

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121524.D
 Acq On : 8 Sep 2020 16:13
 Operator : JU/CG
 Sample : PB131478BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131478BS

Manual Integrations
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Sohil
 9/9/2020 3:49:25 PM

Quant Time: Sep 08 19:02:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	299080	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1148057	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	586181	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1124101	20.00	ng	0.00
76) Chrysene-d12	14.00	240	945335	20.00	ng	-0.01
86) Perylene-d12	15.46	264	948190	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1627140	91.28	ng	0.00
7) Phenol-d6	6.47	99	2153741	86.45	ng	0.00
23) Nitrobenzene-d5	7.40	82	1353072	80.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	676182	114.21	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2505679	68.97	ng	0.00
79) Terphenyl-d14	12.95	244	2665922	59.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	234284	27.558	ng	99
3) Pyridine	3.45	79	699432	30.212	ng	98
4) n-Nitrosodimethylamine	3.40	42	332122	32.455	ng	99
6) Aniline	6.50	93	928080	31.399	ng	99
8) 2-Chlorophenol	6.63	128	722804	39.951	ng	97
9) Benzaldehyde	6.39	77	413824	30.757	ng	99
10) Phenol	6.49	94	948630	38.927	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	684551	34.574	ng	98
12) 1,3-Dichlorobenzene	6.78	146	731580	33.583	ng	99
13) 1,4-Dichlorobenzene	6.86	146	747761	34.252	ng	99
14) 1,2-Dichlorobenzene	7.01	146	719489	35.394	ng	98
15) Benzyl Alcohol	6.99	79	582113	35.601	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	918025	31.298	ng	99
17) 2-Methylphenol	7.09	107	584340	37.121	ng	99
18) Hexachloroethane	7.36	117	267183	35.760	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	483455	34.727	ng	97
20) 3+4-Methylphenols	7.25	107	732840	38.471	ng	# 84
22) Acetophenone	7.25	105	933959	33.006	ng	# 93
24) Nitrobenzene	7.42	77	736225	43.737	ng	97
25) Isophorone	7.66	82	1330574	35.227	ng	98
26) 2-Nitrophenol	7.74	139	353842	49.631	ng	99
27) 2,4-Dimethylphenol	7.77	122	671783	42.883	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	858173	33.412	ng	99
29) 2,4-Dichlorophenol	7.98	162	603861	39.040	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	634576	33.490	ng	98
31) Naphthalene	8.15	128	2010839	35.280	ng	100
32) Benzoic acid	7.90	122	419567	44.648	ng	97
33) 4-Chloroaniline	8.19	127	691815	27.252	ng	98
34) Hexachlorobutadiene	8.27	225	364248	32.325	ng	99
35) Caprolactam	8.56	113	191606m	37.980	ng	
36) 4-Chloro-3-methylphenol	8.67	107	635864	38.990	ng	99
37) 2-Methylnaphthalene	8.84	142	1377531	36.479	ng	98
38) 1-Methylnaphthalene	8.94	142	1279832	35.892	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	621282	35.755	ng	99

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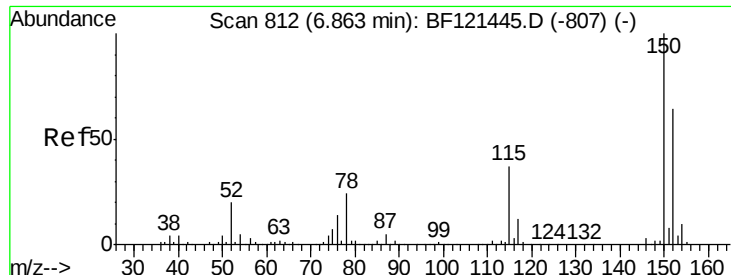
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	716058	97.995	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	443393	40.372	nq	100
44) 2,4,5-Trichlorophenol	9.15	196	471985	43.460	nq	99
46) 1,1'-Biphenyl	9.30	154	1636180	36.990	nq	100
47) 2-Chloronaphthalene	9.33	162	1264491	34.779	nq	98
48) 2-Nitroaniline	9.42	65	398966	40.329	nq	97
49) Acenaphthylene	9.75	152	2022672	37.089	nq	99
50) Dimethylphthalate	9.60	163	1469868	36.505	nq	99
51) 2,6-Dinitrotoluene	9.66	165	334871	44.859	nq	90
52) Acenaphthene	9.92	154	1396168	40.544	nq	99
53) 3-Nitroaniline	9.83	138	286082	31.827	nq	99
54) 2,4-Dinitrophenol	9.94	184	316917	85.398	nq	97
55) Dibenzofuran	10.09	168	1840716	36.798	nq	100
56) 4-Nitrophenol	9.99	139	601308	77.605	nq	99
57) 2,4-Dinitrotoluene	10.06	165	447277	48.124	nq	93
58) Fluorene	10.43	166	1431259	37.956	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	403178	44.590	nq	99
60) Diethylphthalate	10.30	149	1480747	36.604	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	688394	36.436	nq	99
62) 4-Nitroaniline	10.45	138	371424	38.718	nq	97
63) Azobenzene	10.58	77	1447573	36.185	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	214941	58.130	nq	88
66) n-Nitrosodiphenylamine	10.54	169	1317507	37.058	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	439804	35.565	nq	97
68) Hexachlorobenzene	10.97	284	517512	35.788	nq	98
69) Atrazine	11.06	200	313937	30.447	nq	98
70) Pentachlorophenol	11.17	266	598830	90.644	nq	100
71) Phenanthrene	11.39	178	2082445	36.099	nq	99
72) Anthracene	11.44	178	2180464	38.431	nq	100
73) Carbazole	11.59	167	2064764	37.739	nq	100
74) Di-n-butylphthalate	11.93	149	2215419	36.450	nq	100
75) Fluoranthene	12.57	202	2358454	37.935	nq	98
77) Benzidine	12.70	184	1250081	60.633	nq	99
78) Pyrene	12.80	202	2422987	35.889	nq	100
80) Butylbenzylphthalate	13.42	149	996898	38.328	nq	95
81) Benzo(a)anthracene	13.99	228	2070425	35.878	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	668592	31.631	nq	99
83) Chrysene	14.03	228	2077137	35.977	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1268408	37.758	nq	# 98
85) Di-n-octyl phthalate	14.60	149	2283998	40.119	nq	99
87) Indeno(1,2,3-cd)pyrene	16.91	276	2146177	36.787	nq	99
88) Benzo(b)fluoranthene	15.04	252	2259067	36.626	nq	100
89) Benzo(k)fluoranthene	15.07	252	2071545	36.109	nq	99
90) Benzo(a)pyrene	15.40	252	1971213	35.541	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	1760108	36.856	nq	99
92) Benzo(g,h,i)perylene	17.35	276	1750485	38.051	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



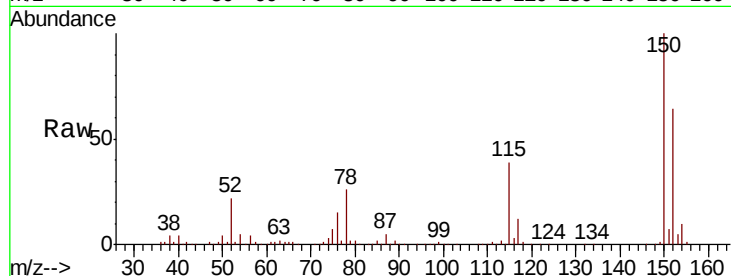
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131478BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.1	189.1
115	61.2	48.4	72.6

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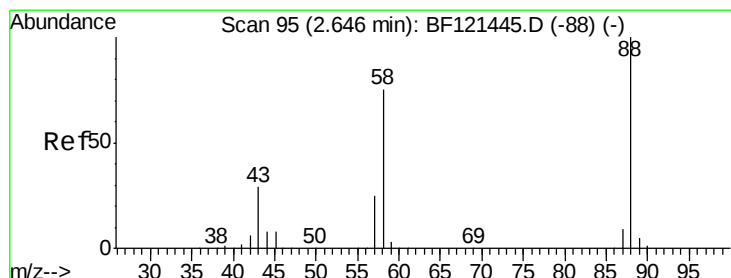
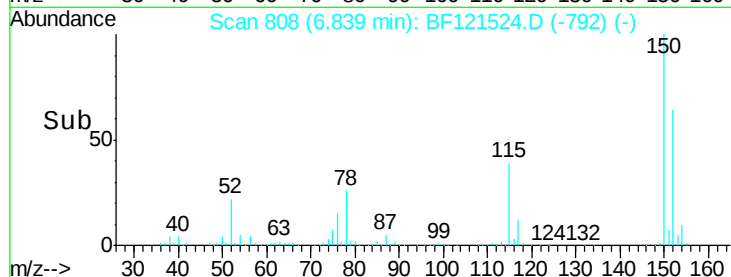
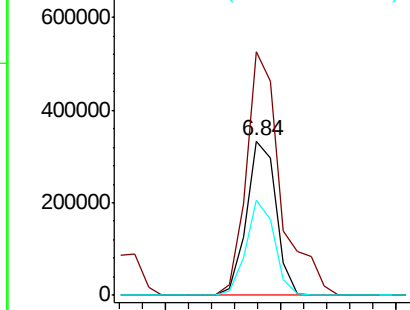


Abundance

Ion 152.00 (151.70 to 152.70): E

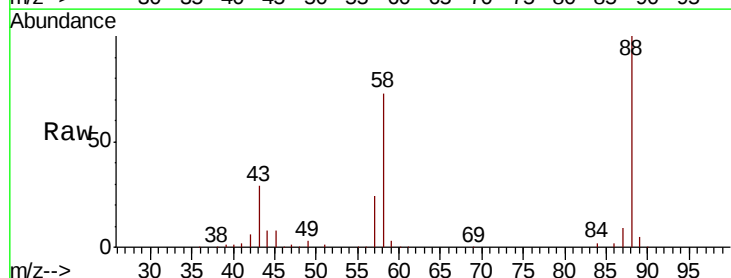
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 27.558 ng
 RT: 2.71 min Scan# 106
 Delta R.T. 0.09 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	59.6	89.4
43	26.3	21.9	32.9

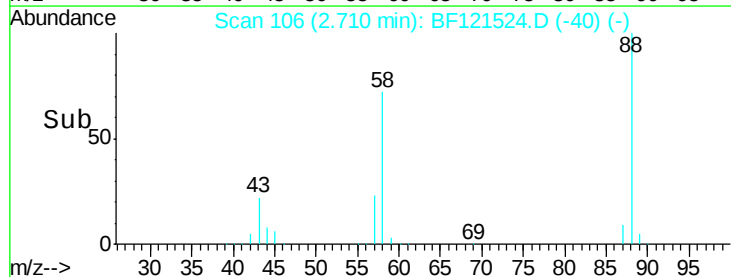
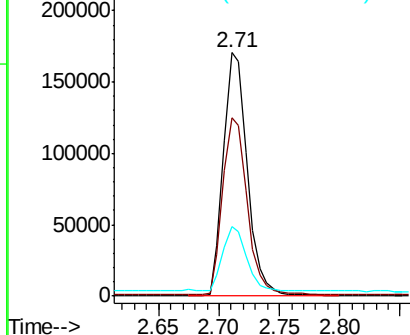


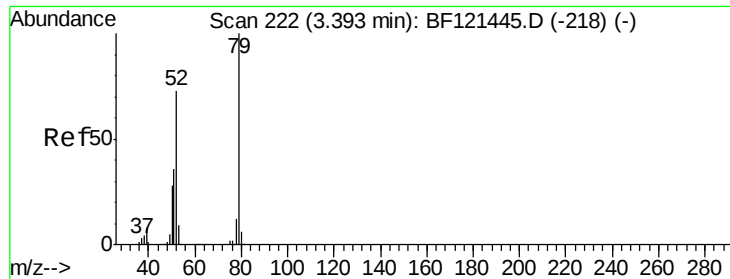
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.212 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

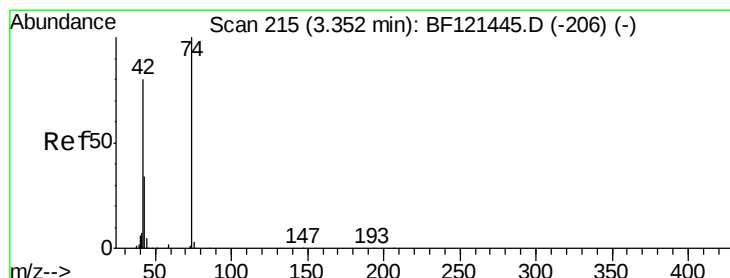
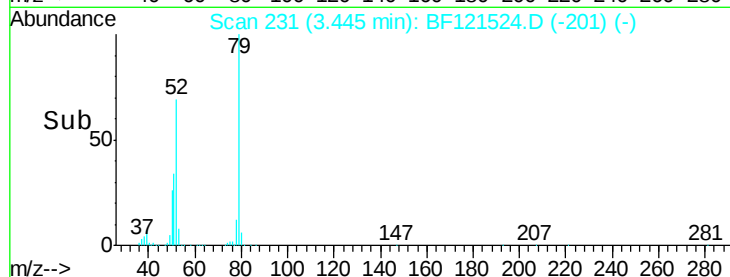
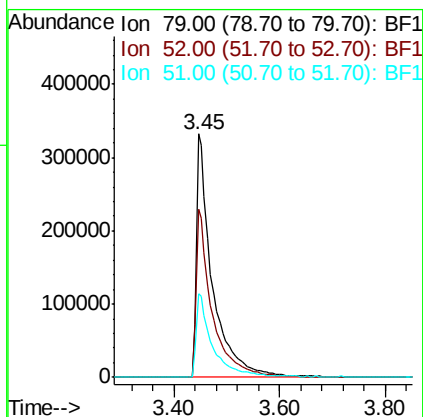
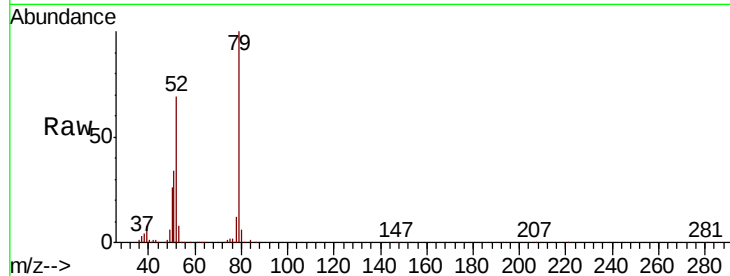
ClientSampleId :

PB131478BS

Tot Ion:	79	Resp:	699432
Ion Ratio	Lower	Upper	
79	100		
52	68.9	56.5	84.7
51	34.1	27.6	41.4

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#4

n-Nitrosodimethylamine

Concen: 32.455 ng

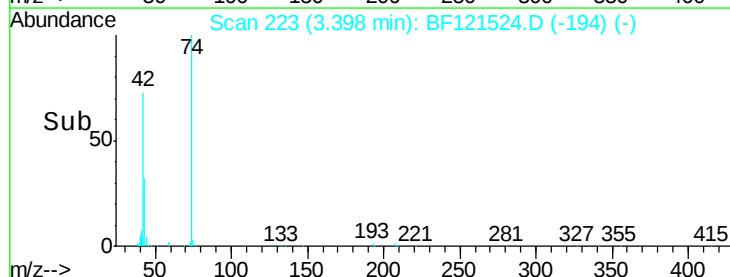
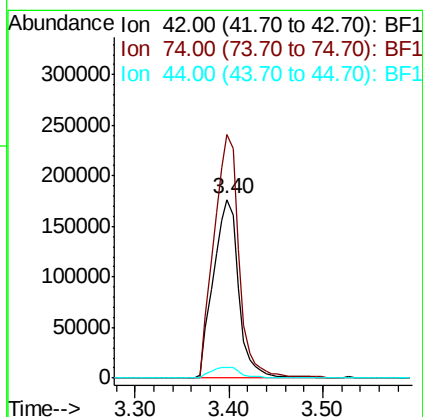
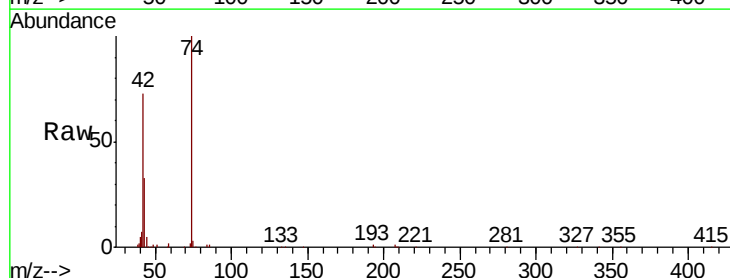
RT: 3.40 min Scan# 223

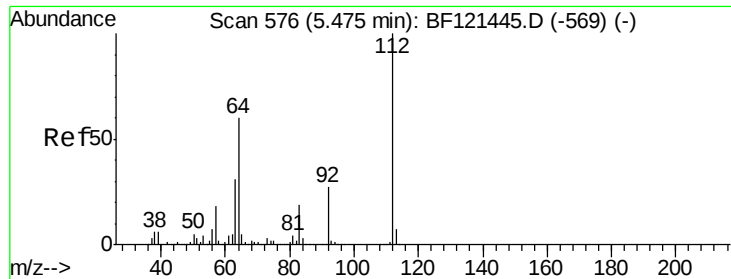
Delta R.T. 0.07 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Tgt Ion:	42	Resp:	332122
Ion Ratio	Lower	Upper	
42	100		
74	136.4	110.3	165.5
44	6.2	5.4	8.2





#5

2-Fluorophenol

Concen: 91.277 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

ClientSampleId :

PB131478BS

Tot Ion:112 Resp: 1627140

Ion Ratio Lower Upper

112 100

64 58.8 46.0 69.0

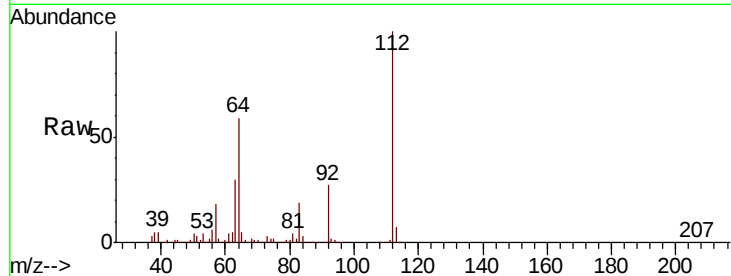
63 29.8 23.4 35.2

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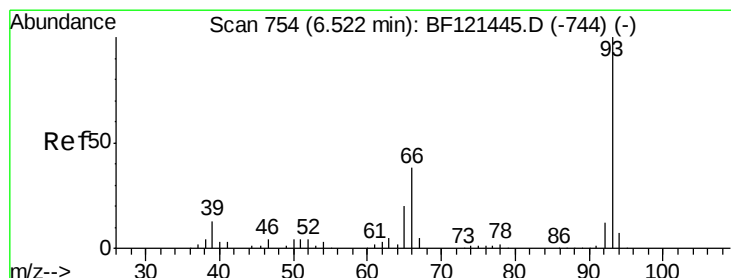
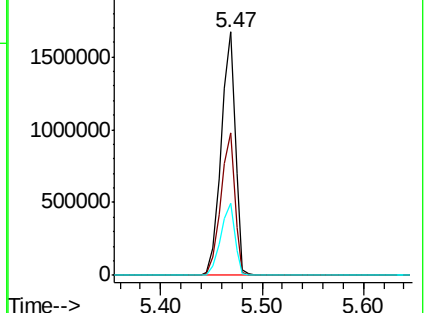
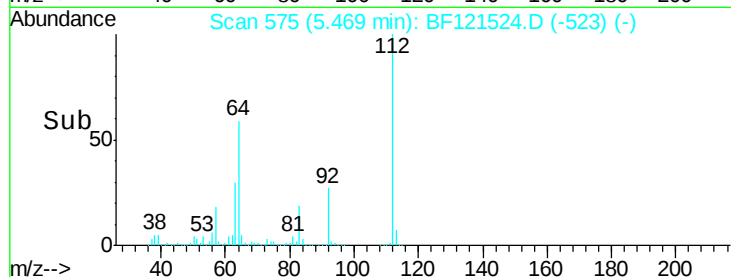
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.399 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

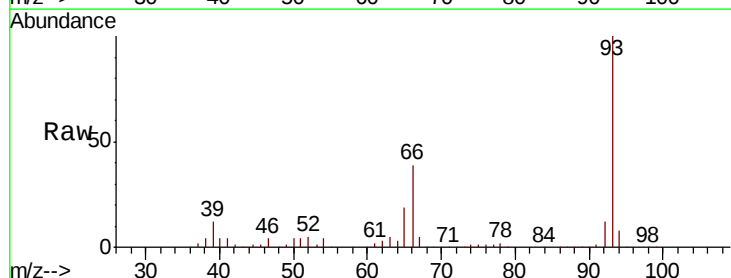
Tgt Ion: 93 Resp: 928080

Ion Ratio Lower Upper

93 100

66 38.6 31.5 47.3

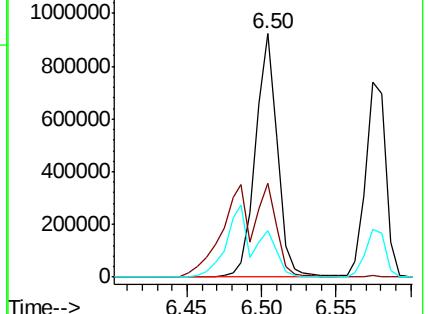
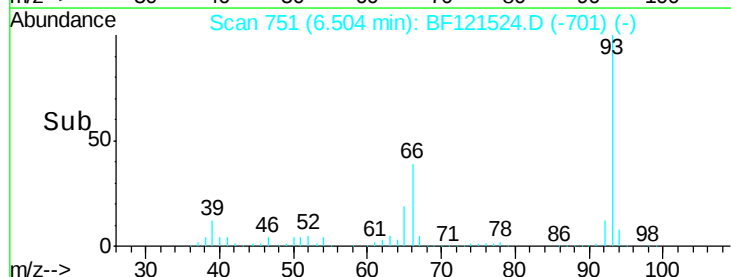
65 19.3 15.8 23.8

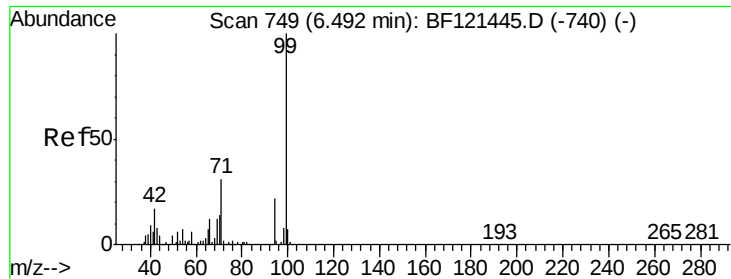


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.455 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

ClientSampleId :

PB131478BS

Tot Ion: 99 Resp: 2153741

Ion Ratio Lower Upper

99 100

42 15.8 13.0 19.4

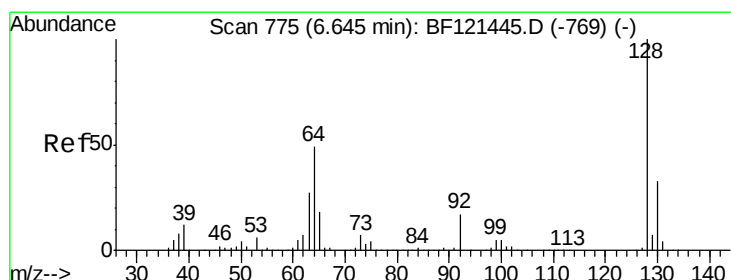
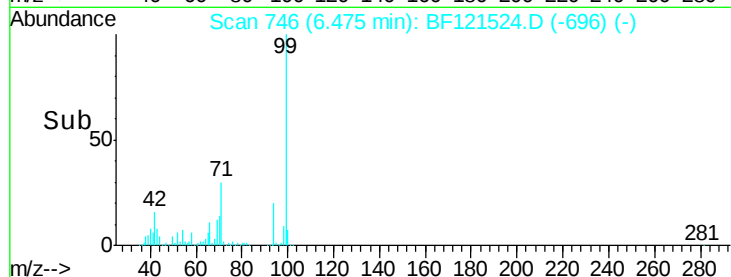
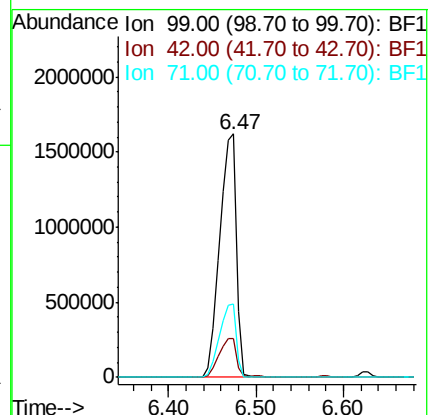
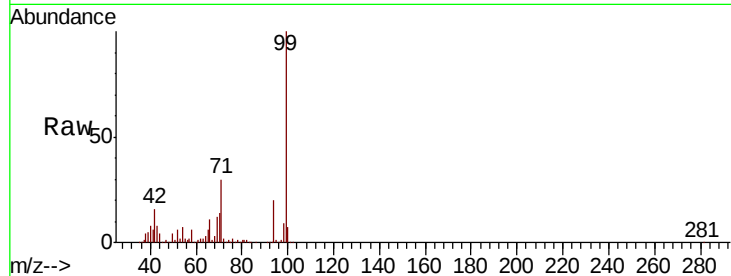
71 30.2 24.8 37.2

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#8

2-Chlorophenol

Concen: 39.951 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

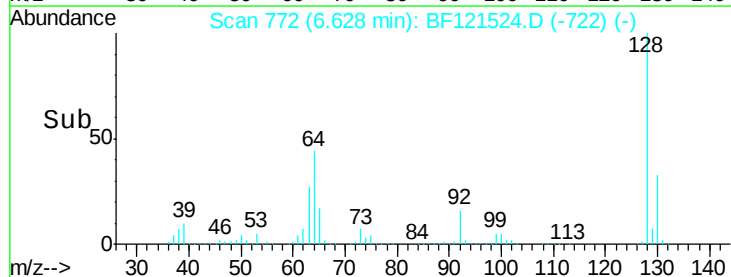
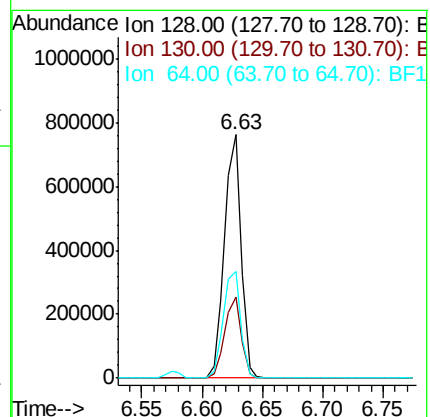
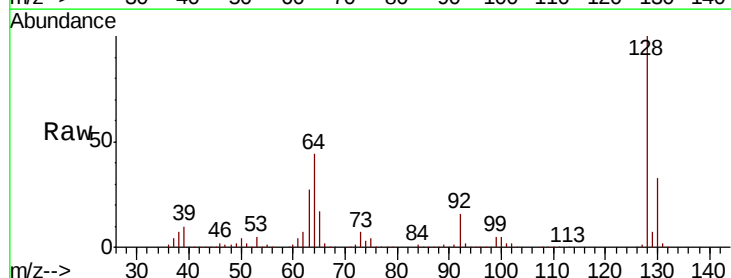
Tgt Ion: 128 Resp: 722804

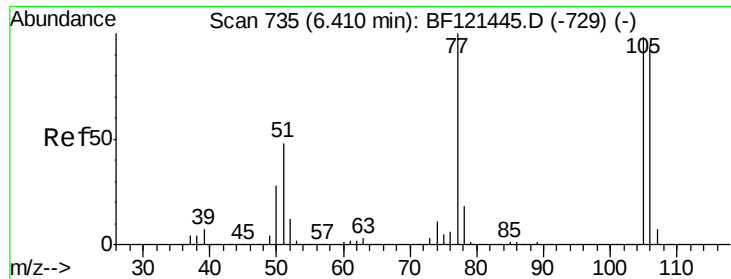
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 43.6 26.4 66.4





#9

Benzaldehyde

Concen: 30.757 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

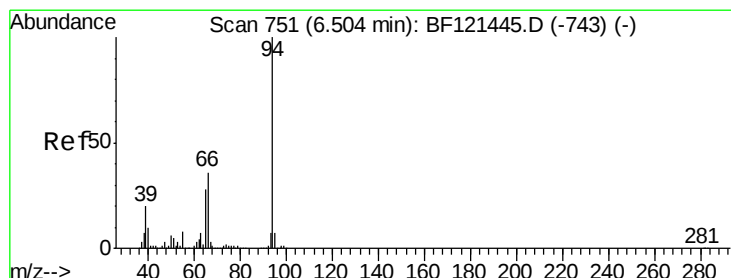
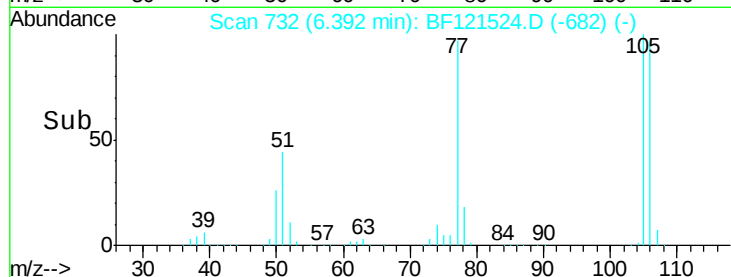
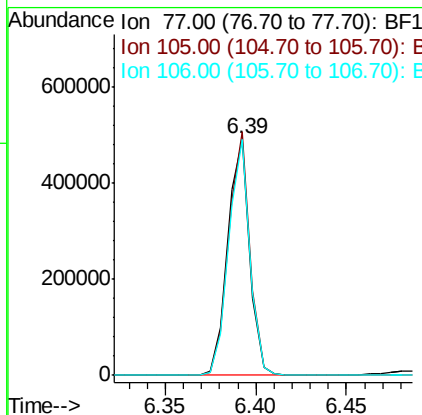
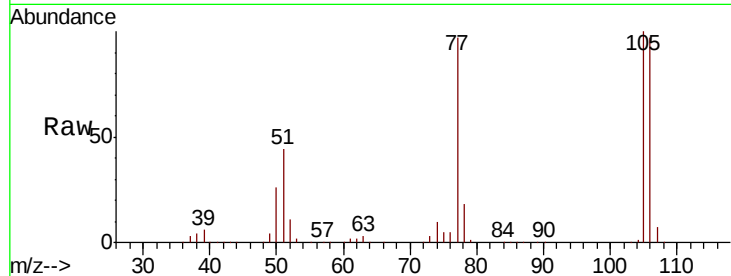
ClientSampleId :

PB131478BS

Tot Ion:	77	Resp:	413824
Ion	Ratio	Lower	Upper
77	100		
105	102.9	82.1	122.1
106	99.6	77.8	117.8

