Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
Data File : BF123082.D
Acq On : 29 Jan 2021 15:08
Operator : JU/CG
Sample : M1270-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-SP1MS

Manual Integrations APPROVED
mohammad
2/1/2021 11:49:41 AM

Quant Time: Jan 29 22:34:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	231861	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	926632	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	496621	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	900949	20.00	ng	0.00
76) Chrysene-d12	14.086	240	776438	20.00	ng	0.00
86) Perylene-d12	15.568	264	704004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1565086	104.12	ng	0.01
7) Phenol-d6	6.522	99	2011902	98.75	ng	0.00
23) Nitrobenzene-d5	7.457	82	1281450	69.60	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	621860	115.35	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2305779	69.02	ng	0.00
79) Terphenyl-d14	13.022	244	2634023	66.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	277175	37.06	ng	95
3) Pyridine	3.475	79	794509	39.73	ng	95
4) n-Nitrosodimethylamine	3.428	42	378361	44.96	ng	95
6) Aniline	6.557	93	788489	31.44	ng	99
8) 2-Chlorophenol	6.681	128	808546	49.63	ng	98
9) Benzaldehyde	6.440	77	433740	46.57	ng	98
10) Phenol	6.534	94	1012394	50.10	ng	89
11) bis(2-Chloroethyl)ether	6.628	93	761845	45.31	ng	99
12) 1,3-Dichlorobenzene	6.834	146	831049	43.74	ng	97
13) 1,4-Dichlorobenzene	6.910	146	839634	42.43	ng	97
14) 1,2-Dichlorobenzene	7.063	146	815285	44.04	ng	99
15) Benzyl Alcohol	7.034	79	672708	47.10	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1106027	42.66	ng	98
17) 2-Methylphenol	7.145	107	656832	47.38	ng	98
18) Hexachloroethane	7.410	117	308763	44.55	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	539554	44.04	ng	97
20) 3+4-Methylphenols	7.298	107	780045	47.77	ng	95
22) Acetophenone	7.304	105	1017689	42.15	ng	98
24) Nitrobenzene	7.475	77	842630	44.42	ng	98
25) Isophorone	7.716	82	1541553	45.71	ng	100
26) 2-Nitrophenol	7.792	139	417603	53.23	ng	97
27) 2,4-Dimethylphenol	7.828	122	739096	52.21	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	972541	42.26	ng	99
29) 2,4-Dichlorophenol	8.034	162	682865	46.13	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	710049	42.58	ng	99
31) Naphthalene	8.204	128	2216327	43.60	ng	99
32) Benzoic acid	7.957	122	521405	45.96	ng	95
33) 4-Chloroaniline	8.245	127	379481	16.82	ng	100
34) Hexachlorobutadiene	8.322	225	409358	42.49	ng	99
35) Caprolactam	8.622	113	240109m	48.00	ng	
36) 4-Chloro-3-methylphenol	8.728	107	736552	47.85	ng	97
37) 2-Methylnaphthalene	8.892	142	1490317	44.17	ng	98
38) 1-Methylnaphthalene	8.992	142	1412735	44.22	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	671063	43.44	ng	99
41) Hexachlorocyclopentadiene	9.051	237	753768	102.78	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	509862	48.14	ng	98

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Quant Time: Jan 29 22:34:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	540305	48.78	ng		99
46) 1,1'-Biphenyl	9.357	154	1801047	44.21	ng		99
47) 2-Chloronaphthalene	9.386	162	1433158	42.03	ng		97
48) 2-Nitroaniline	9.475	65	478952	46.34	ng		86
49) Acenaphthylene	9.804	152	2201437	44.11	ng		99
50) Dimethylphthalate	9.663	163	1826536	46.88	ng		99
51) 2,6-Dinitrotoluene	9.722	165	407167	49.06	ng		98
52) Acenaphthene	9.975	154	1541189	48.07	ng		99
53) 3-Nitroaniline	9.886	138	243706	24.83	ng		96
54) 2,4-Dinitrophenol	9.998	184	377950	97.90	ng	#	91
55) Dibenzofuran	10.151	168	1994640	42.76	ng		98
56) 4-Nitrophenol	10.051	139	705007	99.37	ng		85
57) 2,4-Dinitrotoluene	10.128	165	547497	50.72	ng		94
58) Fluorene	10.492	166	1509234	40.50	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	458052	48.77	ng		96
60) Diethylphthalate	10.363	149	1718479	44.85	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	732332	41.82	ng		99
62) 4-Nitroaniline	10.510	138	400662	40.63	ng		97
63) Azobenzene	10.645	77	1614437	43.06	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	269488	53.55	ng		88
66) n-Nitrosodiphenylamine	10.604	169	1416249	43.61	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	503208	43.86	ng		97
68) Hexachlorobenzene	11.045	284	540543	43.92	ng		97
69) Atrazine	11.133	200	426328	47.54	ng		99
70) Pentachlorophenol	11.239	266	655937	98.34	ng		99
71) Phenanthrene	11.457	178	2333366	41.70	ng		99
72) Anthracene	11.510	178	2392058	44.56	ng		99
73) Carbazole	11.663	167	2153351	43.23	ng		99
74) Di-n-butylphthalate	11.998	149	2549444	43.16	ng		100
75) Fluoranthene	12.651	202	2501491	44.73	ng		98
77) Benzidine	12.769	184	1016741	57.87	ng		99
78) Pyrene	12.880	202	2533028	43.21	ng		99
80) Butylbenzylphthalate	13.504	149	1195855	47.41	ng		96
81) Benzo(a)anthracene	14.074	228	2289747	43.57	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	576553	34.86	ng	#	97
83) Chrysene	14.116	228	2310796	43.94	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	1575972	47.03	ng		98
85) Di-n-octyl phthalate	14.680	149	2849546	50.63	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	2201753	46.97	ng		97
88) Benzo(b)fluoranthene	15.139	252	2405230	47.33	ng		100
89) Benzo(k)fluoranthene	15.168	252	2123711	44.98	ng		98
90) Benzo(a)pyrene	15.510	252	2027368	45.43	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	1810085	46.91	ng		99
92) Benzo(g,h,i)perylene	17.533	276	1786264	47.77	ng		97

