

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121531.D
 Acq On : 8 Sep 2020 20:00
 Operator : JU/CG
 Sample : L3864-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Manual Integrations
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Sohil
 9/9/2020 3:49:33 PM

Quant Time: Sep 09 07:01:41 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	389978	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1484990	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	788740	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1502222	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1107462	20.00	ng	-0.01
86) Perylene-d12	15.46	264	983074	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	2163486	93.08	ng	0.02
7) Phenol-d6	6.48	99	2717047	83.65	ng	0.00
23) Nitrobenzene-d5	7.41	82	1998983	92.03	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	1125351	141.26	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3545800	72.54	ng	0.00
79) Terphenyl-d14	12.95	244	3980299	75.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	392643	35.421	ng	99
3) Pyridine	3.52	79	1022539	33.874	ng	99
4) n-Nitrosodimethylamine	3.46	42	490450	36.756	ng	94
6) Aniline	6.51	93	779088	20.214	ng	99
8) 2-Chlorophenol	6.63	128	1069294	45.326	ng	98
9) Benzaldehyde	6.40	77	481426	26.260	ng	99
10) Phenol	6.49	94	1194749	37.599	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	1067053	41.331	ng	99
12) 1,3-Dichlorobenzene	6.79	146	1078985	37.986	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1079207	37.911	ng	99
14) 1,2-Dichlorobenzene	7.02	146	1059441	39.970	ng	99
15) Benzyl Alcohol	6.99	79	930343	43.637	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1454172	38.021	ng	99
17) 2-Methylphenol	7.10	107	860781	41.937	ng	99
18) Hexachloroethane	7.36	117	400349	41.094	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	759482	41.838	ng	98
20) 3+4-Methylphenols	7.25	107	1002341	40.354	ng	# 88
22) Acetophenone	7.26	105	1389022	37.951	ng	# 91
24) Nitrobenzene	7.43	77	1133031	52.038	ng	98
25) Isophorone	7.67	82	2156917	44.148	ng	98
26) 2-Nitrophenol	7.75	139	574654	57.864	ng	95
27) 2,4-Dimethylphenol	7.78	122	981075	48.417	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1375445	41.402	ng	99
29) 2,4-Dichlorophenol	7.99	162	936551	46.810	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	957936	39.084	ng	98
31) Naphthalene	8.15	128	2945297	39.950	ng	99
32) Benzoic acid	7.92	122	673667	51.331	ng	99
33) 4-Chloroaniline	8.19	127	410894	12.513	ng	98
34) Hexachlorobutadiene	8.27	225	562452	38.589	ng	98
35) Caprolactam	8.59	113	294597m	45.146	ng	
36) 4-Chloro-3-methylphenol	8.68	107	1013225	48.032	ng	100
37) 2-Methylnaphthalene	8.84	142	2083999	42.665	ng	99
38) 1-Methylnaphthalene	8.94	142	1933138	41.913	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	966725	41.347	ng	99

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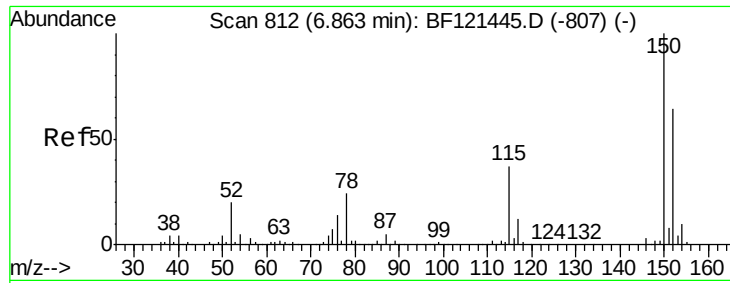
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
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 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	928858	94.472	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	735610	49.778	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	754280	51.617	nq	99
46) 1,1'-Biphenyl	9.30	154	2498666	41.981	nq	98
47) 2-Chloronaphthalene	9.33	162	1952907	39.919	nq	99
48) 2-Nitroaniline	9.43	65	656100	47.812	nq	92
49) Acenaphthylene	9.75	152	3130659	42.664	nq	99
50) Dimethylphthalate	9.61	163	2496292	46.075	nq	100
51) 2,6-Dinitrotoluene	9.67	165	570321	55.074	nq	93
52) Acenaphthene	9.92	154	2134682m	46.071	nq	
53) 3-Nitroaniline	9.83	138	298155	25.881	nq	99
54) 2,4-Dinitrophenol	9.95	184	461835	89.060	nq	99
55) Dibenzofuran	10.09	168	2861031	42.507	nq	100
56) 4-Nitrophenol	10.00	139	916593	86.872	nq	98
57) 2,4-Dinitrotoluene	10.07	165	753827	58.440	nq	99
58) Fluorene	10.43	166	2183037	43.025	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	664591	54.625	nq	99
60) Diethylphthalate	10.31	149	2494084	45.820	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	1087968	42.796	nq	96
62) 4-Nitroaniline	10.45	138	551730	42.271	nq	98
63) Azobenzene	10.59	77	2345873	43.580	nq	96
65) 4,6-Dinitro-2-methylphenol	10.48	198	353033	65.510	nq	94
66) n-Nitrosodiphenylamine	10.55	169	2123084	44.685	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	749949	45.380	nq	98
68) Hexachlorobenzene	10.98	284	870931	45.068	nq	93
69) Atrazine	11.07	200	553985	40.205	nq	99
70) Pentachlorophenol	11.17	266	974732	110.406	nq	100
71) Phenanthrene	11.39	178	3256491	42.242	nq	99
72) Anthracene	11.45	178	3324942	43.852	nq	98
73) Carbazole	11.60	167	3135512	42.885	nq	98
74) Di-n-butylphthalate	11.93	149	3670342	45.188	nq	98
75) Fluoranthene	12.58	202	3549391	42.720	nq	97
77) Benzidine	12.70	184	484433	20.057	nq	99
78) Pyrene	12.81	202	3650073	46.149	nq	97
80) Butylbenzylphthalate	13.43	149	1615238	53.010	nq	99
81) Benzo(a)anthracene	13.99	228	2894492	42.815	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	773685	31.245	nq	98
83) Chrysene	14.03	228	2973678	43.966	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	2026766	51.501	nq	99
85) Di-n-octyl phthalate	14.60	149	3601224	53.996	nq	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	2811868	46.487	nq	100
88) Benzo(b)fluoranthene	15.04	252	2934464	45.888	nq	99
89) Benzo(k)fluoranthene	15.07	252	2842484	47.788	nq	98
90) Benzo(a)pyrene	15.40	252	2551204	44.367	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	2292911	46.309	nq	100
92) Benzo(g,h,i)perylene	17.36	276	2333408	48.922	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

Tot Ion: 152 Resp: 389978

Ion Ratio Lower Upper

152 100

150 155.7 126.1 189.1

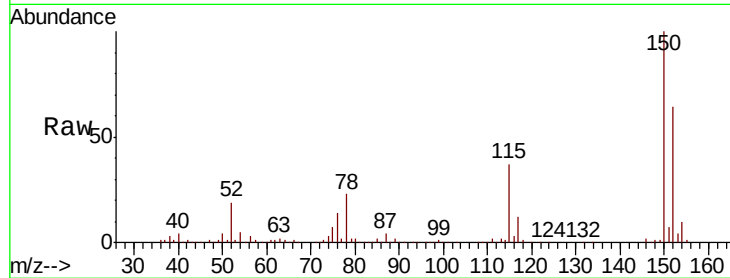
115 57.0 48.4 72.6

Manual Integrations

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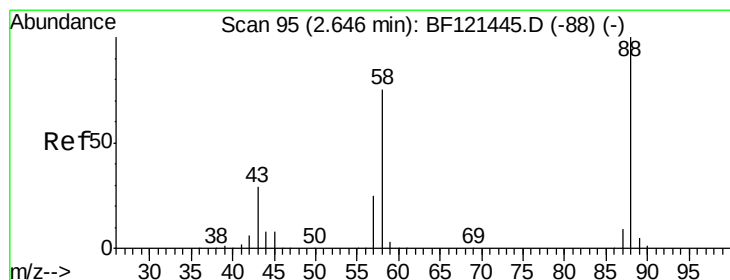
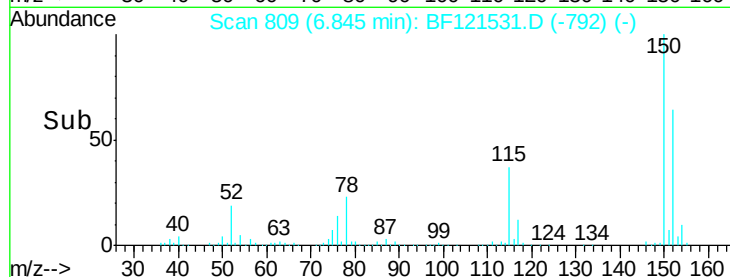
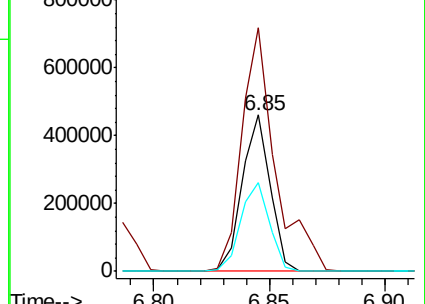
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.421 ng

RT: 2.82 min Scan# 124

Delta R.T. 0.19 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

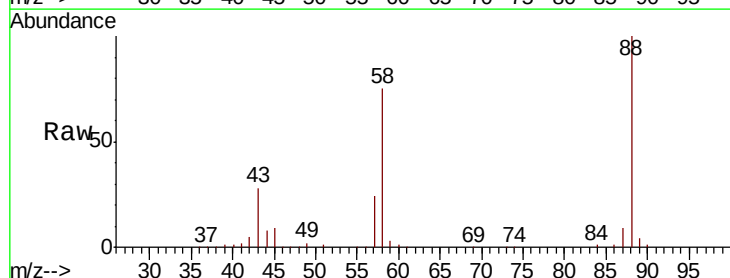
Tgt Ion: 88 Resp: 392643

Ion Ratio Lower Upper

88 100

58 74.0 59.6 89.4

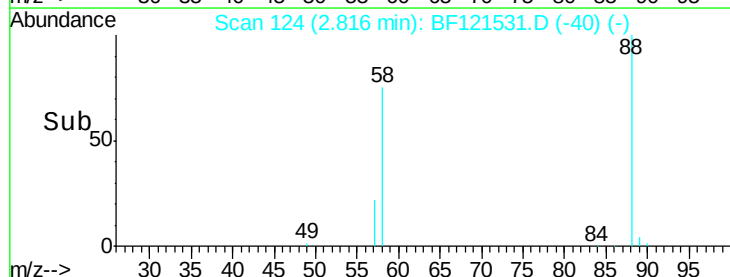
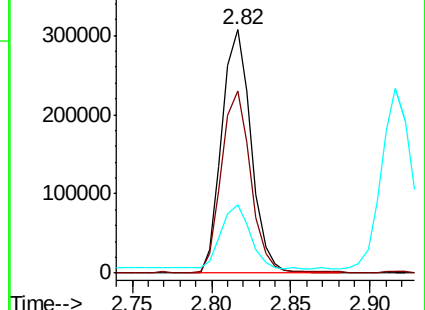
43 26.3 21.9 32.9

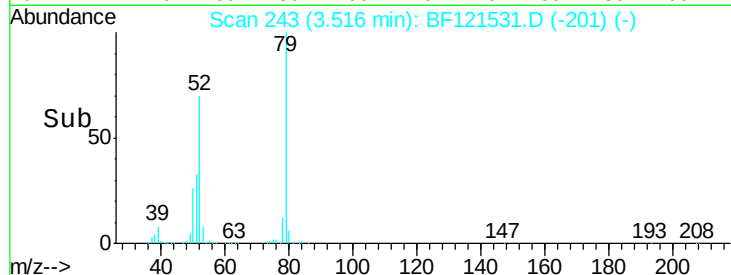
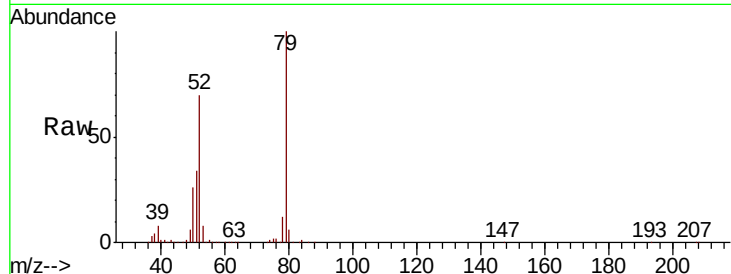
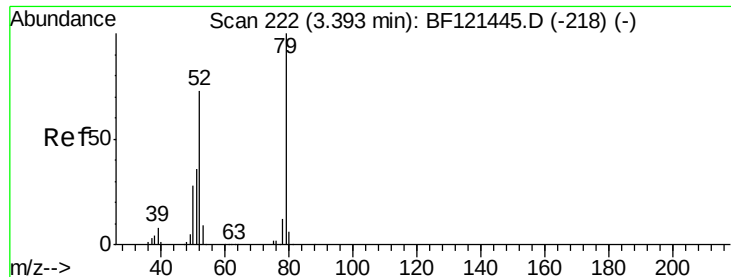


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





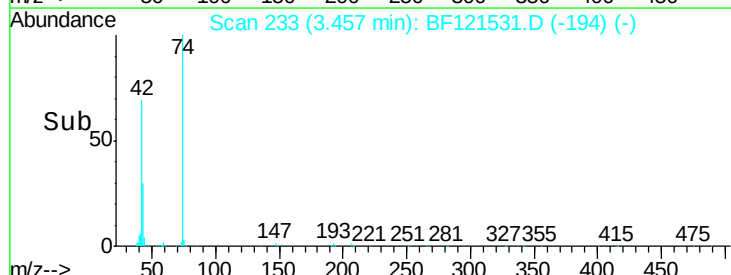
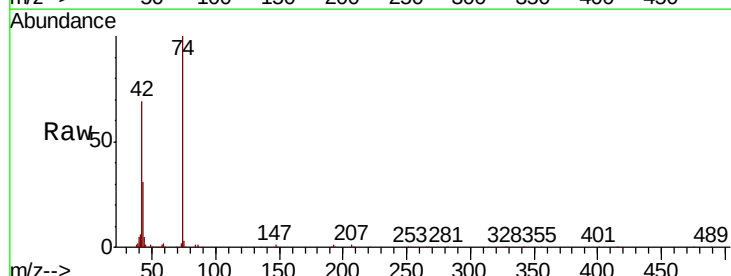
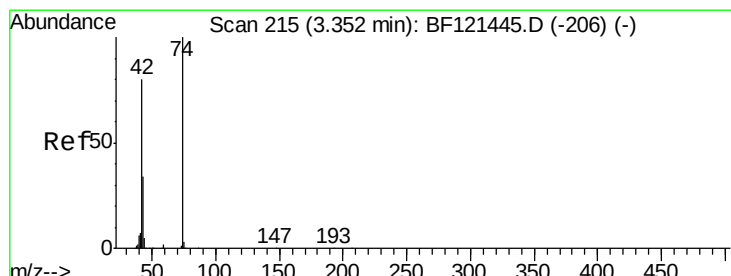
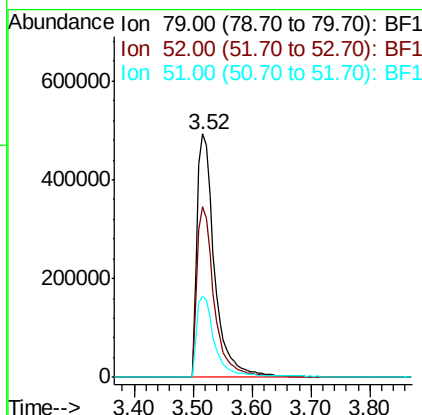
#3
 Pvridine
 Concen: 33.874 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.15 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tot Ion: 79 Resp: 1022539
 Ion Ratio Lower Upper
 79 100
 52 70.0 56.5 84.7
 51 33.5 27.6 41.4

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

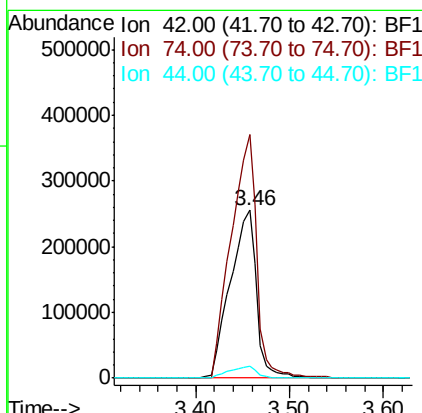
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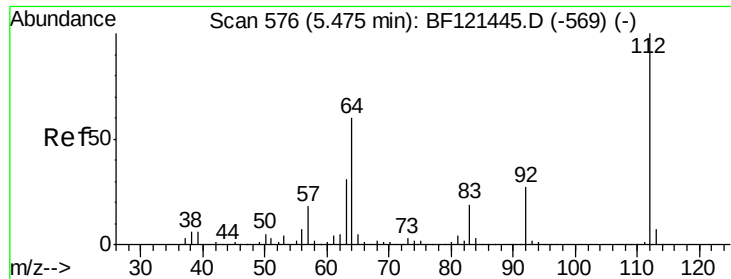
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#4
 n-Nitrosodimethylamine
 Concen: 36.756 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.13 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion: 42 Resp: 490450
 Ion Ratio Lower Upper
 42 100
 74 145.2 110.3 165.5
 44 6.7 5.4 8.2





#5

2-Fluorophenol

Concen: 93.076 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

Tot Ion: 112 Resp: 2163486

Ion Ratio Lower Upper

112 100

64 59.9 46.0 69.0

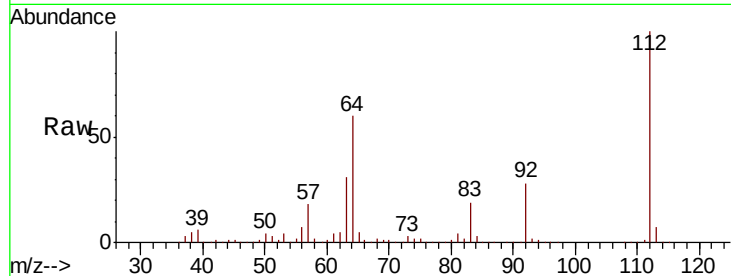
63 30.7 23.4 35.2

Manual Integrations

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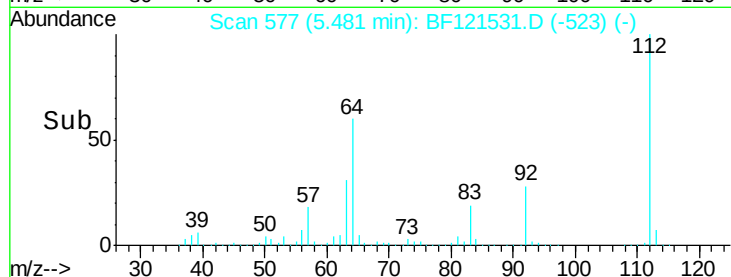


Abundance Ion 112.00 (111.70 to 112.70): BF1

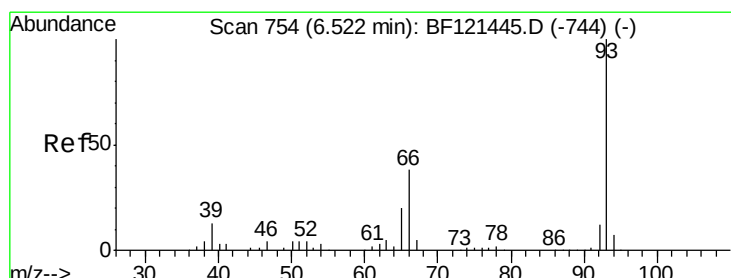
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->



Time-->



#6

Aniline

Concen: 20.214 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

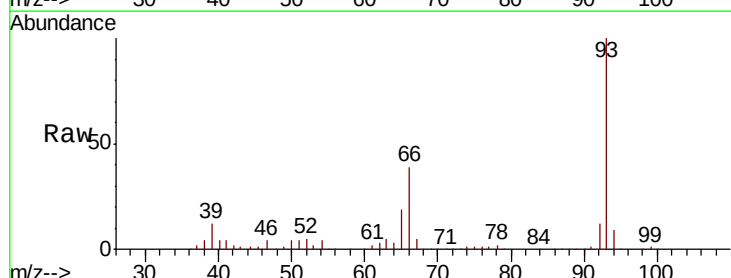
Tgt Ion: 93 Resp: 779088

Ion Ratio Lower Upper

93 100

66 39.1 31.5 47.3

65 19.5 15.8 23.8

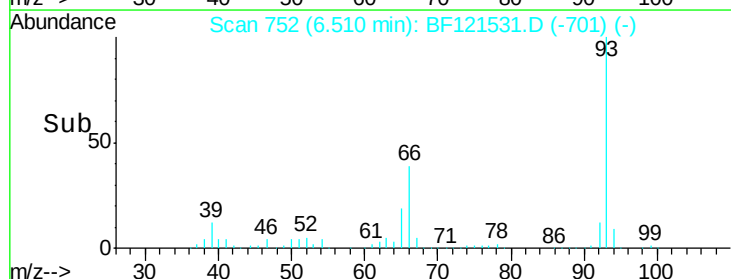


Abundance Ion 93.00 (92.70 to 93.70): BF1

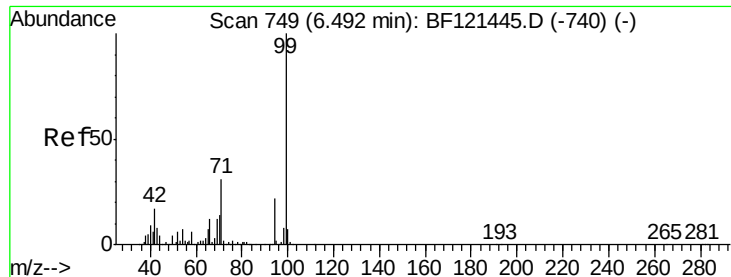
Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->



Time-->



#7

Phenol-d6

Concen: 83.645 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

Tot Ion: 99 Resp: 2717047

Ion Ratio Lower Upper

99 100

42 16.4 13.0 19.4

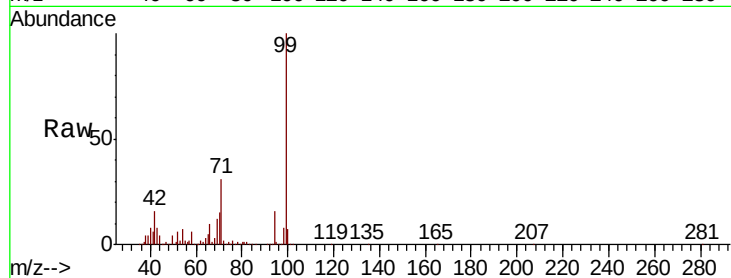
71 31.2 24.8 37.2

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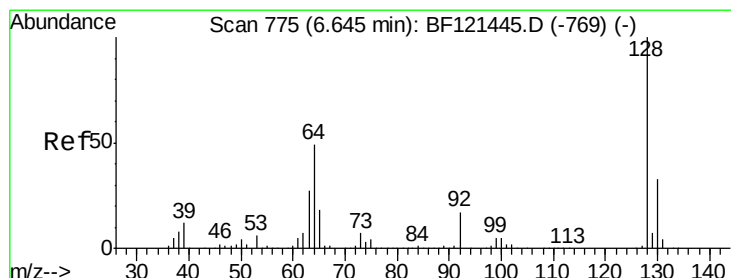
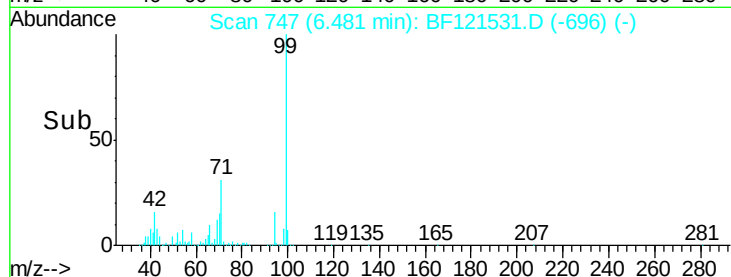
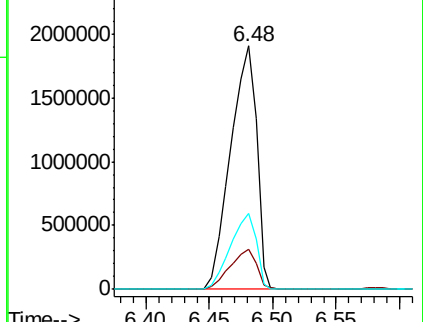
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.326 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

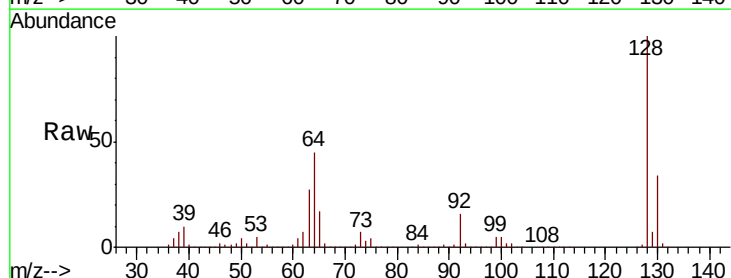
Tgt Ion: 128 Resp: 1069294

Ion Ratio Lower Upper

128 100

130 33.9 12.9 52.9

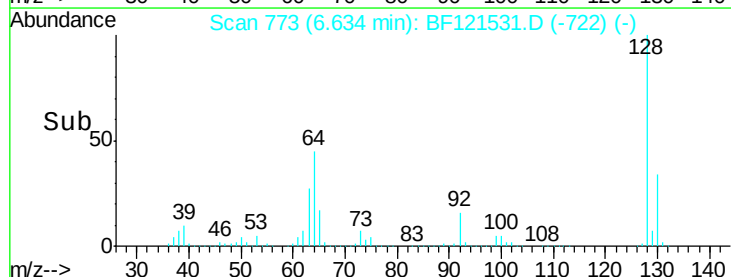
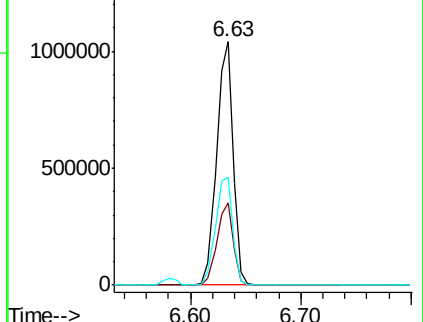
64 44.6 26.4 66.4

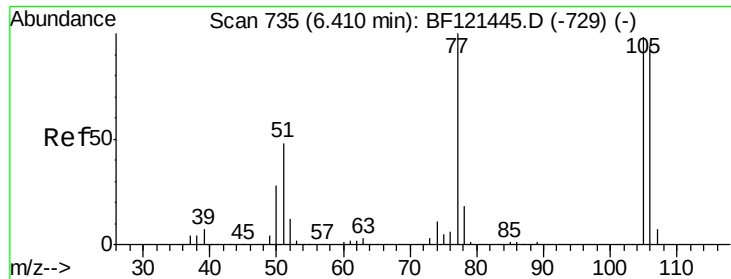


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.260 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

Tot Ion: 77 Resp: 481426

Ion Ratio Lower Upper

77 100

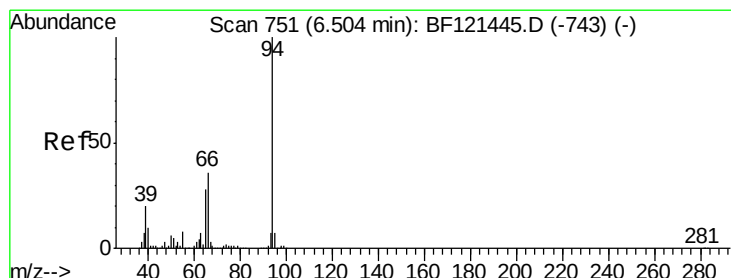
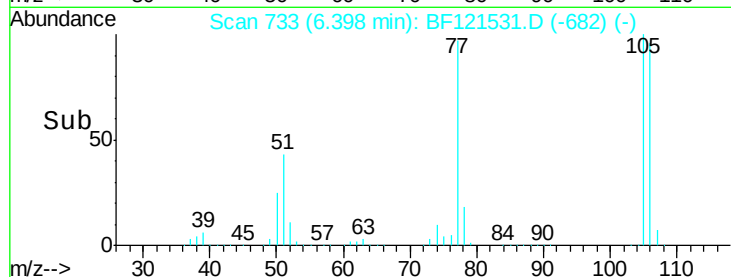
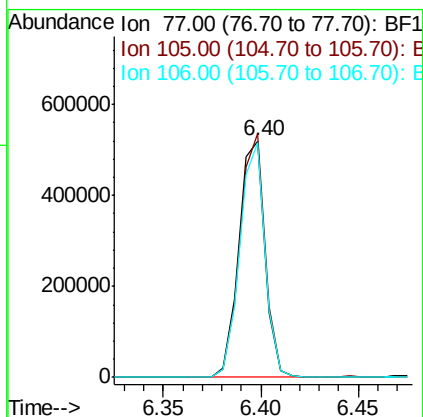
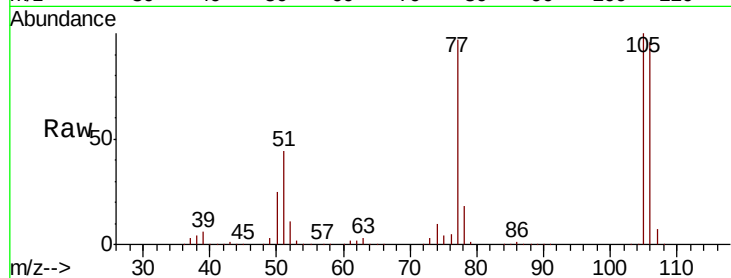
105 103.2 82.1 122.1

106 99.3 77.8 117.8

Manual Integrations
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#10

Phenol

Concen: 37.599 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

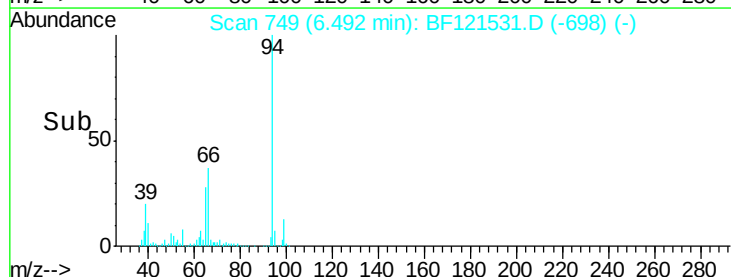
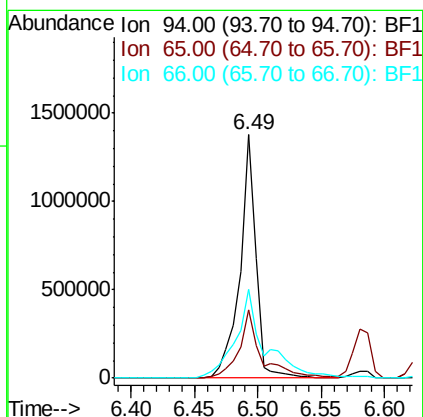
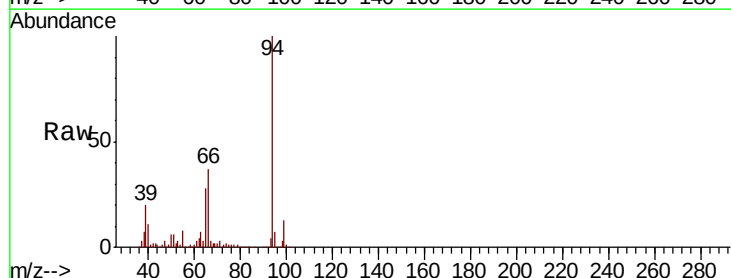
Tgt Ion: 94 Resp: 1194749

