

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121530.D
 Acq On : 8 Sep 2020 19:29
 Operator : JU/CG
 Sample : L3864-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:49:29 PM

Quant Time: Sep 09 06:57:16 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	6.85	152	345644	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1315273	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	696561	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1310301	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1024600	20.00	ng	-0.01
86) Perylene-d12	15.46	264	980363	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1919478	93.17	ng	0.01
7) Phenol-d6	6.47	99	2416924	83.95	ng	0.00
23) Nitrobenzene-d5	7.41	82	1752785	91.11	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	972656	138.25	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3103220	71.88	ng	0.00
79) Terphenyl-d14	12.95	244	3646827	74.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	351586	35.785	ng	99
3) Pyridine	3.50	79	919576	34.370	ng	99
4) n-Nitrosodimethylamine	3.43	42	447679	37.854	ng	98
6) Aniline	6.51	93	575717	16.854	ng	98
8) 2-Chlorophenol	6.63	128	943699	45.134	ng	99
9) Benzaldehyde	6.39	77	450650	28.294	ng	95
10) Phenol	6.49	94	1069863	37.987	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	944024	41.256	ng	99
12) 1,3-Dichlorobenzene	6.79	146	962947	38.249	ng	98
13) 1,4-Dichlorobenzene	6.86	146	964551	38.230	ng	98
14) 1,2-Dichlorobenzene	7.02	146	931647	39.657	ng	99
15) Benzyl Alcohol	6.99	79	812083	42.975	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1267346	37.386	ng	98
17) 2-Methylphenol	7.10	107	760156	41.784	ng	99
18) Hexachloroethane	7.36	117	350844	40.632	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	662098	41.152	ng	99
20) 3+4-Methylphenols	7.25	107	898914	40.832	ng	92
22) Acetophenone	7.26	105	1233930	38.063	ng	96
24) Nitrobenzene	7.43	77	990794	51.377	ng	99
25) Isophorone	7.67	82	1881282	43.475	ng	99
26) 2-Nitrophenol	7.74	139	503088	57.414	ng	100
27) 2,4-Dimethylphenol	7.78	122	826132	46.031	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	1195407	40.625	ng	99
29) 2,4-Dichlorophenol	7.98	162	818232	46.174	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	855275	39.398	ng	98
31) Naphthalene	8.15	128	2635517	40.361	ng	99
32) Benzoic acid	7.91	122	525793	47.312	ng	95
33) 4-Chloroaniline	8.19	127	314743	10.822	ng	99
34) Hexachlorobutadiene	8.26	225	496433	38.454	ng	100
35) Caprolactam	8.57	113	246124m	42.584	ng	
36) 4-Chloro-3-methylphenol	8.68	107	880781	47.141	ng	98
37) 2-Methylnaphthalene	8.84	142	1852513	42.820	ng	99
38) 1-Methylnaphthalene	8.94	142	1720353	42.112	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	854419	41.380	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	825454	95.065	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	638005	48.886	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	656432	50.865	nq	96
46) 1,1'-Biphenyl	9.30	154	2256013	42.920	nq	99
47) 2-Chloronaphthalene	9.33	162	1724825	39.923	nq	99
48) 2-Nitroaniline	9.42	65	568380	47.028	nq	99
49) Acenaphthylene	9.75	152	2795613	43.139	nq	99
50) Dimethylphthalate	9.61	163	2178662	45.534	nq	100
51) 2,6-Dinitrotoluene	9.67	165	497644	54.492	nq #	84
52) Acenaphthene	9.92	154	1908962m	46.651	nq	
53) 3-Nitroaniline	9.83	138	237111	23.848	nq	96
54) 2,4-Dinitrophenol	9.94	184	388354	86.792	nq #	90
55) Dibenzofuran	10.09	168	2617884	44.042	nq	99
56) 4-Nitrophenol	10.00	139	819711	87.872	nq	98
57) 2,4-Dinitrotoluene	10.07	165	668802	58.677	nq	94
58) Fluorene	10.43	166	1964587	43.843	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	582335	54.198	nq	99
60) Diethylphthalate	10.30	149	2220189	46.186	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	966103	43.031	nq	98
62) 4-Nitroaniline	10.45	138	475078	41.329	nq	97
63) Azobenzene	10.58	77	2090628	43.978	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	296685	64.117	nq	95
66) n-Nitrosodiphenylamine	10.54	169	1893092	45.681	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	657352	45.603	nq	99
68) Hexachlorobenzene	10.97	284	756116	44.858	nq	99
69) Atrazine	11.07	200	484586	40.319	nq	98
70) Pentachlorophenol	11.17	266	859624	111.630	nq	99
71) Phenanthrene	11.39	178	2937976	43.693	nq	99
72) Anthracene	11.45	178	2979047	45.045	nq	99
73) Carbazole	11.60	167	2852500	44.728	nq	99
74) Di-n-butylphthalate	11.93	149	3284502	46.360	nq	99
75) Fluoranthene	12.58	202	3230547	44.578	nq	99
77) Benzidine	12.70	184	427707	19.140	nq	99
78) Pyrene	12.81	202	3284053	44.880	nq	99
80) Butylbenzylphthalate	13.43	149	1459478	51.771	nq	99
81) Benzo(a)anthracene	13.99	228	2718395	43.462	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	665536	29.051	nq	98
83) Chrysene	14.03	228	2779630	44.420	nq	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1816895	49.901	nq	100
85) Di-n-octyl phthalate	14.60	149	3278748	53.137	nq	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	2794451	46.327	nq	100
88) Benzo(b)fluoranthene	15.04	252	3209562	50.328	nq	99
89) Benzo(k)fluoranthene	15.07	252	2510435	42.323	nq	99
90) Benzo(a)pyrene	15.40	252	2537894	44.257	nq	100
91) Dibenzo(a,h)anthracene	16.94	278	2283450	46.246	nq	99
92) Benzo(g,h,i)perylene	17.36	276	2326510	48.913	nq	99

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

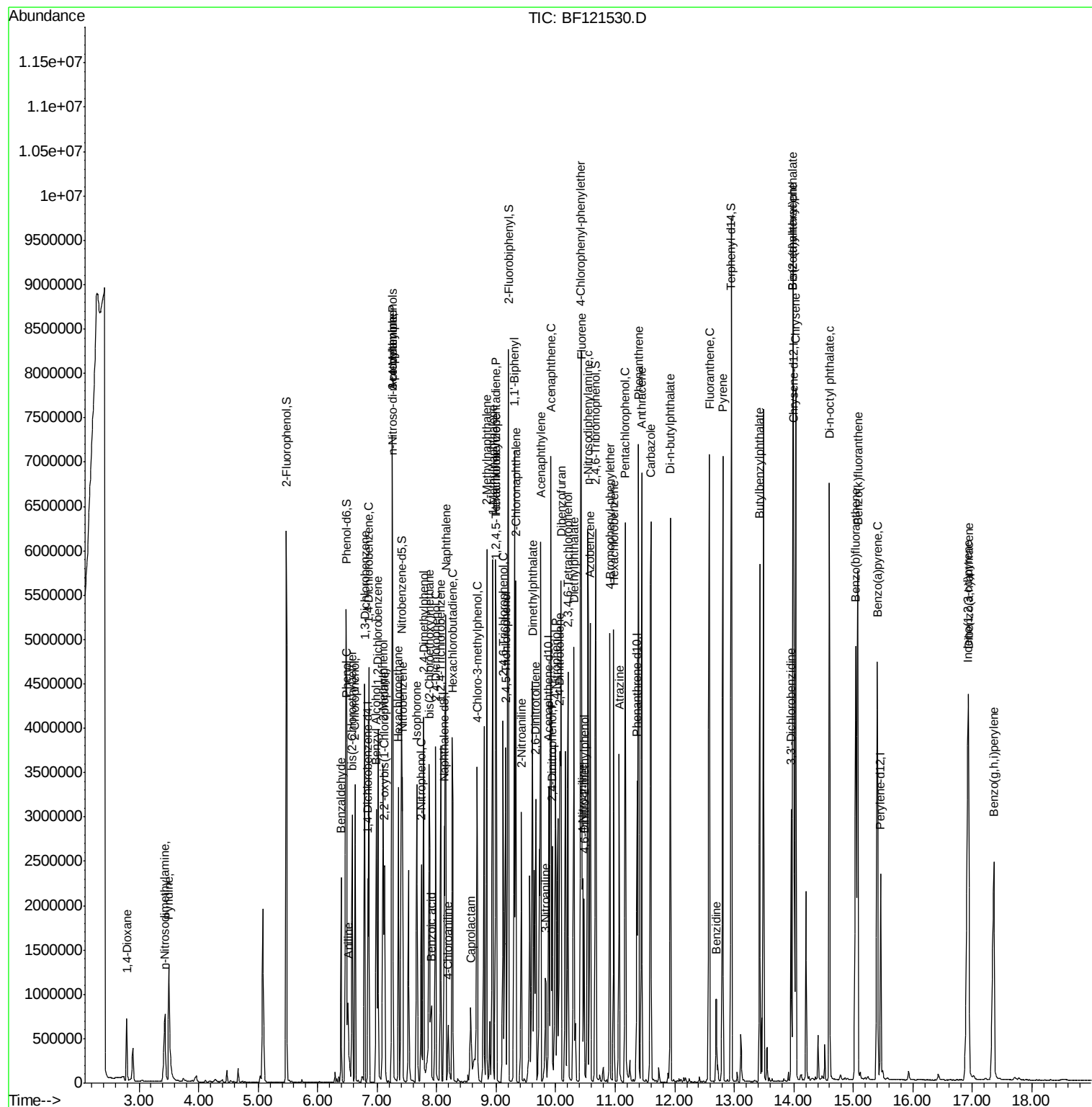
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
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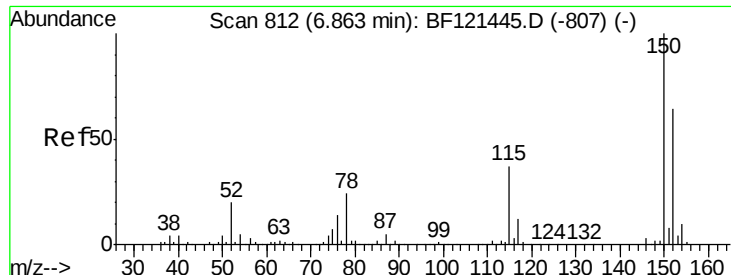
Instrument :
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CL-01-090320MS

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#1

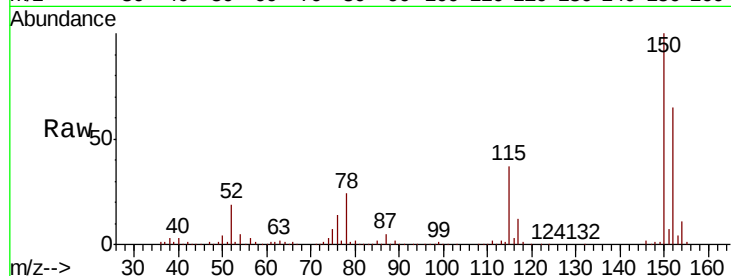
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.1	189.1
115	57.3	48.4	72.6

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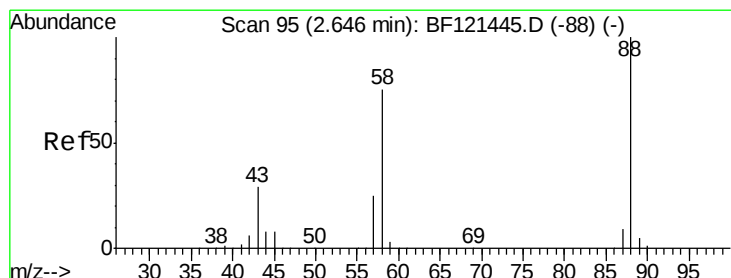
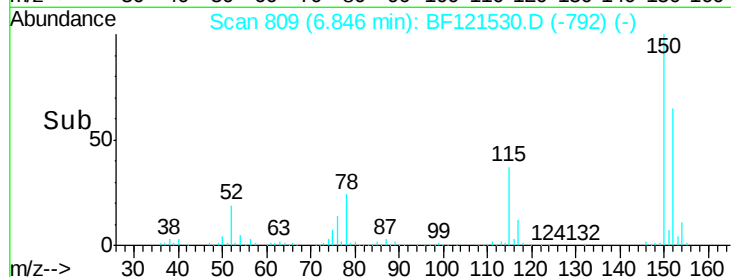
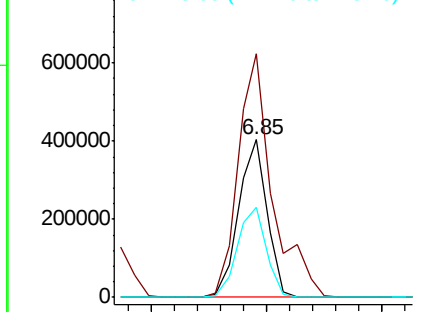


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

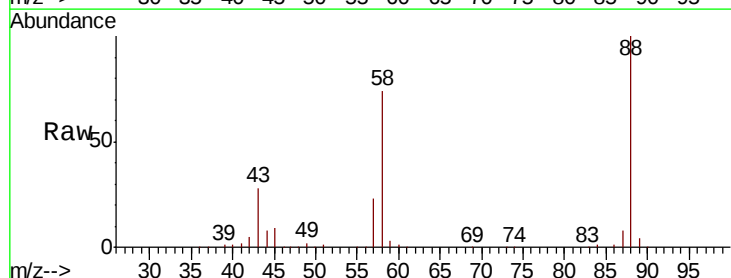
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.785 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.17 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.0	59.6	89.4
43	25.8	21.9	32.9

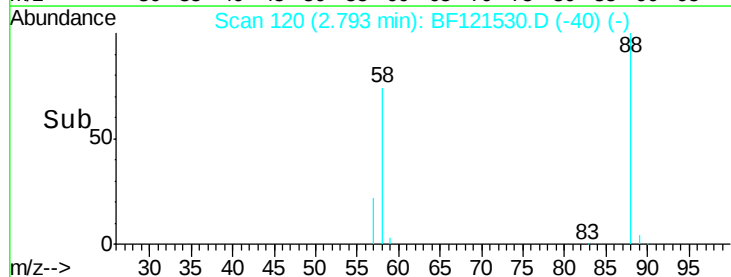
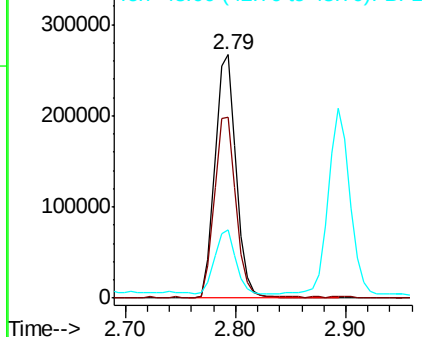


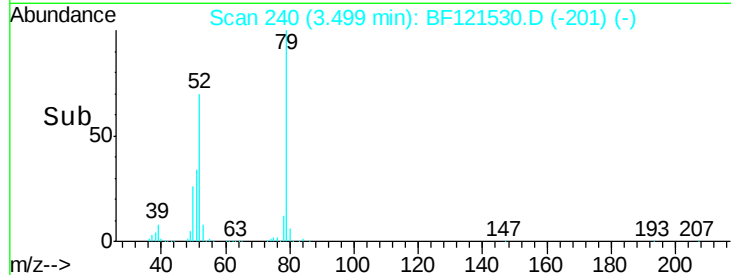
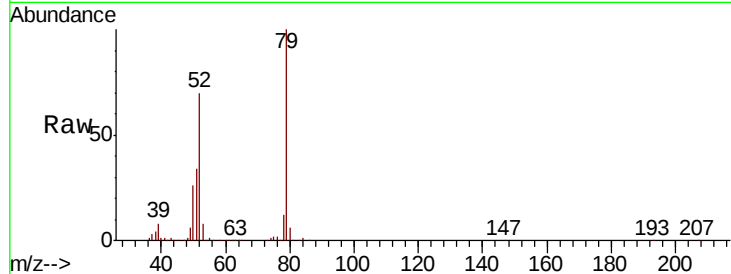
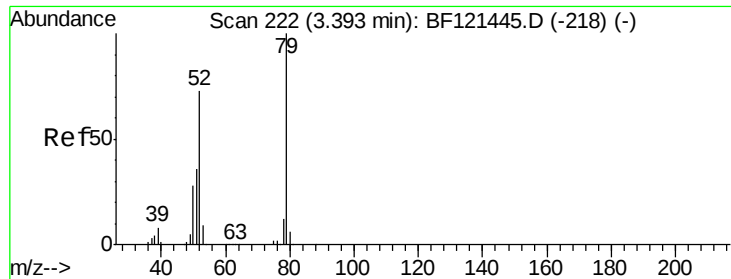
Abundance

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





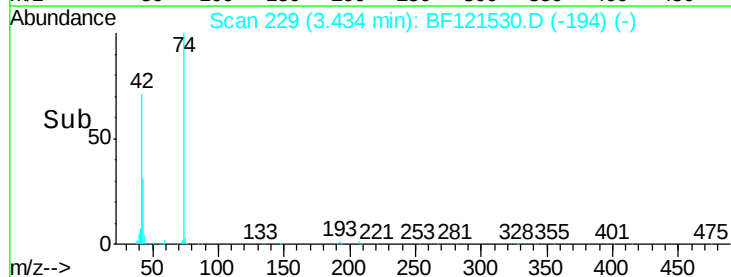
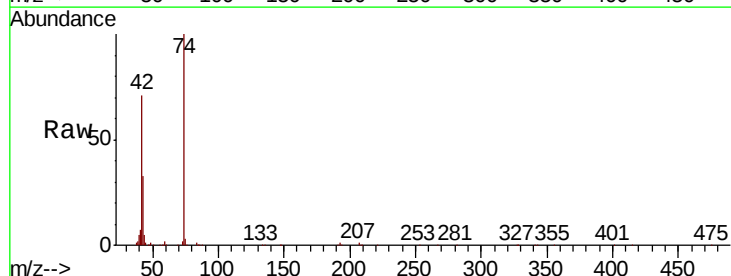
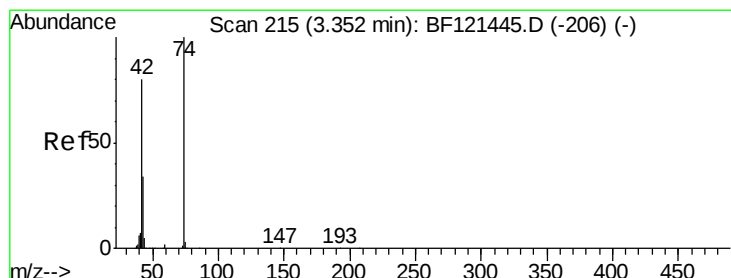
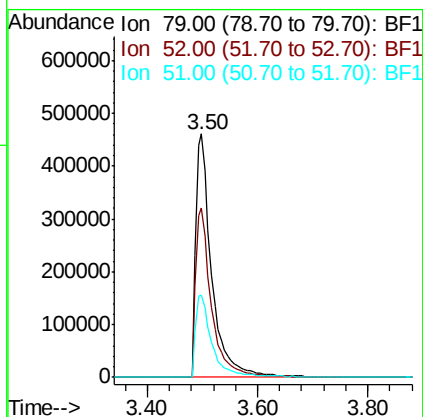
#3
 Pvridine
 Concen: 34.370 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.13 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tot Ion:	79	Resp:	919576
Ion Ratio	Lower	Upper	
79	100		
52	69.8	56.5	84.7
51	33.8	27.6	41.4

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 CL-01-090320MS

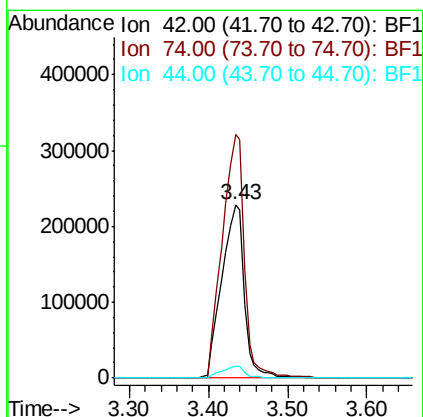
Manual Integrations
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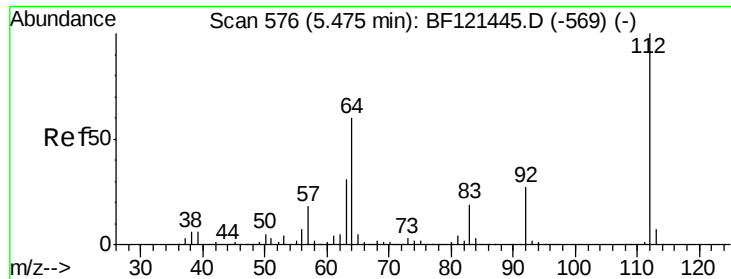
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#4
 n-Nitrosodimethylamine
 Concen: 37.854 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.11 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:	42	Resp:	447679
Ion Ratio	Lower	Upper	
42	100		
74	140.2	110.3	165.5
44	6.5	5.4	8.2





#5

2-Fluorophenol

Concen: 93.171 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

Tot Ion:112 Resp: 1919478

Ion Ratio Lower Upper

112 100

64 60.3 46.0 69.0

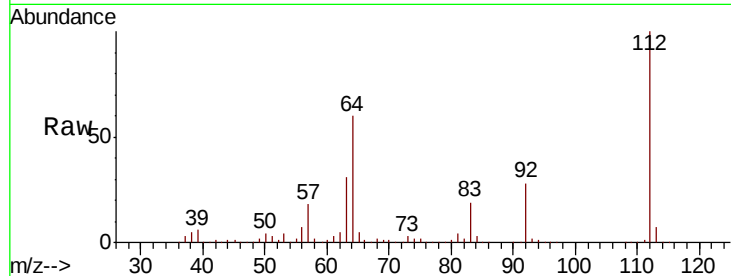
63 30.8 23.4 35.2

Manual Integrations

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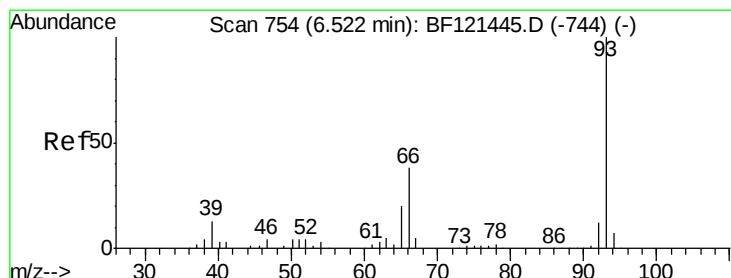
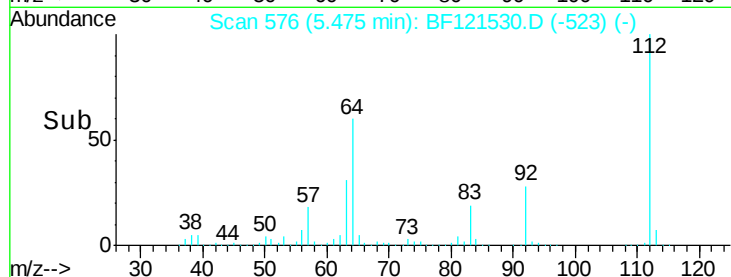
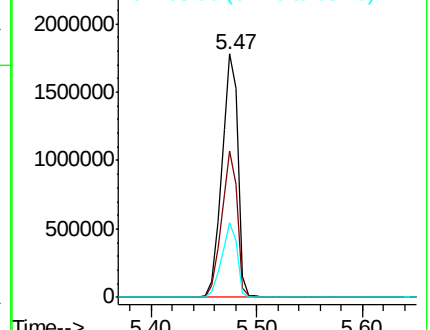
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.854 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

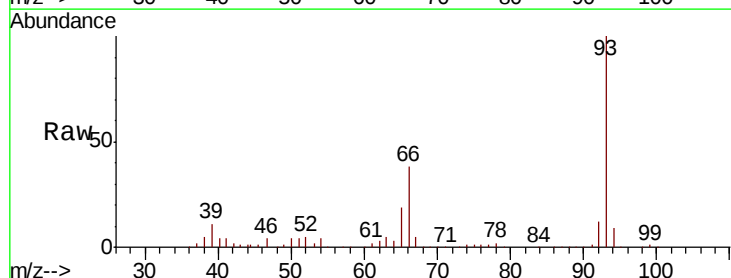
Tgt Ion: 93 Resp: 575717

Ion Ratio Lower Upper

93 100

66 37.8 31.5 47.3

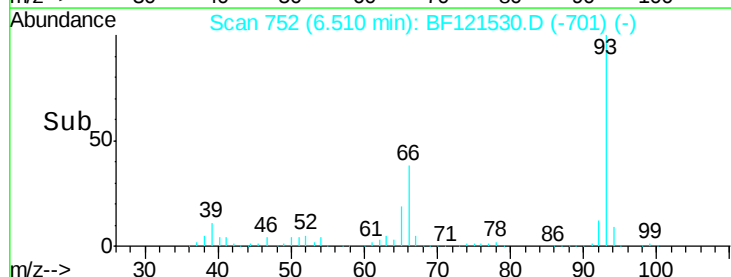
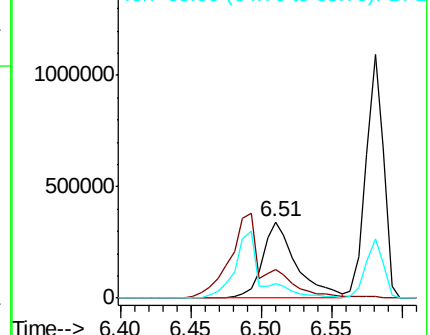
65 18.9 15.8 23.8

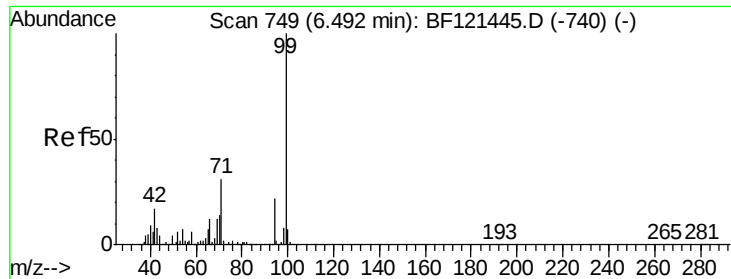


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.949 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 2416924

Ion Ratio Lower Upper

99 100

42 16.5 13.0 19.4

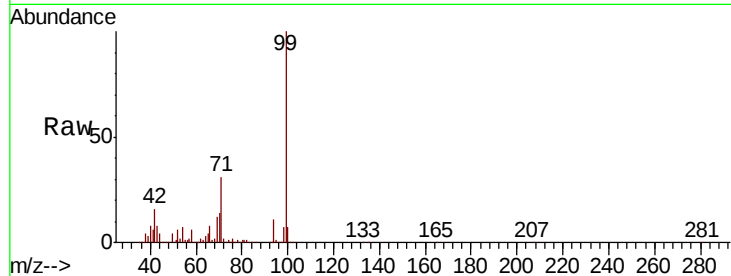
71 31.2 24.8 37.2

Manual Integrations

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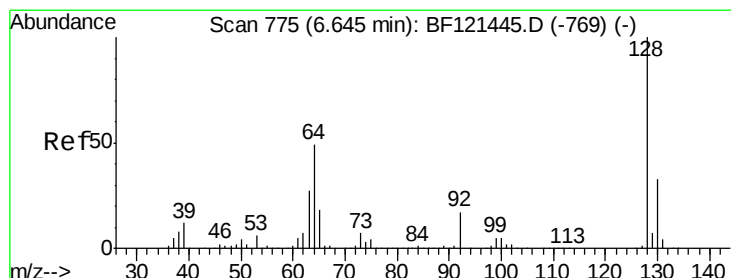
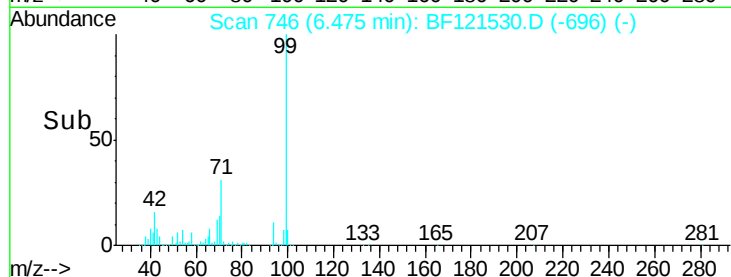
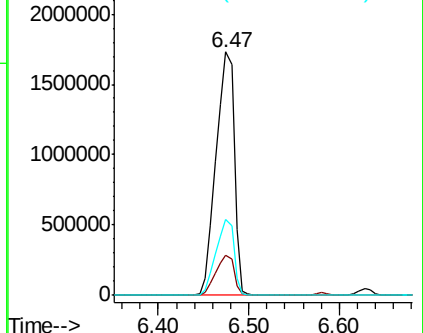
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.134 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

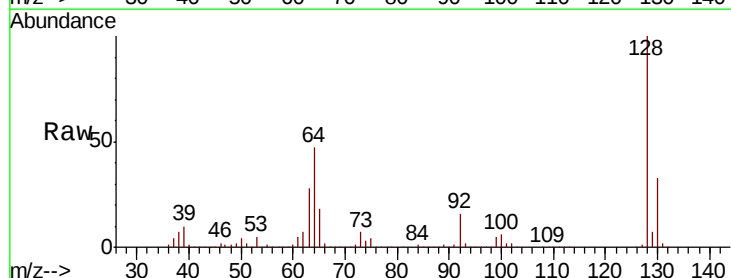
Tgt Ion: 128 Resp: 943699

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

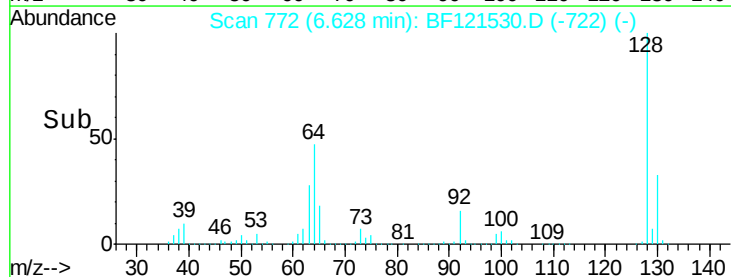
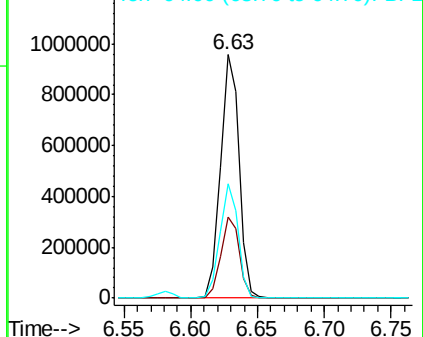
64 46.9 26.4 66.4