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

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Instrument :
BNA_F
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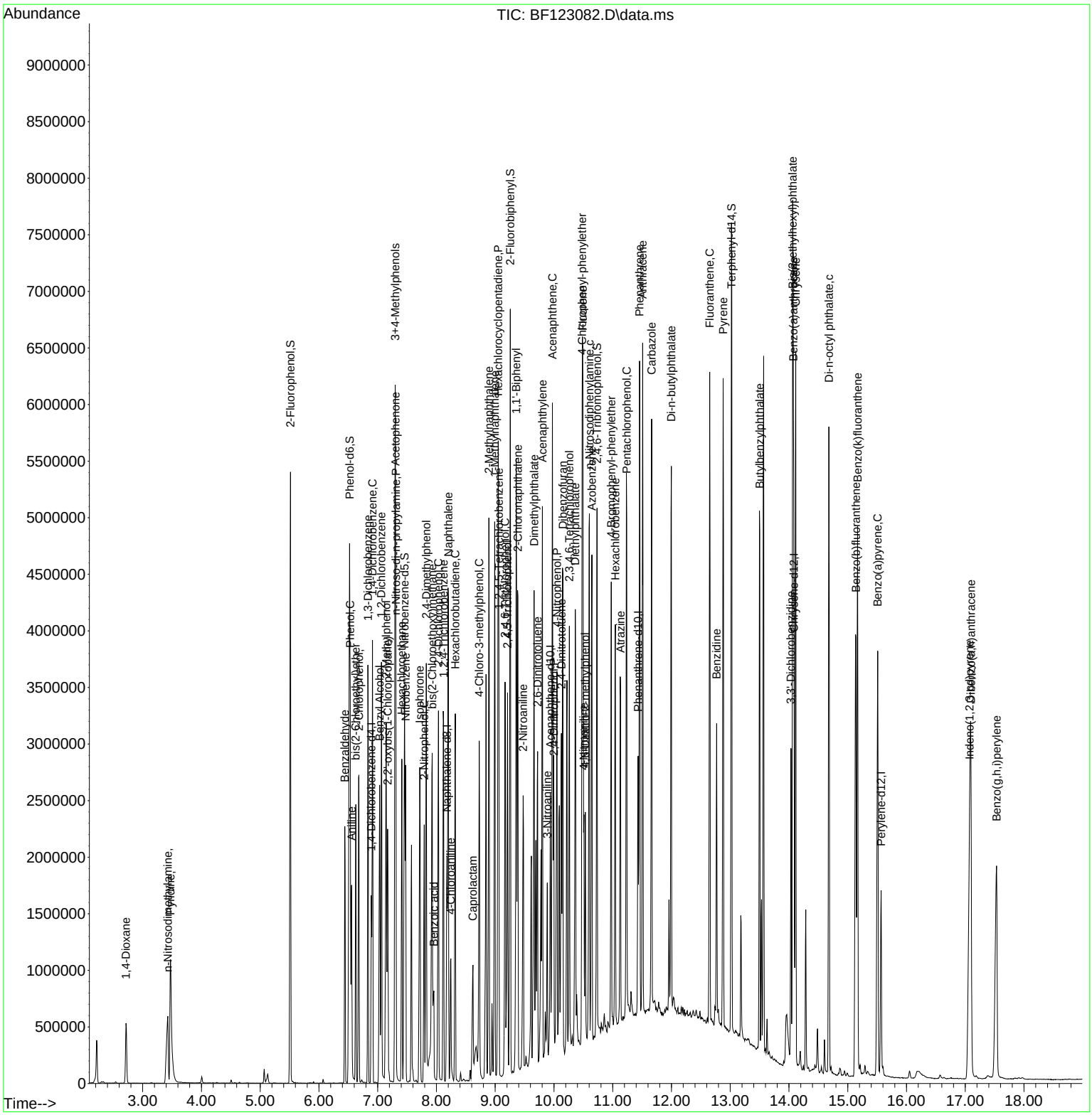
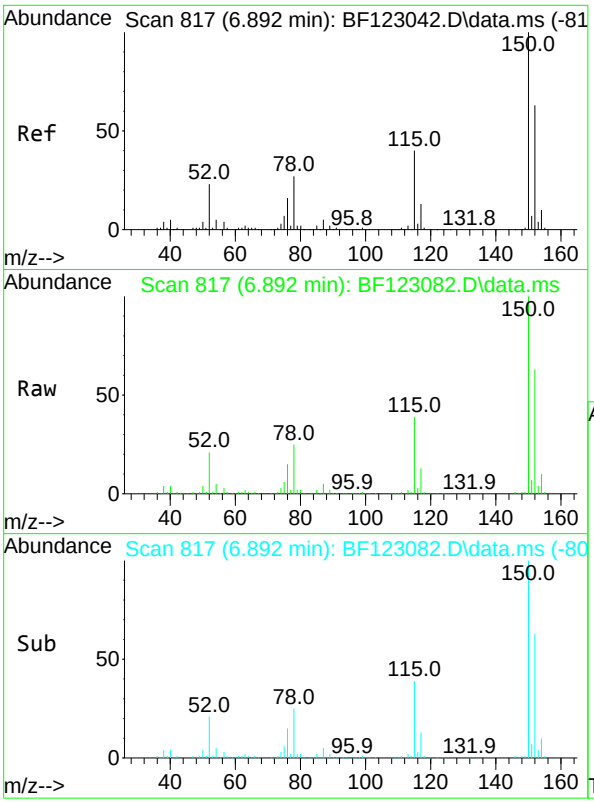
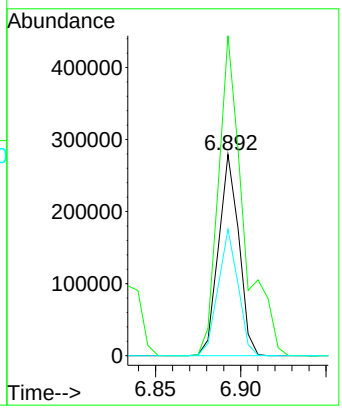