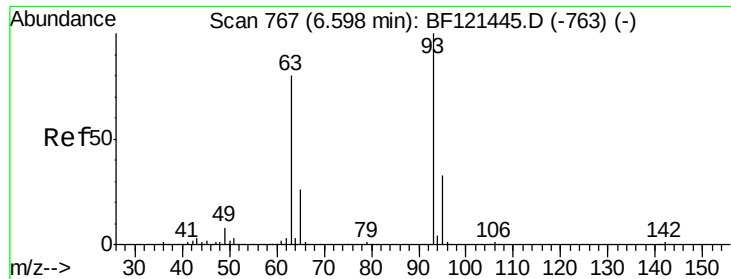
Ion Ratio Lower Upper

94 100

65 28.0 8.8 48.8

66 36.6 18.4 58.4





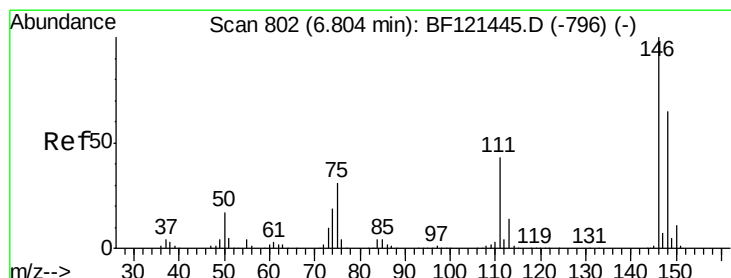
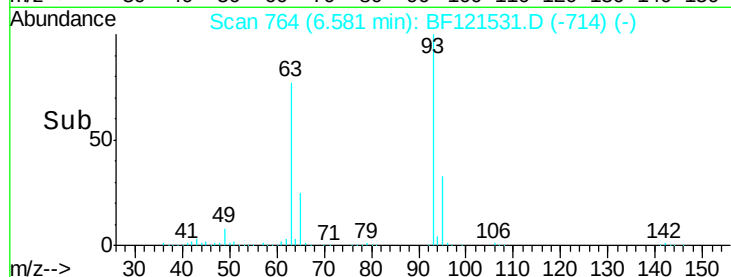
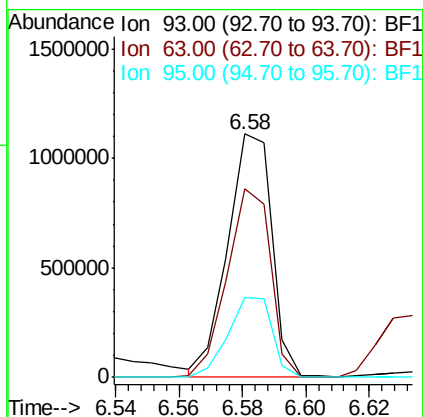
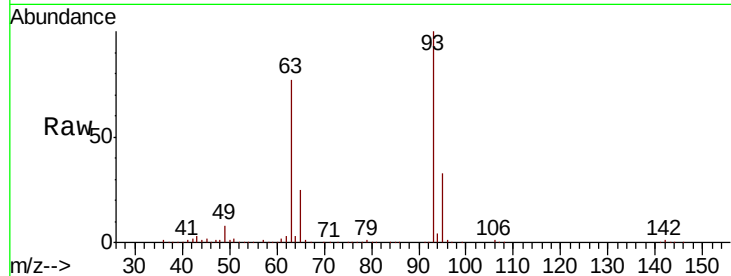
#11
bis(2-Chloroethyl)ether
Concen: 41.331 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.3	56.4	96.4
95	33.0	13.3	53.3

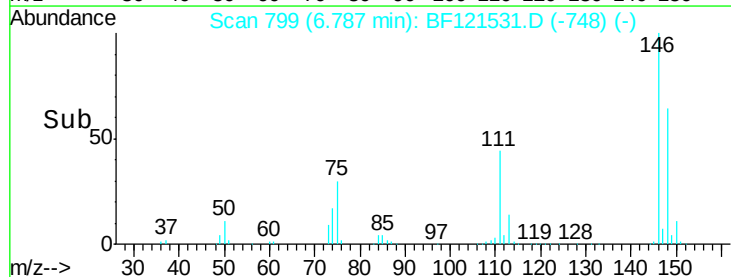
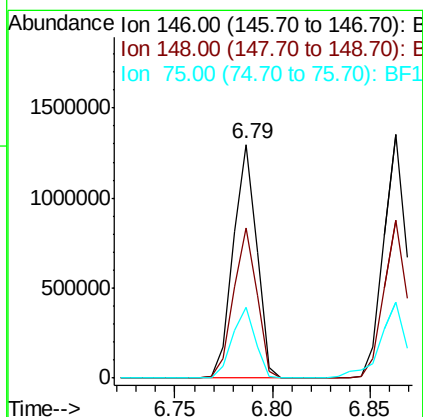
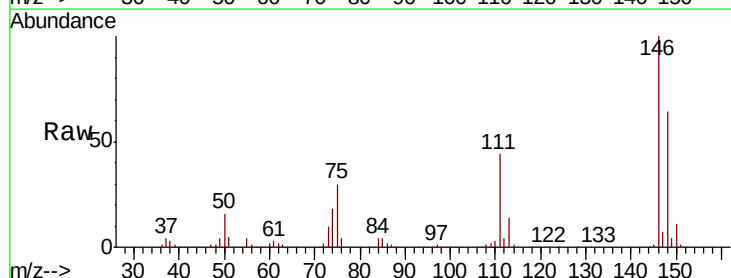
Manual Integrations
APPROVED

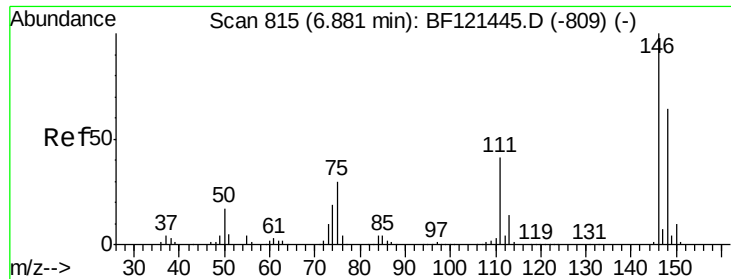
Sohil
9/9/2020 3:49:33 PM



#12
1,3-Dichlorobenzene
Concen: 37.986 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.7	77.5
75	30.4	25.5	38.3





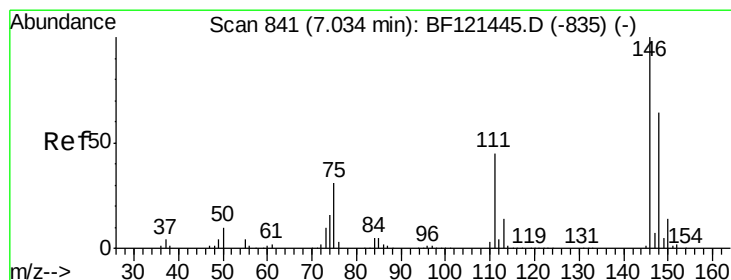
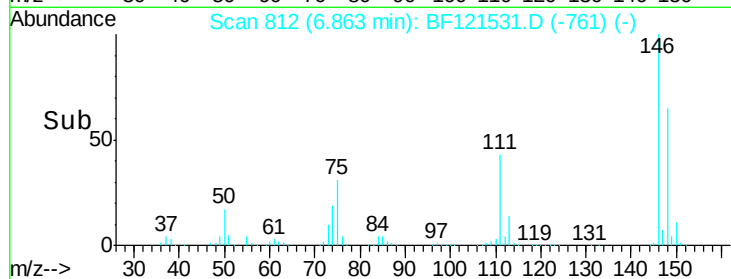
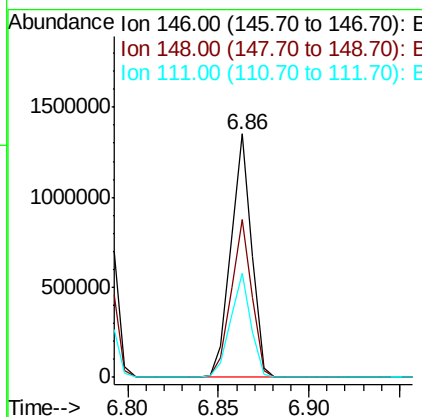
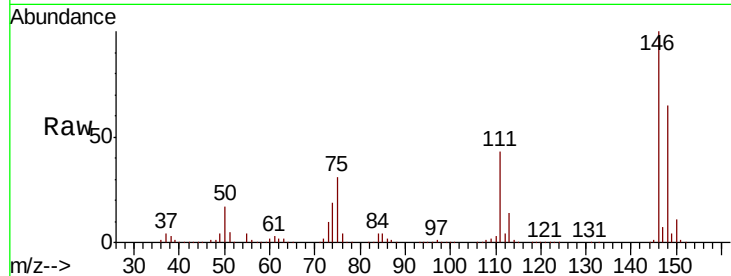
#13
 1,4-Dichlorobenzene
 Concen: 37.911 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion:146 Resp: 1079207
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.4
 111 42.9 33.9 50.9

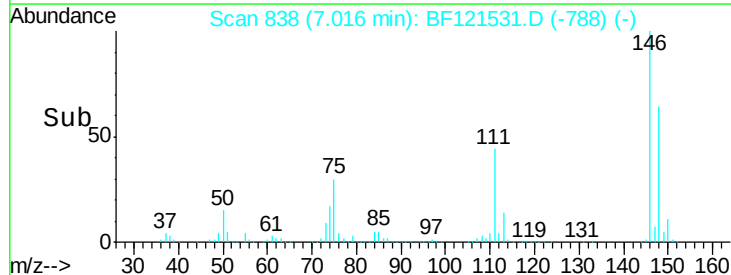
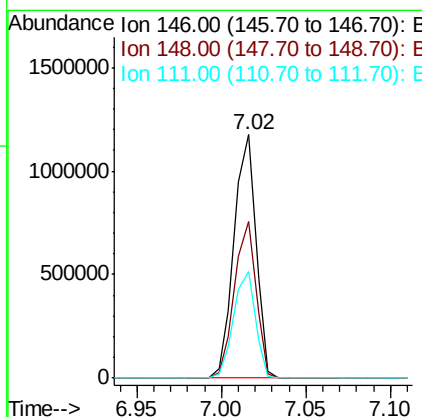
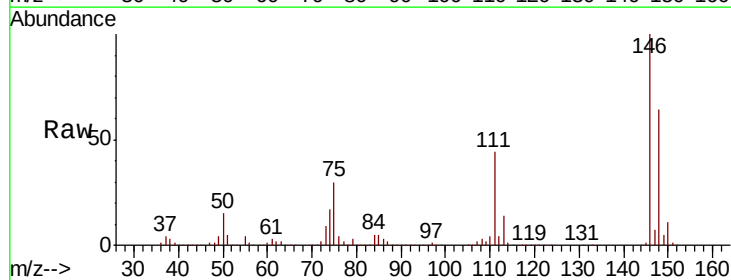
Manual Integrations
 APPROVED

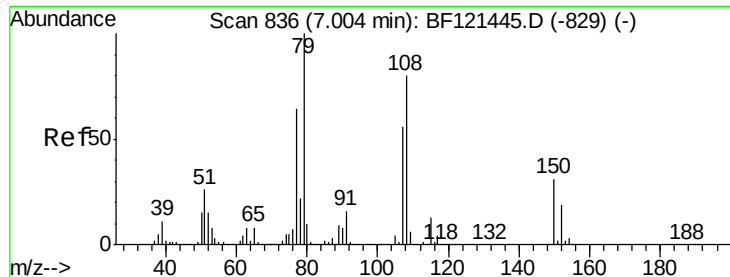
Sohil
 9/9/2020 3:49:33 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.970 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:146 Resp: 1059441
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 111 43.9 33.9 50.9





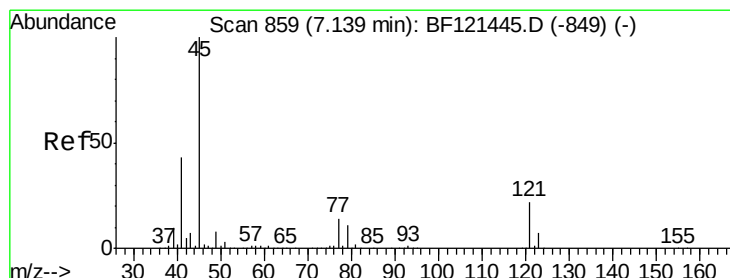
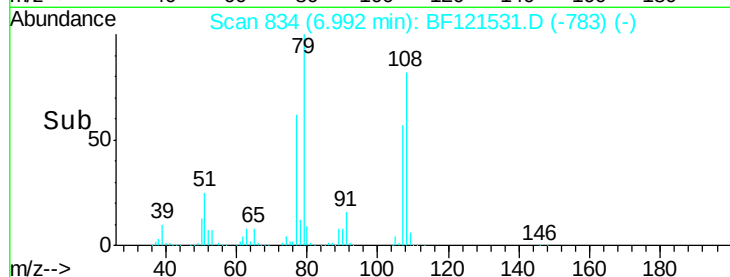
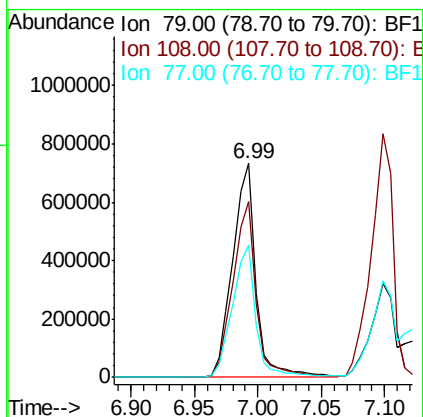
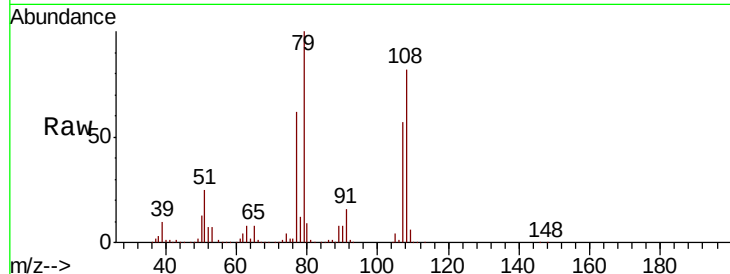
#15
Benzyl Alcohol
Concen: 43.637 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.0	66.9	100.3
77	62.1	49.8	74.8

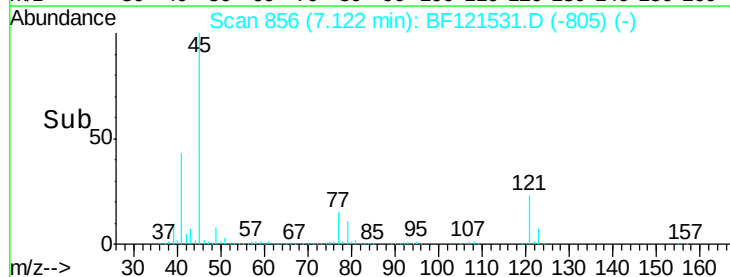
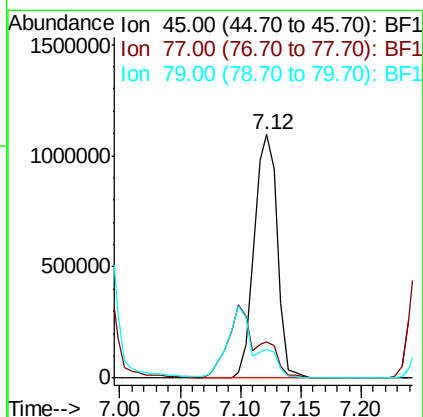
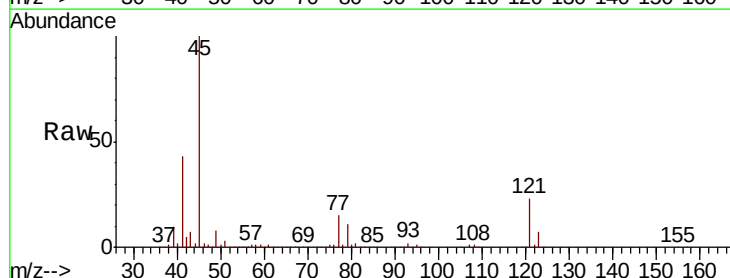
Manual Integrations
APPROVED

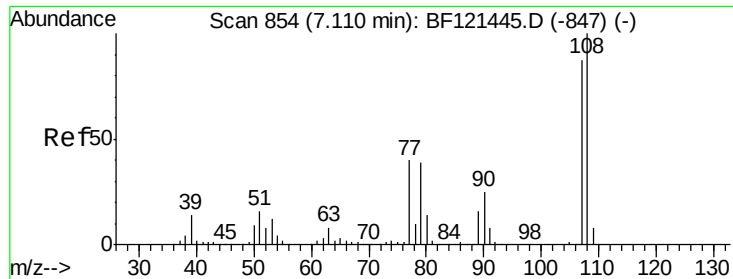
Sohil
9/9/2020 3:49:33 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.021 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.7
79	11.5	0.0	31.2





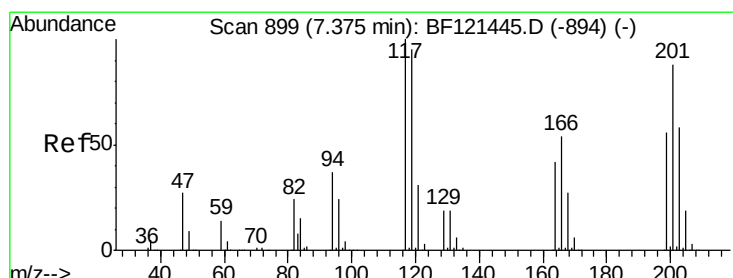
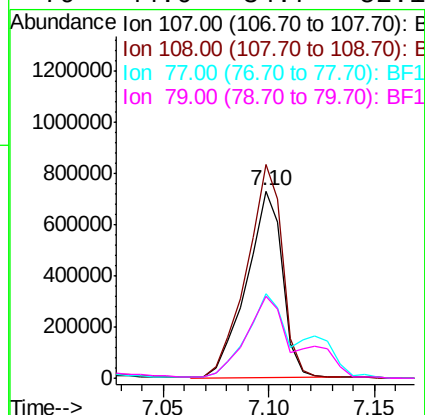
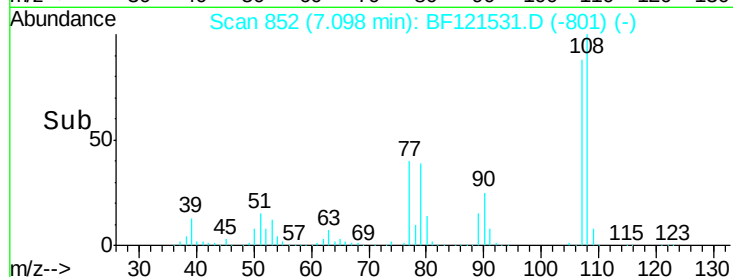
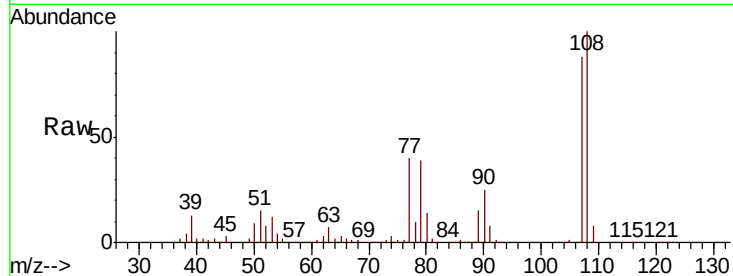
#17
2-Methylphenol
Concen: 41.937 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.6	137.4
77	45.1	35.4	53.0
79	44.0	34.7	52.1

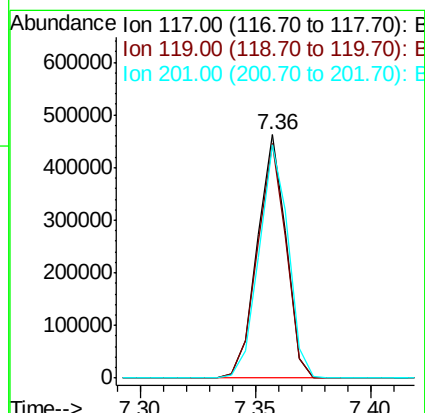
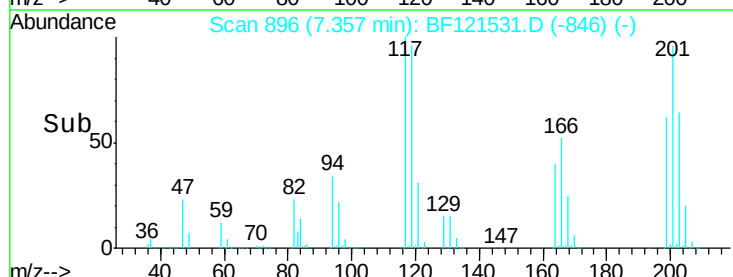
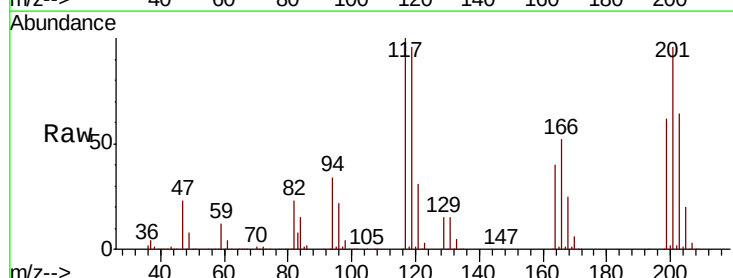
Manual Integrations
APPROVED

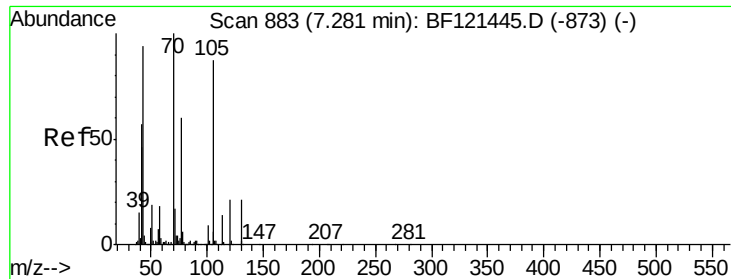
Sohil
9/9/2020 3:49:33 PM



#18
Hexachloroethane
Concen: 41.094 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.4
201	96.0	82.5	123.7





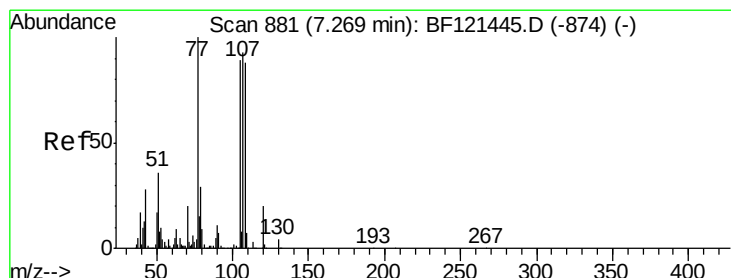
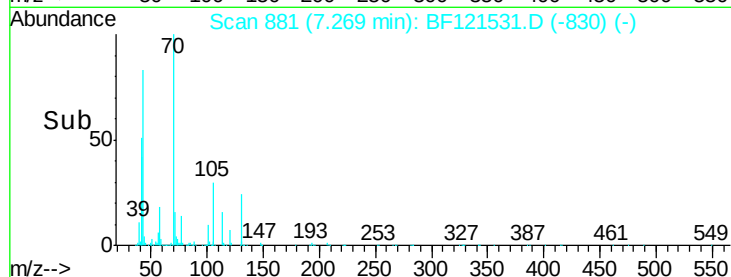
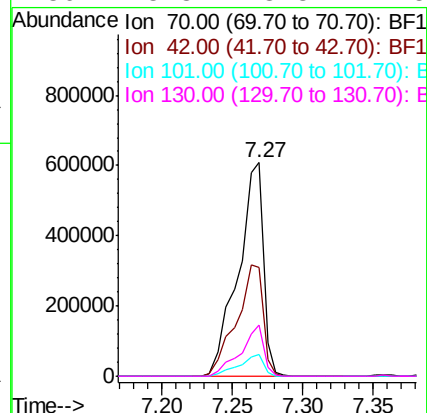
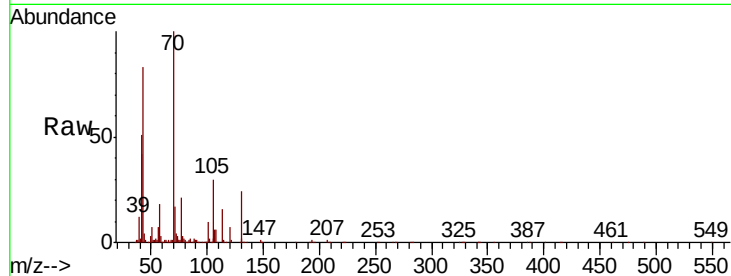
#19
n-Nitroso-di-n-propylamine
Concen: 41.838 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.2	42.0	63.0	
101	10.0	8.1	12.1	
130	23.8	18.3	27.5	

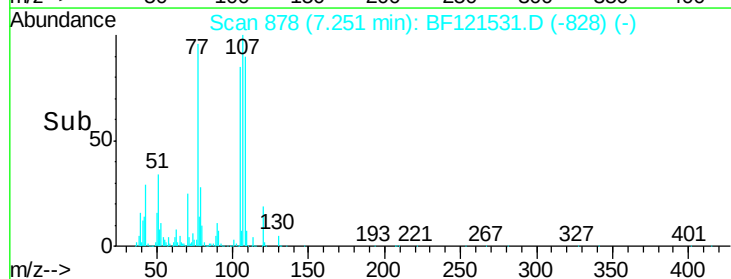
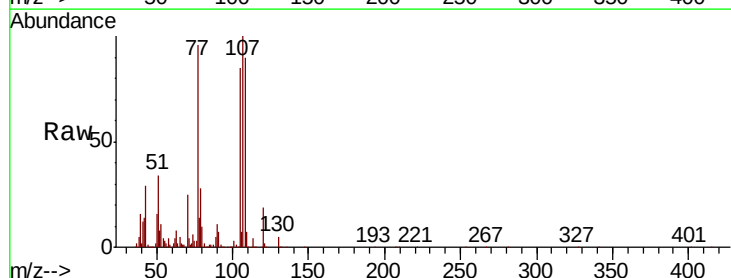
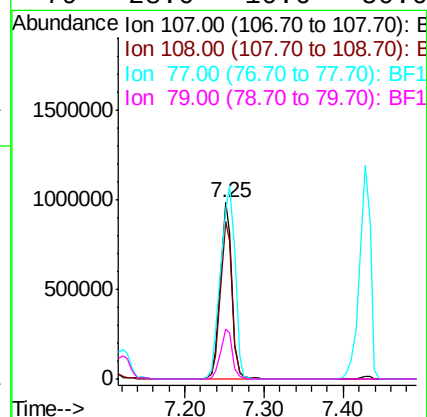
Manual Integrations
APPROVED

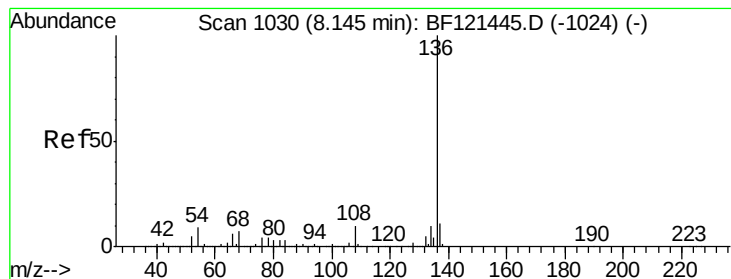
Sohil
9/9/2020 3:49:33 PM



#20
3+4-Methylphenols
Concen: 40.354 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.6	74.0	114.0	
77	95.8	96.7	136.7#	
79	28.0	10.6	50.6	





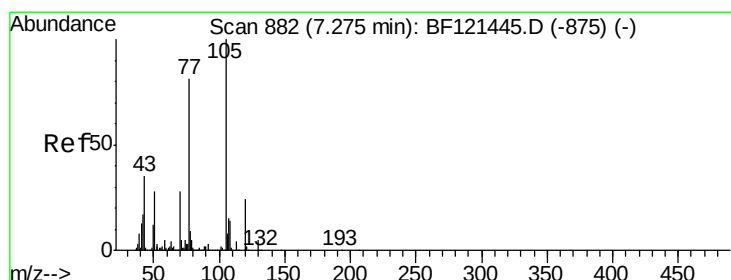
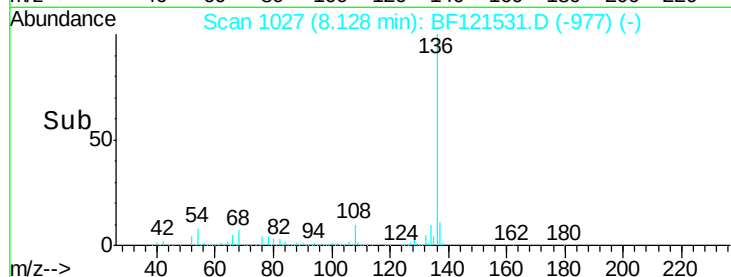
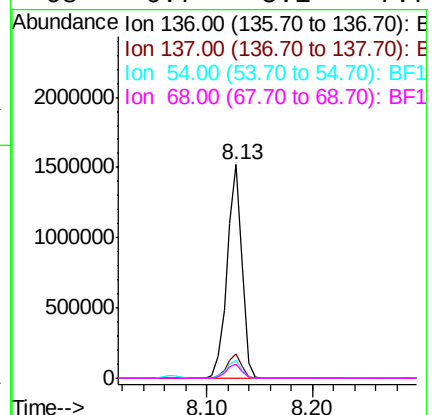
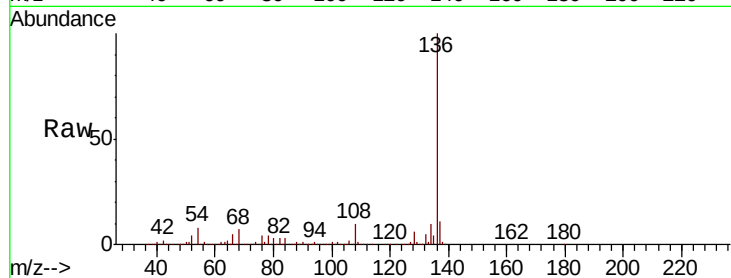
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1484990		
137	11.2		8.9	13.3	
54	8.3		6.2	9.4	
68	6.7		5.1	7.7	