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#10

Phenol

Concen: 38.927 ng

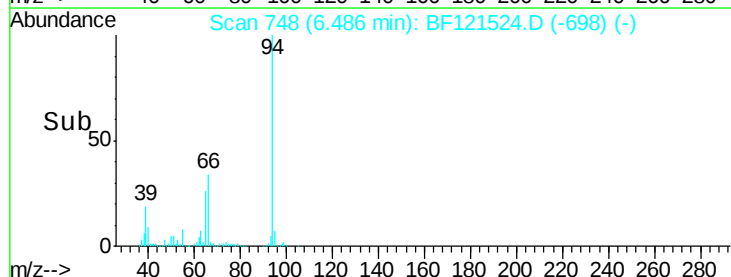
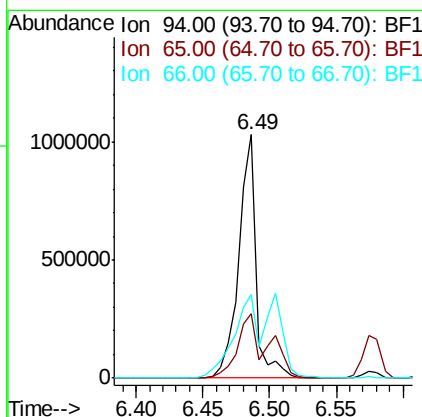
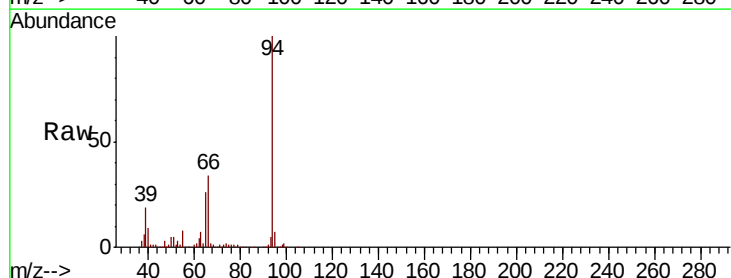
RT: 6.49 min Scan# 748

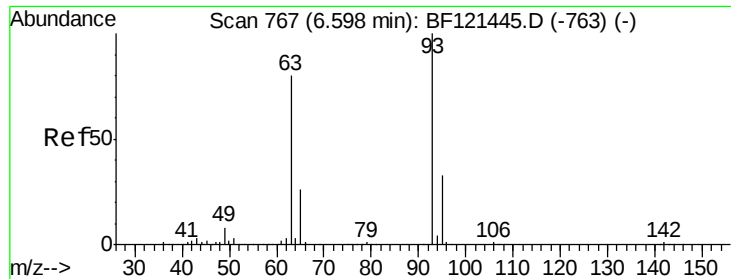
Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Tgt Ion:	94	Resp:	948630
Ion	Ratio	Lower	Upper
94	100		
65	26.3	8.8	48.8
66	34.2	18.4	58.4





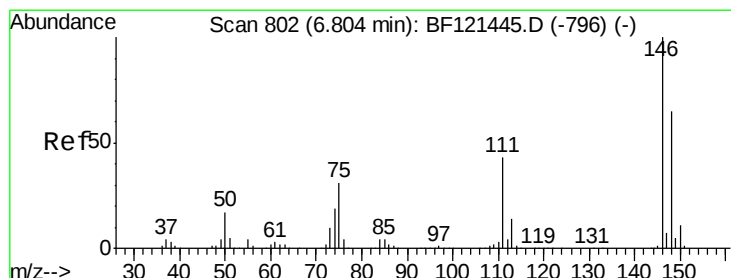
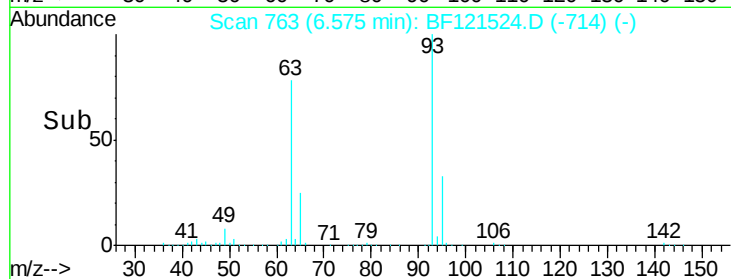
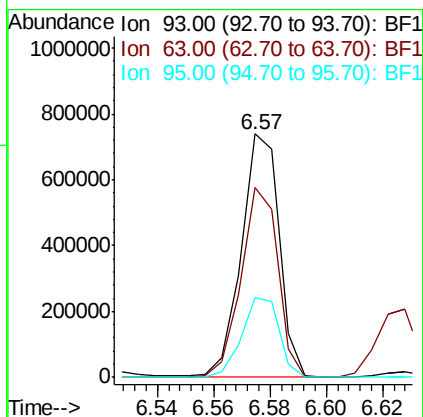
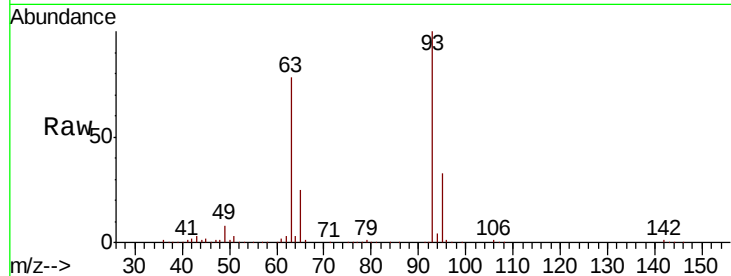
#11
bis(2-Chloroethyl)ether
Concen: 34.574 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

Tot Ion:	93	Resp:	684551
Ion Ratio	Lower	Upper	
93	100		
63	78.0	56.4	96.4
95	32.6	13.3	53.3

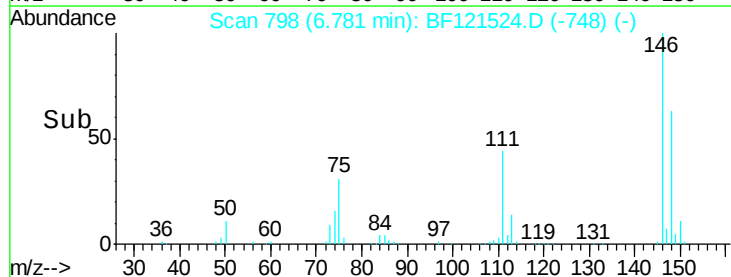
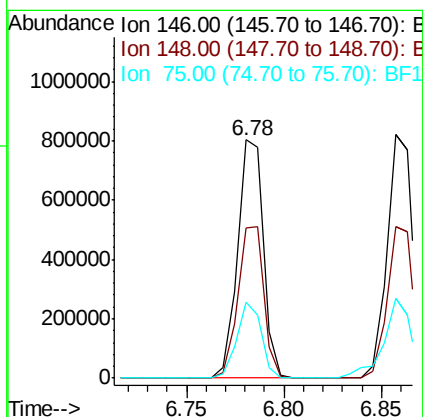
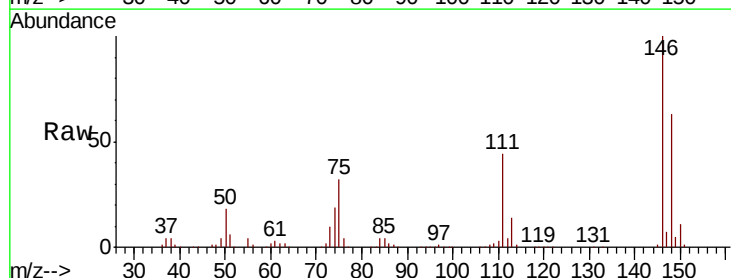
Manual Integrations
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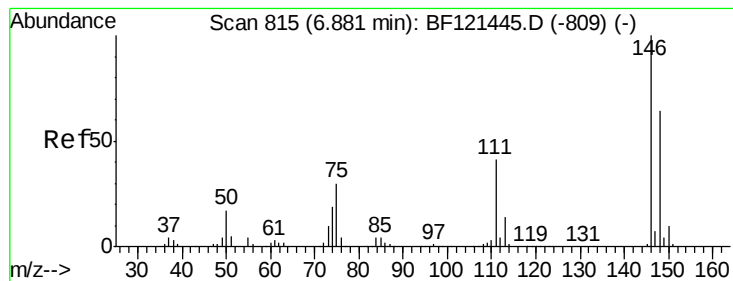
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.583 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion:	146	Resp:	731580
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.7	77.5
75	32.0	25.5	38.3





#13

1,4-Dichlorobenzene

Concen: 34.252 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

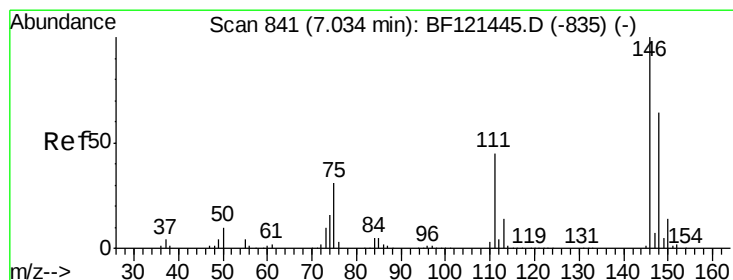
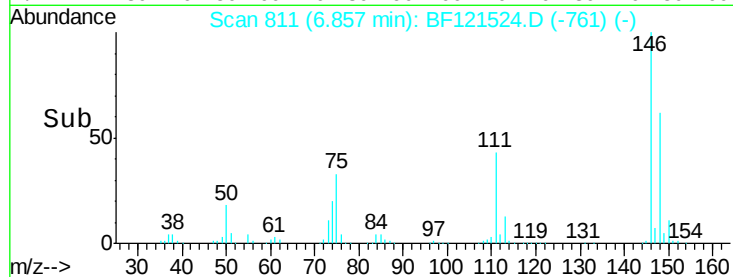
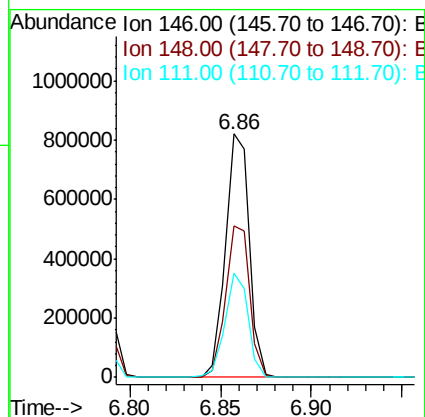
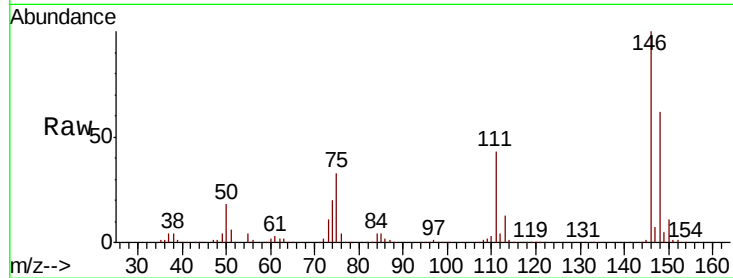
ClientSampled :

PB131478BS

Tot Ion:	146	Resp:	747761
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.0	76.4
111	42.6	33.9	50.9

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#14

1,2-Dichlorobenzene

Concen: 35.394 ng

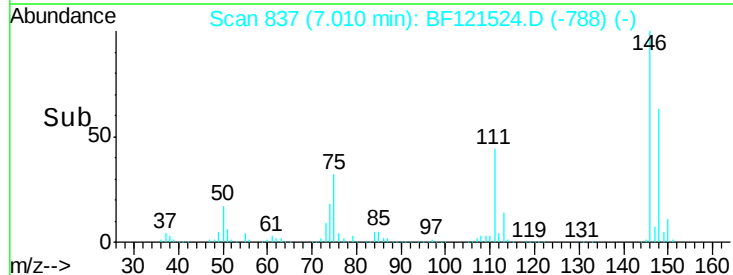
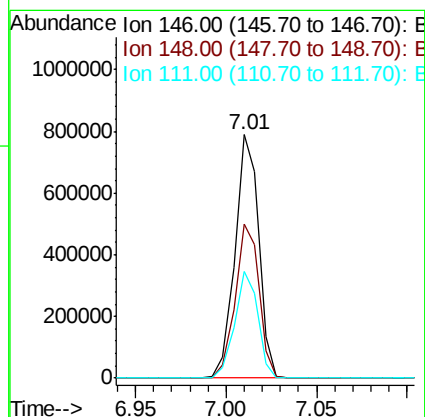
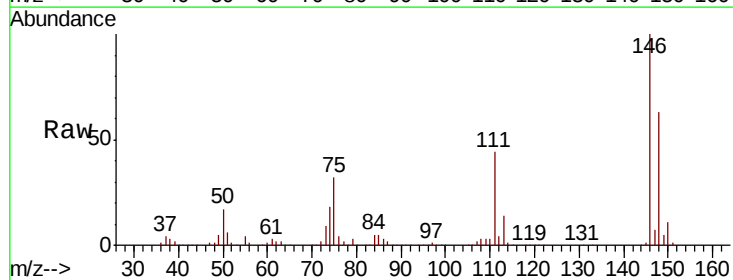
RT: 7.01 min Scan# 837

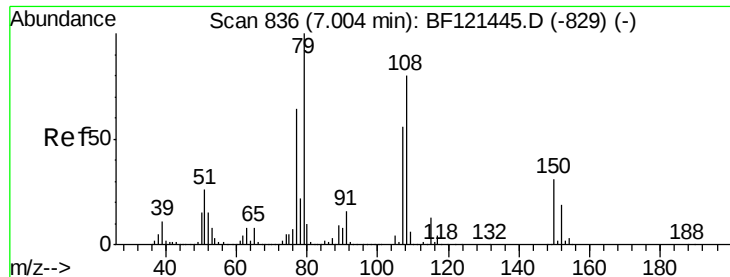
Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Tgt Ion:	146	Resp:	719489
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.9	77.9
111	43.9	33.9	50.9





#15

Benzyl Alcohol

Concen: 35.601 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

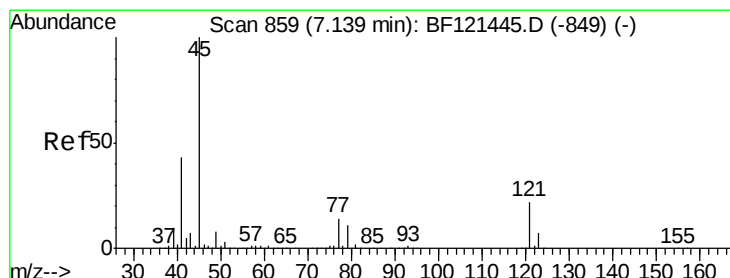
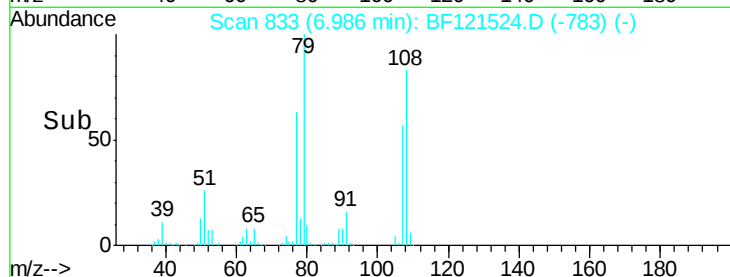
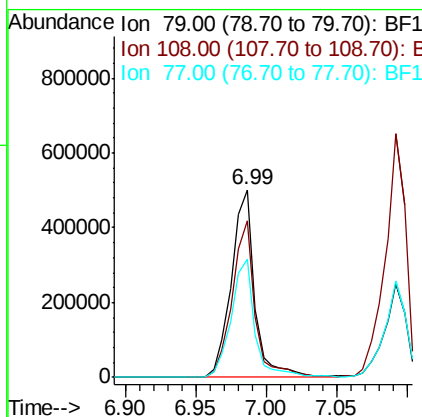
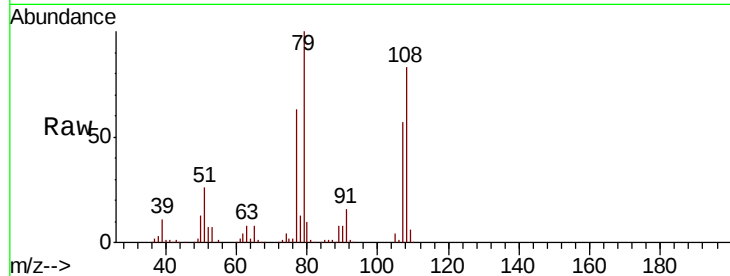
ClientSampleId :

PB131478BS

Tot Ion:	79	Resp:	582113
Ion Ratio	Lower	Upper	
79	100		
108	83.4	66.9	100.3
77	63.4	49.8	74.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.298 ng

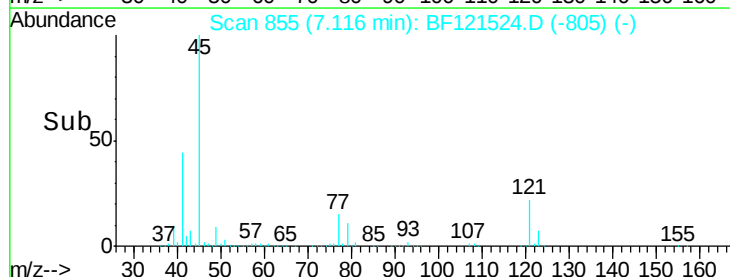
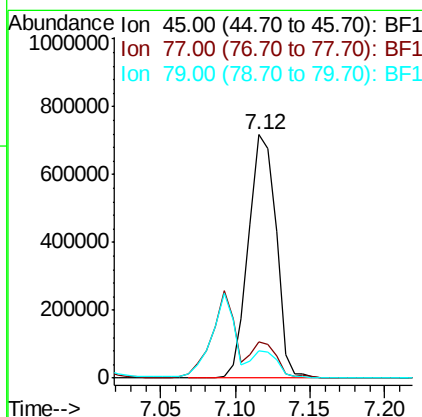
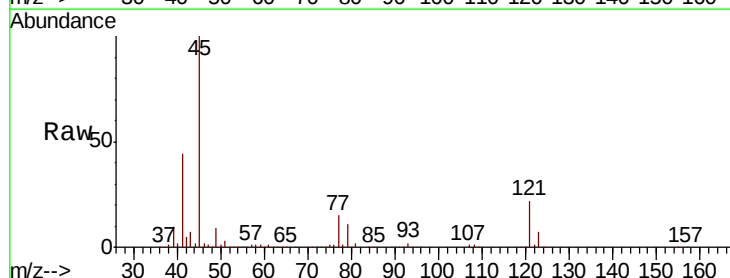
RT: 7.12 min Scan# 855

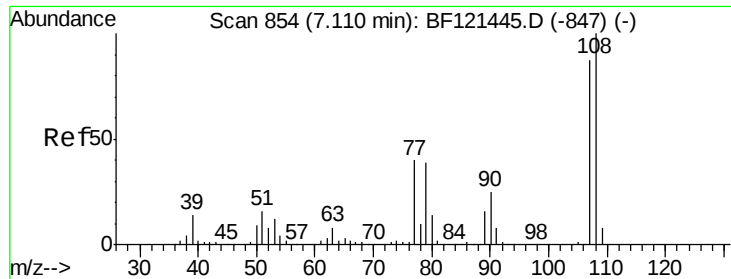
Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Tgt Ion:	45	Resp:	918025
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	34.7
79	11.4	0.0	31.2





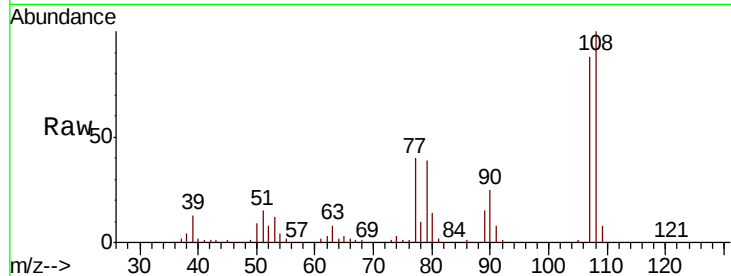
#17
2-Methylphenol
Concen: 37.121 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

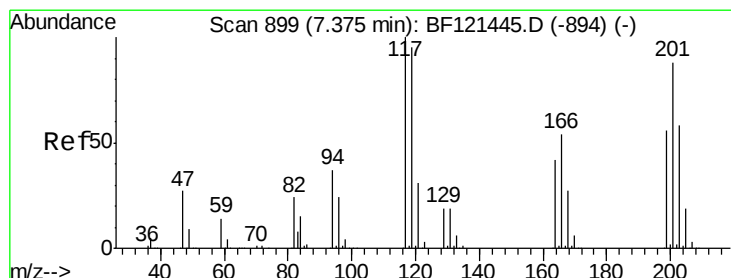
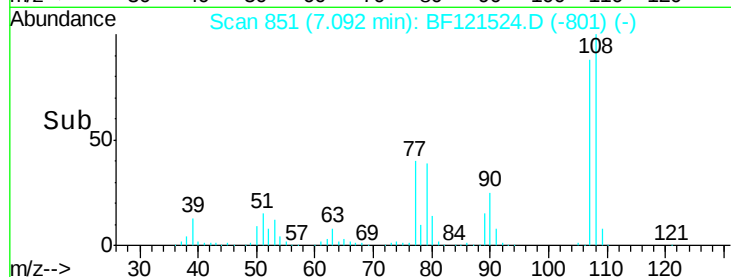
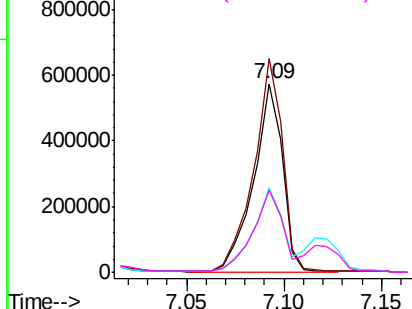
Tot Ion	107	Resp	584340
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.6	137.4
77	44.7	35.4	53.0
79	43.6	34.7	52.1

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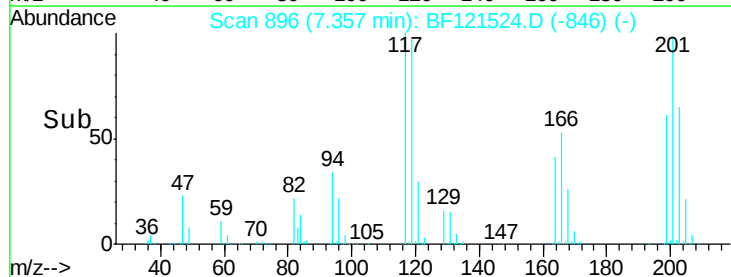
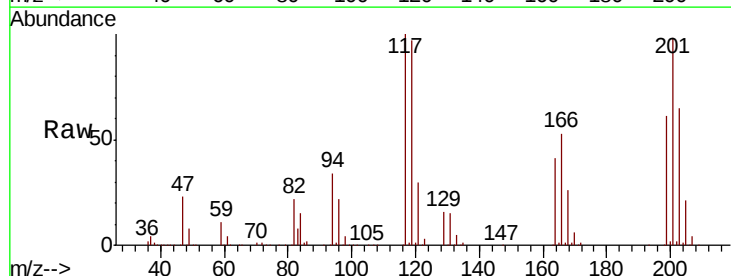
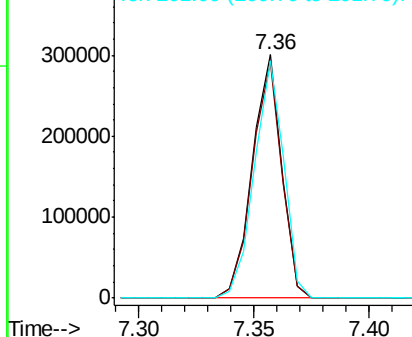
Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

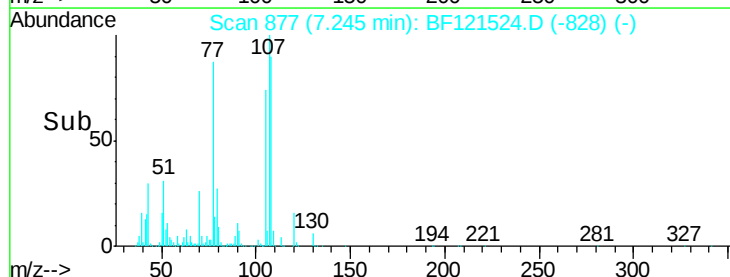
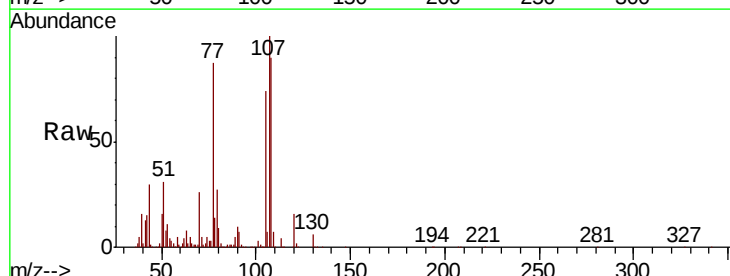
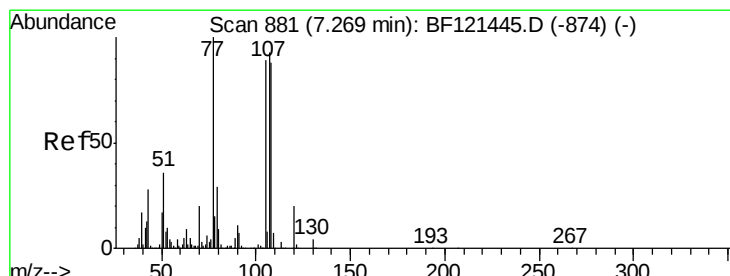
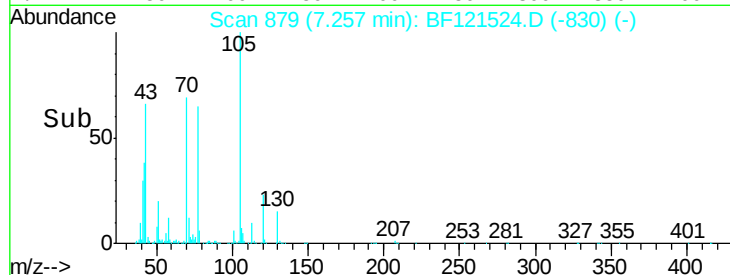
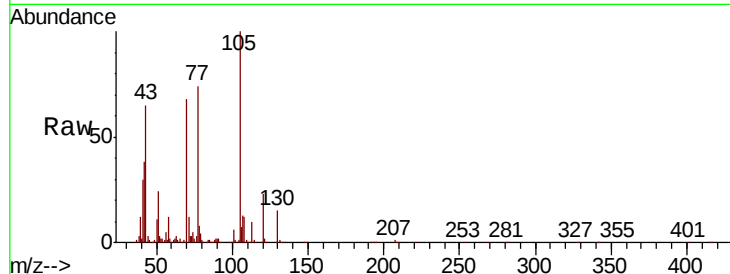
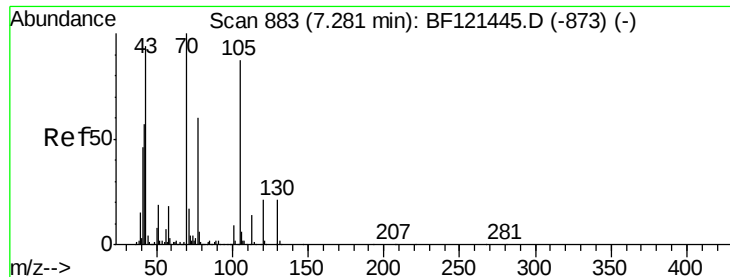


#18
Hexachloroethane
Concen: 35.760 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	117	Resp	267183
Ion Ratio	Lower	Upper	
117	100		
119	96.7	77.0	115.4
201	97.6	82.5	123.7

Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E
200000
100000
0





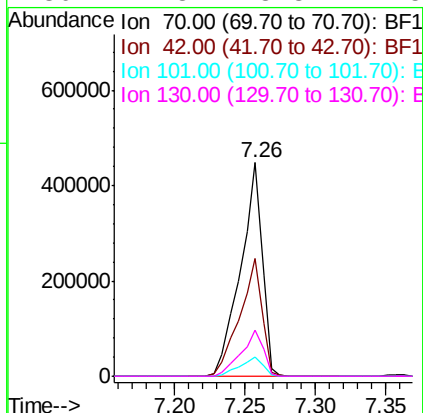
#19
n-Nitroso-di-n-propylamine
Concen: 34.727 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.4	42.0	63.0		
101	9.1	8.1	12.1		
130	21.8	18.3	27.5		

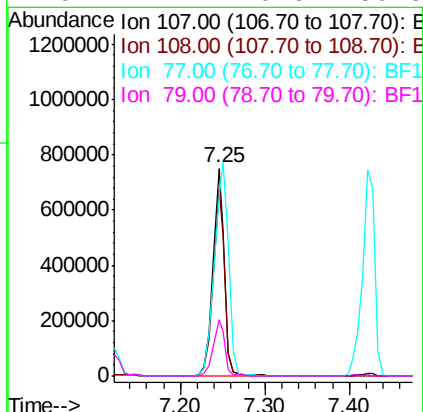
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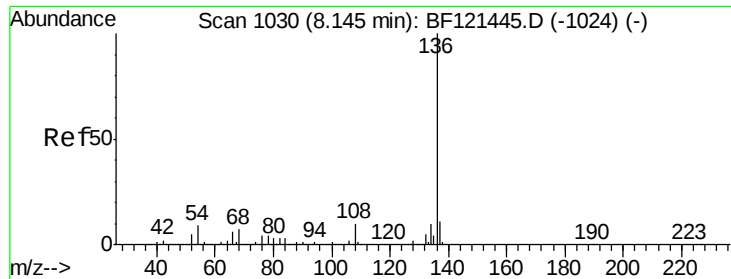
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#20
3+4-Methylphenols
Concen: 38.471 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.0	74.0	114.0		
77	86.8	96.7	136.7		
79	27.4	10.6	50.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

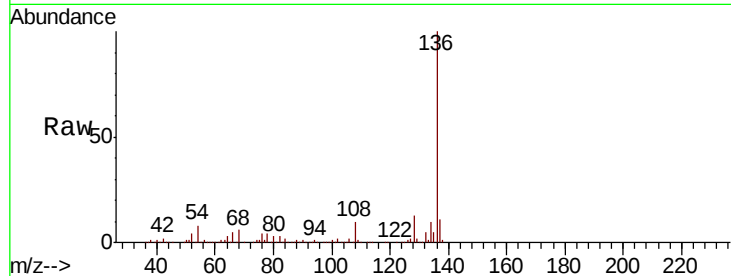
ClientSampleId :

PB131478BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1148057		
137	11.0		8.9	13.3	
54	7.6		6.2	9.4	
68	5.9		5.1	7.7	

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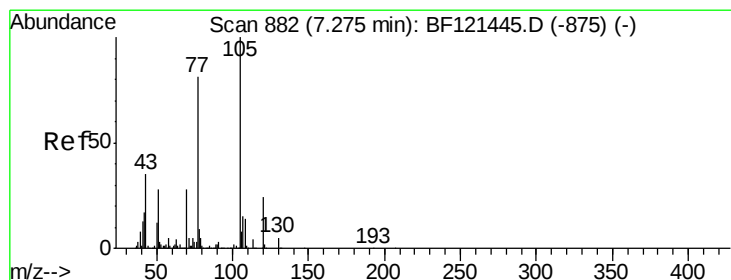
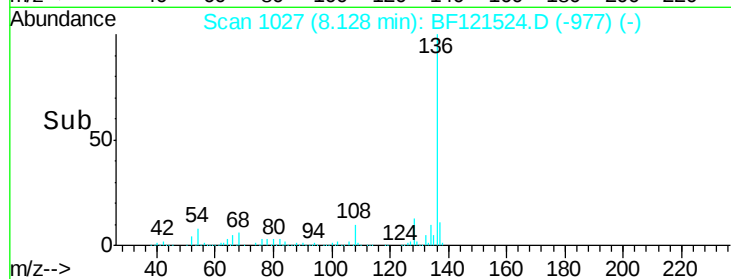
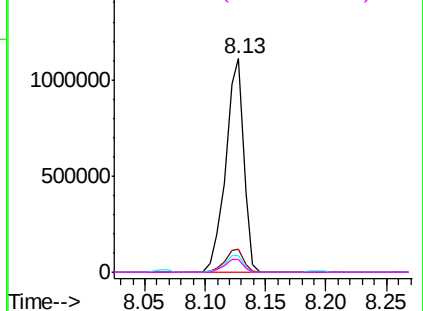