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:152 Resp: 231861

Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.8	188.6
115	62.8	49.3	73.9



Instrument :
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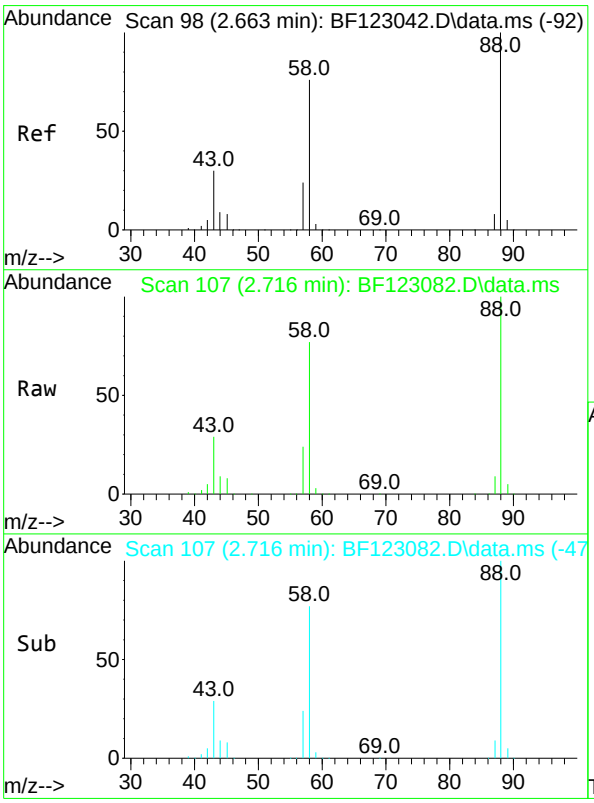
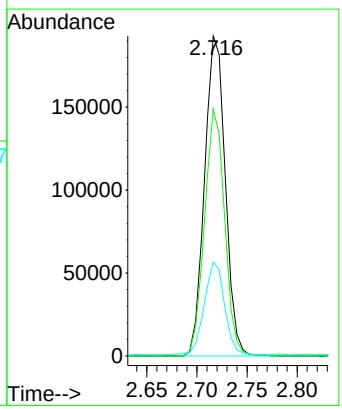
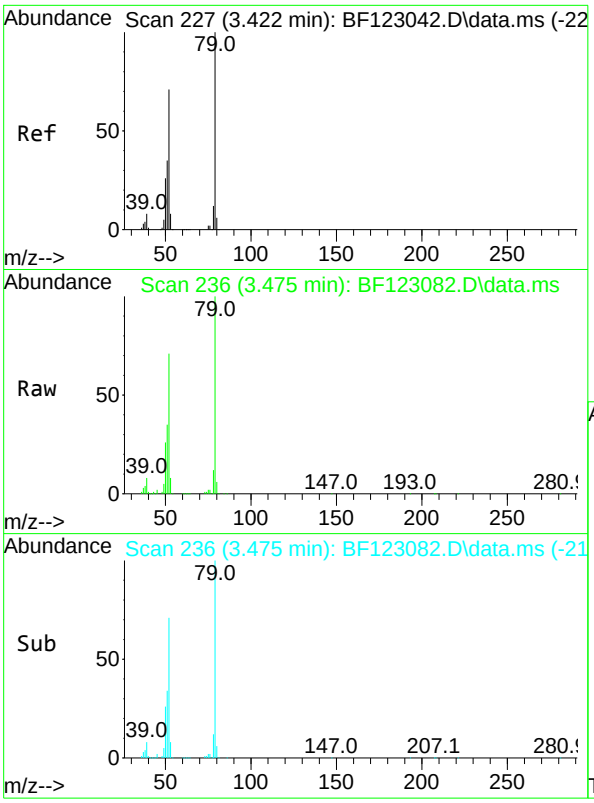


#2
1,4-Dioxane
Concen: 37.06 ng
RT: 2.716 min Scan# 107
Delta R.T. 0.053 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 88 Resp: 277175

Ion	Ratio	Lower	Upper
88	100		
58	75.2	56.2	84.2
43	28.4	21.8	32.6

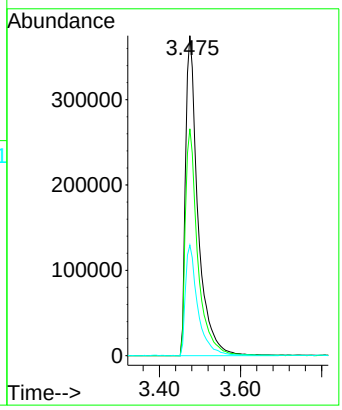




#3
Pyridine
Concen: 39.73 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.053 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 79 Resp: 794509

Ion	Ratio	Lower	Upper
79	100		
52	70.9	53.0	79.4
51	34.5	26.6	39.8



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ClientSampleId :
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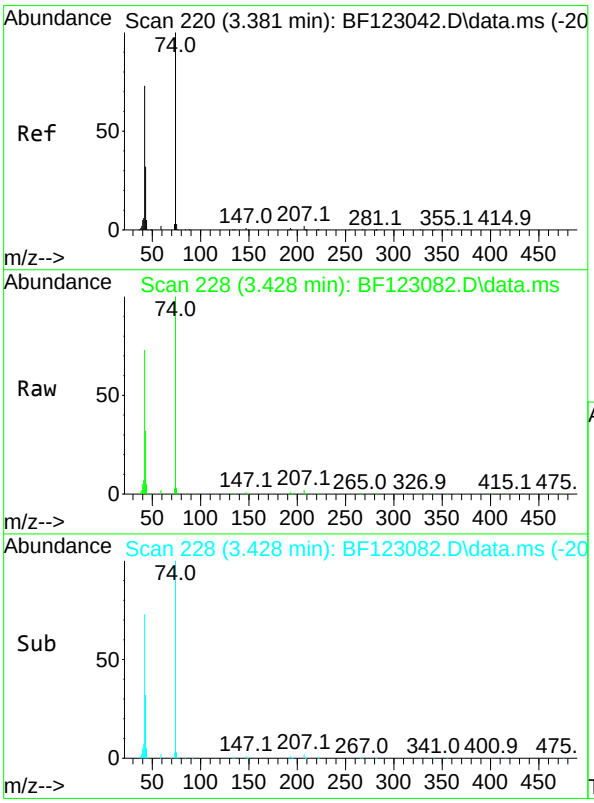
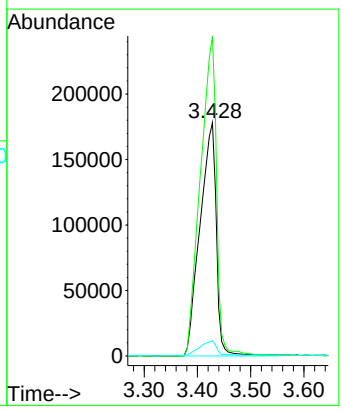
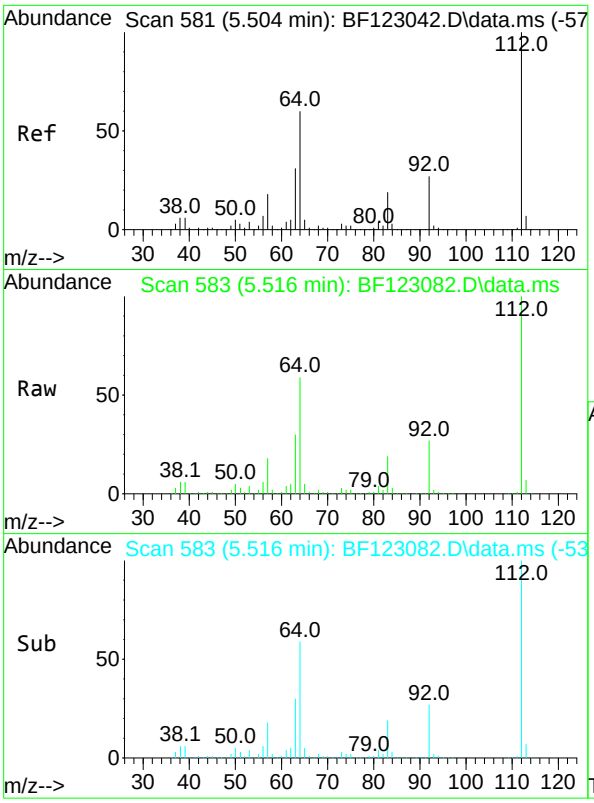


#4
n-Nitrosodimethylamine
Concen: 44.96 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.047 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 42 Resp: 378361