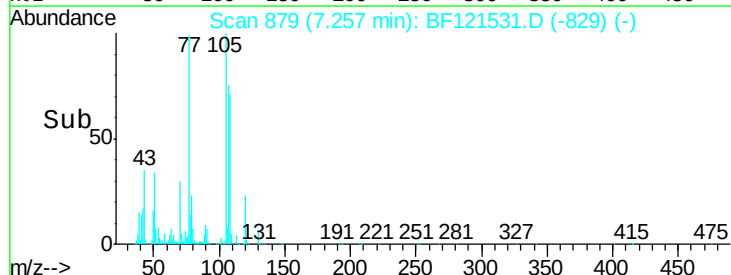
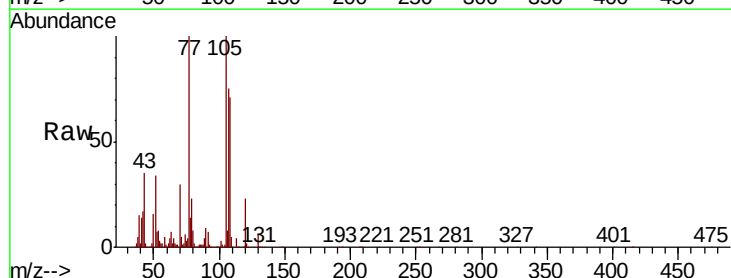
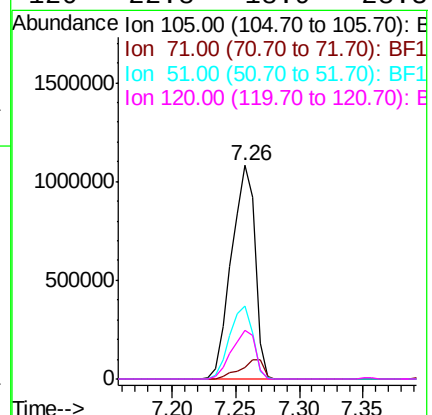
Manual Integrations
APPROVED

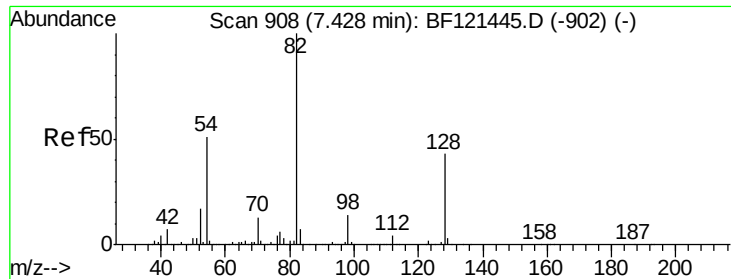
Sohil
9/9/2020 3:49:33 PM



#22
Acetophenone
Concen: 37.951 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1389022		
71	5.3		6.0	9.0#	
51	34.0		20.7	31.1#	
120	22.8		18.9	28.3	





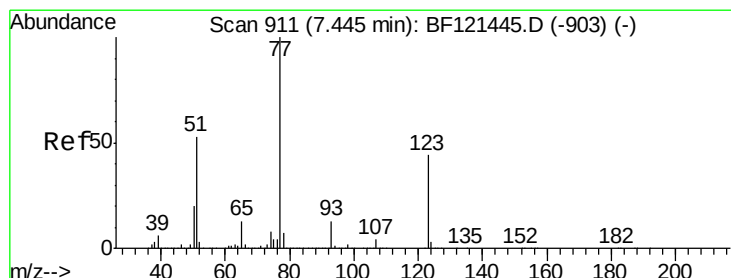
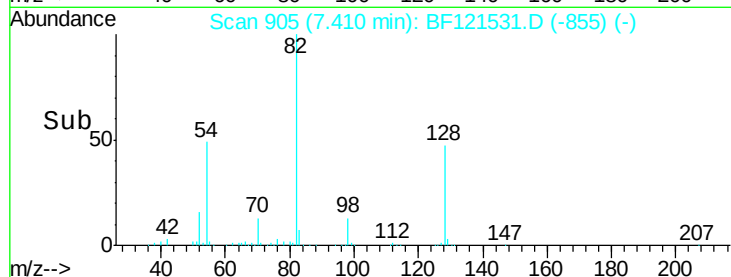
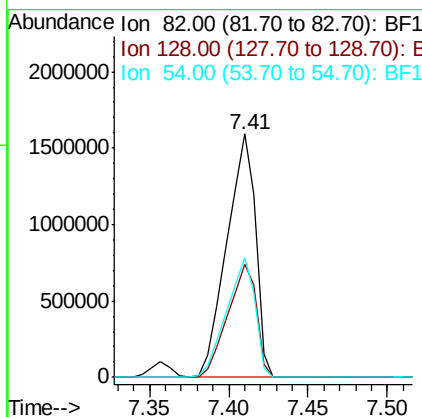
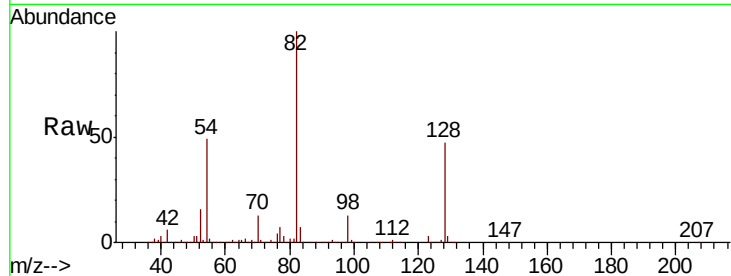
#23
Nitrobenzene-d5
Concen: 92.029 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.3	55.9
54	48.9	39.0	58.6

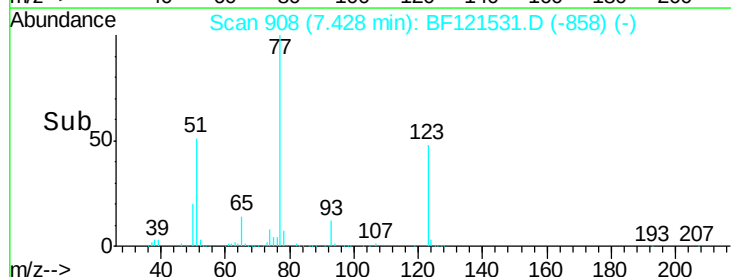
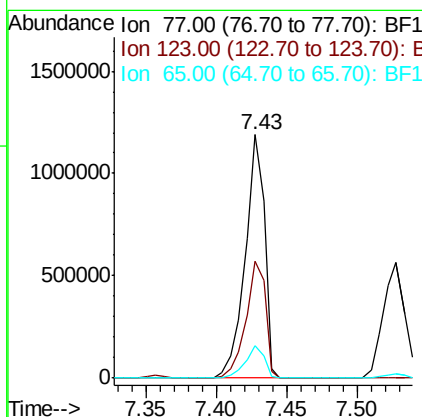
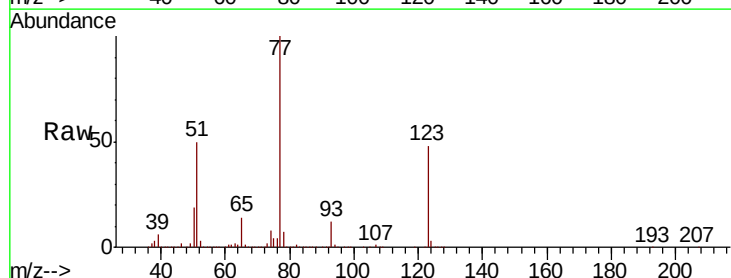
Manual Integrations
APPROVED

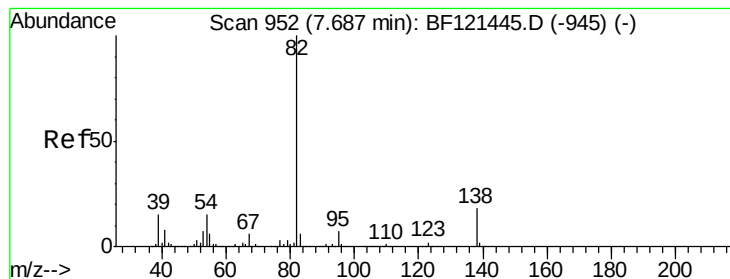
Sohil
9/9/2020 3:49:33 PM



#24
Nitrobenzene
Concen: 52.038 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	39.7	59.5
65	13.5	11.0	16.4





#25

Isophorone

Concen: 44.148 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

Tot Ion: 82 Resp: 2156917

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

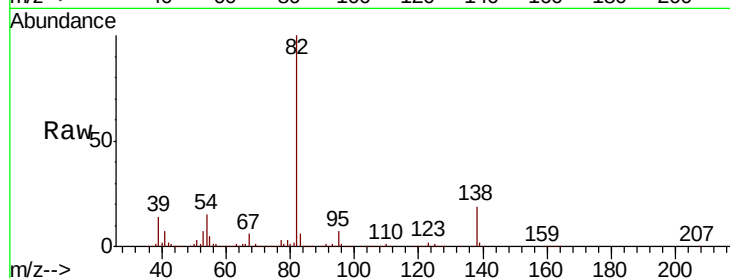
138 18.6 15.6 23.4

Manual Integrations

APPROVED

Sohil

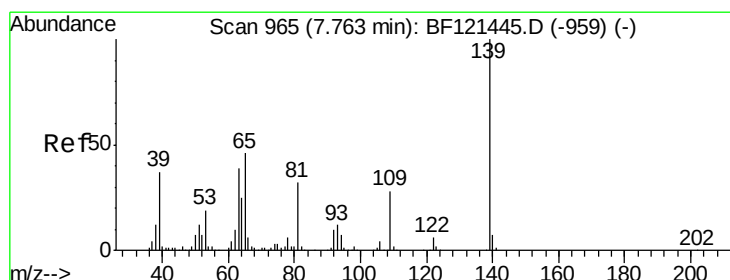
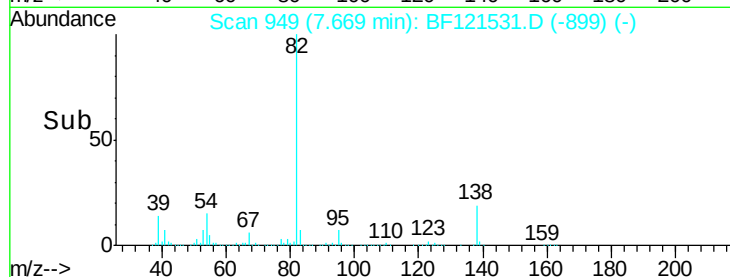
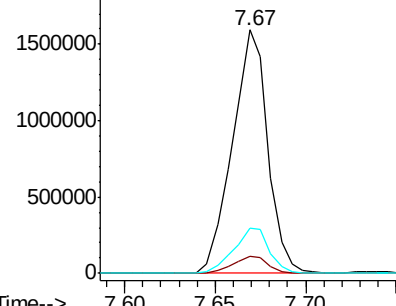
9/9/2020 3:49:33 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 57.864 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

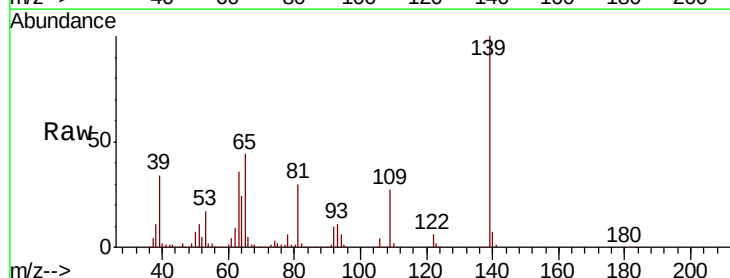
Tgt Ion: 139 Resp: 574654

Ion Ratio Lower Upper

139 100

109 26.8 22.0 33.0

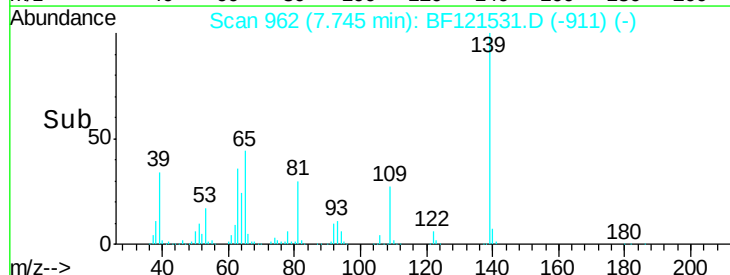
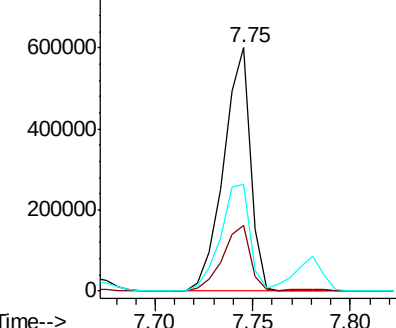
65 43.8 39.3 58.9

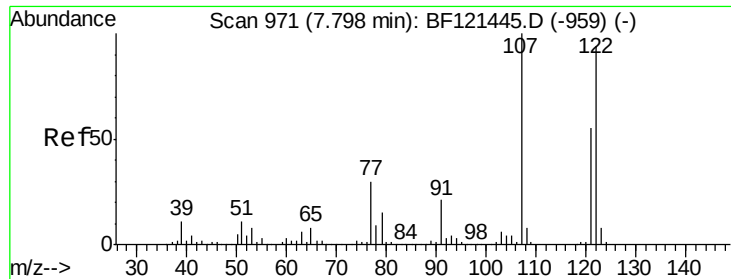


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.417 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

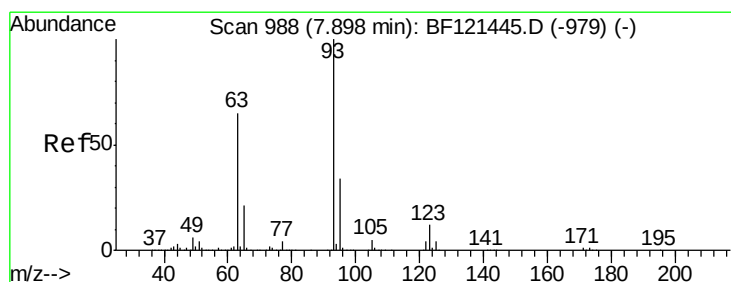
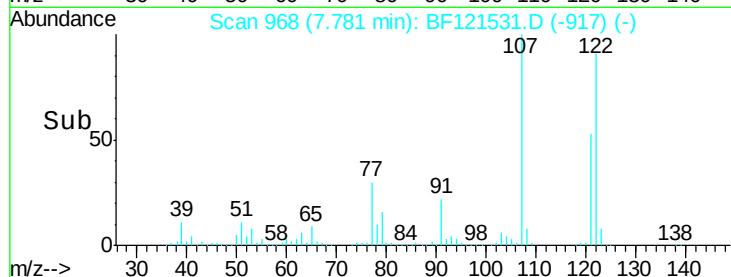
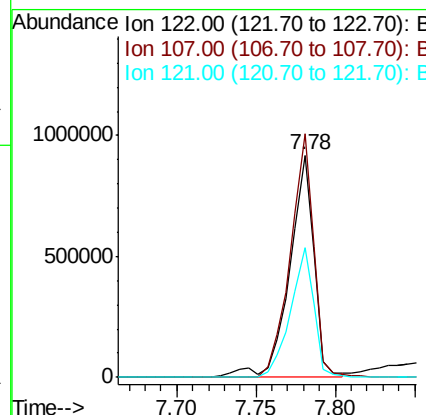
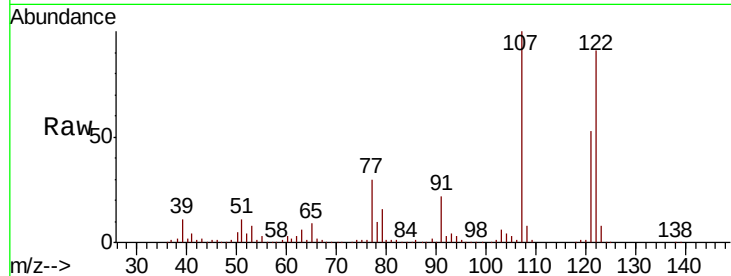
ClientSampleId :

CL-01-090320MSD

Tot Ion:	122	Resp:	981075
Ion Ratio	Lower	Upper	
122	100		
107	109.5	87.7	131.5
121	58.5	46.5	69.7

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#28

bis(2-Chloroethoxy)methane

Concen: 41.402 ng

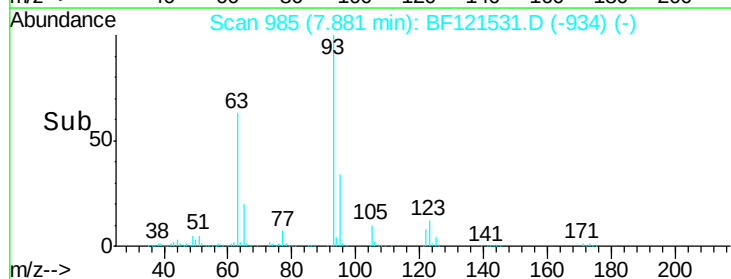
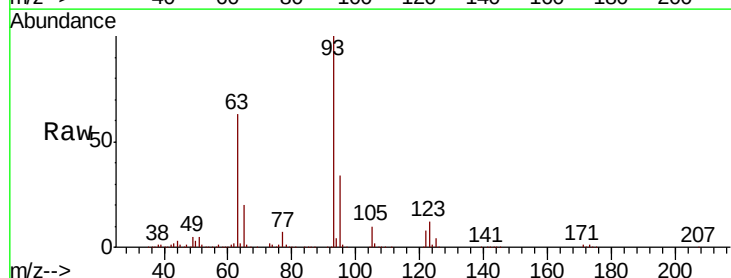
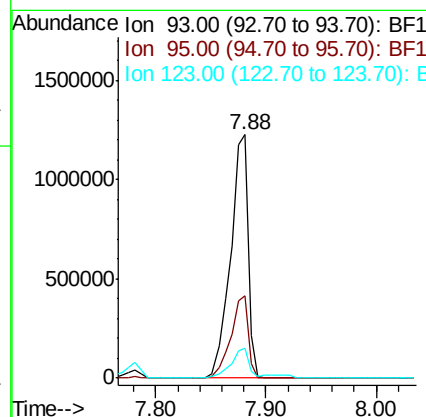
RT: 7.88 min Scan# 985

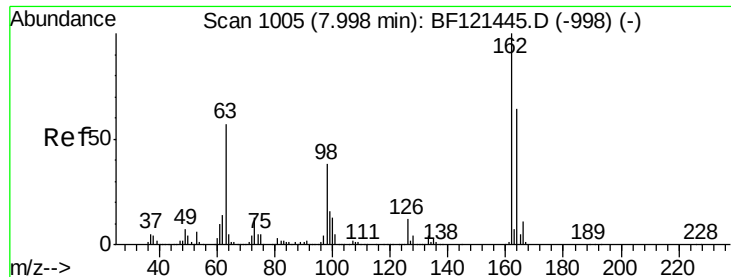
Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Tgt Ion:	93	Resp:	1375445
Ion Ratio	Lower	Upper	
93	100		
95	33.8	27.4	41.0
123	12.2	9.6	14.4





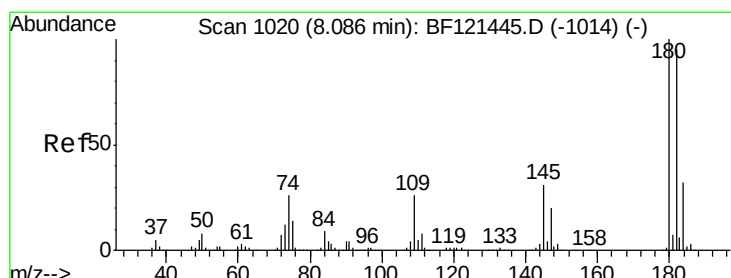
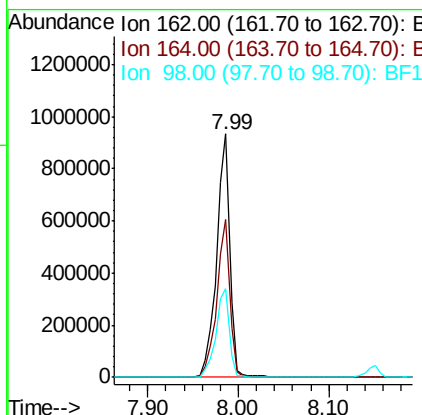
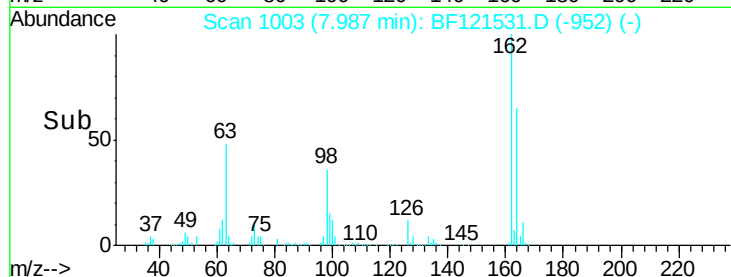
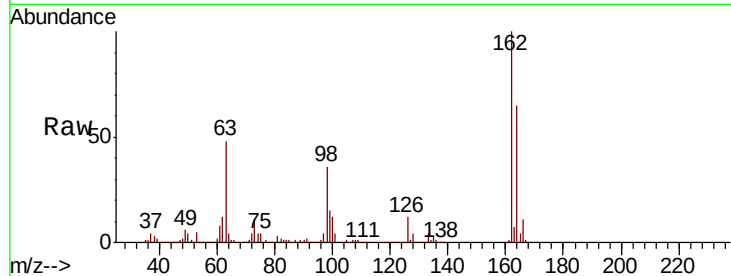
#29
 2,4-Dichlorophenol
 Concen: 46.810 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	936551		
164	64.9		44.1	84.1
98	36.5		18.4	58.4

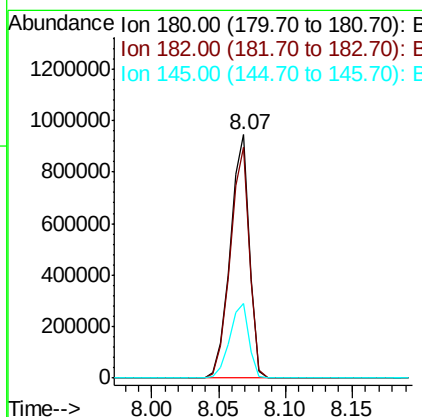
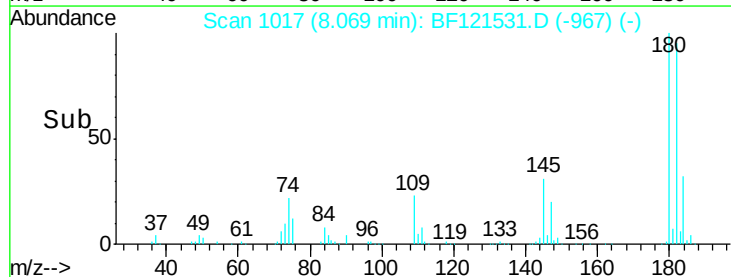
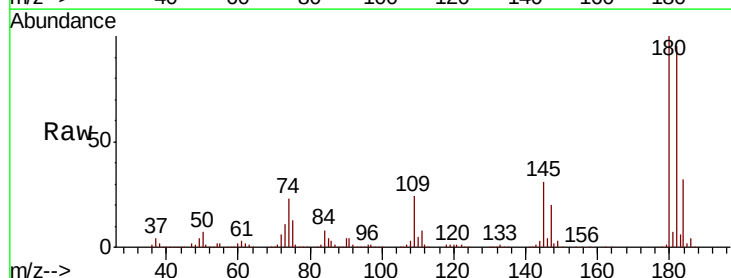
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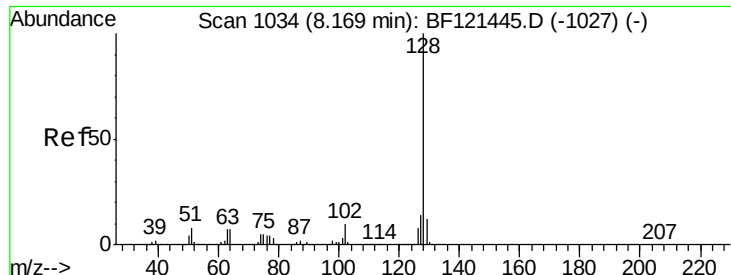
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.084 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	957936		
182	95.0		77.5	116.3
145	30.9		24.3	36.5





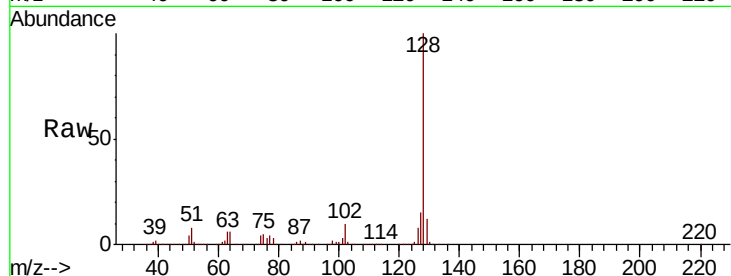
#31
Naphthalene
Concen: 39.950 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.7	14.5
127	14.6	11.1	16.7

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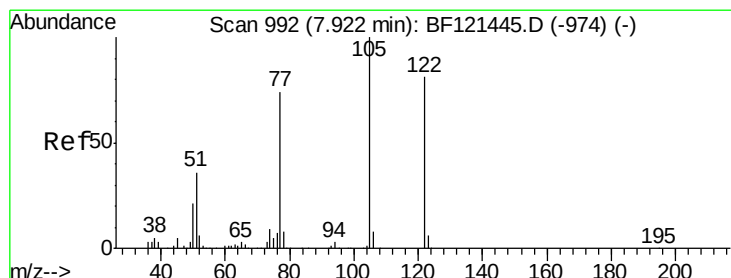
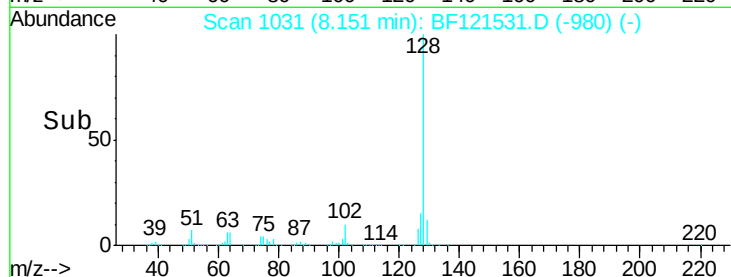
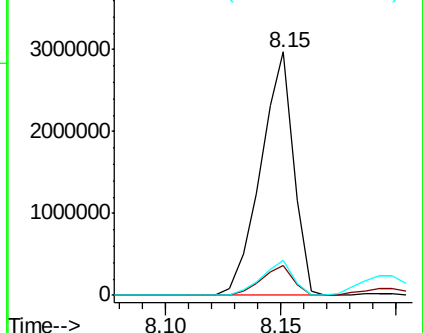


Abundance

Ion 128.00 (127.70 to 128.70): E

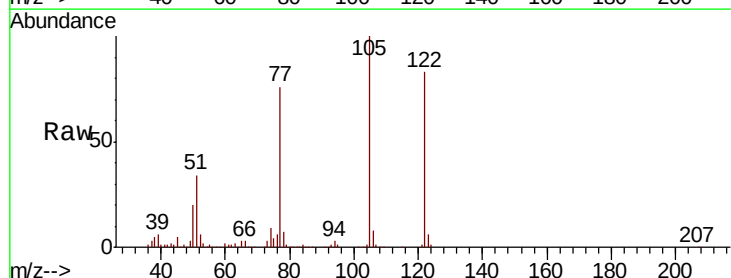
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 51.331 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	102.2	142.2
77	90.7	69.8	109.8

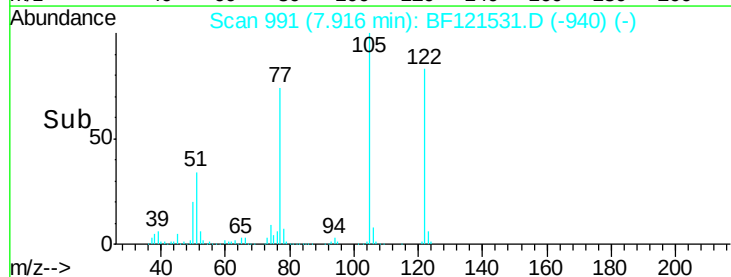
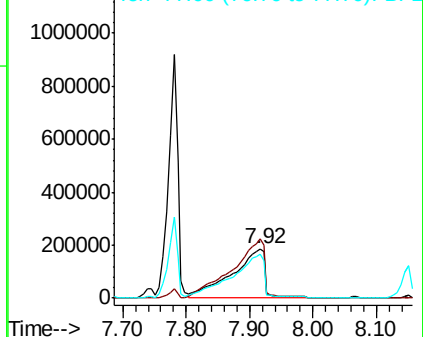


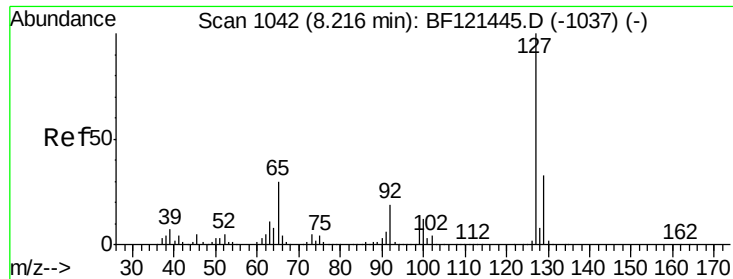
Abundance

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





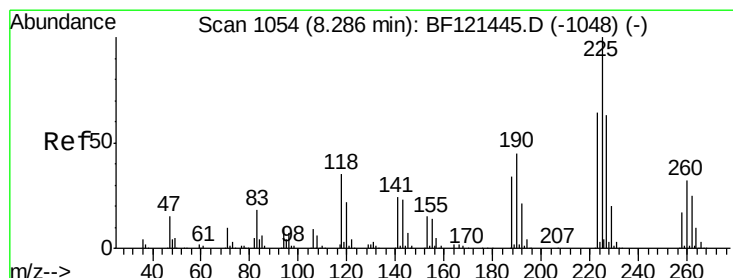
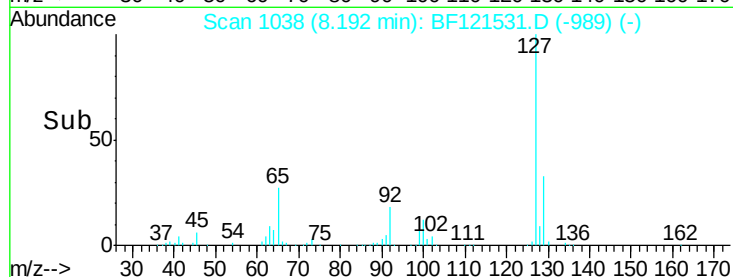
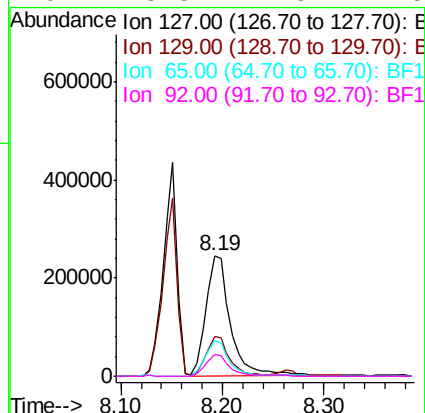
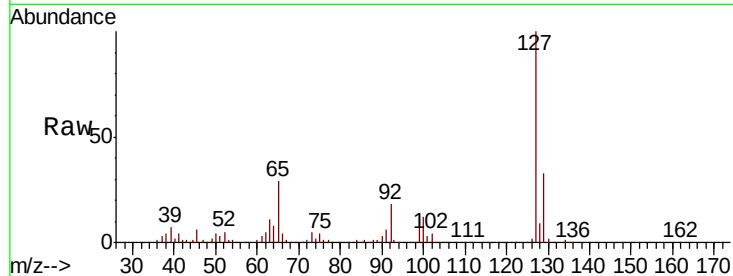
#33
4-Chloroaniline
Concen: 12.513 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		410894		
129	32.8	26.2	39.4		
65	29.5	21.8	32.6		
92	18.5	14.3	21.5		