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.006 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

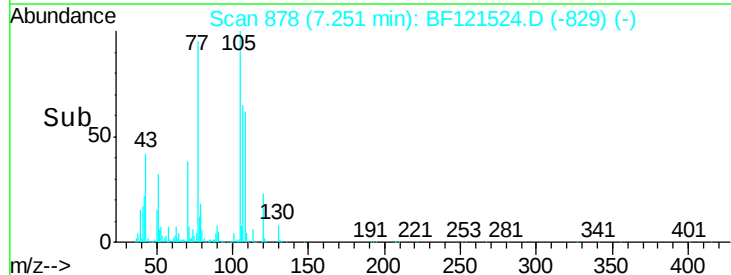
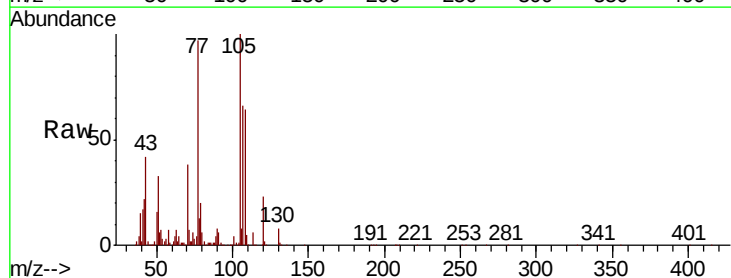
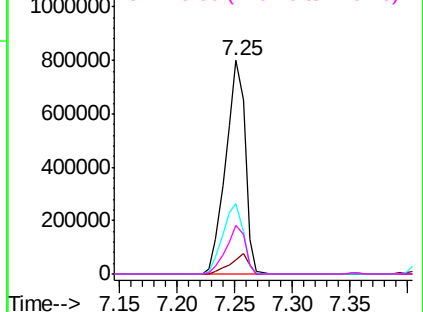
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		933959		
71	6.5		6.0	9.0	
51	32.8		20.7	31.1#	
120	23.0		18.9	28.3	

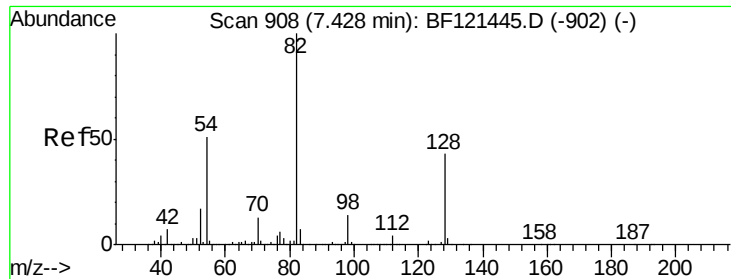
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





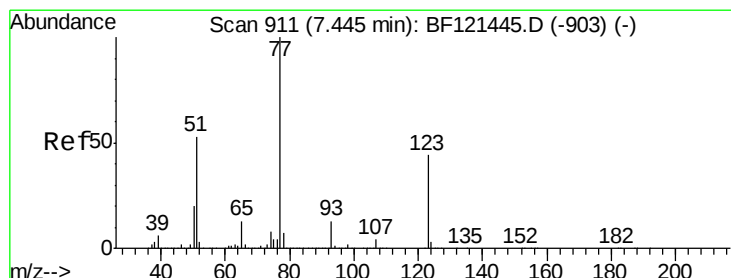
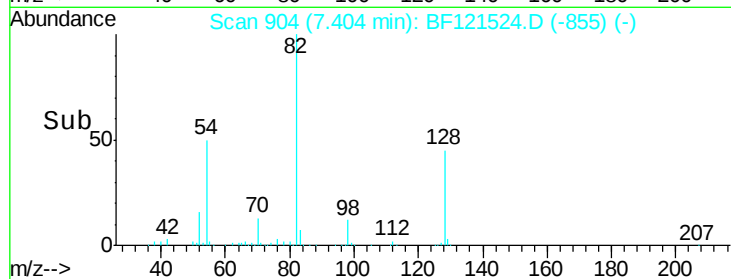
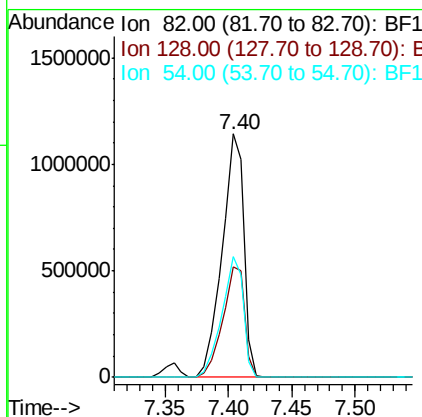
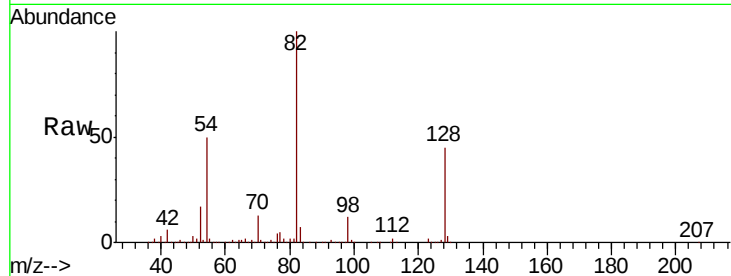
#23
Nitrobenzene-d5
Concen: 80.574 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.3	55.9
54	49.6	39.0	58.6

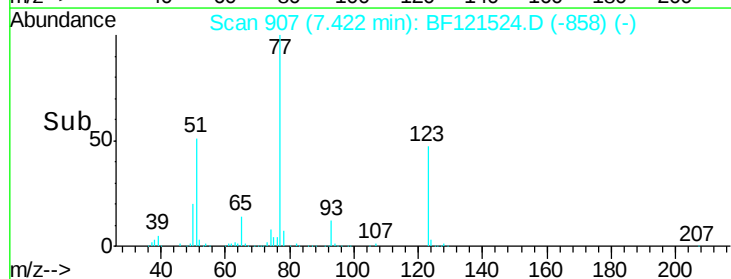
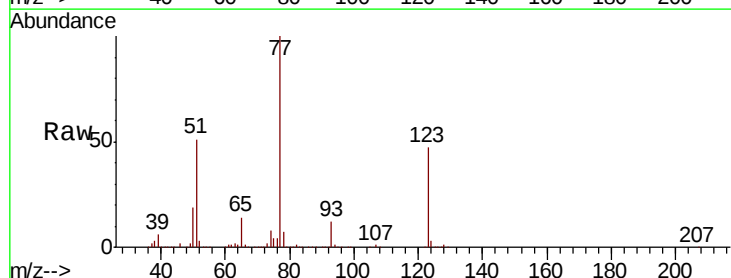
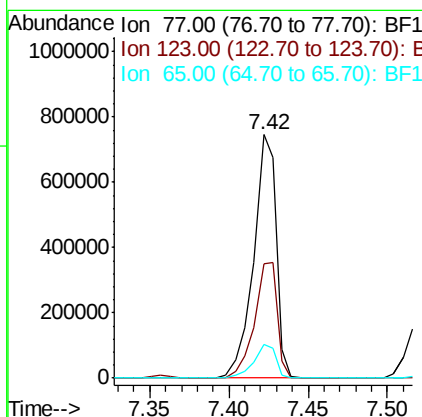
Manual Integrations
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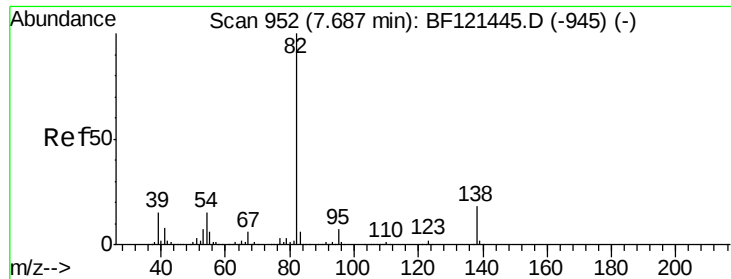
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#24
Nitrobenzene
Concen: 43.737 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	39.7	59.5
65	13.7	11.0	16.4





#25

Isophorone

Concen: 35.227 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

ClientSampled :

PB131478BS

Tot Ion: 82 Resp: 1330574

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

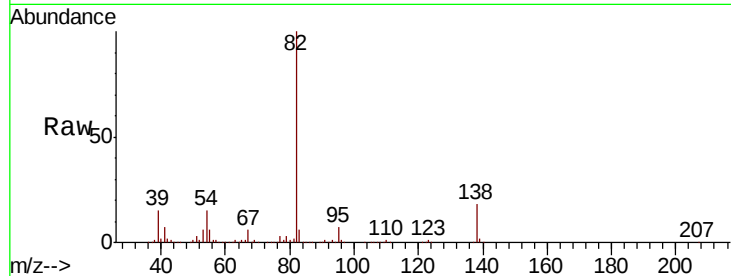
138 18.4 15.6 23.4

Manual Integrations

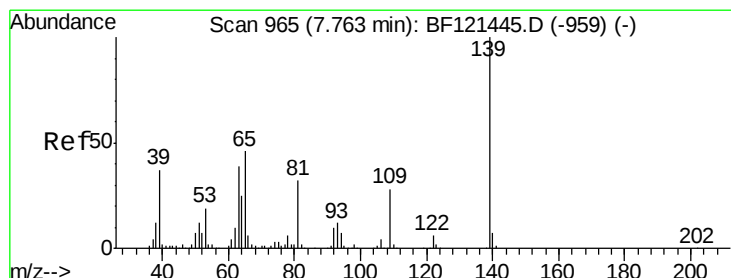
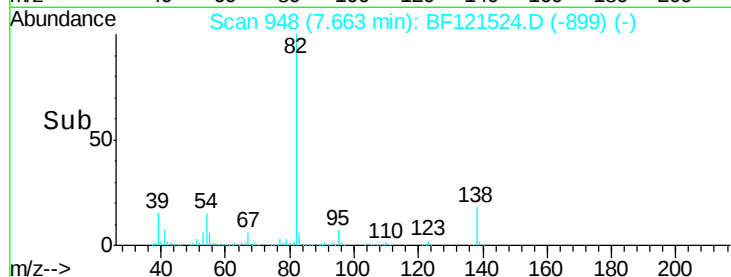
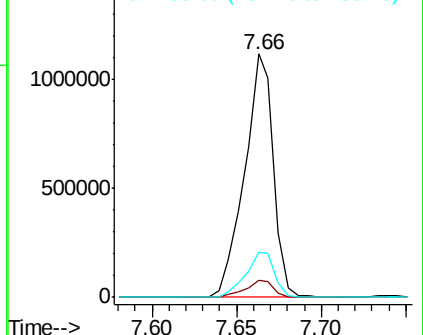
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.631 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

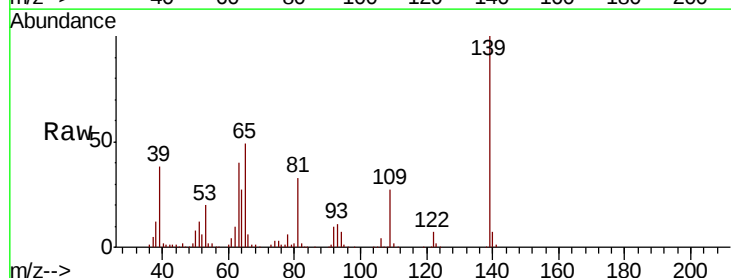
Tgt Ion: 139 Resp: 353842

Ion Ratio Lower Upper

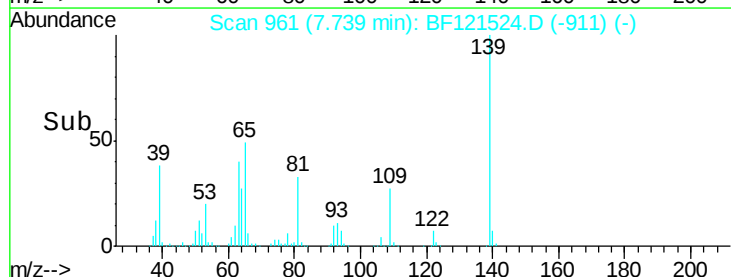
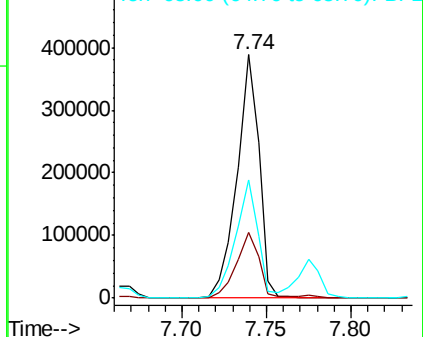
139 100

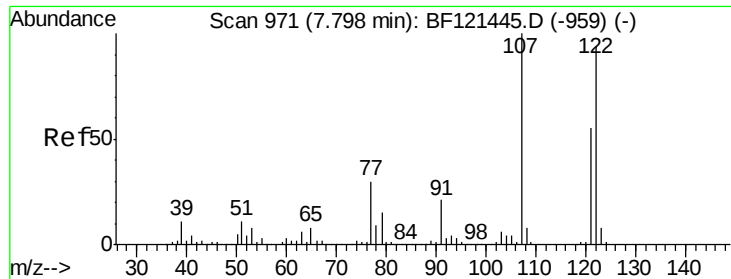
109 27.2 22.0 33.0

65 48.6 39.3 58.9



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





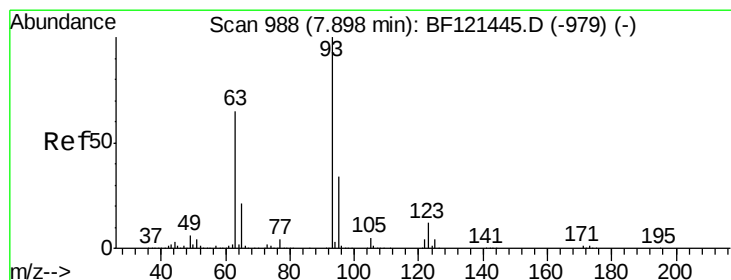
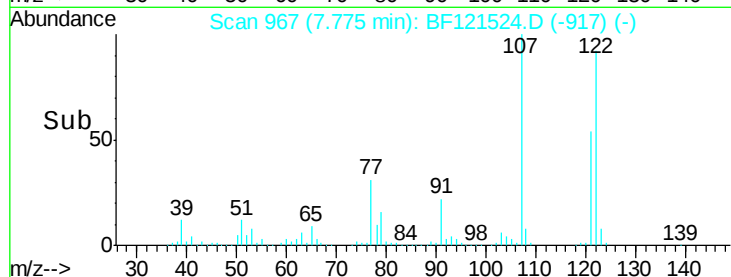
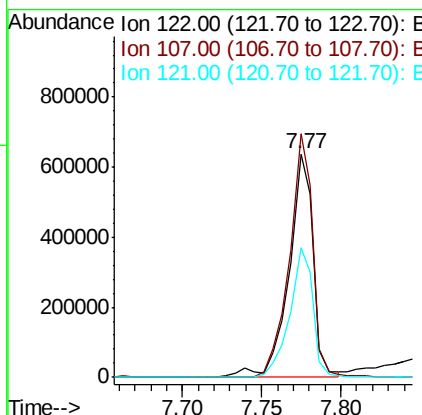
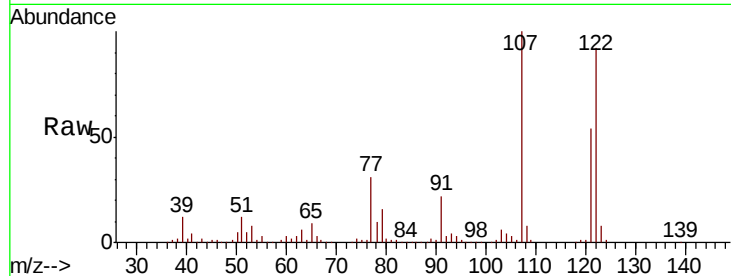
#27
2,4-Dimethylphenol
Concen: 42.883 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	87.7	131.5
121	58.3	46.5	69.7

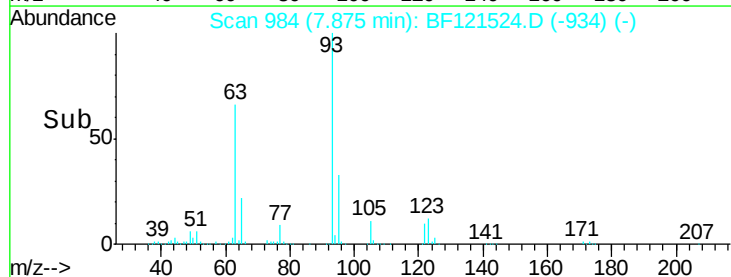
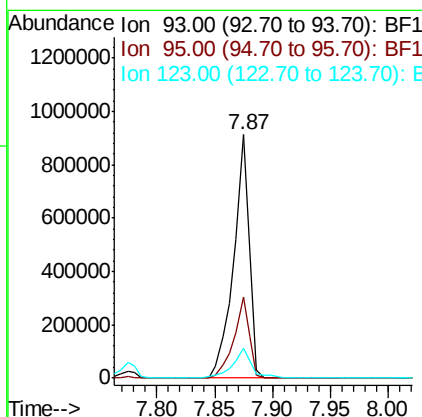
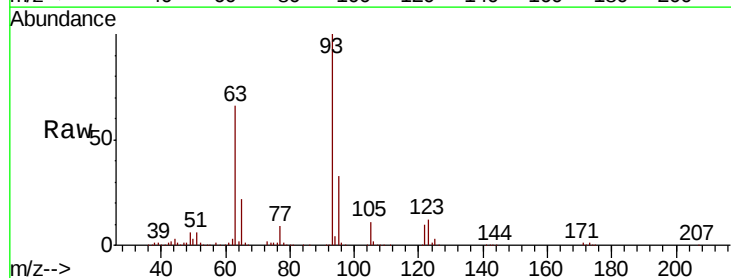
Manual Integrations
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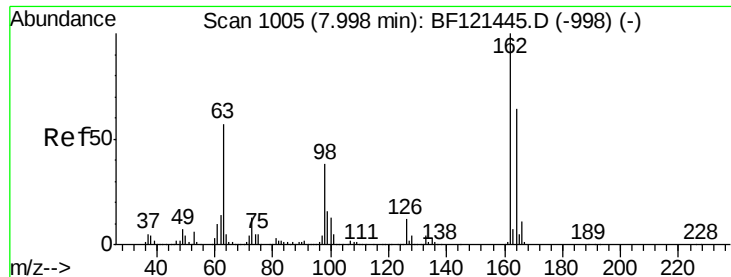
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#28
bis(2-Chloroethoxy)methane
Concen: 33.412 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	27.4	41.0
123	12.0	9.6	14.4





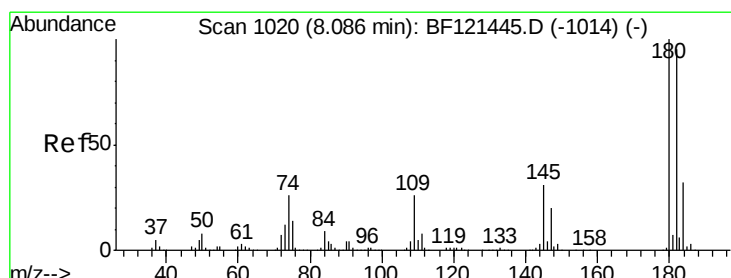
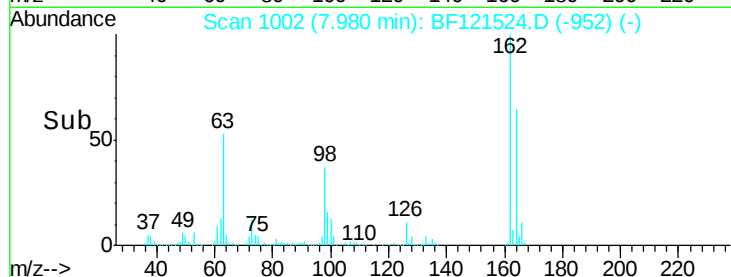
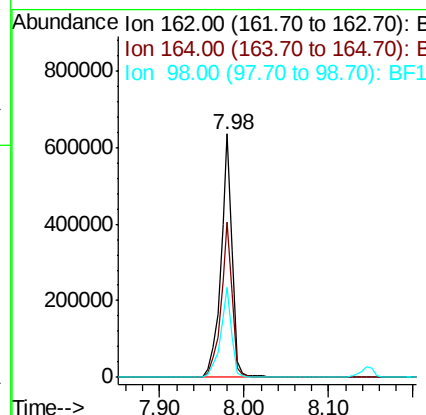
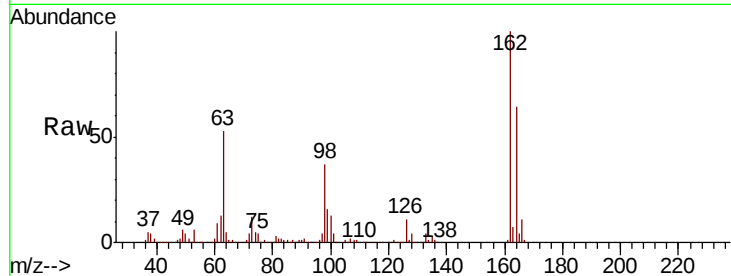
#29
 2,4-Dichlorophenol
 Concen: 39.040 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131478BS

Tot Ion:	162	Resp:	603861
Ion Ratio	Lower	Upper	
162	100		
164	63.5	44.1	84.1
98	37.0	18.4	58.4

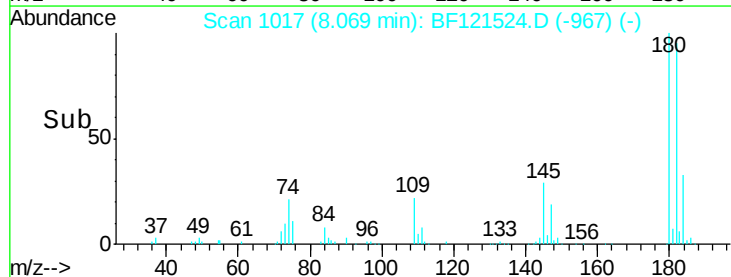
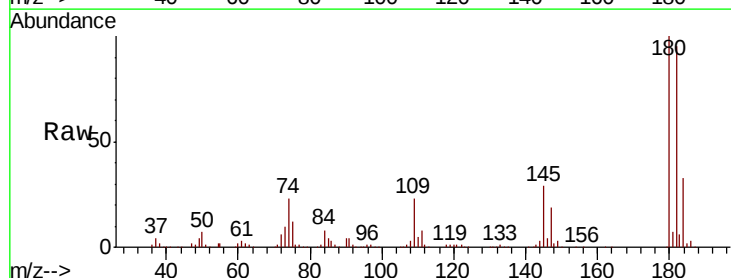
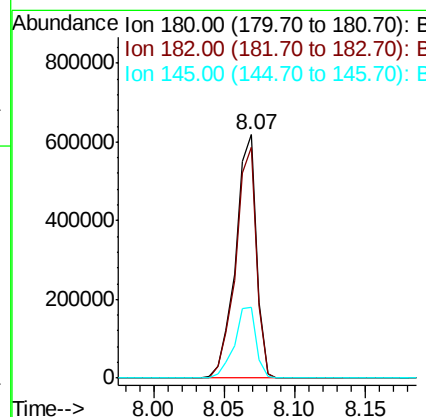
Manual Integrations
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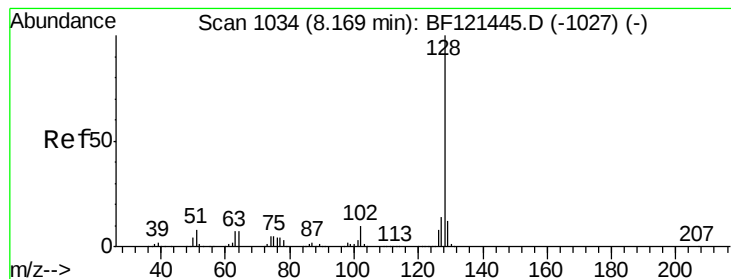
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.490 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Tgt Ion:	180	Resp:	634576
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.5	116.3
145	29.2	24.3	36.5





#31

Naphthalene

Concen: 35.280 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

ClientSampleId :

PB131478BS

Tot Ion:128 Resp: 2010839

Ion Ratio Lower Upper

128 100

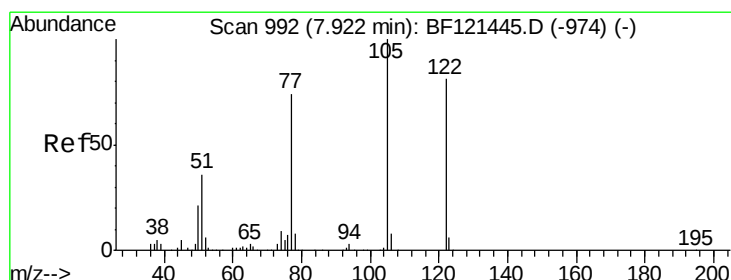
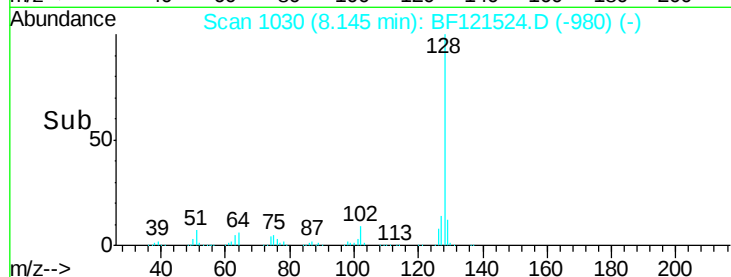
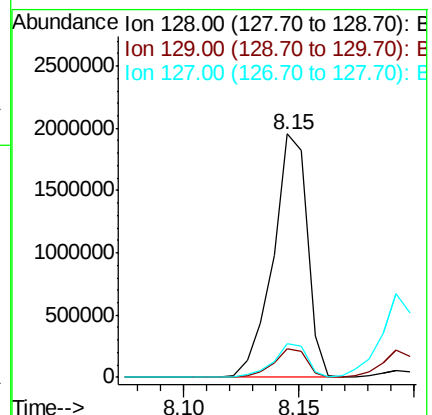
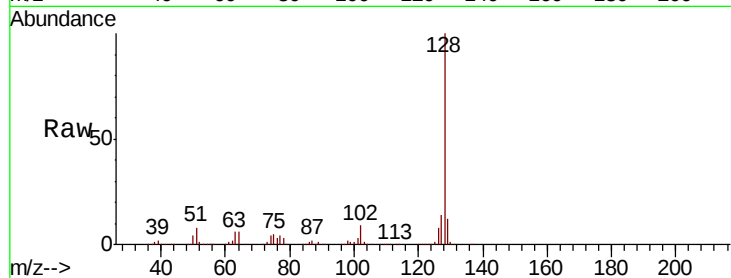
129 12.0 9.7 14.5

127 13.7 11.1 16.7

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#32

Benzoic acid

Concen: 44.648 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

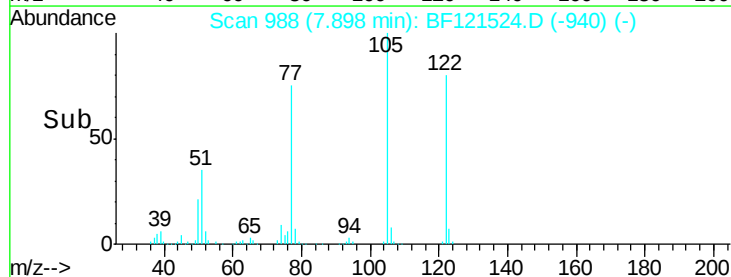
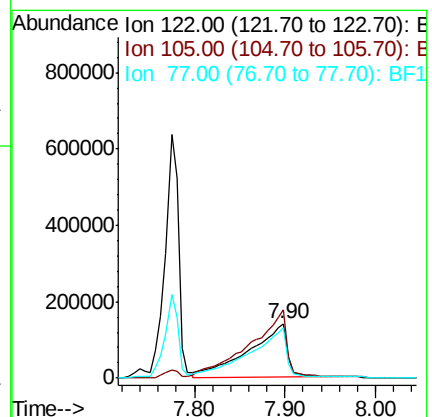
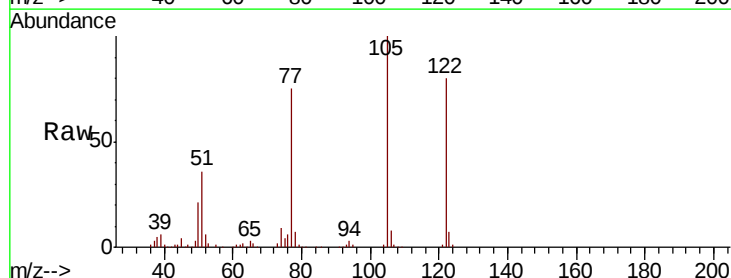
Tgt Ion:122 Resp: 419567

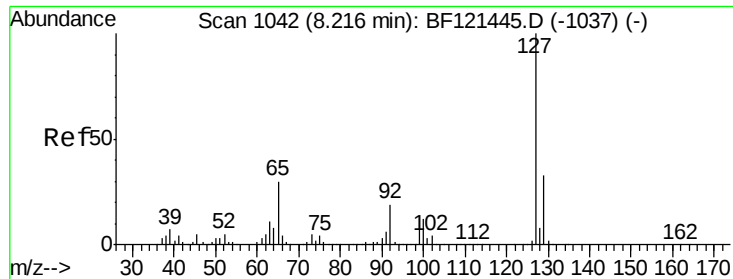
Ion Ratio Lower Upper

122 100

105 124.5 102.2 142.2

77 93.2 69.8 109.8





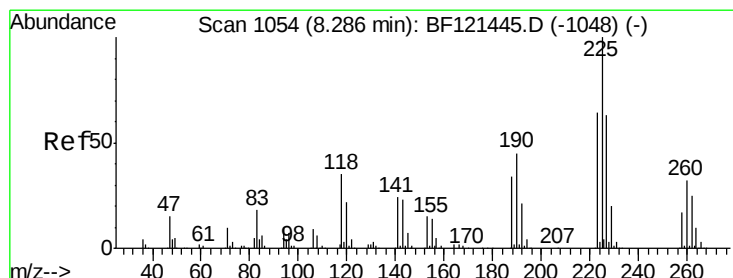
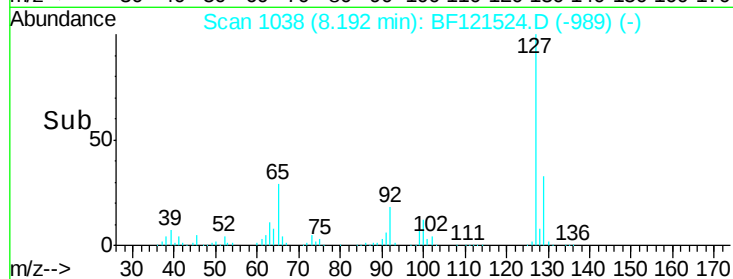
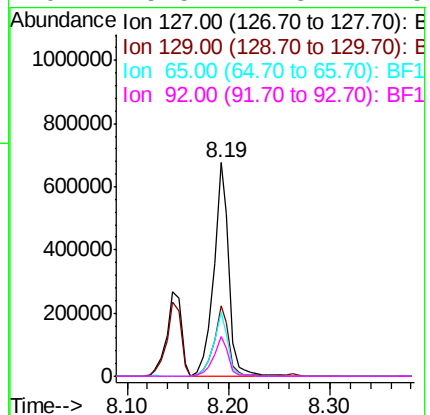
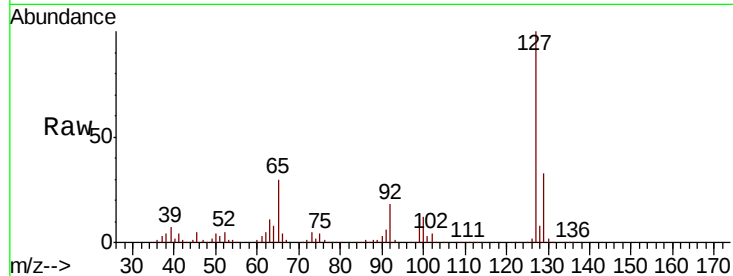
#33
4-Chloroaniline
Concen: 27.252 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampled :
PB131478BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		691815		
129	32.7	26.2	39.4		
65	29.7	21.8	32.6		
92	18.5	14.3	21.5		