Ion	Ratio	Lower	Upper
42	100		
74	137.2	115.2	172.8
44	6.5	5.4	8.0

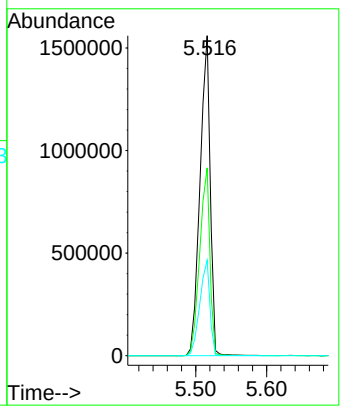




#5
2-Fluorophenol
Concen: 104.12 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:112 Resp: 1565086

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.9	70.3
63	29.8	24.5	36.7



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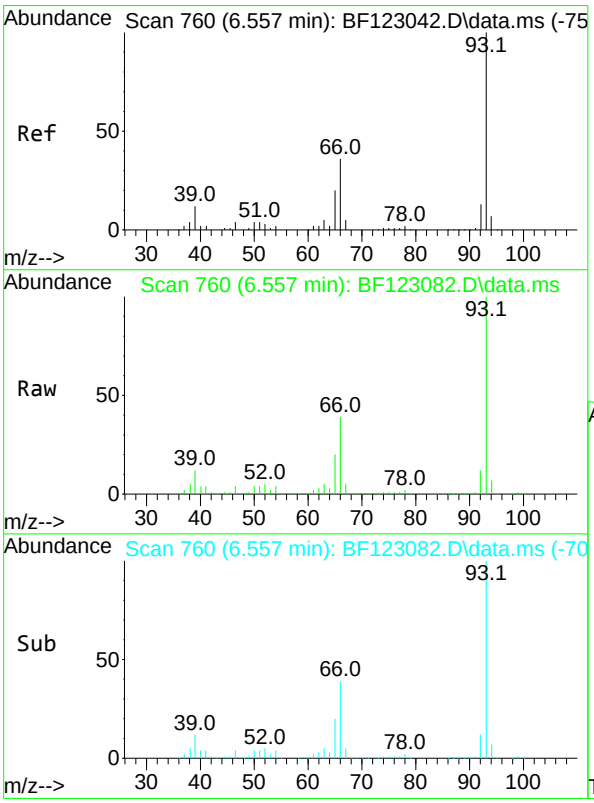
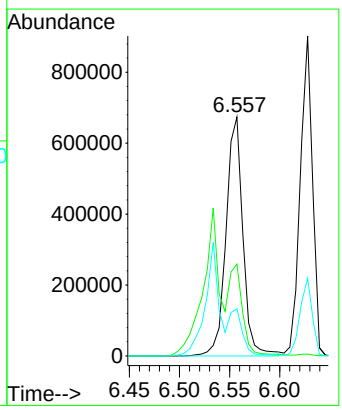
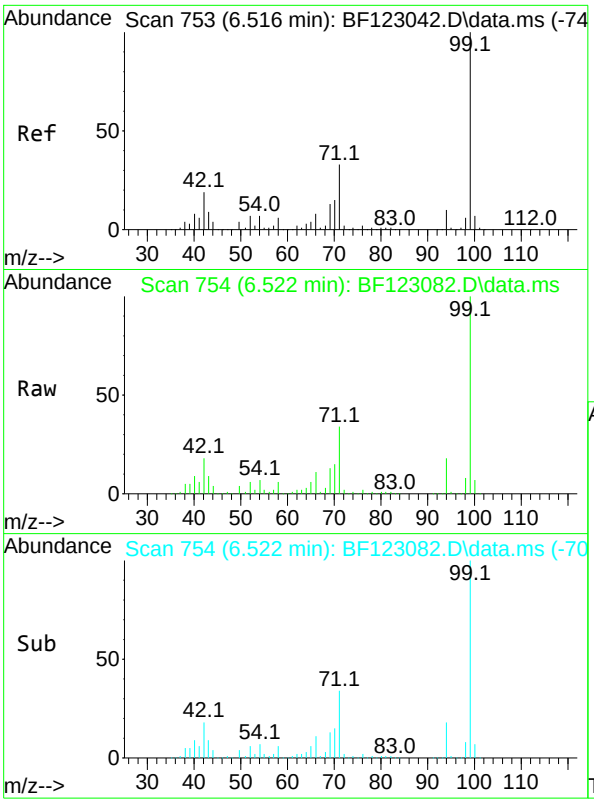


#6
Aniline
Concen: 31.44 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 93 Resp: 788489

Ion	Ratio	Lower	Upper
93	100		
66	38.5	31.3	46.9
65	19.8	15.6	23.4

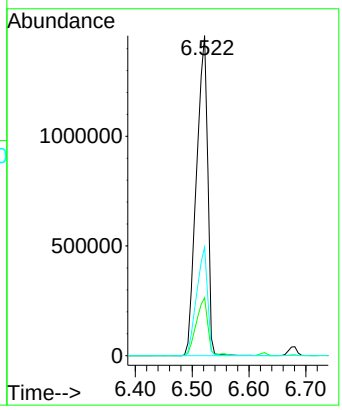


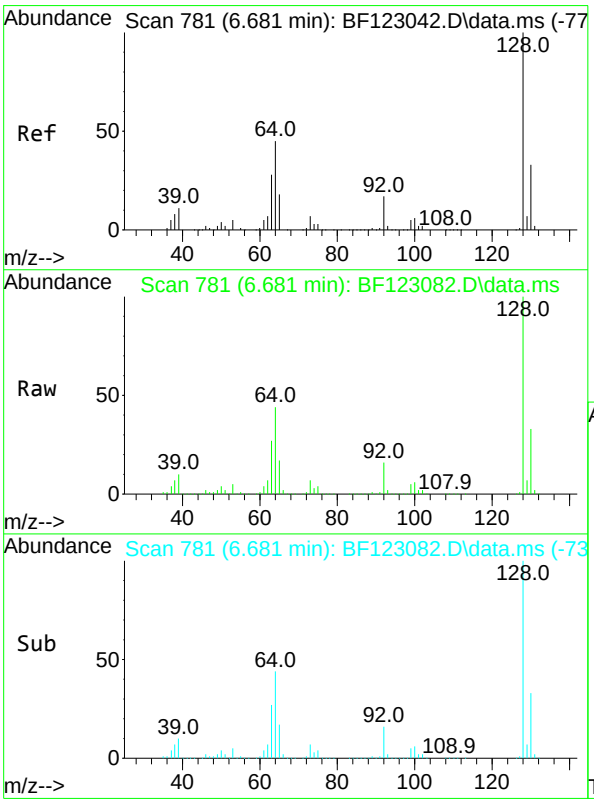


#7
Phenol-d6
Concen: 98.75 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 99 Resp: 2011902