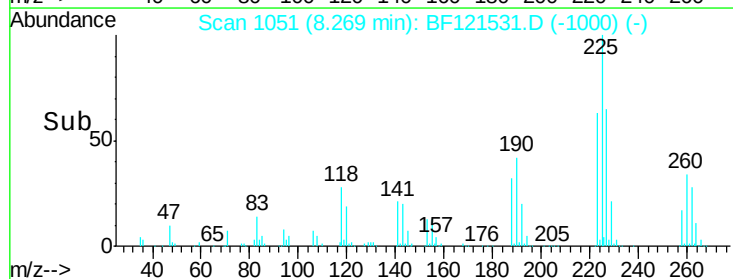
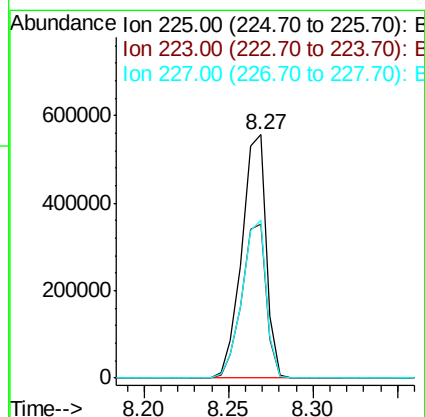
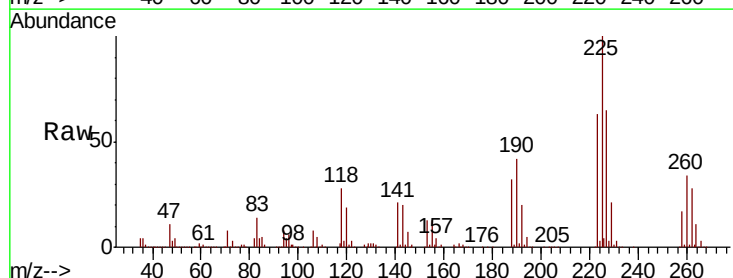
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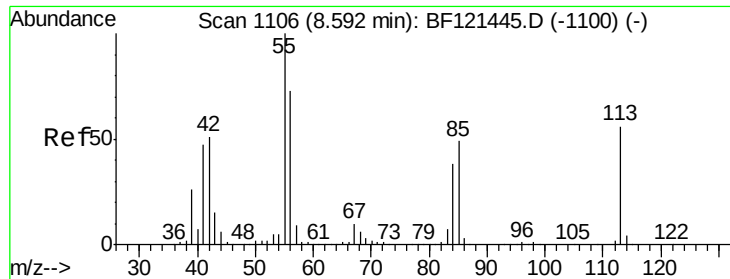
Sohil
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#34
Hexachlorobutadiene
Concen: 38.589 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		562452		
223	63.0	51.8	77.6		
227	64.7	51.0	76.4		





#35

Caprolactam

Concen: 45.146 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

Tot Ion:113 Resp: 294597

Ion Ratio Lower Upper

113 100

55 163.0 149.1 189.1

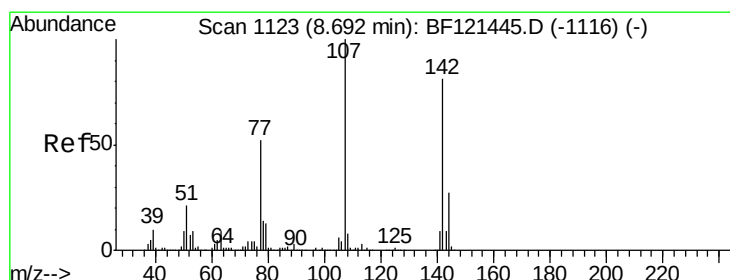
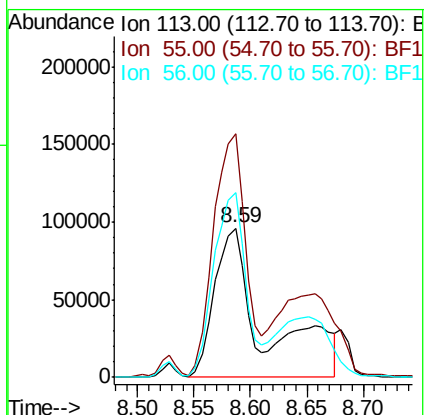
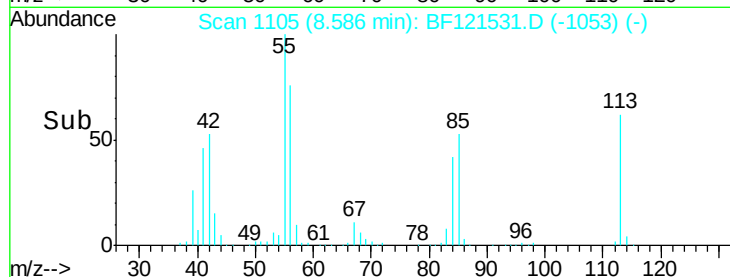
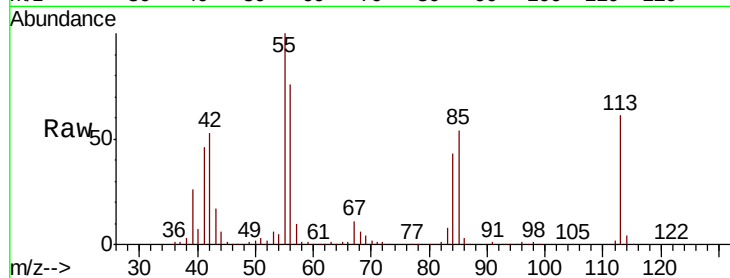
56 123.4 104.4 144.4

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#36

4-Chloro-3-methylphenol

Concen: 48.032 ng/mL

RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

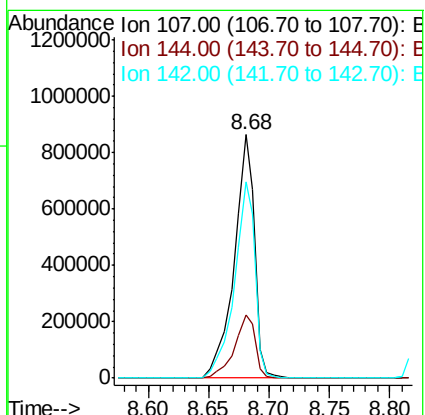
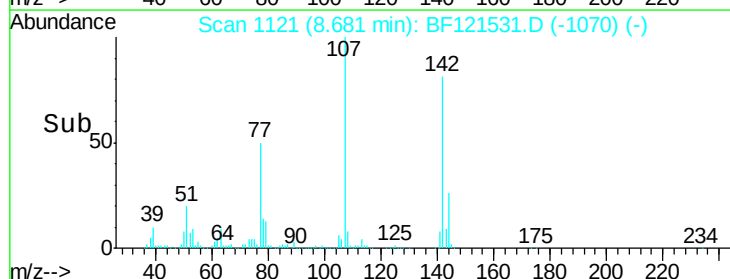
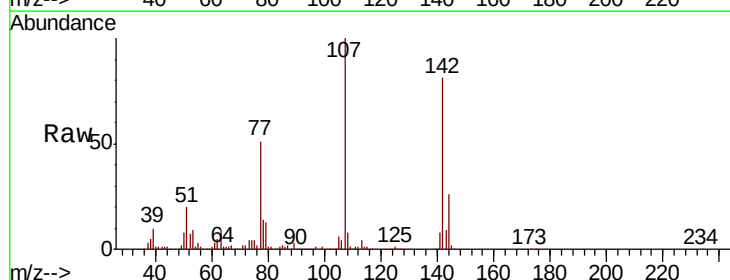
Tgt Ion:107 Resp: 1013225

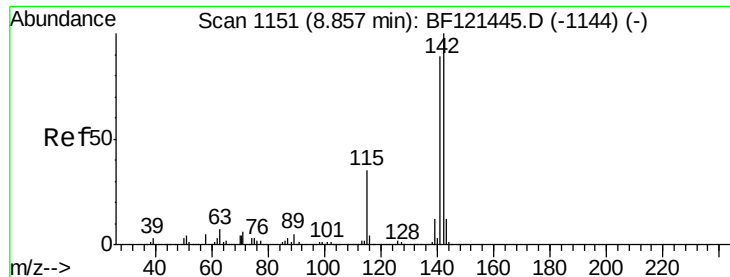
Ion Ratio Lower Upper

107 100

144 26.1 21.3 31.9

142 80.8 64.9 97.3





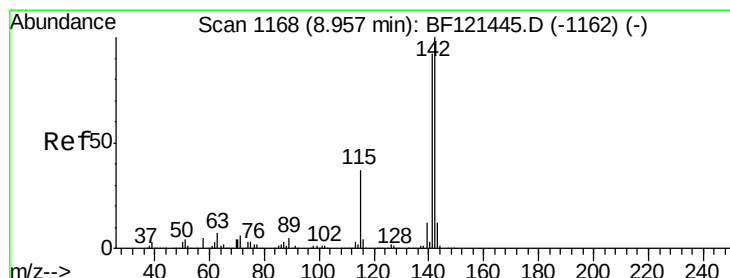
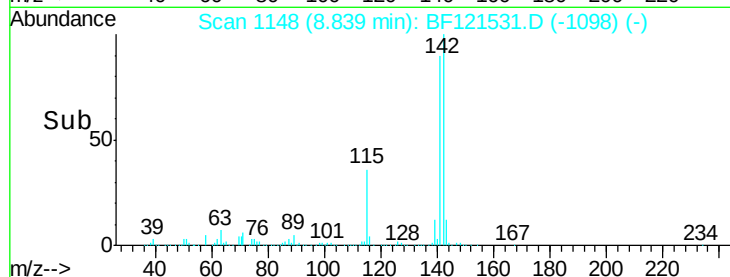
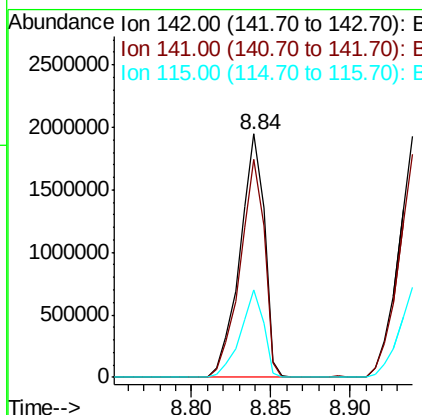
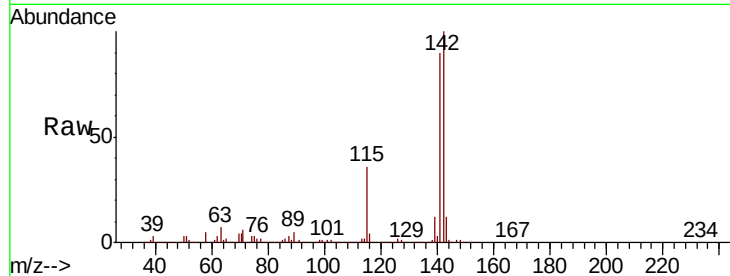
#37
2-Methylnaphthalene
Concen: 42.665 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
115	35.8	27.7	41.5

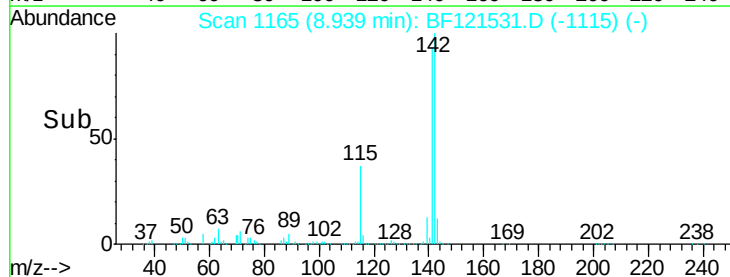
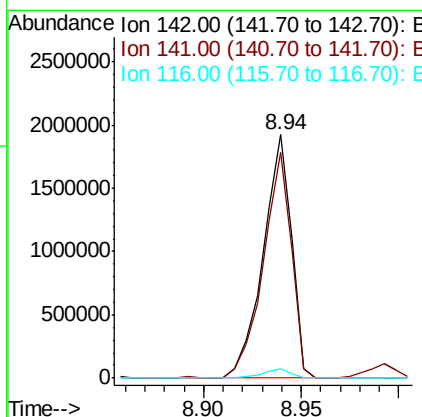
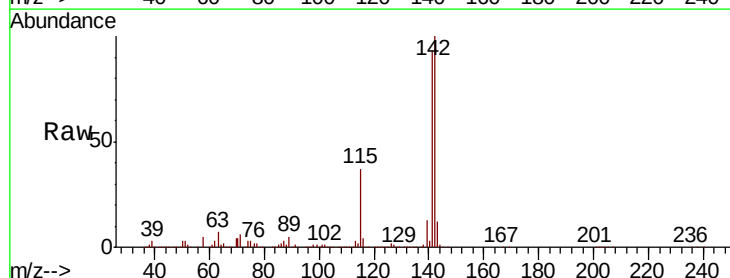
Manual Integrations
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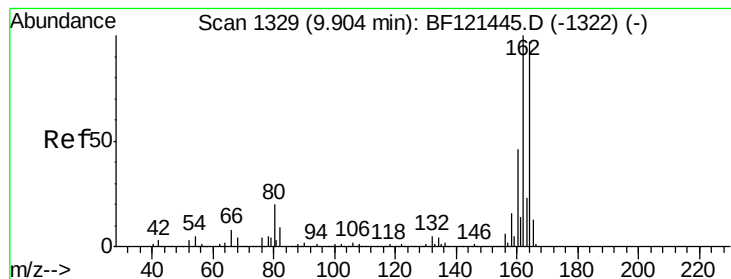
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#38
1-Methylnaphthalene
Concen: 41.913 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.7	110.5
116	3.9	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

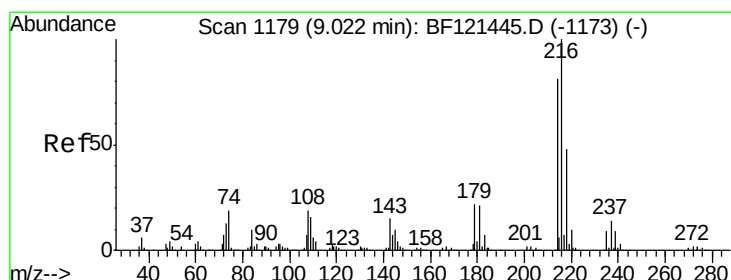
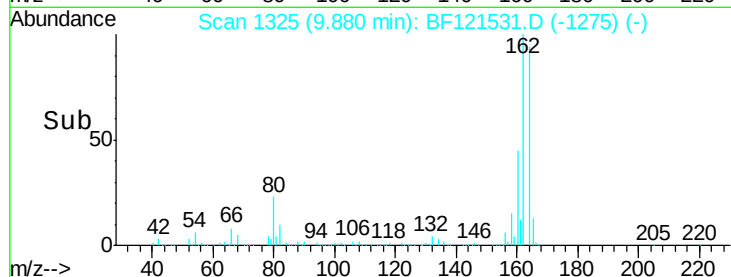
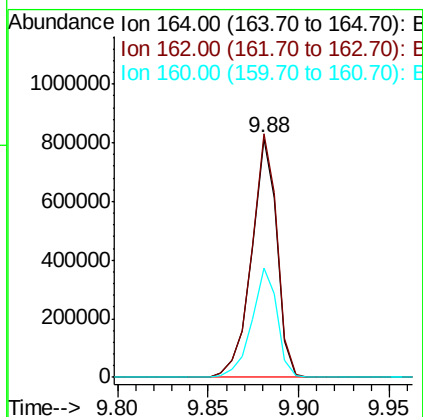
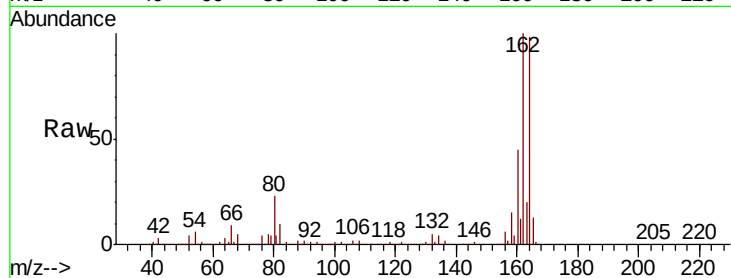
ClientSampleId :

CL-01-090320MSD

Tot Ion:	164	Resp:	788740
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.5	120.7
160	45.9	36.2	54.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.347 ng

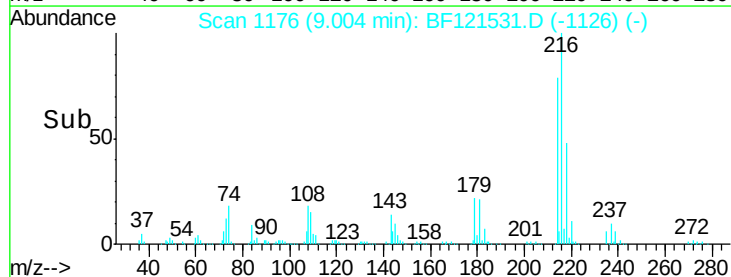
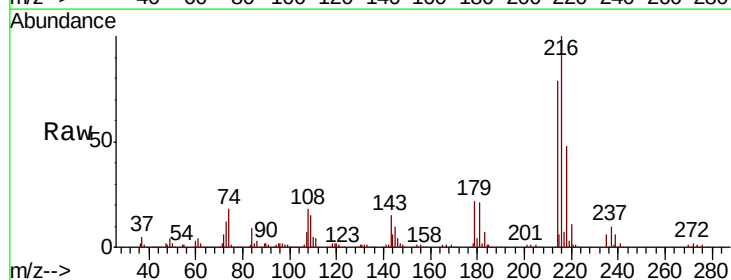
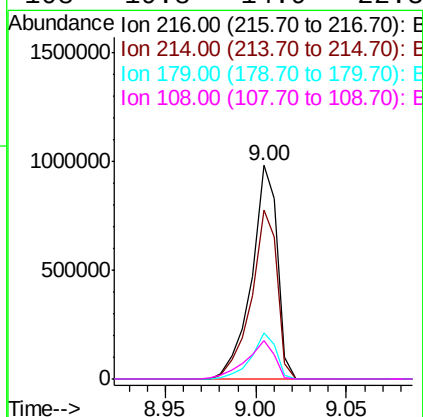
RT: 9.00 min Scan# 1176

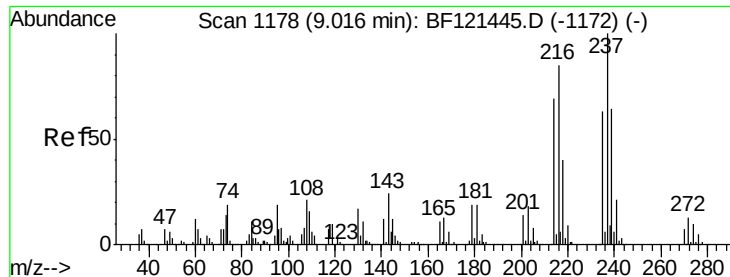
Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Tgt Ion:	216	Resp:	966725
Ion Ratio	Lower	Upper	
216	100		
214	79.4	64.3	96.5
179	21.0	16.9	25.3
108	19.8	14.9	22.3





#41

Hexachlorocyclopentadiene

Concen: 94.472 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

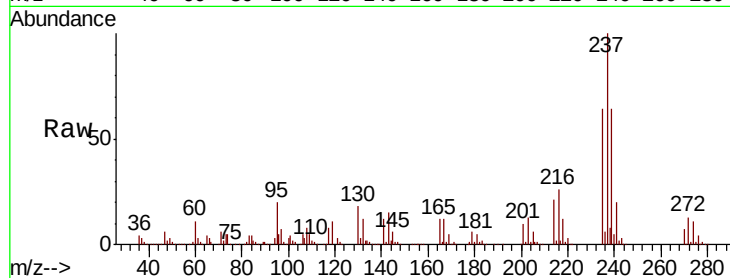
ClientSampleId :

CL-01-090320MSD

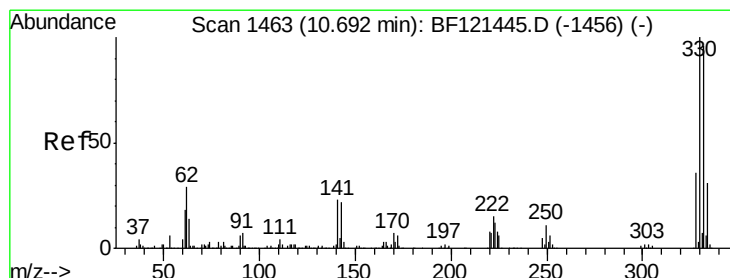
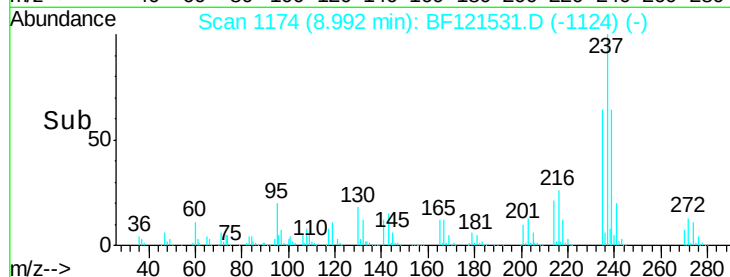
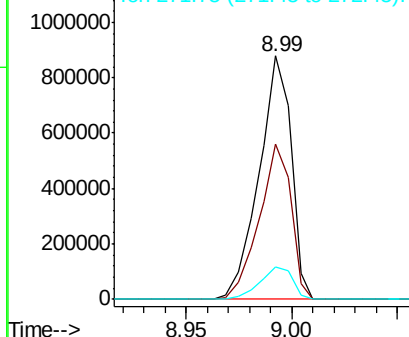
Tot Ion:	237	Resp:	928858
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.0	83.0
272	13.4	0.0	34.0

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



#42

2,4,6-Tribromophenol

Concen: 141.257 ng

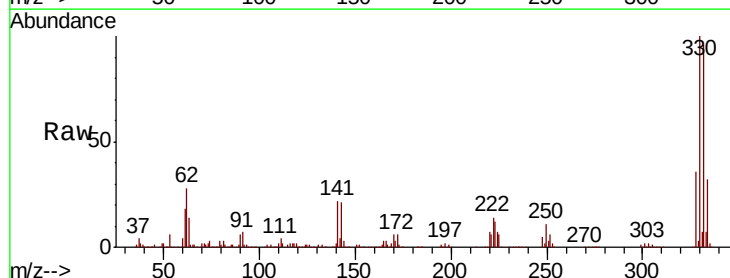
RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

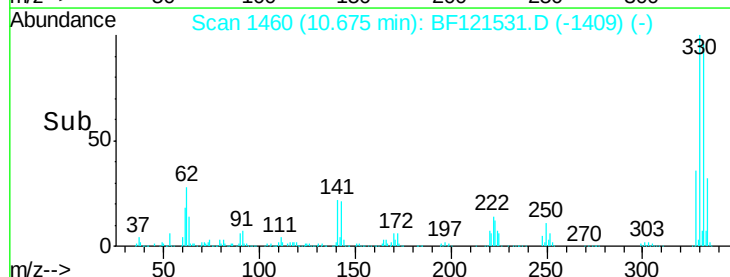
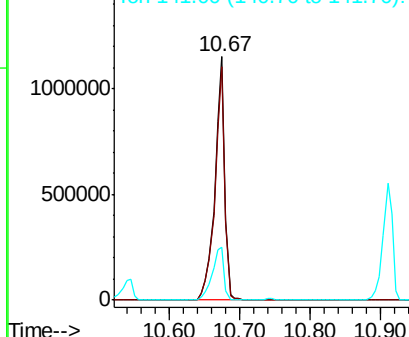
Lab File: BF121531.D

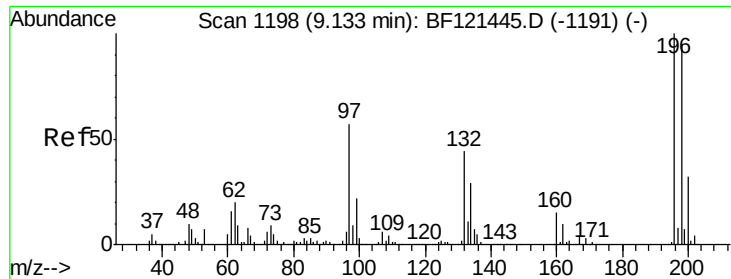
Acq: 8 Sep 2020 20:00

Tgt Ion:	330	Resp:	1125351
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.2	114.2
141	26.3	22.6	34.0



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





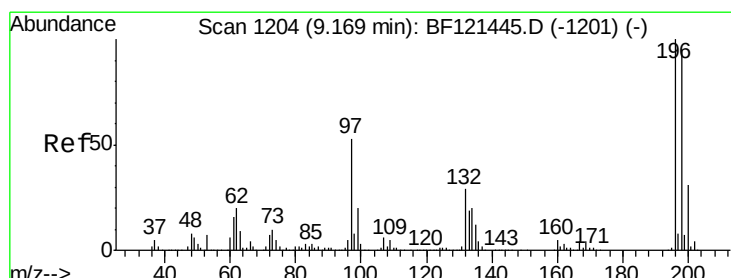
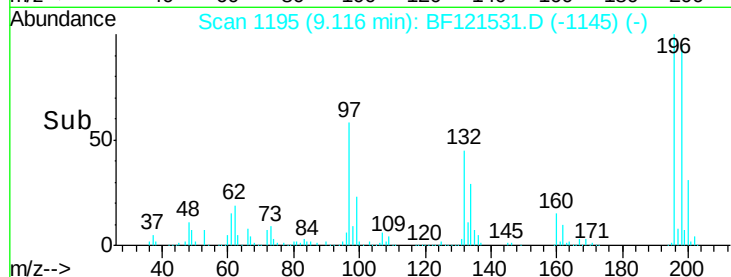
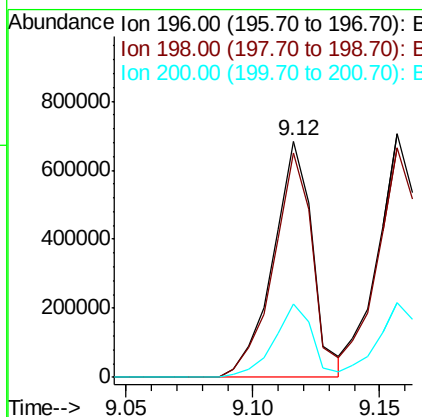
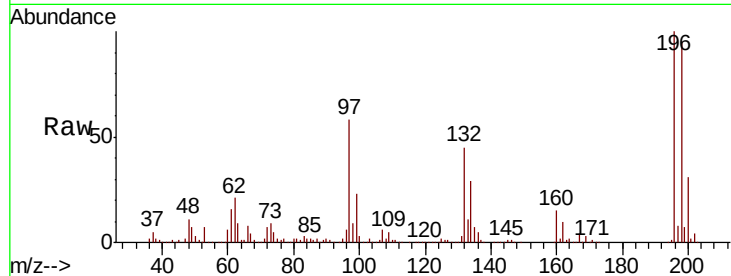
#43
 2,4,6-Trichlorophenol
 Concen: 49.778 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	735610		
198	94.9	77.1	115.7	
200	31.2	25.0	37.4	

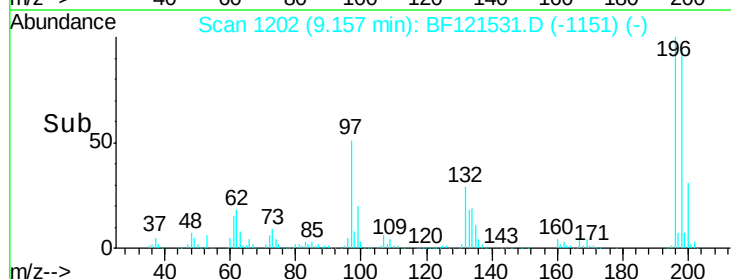
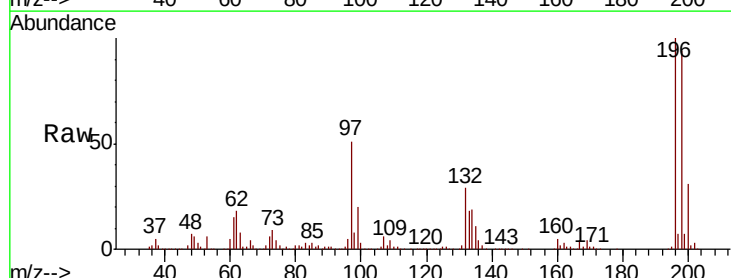
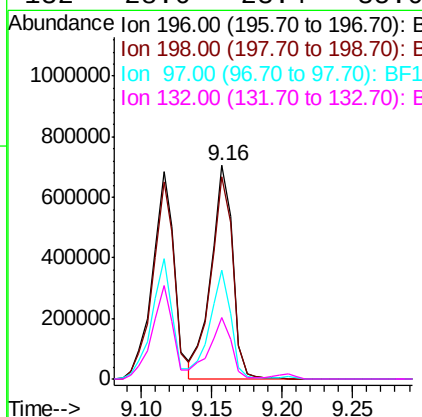
Manual Integrations
 APPROVED

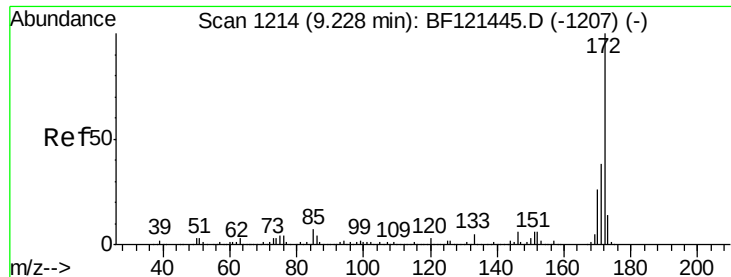
Sohil
 9/9/2020 3:49:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.617 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	754280		
198	94.4	75.5	113.3	
97	50.8	42.2	63.4	
132	28.6	23.4	35.0	