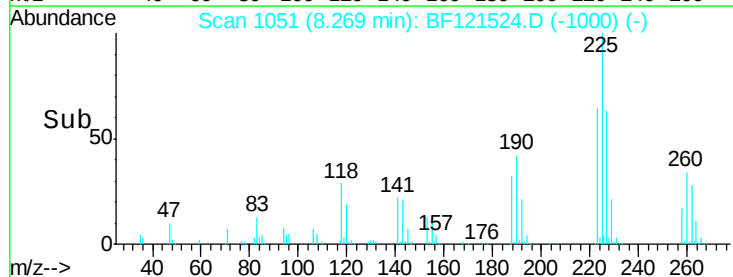
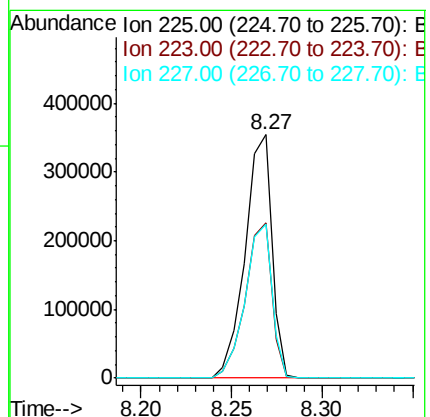
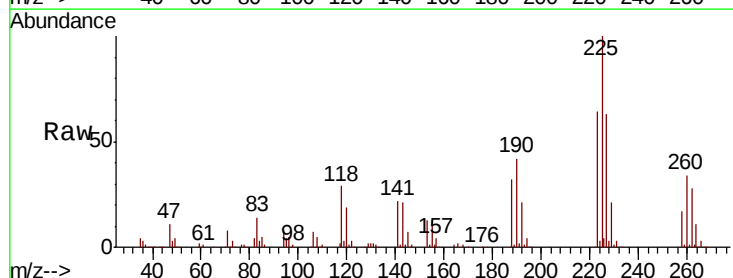
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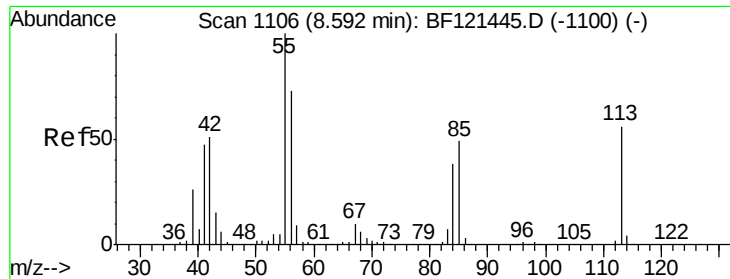
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#34
Hexachlorobutadiene
Concen: 32.325 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		364248		
223	63.6	51.8	77.6		
227	63.2	51.0	76.4		





#35

Caprolactam

Concen: 37.980 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

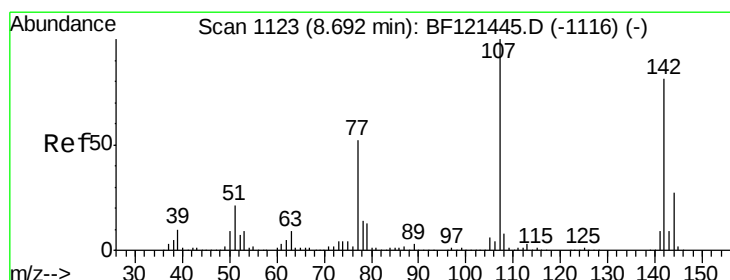
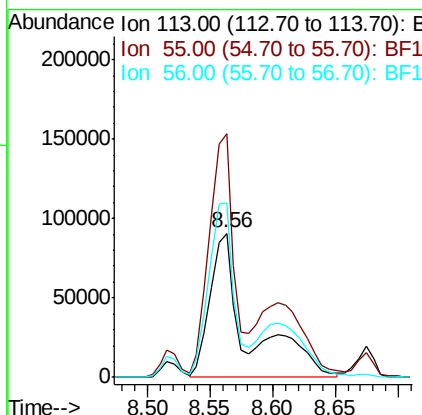
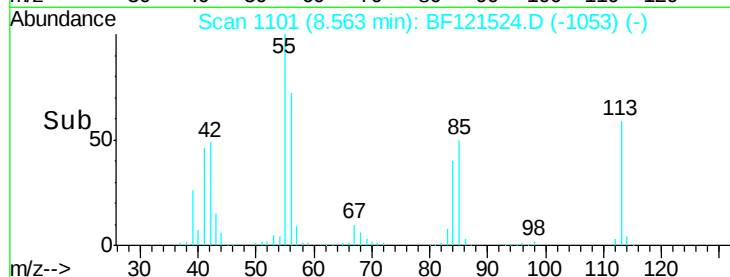
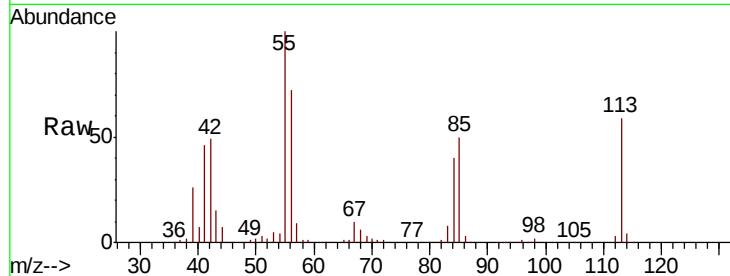
ClientSampleID :

PB131478BS

Tot Ion:	113	Resp:	191606
Ion Ratio	Lower	Upper	
113	100		
55	168.8	149.1	189.1
56	121.2	104.4	144.4

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#36

4-Chloro-3-methylphenol

Concen: 38.990 ng/mL

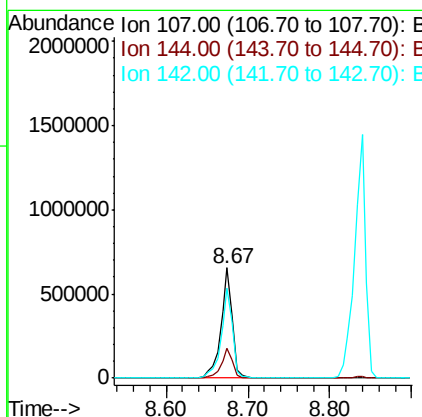
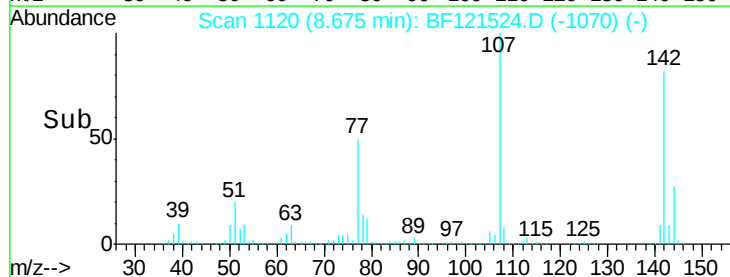
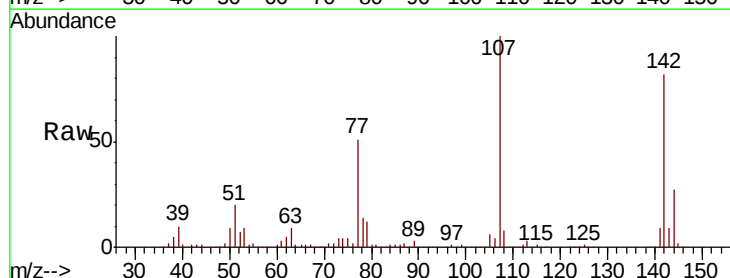
RT: 8.67 min Scan# 1120

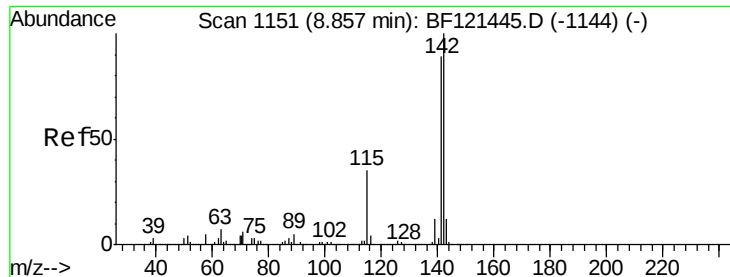
Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Tgt Ion:	107	Resp:	635864
Ion Ratio	Lower	Upper	
107	100		
144	26.6	21.3	31.9
142	81.7	64.9	97.3





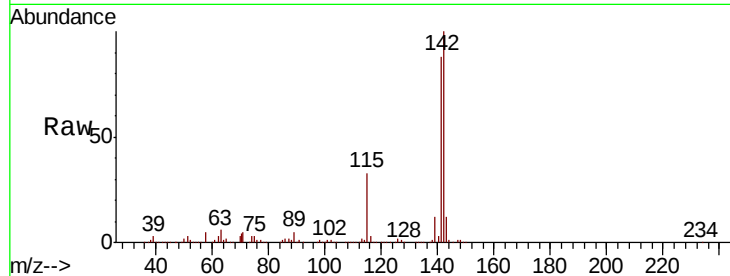
#37
2-Methylnaphthalene
Concen: 36.479 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.9	107.9
115	33.2	27.7	41.5

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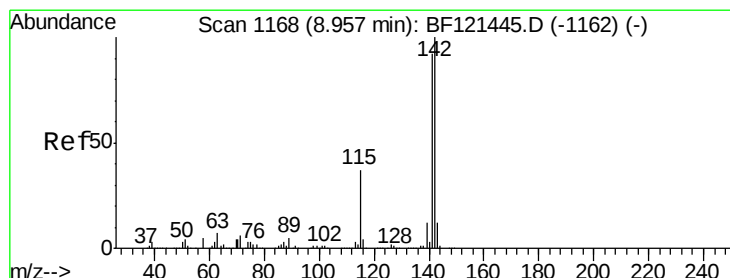
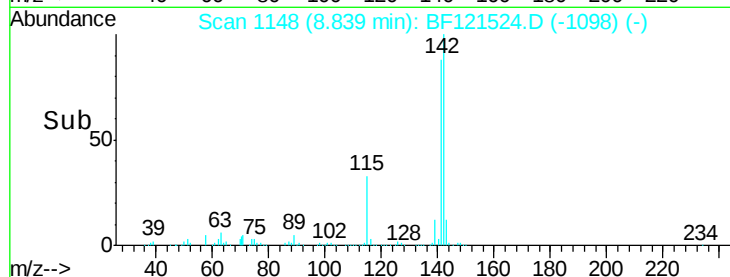
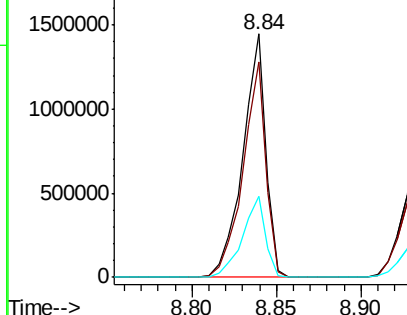


Abundance

Ion 142.00 (141.70 to 142.70): E

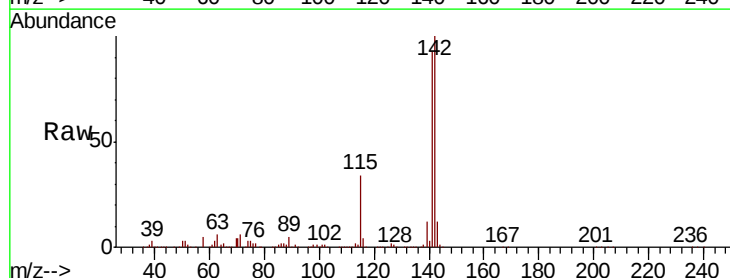
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 35.892 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.7	110.5
116	3.6	3.0	4.4

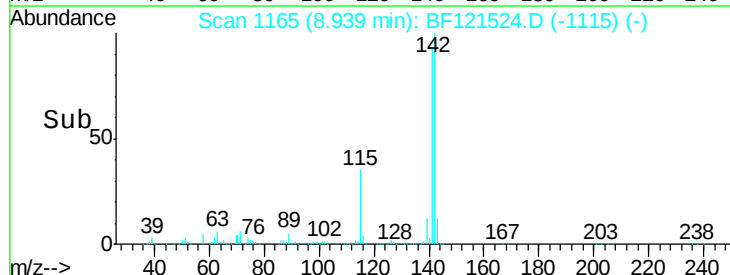
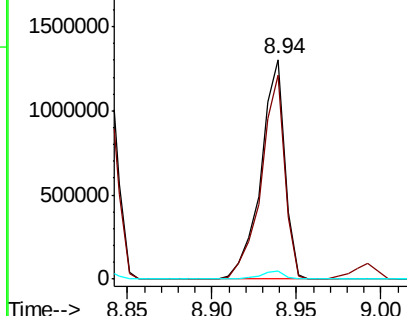


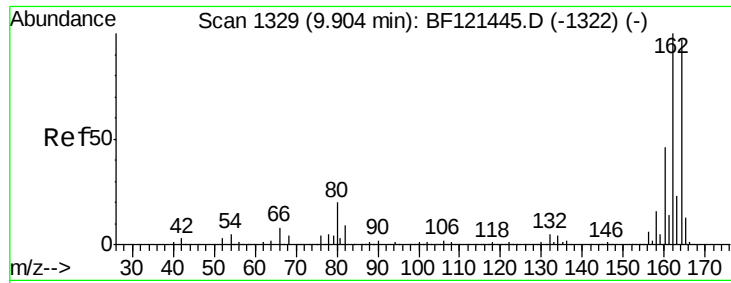
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





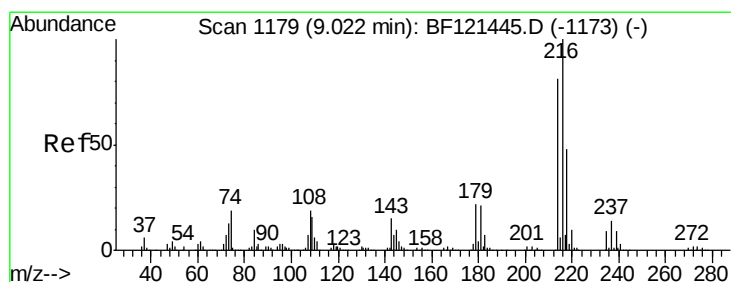
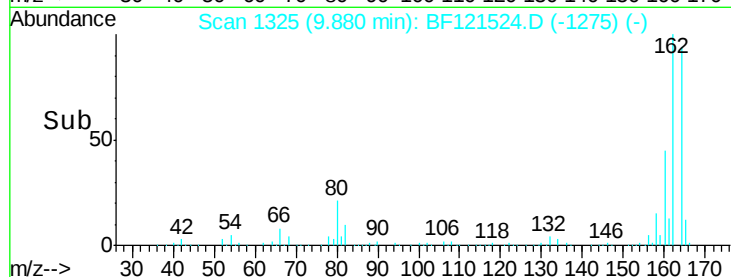
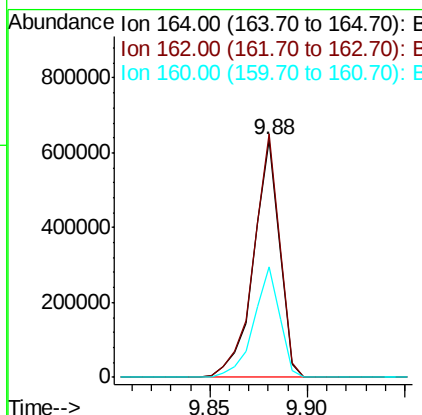
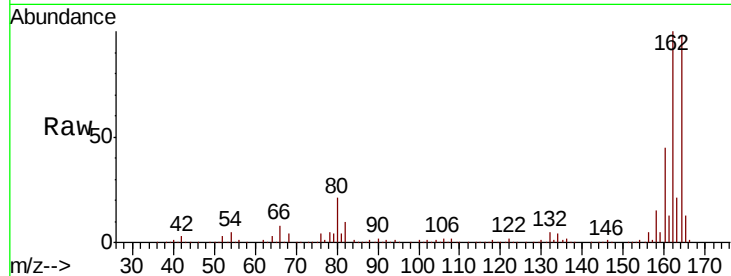
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.5	120.7
160	46.3	36.2	54.4

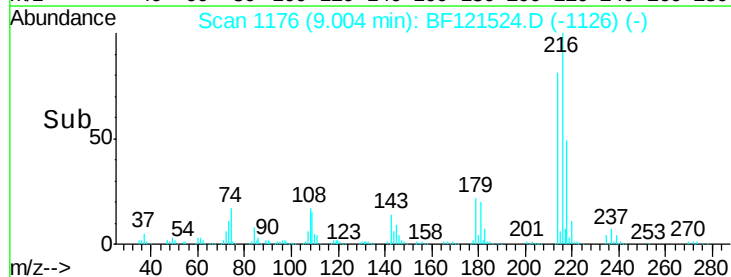
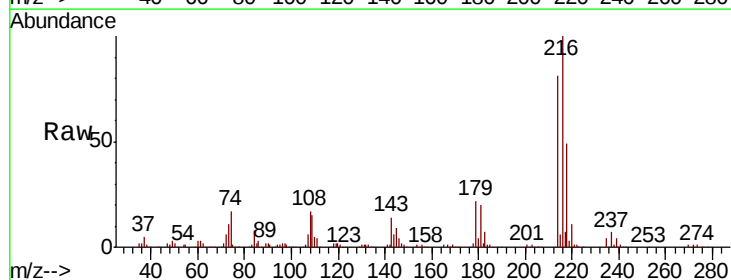
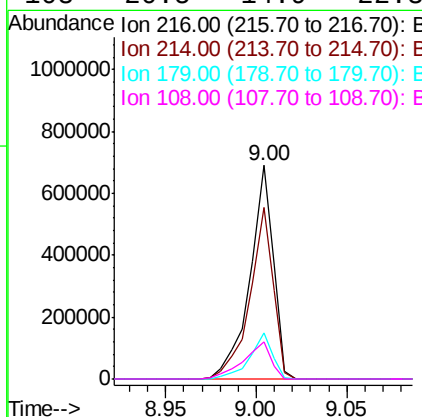
Manual Integrations
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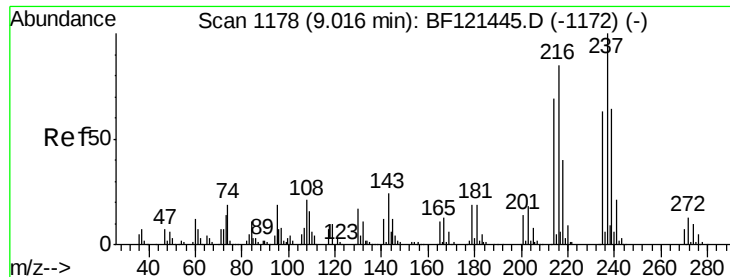
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.755 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.3	96.5
179	20.9	16.9	25.3
108	20.5	14.9	22.3





#41

Hexachlorocyclopentadiene

Concen: 97.995 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

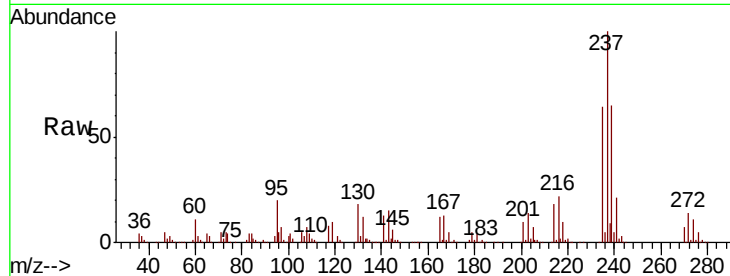
ClientSampleId :

PB131478BS

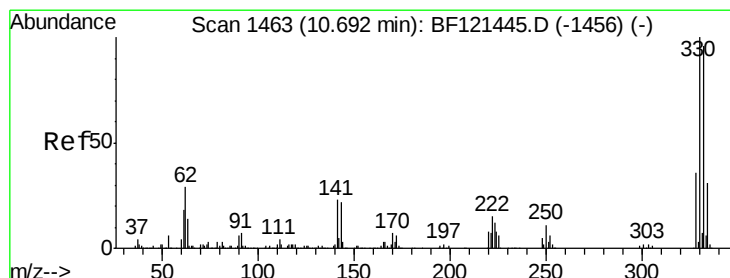
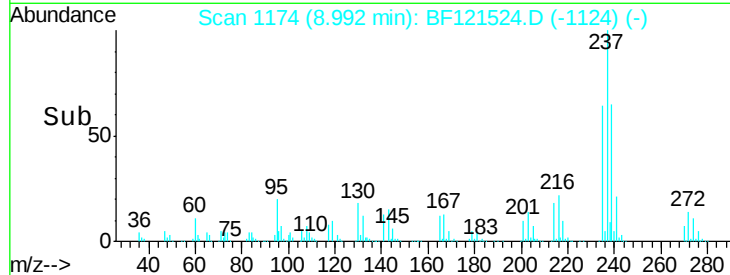
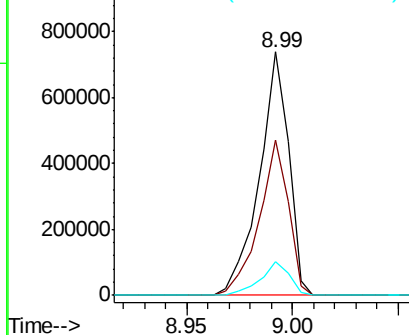
Tot Ion:	237	Resp:	716058
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.0	83.0
272	13.8	0.0	34.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 114.206 ng

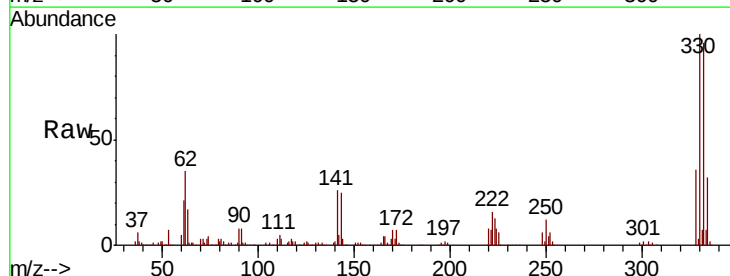
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

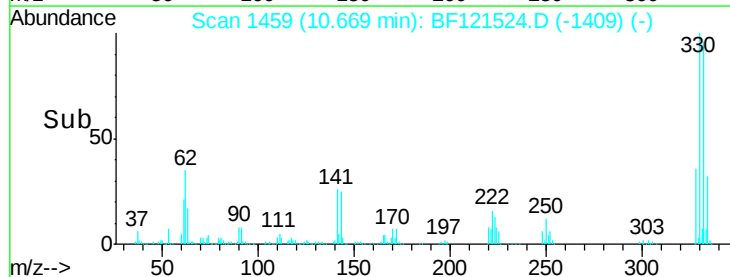
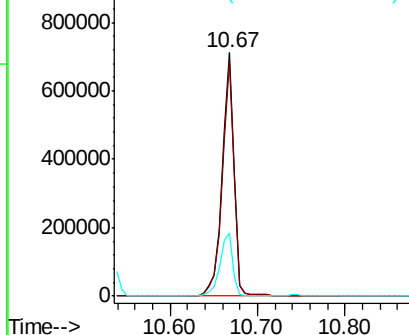
Lab File: BF121524.D

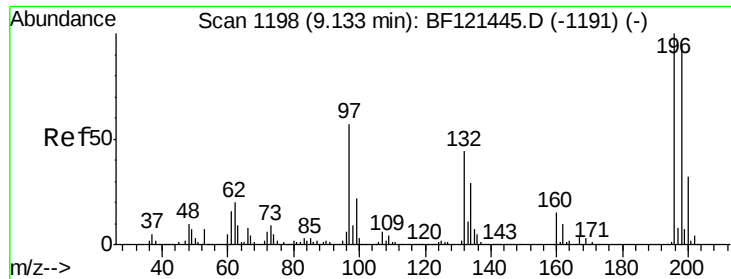
Acq: 8 Sep 2020 16:13

Tgt Ion:	330	Resp:	676182
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.2	114.2
141	28.4	22.6	34.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





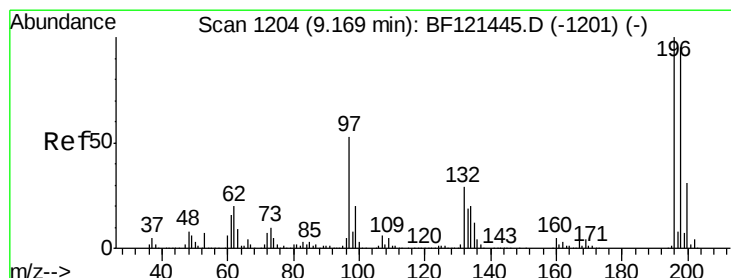
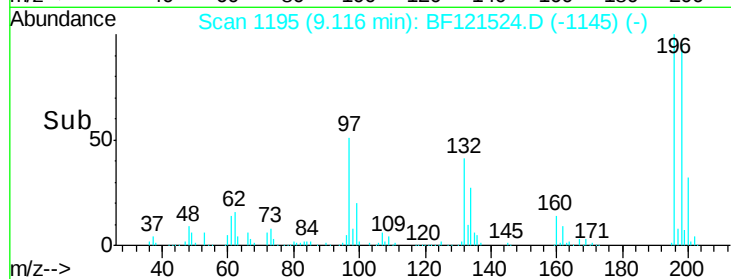
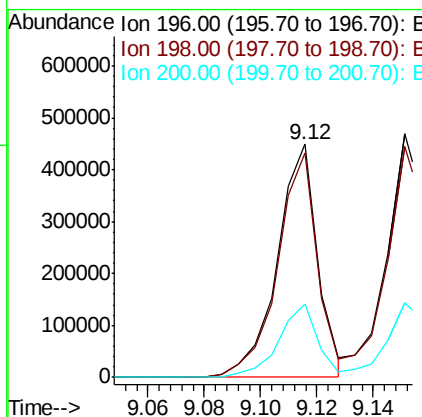
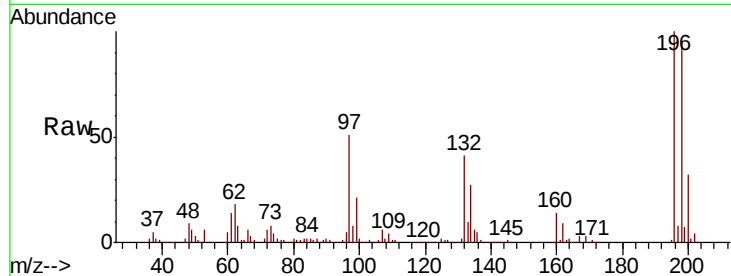
#43
 2,4,6-Trichlorophenol
 Concen: 40.372 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131478BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	443393		
198	96.3	77.1	115.7	
200	31.6	25.0	37.4	

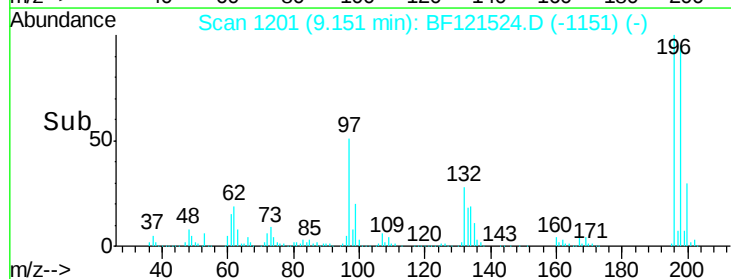
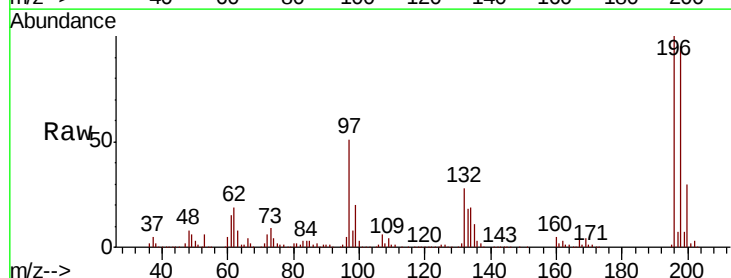
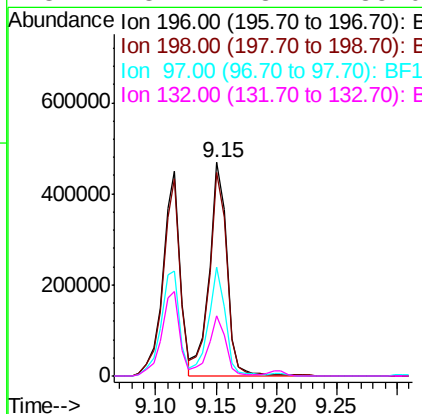
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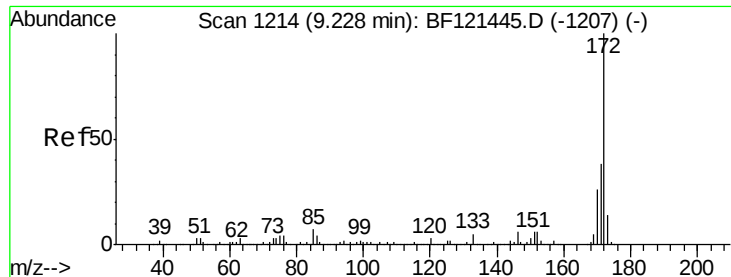
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#44
 2,4,5-Trichlorophenol
 Concen: 43.460 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	471985		
198	95.1	75.5	113.3	
97	50.9	42.2	63.4	
132	28.2	23.4	35.0	