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.8	20.6
71	33.9	26.9	40.3

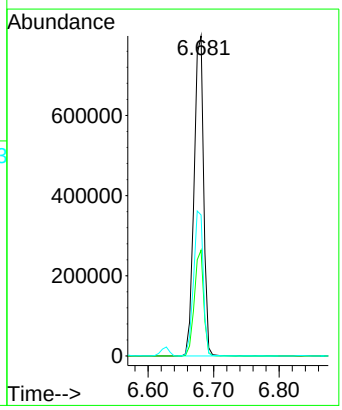




#8
2-Chlorophenol
Concen: 49.63 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:128 Resp: 808546

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	44.0	25.5	65.5



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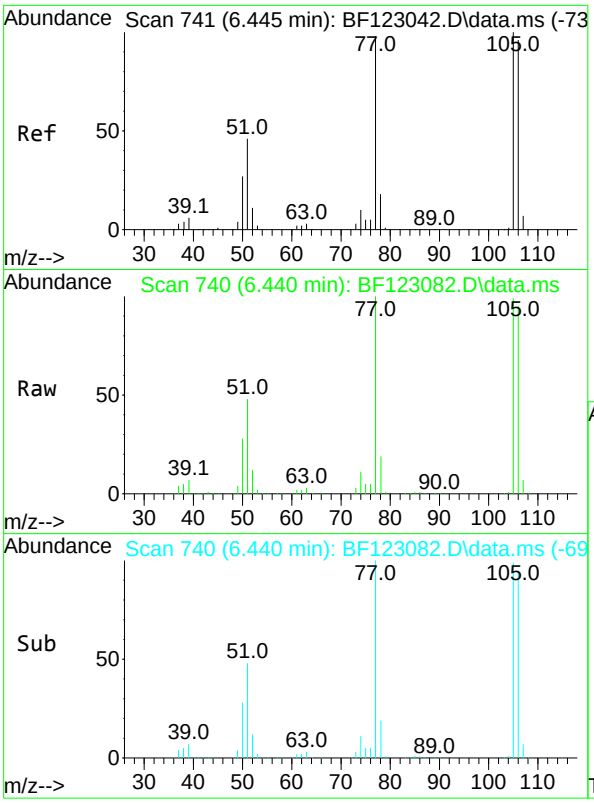
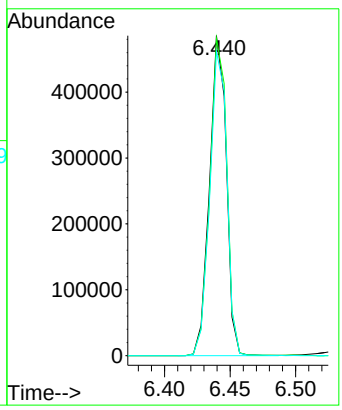


#9
Benzaldehyde
Concen: 46.57 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 77 Resp: 433740

Ion	Ratio	Lower	Upper
77	100		
105	99.3	80.6	120.6
106	95.0	77.2	117.2



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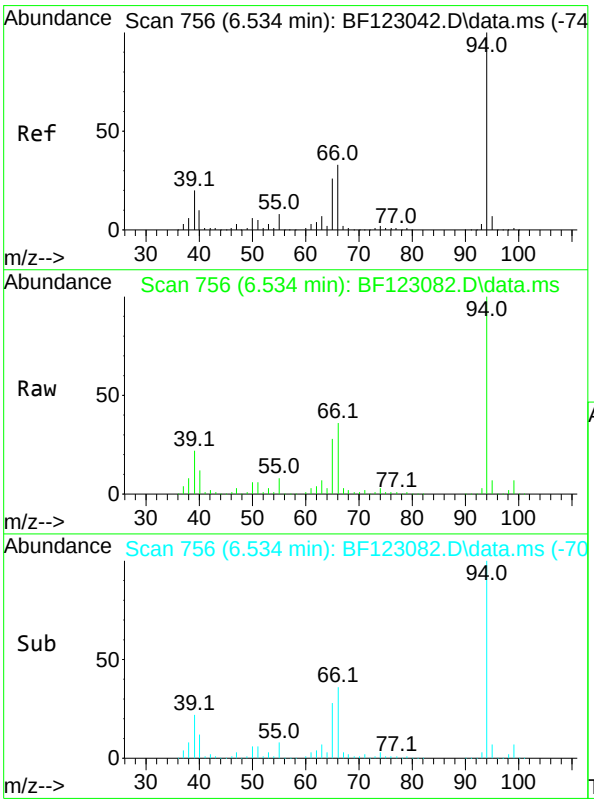
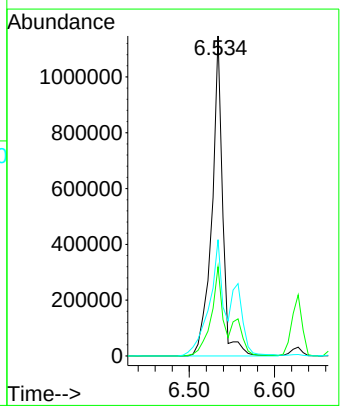
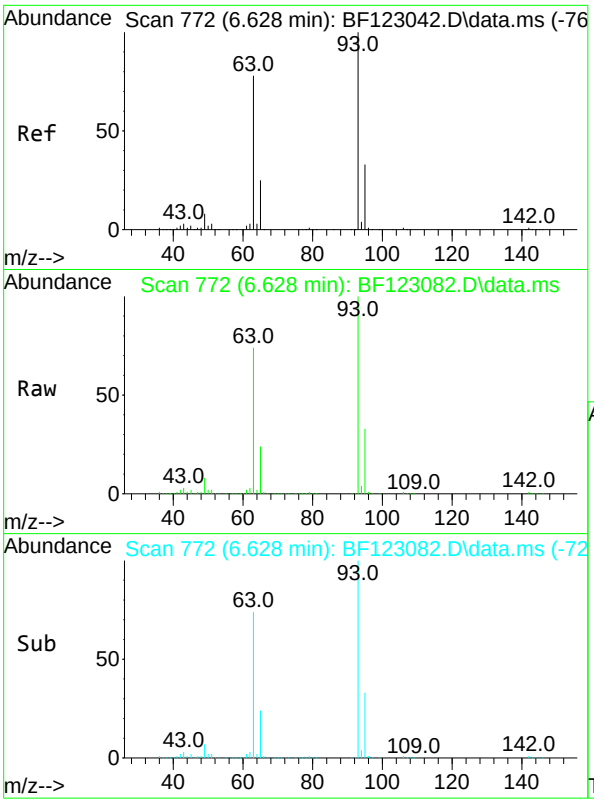


#10
Phenol
Concen: 50.10 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 94 Resp: 1012394