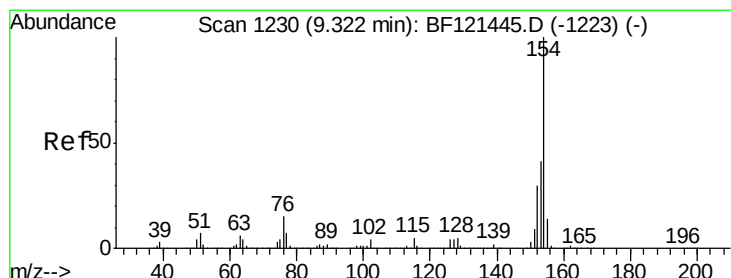
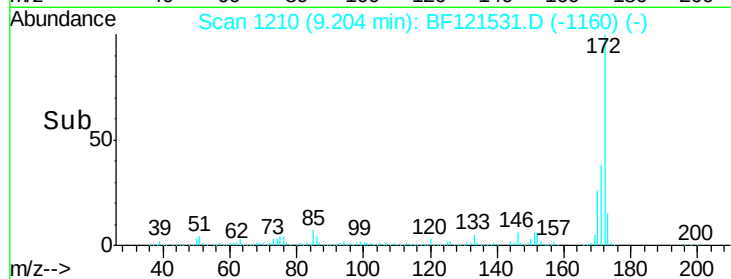
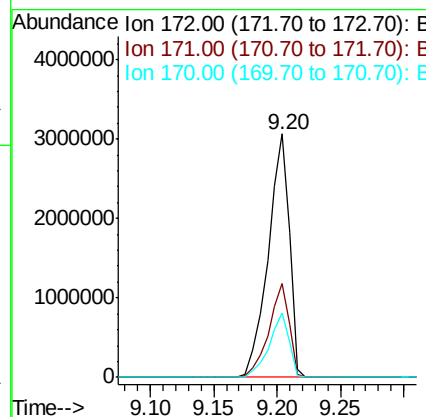
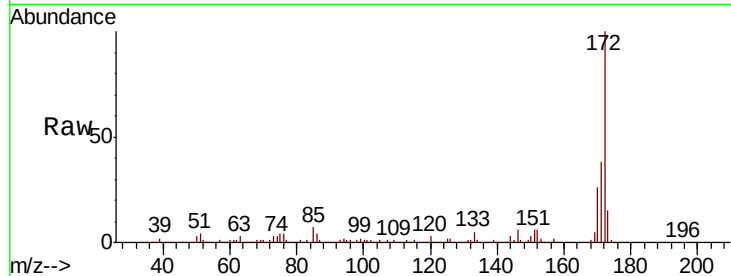
#45
2-Fluorobiphenyl
Concen: 72.537 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.4	45.6
170	26.3	20.7	31.1

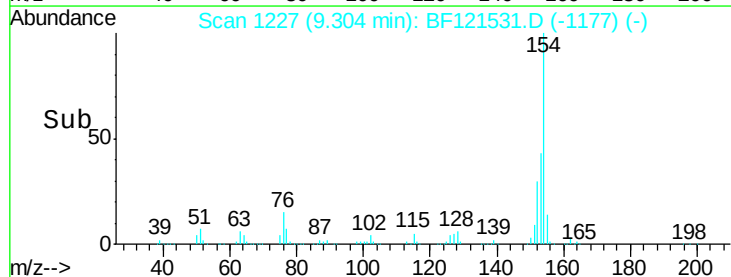
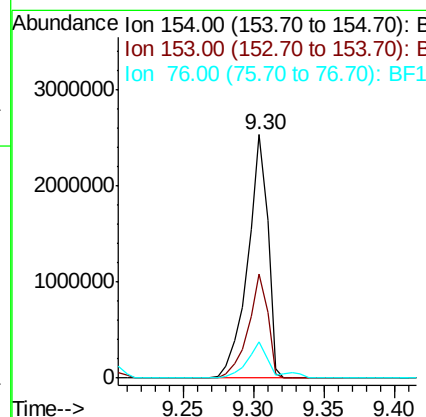
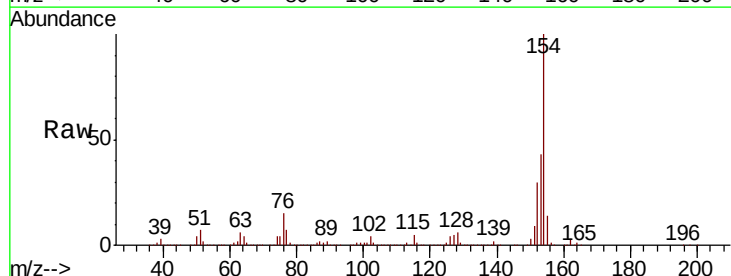
Manual Integrations
APPROVED

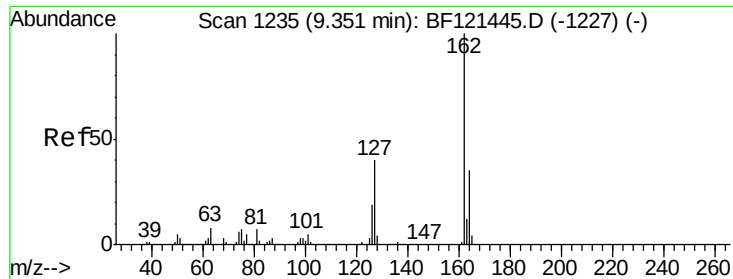
Sohil
9/9/2020 3:49:33 PM



#46
1,1'-Biphenyl
Concen: 41.981 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.1	62.1
76	14.8	0.0	33.5





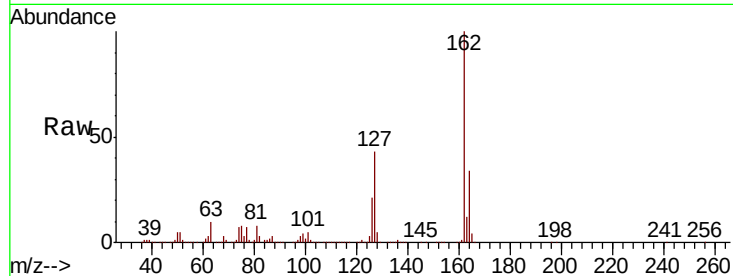
#47
2-Chloronaphthalene
Concen: 39.919 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	34.0	51.0
164	34.1	27.6	41.4

Manual Integrations
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Sohil
9/9/2020 3:49:33 PM

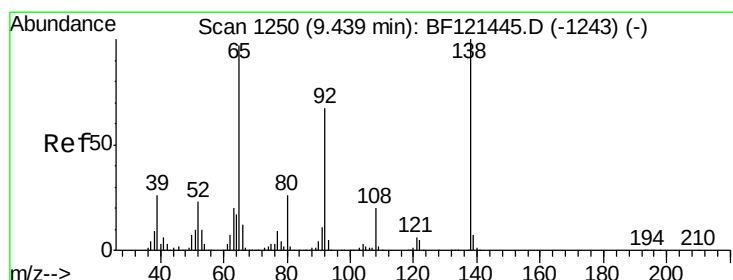
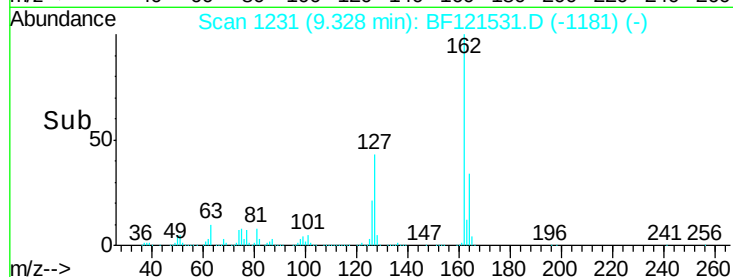
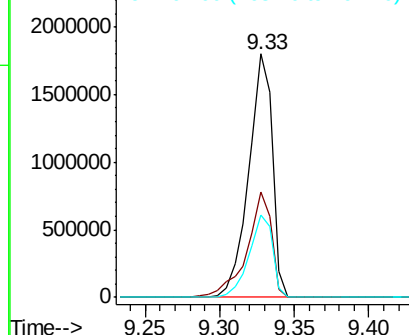


Abundance

Ion 162.00 (161.70 to 162.70): E

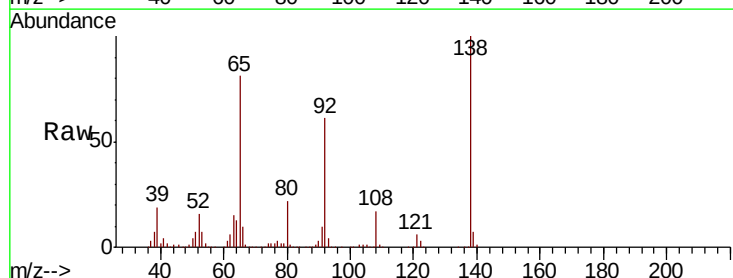
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.812 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	58.6	87.8
138	123.4	88.6	133.0

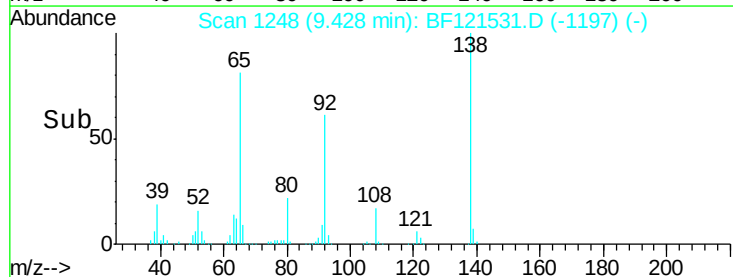
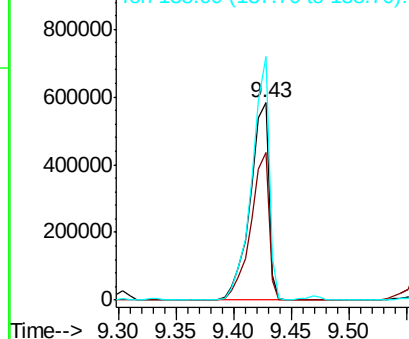


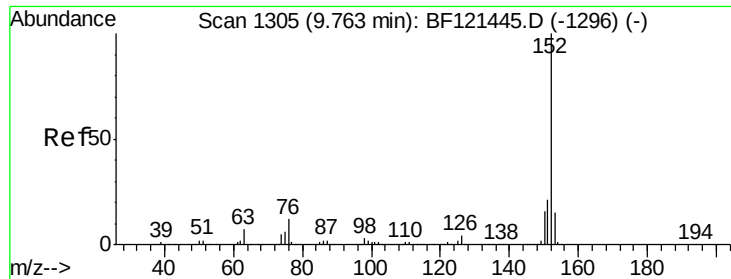
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.664 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

Tot Ion:152 Resp: 3130659

Ion Ratio Lower Upper

152 100

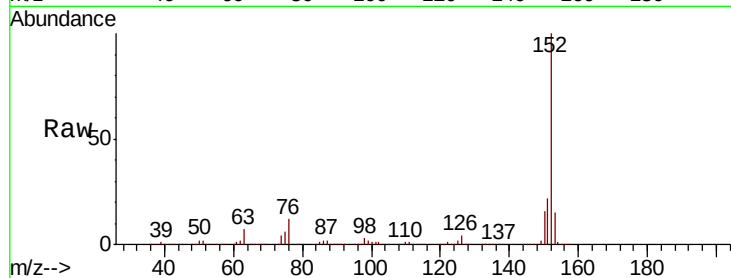
151 21.8 17.3 25.9

153 14.6 11.3 16.9

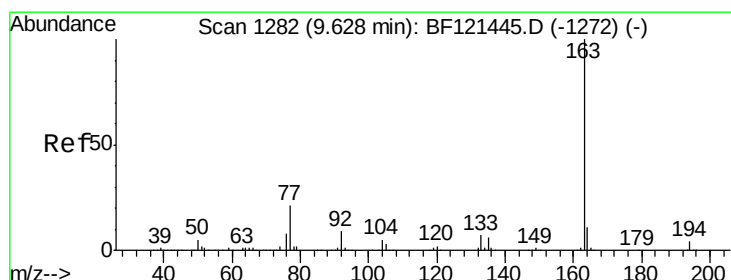
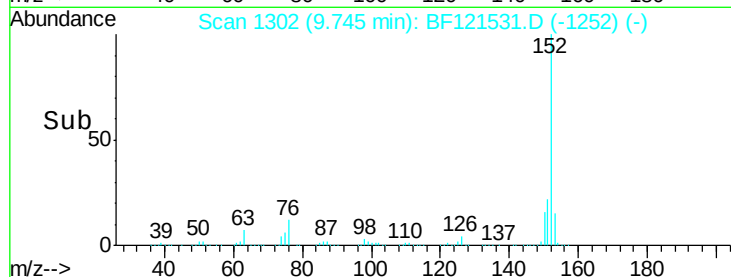
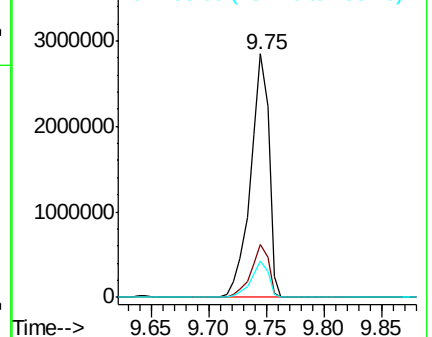
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.075 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

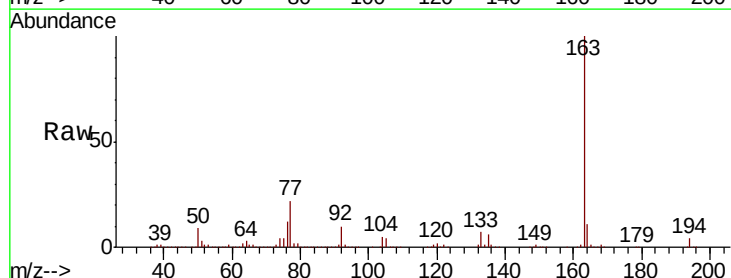
Tgt Ion:163 Resp: 2496292

Ion Ratio Lower Upper

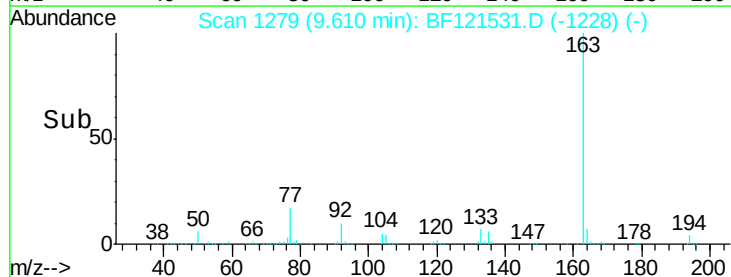
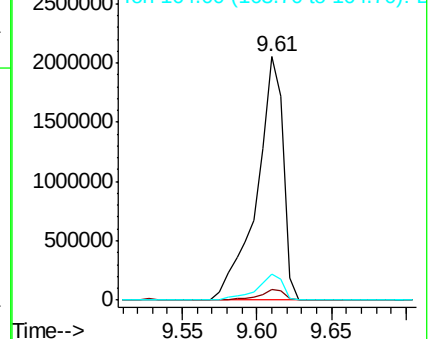
163 100

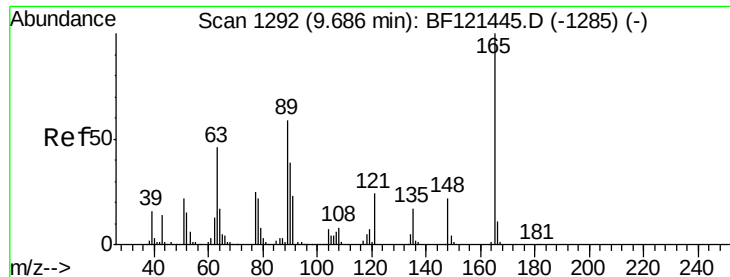
194 4.1 3.3 4.9

164 10.9 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: 55.074 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

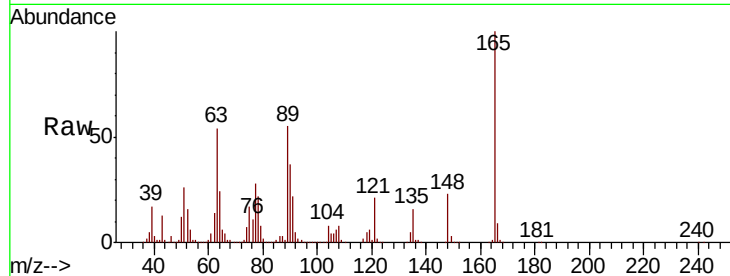
ClientSampleId :

CL-01-090320MSD

Tot Ion:	165	Resp:	570321
Ion Ratio	Lower	Upper	
165	100		
63	53.6	47.4	71.0
89	55.3	47.9	71.9

Manual Integrations
APPROVED

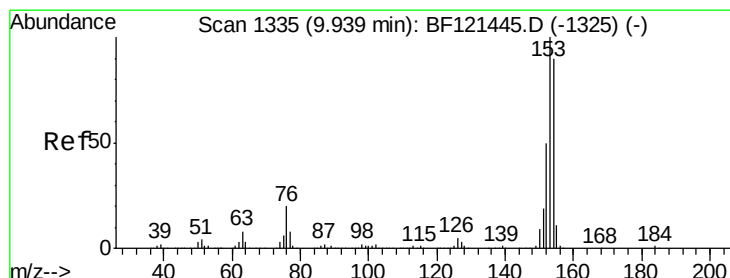
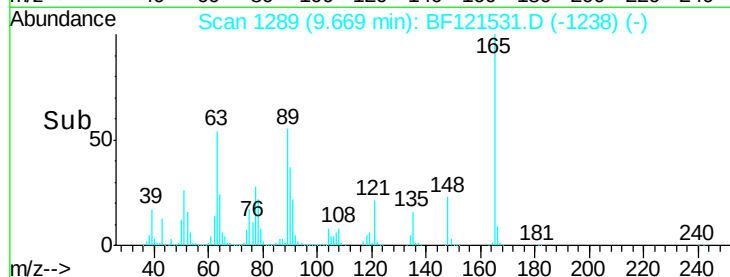
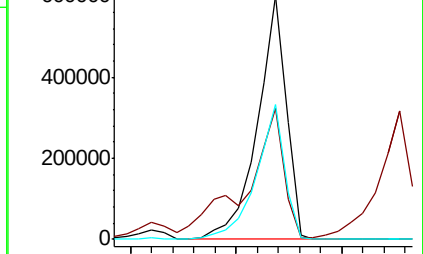
Sohil
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 46.071 ng m

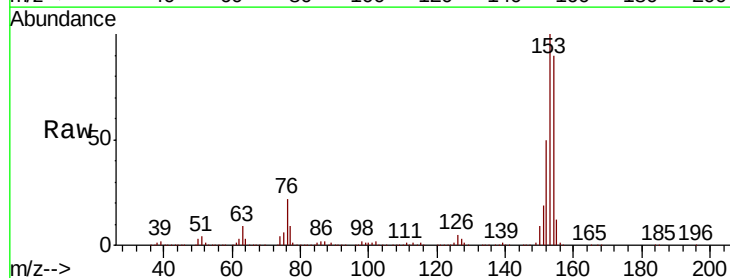
RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

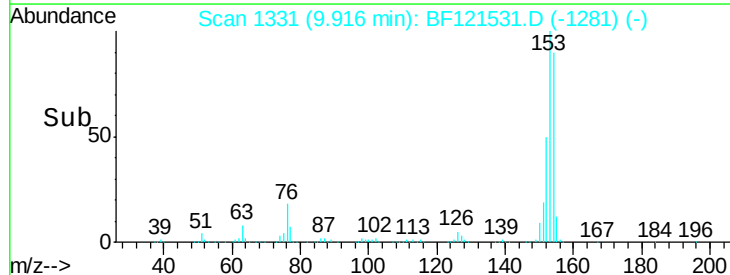
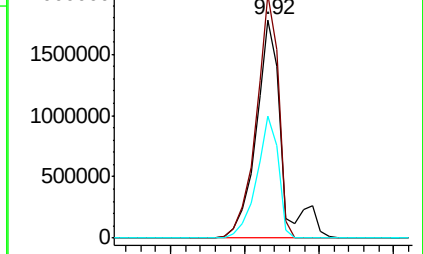
Tgt Ion:	154	Resp:	2134682
Ion Ratio	Lower	Upper	
154	100		
153	111.5	89.9	134.9
152	56.0	44.6	66.8

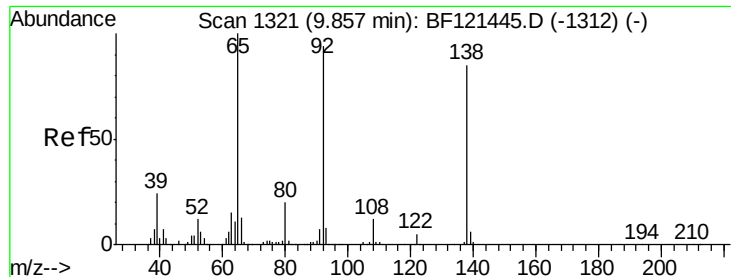


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





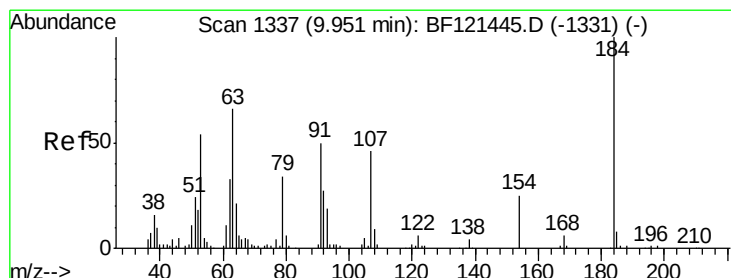
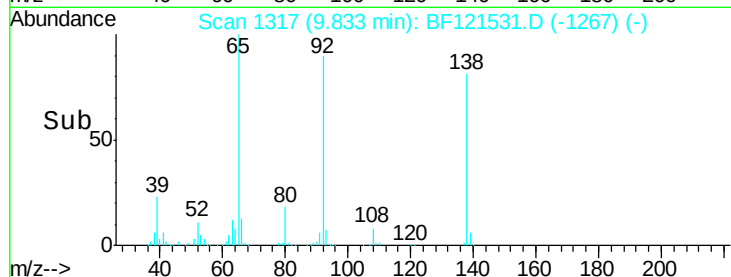
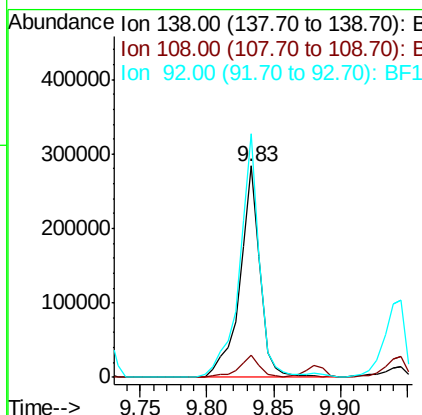
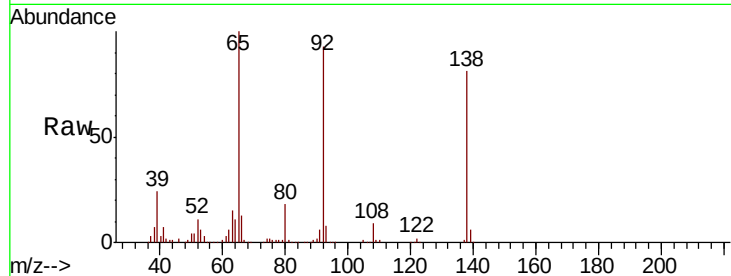
#53
3-Nitroaniline
Concen: 25.881 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.7	13.1
92	115.1	91.1	136.7

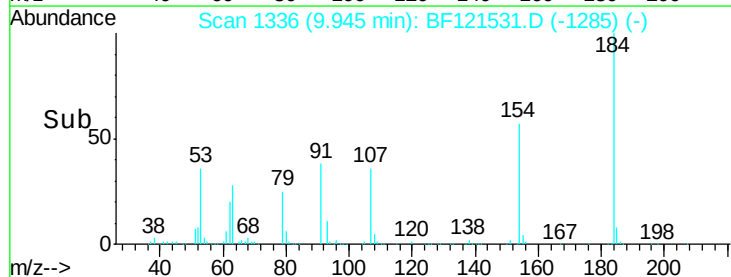
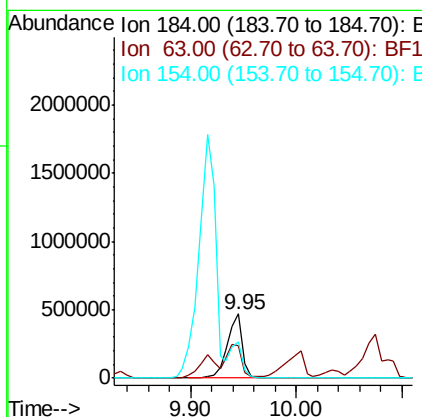
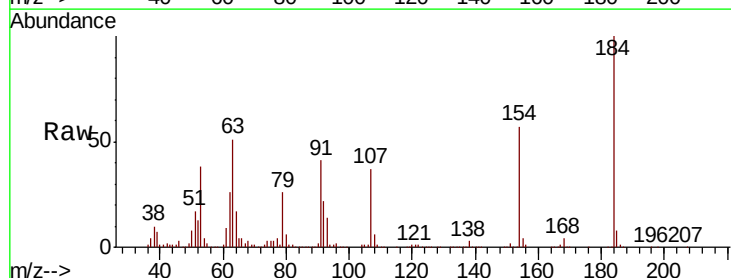
Manual Integrations
APPROVED

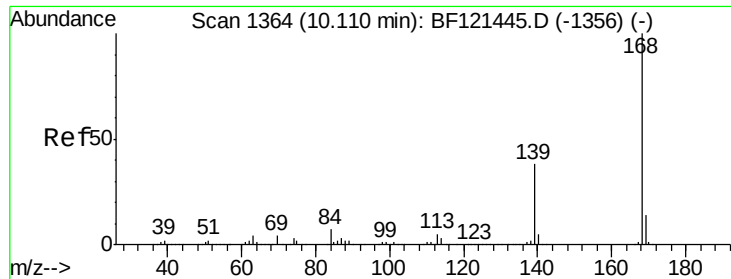
Sohil
9/9/2020 3:49:33 PM



#54
2,4-Dinitrophenol
Concen: 89.060 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.5	41.8	62.8
154	56.7	45.5	68.3





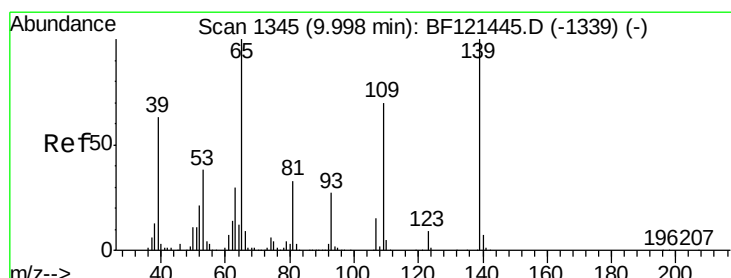
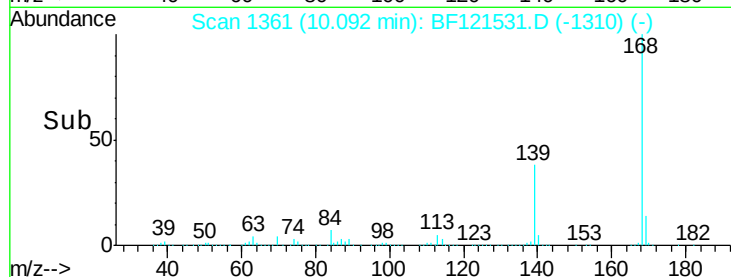
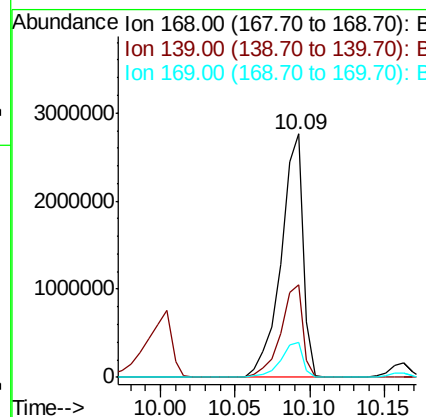
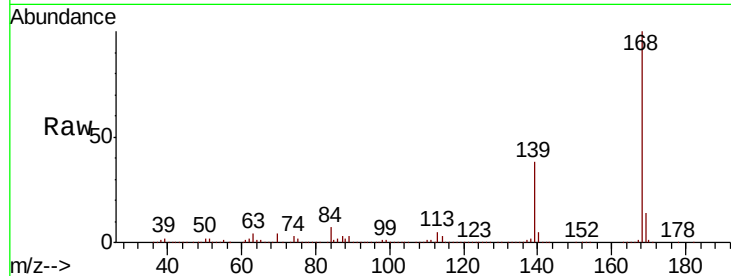
#55
Dibenzenofuran
Concen: 42.507 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.4	45.6
169	14.4	11.5	17.3

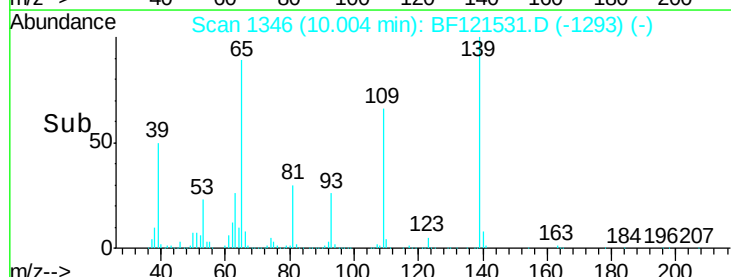
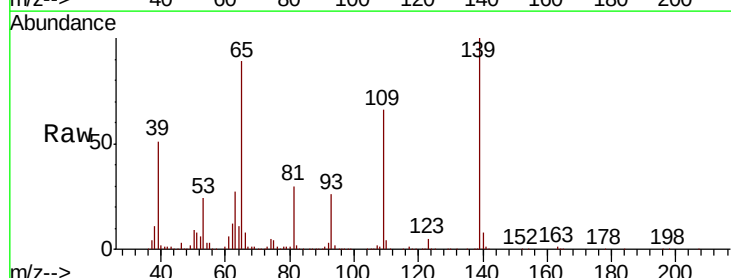
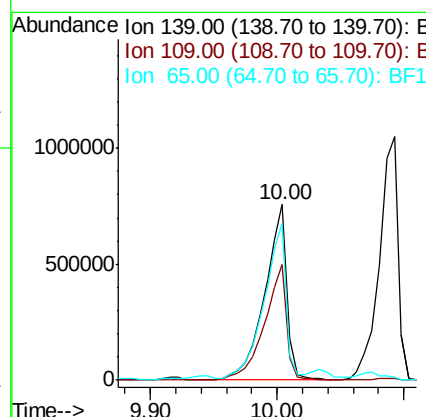
Manual Integrations
APPROVED

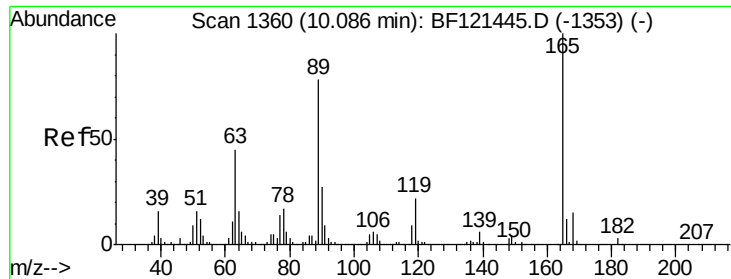
Sohil
9/9/2020 3:49:33 PM



#56
4-Nitrophenol
Concen: 86.872 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	44.3	84.3
65	89.1	70.2	110.2