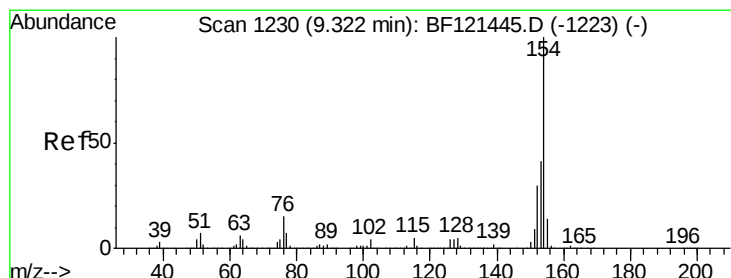
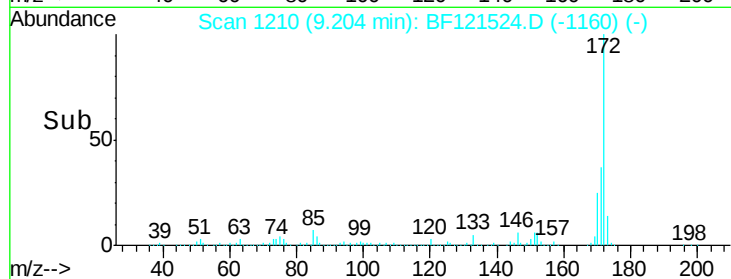
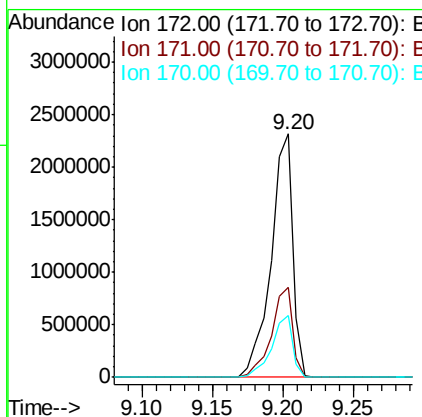
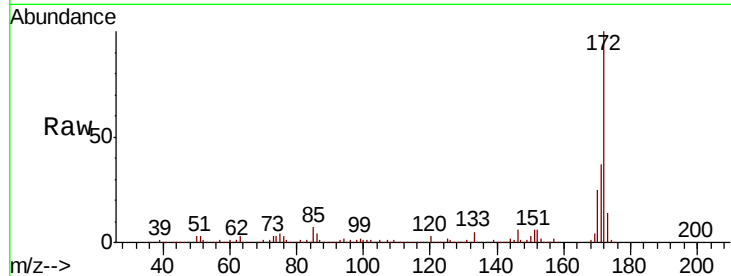
#45
2-Fluorobiphenyl
Concen: 68.972 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.4	45.6
170	25.2	20.7	31.1

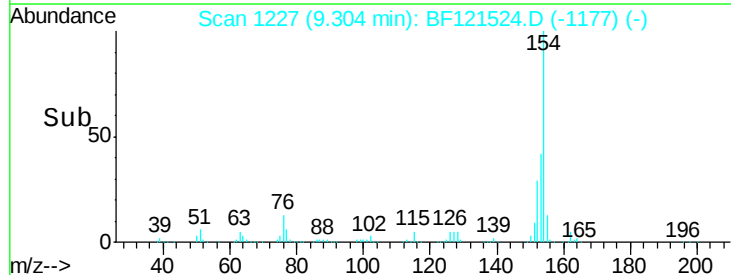
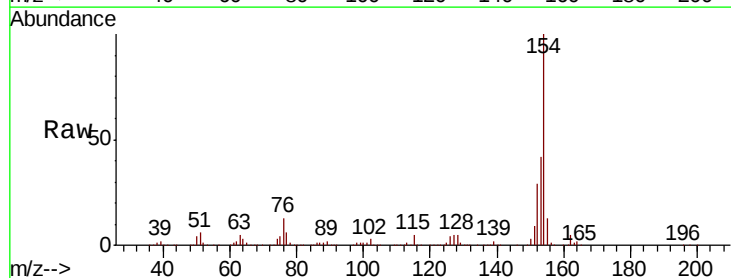
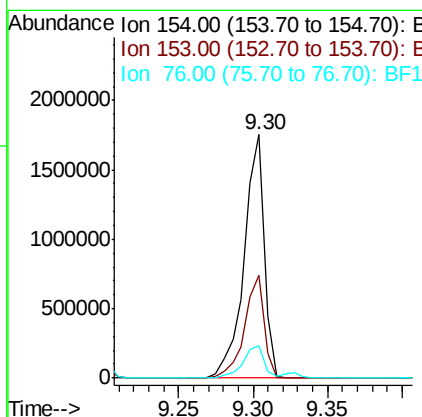
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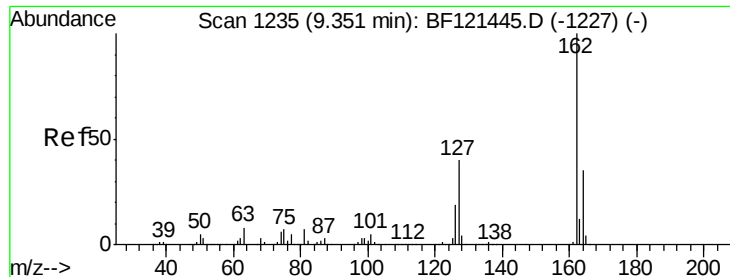
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#46
1,1'-Biphenyl
Concen: 36.990 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.1	62.1
76	13.1	0.0	33.5





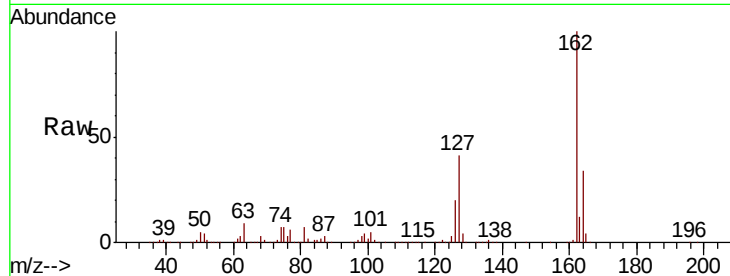
#47
2-Chloronaphthalene
Concen: 34.779 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

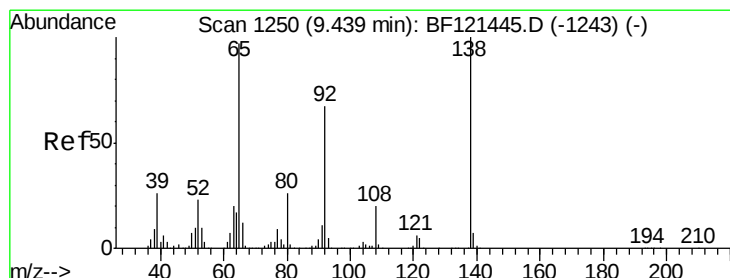
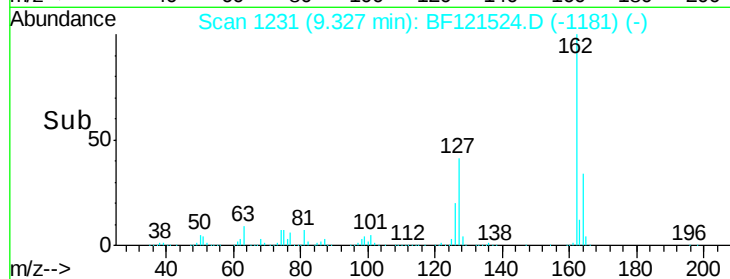
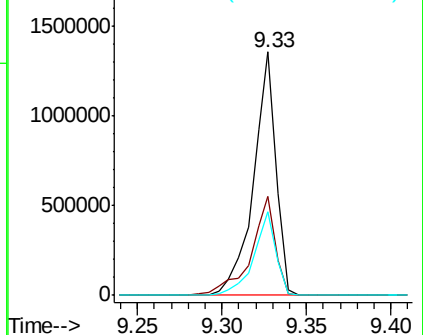
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	34.0	51.0
164	34.1	27.6	41.4

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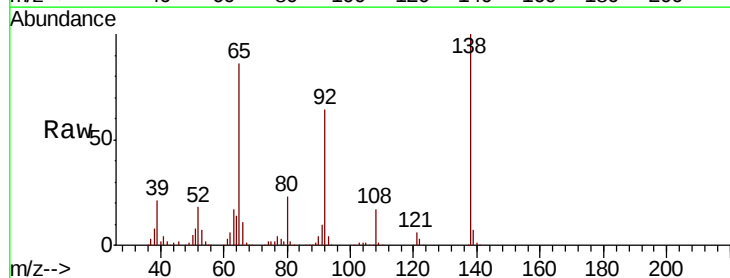


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

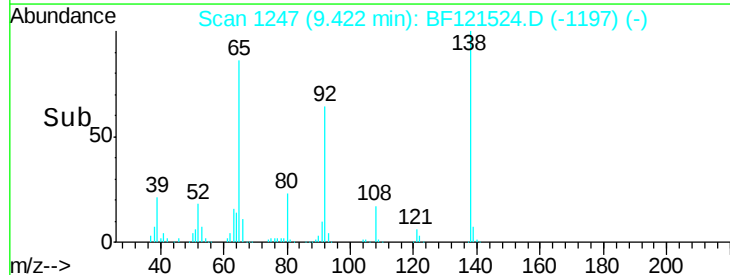
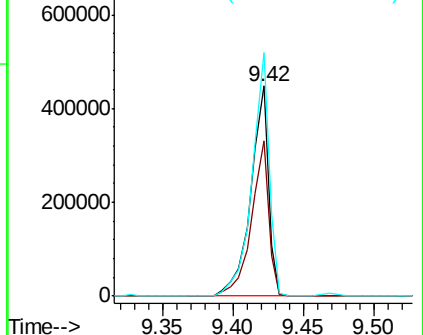


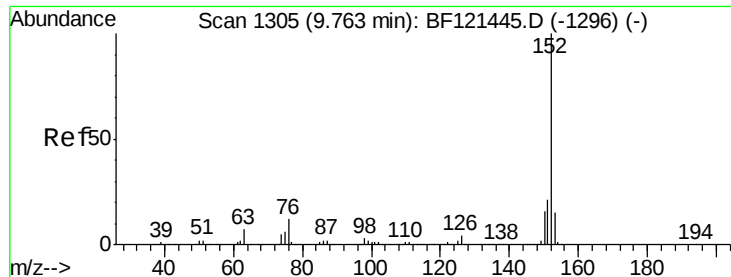
#48
2-Nitroaniline
Concen: 40.329 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	58.6	87.8
138	115.8	88.6	133.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.089 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

ClientSampleId :

PB131478BS

Tot Ion:152 Resp: 2022672

Ion Ratio Lower Upper

152 100

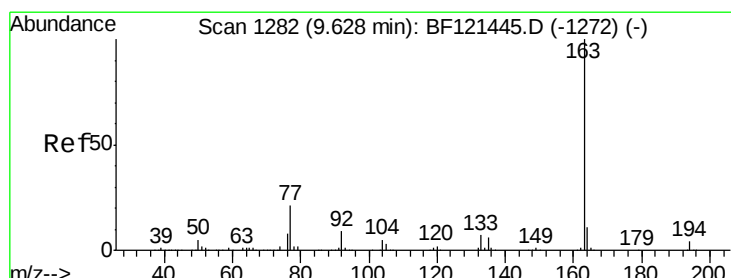
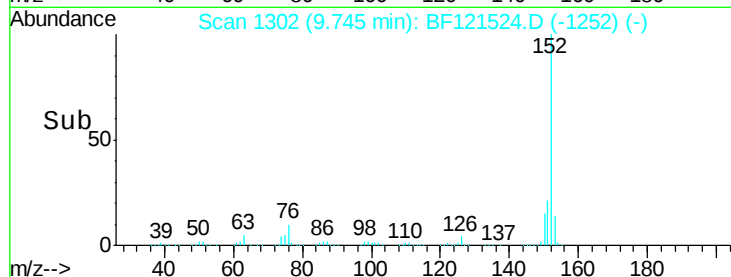
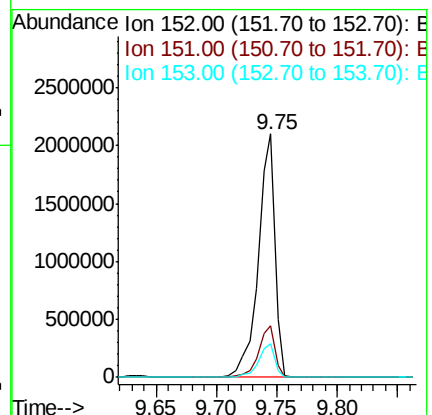
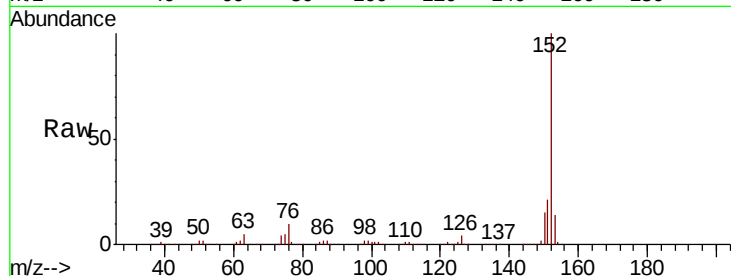
151 21.0 17.3 25.9

153 13.8 11.3 16.9

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#50

Dimethylphthalate

Concen: 36.505 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

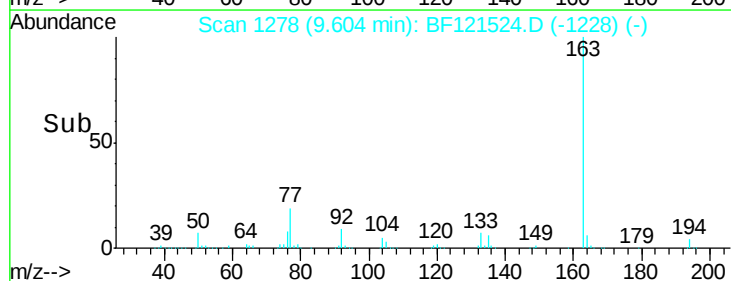
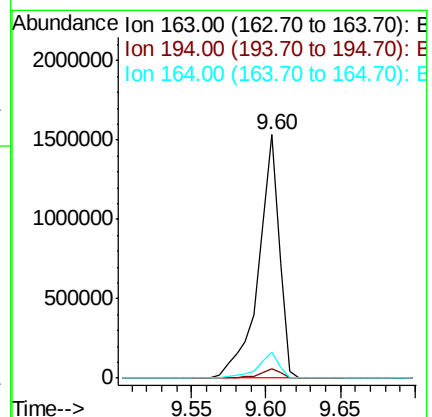
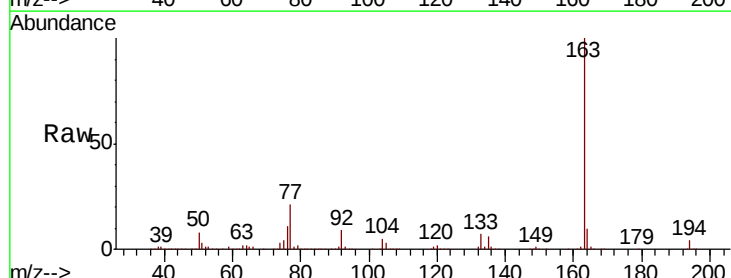
Tgt Ion:163 Resp: 1469868

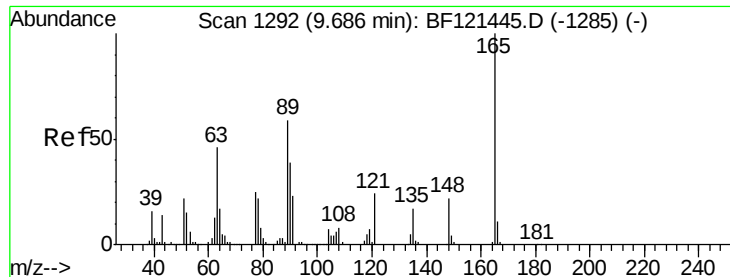
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.4 8.6 13.0





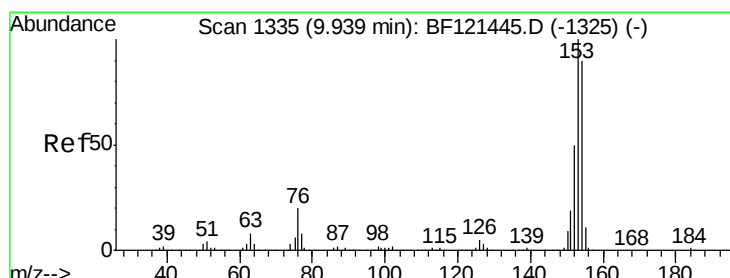
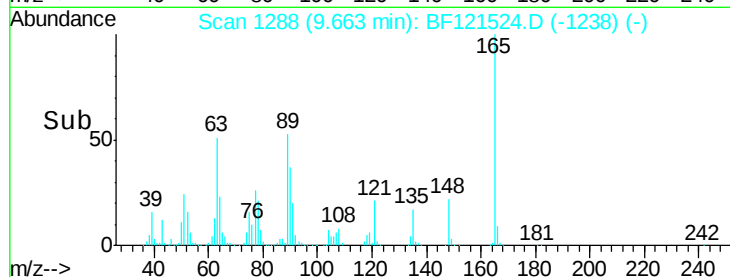
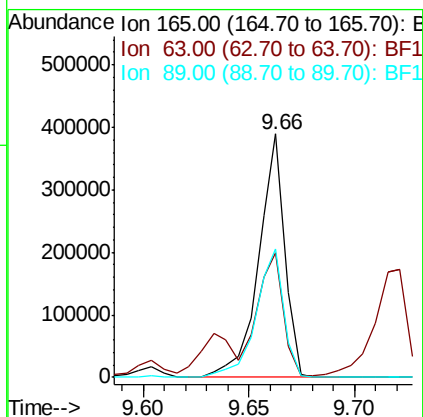
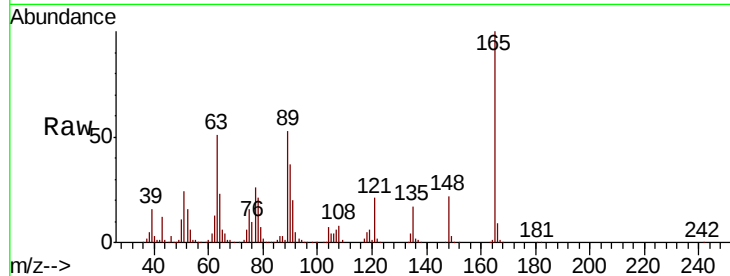
#51
2,6-Dinitrotoluene
Concen: 44.859 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampled :
PB131478BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.1	47.4	71.0	
89	52.7	47.9	71.9	

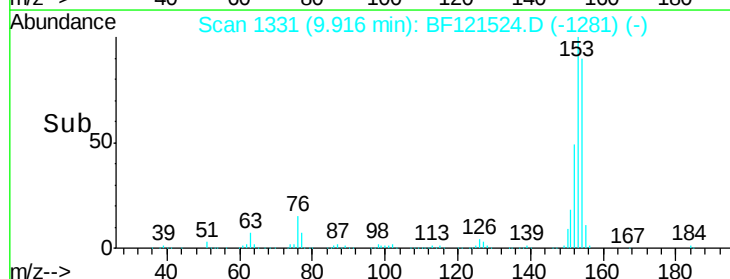
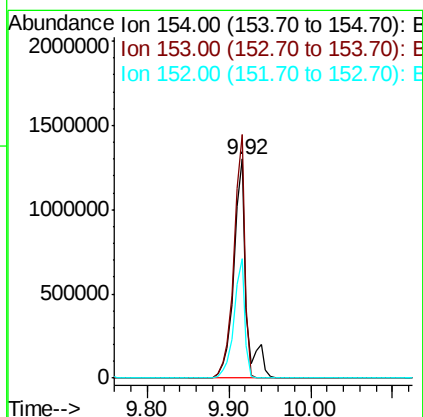
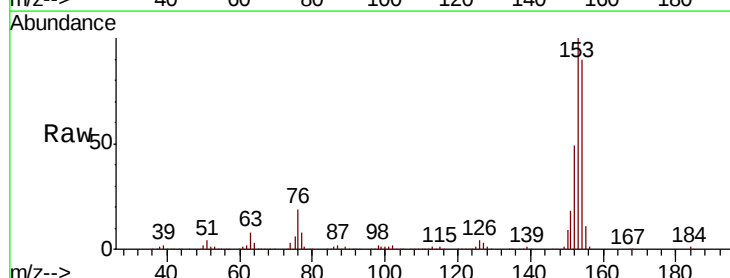
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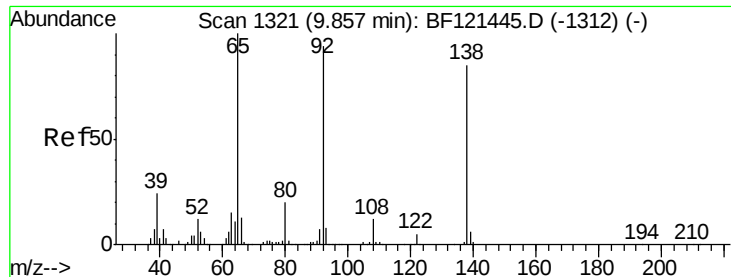
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#52
Acenaphthene
Concen: 40.544 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.2	89.9	134.9	
152	54.6	44.6	66.8	





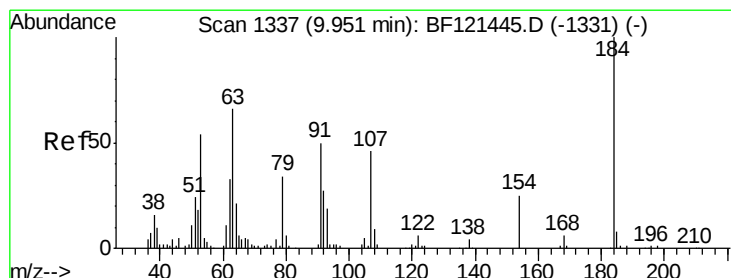
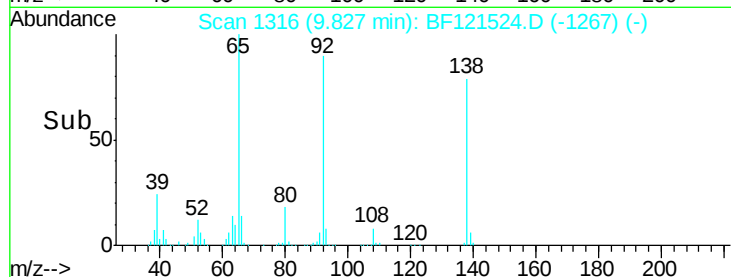
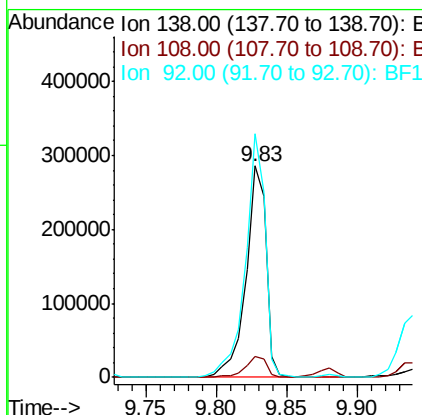
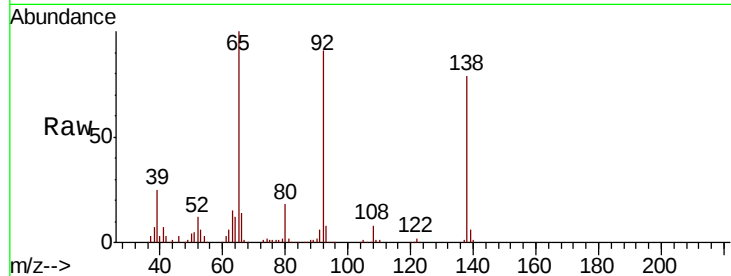
#53
3-Nitroaniline
Concen: 31.827 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	115.2	91.1	136.7

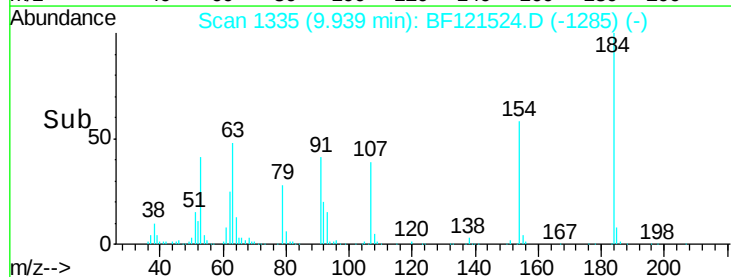
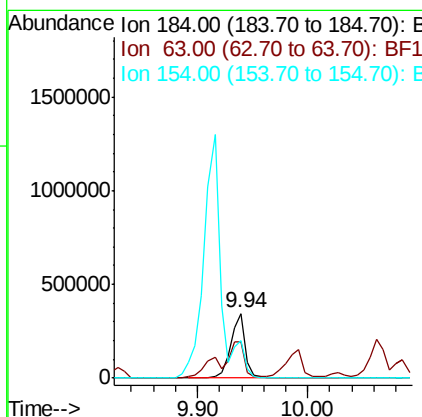
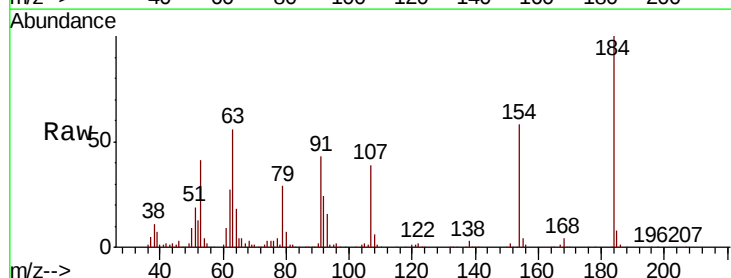
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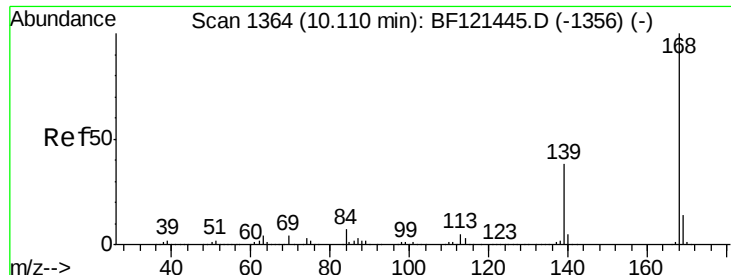
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#54
2,4-Dinitrophenol
Concen: 85.398 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.7	41.8	62.8
154	58.1	45.5	68.3





#55

Dibenzenofuran

Concen: 36.798 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

ClientSampleId :

PB131478BS

Tot Ion:168 Resp: 1840716

Ion Ratio Lower Upper

168 100

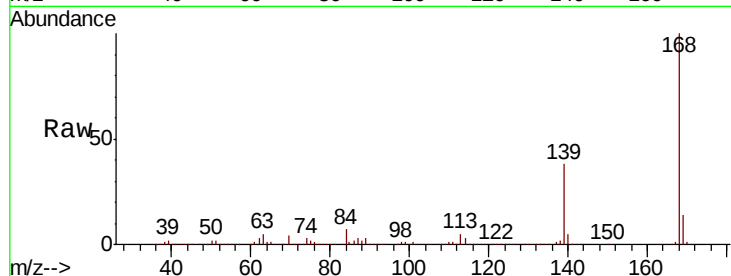
139 37.8 30.4 45.6

169 14.1 11.5 17.3

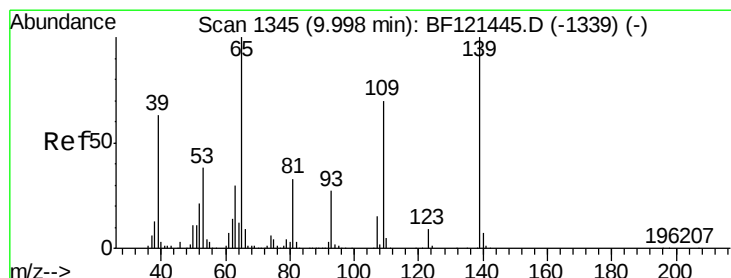
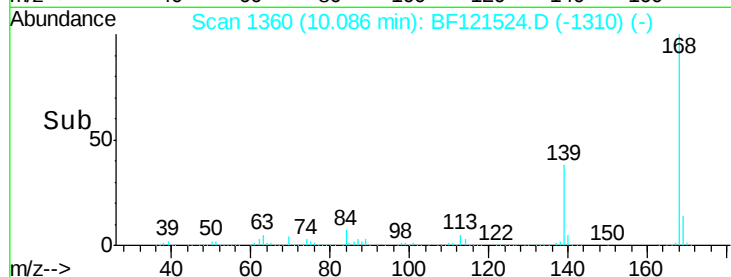
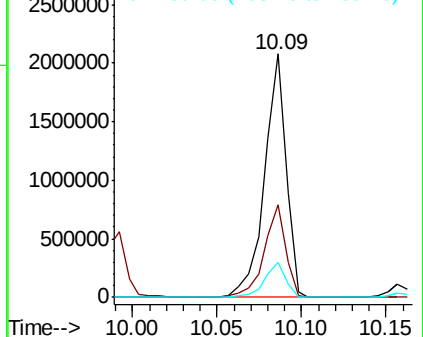
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.605 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

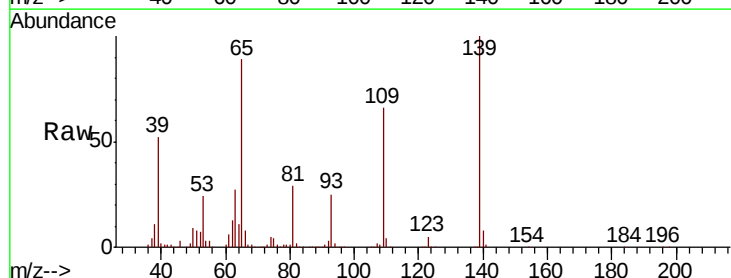
Tgt Ion:139 Resp: 601308

Ion Ratio Lower Upper

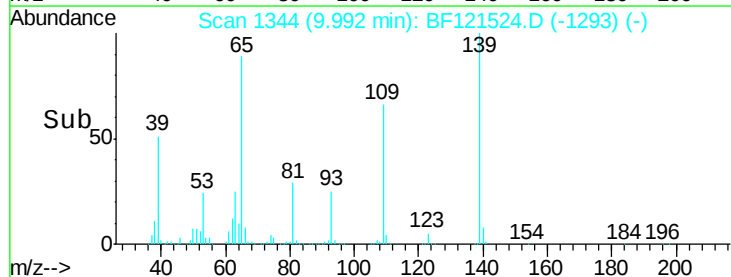
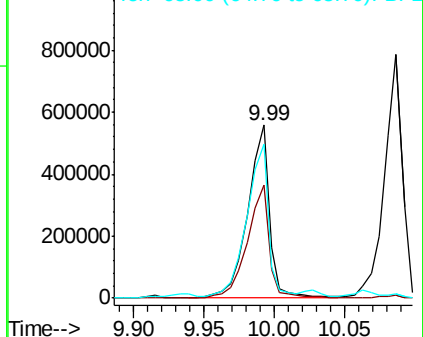
139 100