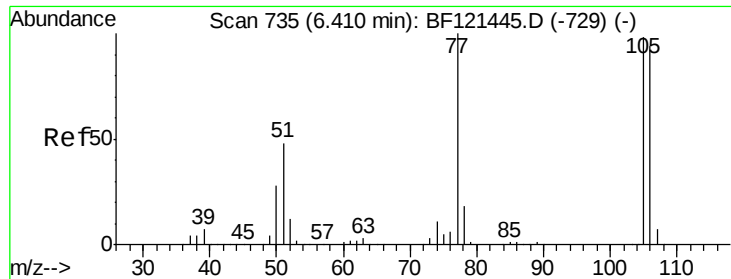


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





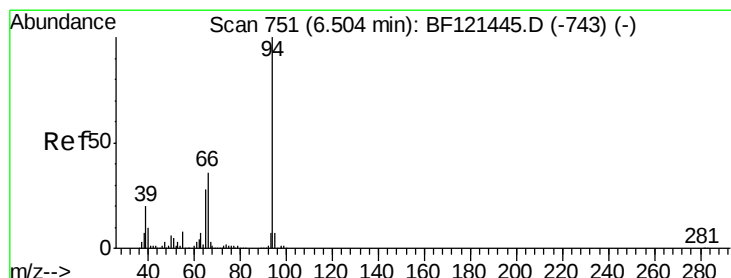
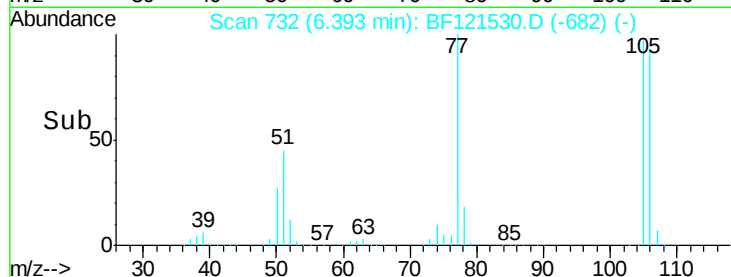
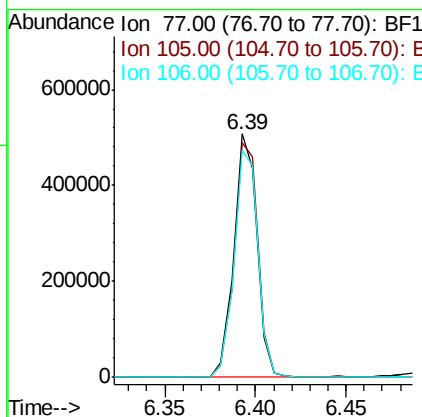
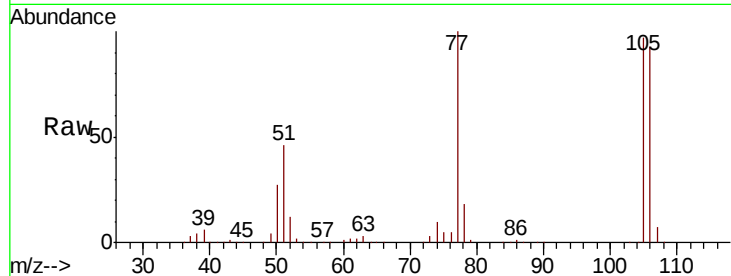
#9
Benzaldehyde
Concen: 28.294 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.6	82.1	122.1
106	93.3	77.8	117.8

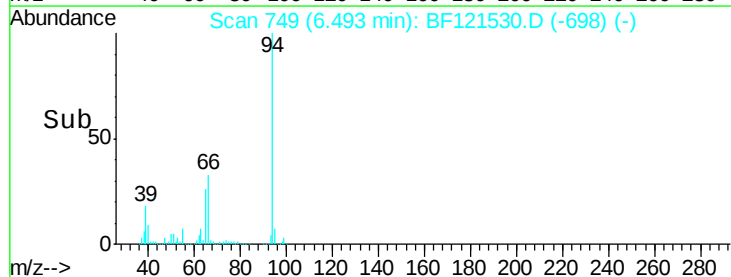
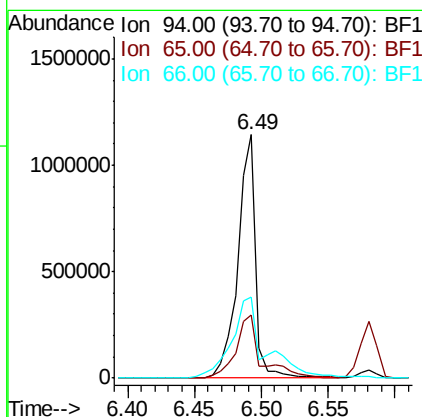
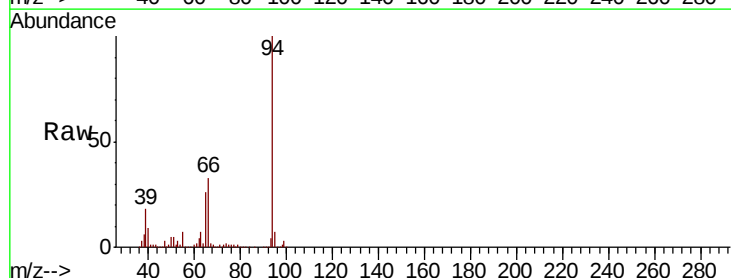
Manual Integrations
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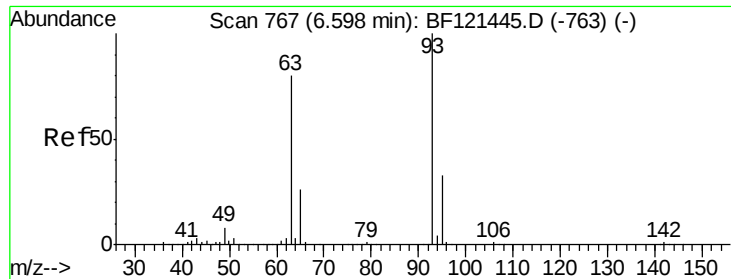
Sohil
9/9/2020 3:49:29 PM



#10
Phenol
Concen: 37.987 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.1	8.8	48.8
66	33.2	18.4	58.4





#11

bis(2-Chloroethyl)ether

Concen: 41.256 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

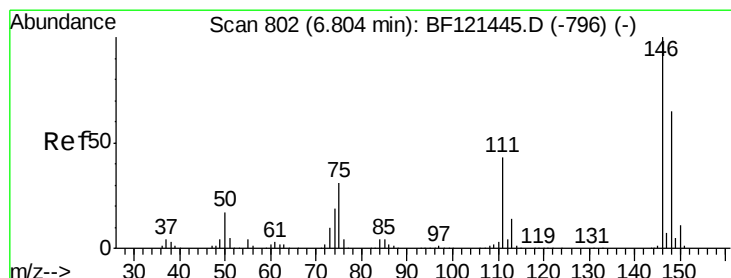
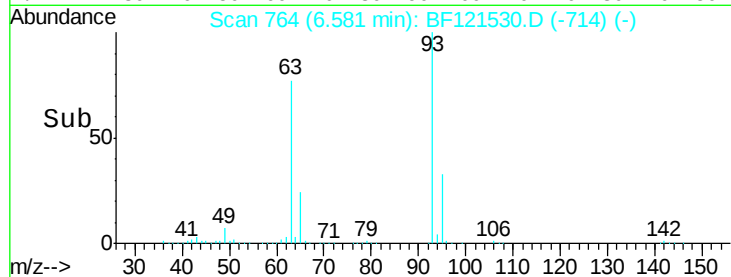
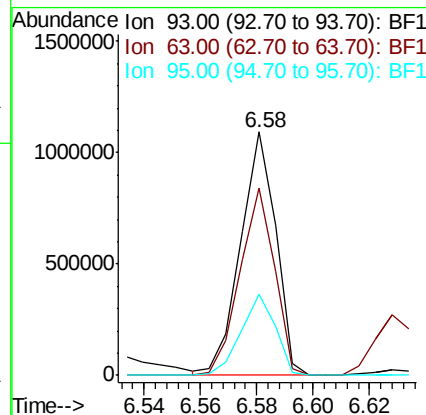
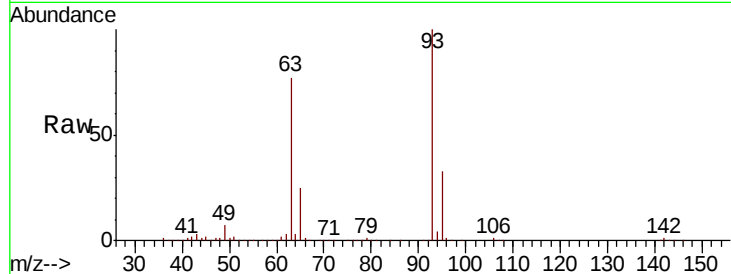
ClientSampleId :

CL-01-090320MS

Tot Ion:	93	Resp:	944024
Ion Ratio	Lower	Upper	
93	100		
63	77.0	56.4	96.4
95	33.4	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.249 ng

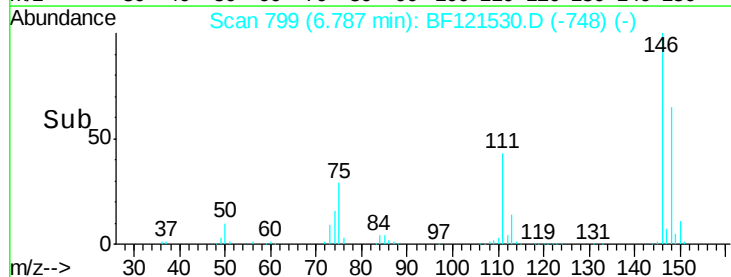
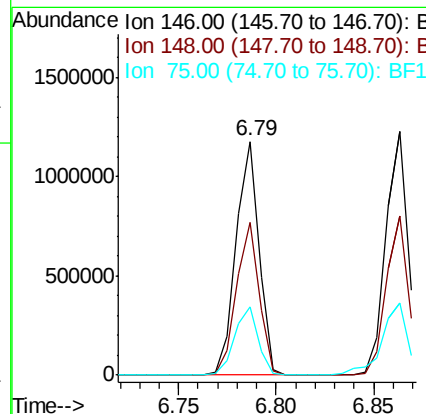
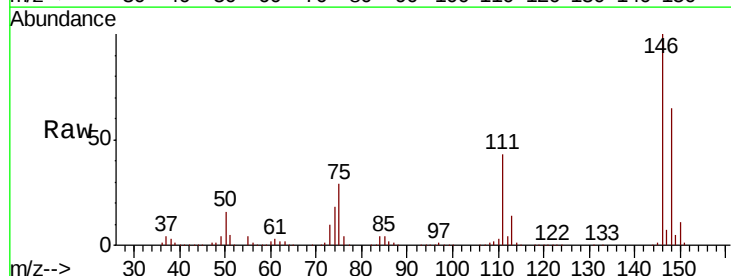
RT: 6.79 min Scan# 799

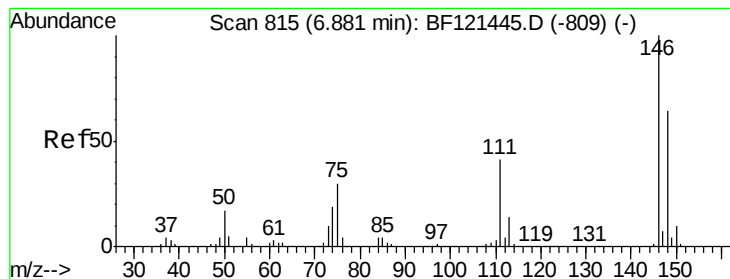
Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Tgt Ion:	146	Resp:	962947
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.7	77.5
75	29.4	25.5	38.3





#13

1,4-Dichlorobenzene

Concen: 38.230 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

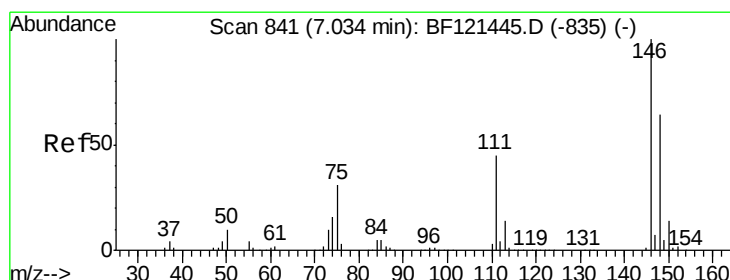
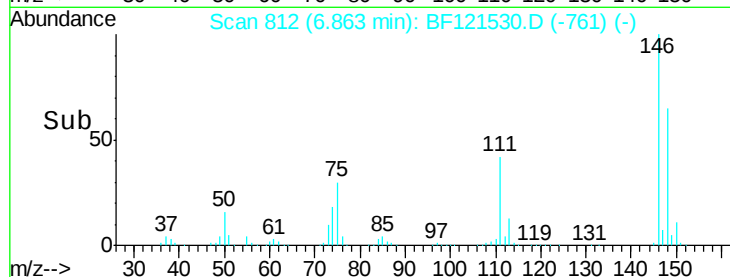
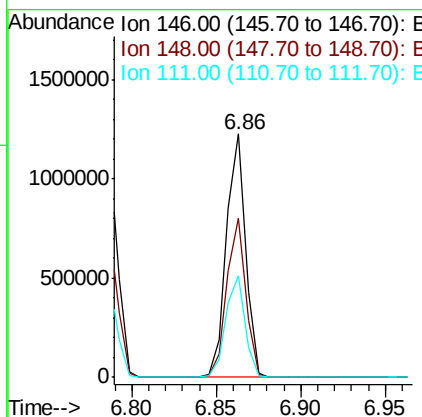
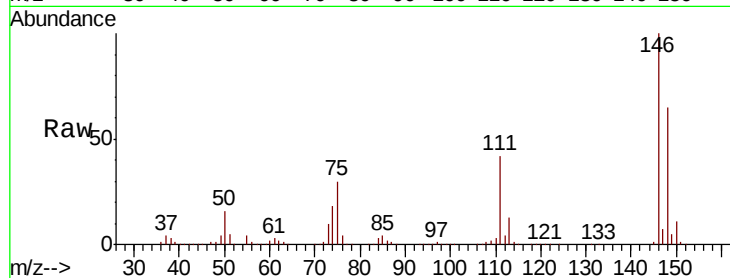
ClientSampleId :

CL-01-090320MS

Tot Ion:	146	Resp:	964551
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.0	76.4
111	41.7	33.9	50.9

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.657 ng

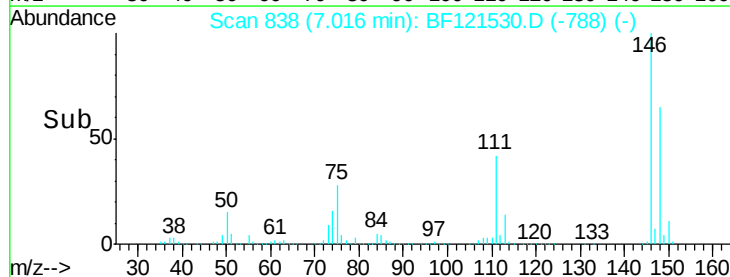
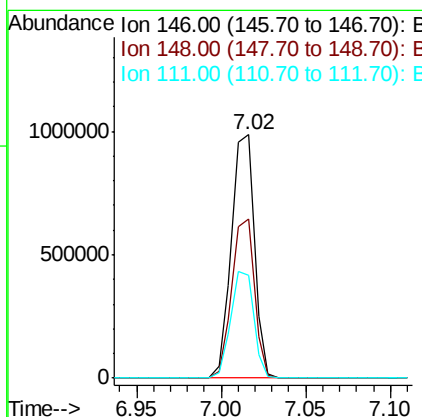
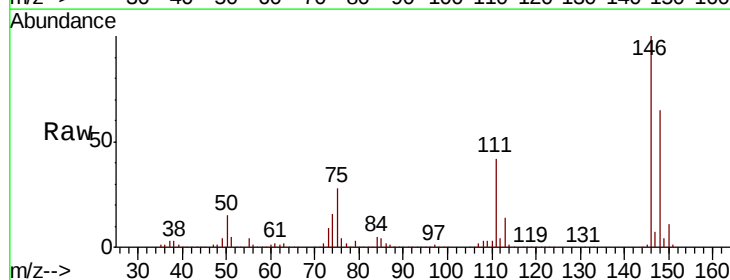
RT: 7.02 min Scan# 838

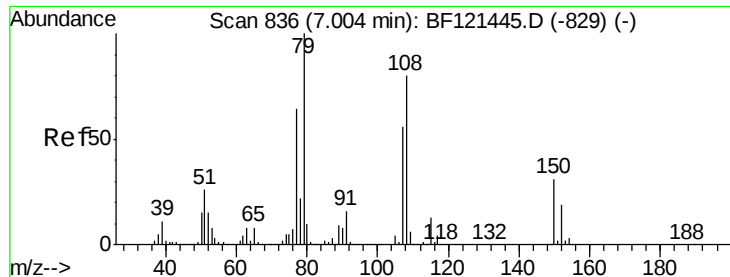
Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Tgt Ion:	146	Resp:	931647
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.9	77.9
111	42.1	33.9	50.9





#15

Benzyl Alcohol

Concen: 42.975 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

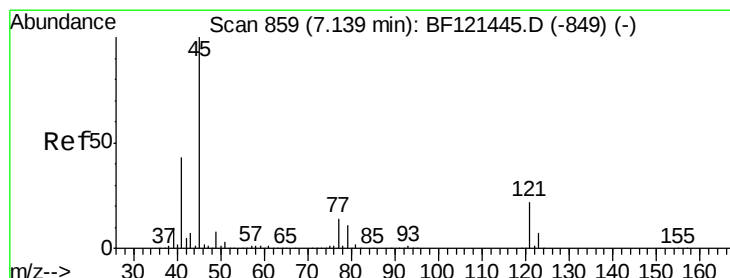
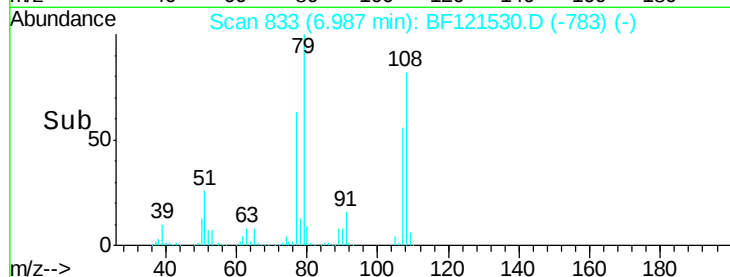
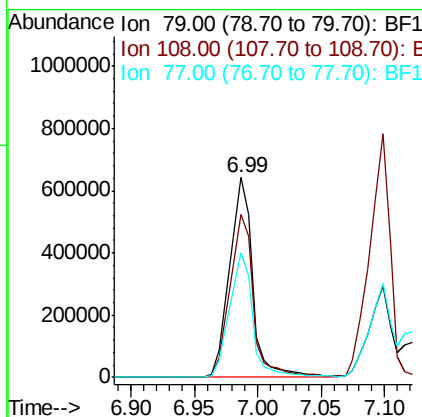
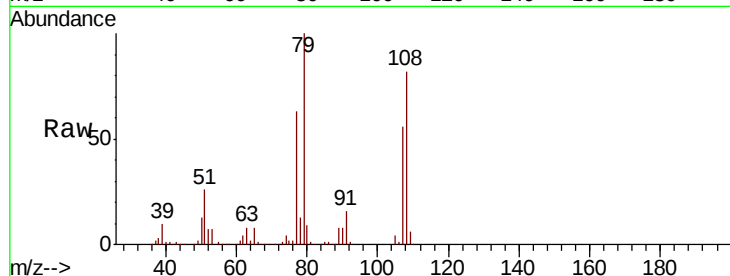
ClientSampleId :

CL-01-090320MS

Tot Ion:	79	Resp:	812083
Ion Ratio	Lower	Upper	
79	100		
108	81.6	66.9	100.3
77	62.7	49.8	74.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.386 ng

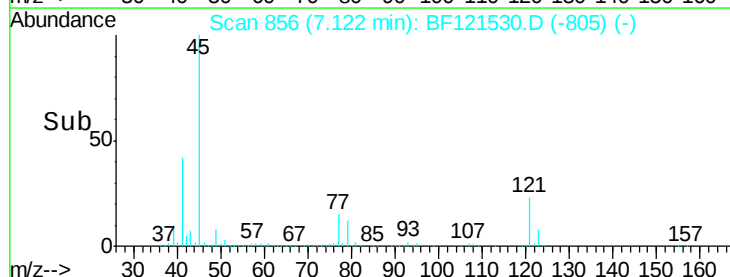
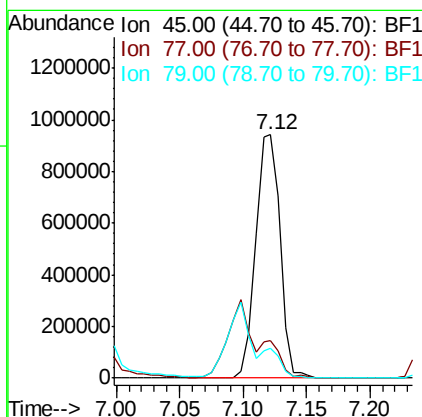
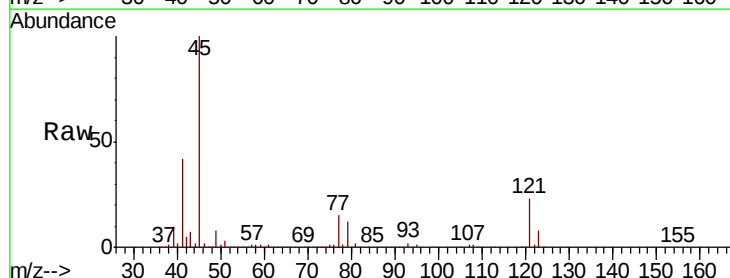
RT: 7.12 min Scan# 856

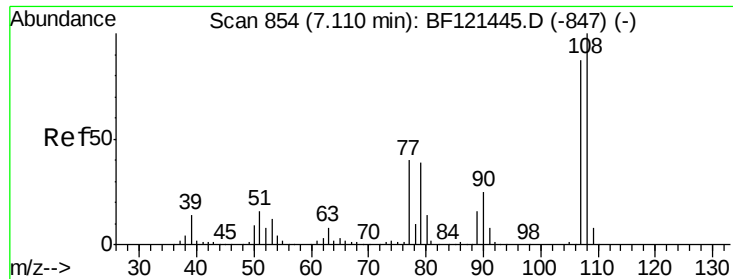
Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Tgt Ion:	45	Resp:	1267346
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	34.7
79	12.1	0.0	31.2





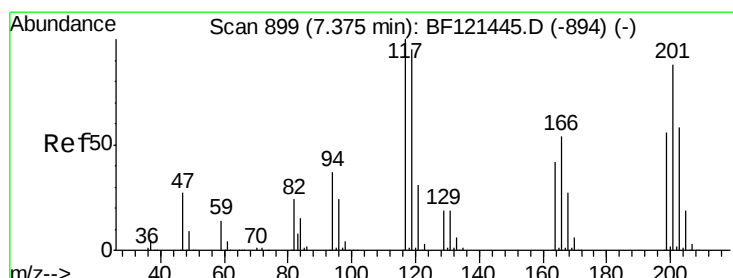
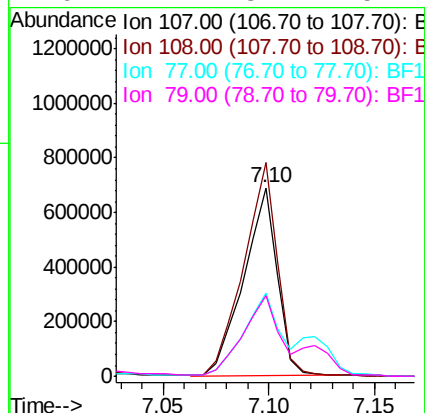
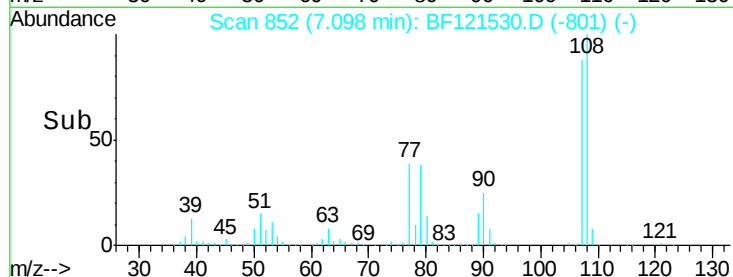
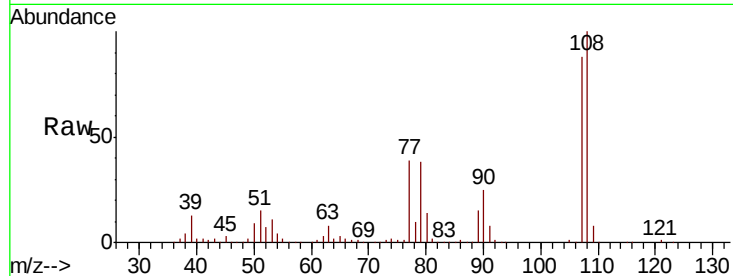
#17
2-Methylphenol
Concen: 41.784 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.3	91.6	137.4		
77	43.9	35.4	53.0		
79	42.7	34.7	52.1		

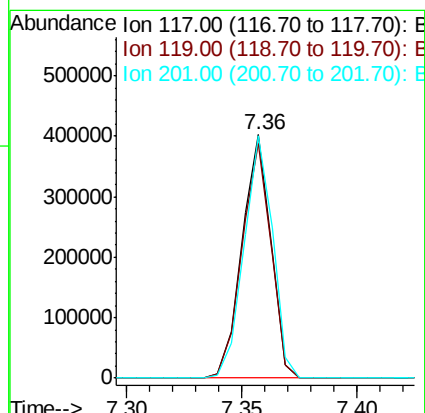
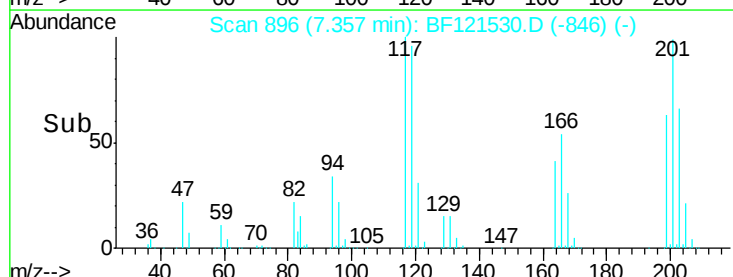
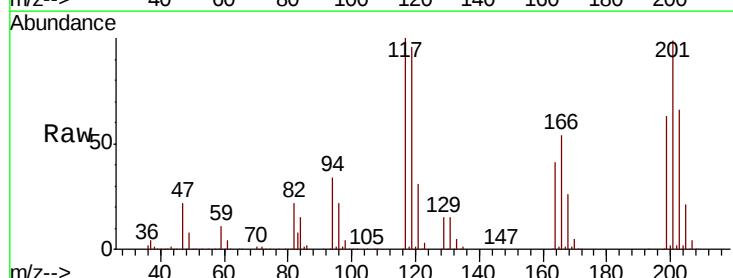
Manual Integrations
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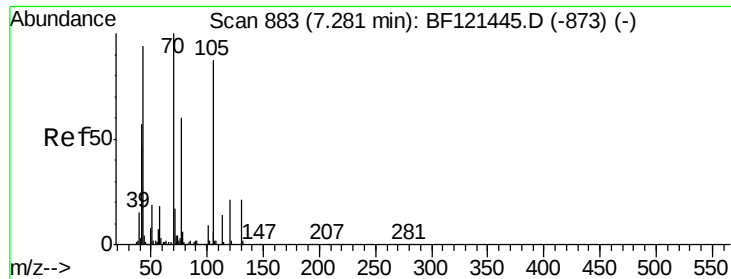
Sohil
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#18
Hexachloroethane
Concen: 40.632 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.3	77.0	115.4		
201	99.5	82.5	123.7		





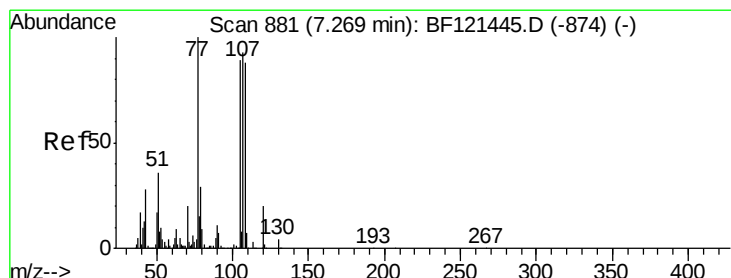
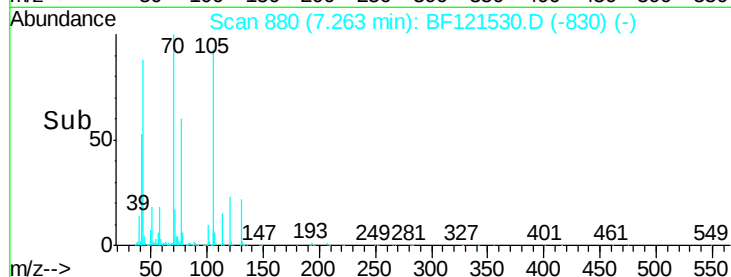
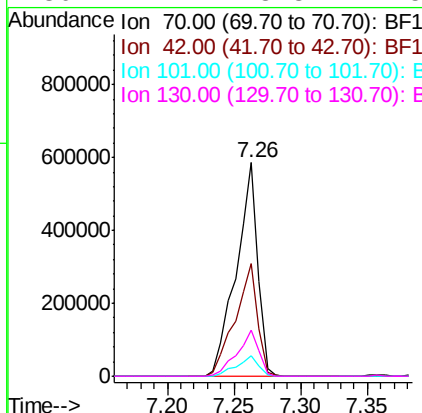
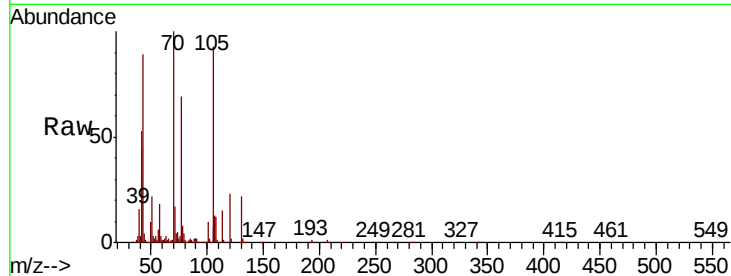
#19
n-Nitroso-di-n-propylamine
Concen: 41.152 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.0	42.0	63.0	
101	9.7	8.1	12.1	
130	21.7	18.3	27.5	

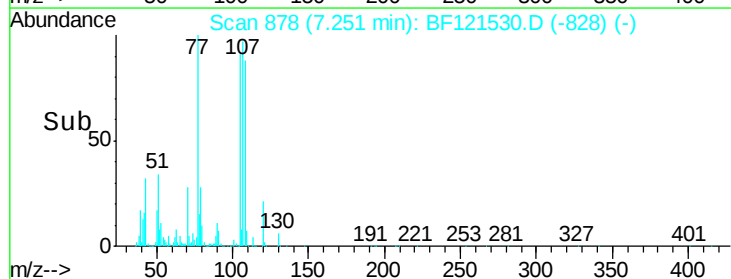
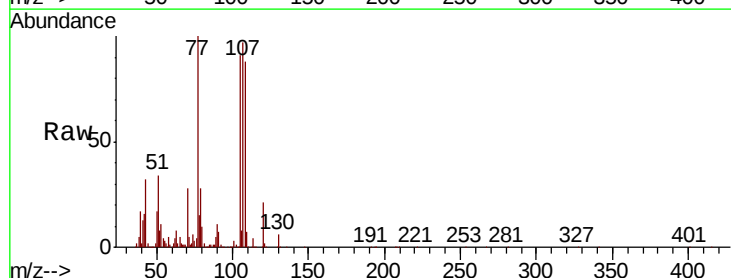
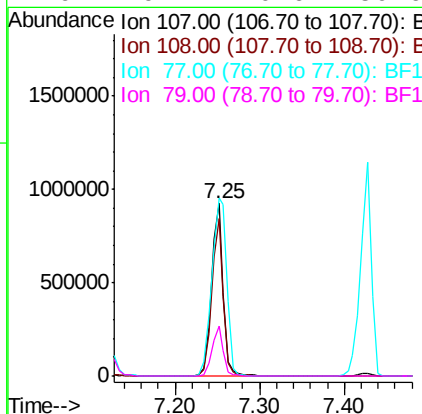
Manual Integrations
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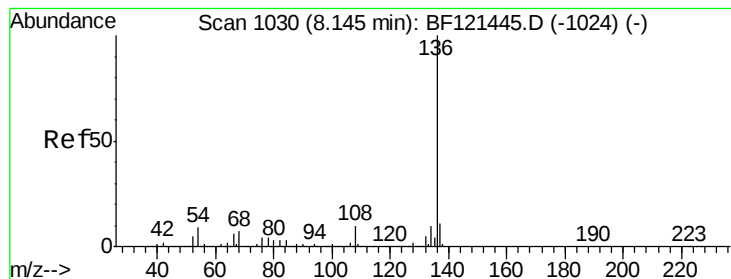
Sohil
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#20
3+4-Methylphenols
Concen: 40.832 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	74.0	114.0	
77	103.0	96.7	136.7	
79	29.1	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: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