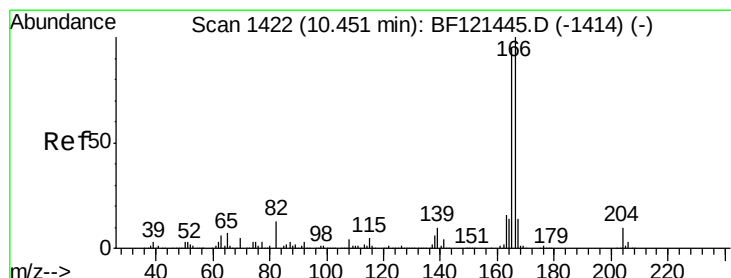
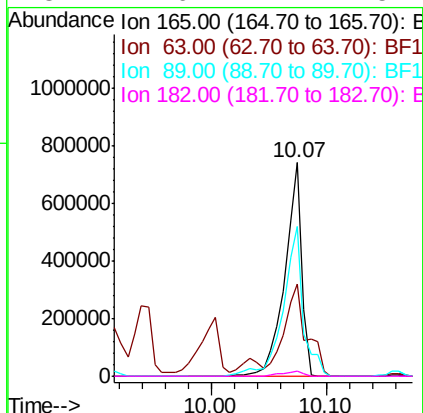
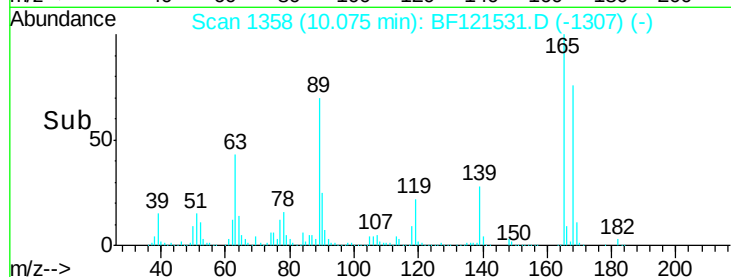
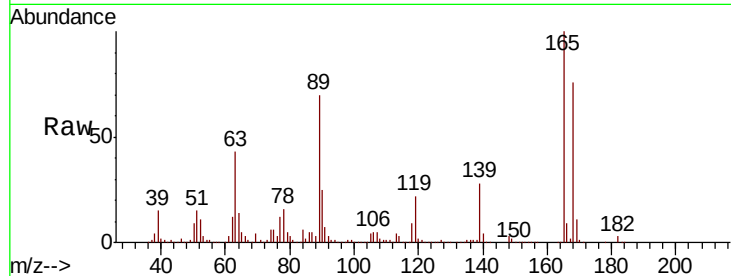
#57
2,4-Dinitrotoluene
Concen: 58.440 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.2	33.6	50.4
89	69.9	56.4	84.6
182	2.6	2.2	3.4

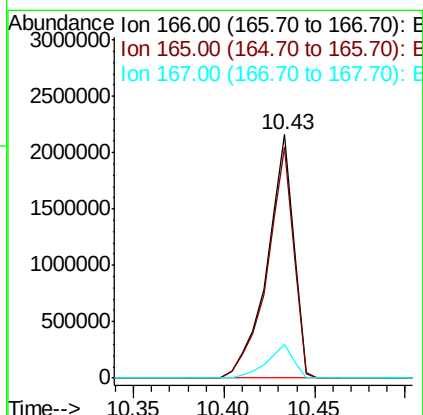
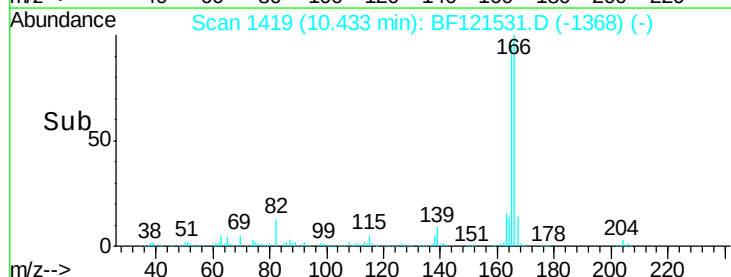
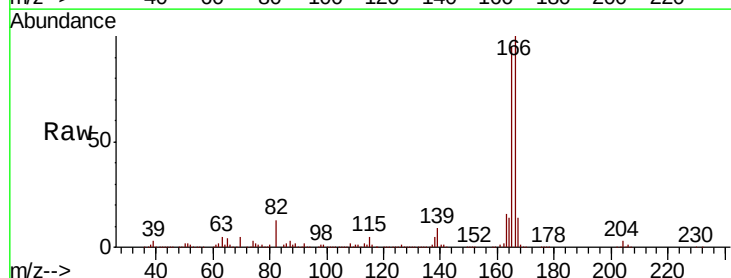
Manual Integrations
APPROVED

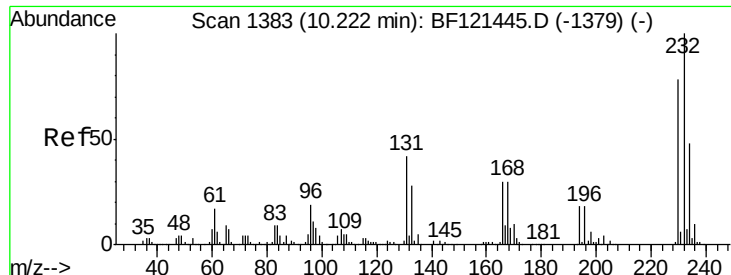
Sohil
9/9/2020 3:49:33 PM



#58
Fluorene
Concen: 43.025 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.9	75.3	112.9
167	14.0	11.1	16.7





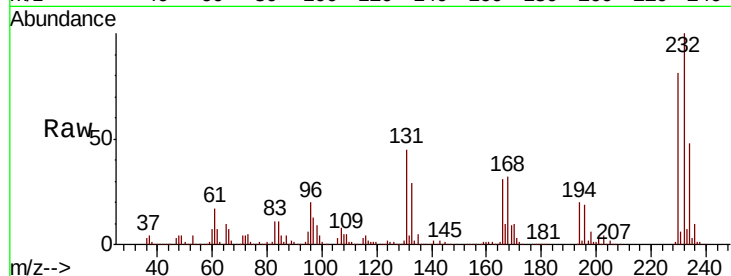
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.625 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

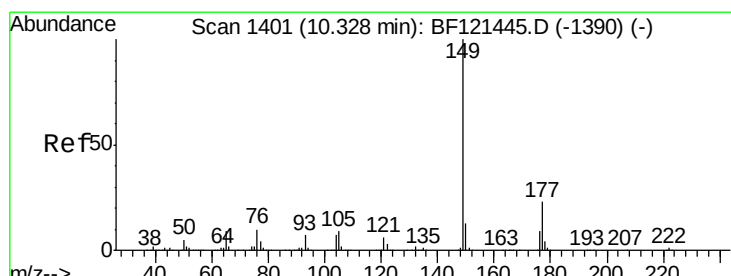
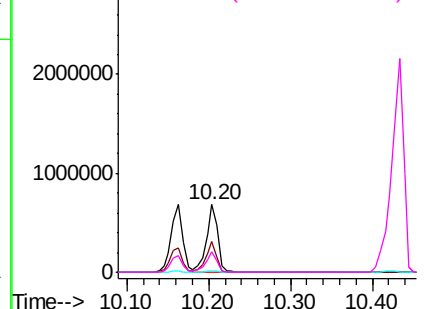
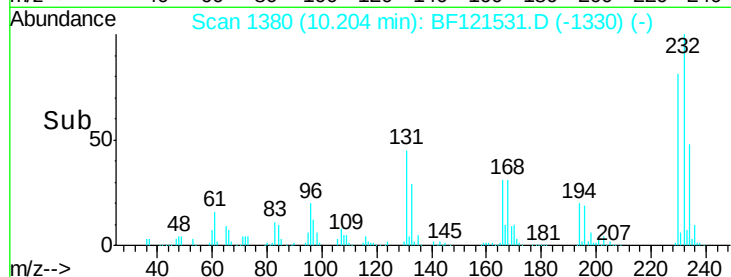
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.4	51.6
130	2.1	1.8	2.6
166	29.1	23.8	35.6

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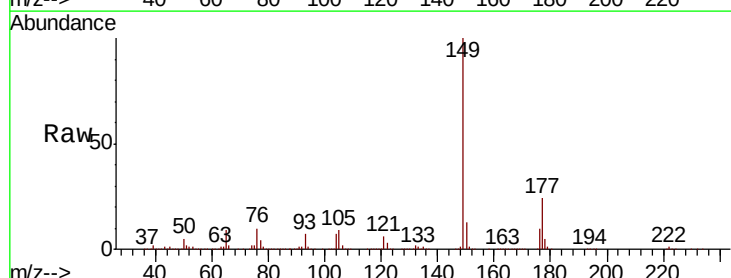


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

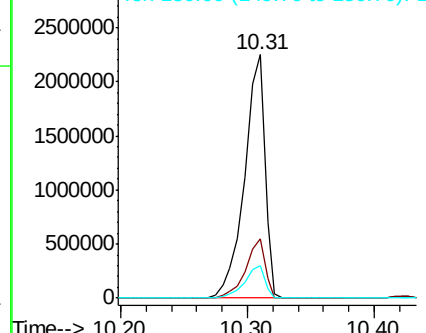
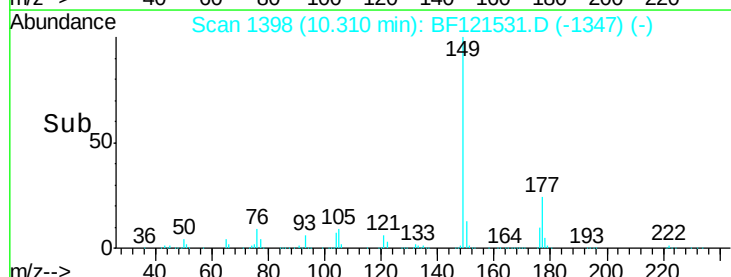


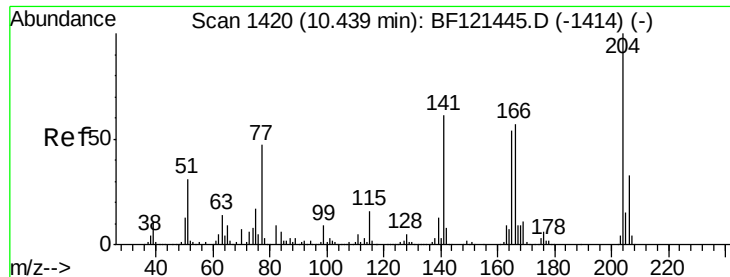
#60
 Diethylphthalate
 Concen: 45.820 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.0	28.4
150	13.3	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





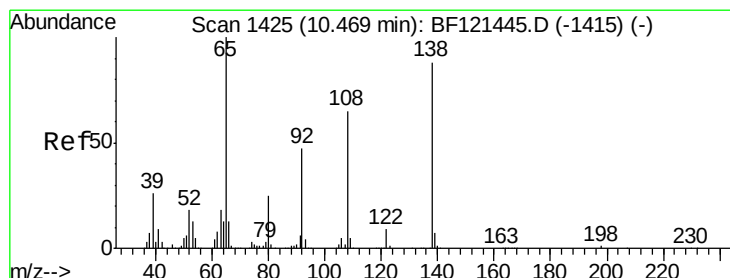
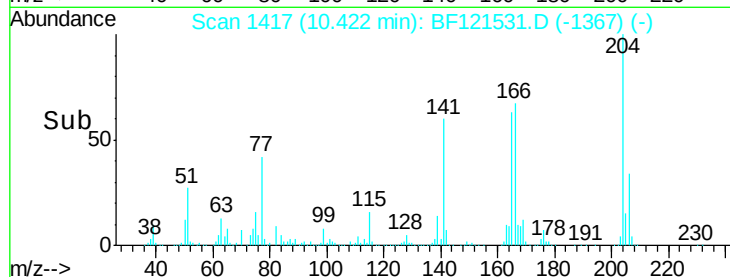
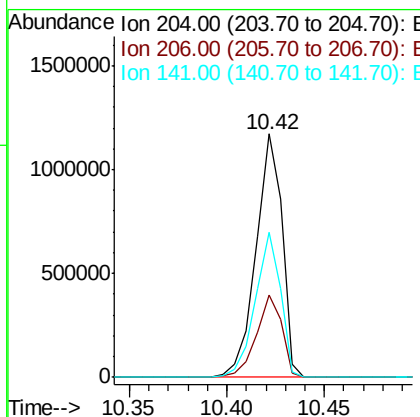
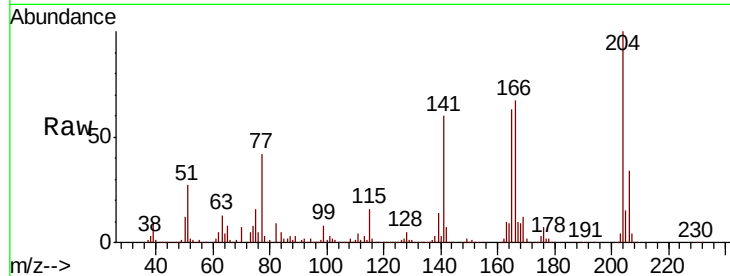
#61
4-Chlorophenyl-phenylether
Concen: 42.796 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.6	40.0
141	59.6	44.4	66.6

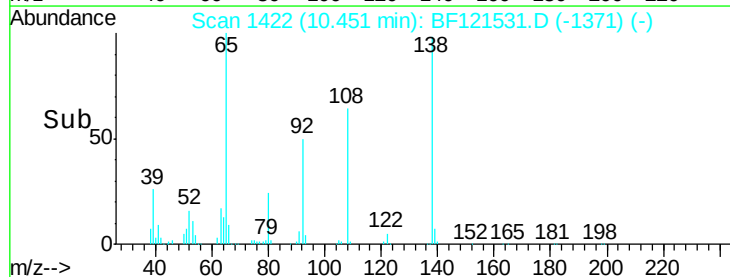
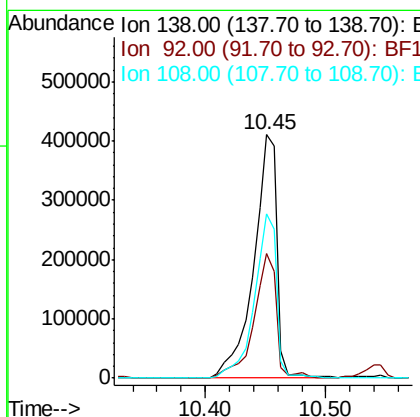
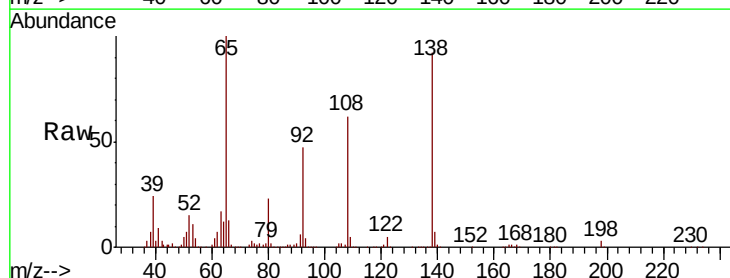
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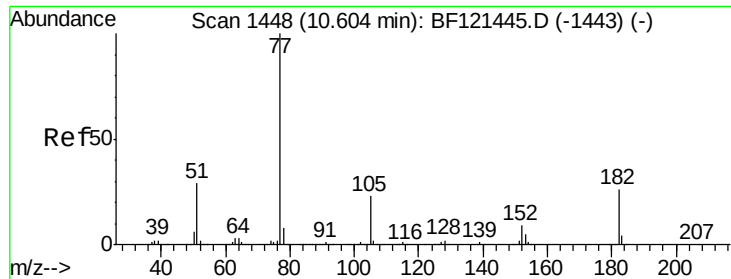
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#62
4-Nitroaniline
Concen: 42.271 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	32.2	72.2
108	67.6	49.1	89.1





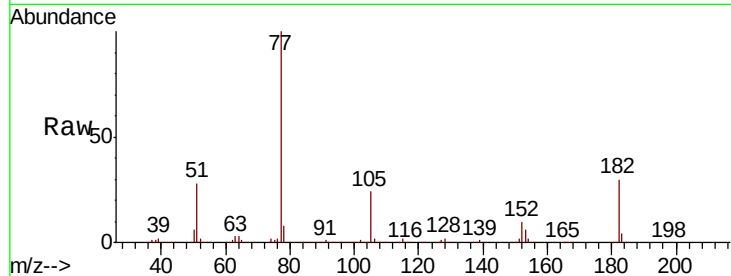
#63
Azobenzene
Concen: 43.580 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

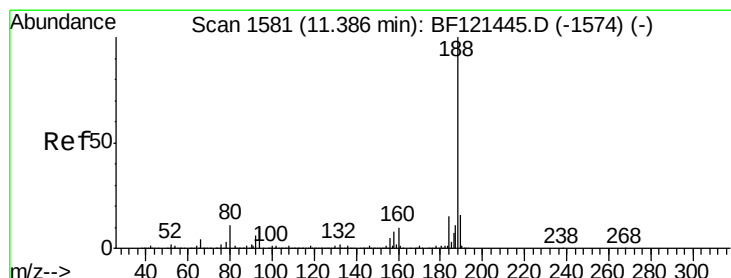
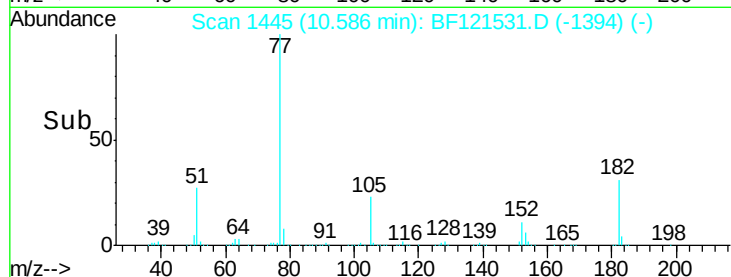
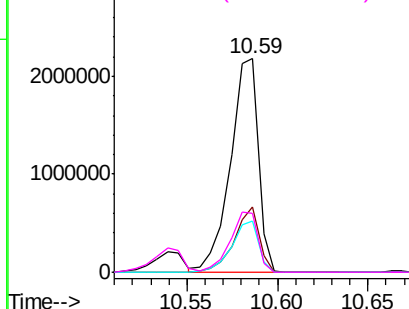
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.4	6.8	46.8	
105	24.2	3.0	43.0	
51	27.5	8.3	48.3	

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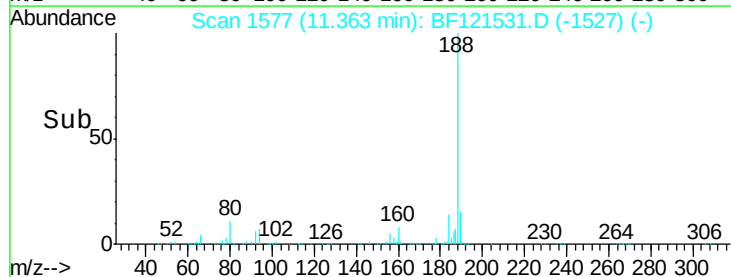
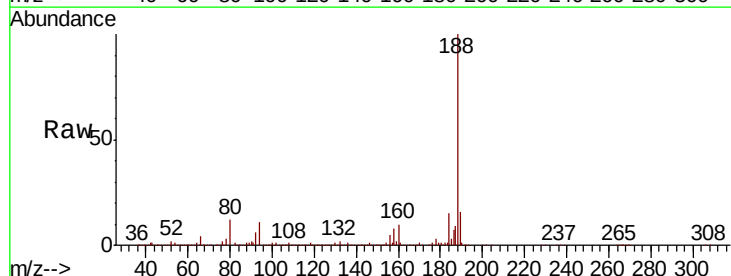
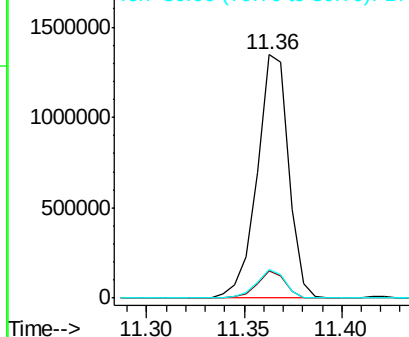
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

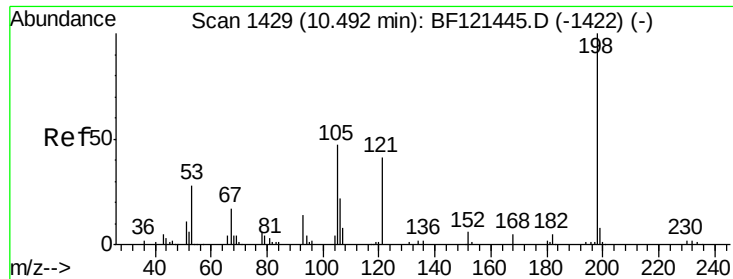


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.1	8.8	13.2	
80	11.7	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





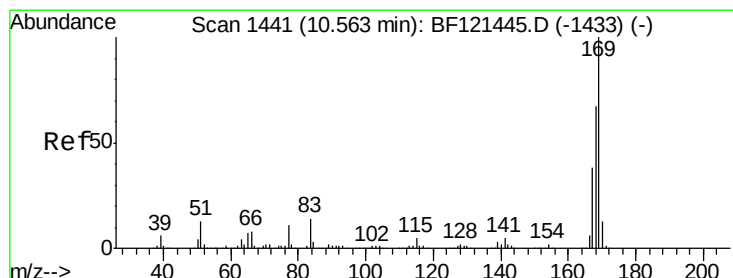
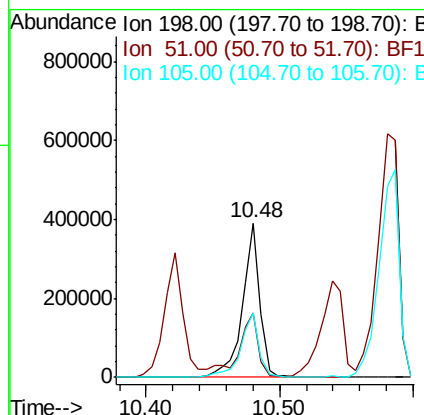
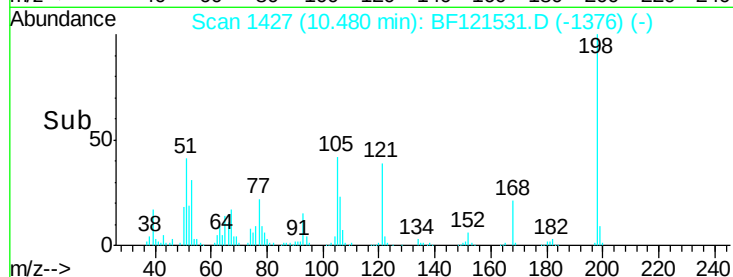
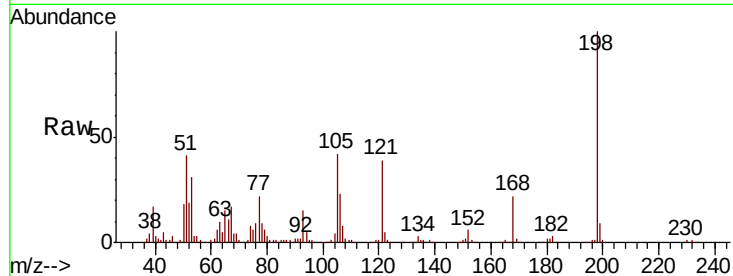
#65
 4,6-Dinitro-2-methylphenol
 Concen: 65.510 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion:	198	Resp:	353033
Ion Ratio	Lower	Upper	
198	100		
51	41.5	24.9	64.9
105	41.8	25.8	65.8

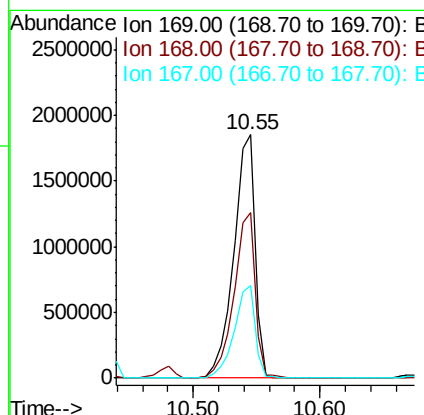
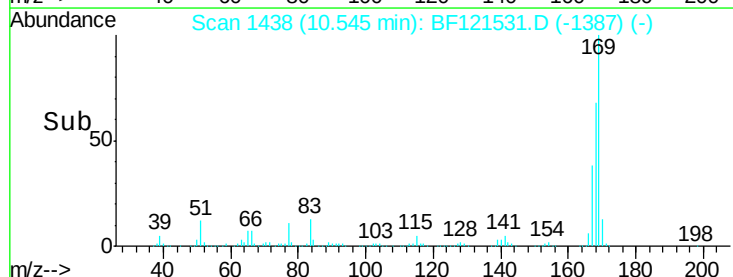
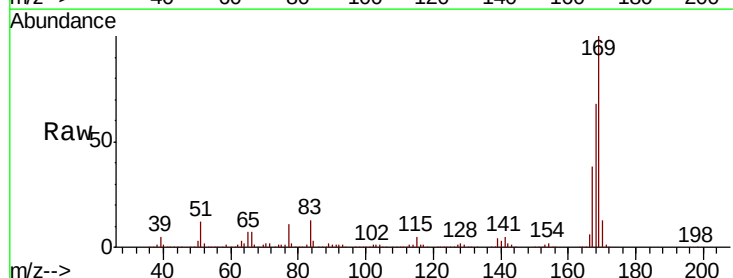
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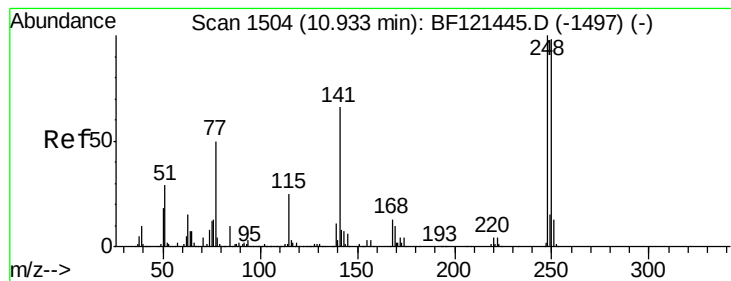
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 44.685 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:	169	Resp:	2123084
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.8	80.8
167	37.9	29.8	44.8





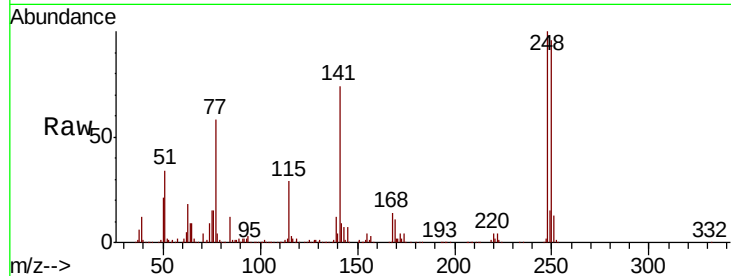
#67
4-Bromophenyl-phenylether
Concen: 45.380 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.8	116.6
141	73.8	56.4	84.6

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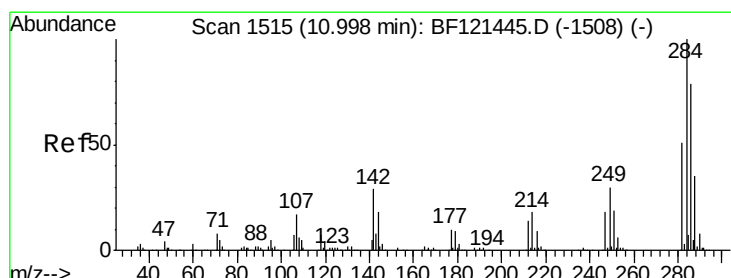
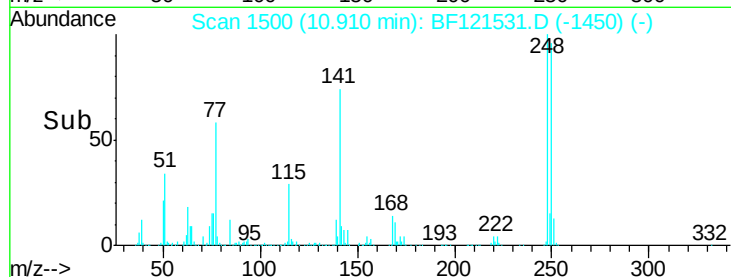
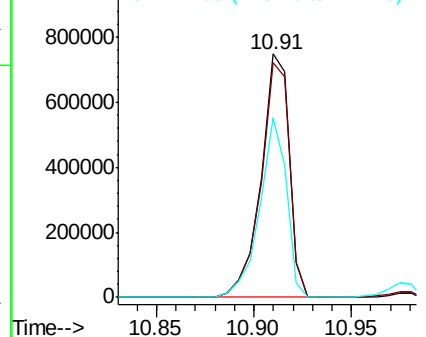


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.068 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

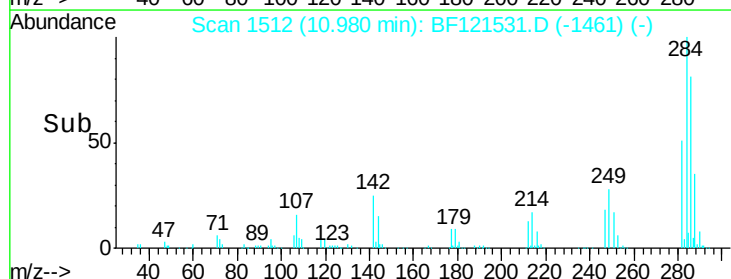
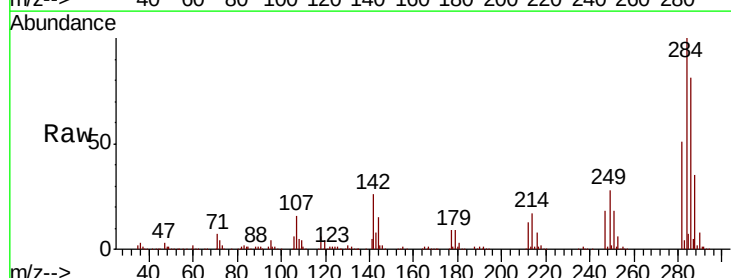
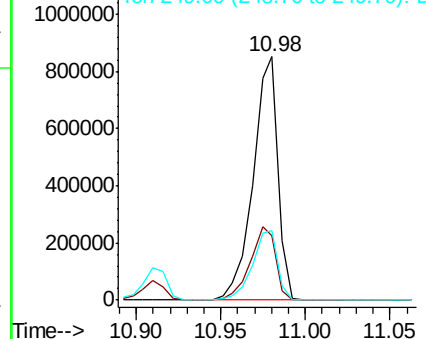
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	26.1	39.1
249	28.3	24.2	36.4

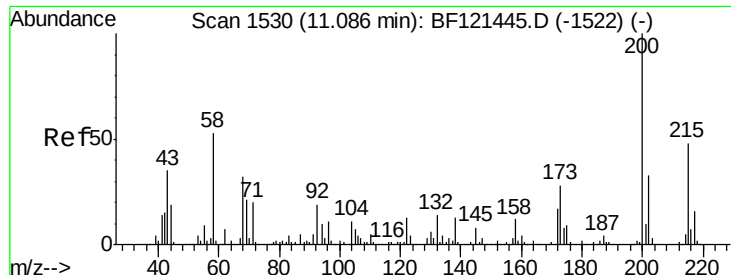
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