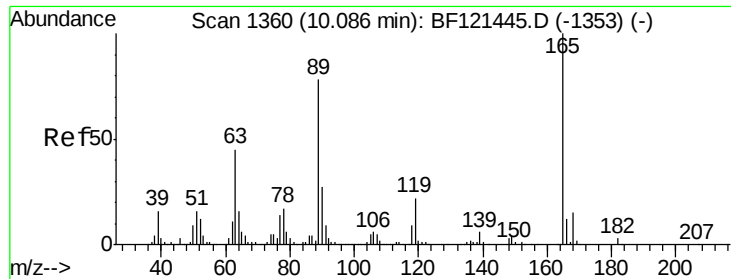
109 65.6 44.3 84.3

65 89.2 70.2 110.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





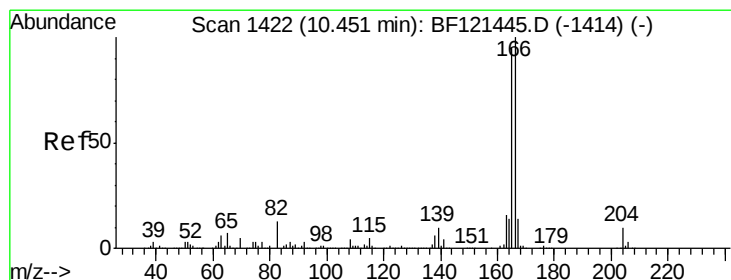
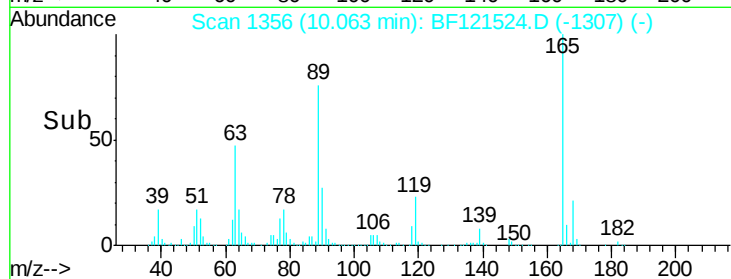
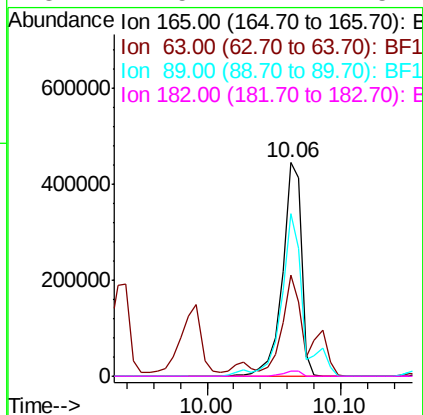
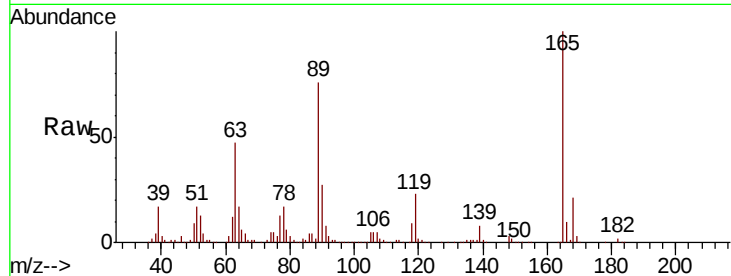
#57
 2,4-Dinitrotoluene
 Concen: 48.124 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131478BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.3	33.6	50.4
89	76.1	56.4	84.6
182	2.5	2.2	3.4

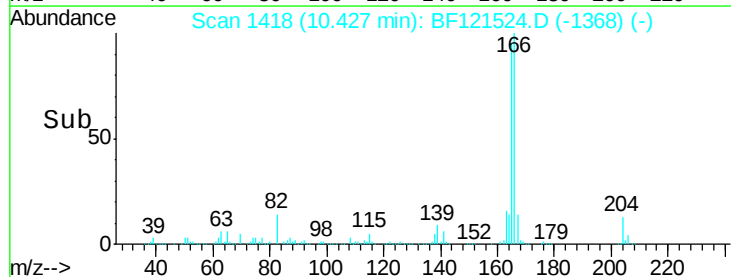
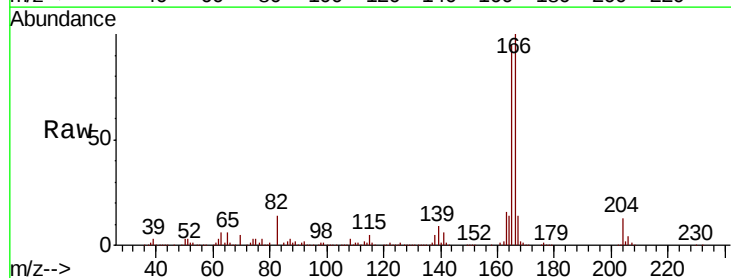
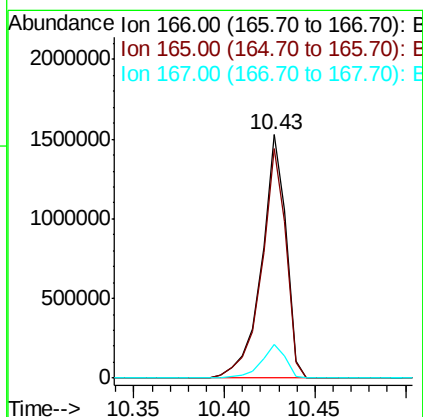
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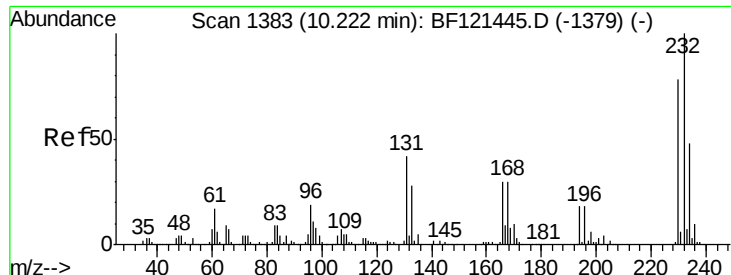
Sohil
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#58
 Fluorene
 Concen: 37.956 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.3	112.9
167	13.9	11.1	16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.590 ng

RT: 10.20 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

ClientSampleId :

PB131478BS

Tot Ion:232 Resp: 403178

Ion Ratio Lower Upper

232 100

131 43.2 34.4 51.6

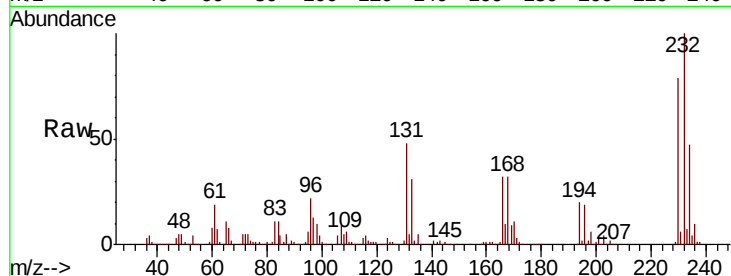
130 2.1 1.8 2.6

166 29.1 23.8 35.6

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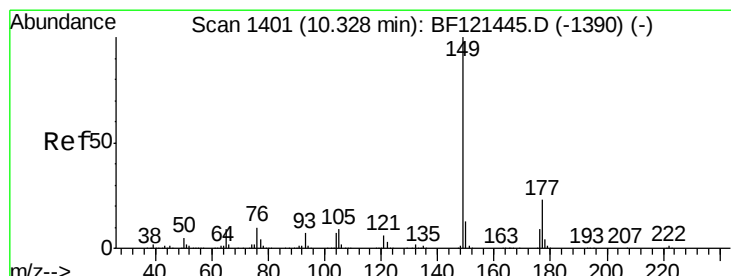
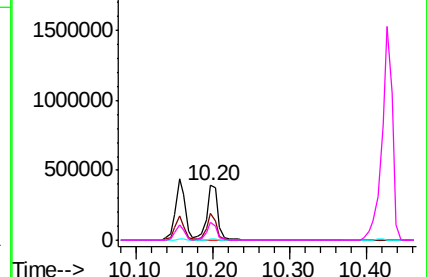
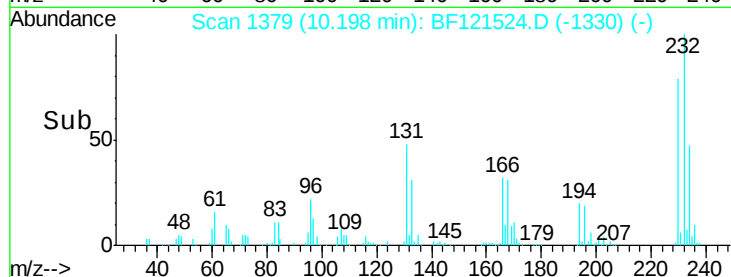


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 36.604 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

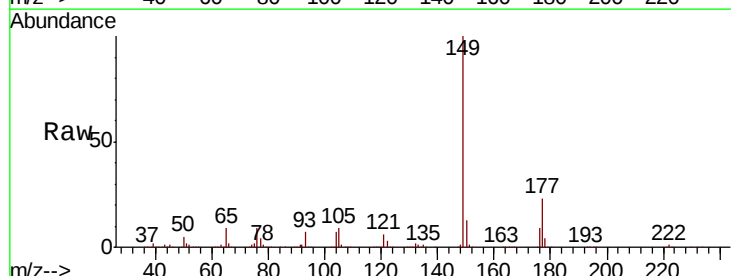
Tgt Ion:149 Resp: 1480747

Ion Ratio Lower Upper

149 100

177 22.9 19.0 28.4

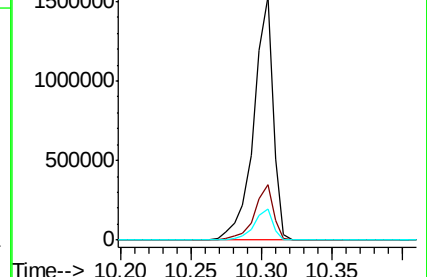
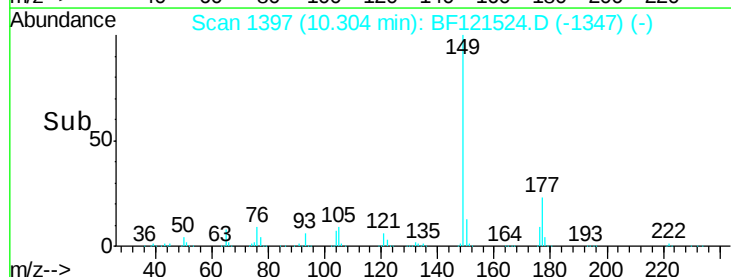
150 12.7 10.3 15.5

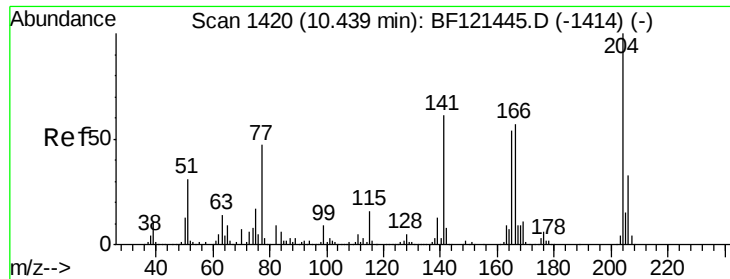


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





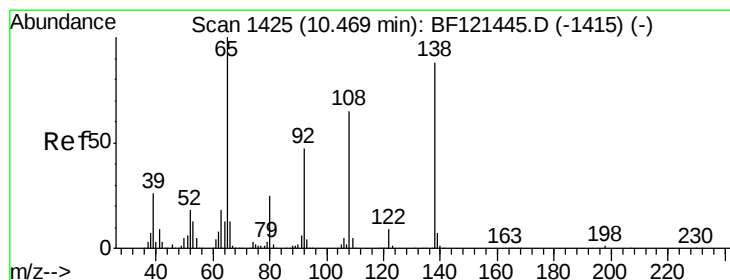
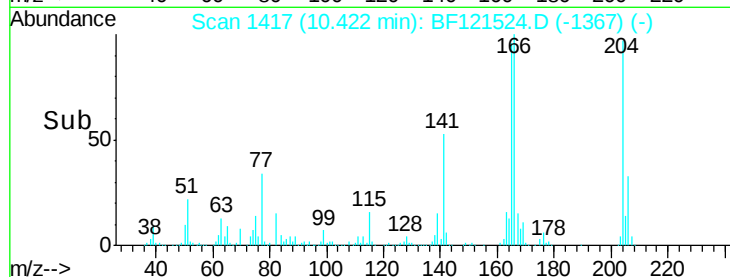
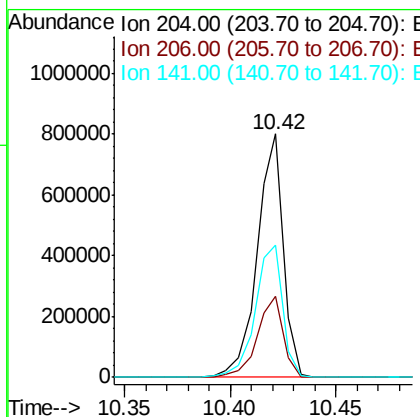
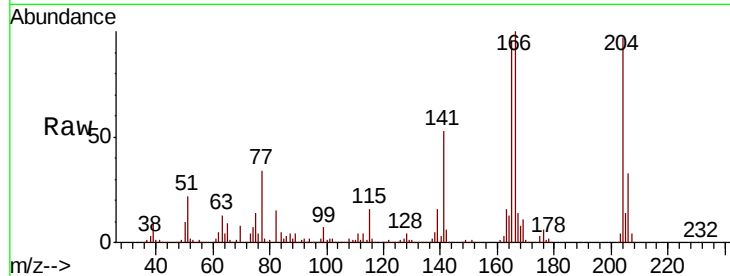
#61
4-Chlorophenyl-phenylether
Concen: 36.436 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampled :
PB131478BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	40.0
141	54.3	44.4	66.6

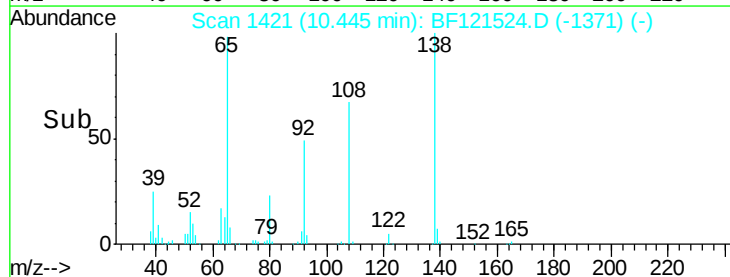
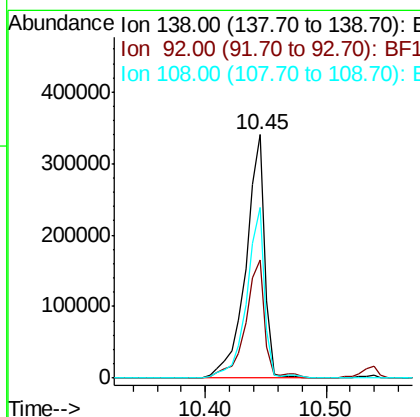
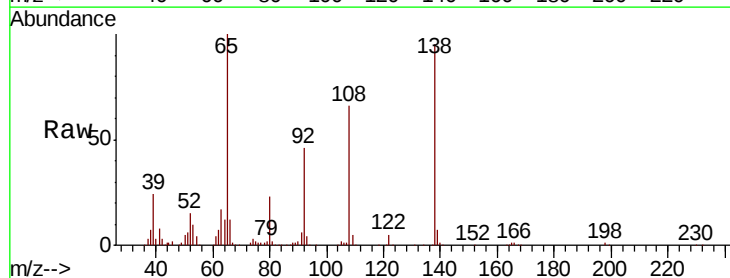
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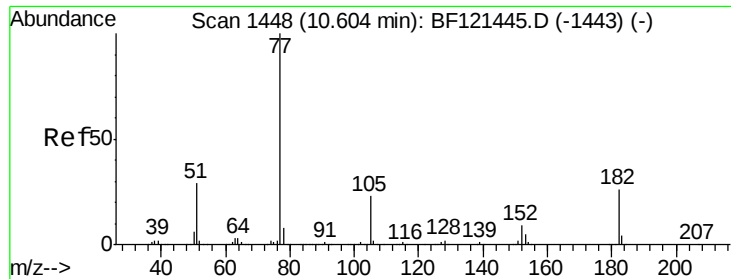
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#62
4-Nitroaniline
Concen: 38.718 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	32.2	72.2
108	69.9	49.1	89.1





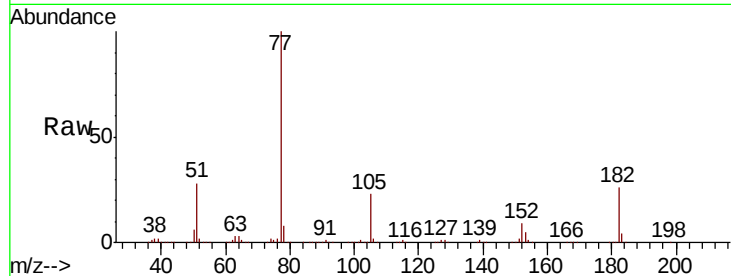
#63
Azobenzene
Concen: 36.185 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

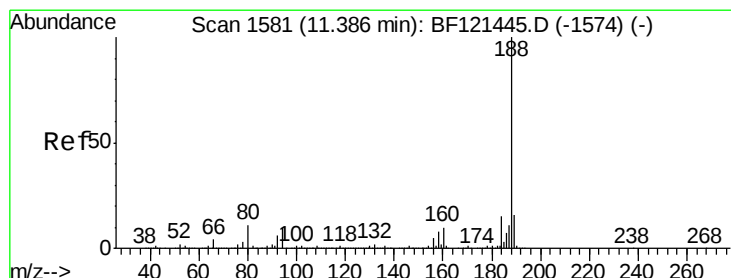
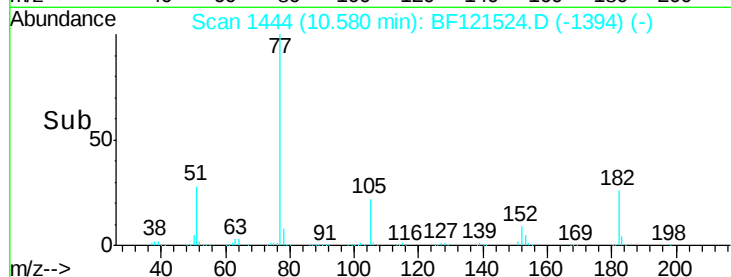
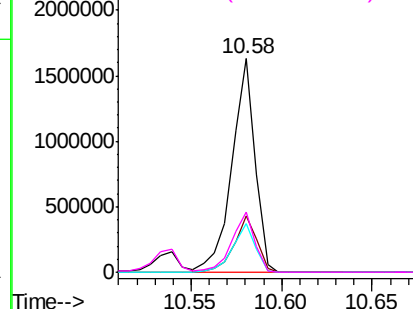
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	6.8	46.8	
105	23.1	3.0	43.0	
51	28.1	8.3	48.3	

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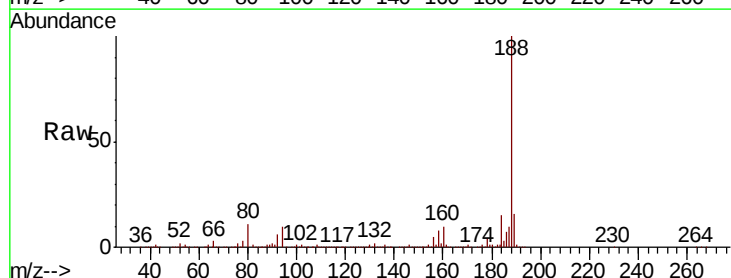


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

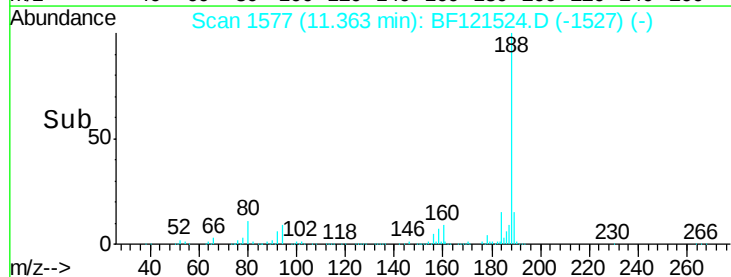
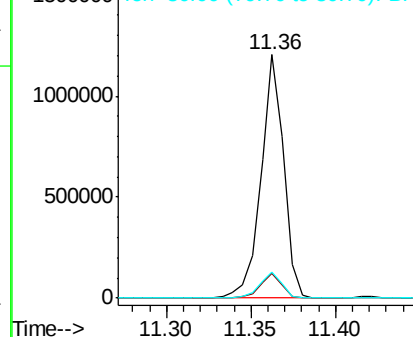


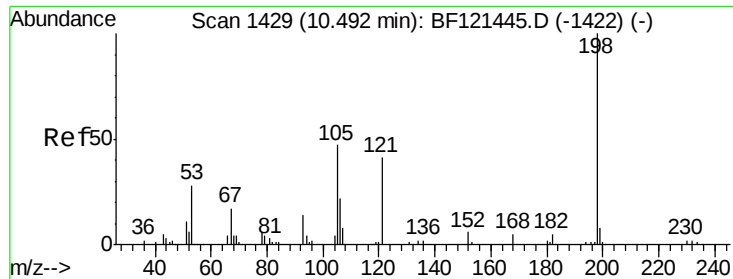
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.1	8.8	13.2	
80	10.7	9.1	13.7	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





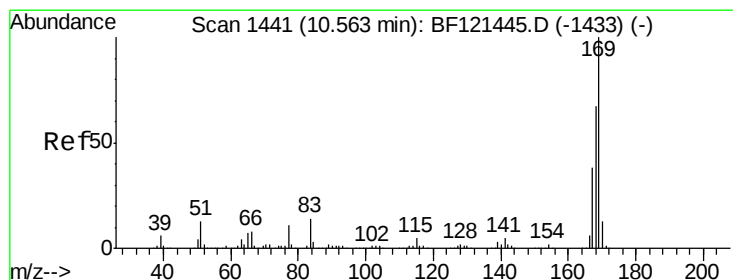
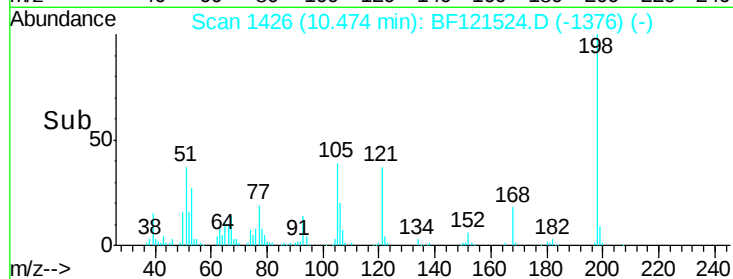
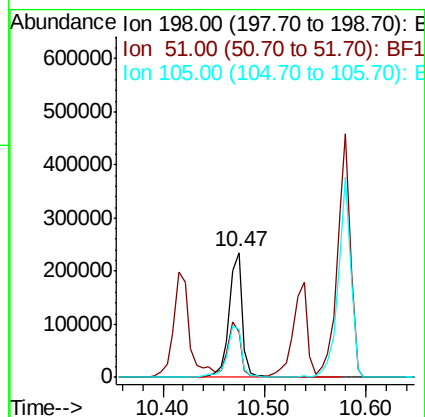
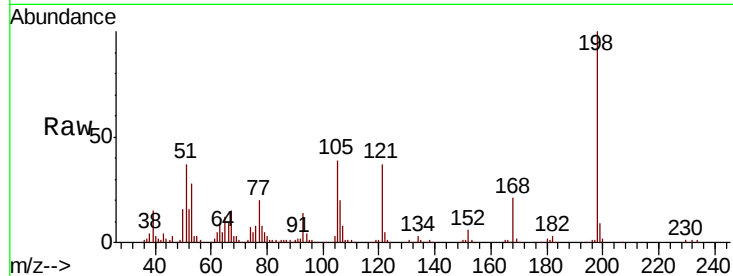
#65
 4,6-Dinitro-2-methylphenol
 Concen: 58.130 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131478BS

Tot Ion:	198	Resp:	214941
Ion Ratio	Lower	Upper	
198	100		
51	36.6	24.9	64.9
105	38.8	25.8	65.8

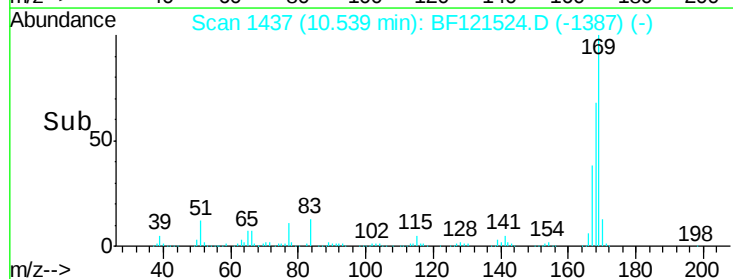
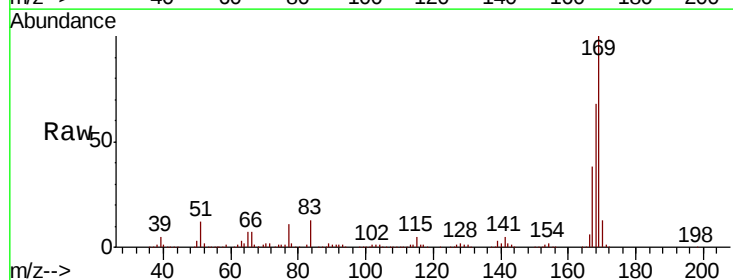
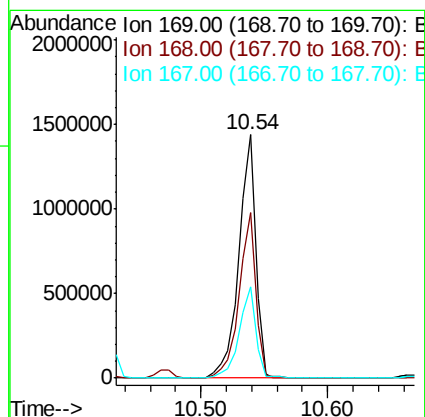
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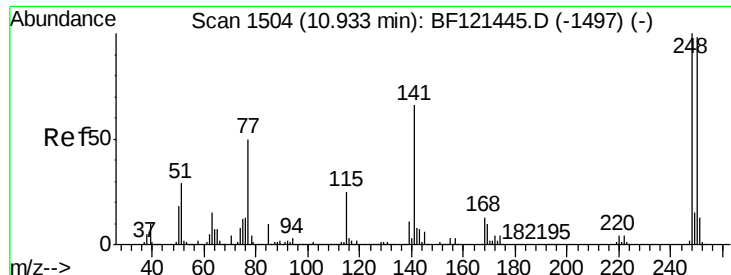
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#66
 n-Nitrosodiphenylamine
 Concen: 37.058 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Tgt Ion:	169	Resp:	1317507
Ion Ratio	Lower	Upper	
169	100		
168	68.1	53.8	80.8
167	37.6	29.8	44.8





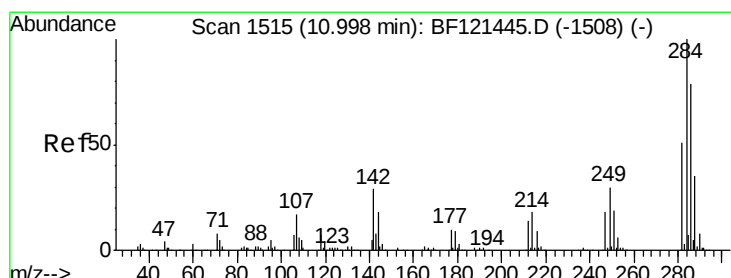
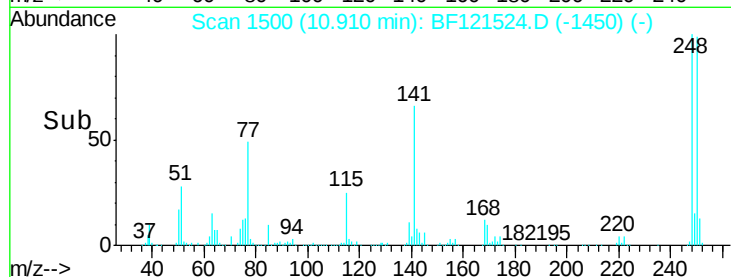
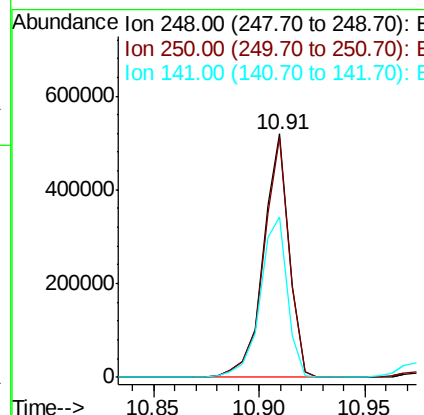
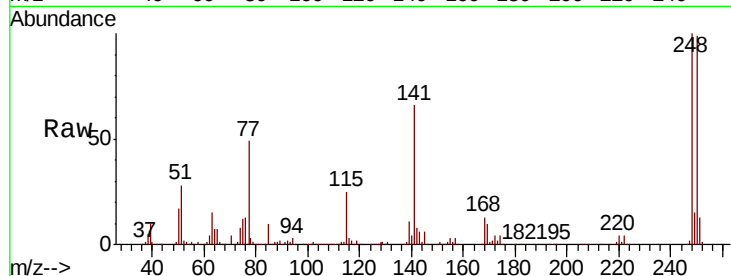
#67
4-Bromophenyl-phenylether
Concen: 35.565 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.8	116.6
141	65.7	56.4	84.6

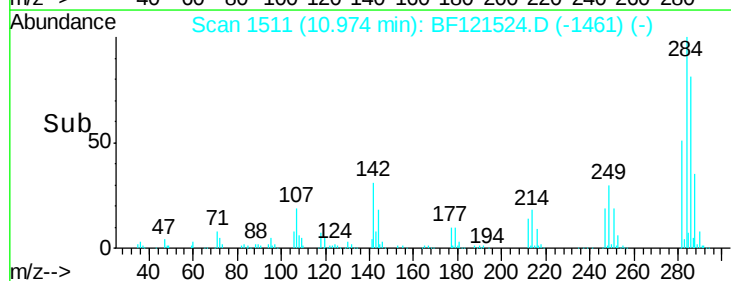
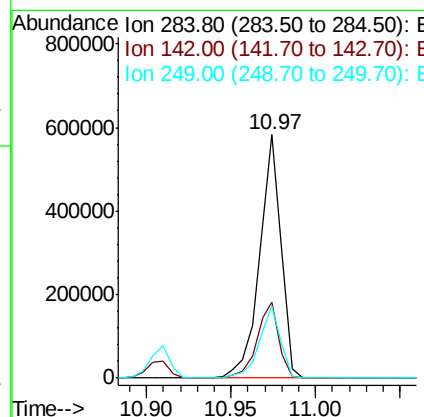
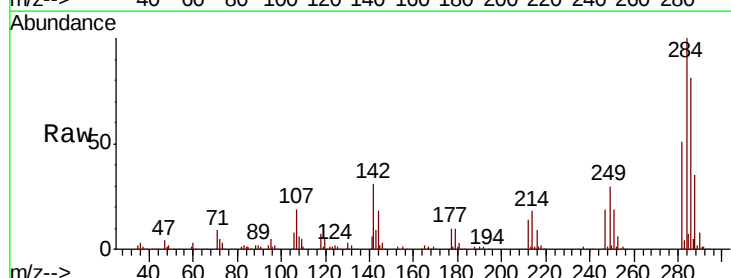
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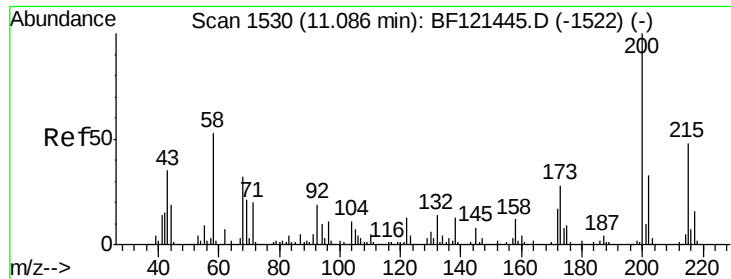
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#68
Hexachlorobenzene
Concen: 35.788 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	26.1	39.1
249	29.8	24.2	36.4