Tot Ion:136 Resp: 1315273

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.2 9.4

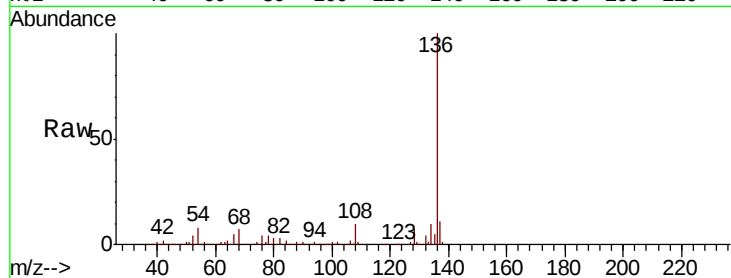
68 6.6 5.1 7.7

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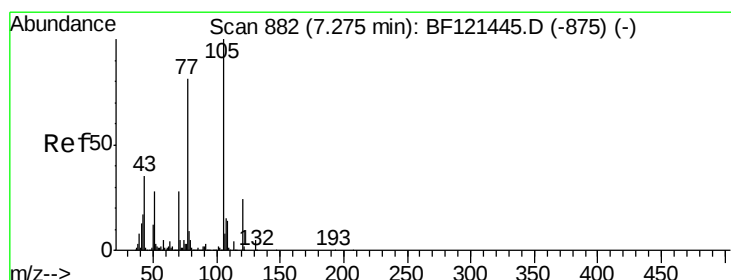
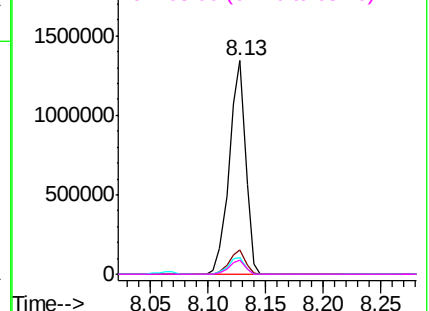
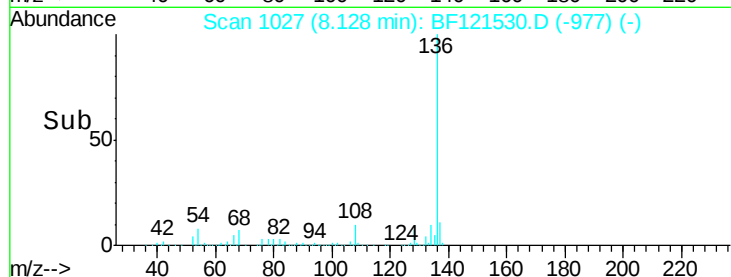
Abundance

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: 38.063 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Tgt Ion:105 Resp: 1233930

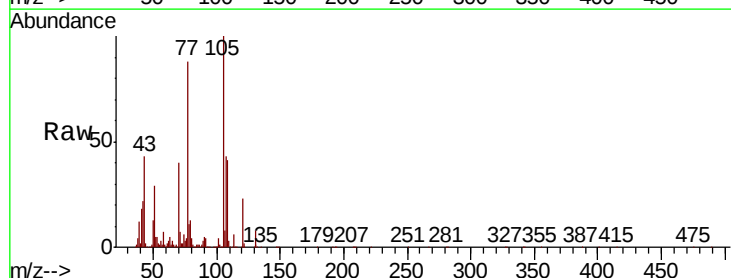
Ion Ratio Lower Upper

105 100

71 6.8 6.0 9.0

51 29.4 20.7 31.1

120 23.4 18.9 28.3



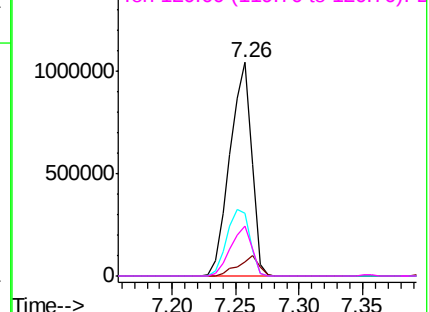
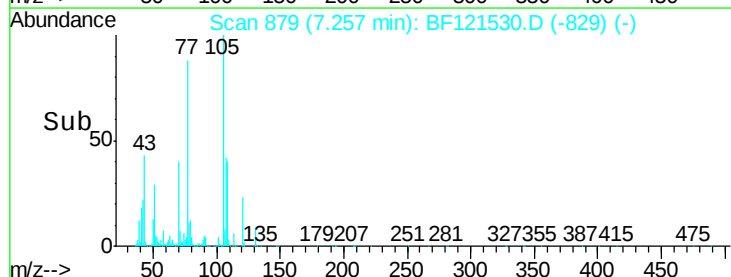
Abundance

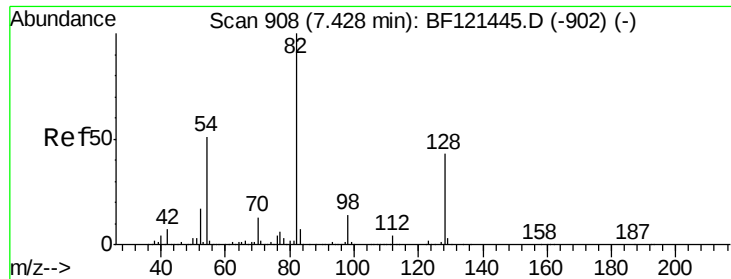
Ion 105.00 (104.70 to 105.70): E

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





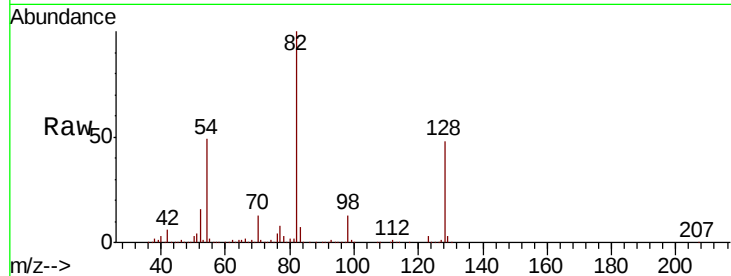
#23
Nitrobenzene-d5
Concen: 91.107 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.3	55.9
54	48.7	39.0	58.6

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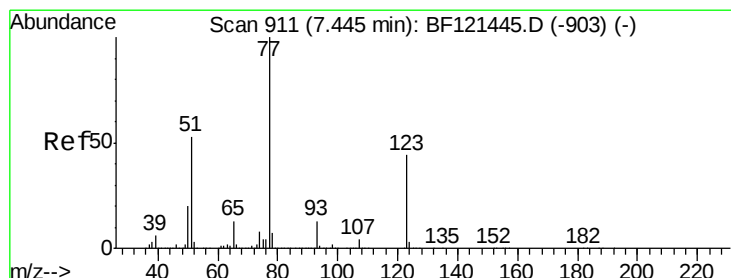
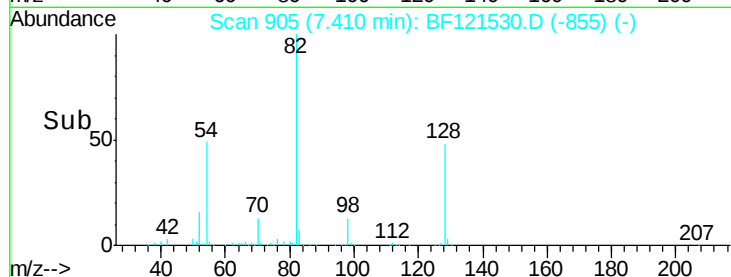
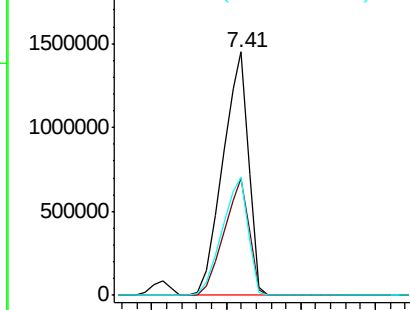


Abundance

Ion 82.00 (81.70 to 82.70): BF1

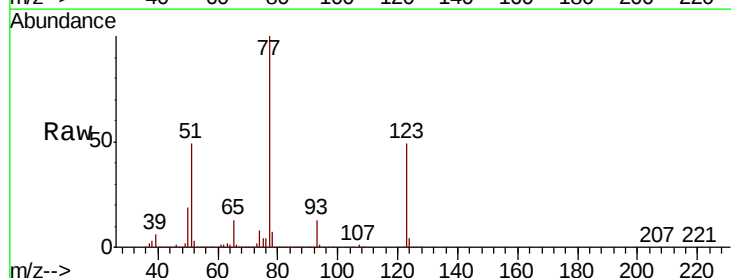
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 51.377 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.7	59.5
65	13.5	11.0	16.4

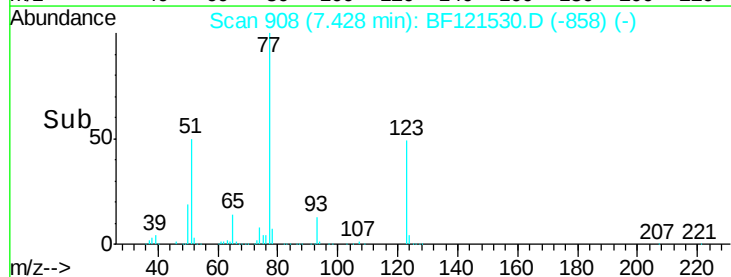
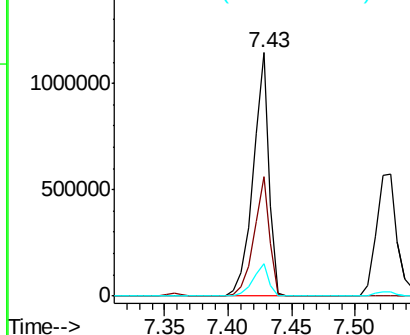


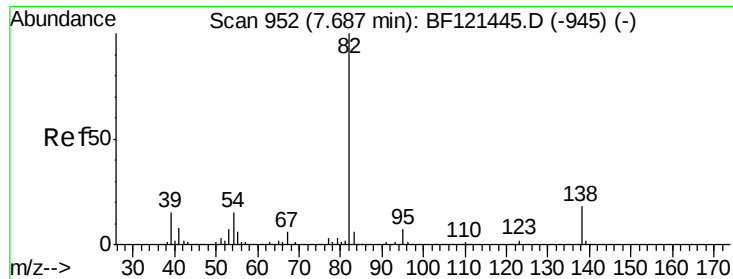
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.475 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

Tot Ion: 82 Resp: 1881282

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

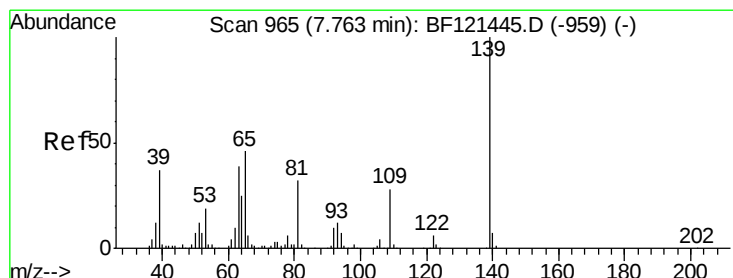
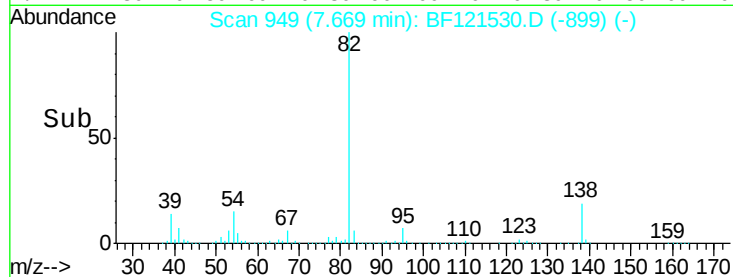
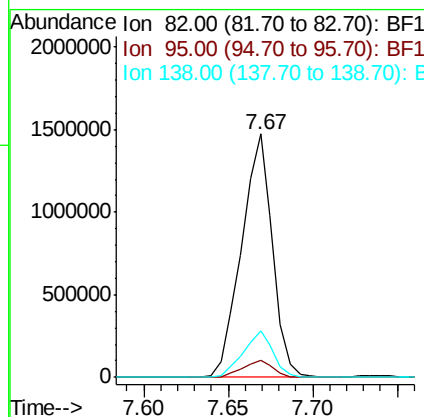
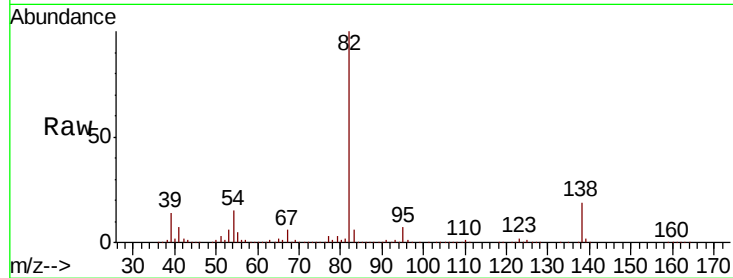
138 18.9 15.6 23.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 57.414 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

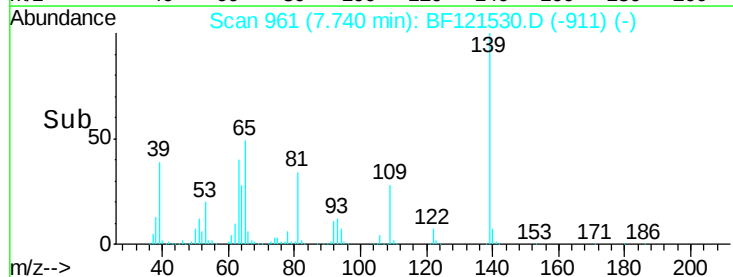
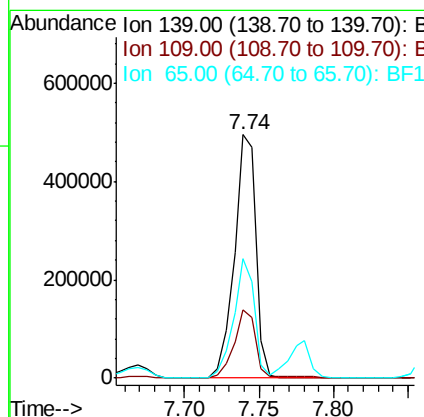
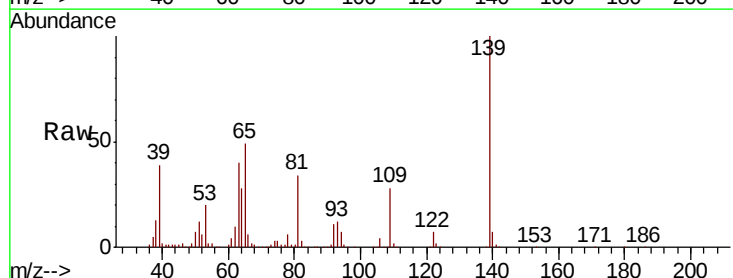
Tgt Ion: 139 Resp: 503088

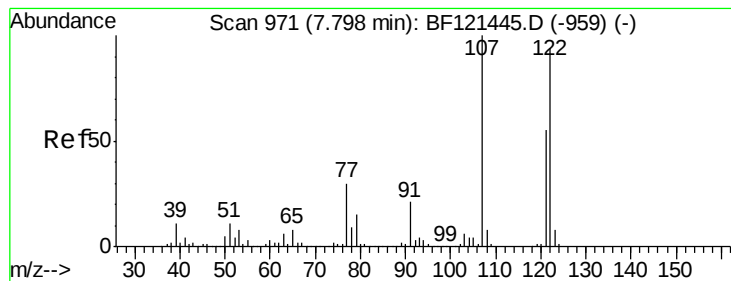
Ion Ratio Lower Upper

139 100

109 28.0 22.0 33.0

65 49.2 39.3 58.9





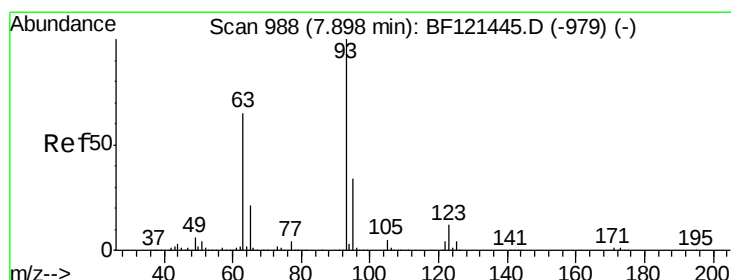
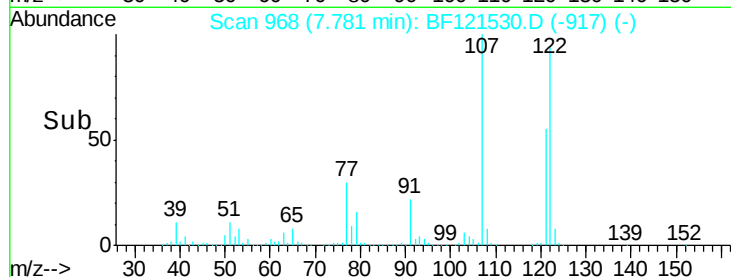
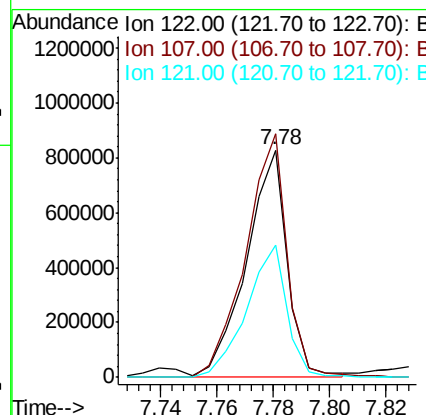
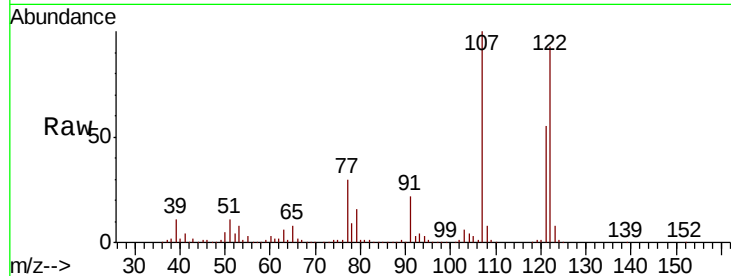
#27
2,4-Dimethylphenol
Concen: 46.031 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.0	87.7	131.5
121	58.4	46.5	69.7

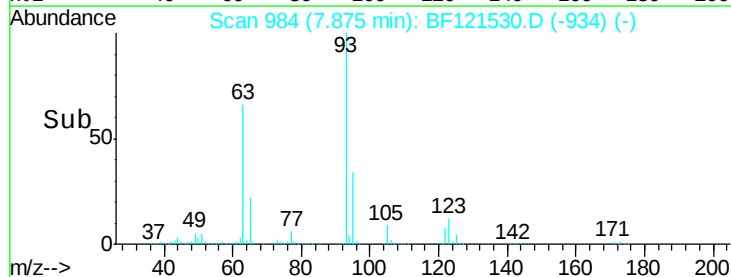
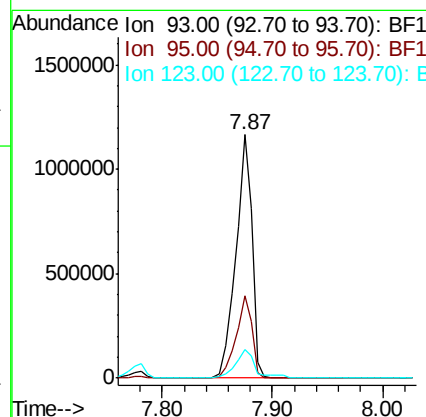
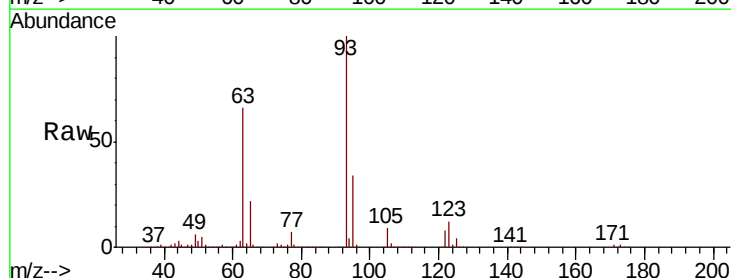
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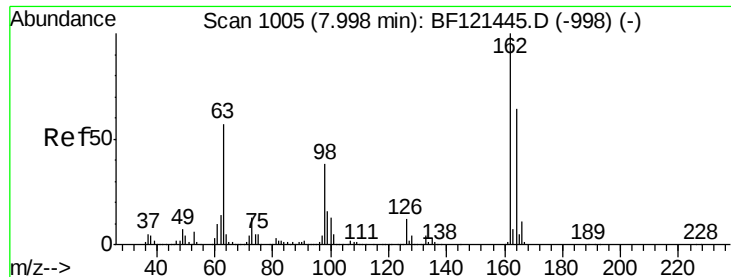
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#28
bis(2-Chloroethoxy)methane
Concen: 40.625 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.4	41.0
123	11.6	9.6	14.4





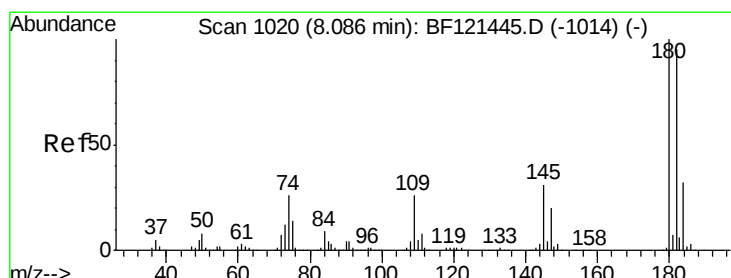
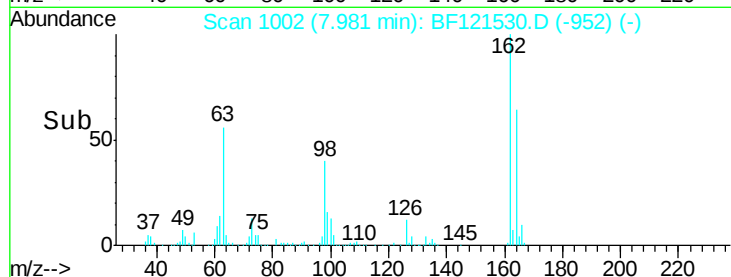
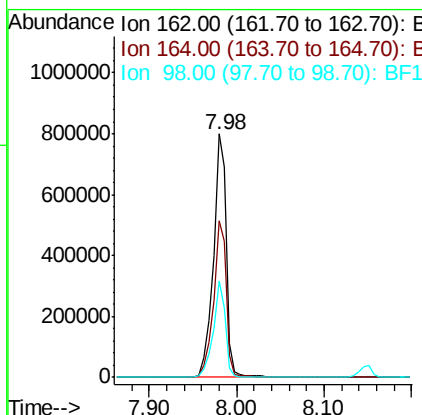
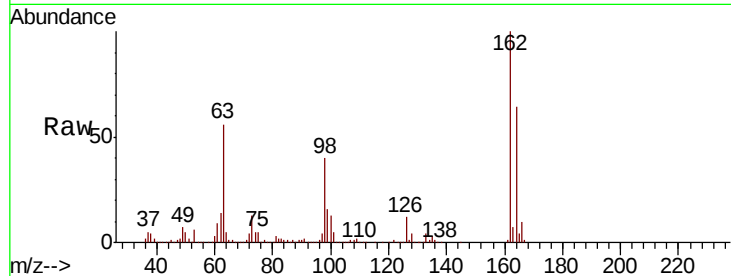
#29
 2,4-Dichlorophenol
 Concen: 46.174 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Instrument :
 BNA_F
 ClientSampleID :
 CL-01-090320MS

Tot Ion	162	Resp	818232
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.1	84.1
98	39.8	18.4	58.4

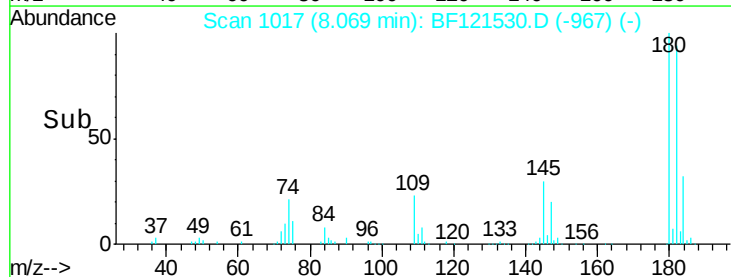
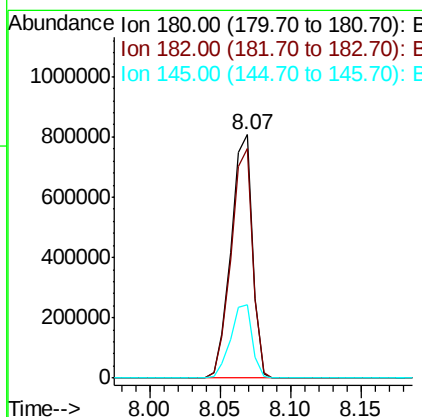
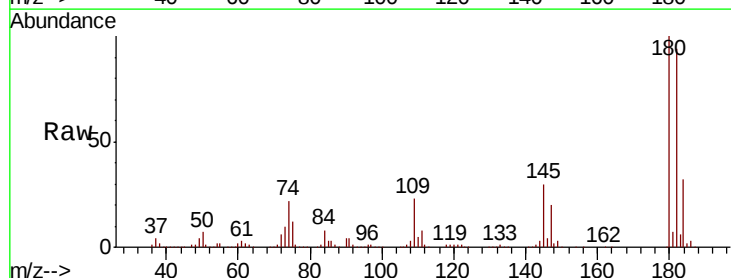
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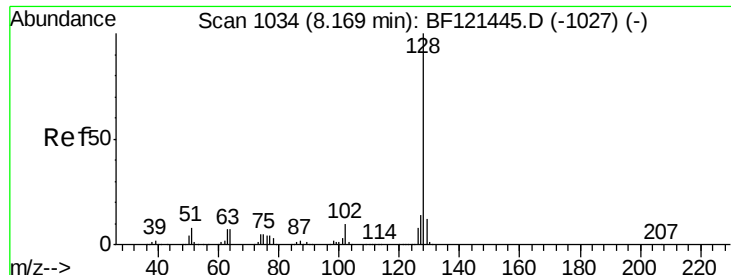
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.398 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion	180	Resp	855275
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.5	116.3
145	30.1	24.3	36.5





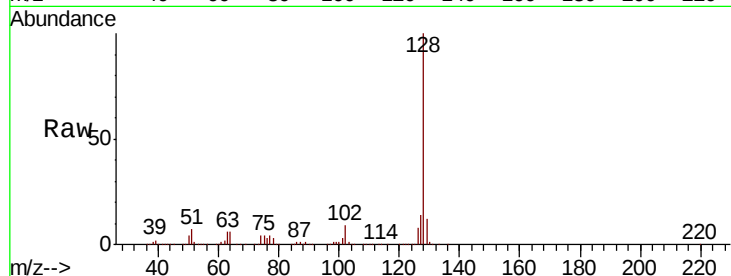
#31
Naphthalene
Concen: 40.361 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.7	14.5
127	14.2	11.1	16.7

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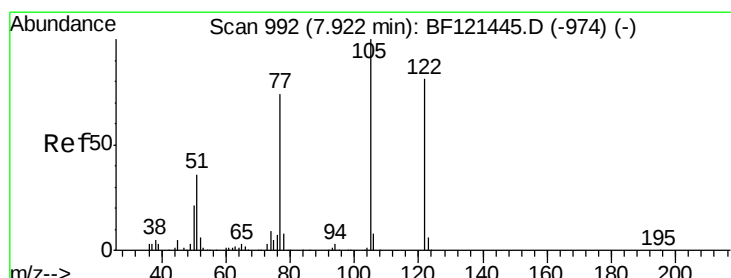
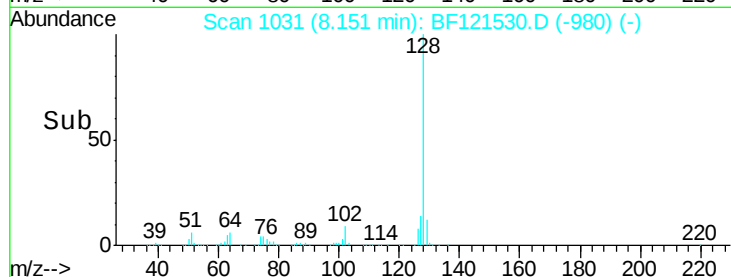
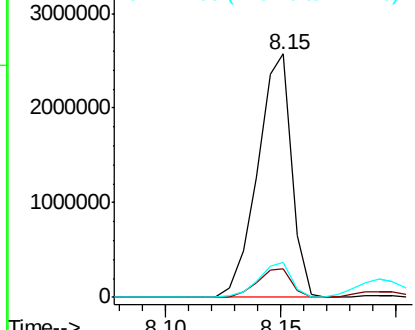


Abundance

Ion 128.00 (127.70 to 128.70): E

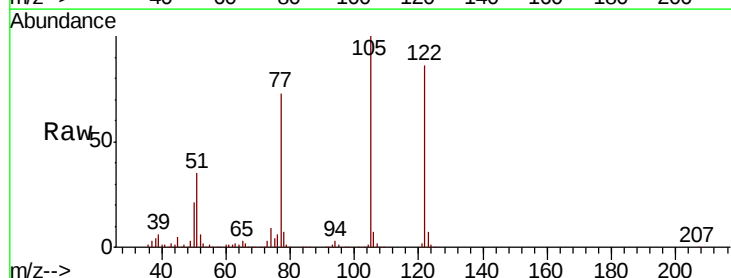
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 47.312 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.8	102.2	142.2
77	85.6	69.8	109.8

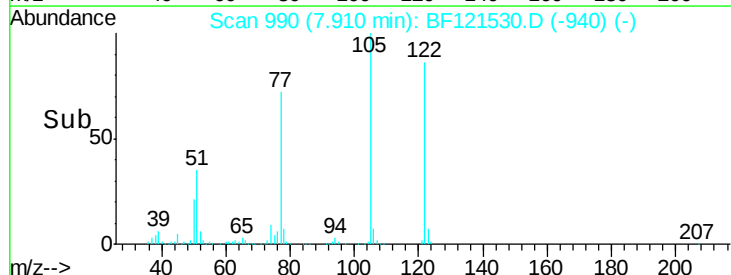
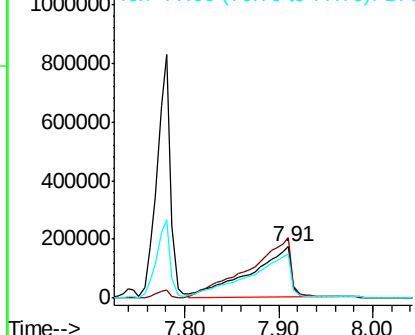


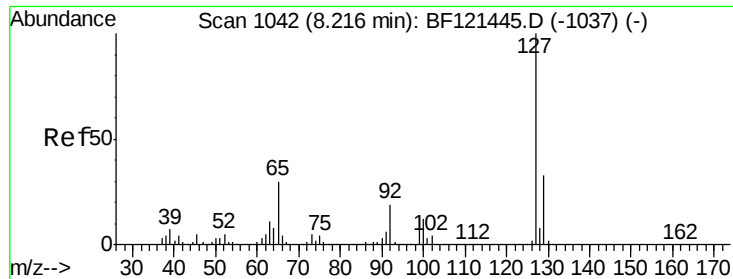
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