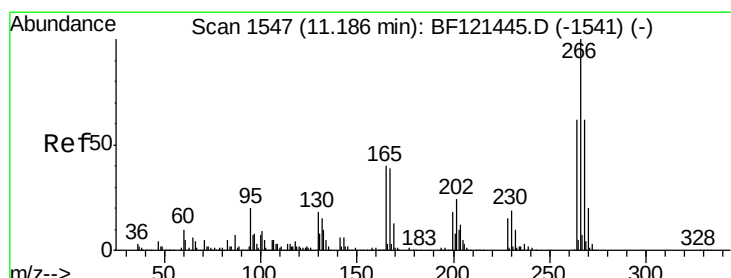
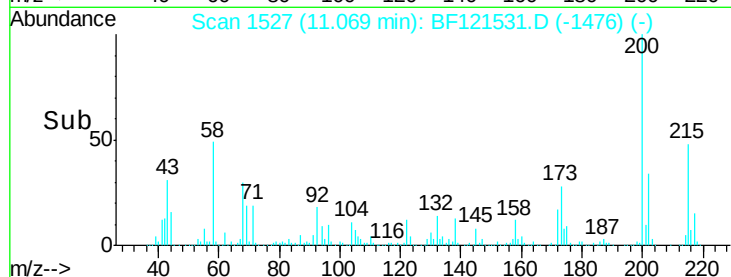
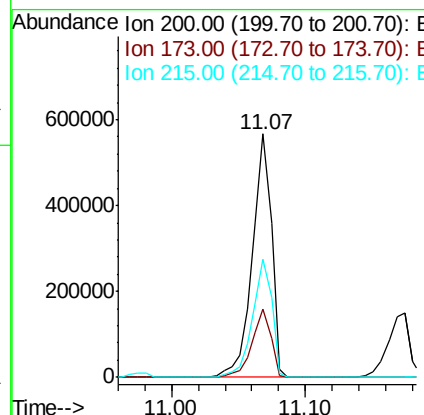
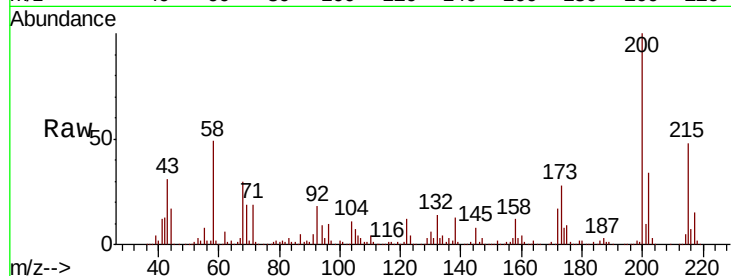
#69
 Atrazine
 Concen: 40.205 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.3	8.0	48.0
215	48.4	28.1	68.1

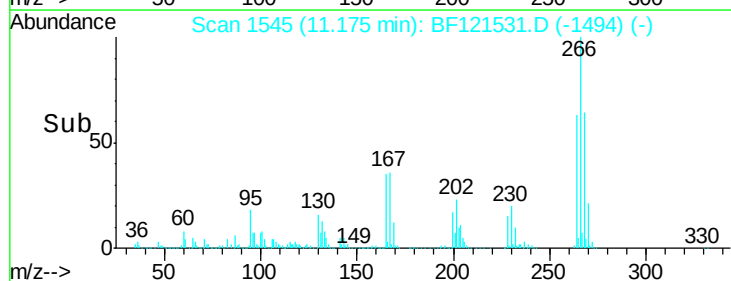
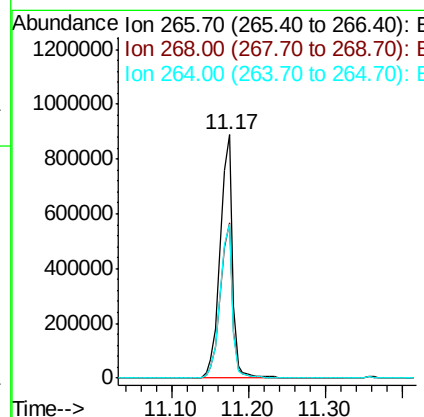
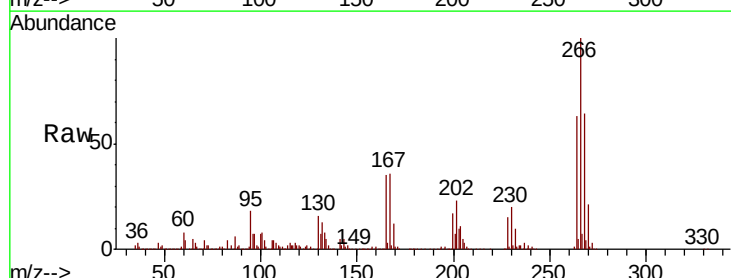
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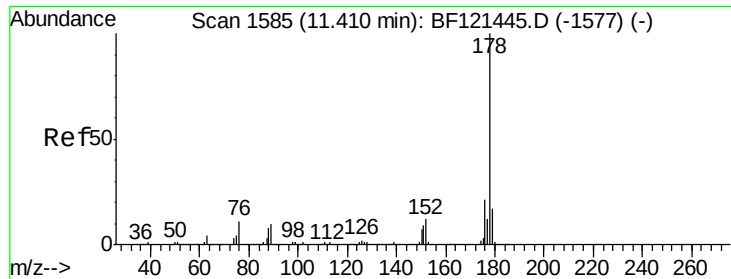
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#70
 Pentachlorophenol
 Concen: 110.406 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	51.1	76.7
264	63.0	50.1	75.1





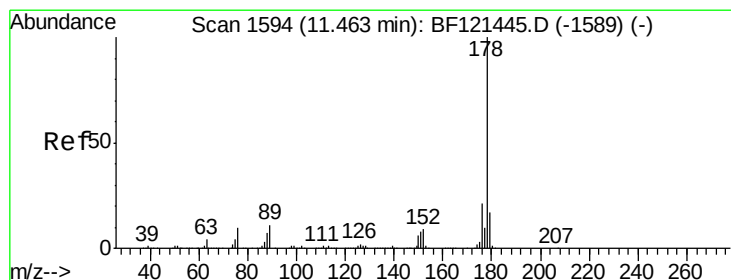
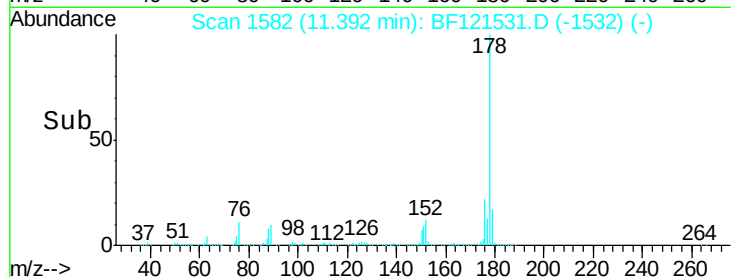
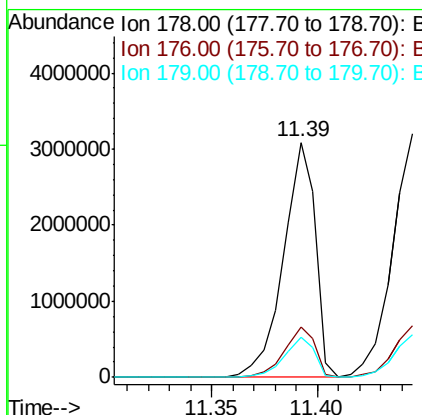
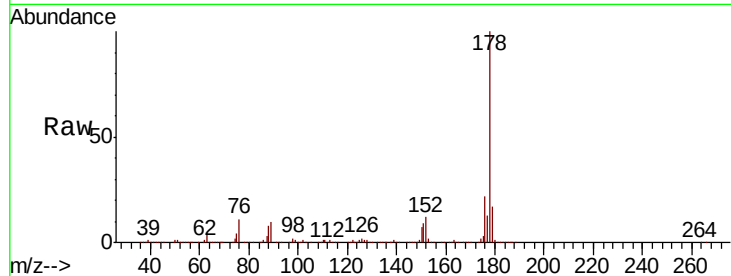
#71
Phenanthrene
Concen: 42.242 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion:178 Resp: 3256491
Ion Ratio Lower Upper
178 100
176 21.6 17.0 25.4
179 17.1 13.2 19.8

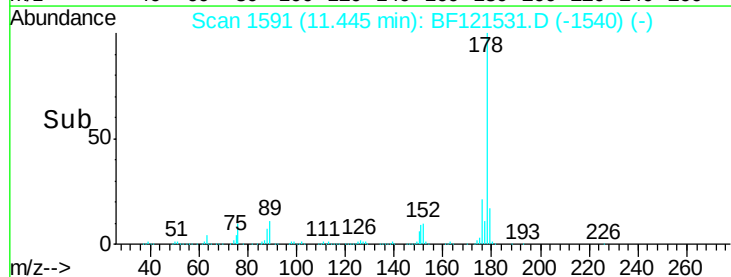
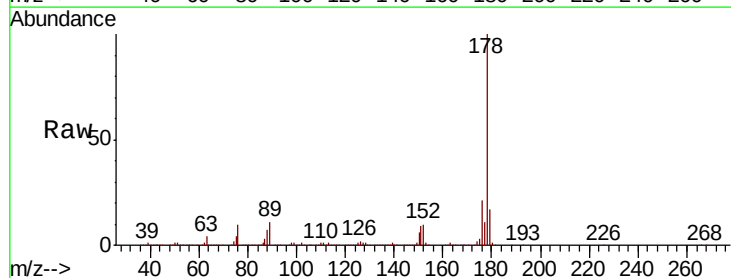
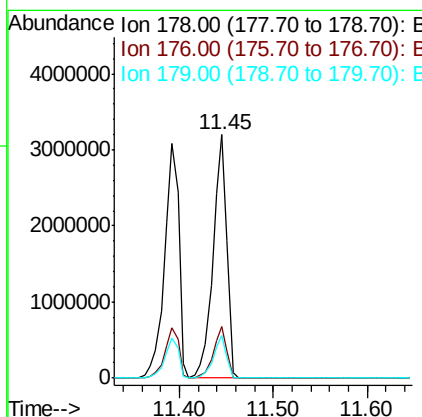
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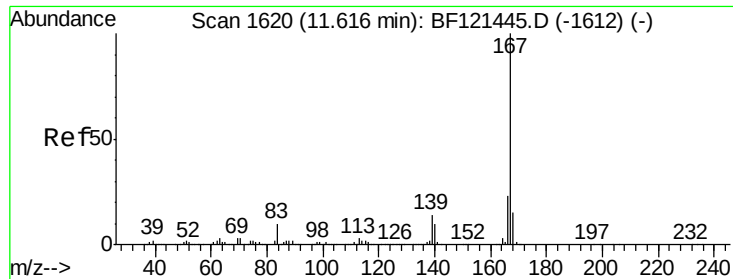
Sohil
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#72
Anthracene
Concen: 43.852 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion:178 Resp: 3324942
Ion Ratio Lower Upper
178 100
176 21.4 16.2 24.2
179 17.3 13.4 20.0





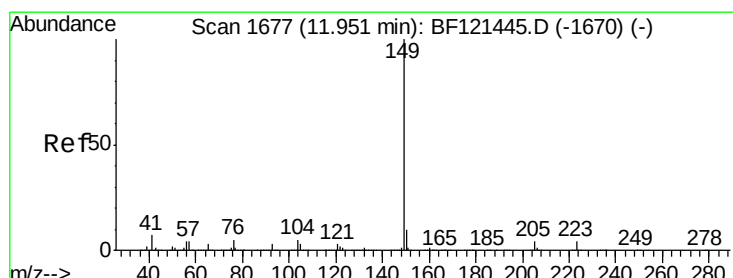
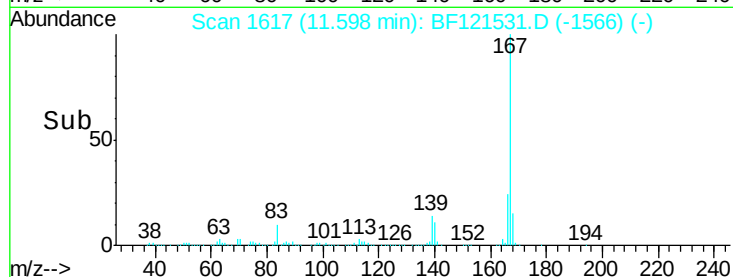
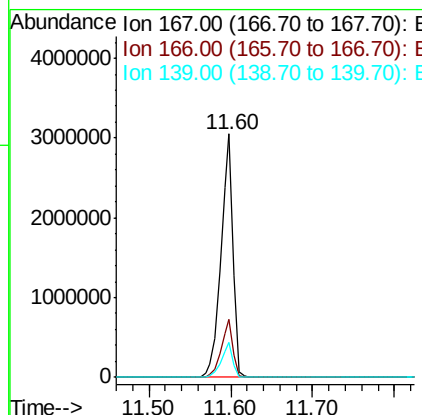
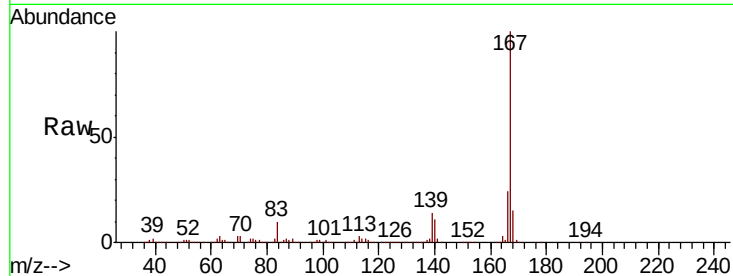
#73
 Carbazole
 Concen: 42.885 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion:167 Resp: 3135512
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.4
 139 14.3 11.0 16.4

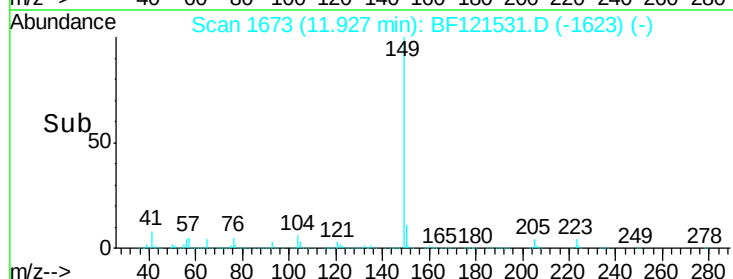
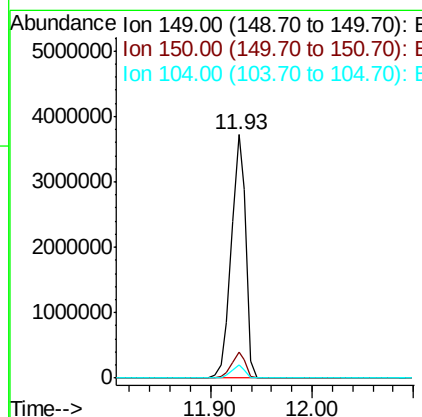
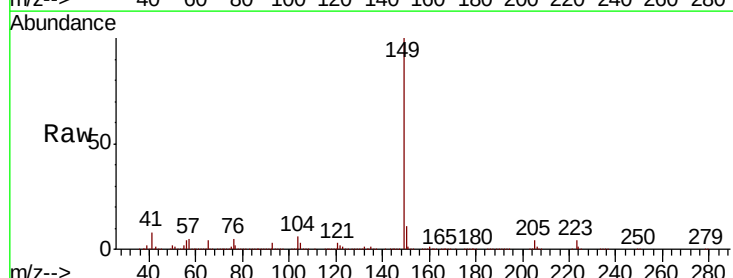
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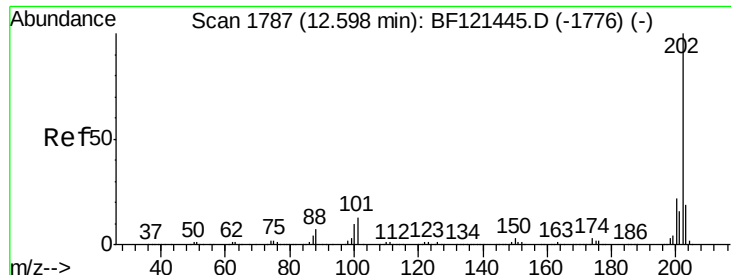
Sohil
 9/9/2020 3:49:33 PM



#74
 Di-n-butylphthalate
 Concen: 45.188 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:149 Resp: 3670342
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.0 12.0
 104 5.6 4.0 6.0





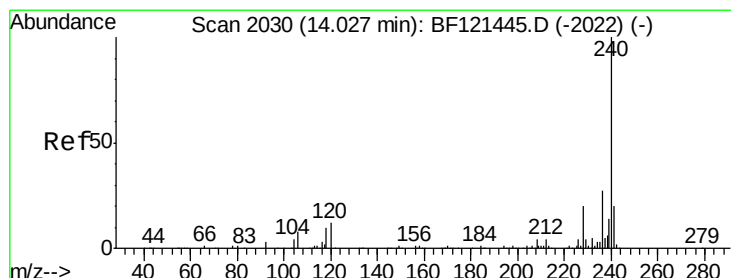
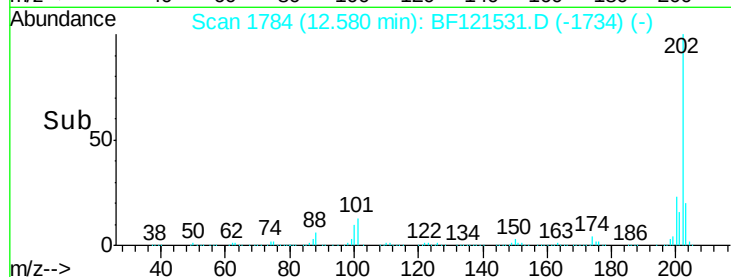
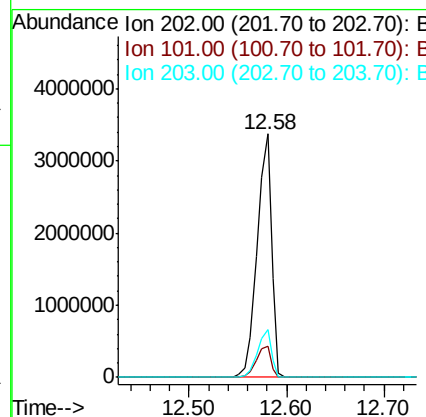
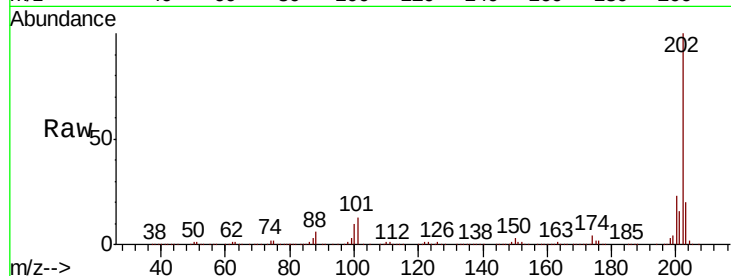
#75
 Fluoranthene
 Concen: 42.720 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.6
203	19.7	0.0	38.5

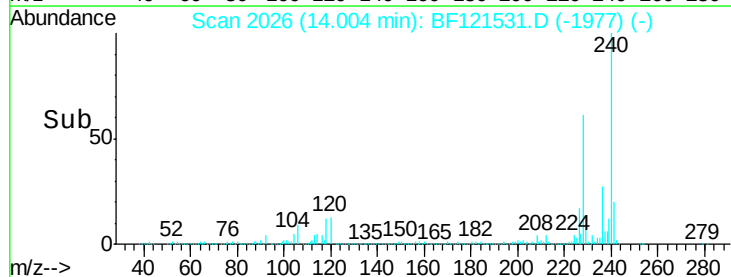
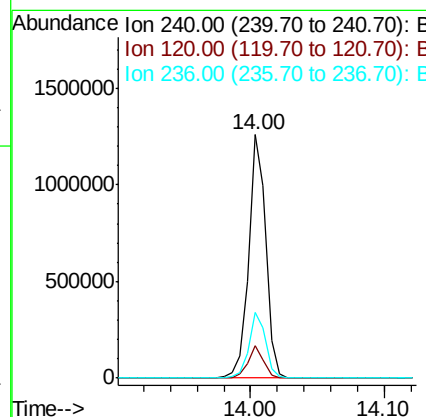
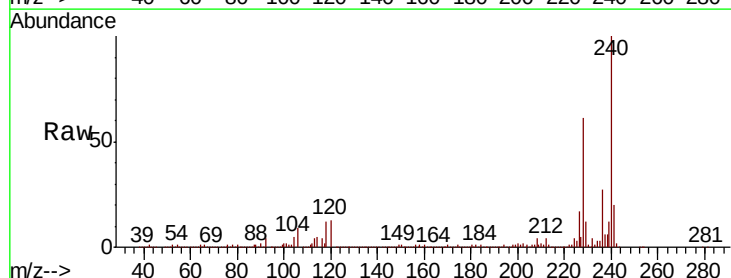
Manual Integrations
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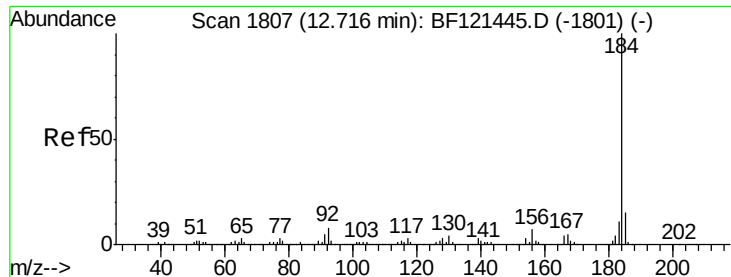
Sohil
 9/9/2020 3:49:33 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.0	12.0#
236	27.1	21.4	32.2





#77

Benzidine

Concen: 20.057 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

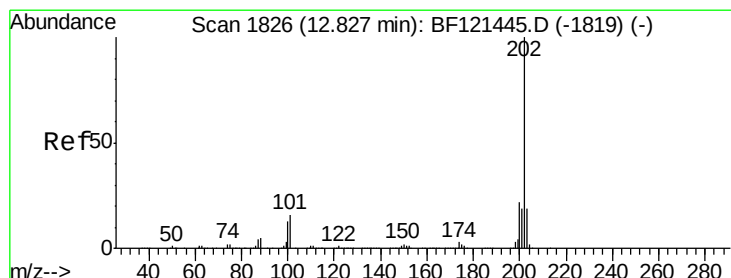
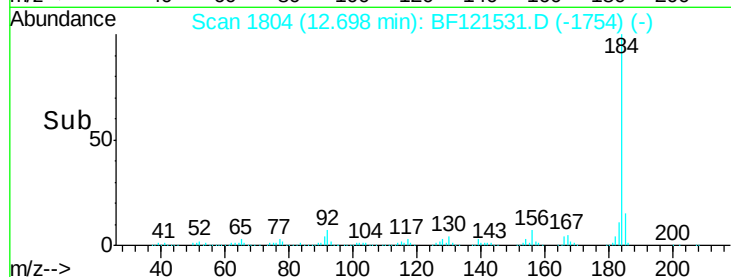
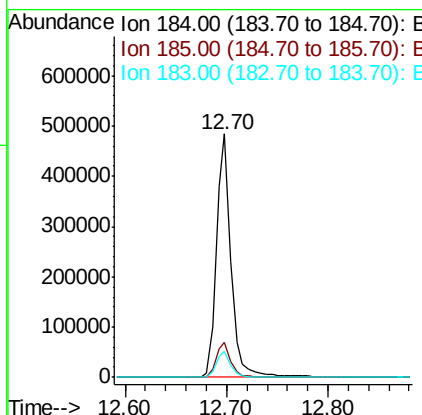
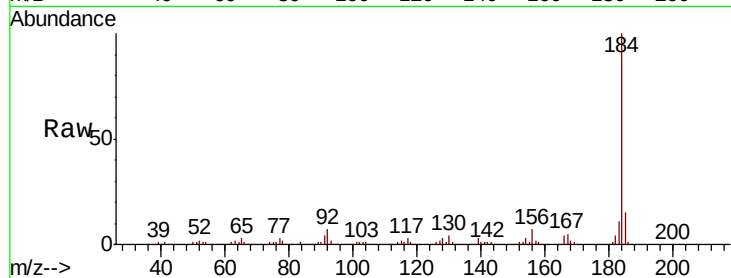
ClientSampleId :

CL-01-090320MSD

Tot Ion:	184	Resp:	484433
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.5	17.3
183	10.6	9.0	13.6

Manual Integrations
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Sohil
9/9/2020 3:49:33 PM



#78

Pyrene

Concen: 46.149 ng

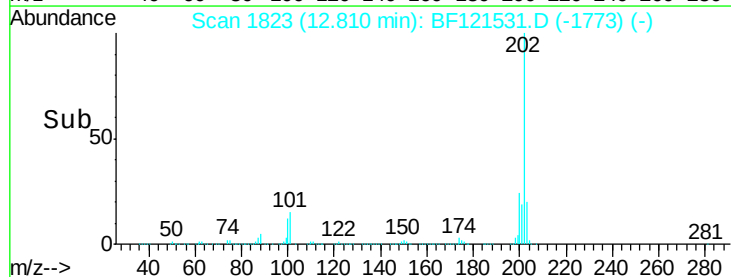
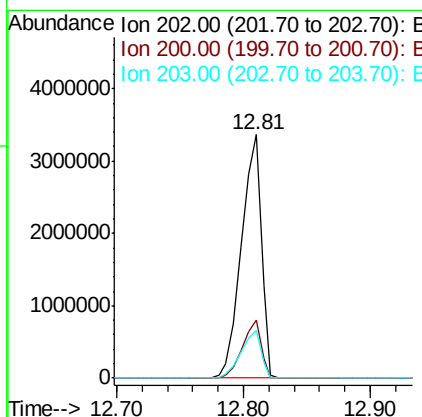
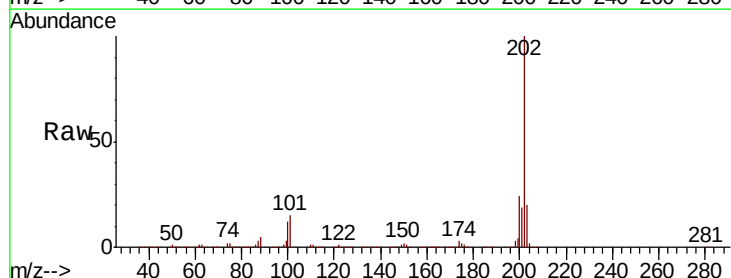
RT: 12.81 min Scan# 1823

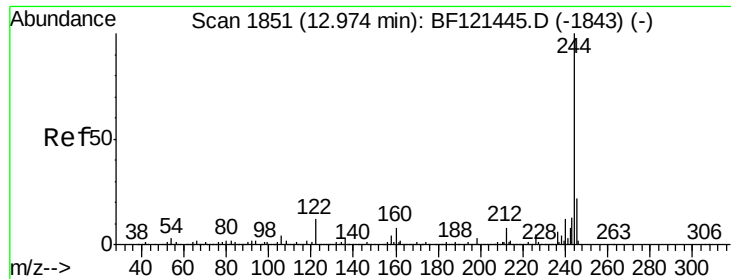
Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Tgt Ion:	202	Resp:	3650073
Ion Ratio	Lower	Upper	
202	100		
200	23.6	17.7	26.5
203	19.6	15.0	22.4





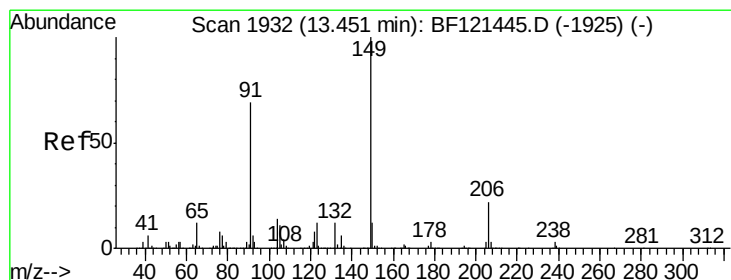
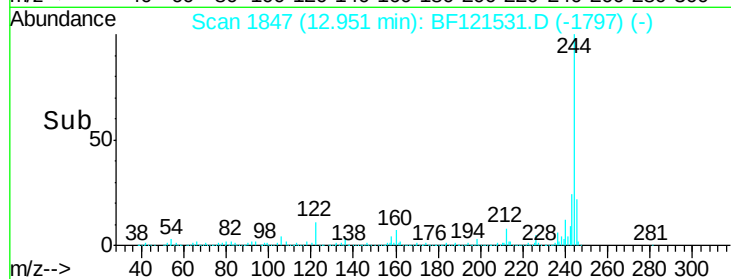
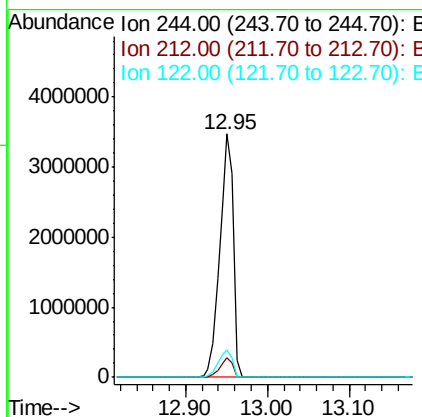
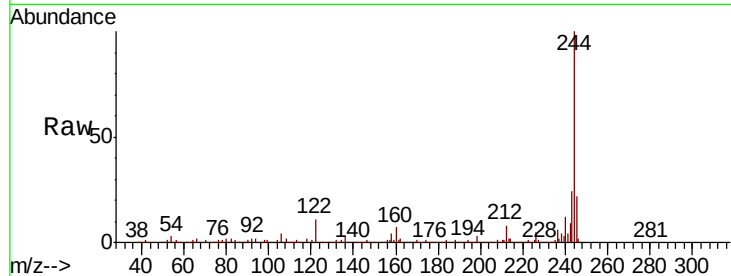
#79
 Terphenyl-d14
 Concen: 75.654 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	11.1	9.3	13.9

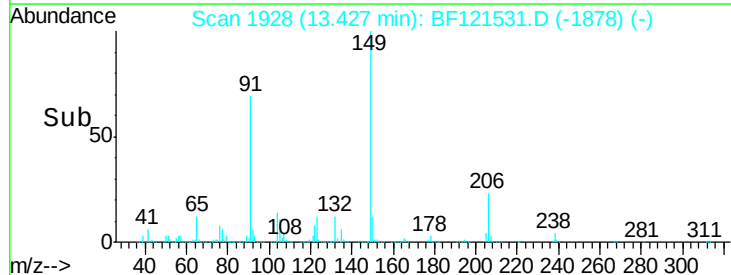
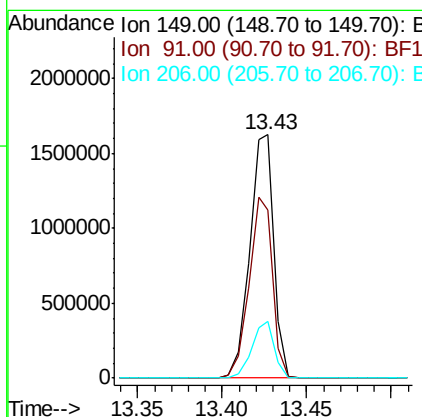
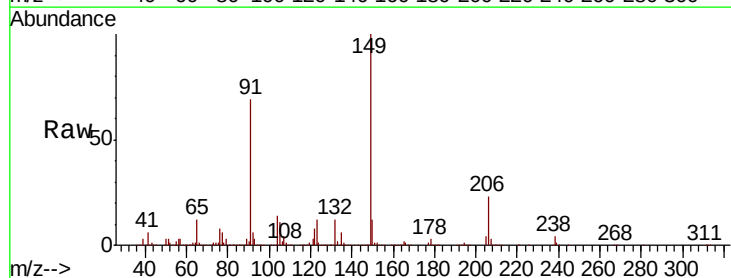
Manual Integrations
 APPROVED