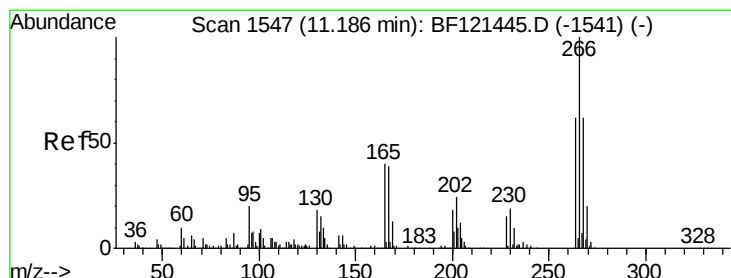
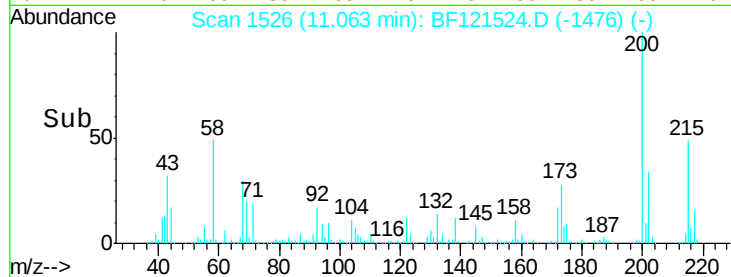
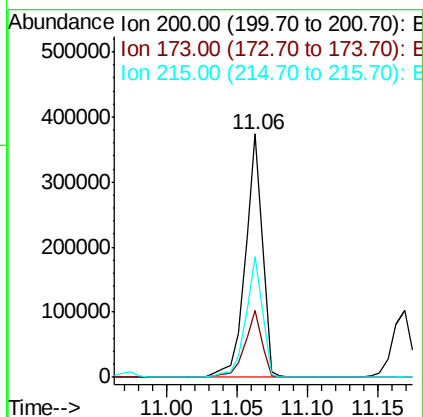
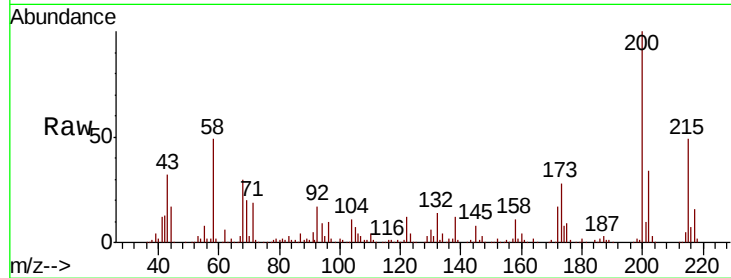
#69
Atrazine
Concen: 30.447 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.5	8.0	48.0
215	49.5	28.1	68.1

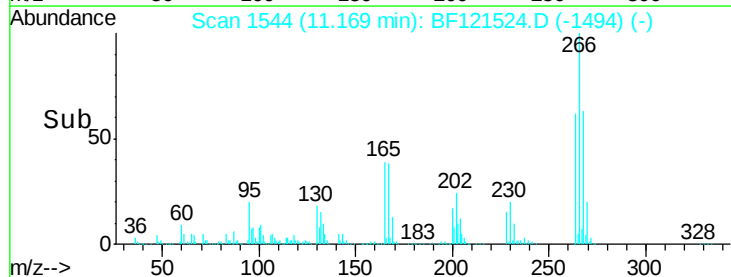
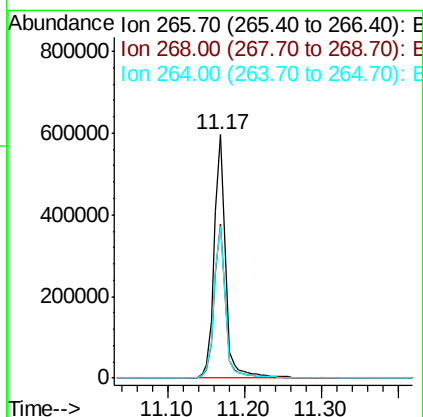
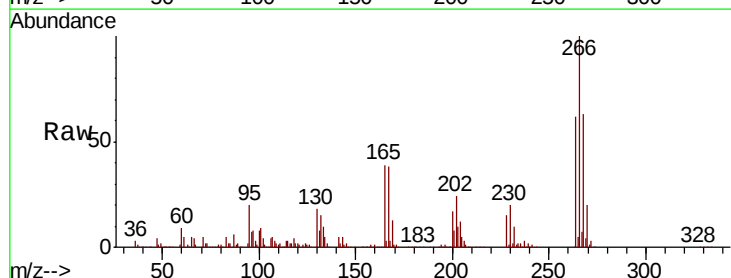
Manual Integrations
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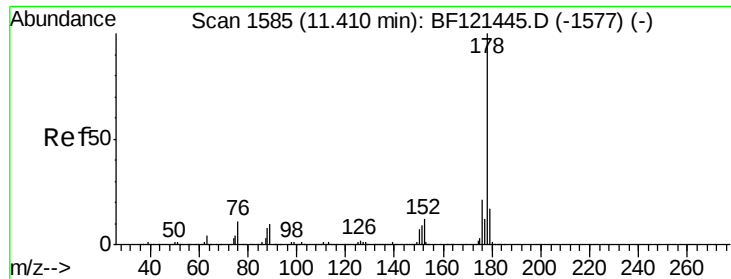
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#70
Pentachlorophenol
Concen: 90.644 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	51.1	76.7
264	62.4	50.1	75.1





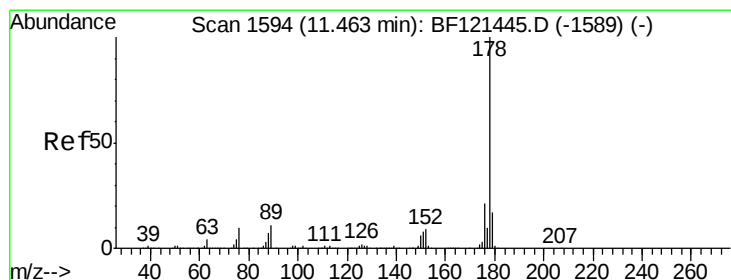
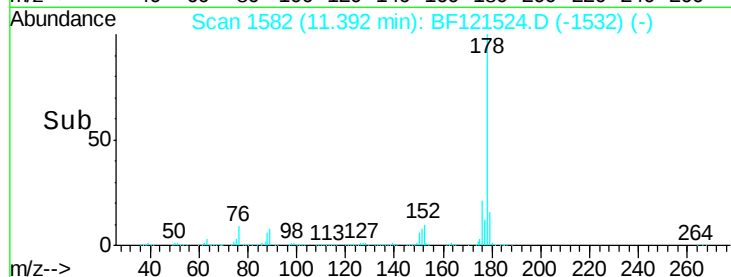
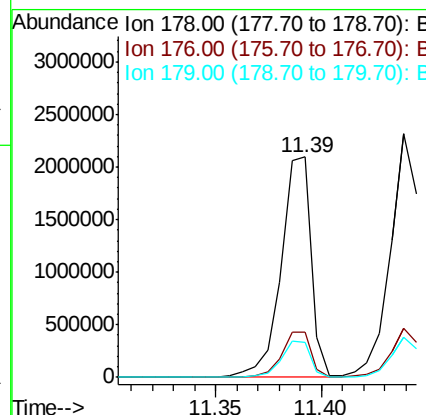
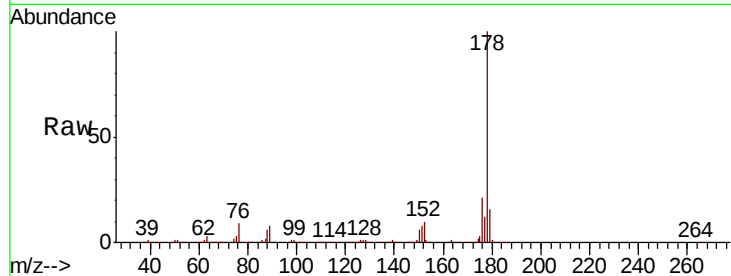
#71
Phenanthrene
Concen: 36.099 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB131478BS

Tot Ion:178 Resp: 2082445
Ion Ratio Lower Upper
178 100
176 20.6 17.0 25.4
179 15.9 13.2 19.8

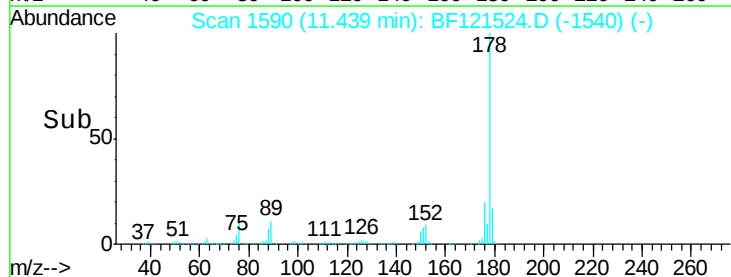
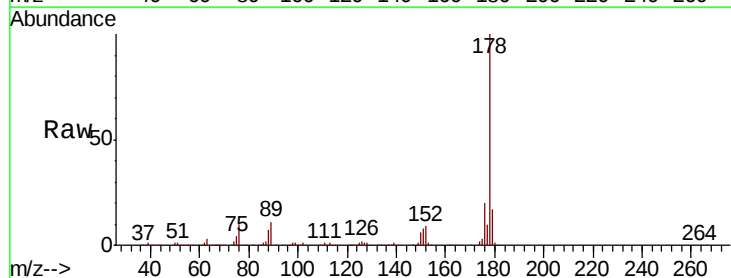
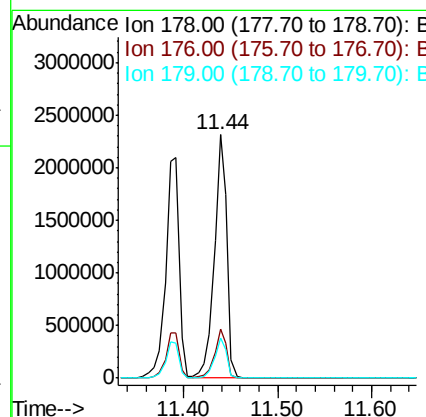
Manual Integrations
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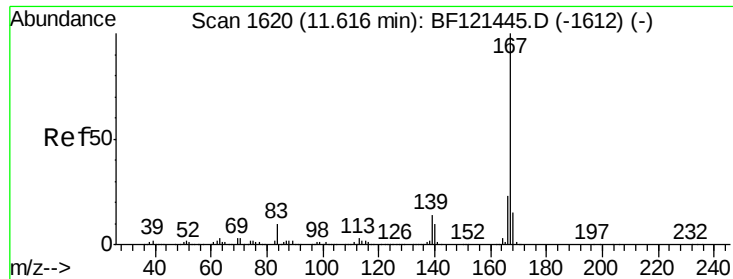
Sohil
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#72
Anthracene
Concen: 38.431 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion:178 Resp: 2180464
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 16.5 13.4 20.0





#73

Carbazole

Concen: 37.739 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

ClientSampleId :

PB131478BS

Tot Ion:167 Resp: 2064764

Ion Ratio Lower Upper

167 100

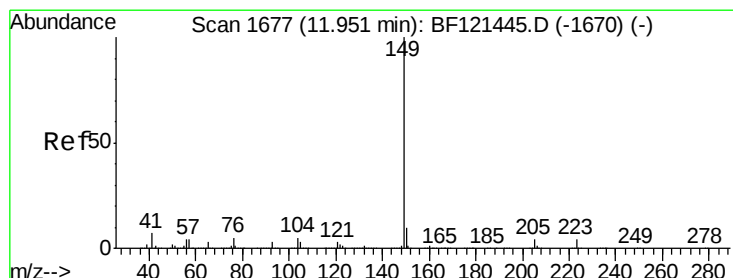
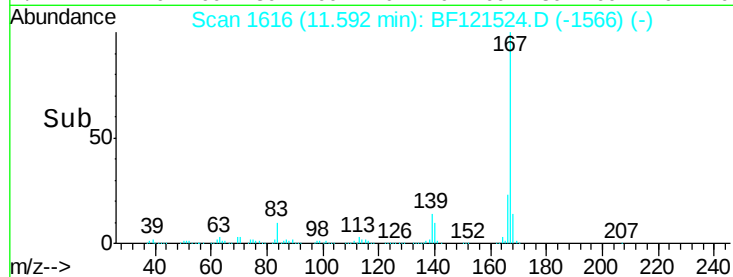
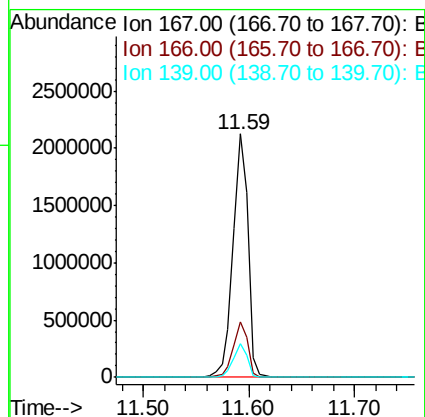
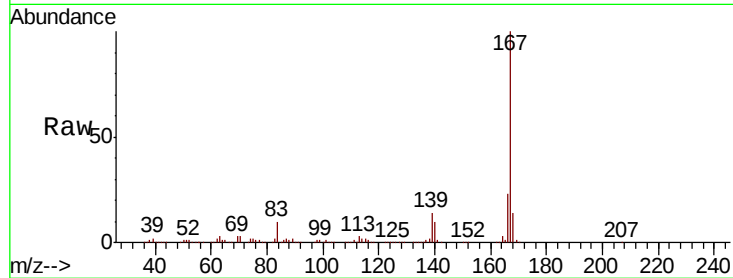
166 22.7 18.2 27.4

139 13.7 11.0 16.4

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#74

Di-n-butylphthalate

Concen: 36.450 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

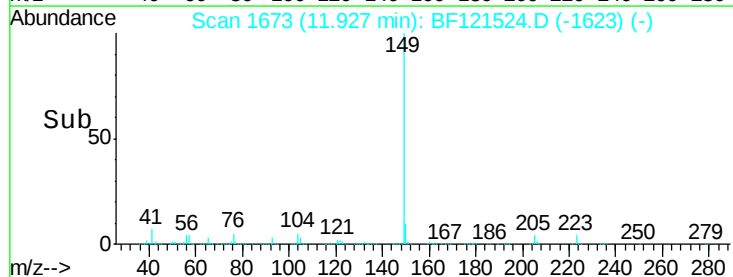
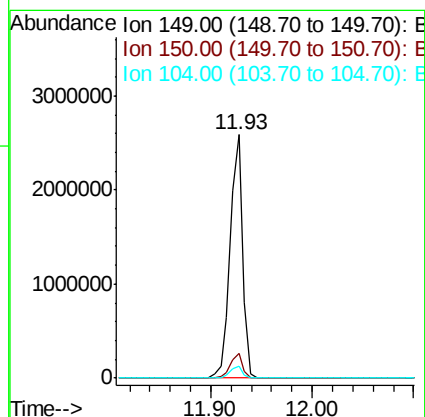
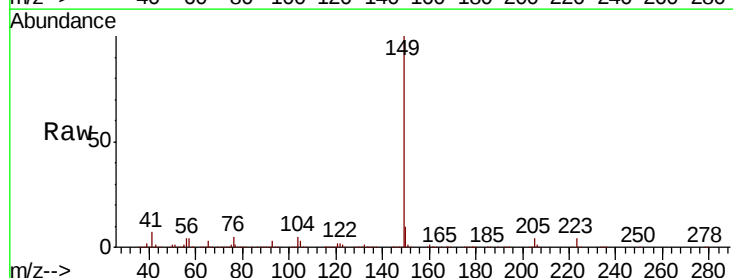
Tgt Ion:149 Resp: 2215419

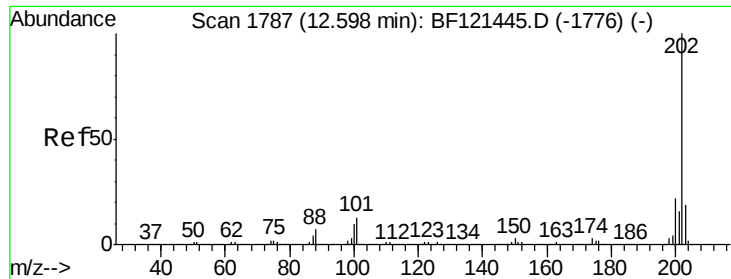
Ion Ratio Lower Upper

149 100

150 9.9 8.0 12.0

104 4.8 4.0 6.0





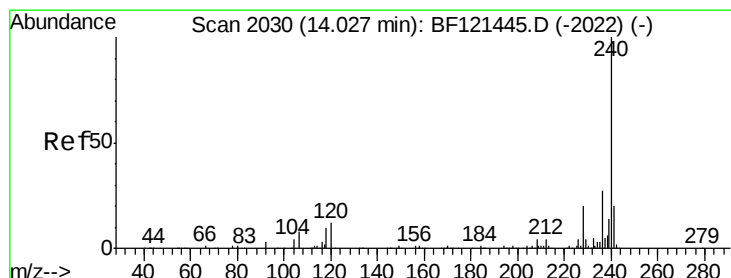
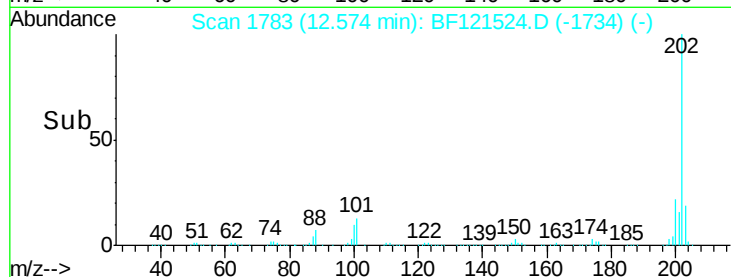
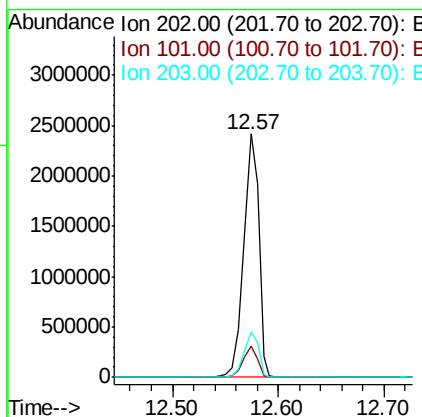
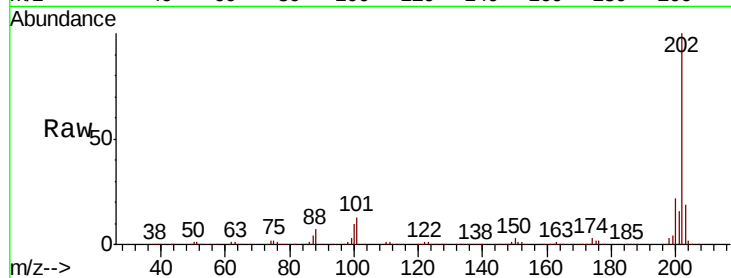
#75
 Fluoranthene
 Concen: 37.935 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131478BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.6
203	18.7	0.0	38.5

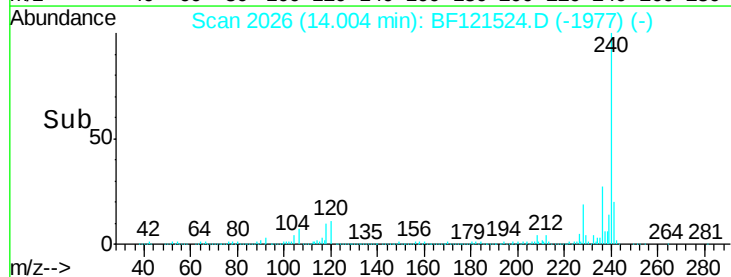
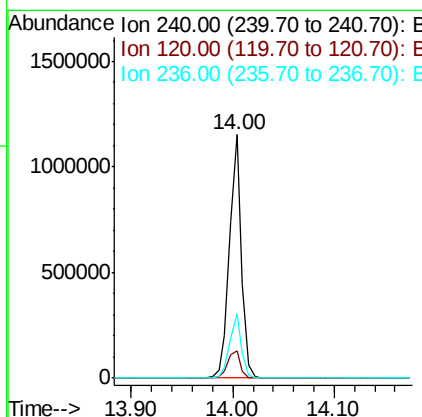
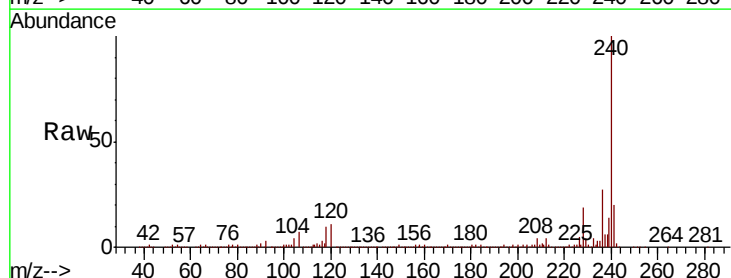
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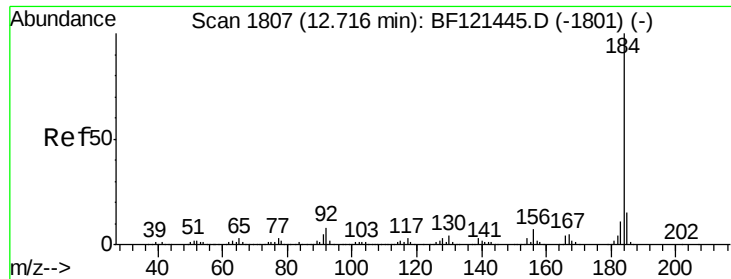
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 9/9/2020 3:49:25 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.0	12.0
236	26.6	21.4	32.2





#77

Benzidine

Concen: 60.633 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

ClientSampleId :

PB131478BS

Tot Ion:184 Resp: 1250081

Ion Ratio Lower Upper

184 100

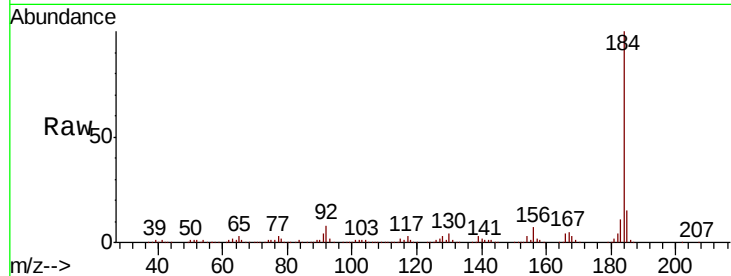
185 14.8 11.5 17.3

183 11.2 9.0 13.6

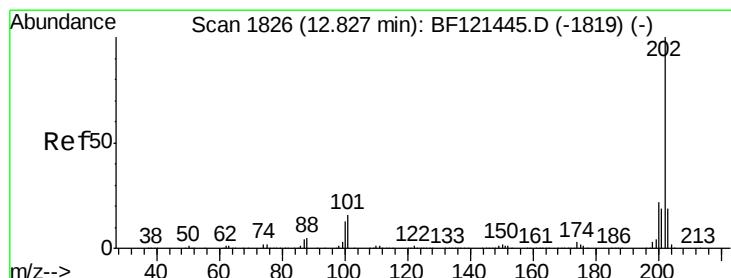
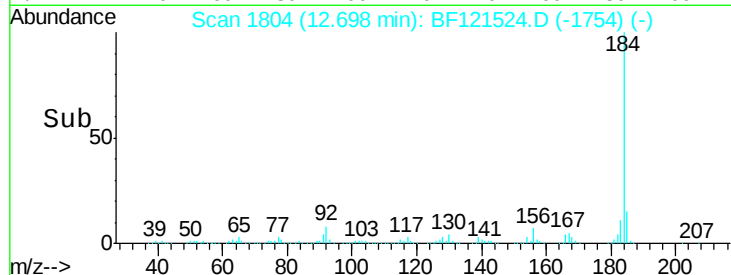
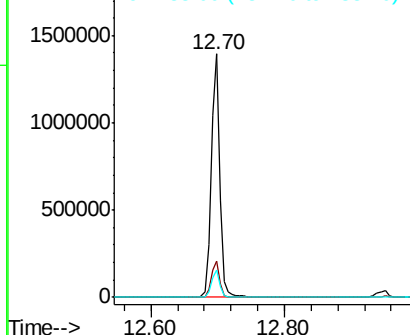
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.889 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

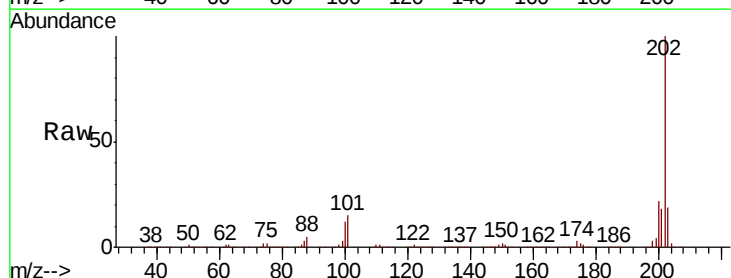
Tgt Ion:202 Resp: 2422987

Ion Ratio Lower Upper

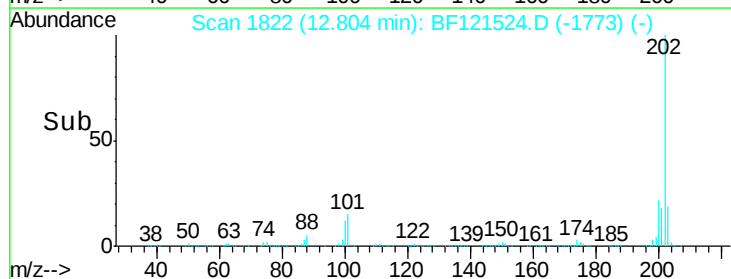
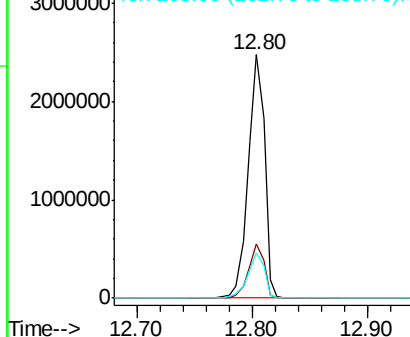
202 100

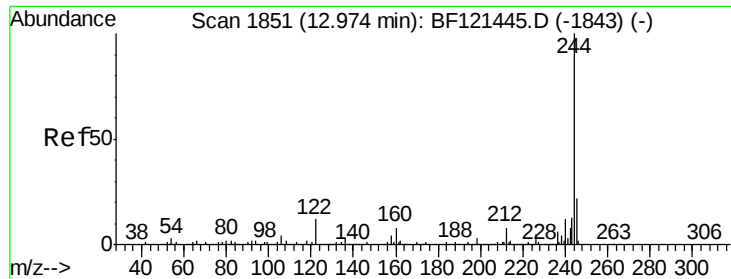
200 22.1 17.7 26.5

203 18.7 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





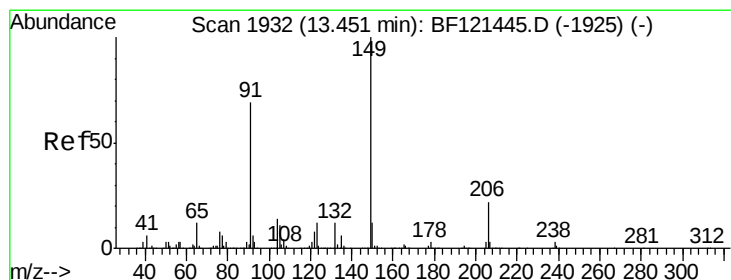
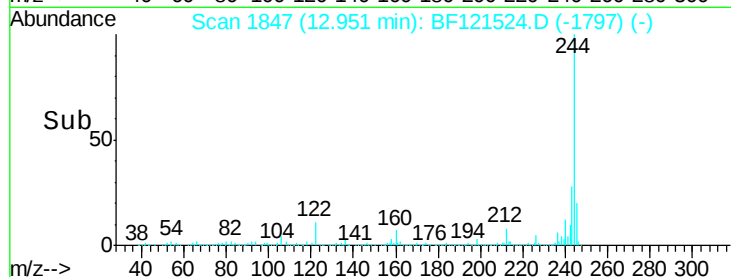
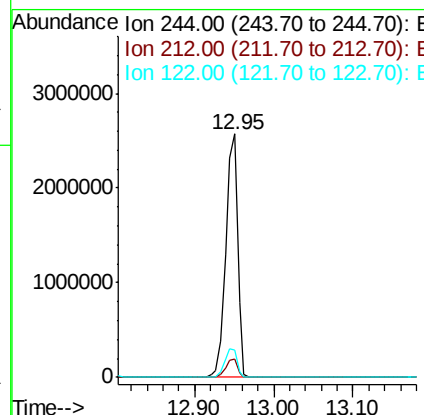
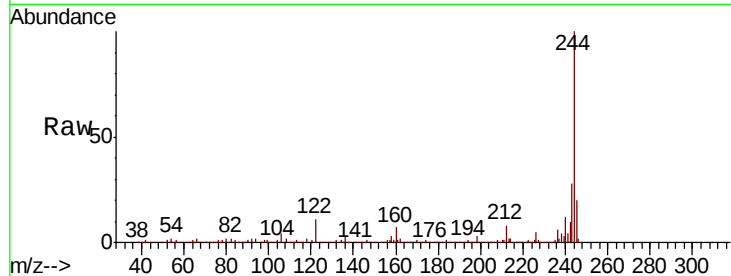
#79
 Terphenyl-d14
 Concen: 59.361 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131478BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	11.0	9.3	13.9