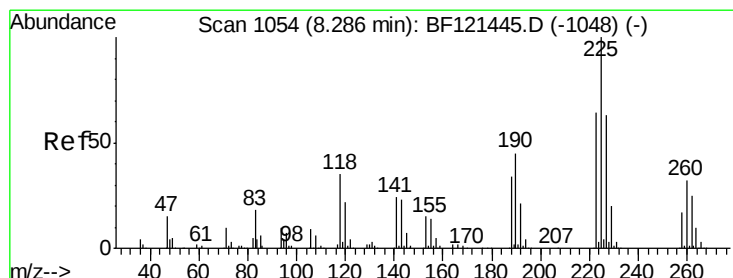
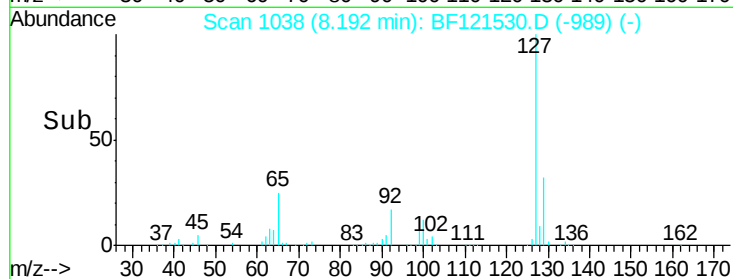
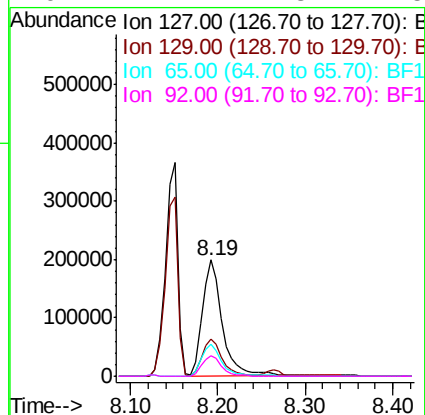
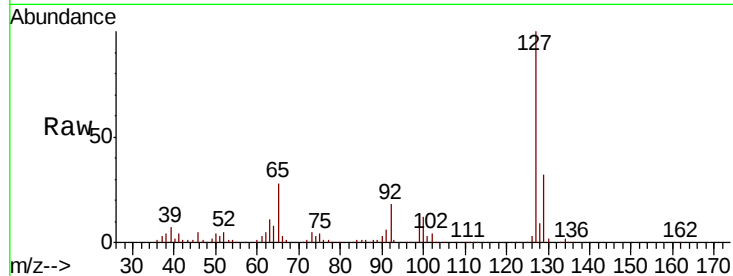
#33
4-Chloroaniline
Concen: 10.822 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.2	39.4		
65	28.1	21.8	32.6		
92	17.7	14.3	21.5		

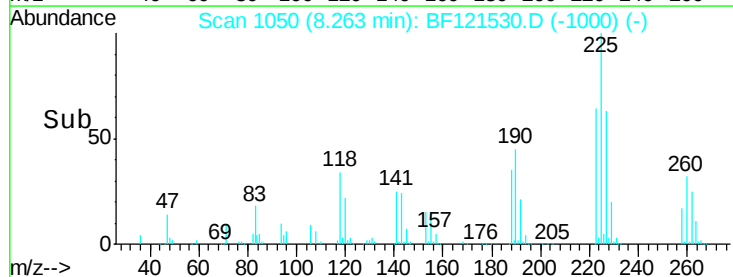
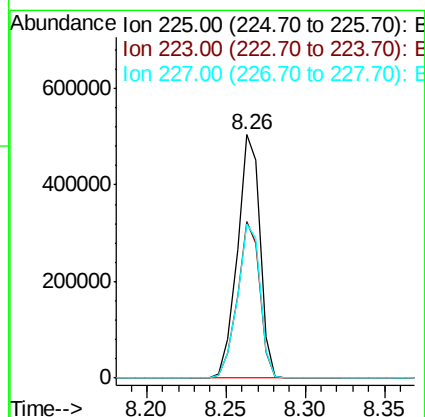
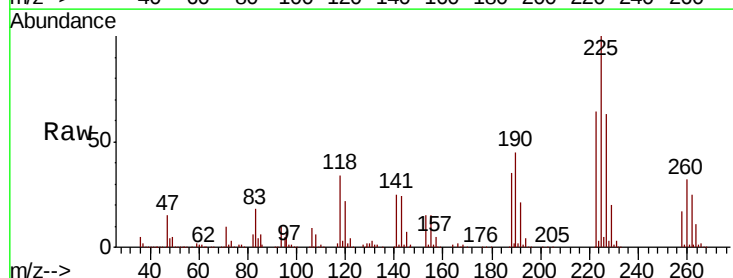
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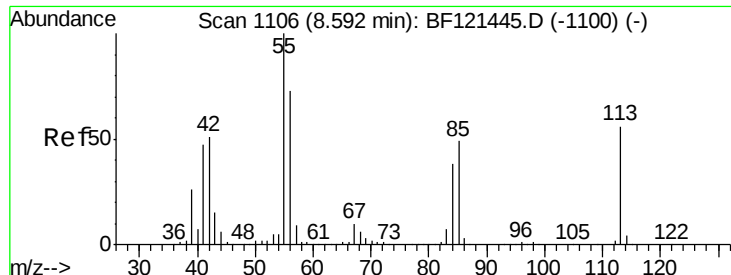
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#34
Hexachlorobutadiene
Concen: 38.454 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	51.8	77.6		
227	63.3	51.0	76.4		





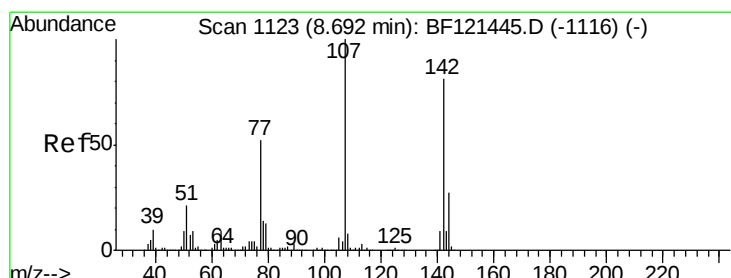
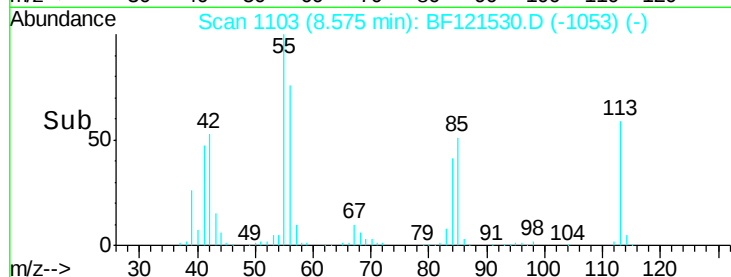
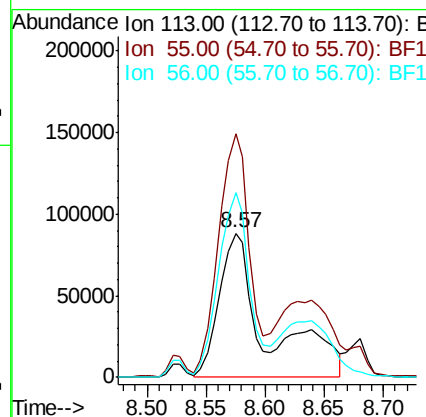
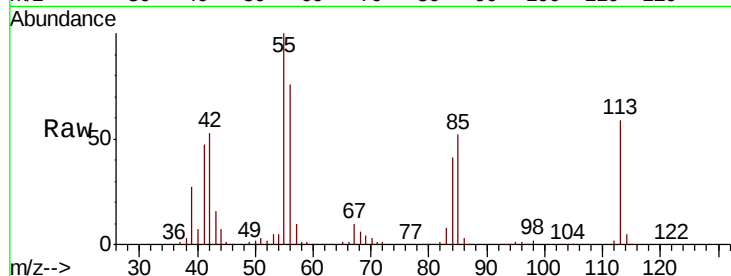
#35
Caprolactam
Concen: 42.584 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.3	149.1	189.1
56	128.7	104.4	144.4

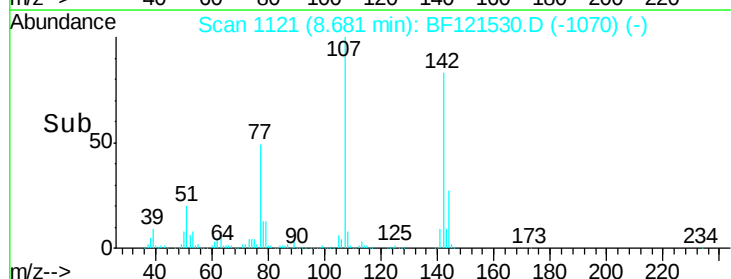
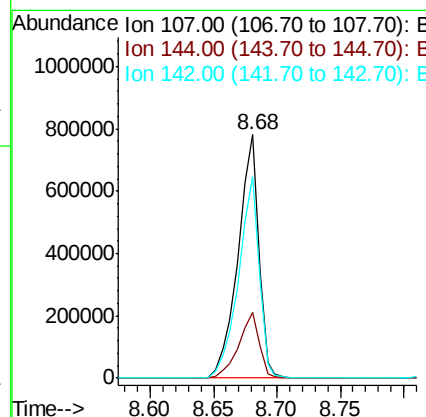
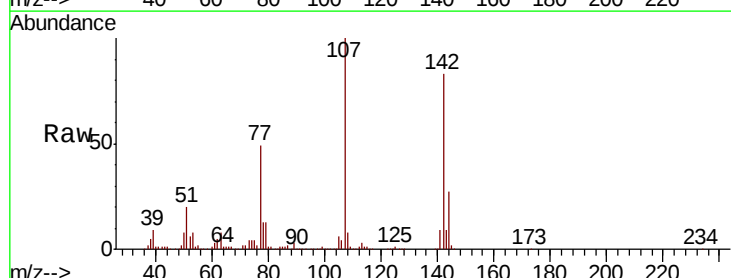
Manual Integrations
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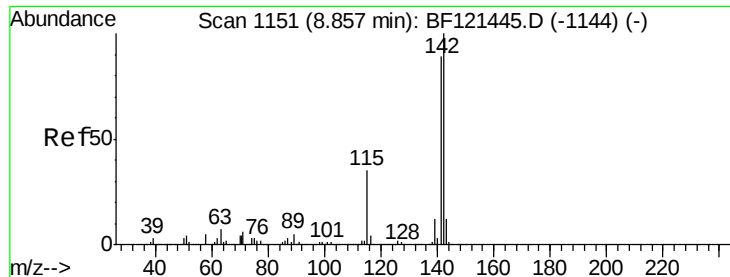
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#36
4-Chloro-3-methylphenol
Concen: 47.141 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.3	31.9
142	82.9	64.9	97.3





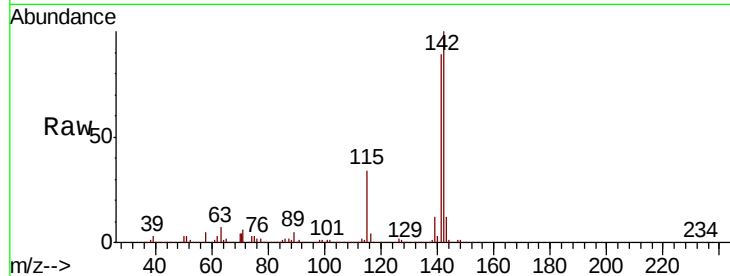
#37
2-Methylnaphthalene
Concen: 42.820 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.9	107.9
115	34.3	27.7	41.5

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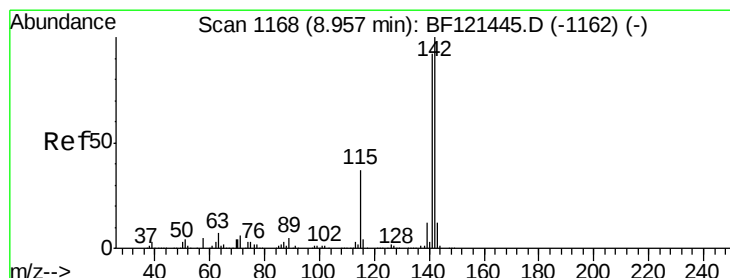
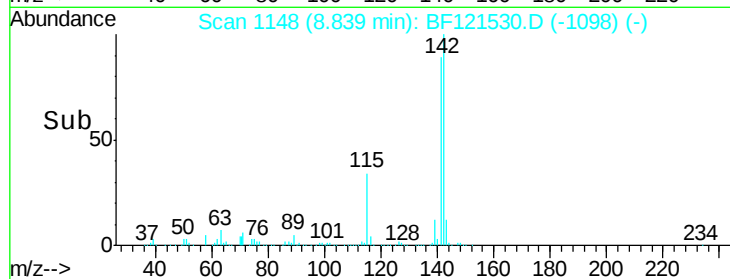
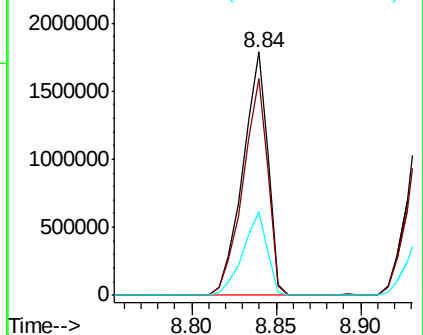


Abundance

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: 42.112 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

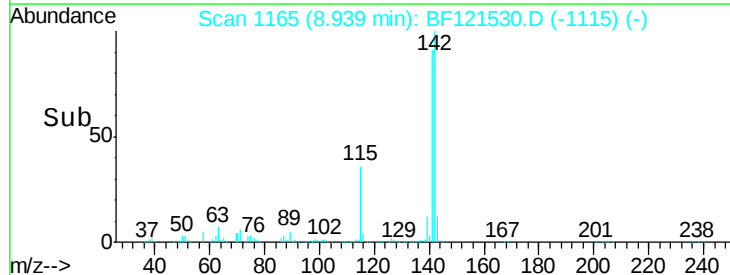
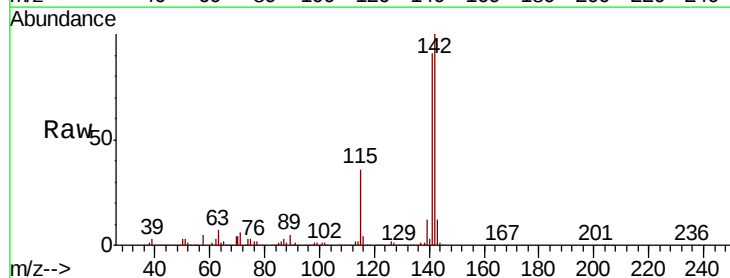
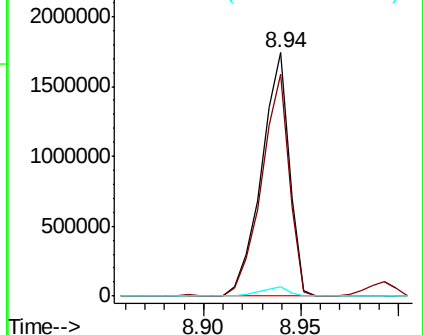
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.7	110.5
116	3.8	3.0	4.4

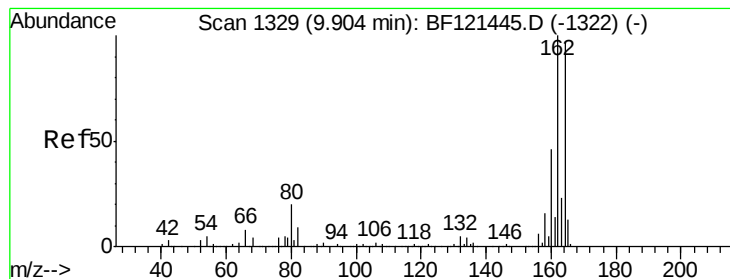
Abundance

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: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

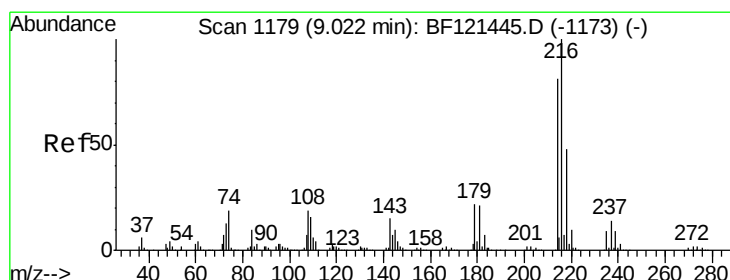
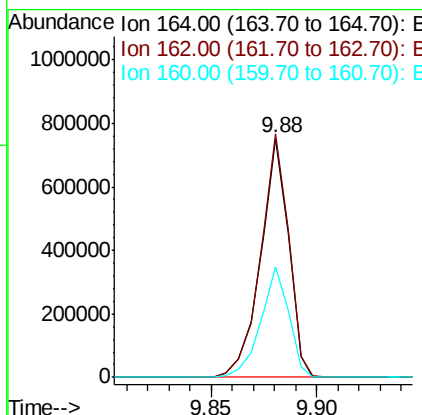
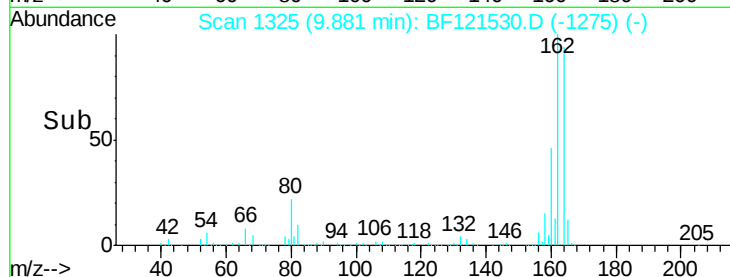
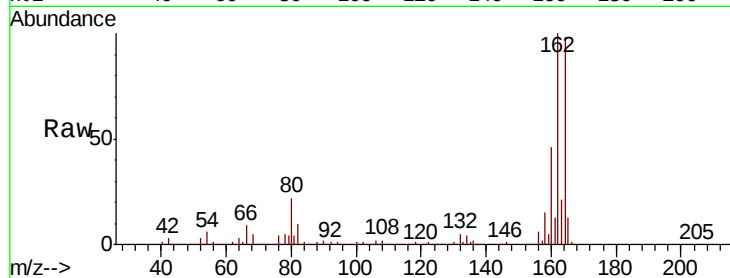
ClientSampleId :

CL-01-090320MS

Tot Ion:	164	Resp:	696561
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.5	120.7
160	46.4	36.2	54.4

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.380 ng

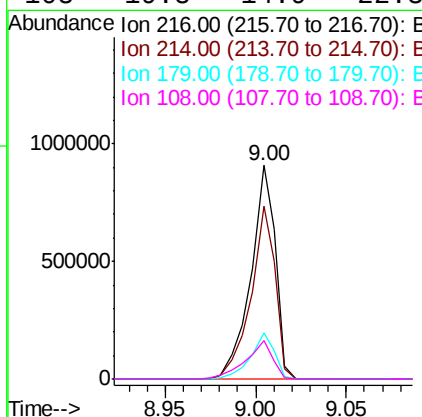
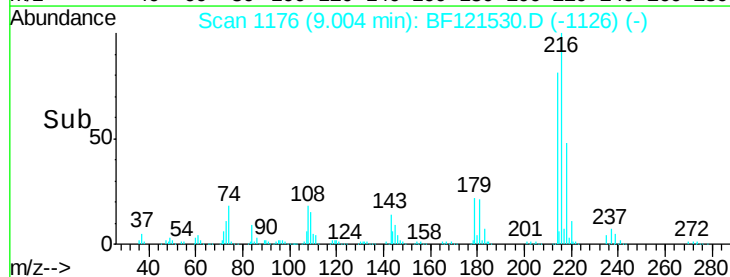
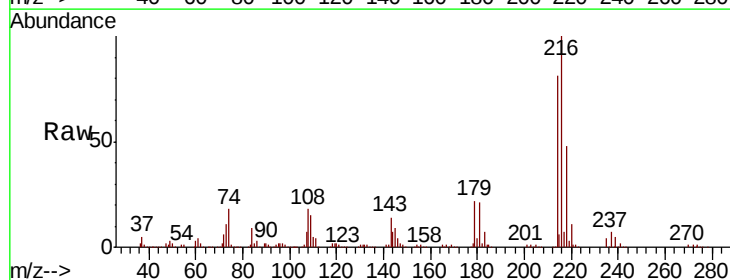
RT: 9.00 min Scan# 1176

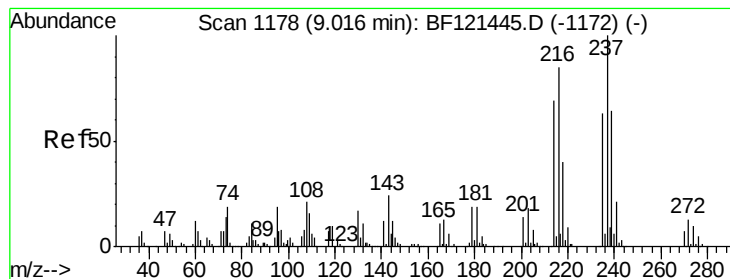
Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Tgt Ion:	216	Resp:	854419
Ion Ratio	Lower	Upper	
216	100		
214	79.8	64.3	96.5
179	21.0	16.9	25.3
108	19.8	14.9	22.3





#41

Hexachlorocyclopentadiene

Concen: 95.065 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

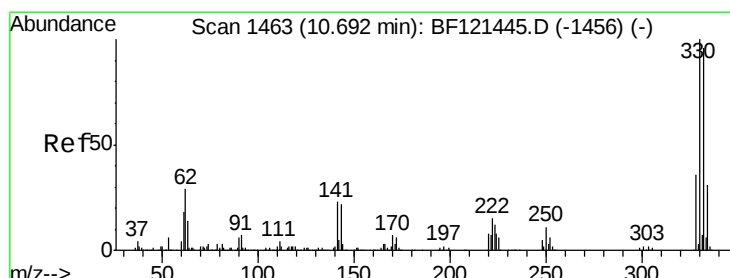
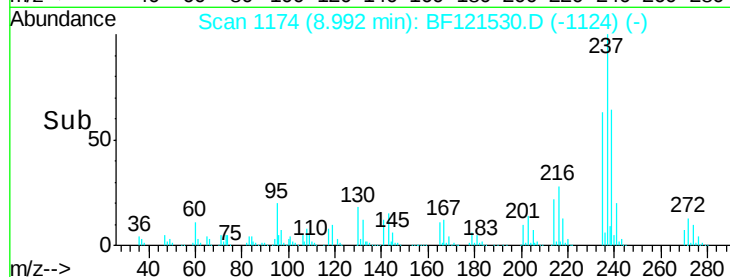
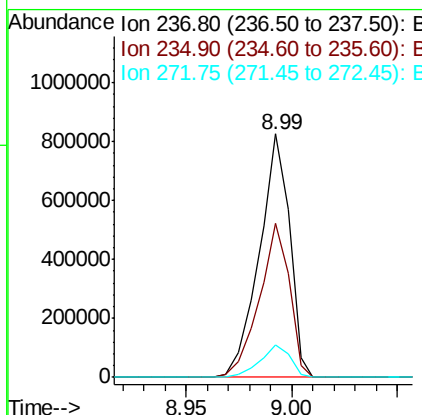
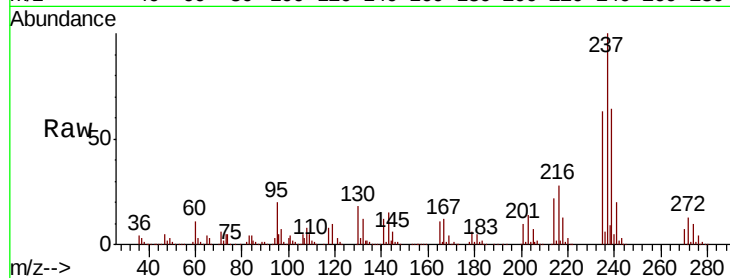
ClientSampleId :

CL-01-090320MS

Tot Ion:	237	Resp:	825454
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.0	83.0
272	13.4	0.0	34.0

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 138.247 ng

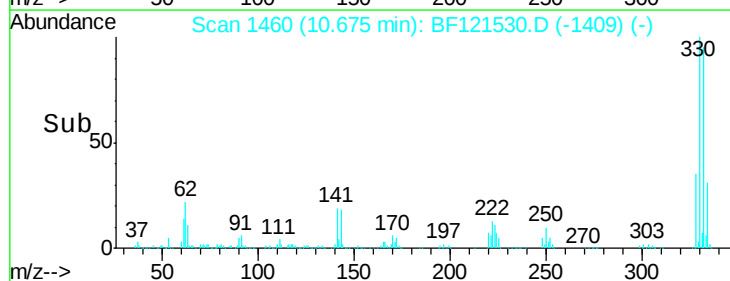
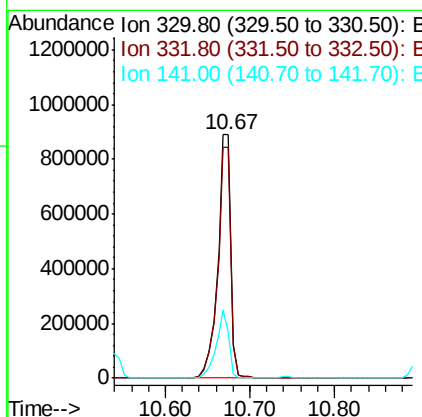
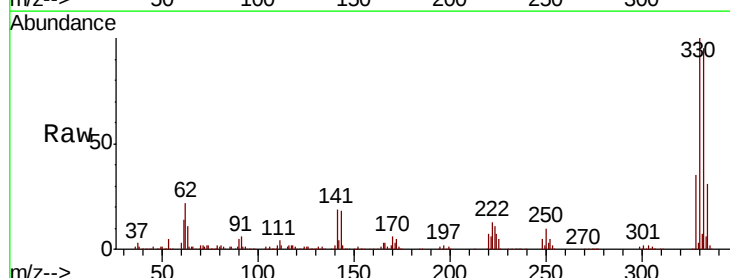
RT: 10.67 min Scan# 1460

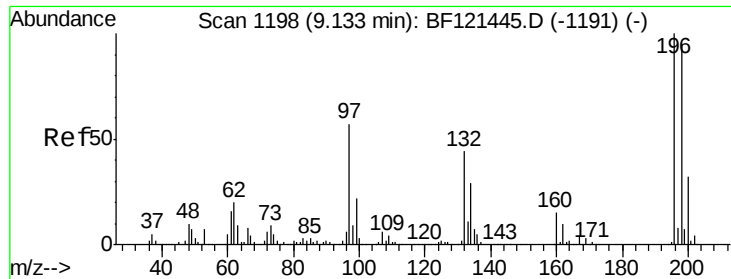
Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Tgt Ion:	330	Resp:	972656
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.2	114.2
141	27.3	22.6	34.0





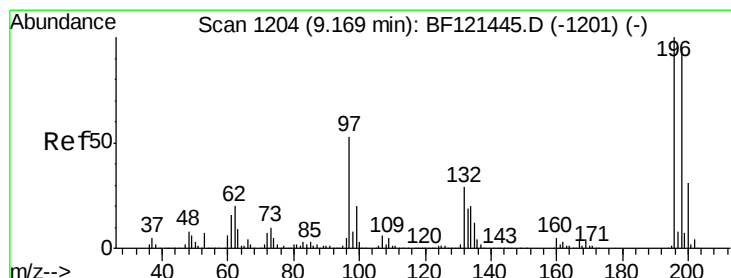
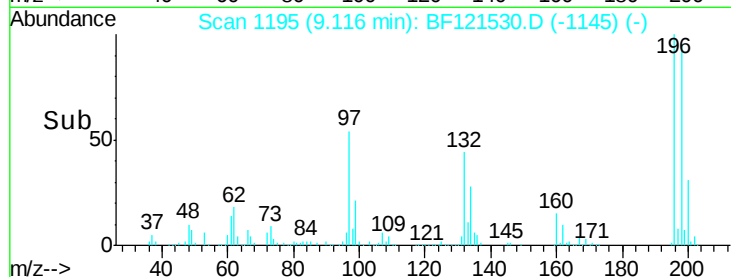
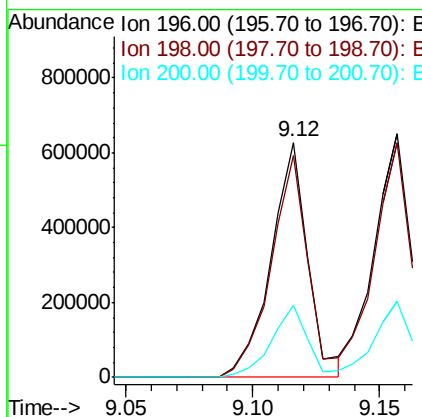
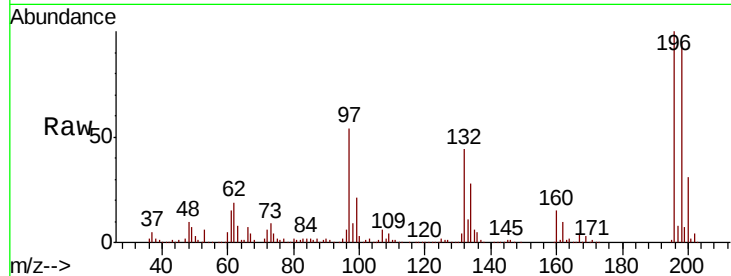
#43
 2,4,6-Trichlorophenol
 Concen: 48.886 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Tot Ion:	196	Resp:	638005
Ion Ratio	Lower	Upper	
196	100		
198	94.8	77.1	115.7
200	30.8	25.0	37.4

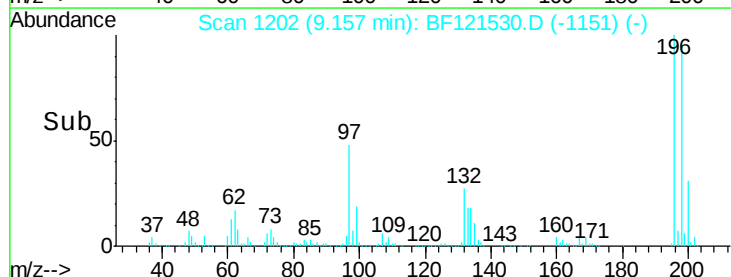
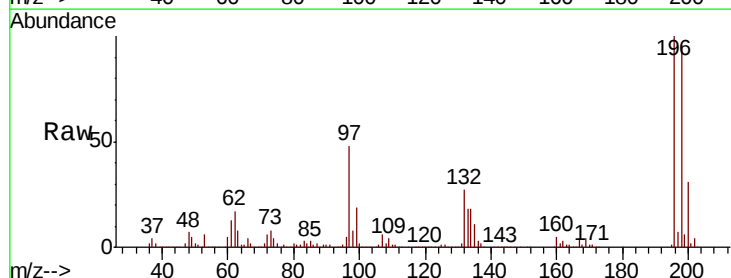
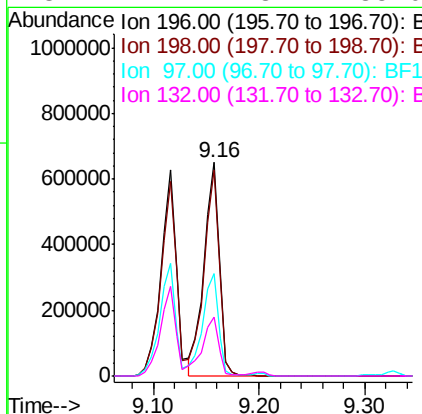
Manual Integrations
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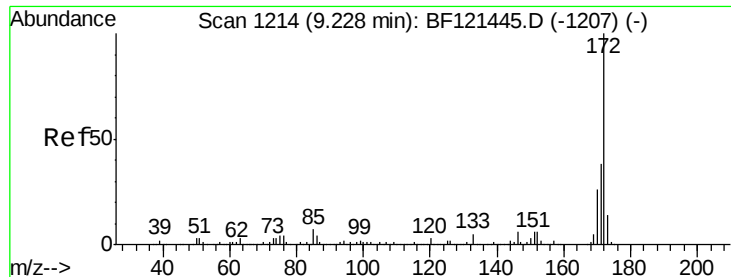
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 50.865 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:	196	Resp:	656432
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.5	113.3
97	47.8	42.2	63.4
132	27.4	23.4	35.0