Ion	Ratio	Lower	Upper
94	100		
65	27.9	11.2	51.2
66	36.4	25.8	65.8

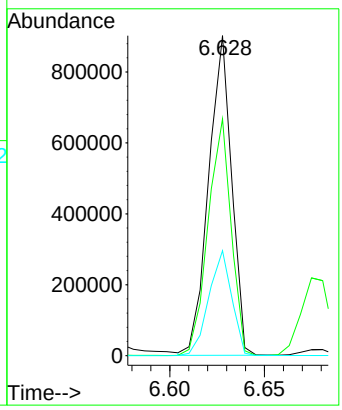


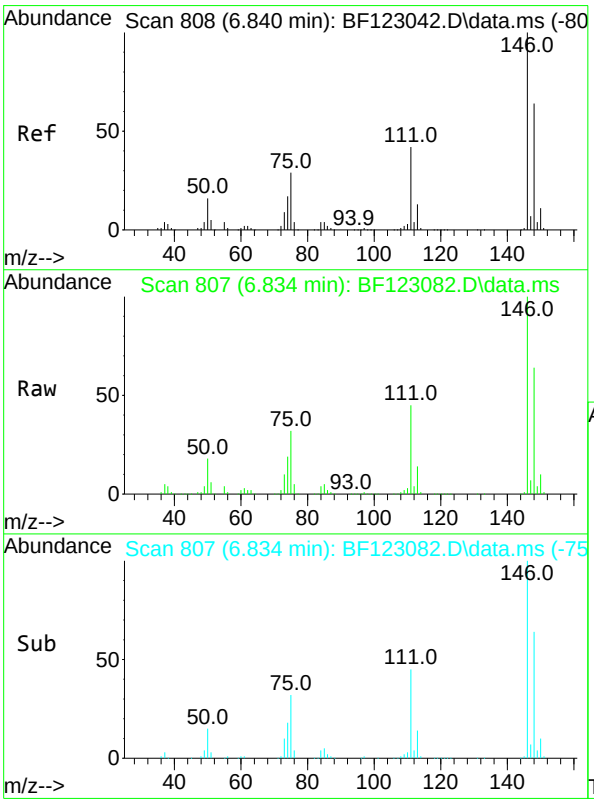


#11
bis(2-Chloroethyl)ether
Concen: 45.31 ng
RT: 6.628 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 93 Resp: 761845

Ion	Ratio	Lower	Upper
93	100		
63	74.0	52.6	92.6
95	32.8	12.6	52.6

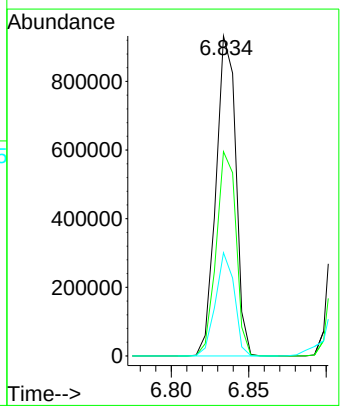




#12
1,3-Dichlorobenzene
Concen: 43.74 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:146 Resp: 831049

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	32.2	22.5	33.7



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ClientSampleId :
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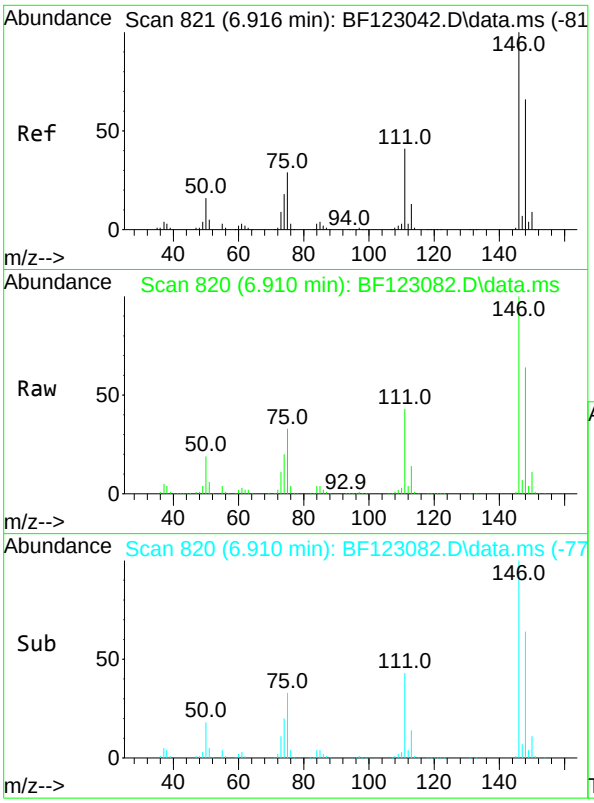
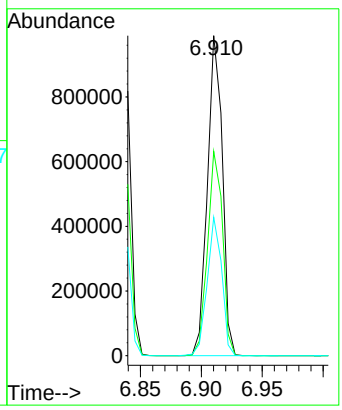
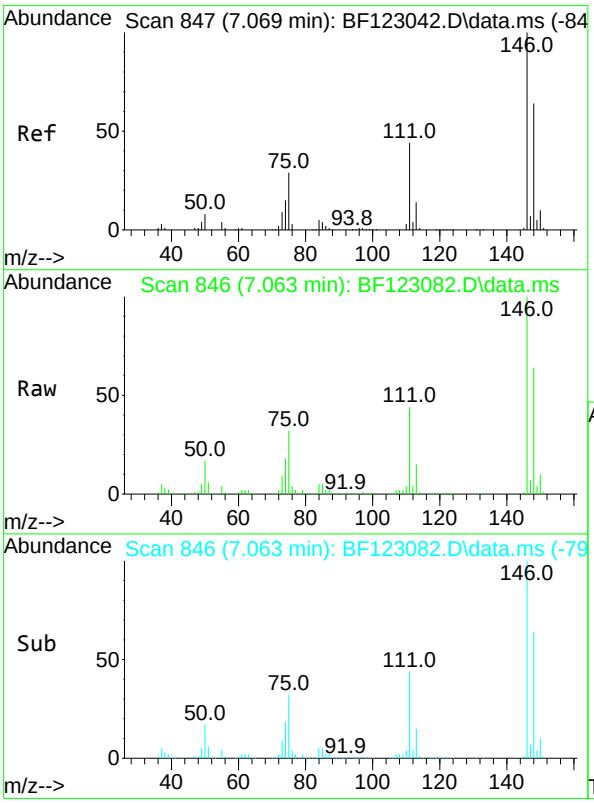


#13
1,4-Dichlorobenzene
Concen: 42.43 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:146 Resp: 839634

Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.0	78.0
111	43.2	32.3	48.5

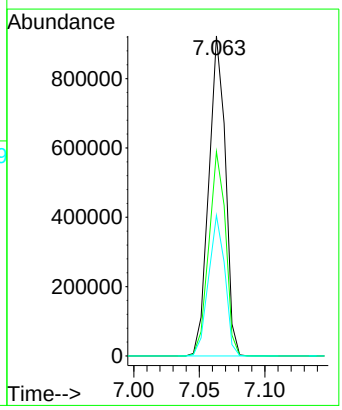




#14
1,2-Dichlorobenzene
Concen: 44.04 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:146 Resp: 815285