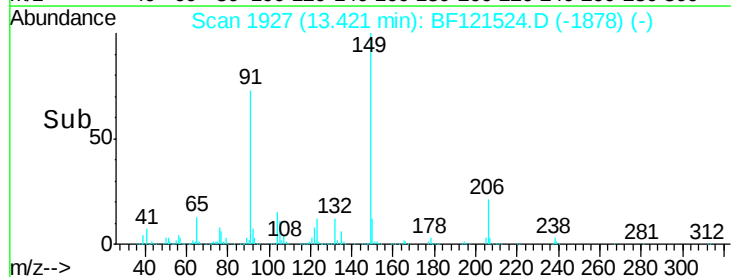
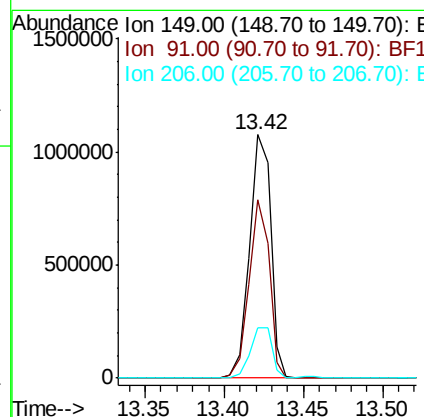
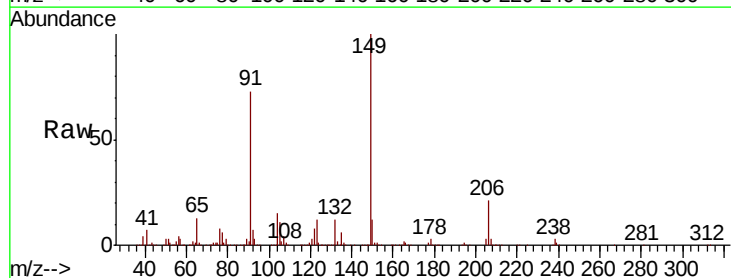
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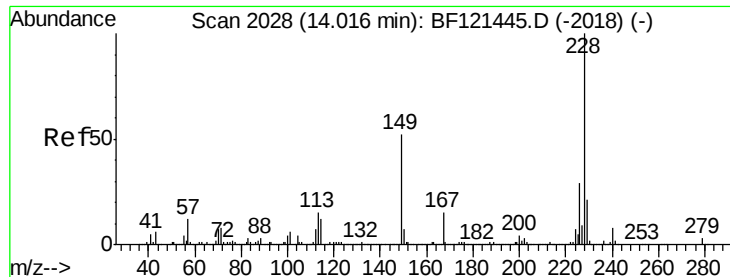
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#80
 Butylbenzylphthalate
 Concen: 38.328 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.5	54.9	82.3
206	20.9	18.0	27.0





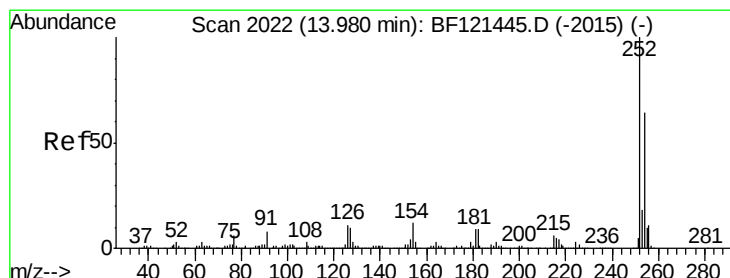
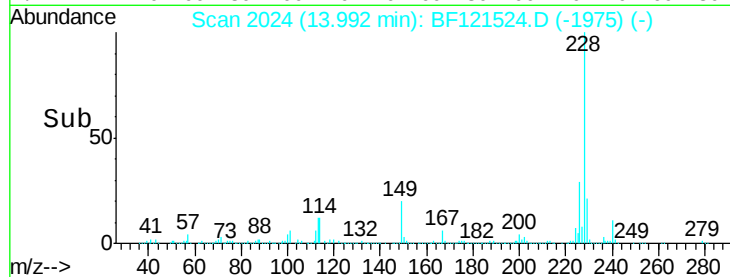
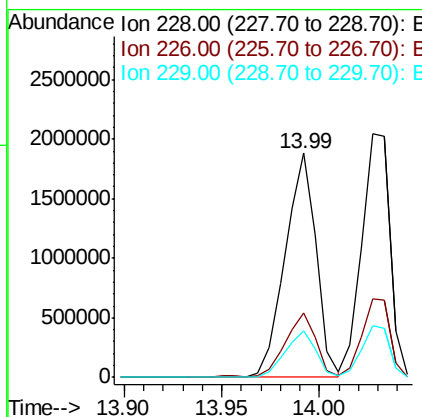
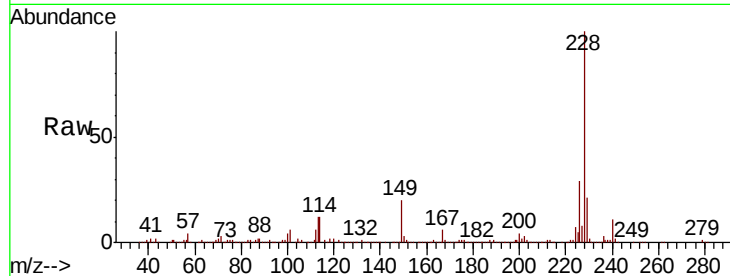
#81
Benzo(a)anthracene
Concen: 35.878 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampled :
PB131478BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.3	34.9
229	20.6	16.4	24.6

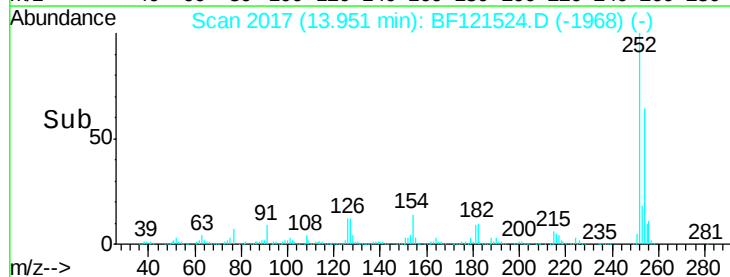
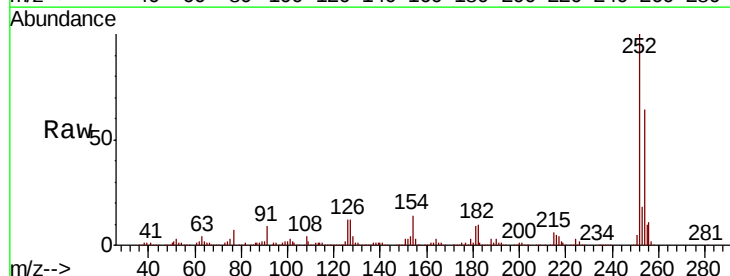
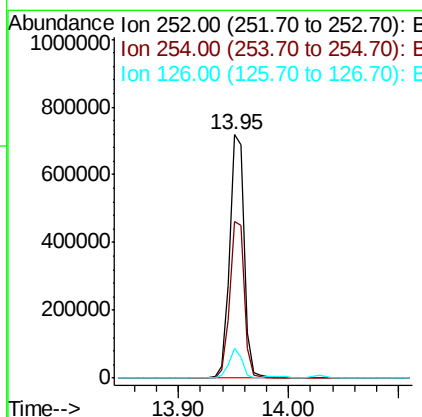
Manual Integrations
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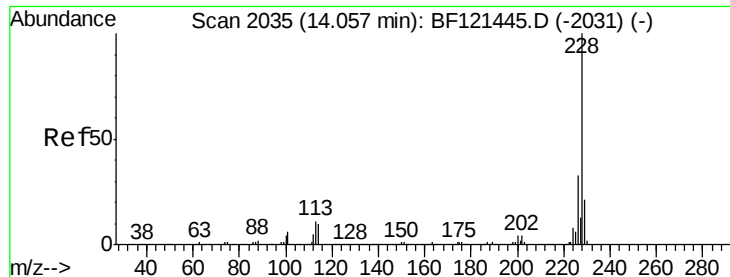
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 31.631 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.8	76.2
126	12.4	9.3	13.9





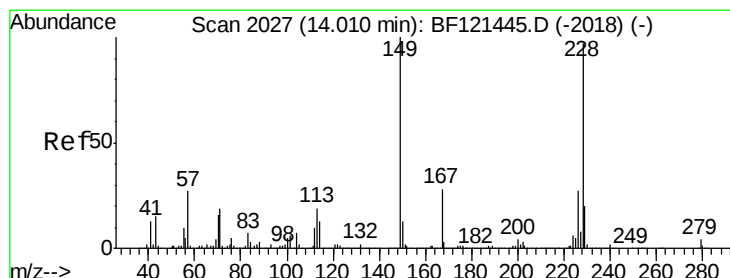
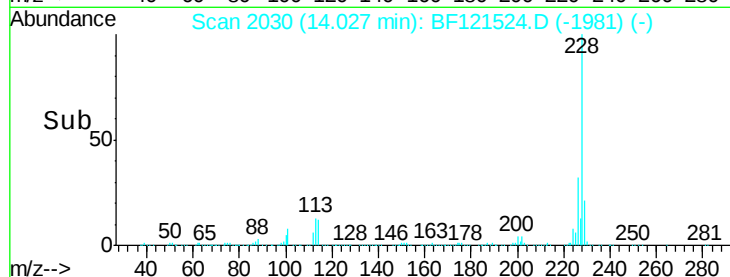
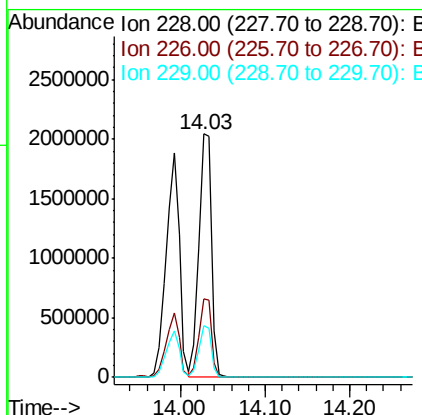
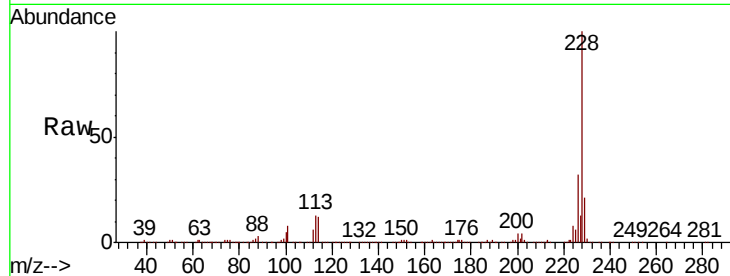
#83
 Chrysene
 Concen: 35.977 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Instrument :
 BNA_F
 ClientSampleID :
 PB131478BS

Tot Ion:228 Resp: 2077137
 Ion Ratio Lower Upper
 228 100
 226 32.4 26.5 39.7
 229 21.1 17.1 25.7

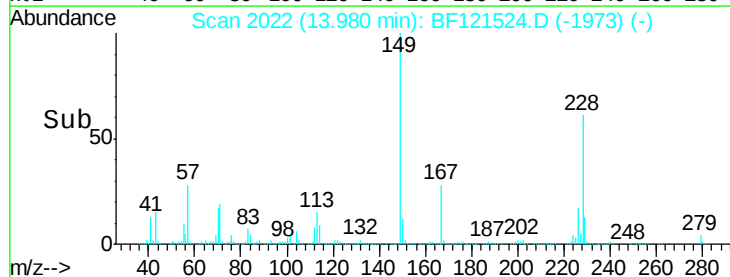
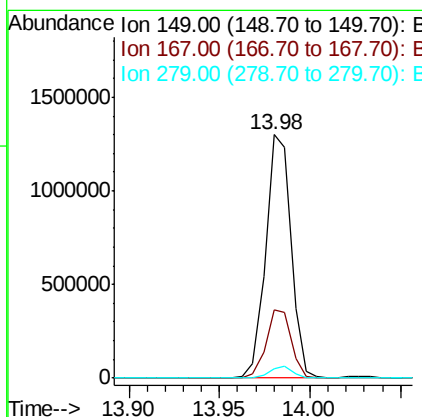
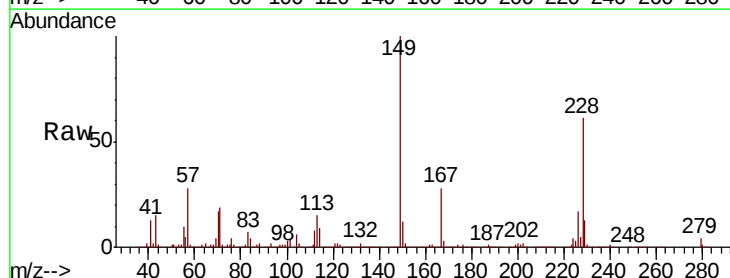
Manual Integrations
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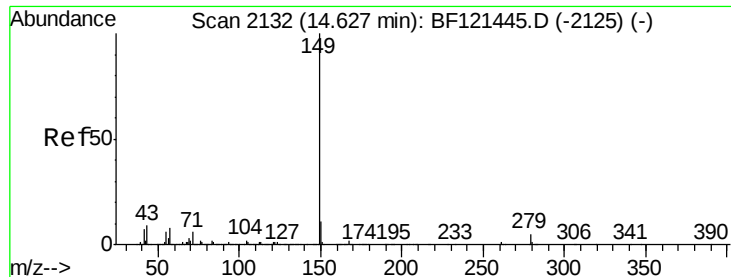
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.758 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Tgt Ion:149 Resp: 1268408
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.9 34.3
 279 4.0 4.0 6.0#





#85

Di-n-octyl phthalate

Concen: 40.119 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA_F

ClientSampleId :

PB131478BS

Tot Ion:149 Resp: 2283998

Ion Ratio Lower Upper

149 100

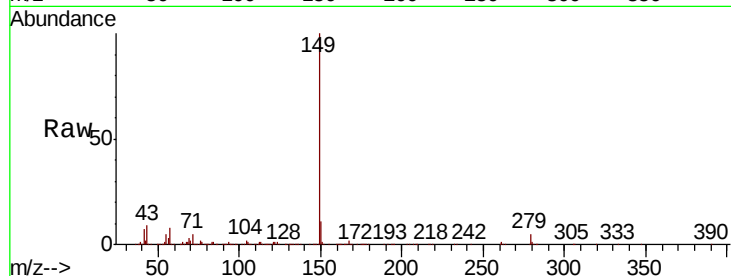
167 1.6 1.4 2.0

43 9.4 7.8 11.6

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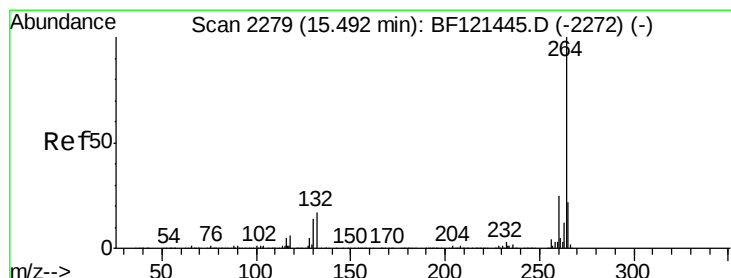
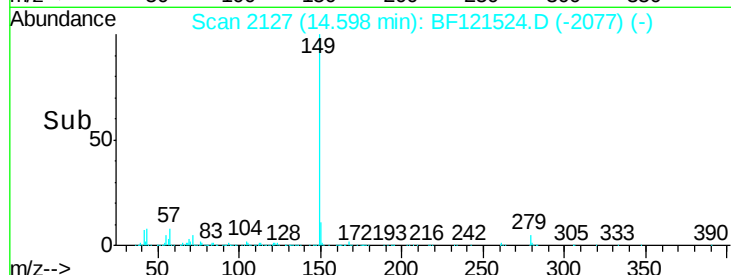
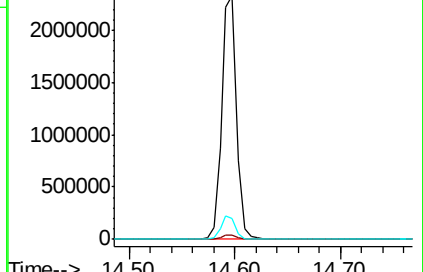
9/9/2020 3:49:25 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

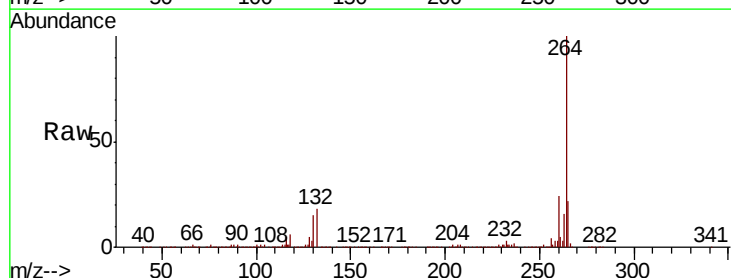
Tgt Ion:264 Resp: 948190

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

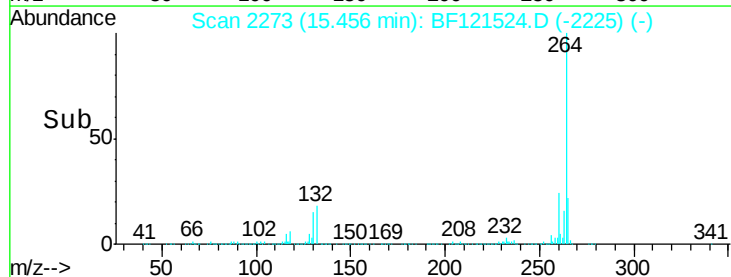
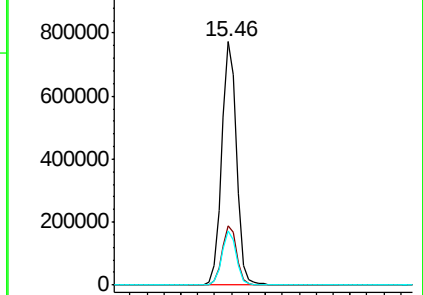
265 22.0 17.4 26.2

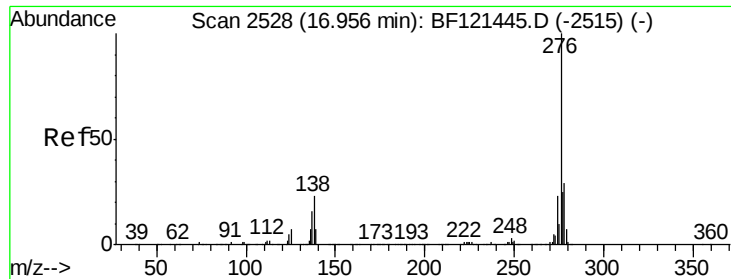


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





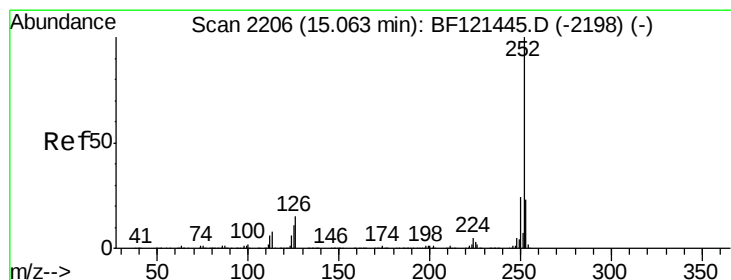
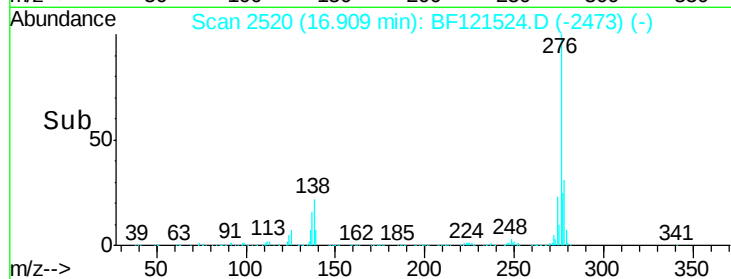
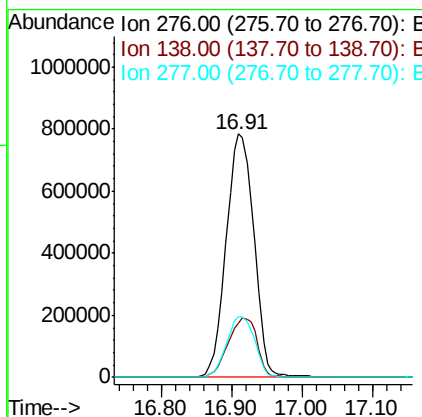
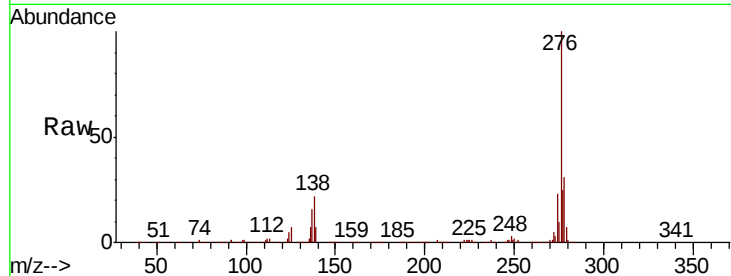
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.787 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. -0.02 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Instrument :
 BNA_F
 ClientSampled :
 PB131478BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.7	31.1
277	25.4	20.4	30.6

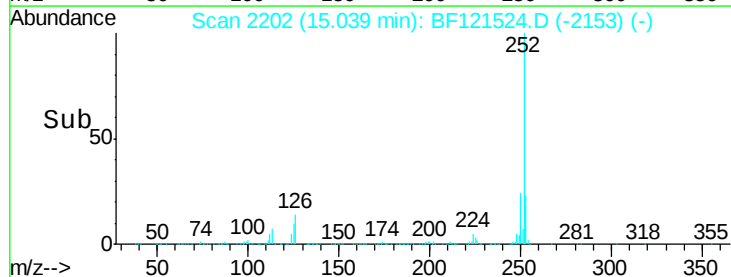
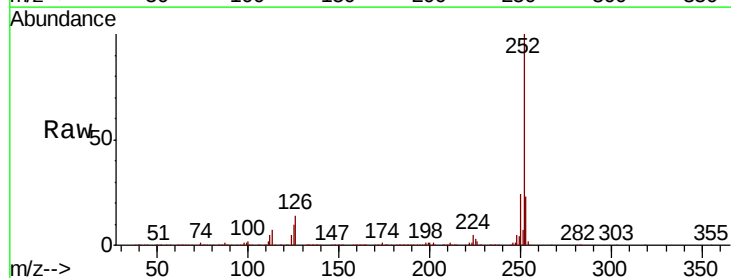
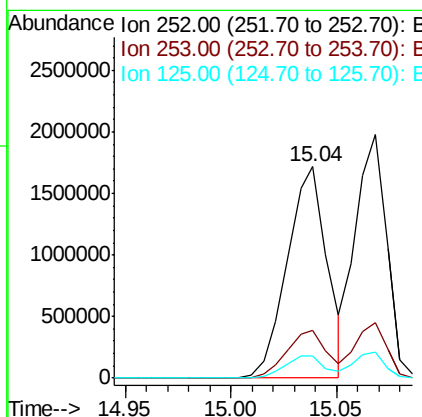
Manual Integrations
 APPROVED

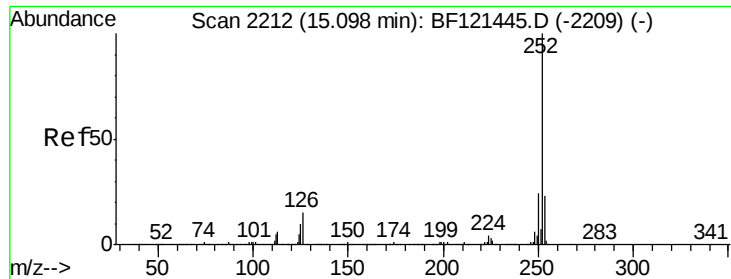
Sohil
 9/9/2020 3:49:25 PM



#88
 Benzo(b)fluoranthene
 Concen: 36.626 ng
 RT: 15.04 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BF121524.D
 Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	10.3	8.2	12.2





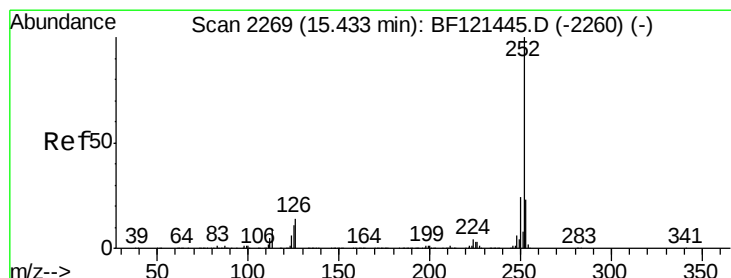
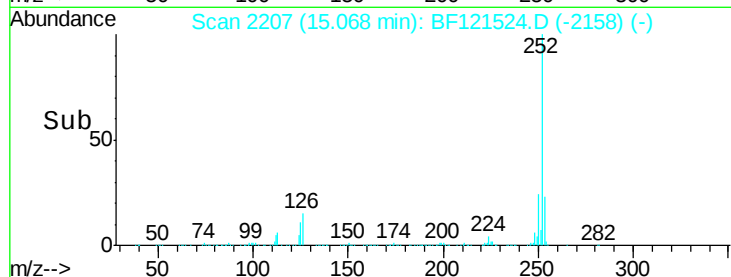
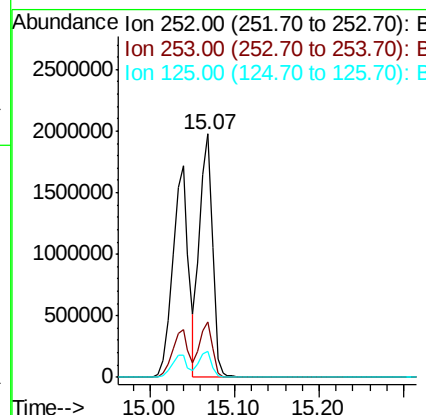
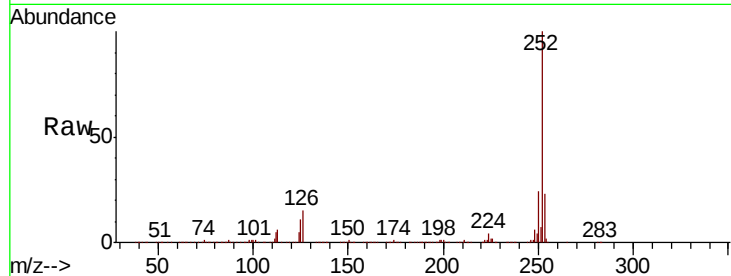
#89
Benzo(k)fluoranthene
Concen: 36.109 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampled :
PB131478BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	10.6	8.6	13.0

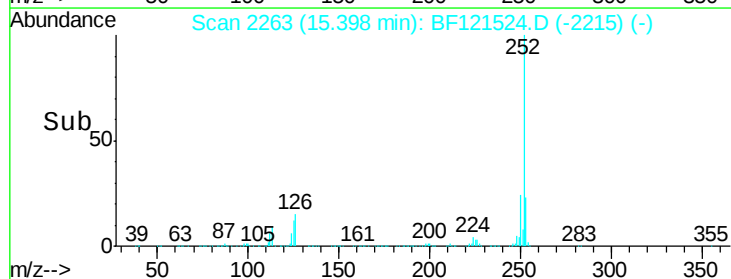
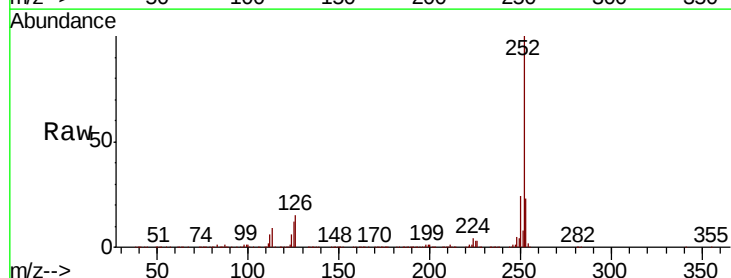
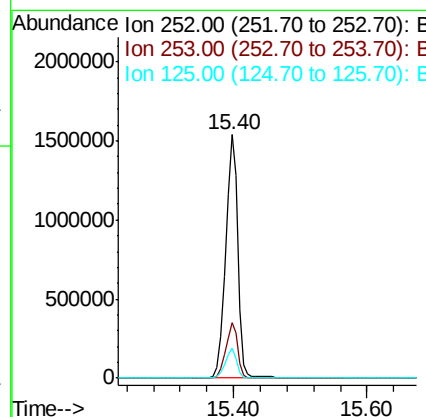
Manual Integrations
APPROVED

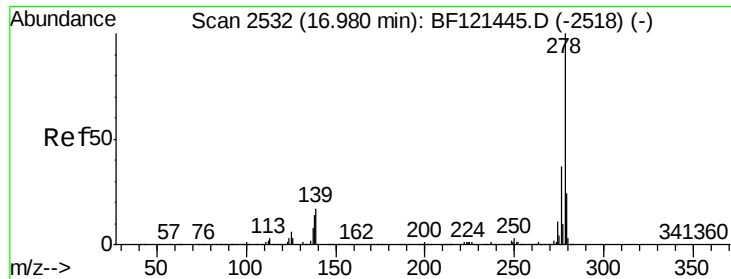
Sohil
9/9/2020 3:49:25 PM



#90
Benzo(a)pyrene
Concen: 35.541 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.02 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	12.1	8.8	13.2





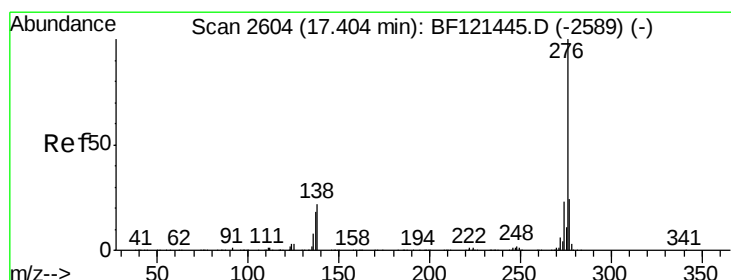
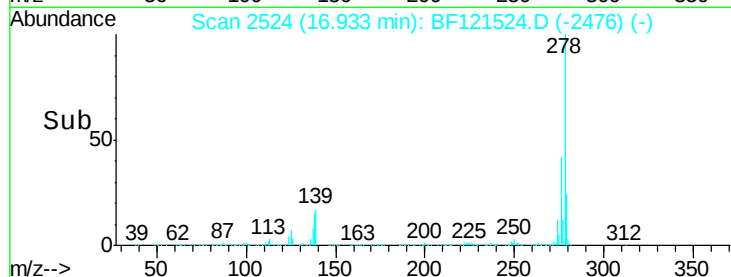
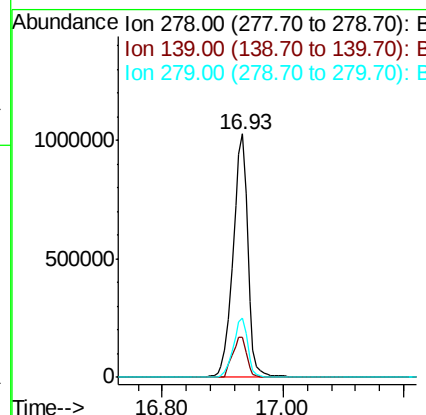
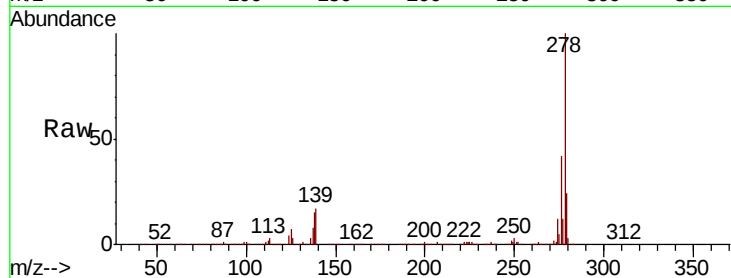
#91
Dibenzo(a,h)anthracene
Concen: 36.856 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Instrument :
BNA_F
ClientSampled :
PB131478BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.0	21.0
279	24.4	19.5	29.3

Manual Integrations
APPROVED

Sohil
9/9/2020 3:49:25 PM



#92
Benzo(g,h,i)perylene
Concen: 38.051 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.02 min
Lab File: BF121524.D
Acq: 8 Sep 2020 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	21.9	17.8	26.6