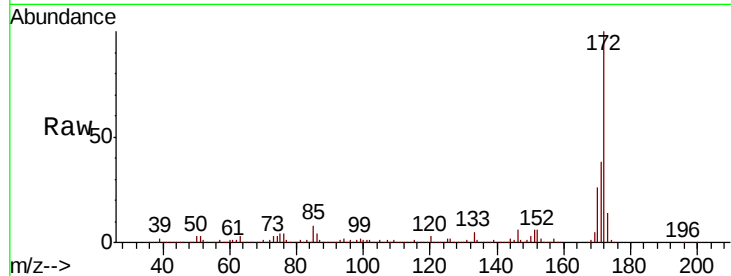
#45
2-Fluorobiphenyl
Concen: 71.884 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.4	45.6
170	26.0	20.7	31.1

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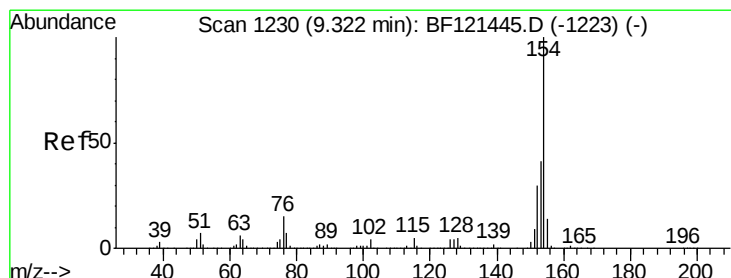
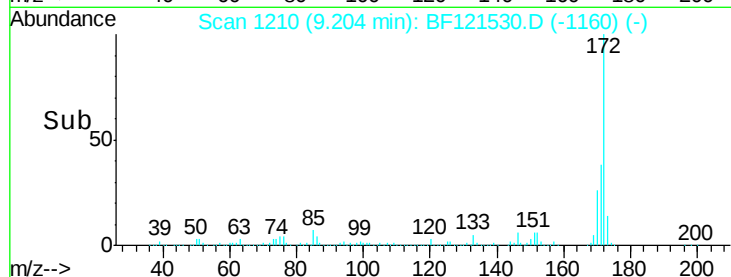
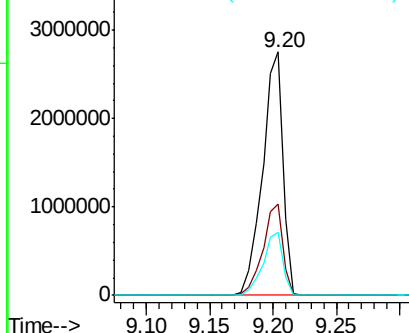


Abundance

Ion 172.00 (171.70 to 172.70): E

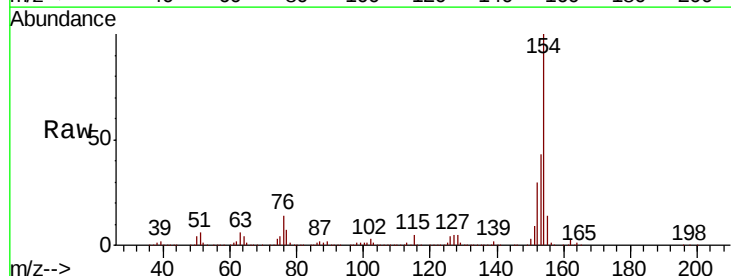
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.920 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.1	62.1
76	14.1	0.0	33.5

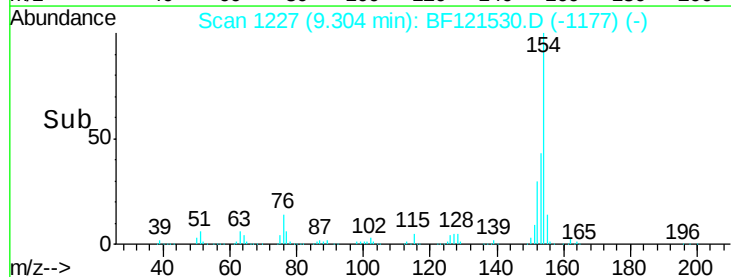
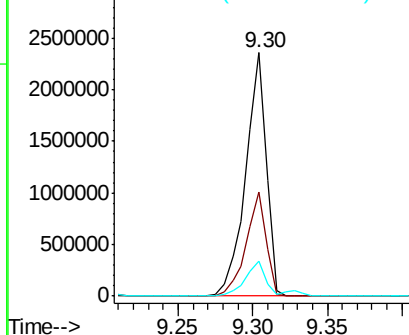


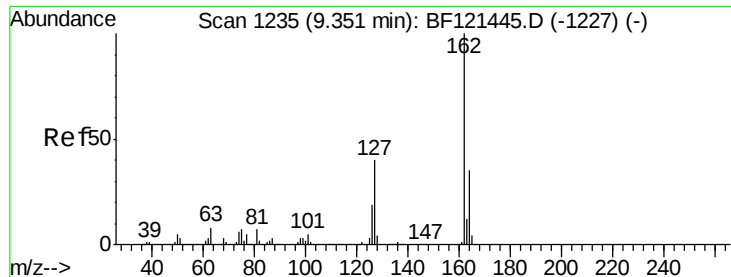
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





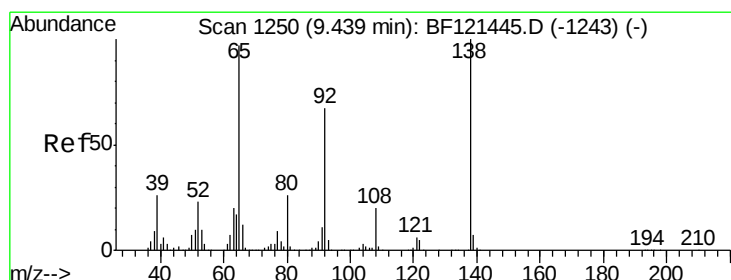
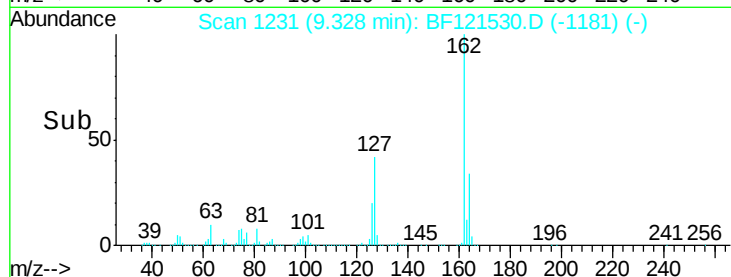
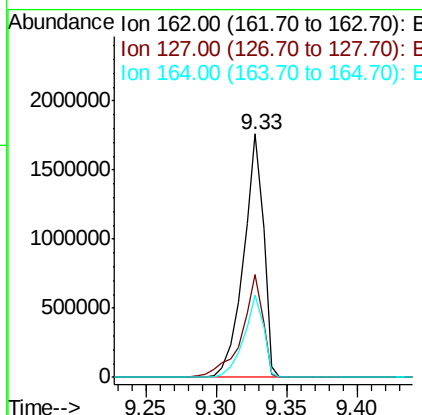
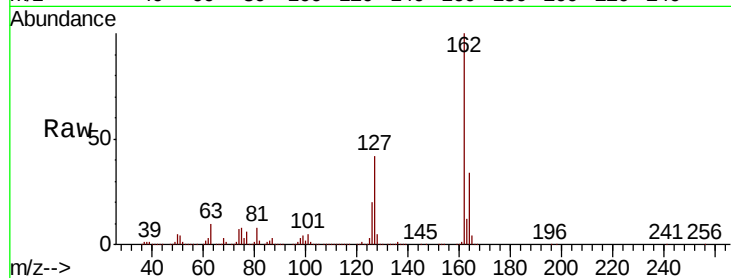
#47
2-Chloronaphthalene
Concen: 39.923 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	34.0	51.0
164	33.9	27.6	41.4

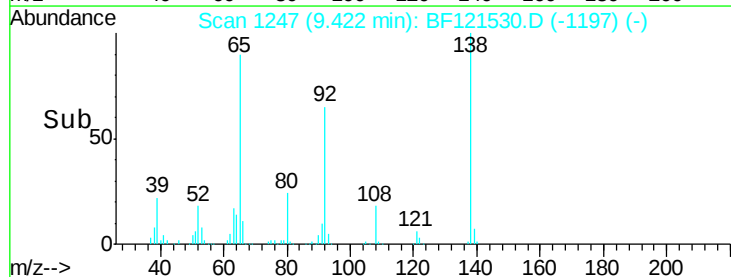
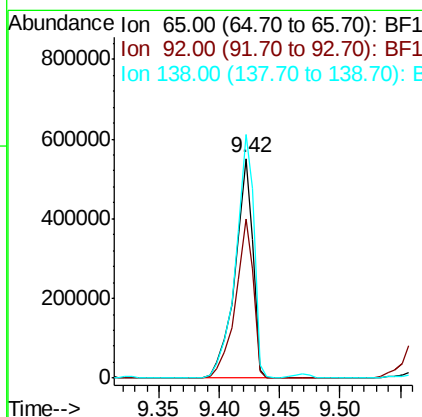
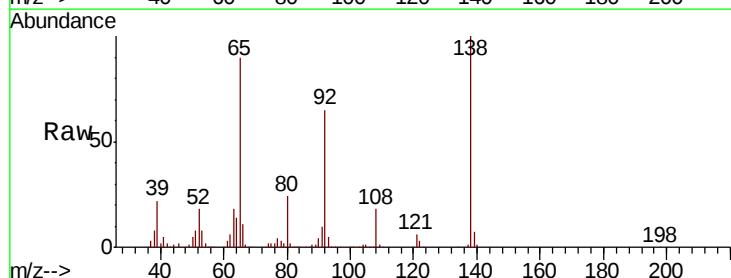
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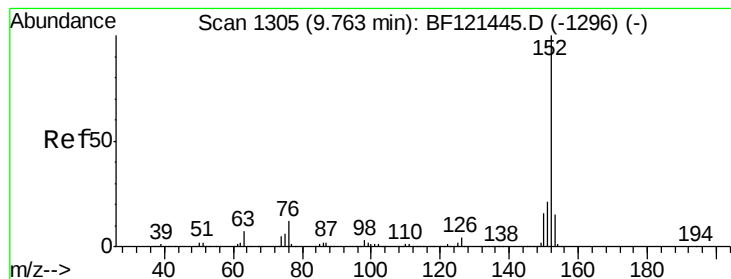
Sohil
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#48
2-Nitroaniline
Concen: 47.028 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	58.6	87.8
138	110.7	88.6	133.0





#49

Acenaphthylene

Concen: 43.139 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

Tot Ion:152 Resp: 2795613

Ion Ratio Lower Upper

152 100

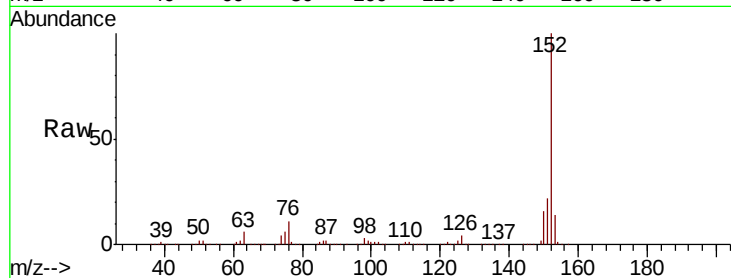
151 22.0 17.3 25.9

153 14.4 11.3 16.9

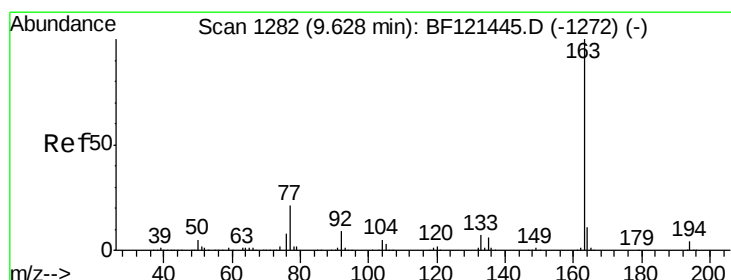
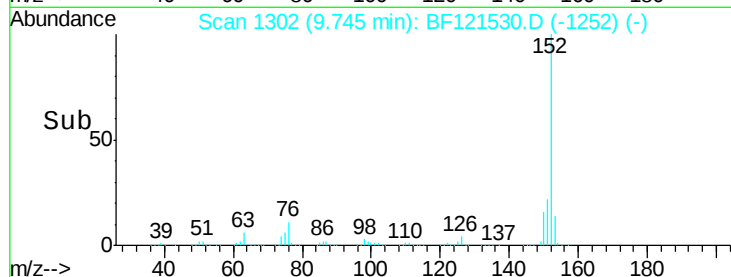
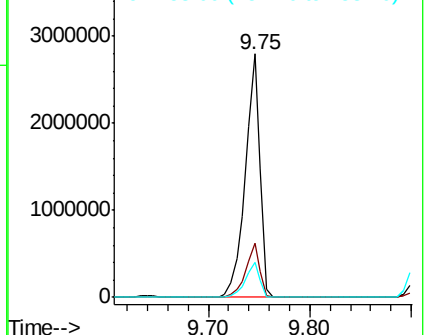
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.534 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

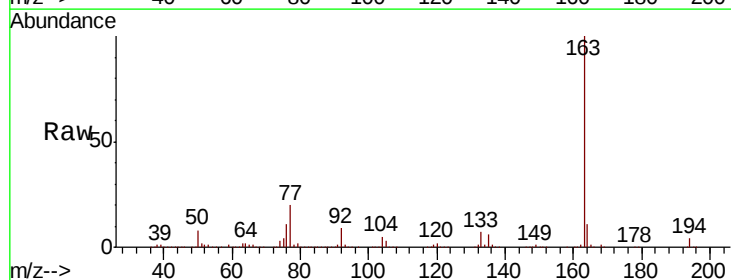
Tgt Ion:163 Resp: 2178662

Ion Ratio Lower Upper

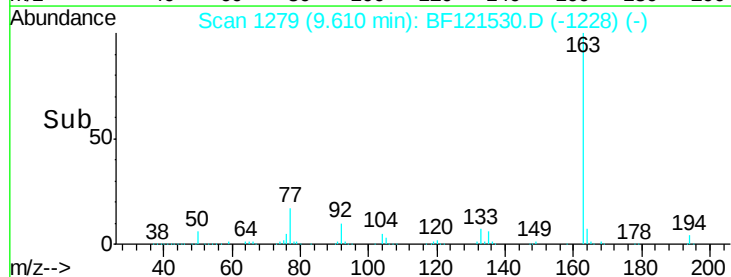
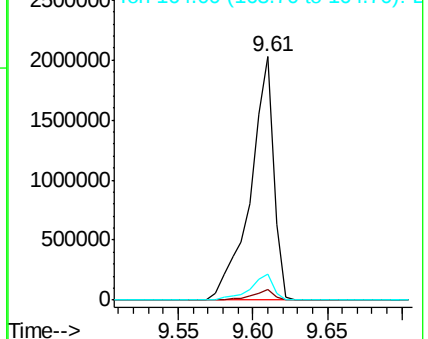
163 100

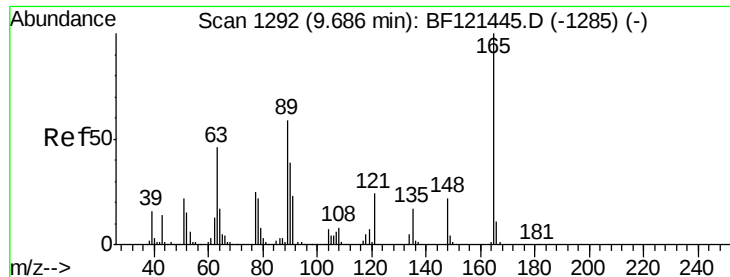
194 4.2 3.3 4.9

164 10.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





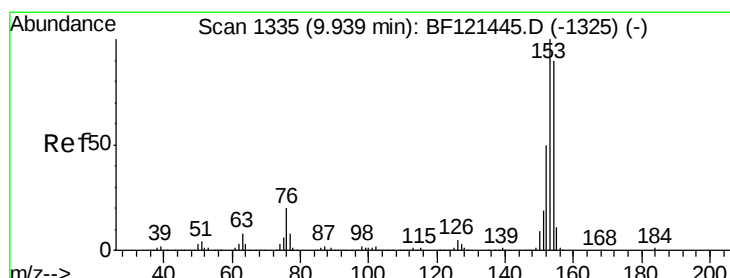
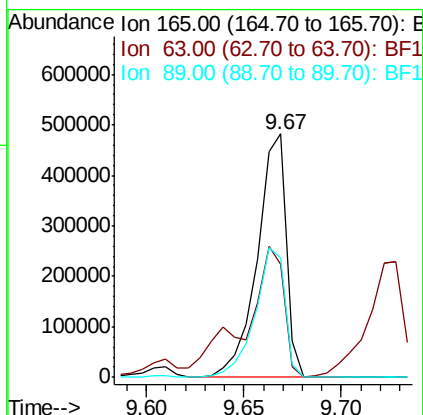
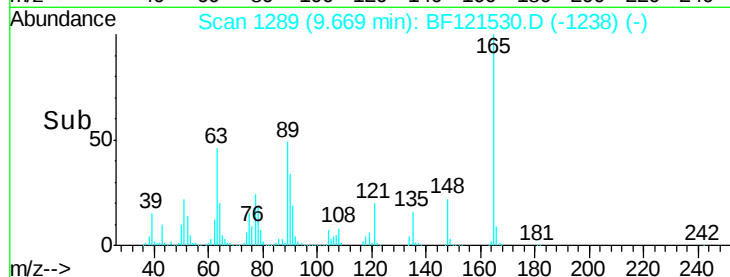
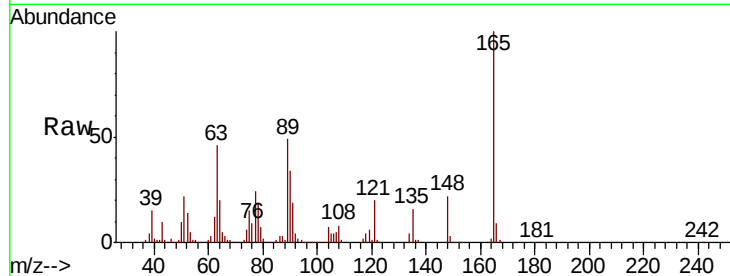
#51
2,6-Dinitrotoluene
Concen: 54.492 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	497644		
63	46.5		47.4	71.0#
89	49.1		47.9	71.9

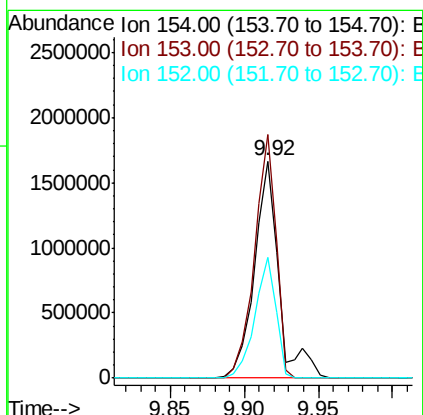
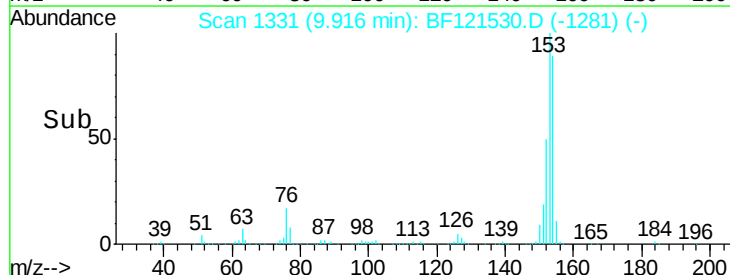
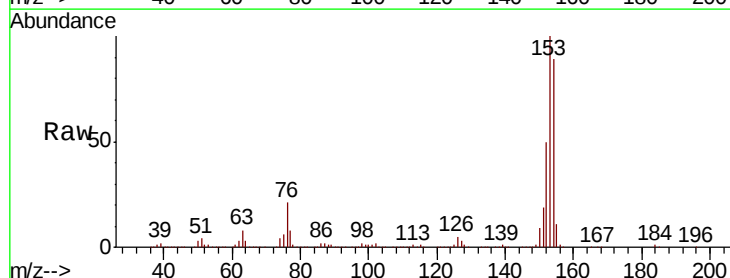
Manual Integrations
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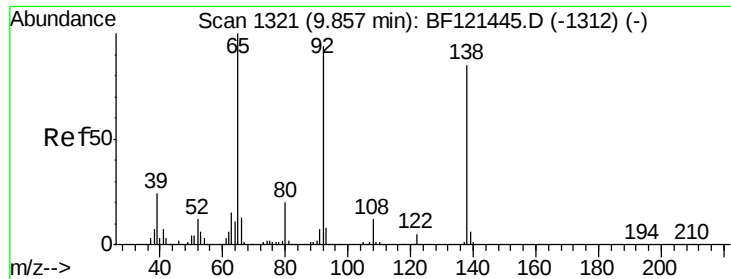
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#52
Acenaphthene
Concen: 46.651 ng m
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1908962		
153	112.1		89.9	134.9
152	55.8		44.6	66.8





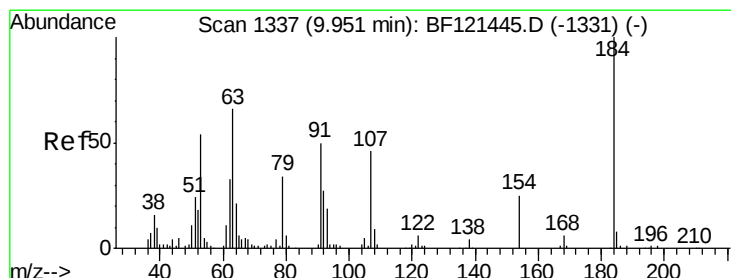
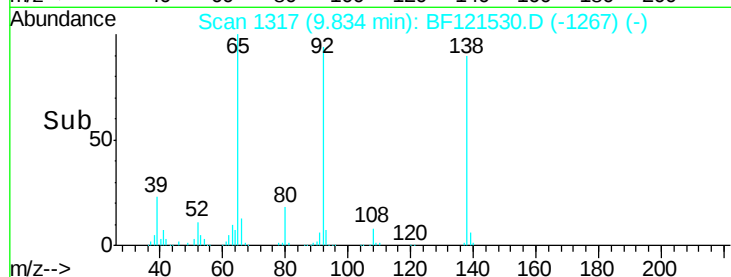
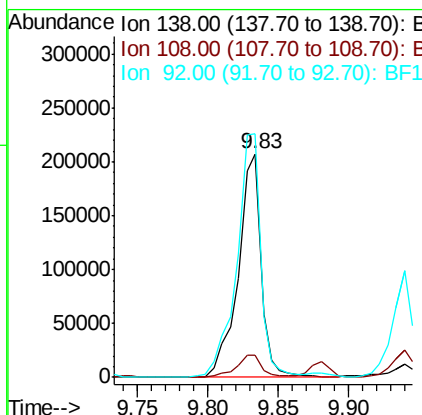
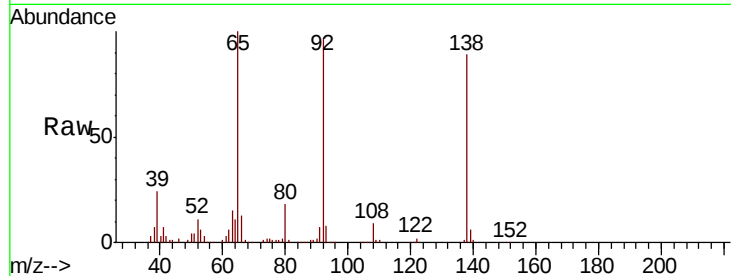
#53
3-Nitroaniline
Concen: 23.848 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.7	13.1
92	109.0	91.1	136.7

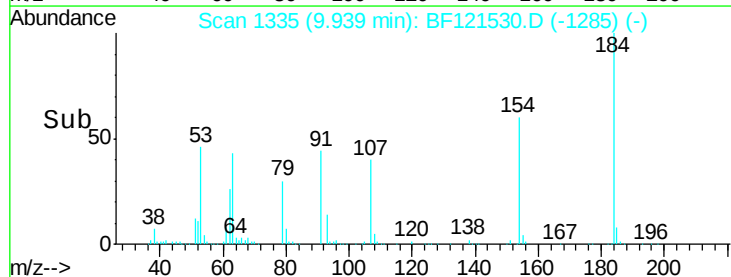
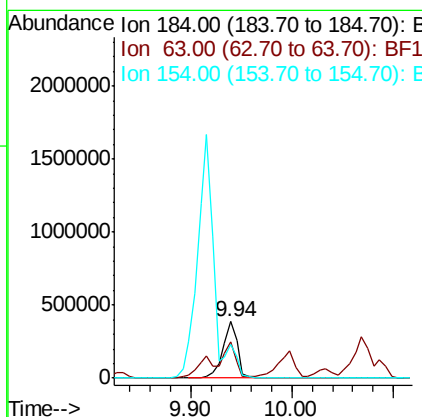
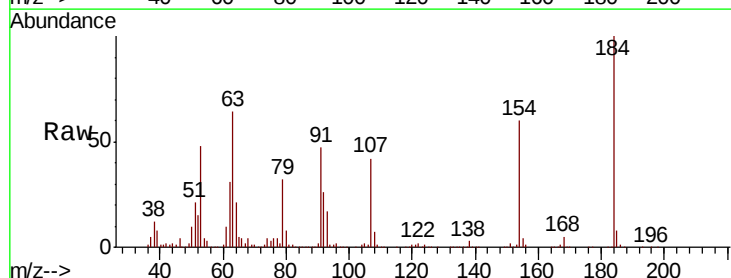
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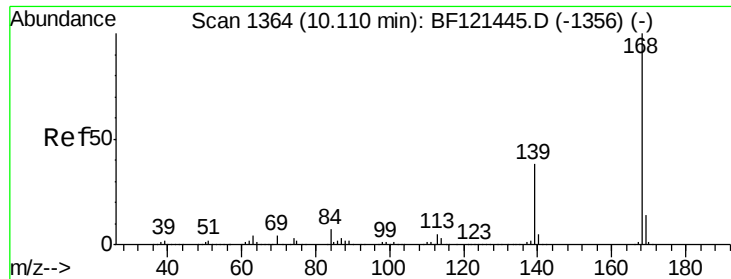
Sohil
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#54
2,4-Dinitrophenol
Concen: 86.792 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.7	41.8	62.8#
154	59.7	45.5	68.3





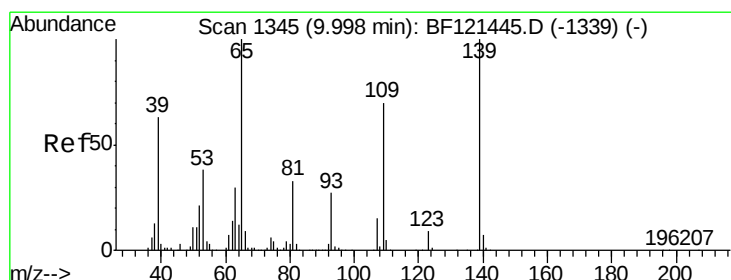
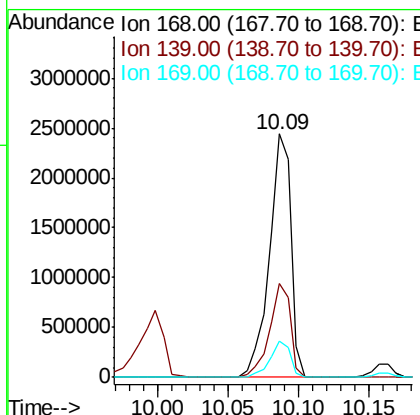
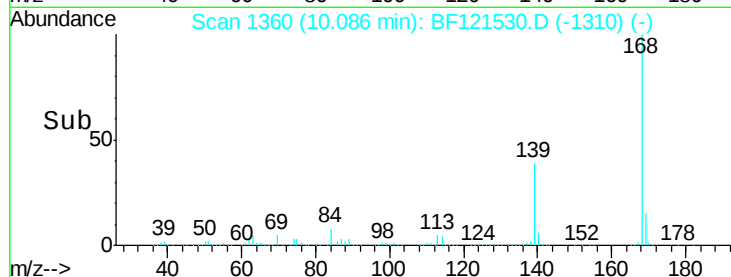
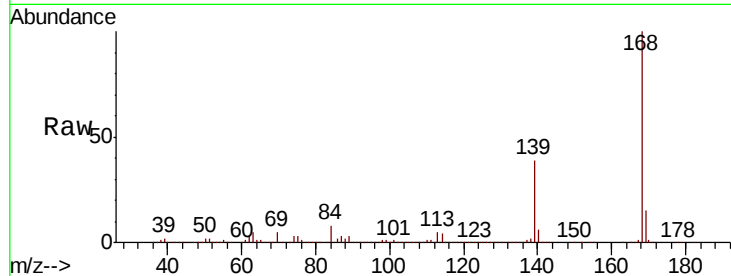
#55
Dibenzofuran
Concen: 44.042 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion:168 Resp: 2617884
Ion Ratio Lower Upper
168 100
139 38.6 30.4 45.6
169 14.7 11.5 17.3

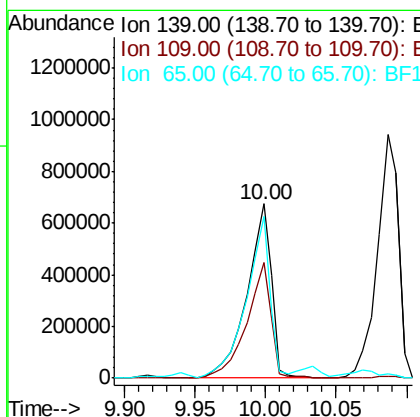
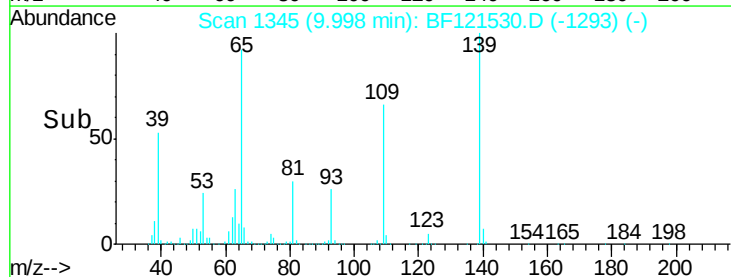
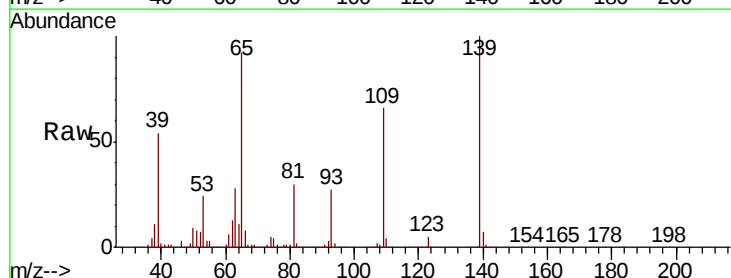
Manual Integrations
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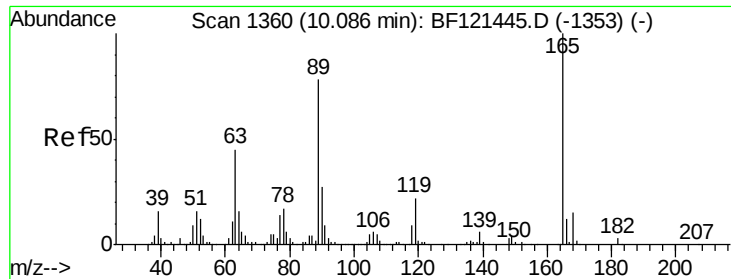
Sohil
9/9/2020 3:49:29 PM