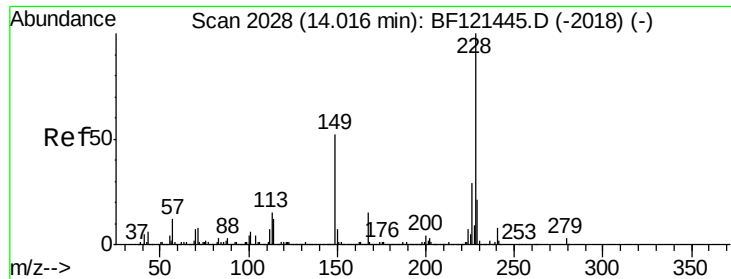
Sohil
 9/9/2020 3:49:33 PM



#80
 Butylbenzylphthalate
 Concen: 53.010 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	54.9	82.3
206	23.4	18.0	27.0





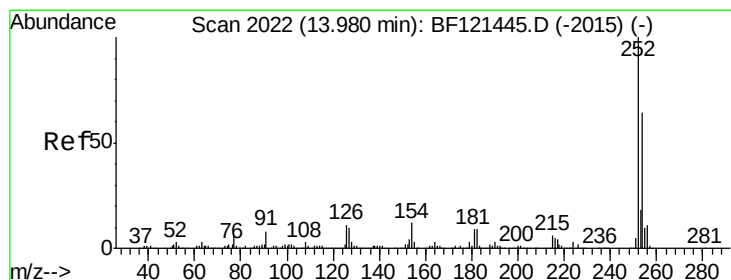
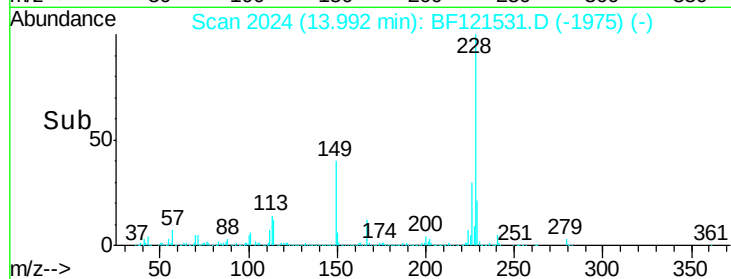
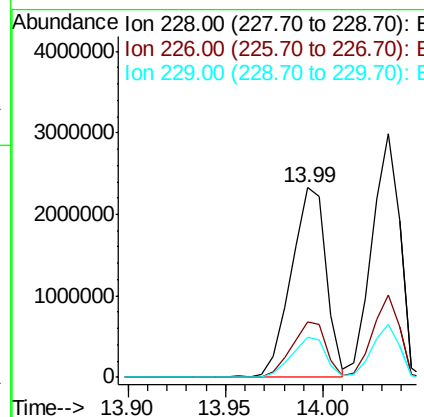
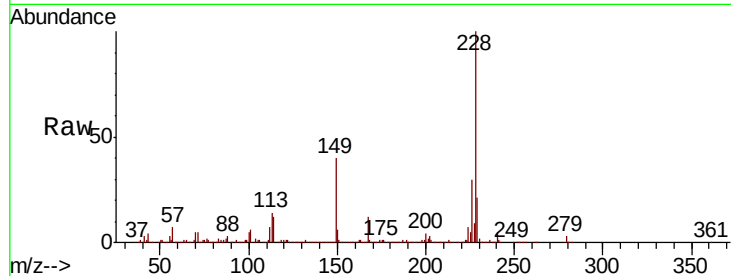
#81
Benzo(a)anthracene
Concen: 42.815 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.3	34.9
229	21.1	16.4	24.6

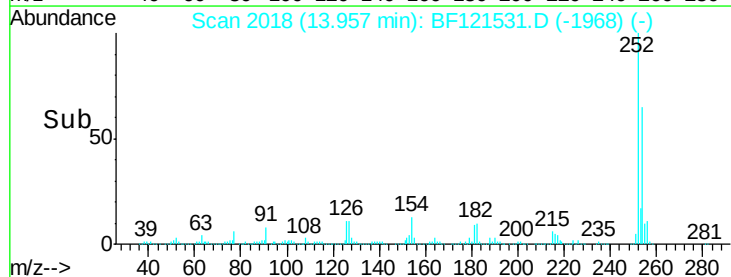
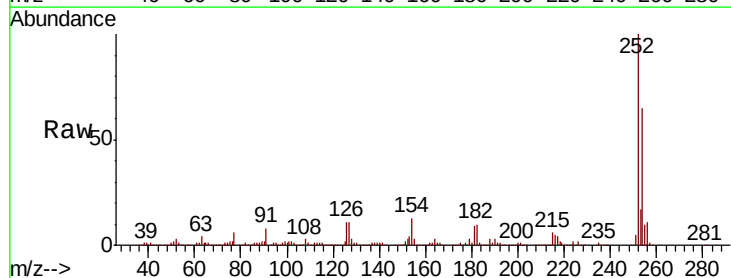
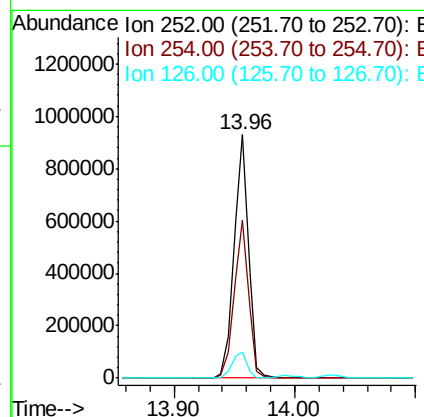
Manual Integrations
APPROVED

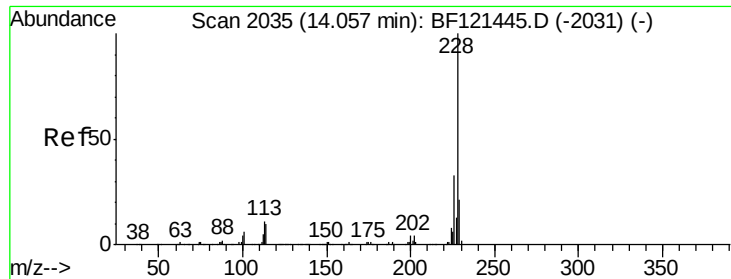
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 31.245 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.8	76.2
126	10.9	9.3	13.9





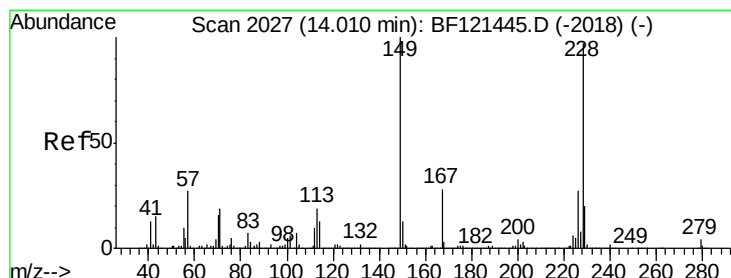
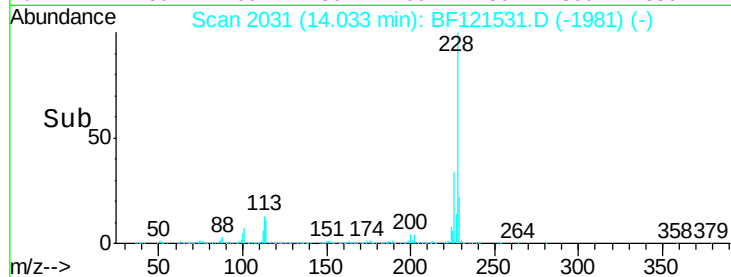
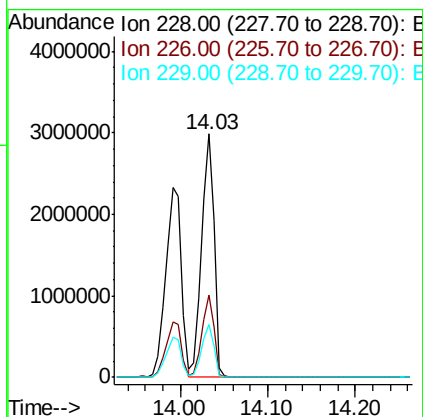
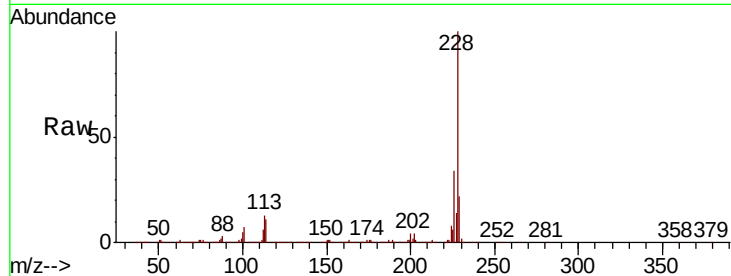
#83
 Chrvsene
 Concen: 43.966 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	26.5	39.7
229	22.0	17.1	25.7

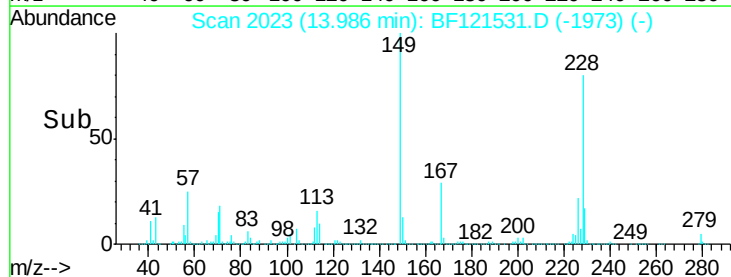
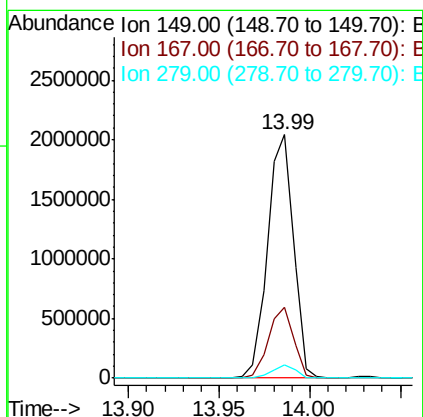
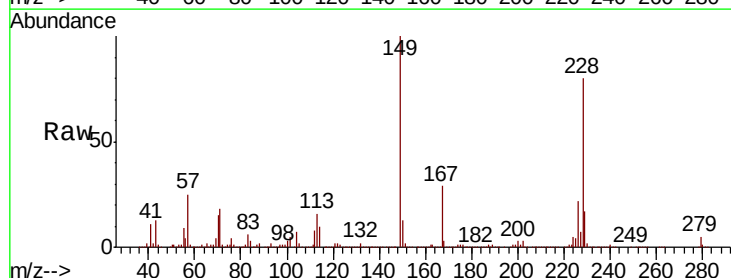
Manual Integrations
 APPROVED

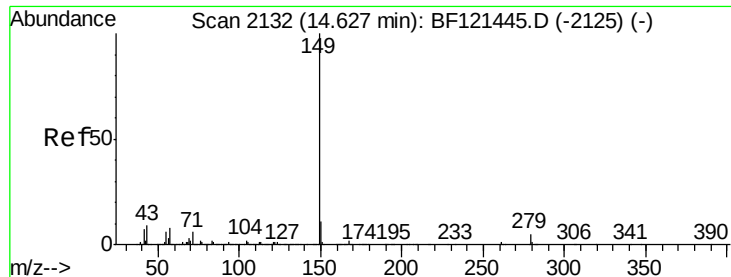
Sohil
 9/9/2020 3:49:33 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.501 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.9	34.3
279	5.3	4.0	6.0





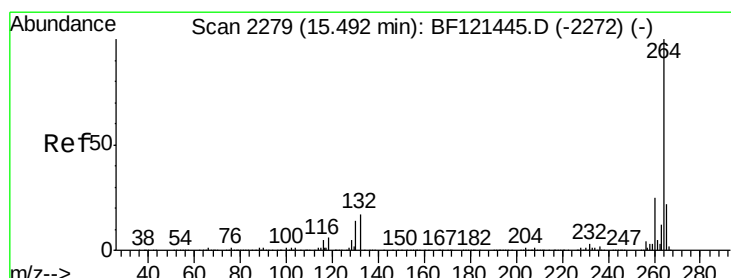
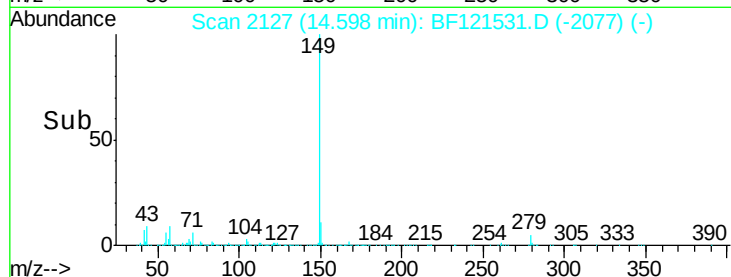
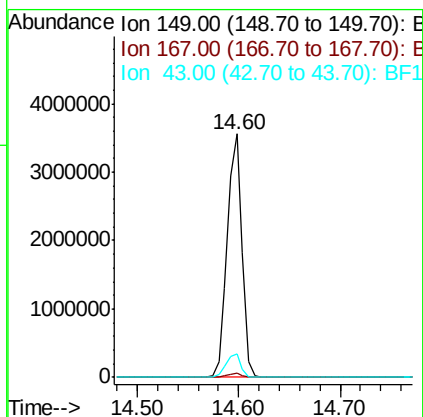
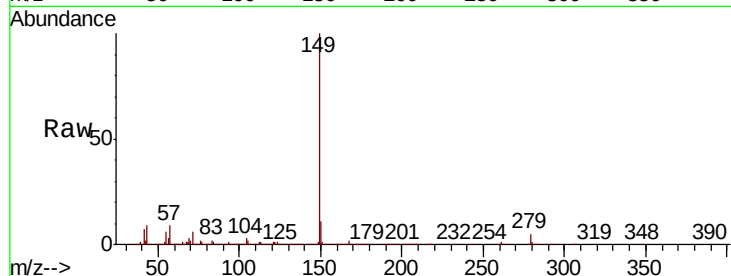
#85
Di-n-octyl phthalate
Concen: 53.996 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.6	7.8	11.6

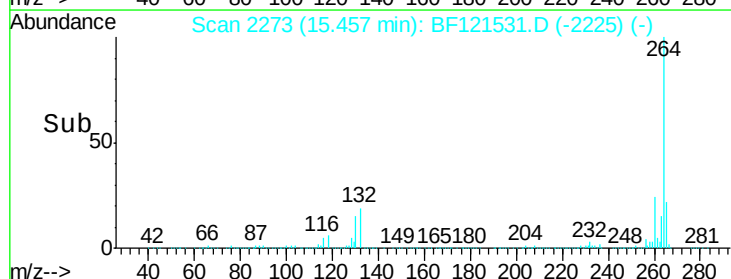
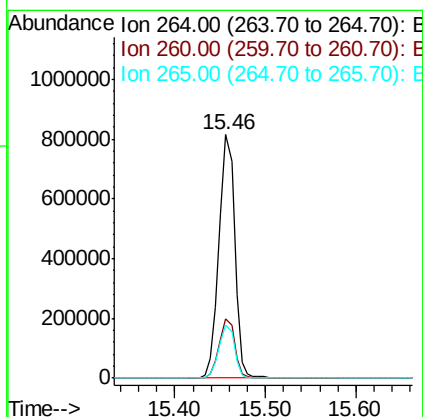
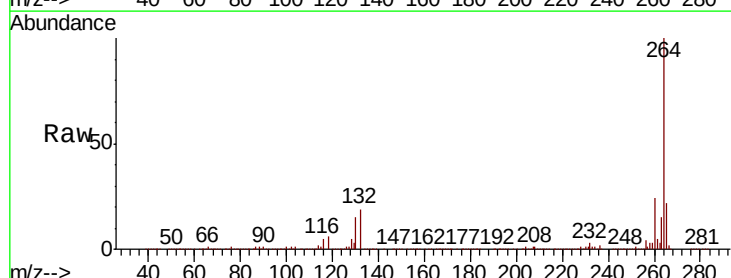
Manual Integrations
APPROVED

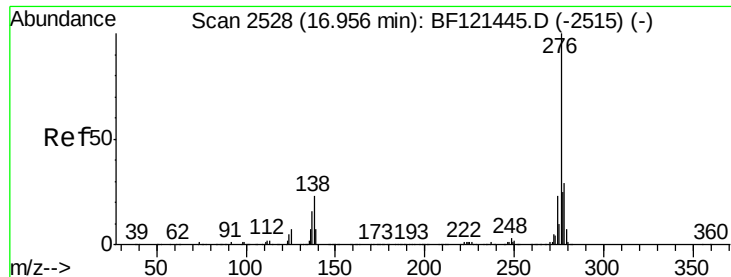
Sohil
9/9/2020 3:49:33 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.9	17.4	26.2





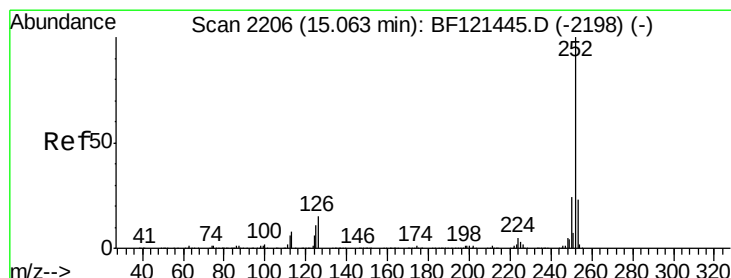
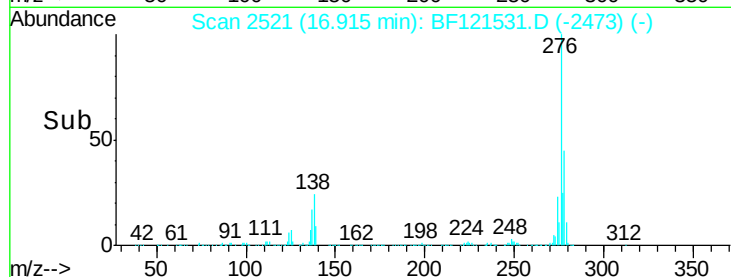
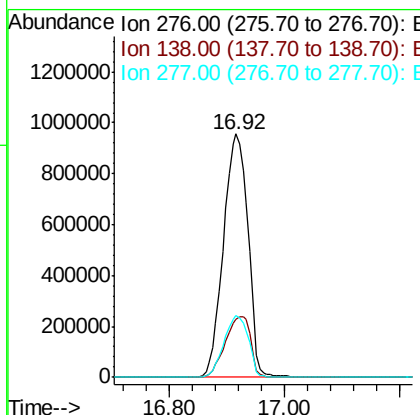
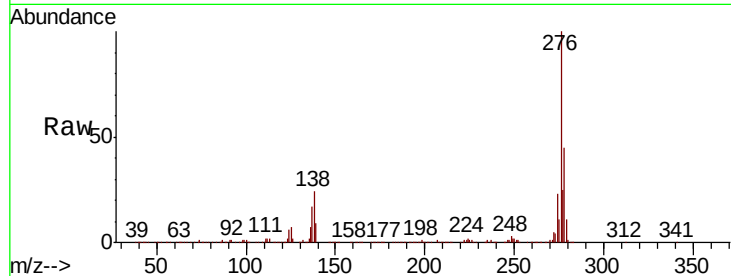
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.487 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.02 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.7	31.1
277	25.5	20.4	30.6

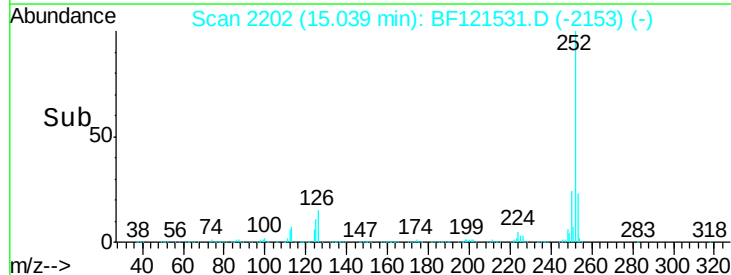
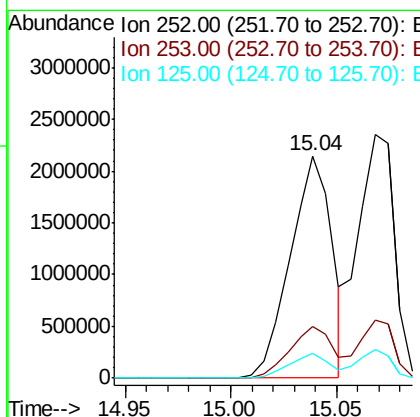
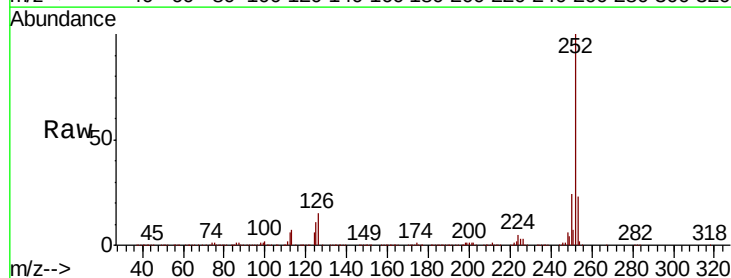
Manual Integrations
 APPROVED

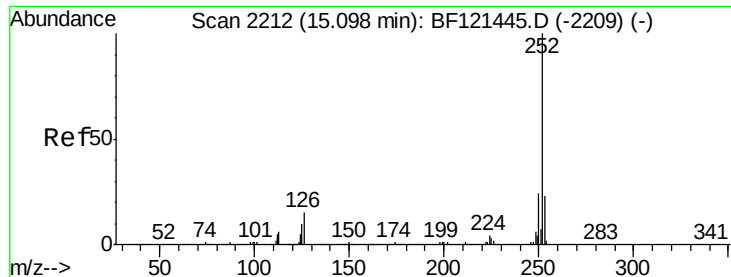
Sohil
 9/9/2020 3:49:33 PM



#88
 Benzo(b)fluoranthene
 Concen: 45.888 ng
 RT: 15.04 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	11.0	8.2	12.2





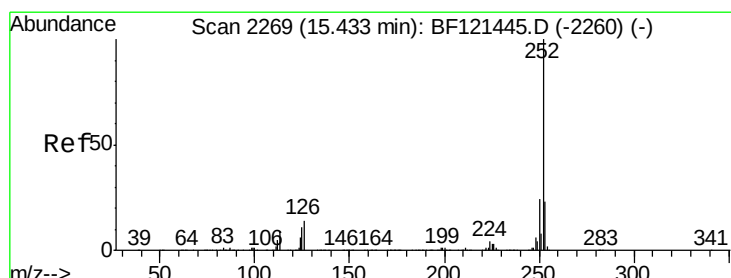
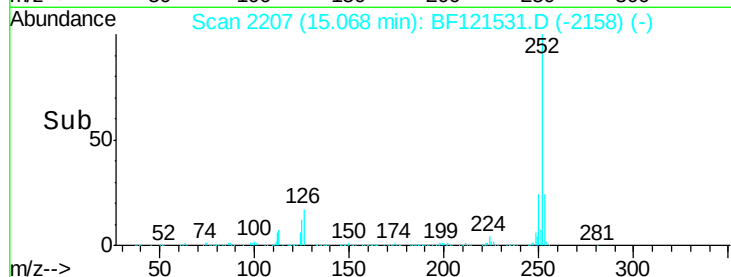
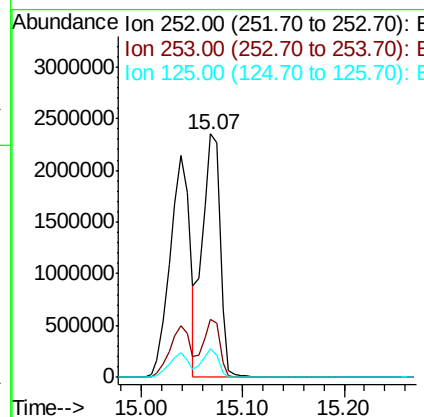
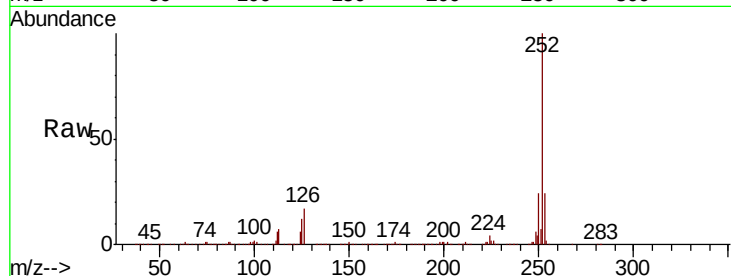
#89
Benzo(k)fluoranthene
Concen: 47.788 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	11.5	8.6	13.0

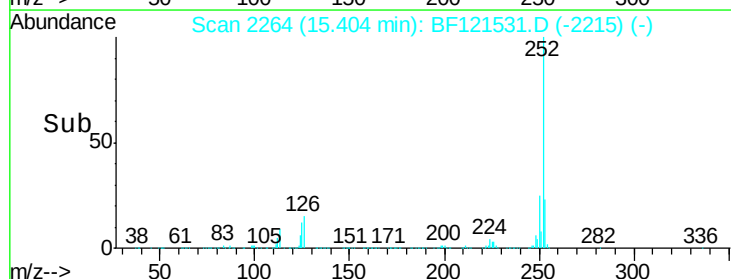
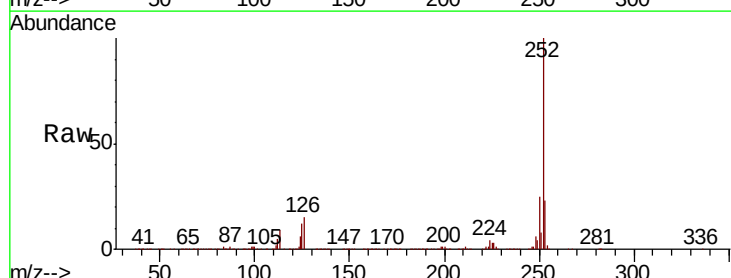
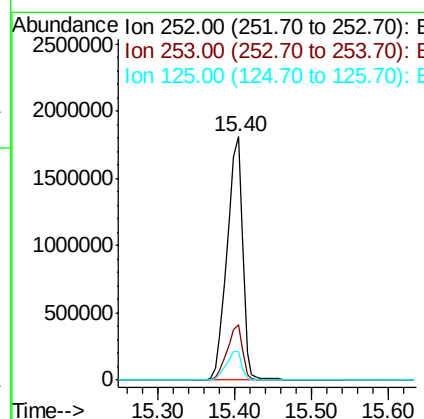
Manual Integrations
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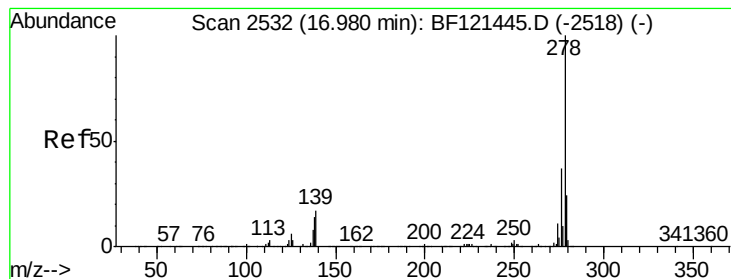
Sohil
9/9/2020 3:49:33 PM



#90
Benzo(a)pyrene
Concen: 44.367 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	11.5	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.309 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

Tot Ion:278 Resp: 2292911

Ion Ratio Lower Upper

278 100

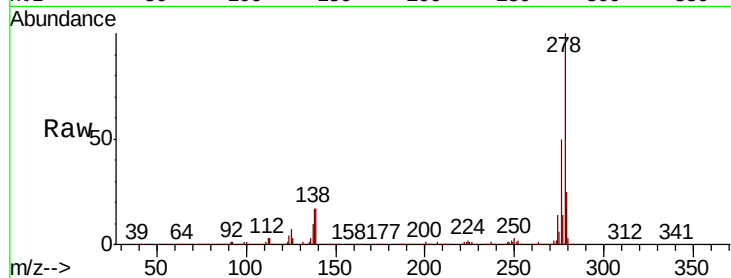
139 17.4 14.0 21.0

279 24.5 19.5 29.3

Manual Integrations
APPROVED

Sohil

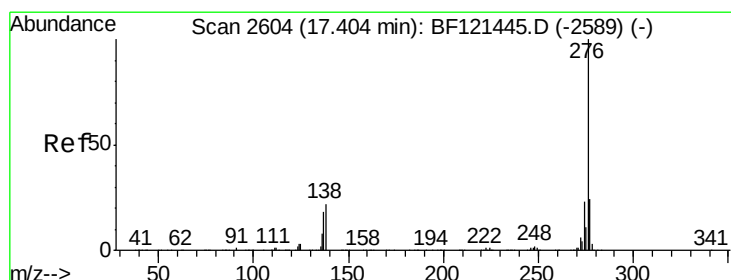
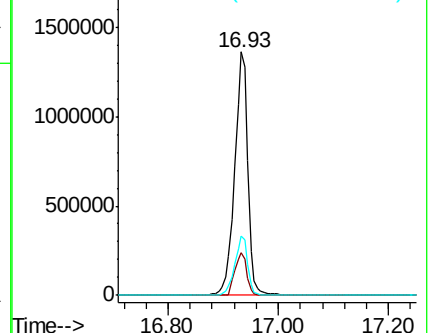
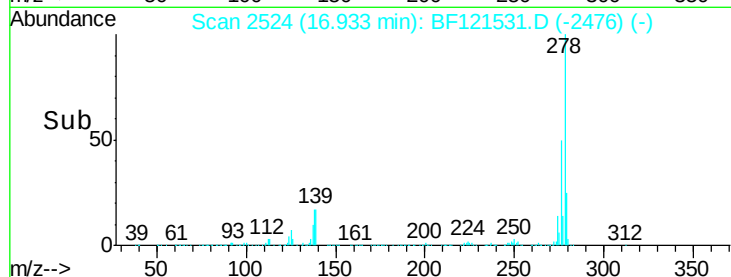
9/9/2020 3:49:33 PM



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: 48.922 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.02 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

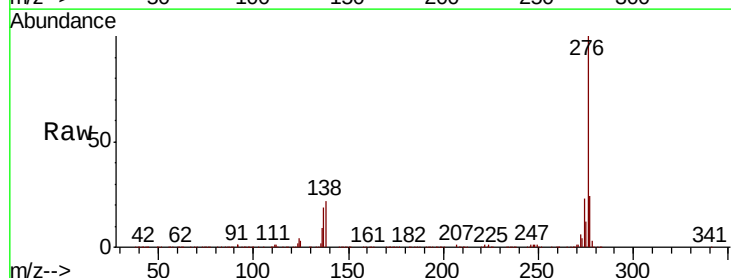
Tgt Ion:276 Resp: 2333408

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 21.9 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