#56
4-Nitrophenol
Concen: 87.872 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion:139 Resp: 819711
Ion Ratio Lower Upper
139 100
109 66.2 44.3 84.3
65 92.5 70.2 110.2





#57

2,4-Dinitrotoluene

Concen: 58.677 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

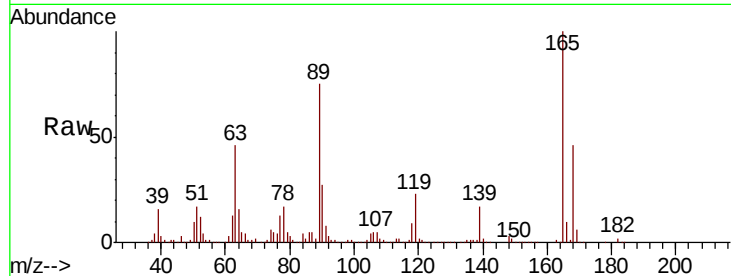
ClientSampleId :

CL-01-090320MS

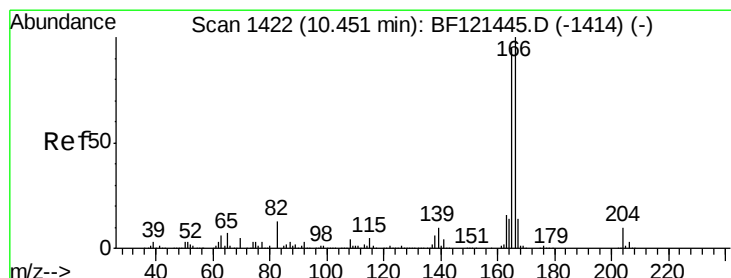
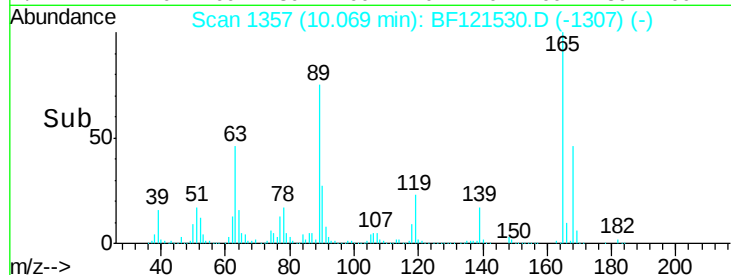
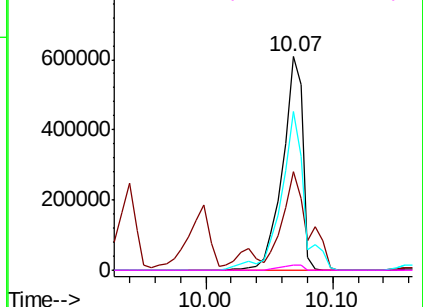
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		668802		
63	46.4	33.6	50.4		
89	74.6	56.4	84.6		
182	2.5	2.2	3.4		

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Abundance Ion 165.00 (164.70 to 165.70): E



#58

Fluorene

Concen: 43.843 ng

RT: 10.43 min Scan# 1419

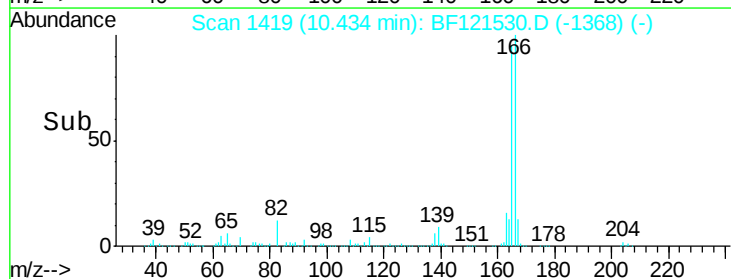
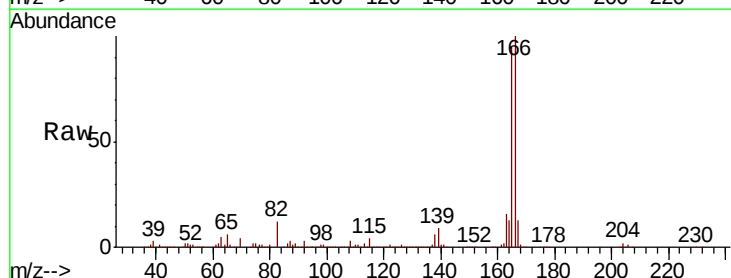
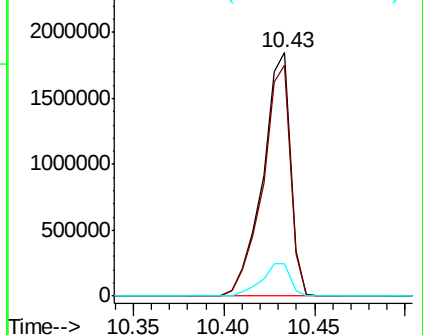
Delta R.T. 0.00 min

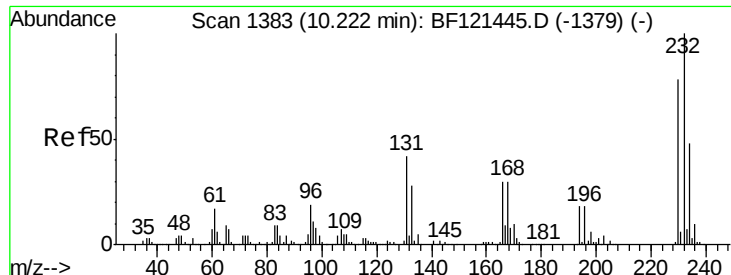
Lab File: BF121530.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1964587		
165	94.7	75.3	112.9		
167	13.5	11.1	16.7		

Abundance Ion 166.00 (165.70 to 166.70): E





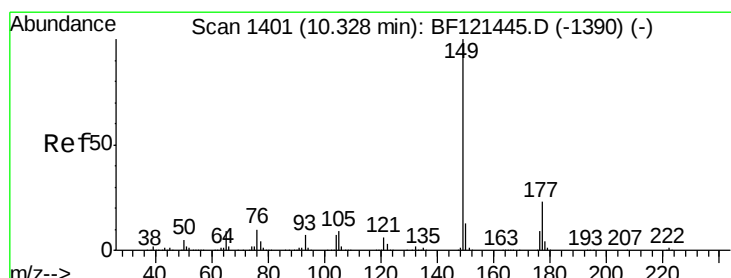
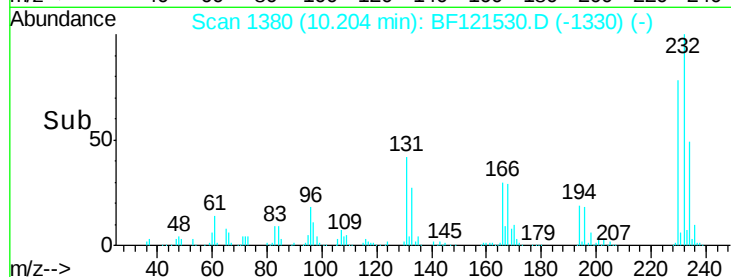
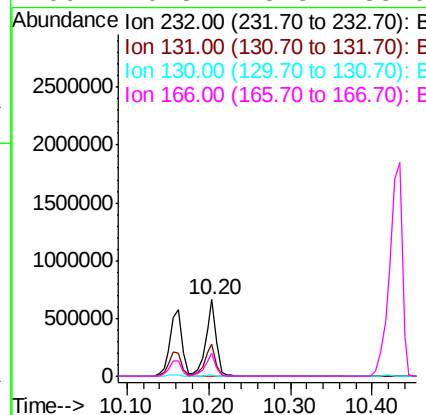
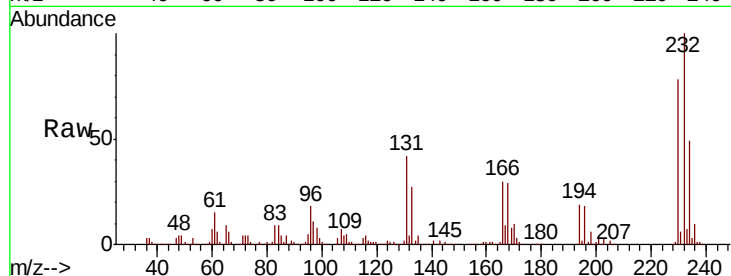
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.198 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.7	34.4	51.6
130	2.1	1.8	2.6
166	29.8	23.8	35.6

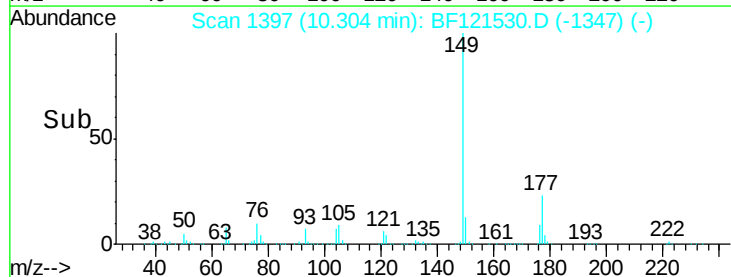
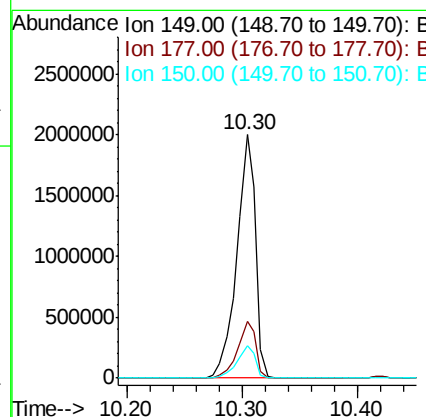
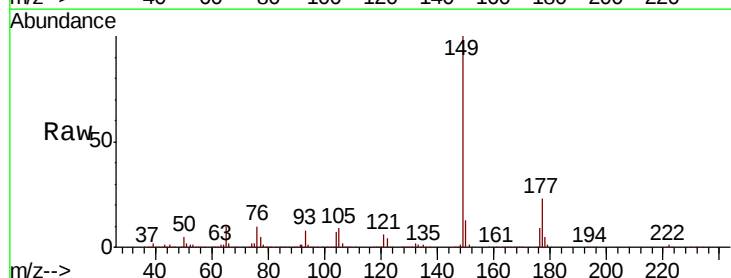
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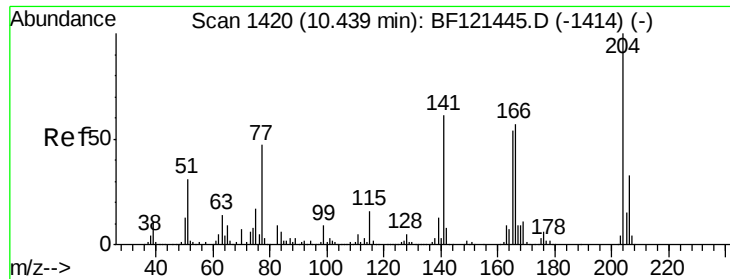
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#60
 Diethylphthalate
 Concen: 46.186 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.0	28.4
150	13.3	10.3	15.5





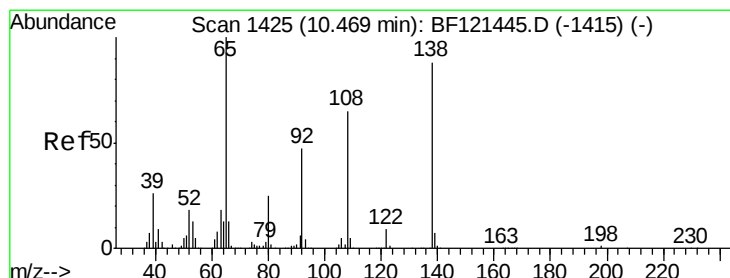
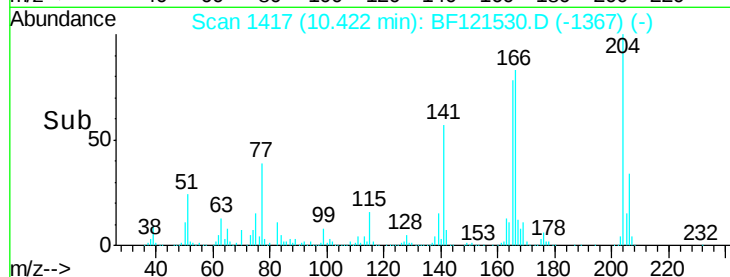
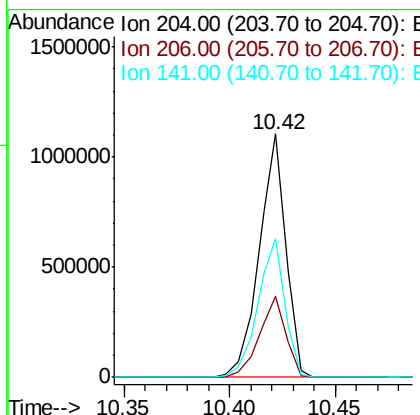
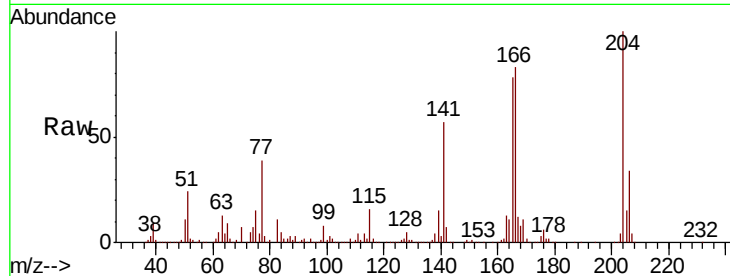
#61
 4-Chlorophenyl-phenylether
 Concen: 43.031 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Instrument :
 BNA_F
 ClientSampled :
 CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	40.0
141	57.1	44.4	66.6

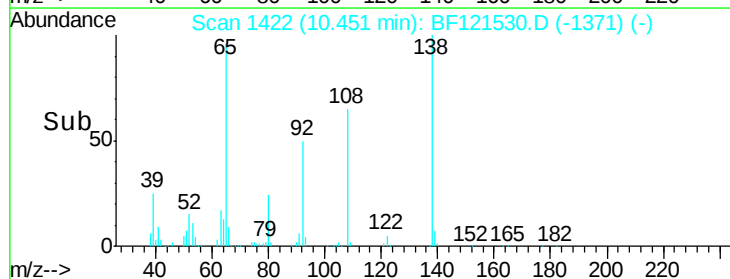
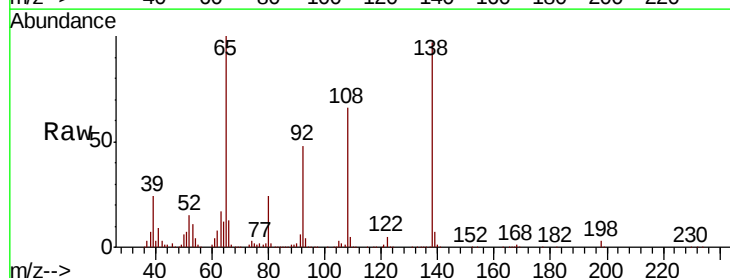
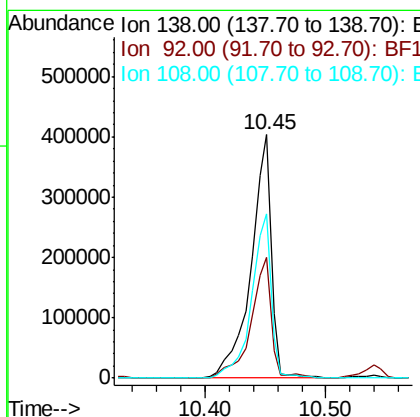
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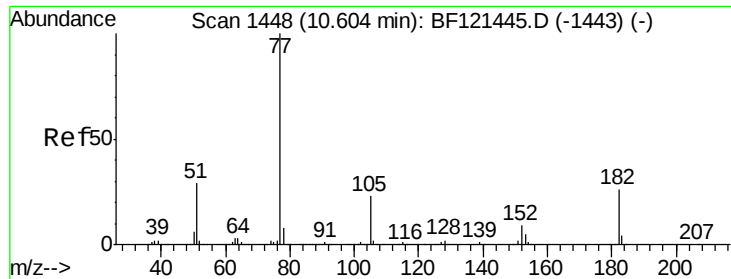
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#62
 4-Nitroaniline
 Concen: 41.329 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	32.2	72.2
108	67.7	49.1	89.1





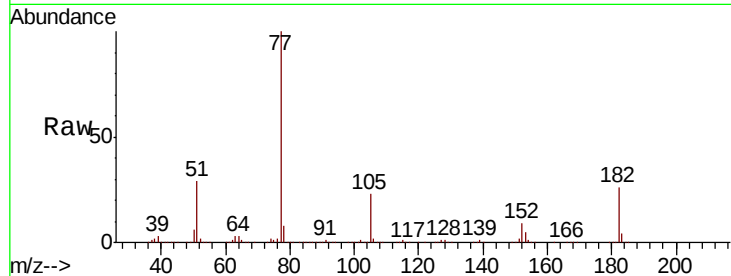
#63
Azobenzene
Concen: 43.978 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

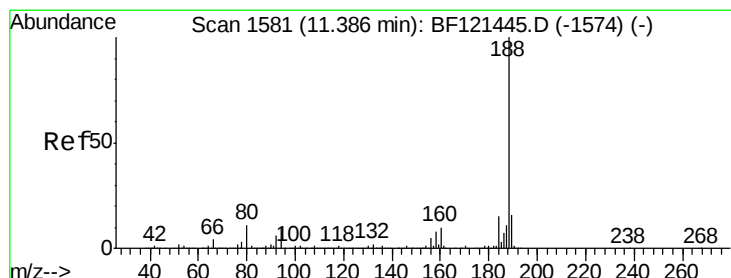
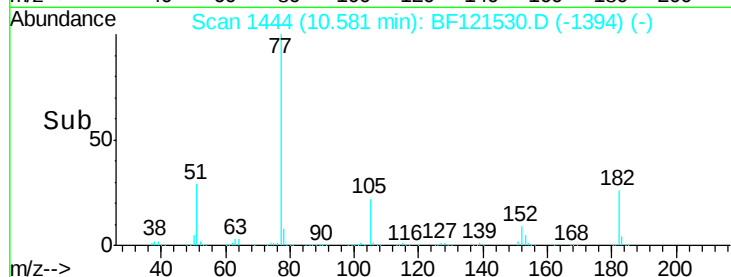
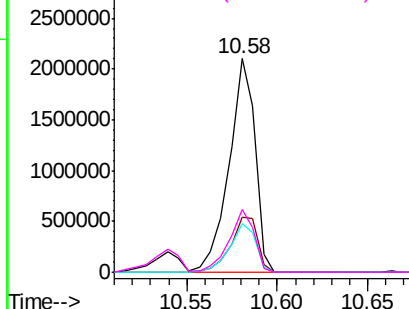
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.6	6.8	46.8	
105	22.9	3.0	43.0	
51	29.3	8.3	48.3	

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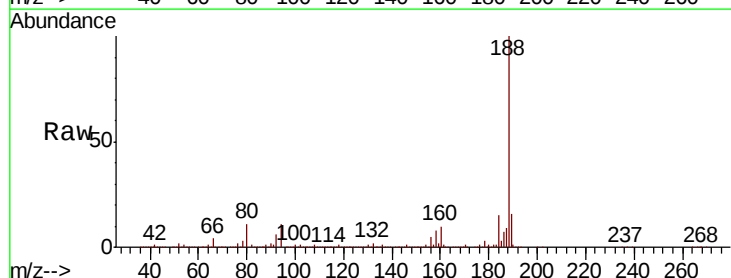


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

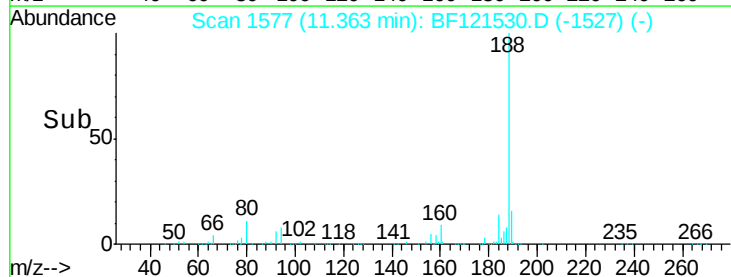
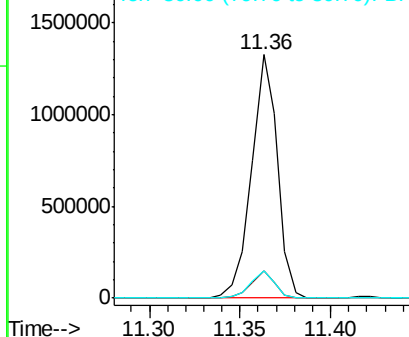


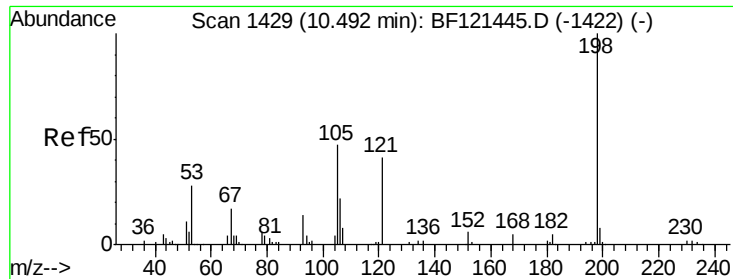
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.0	8.8	13.2	
80	11.3	9.1	13.7	



Abundance Ion 188.00 (187.70 to 188.70): BF1
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: 64.117 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

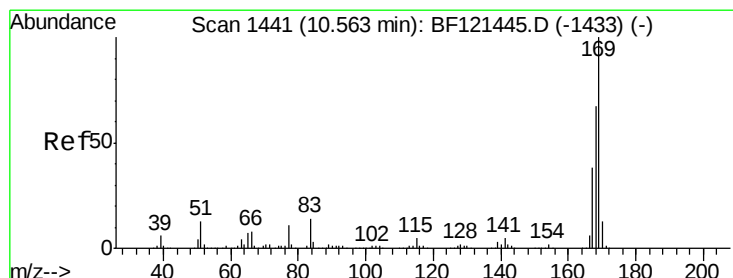
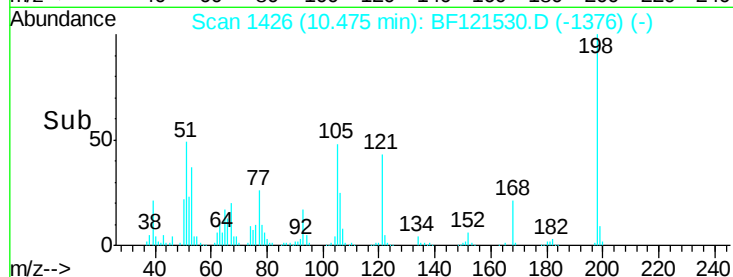
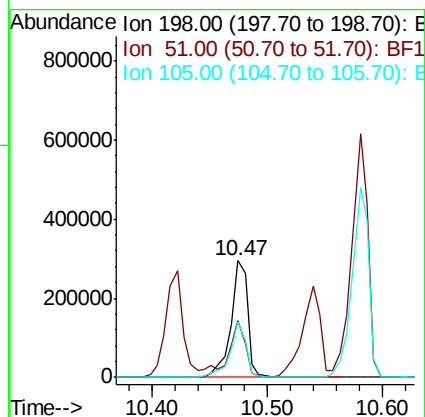
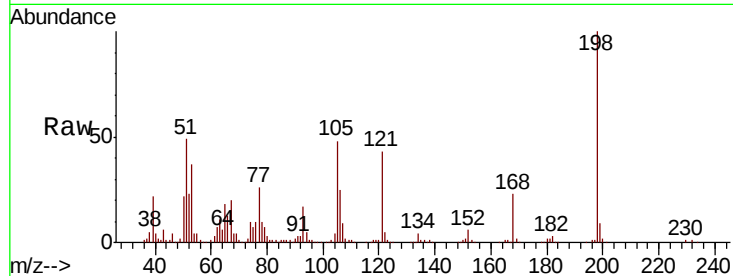
ClientSampleId :

CL-01-090320MS

Tot Ion:	198	Resp:	296685
Ion Ratio	Lower	Upper	
198	100		
51	49.1	24.9	64.9
105	48.1	25.8	65.8

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#66

n-Nitrosodiphenylamine

Concen: 45.681 ng

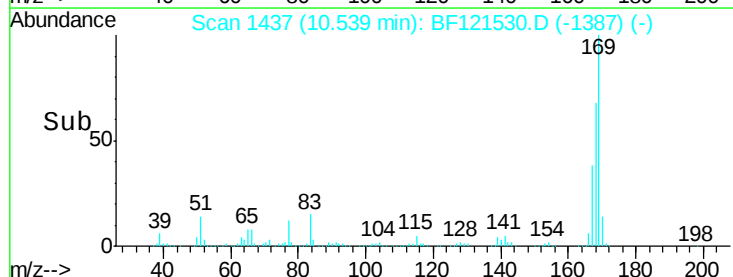
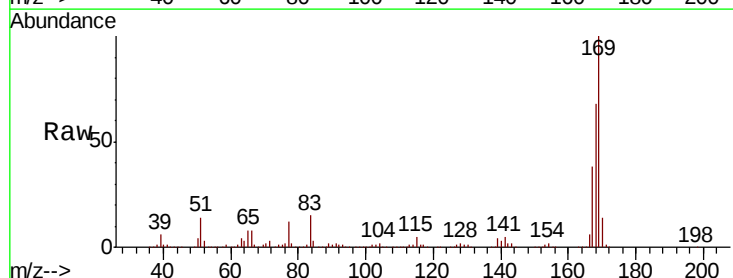
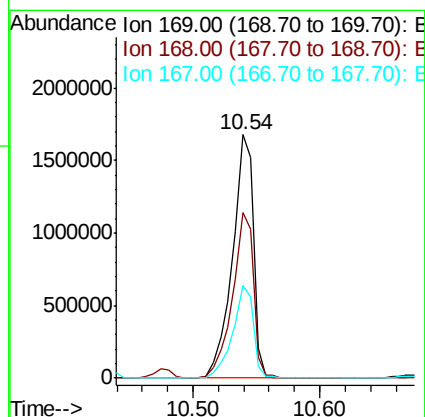
RT: 10.54 min Scan# 1437

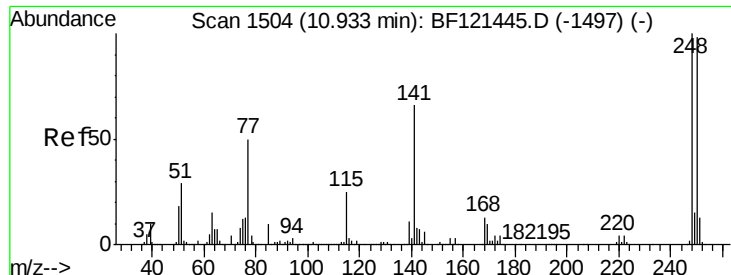
Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Tgt Ion:	169	Resp:	1893092
Ion Ratio	Lower	Upper	
169	100		
168	68.1	53.8	80.8
167	38.1	29.8	44.8





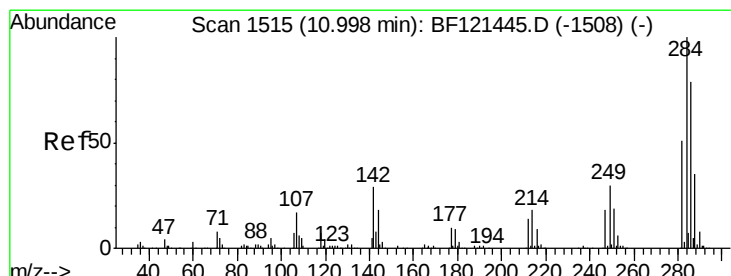
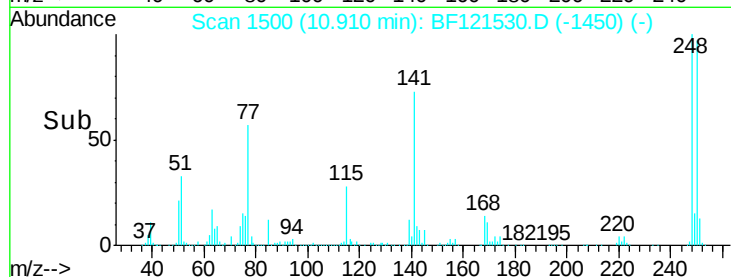
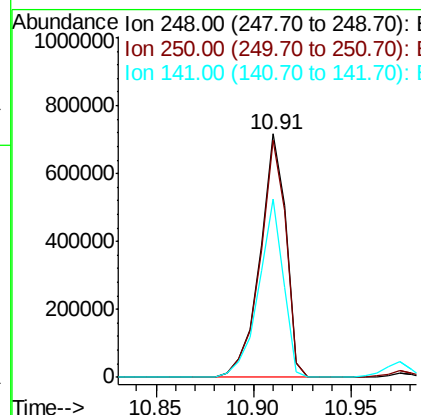
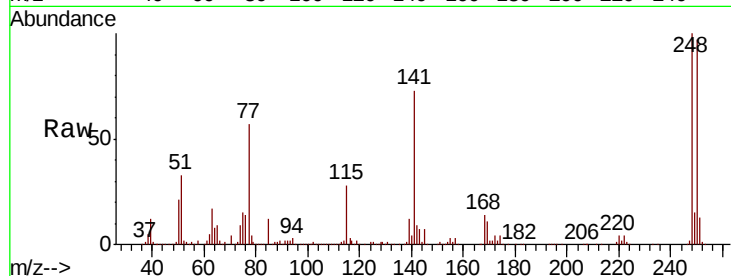
#67
 4-Bromophenyl-phenylether
 Concen: 45.603 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Tot Ion:	248	Resp:	657352
Ion Ratio	Lower	Upper	
248	100		
250	97.4	77.8	116.6
141	73.1	56.4	84.6

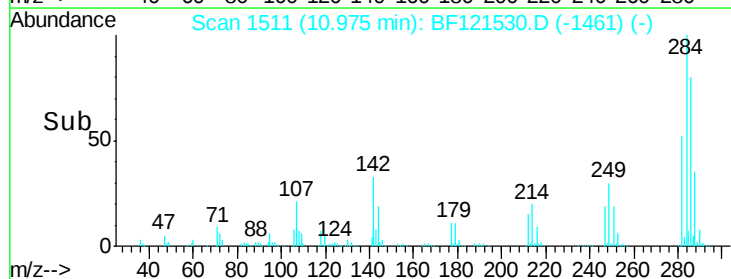
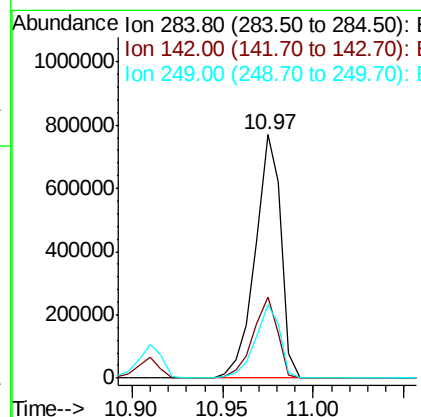
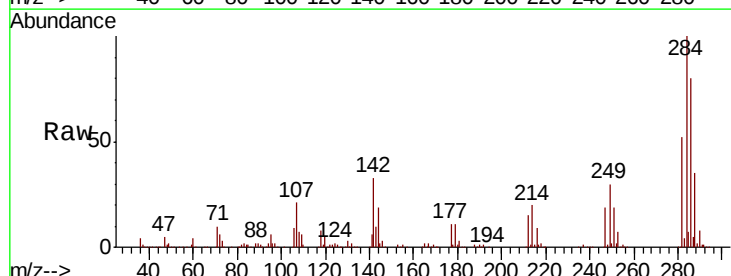
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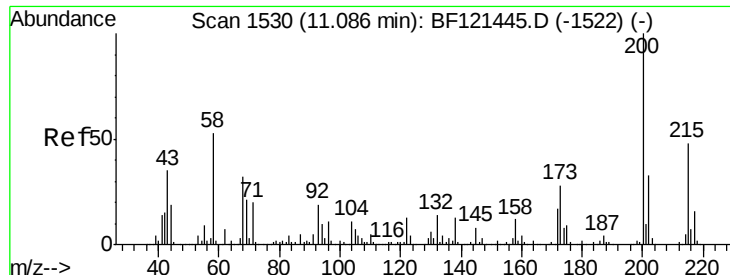
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#68
 Hexachlorobenzene
 Concen: 44.858 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:	284	Resp:	756116
Ion Ratio	Lower	Upper	
284	100		
142	33.3	26.1	39.1
249	30.3	24.2	36.4





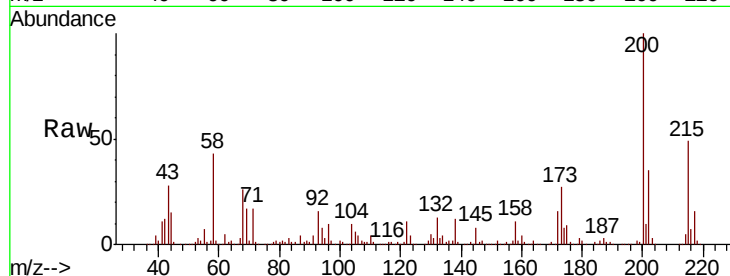
#69
Atrazine
Concen: 40.319 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

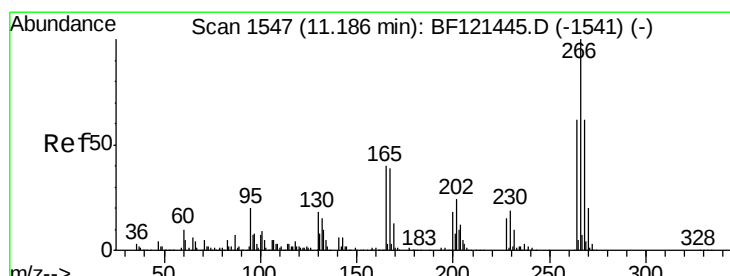
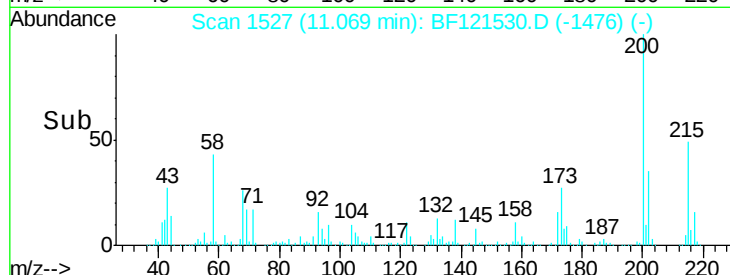
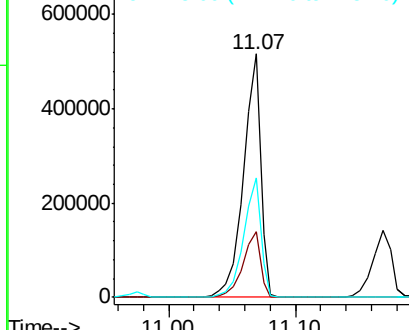
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.0	8.0	48.0
215	49.0	28.1	68.1

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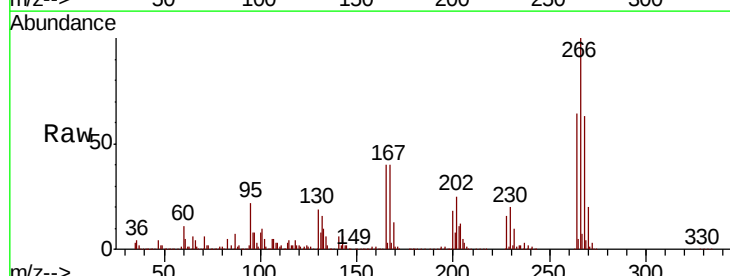


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

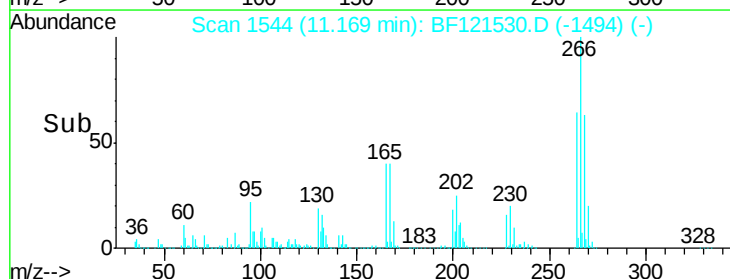
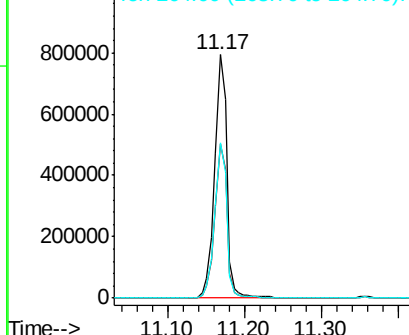


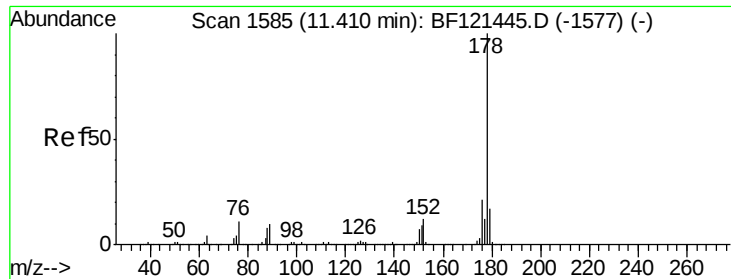
#70
Pentachlorophenol
Concen: 111.630 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.6	50.1	75.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





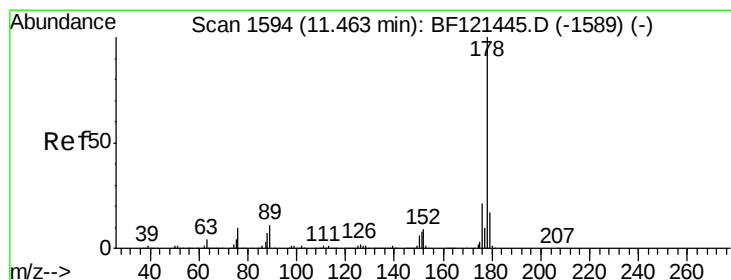
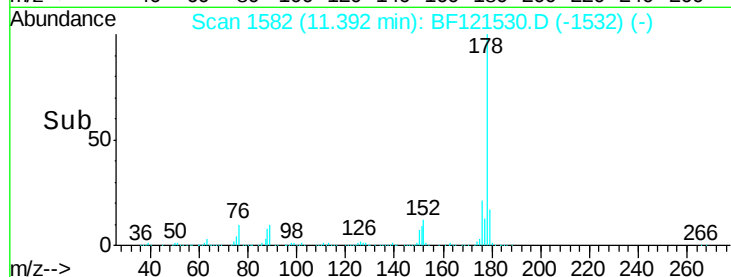
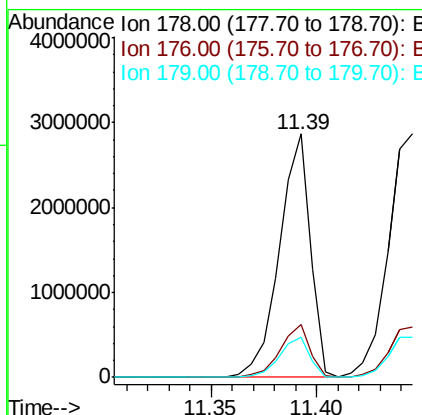
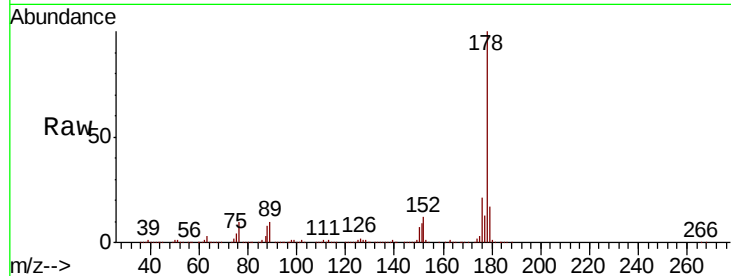
#71
Phenanthrene
Concen: 43.693 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.0	25.4
179	16.7	13.2	19.8

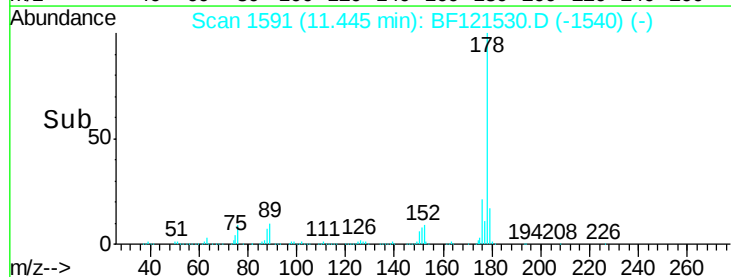
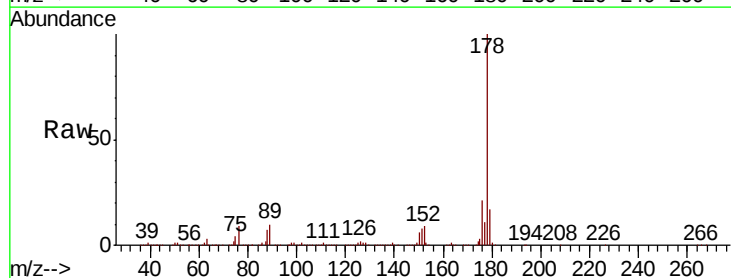
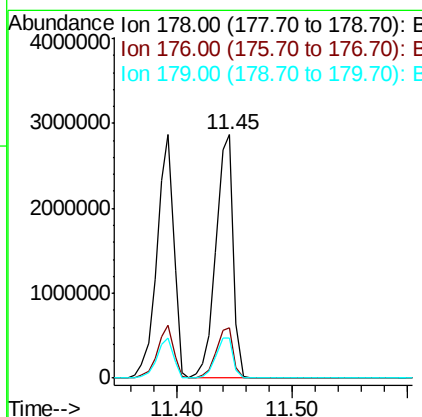
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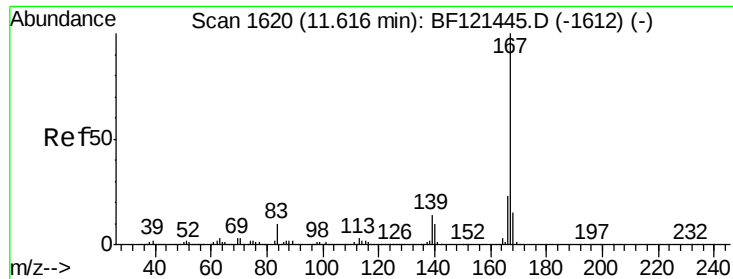
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#72
Anthracene
Concen: 45.045 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.2
179	16.7	13.4	20.0





#73
 Carbazole
 Concen: 44.728 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

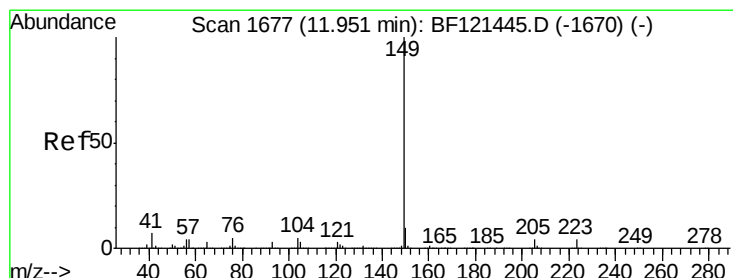
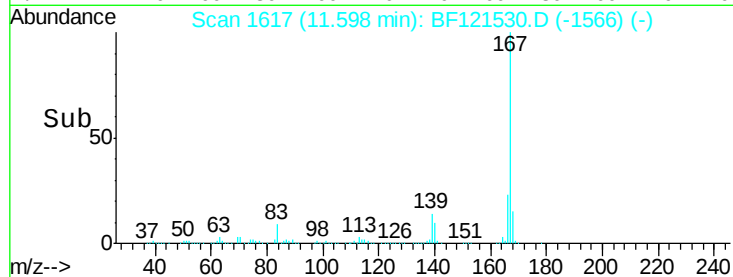
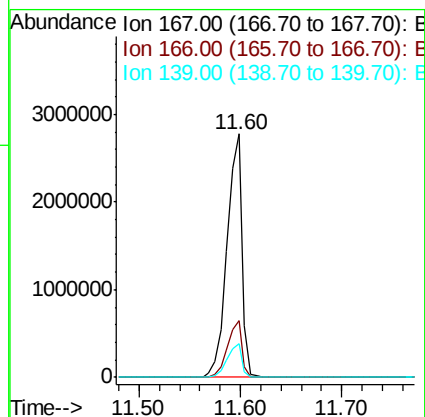
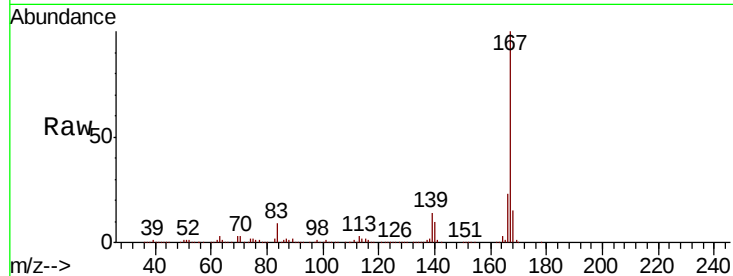
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Tot Ion:167 Resp: 2852500

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	13.7	11.0	16.4

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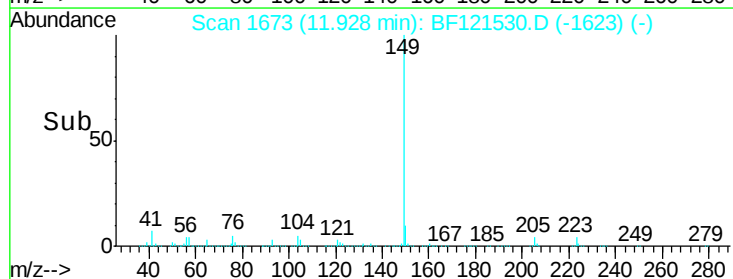
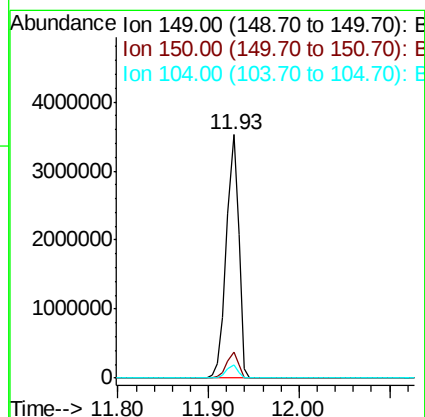
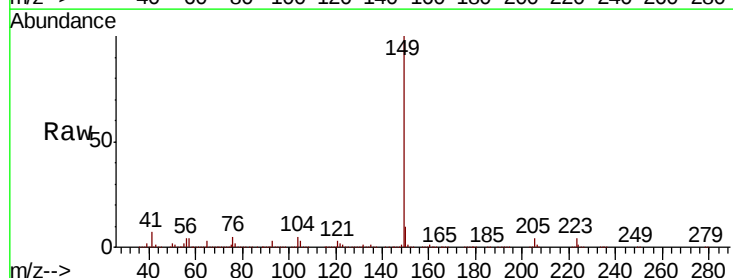
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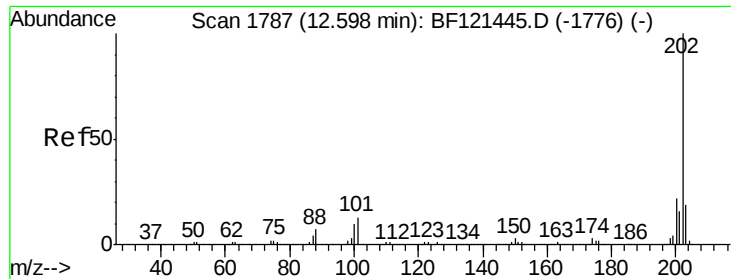


#74
 Di-n-butylphthalate
 Concen: 46.360 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:149 Resp: 3284502

Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.0	12.0
104	5.3	4.0	6.0





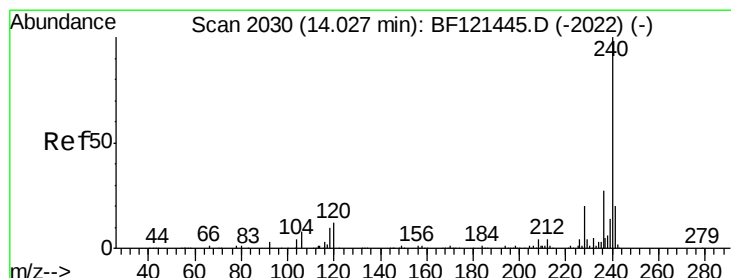
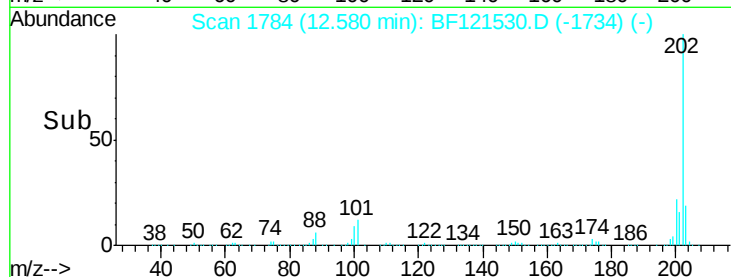
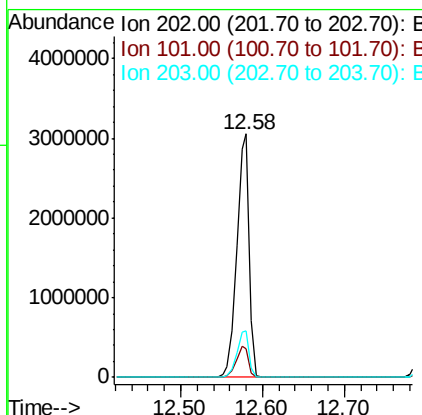
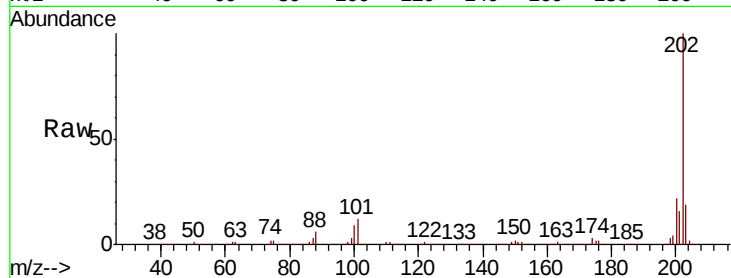
#75
 Fluoranthene
 Concen: 44.578 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.6
203	19.2	0.0	38.5

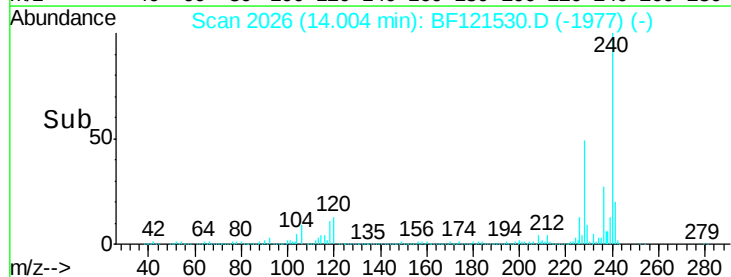
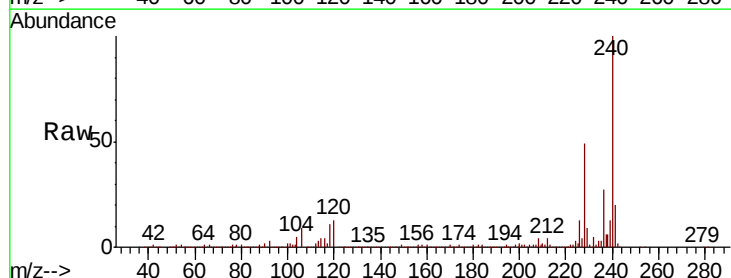
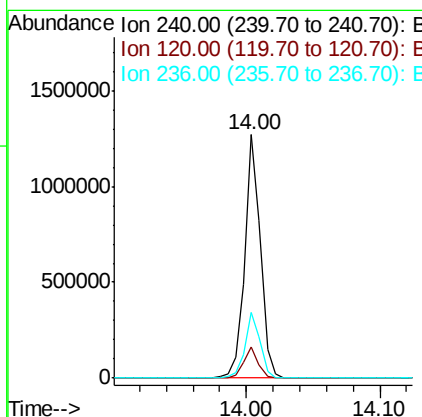
Manual Integrations
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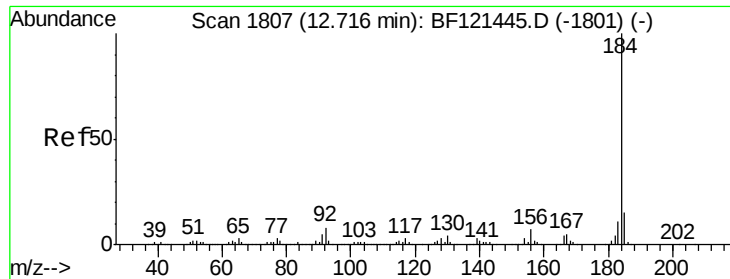
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.0	12.0#
236	26.9	21.4	32.2





#77

Benzidine

Concen: 19.140 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

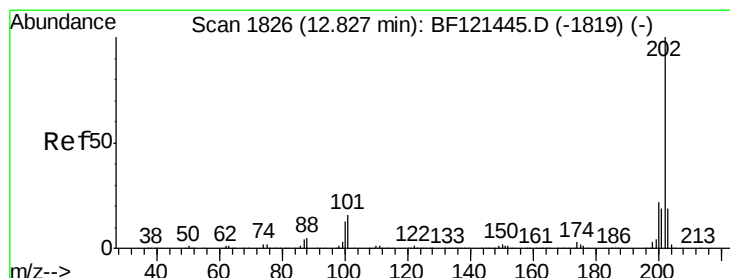
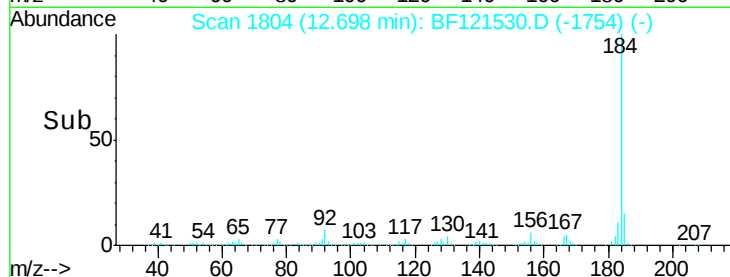
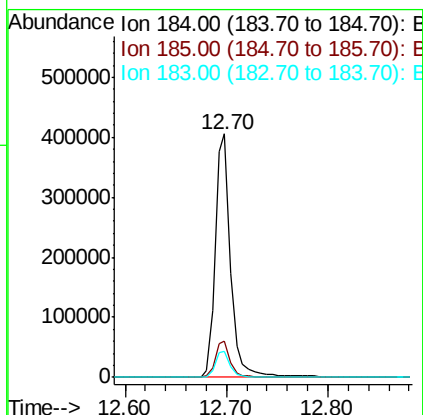
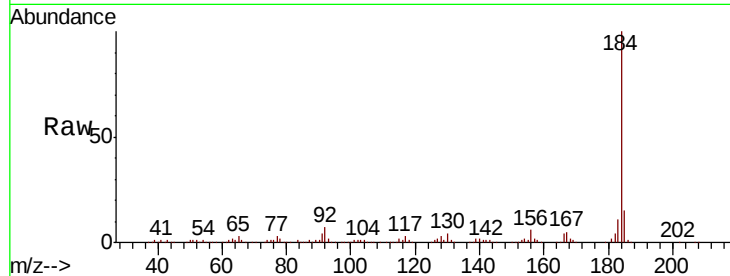
ClientSampleId :

CL-01-090320MS

Tot Ion:	184	Resp:	427707
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.5	17.3
183	10.5	9.0	13.6

Manual Integrations
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#78

Pyrene

Concen: 44.880 ng

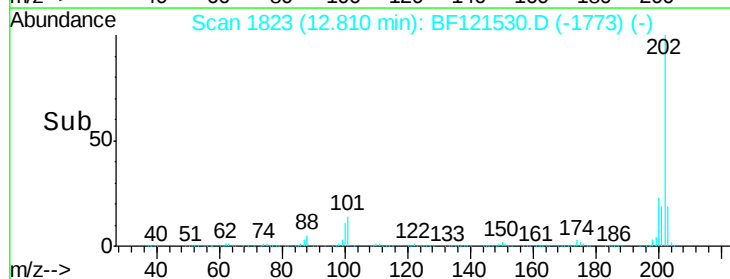
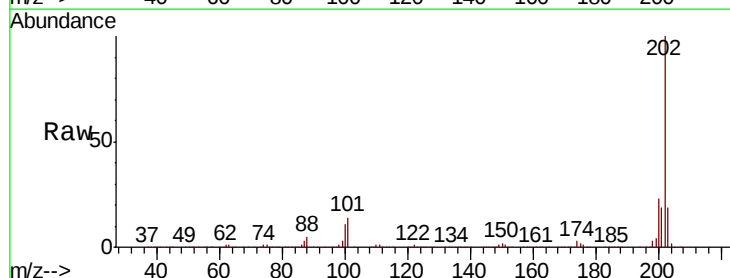
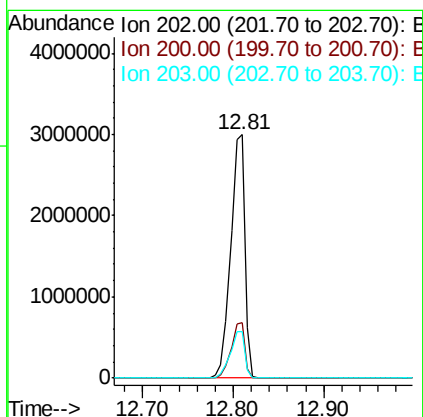
RT: 12.81 min Scan# 1823

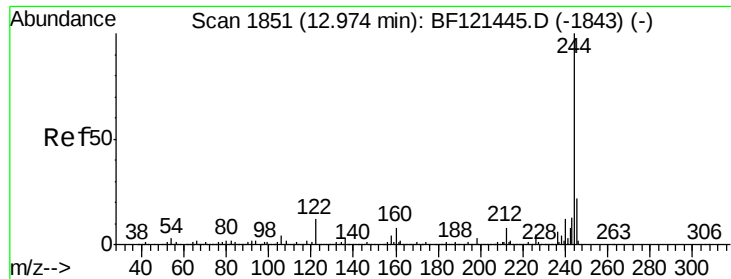
Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Tgt Ion:	202	Resp:	3284053
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.7	26.5
203	19.1	15.0	22.4





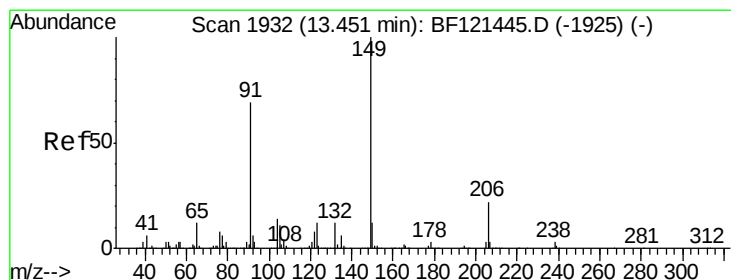
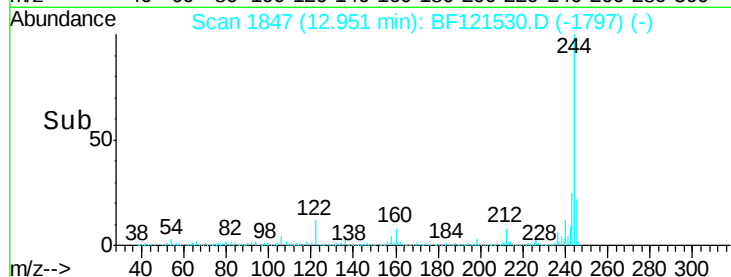
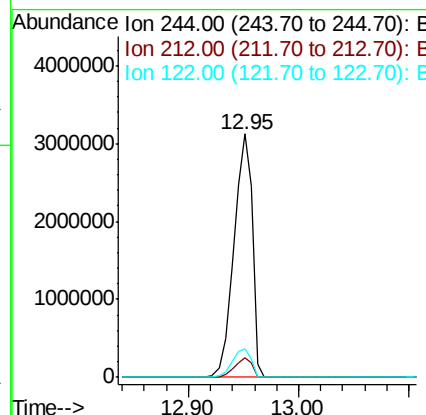
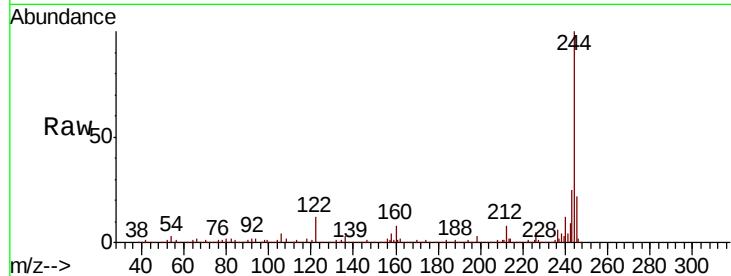
#79
 Terphenyl-d14
 Concen: 74.921 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Tot Ion:244 Resp: 3646827
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 11.7 9.3 13.9

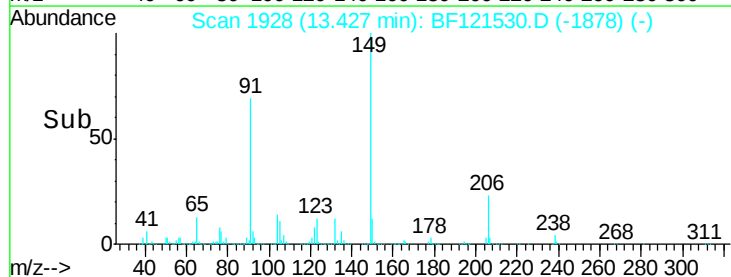
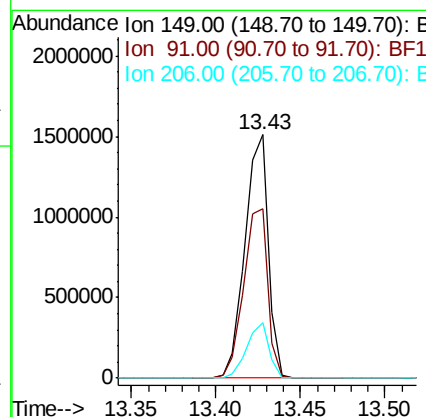
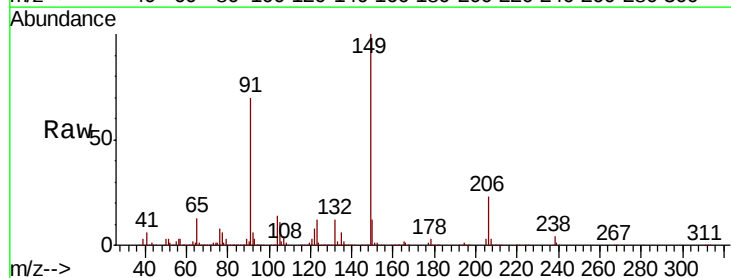
Manual Integrations
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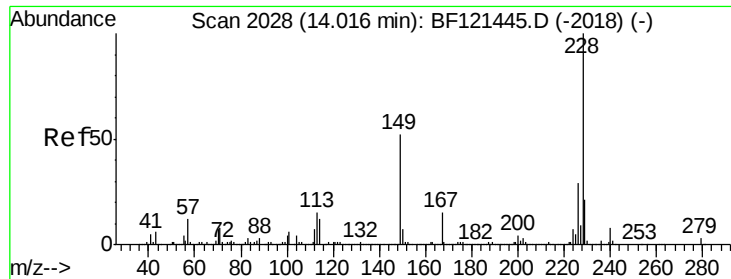
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#80
 Butylbenzylphthalate
 Concen: 51.771 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:149 Resp: 1459478
 Ion Ratio Lower Upper
 149 100
 91 69.5 54.9 82.3
 206 22.8 18.0 27.0





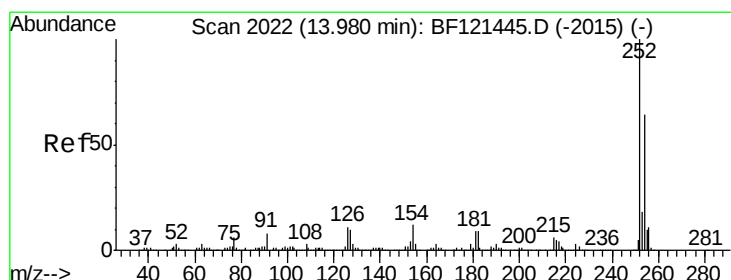
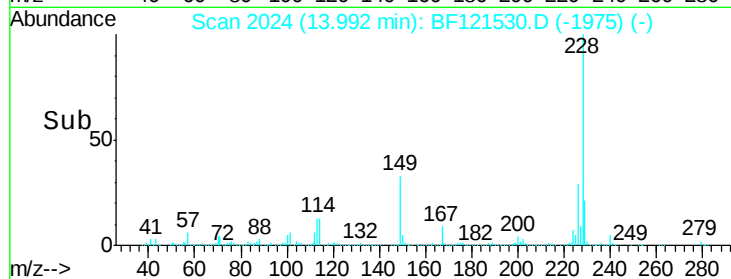
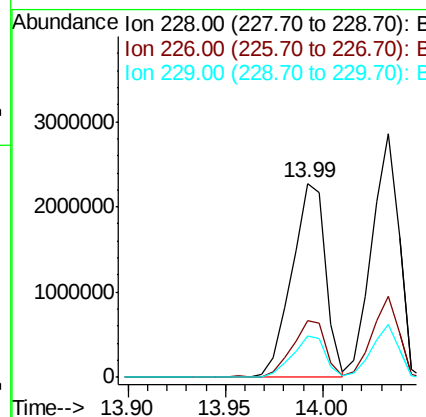
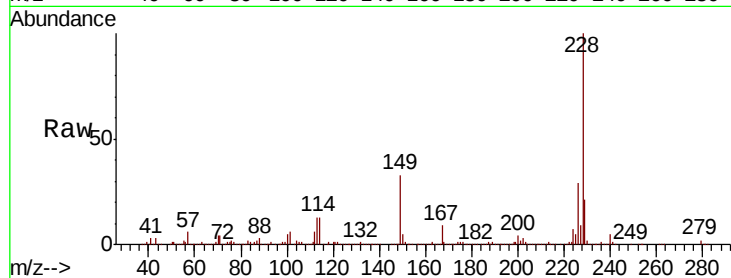
#81
Benzo(a)anthracene
Concen: 43.462 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	21.1	16.4	24.6

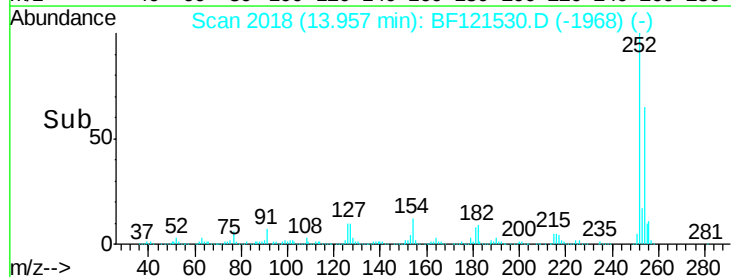
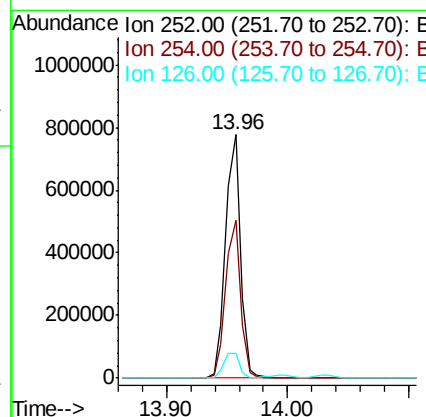
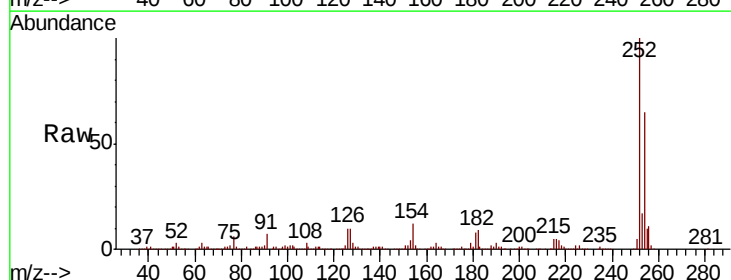
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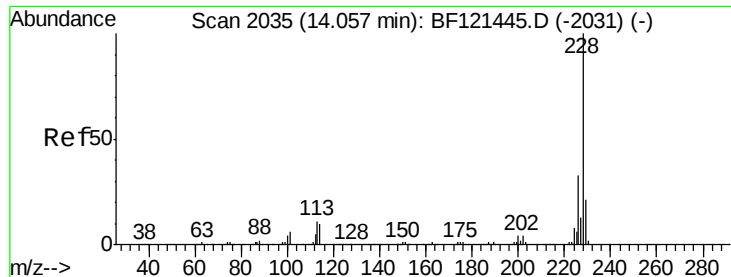
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#82
3,3'-Dichlorobenzidine
Concen: 29.051 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	10.1	9.3	13.9





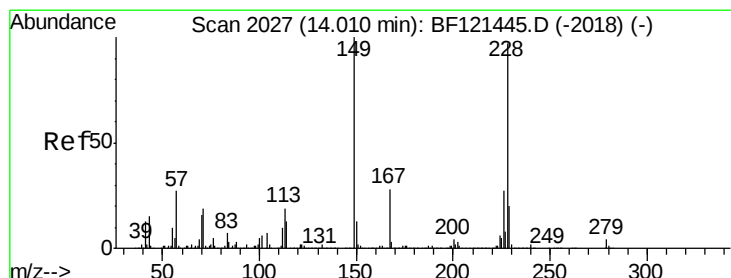
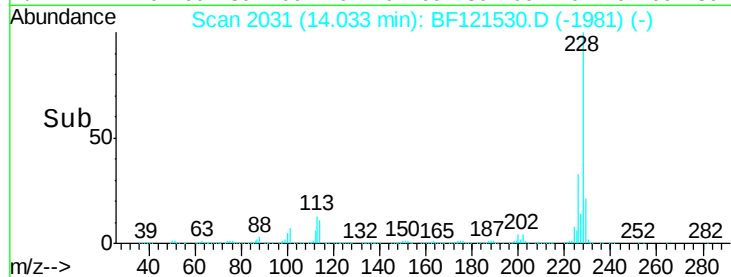
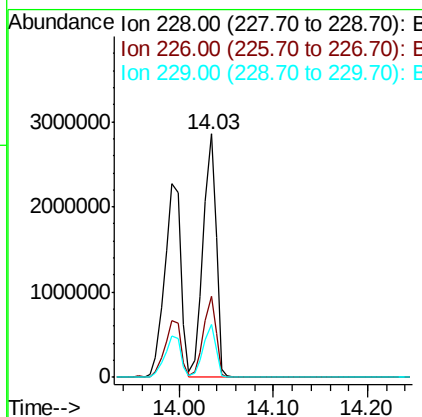
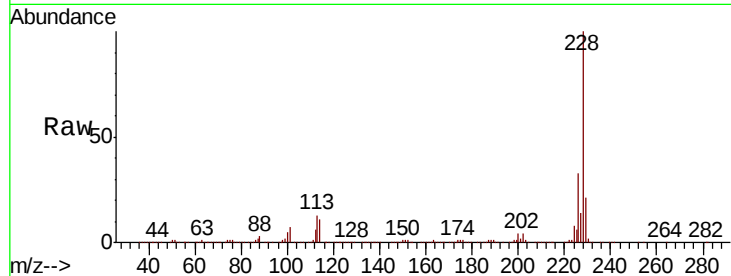
#83
 Chrvsene
 Concen: 44.420 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Tot Ion:228 Resp: 2779630
 Ion Ratio Lower Upper
 228 100
 226 33.3 26.5 39.7
 229 21.5 17.1 25.7

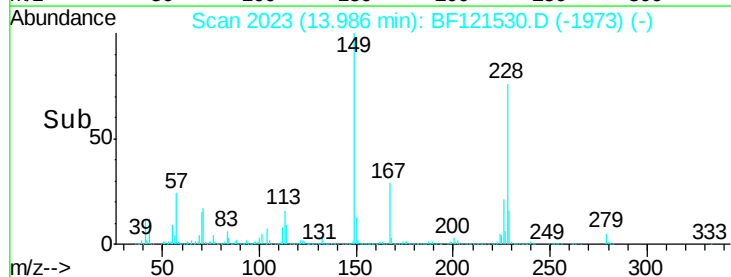
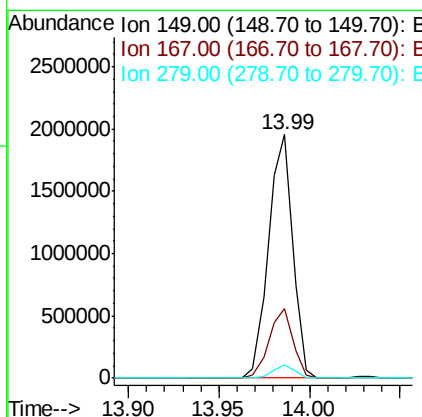
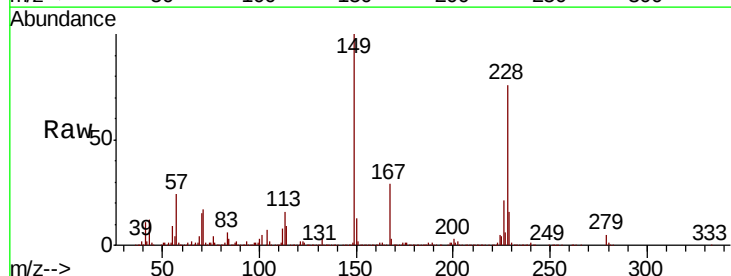
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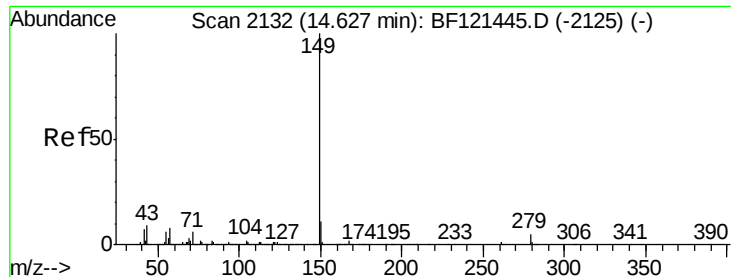
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.901 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion:149 Resp: 1816895
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.9 34.3
 279 5.4 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 53.137 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

Tot Ion:149 Resp: 3278748

Ion Ratio Lower Upper

149 100

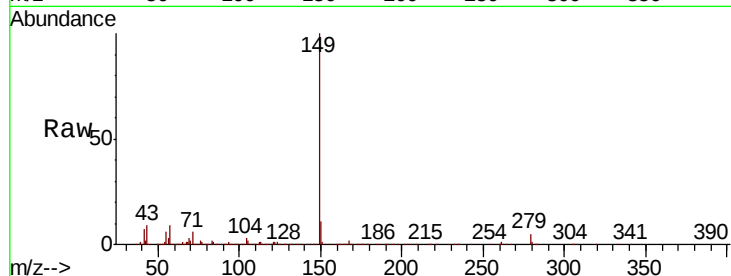
167 1.8 1.4 2.0

43 9.6 7.8 11.6

Manual Integrations
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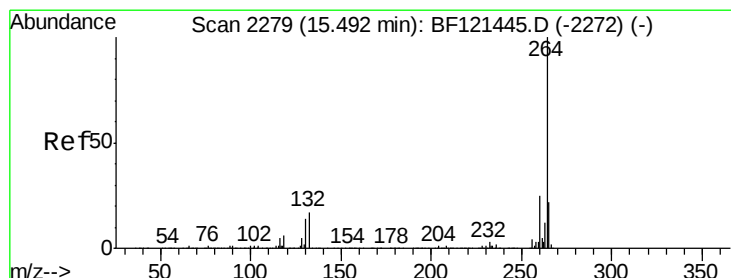
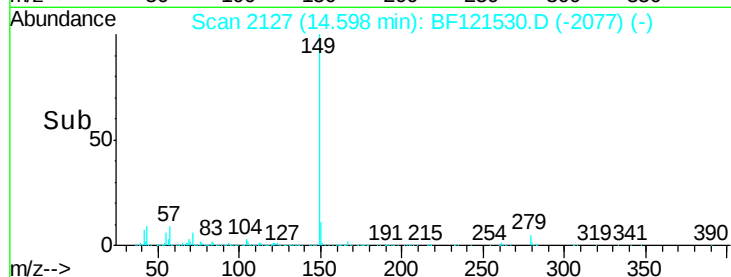
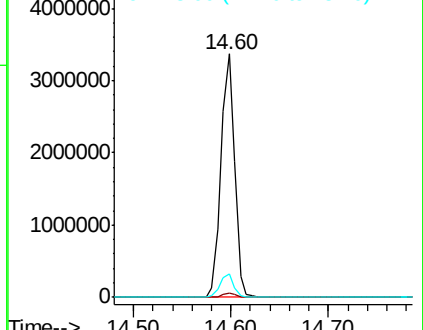
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Abundance Ion 149.00 (148.70 to 149.70): E

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: BF121530.D

Acq: 8 Sep 2020 19:29

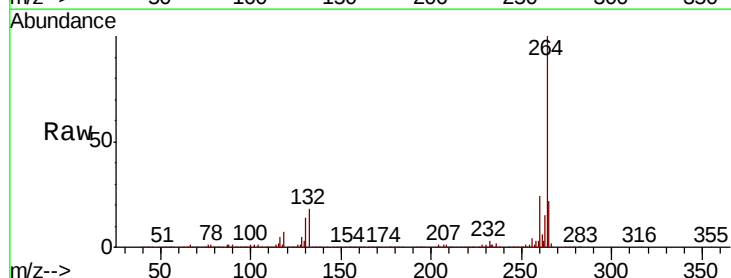
Tgt Ion:264 Resp: 980363

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

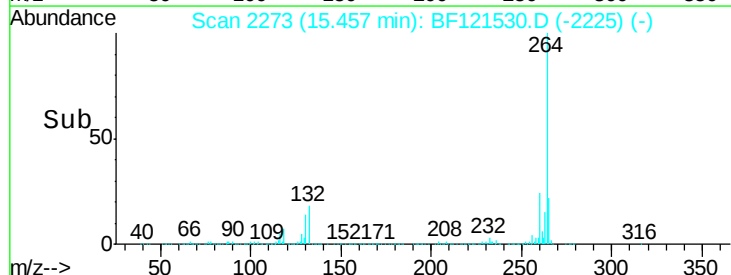
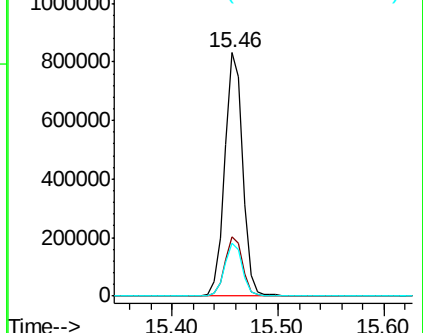
265 21.7 17.4 26.2

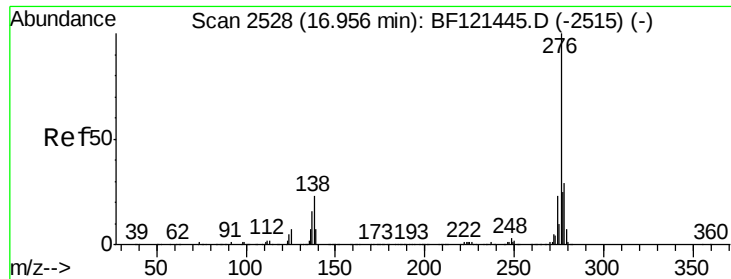


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





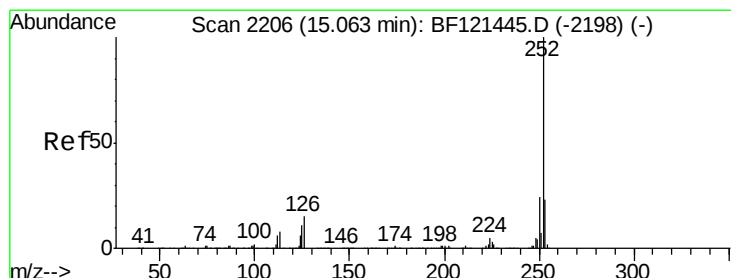
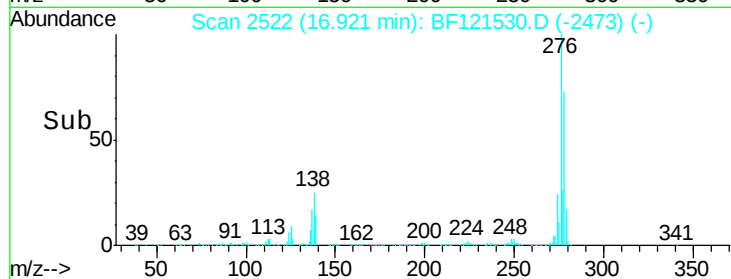
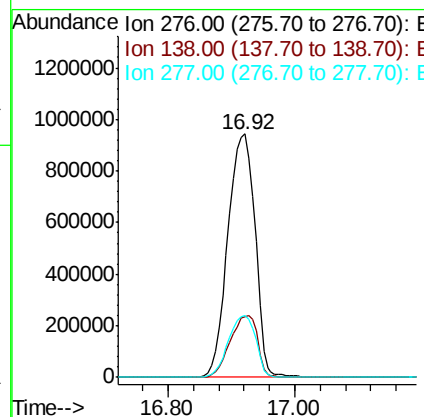
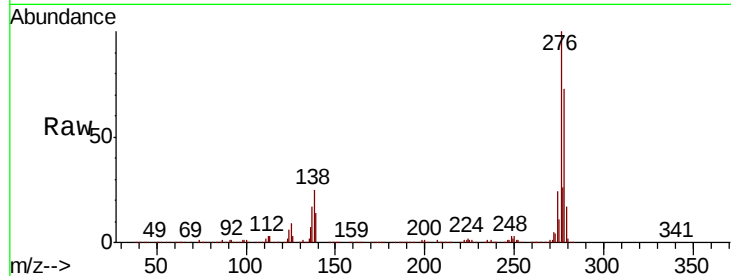
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.327 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.7	31.1
277	25.6	20.4	30.6

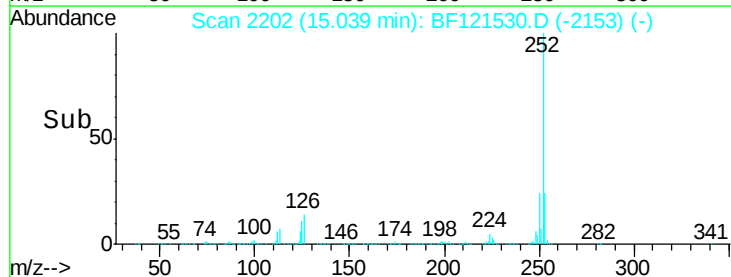
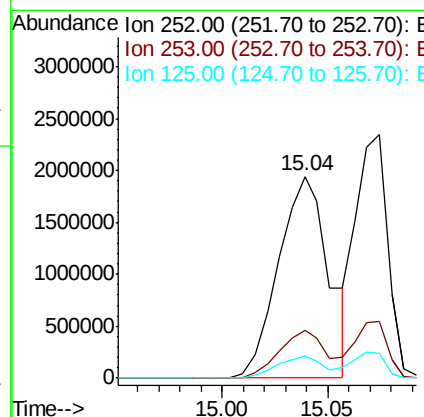
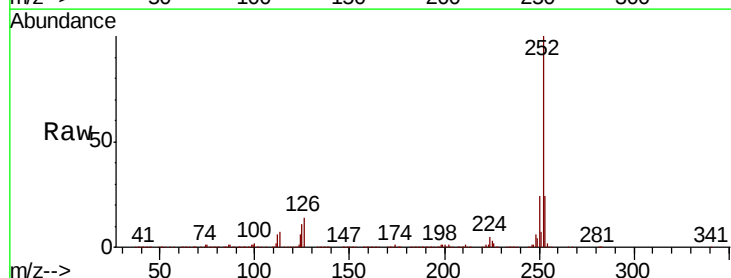
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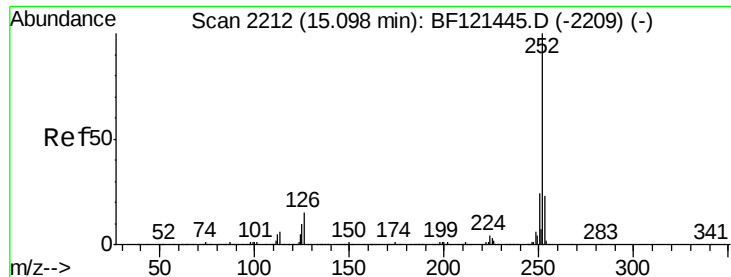
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#88
 Benzo(b)fluoranthene
 Concen: 50.328 ng
 RT: 15.04 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BF121530.D
 Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	10.8	8.2	12.2





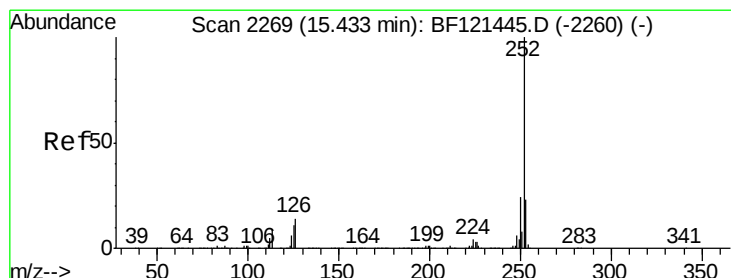
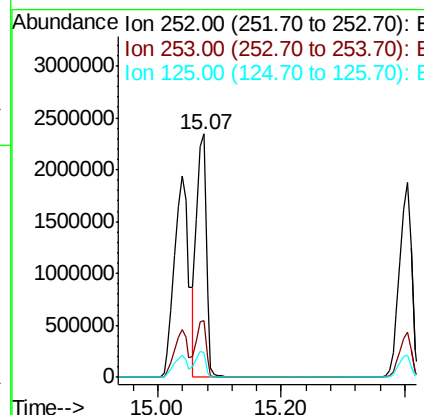
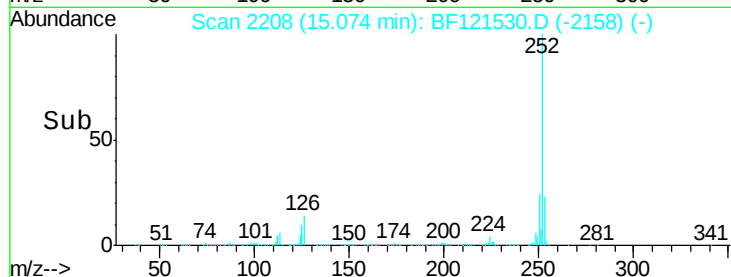
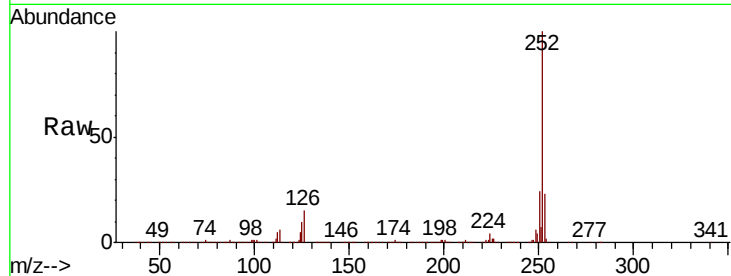
#89
Benzo(k)fluoranthene
Concen: 42.323 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	10.0	8.6	13.0

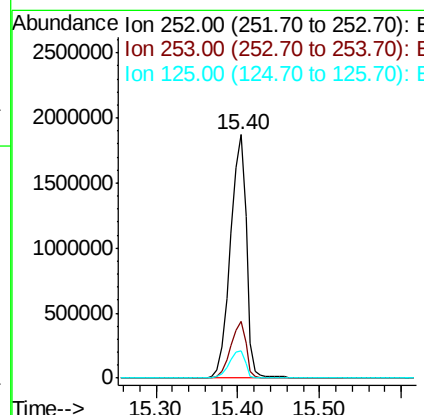
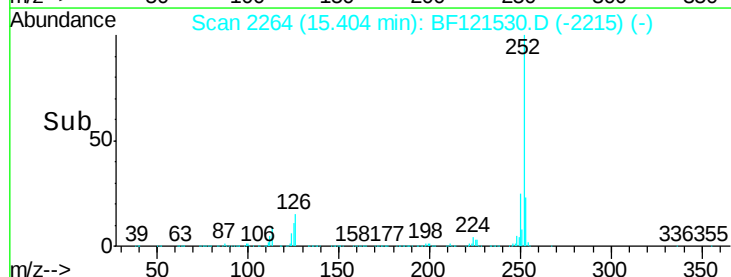
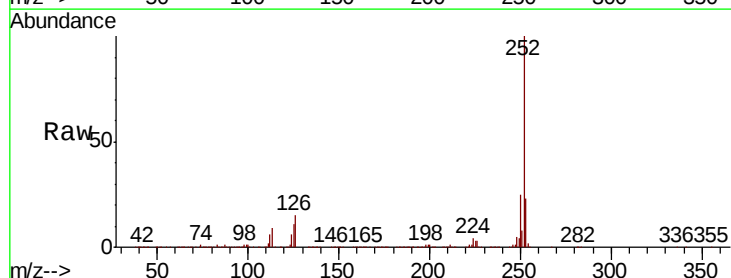
Manual Integrations
APPROVED

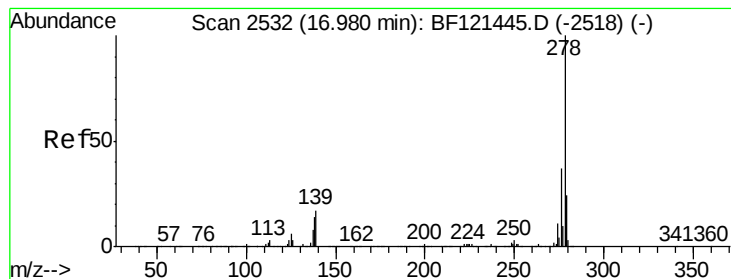
Sohil
9/9/2020 3:49:29 PM



#90
Benzo(a)pyrene
Concen: 44.257 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF121530.D
Acq: 8 Sep 2020 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	11.4	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.246 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MS

Tot Ion:278 Resp: 2283450

Ion Ratio Lower Upper

278 100

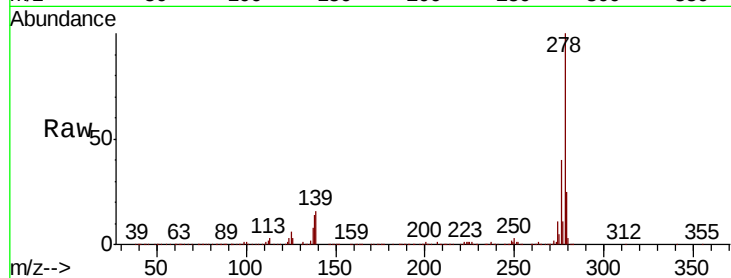
139 16.2 14.0 21.0

279 24.6 19.5 29.3

Manual Integrations
APPROVED

Sohil

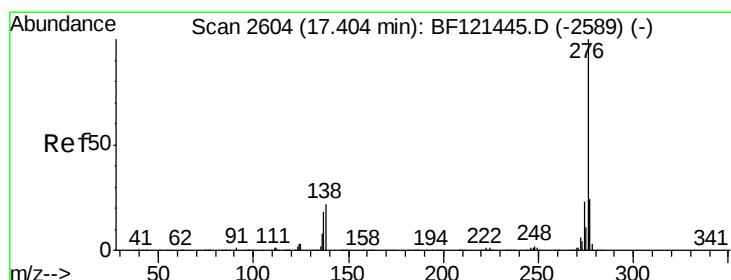
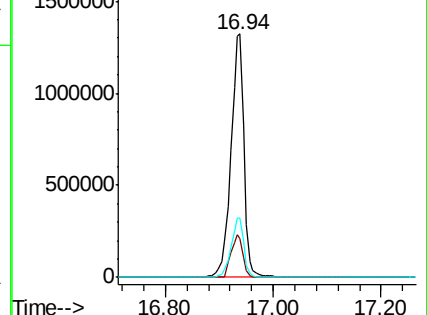
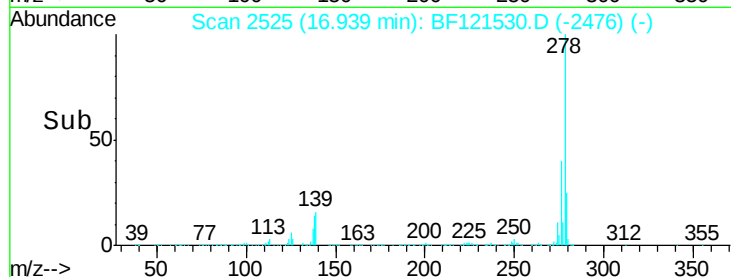
9/9/2020 3:49:29 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.913 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BF121530.D

Acq: 8 Sep 2020 19:29

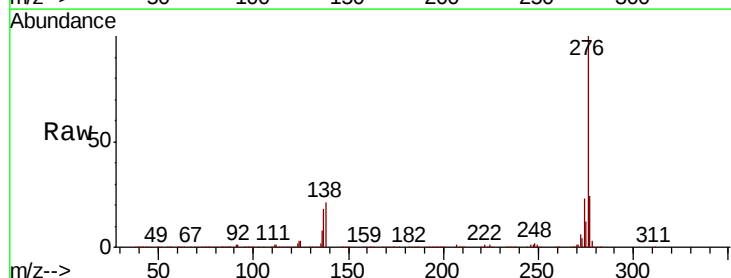
Tgt Ion:276 Resp: 2326510

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 21.4 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