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.5	77.3
111	43.9	34.2	51.2



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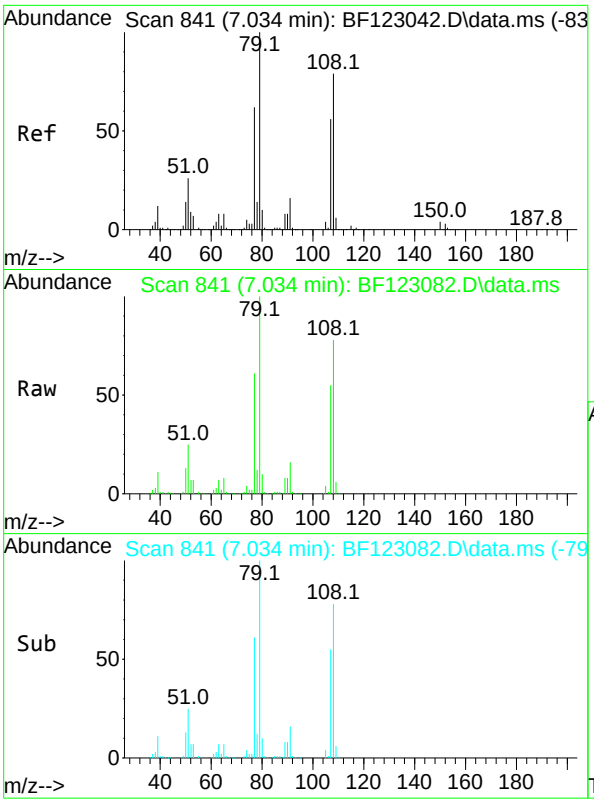
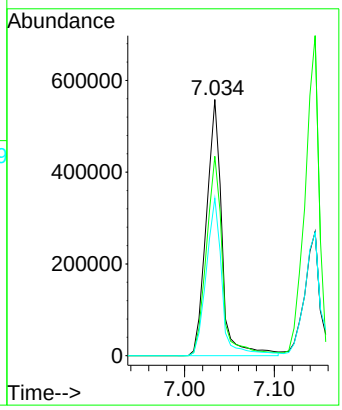
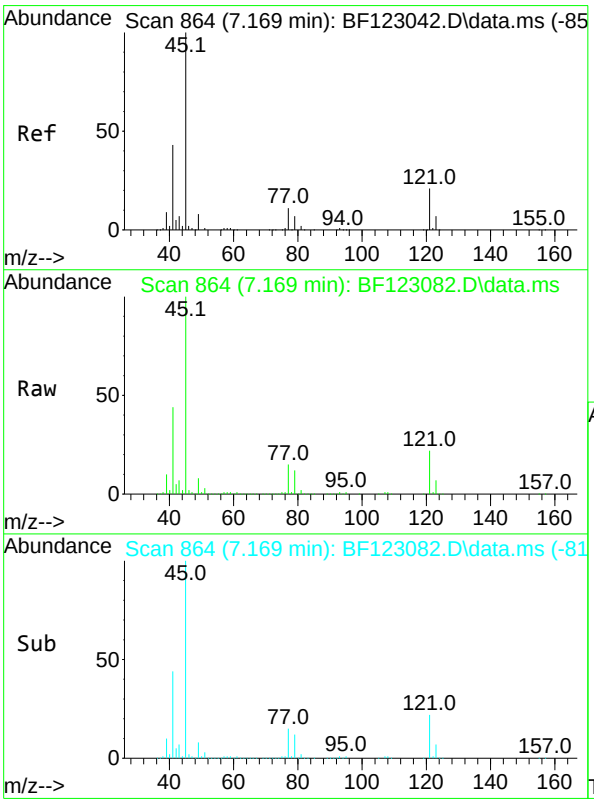


#15
Benzyl Alcohol
Concen: 47.10 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 79 Resp: 672708

Ion	Ratio	Lower	Upper
79	100		
108	77.8	62.4	93.6
77	61.5	49.0	73.6

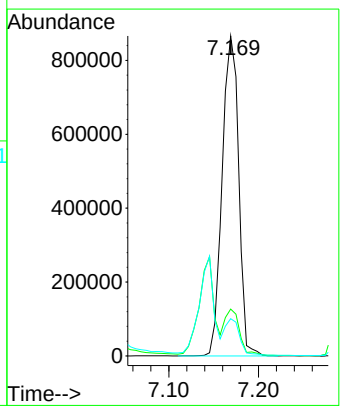




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.66 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 45 Resp: 1106027

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.6
79	11.7	0.0	32.4



Instrument :
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ClientSampleId :
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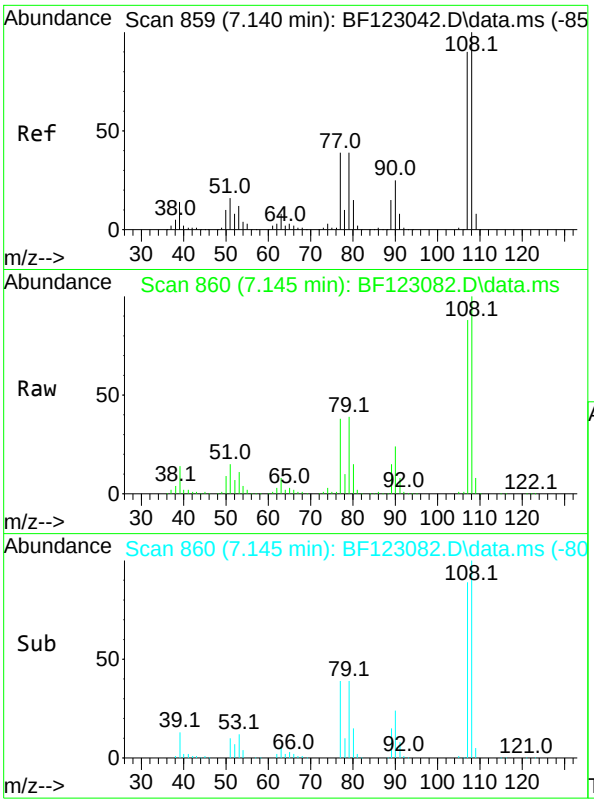
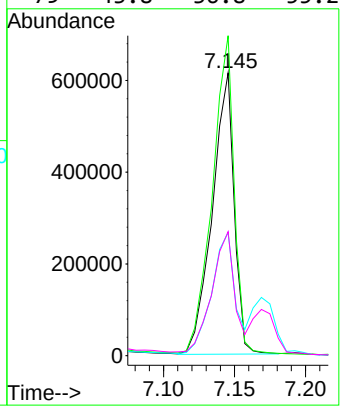


#17
2-Methylphenol
Concen: 47.38 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:107 Resp: 656832

Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.1	136.7
77	43.5	36.3	54.5
79	43.8	36.8	55.2



Instrument :
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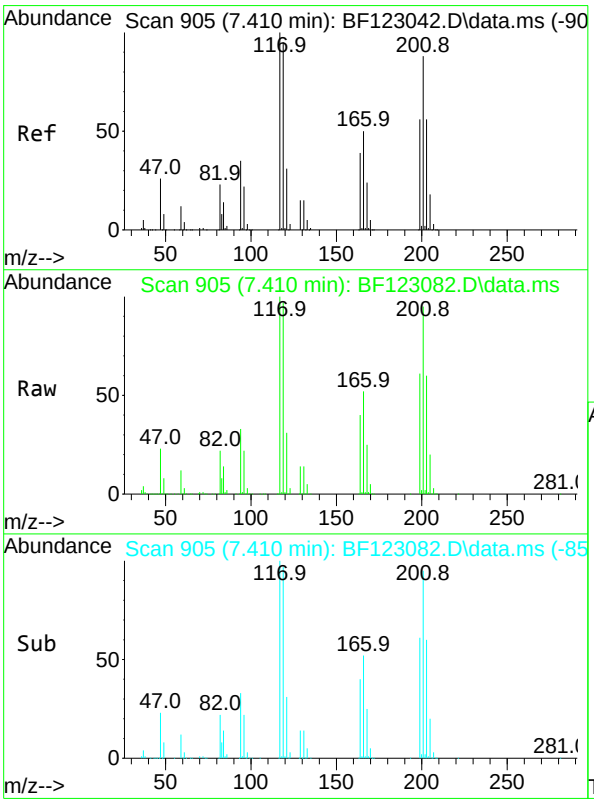
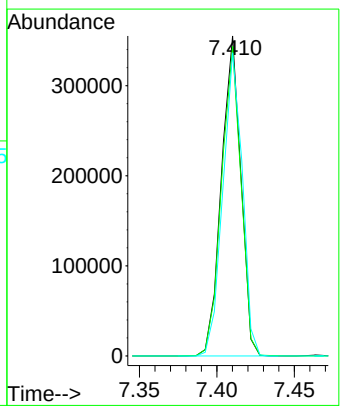
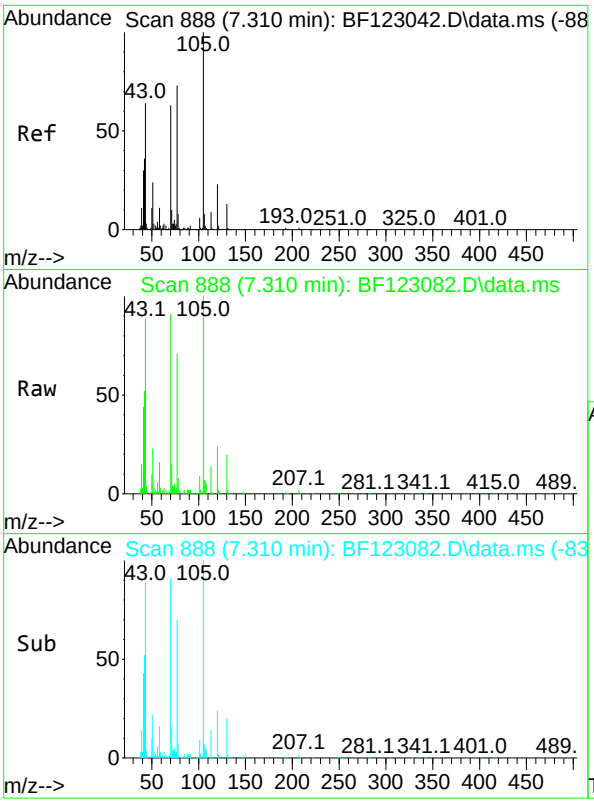


#18
Hexachloroethane
Concen: 44.55 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:117 Resp: 308763

Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.4	117.6
201	94.8	79.6	119.4

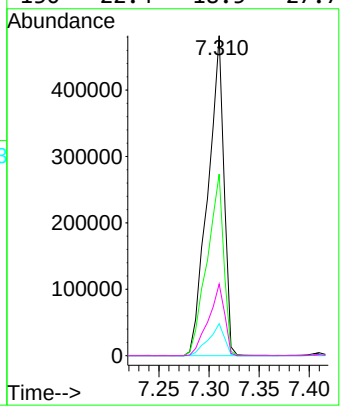


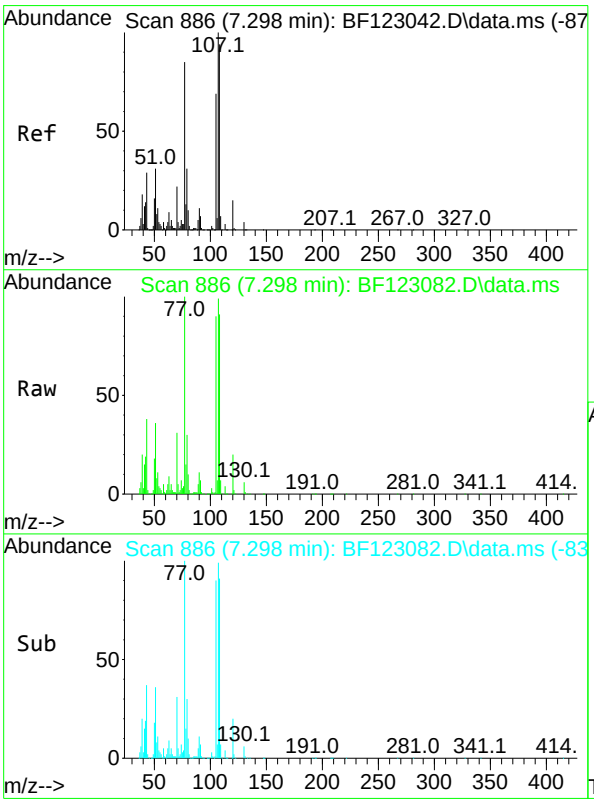


#19
n-Nitroso-di-n-propylamine
Concen: 44.04 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 70 Resp: 539554

Ion	Ratio	Lower	Upper
70	100		
42	56.7	43.0	64.4
101	10.0	7.9	11.9
130	22.4	18.5	27.7

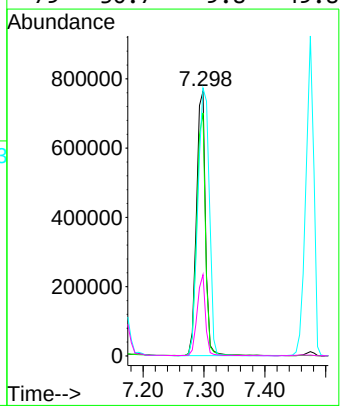




#20
3+4-Methylphenols
Concen: 47.77 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:107 Resp: 780045

Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.7	108.7
77	101.2	89.8	129.8
79	30.7	9.8	49.8



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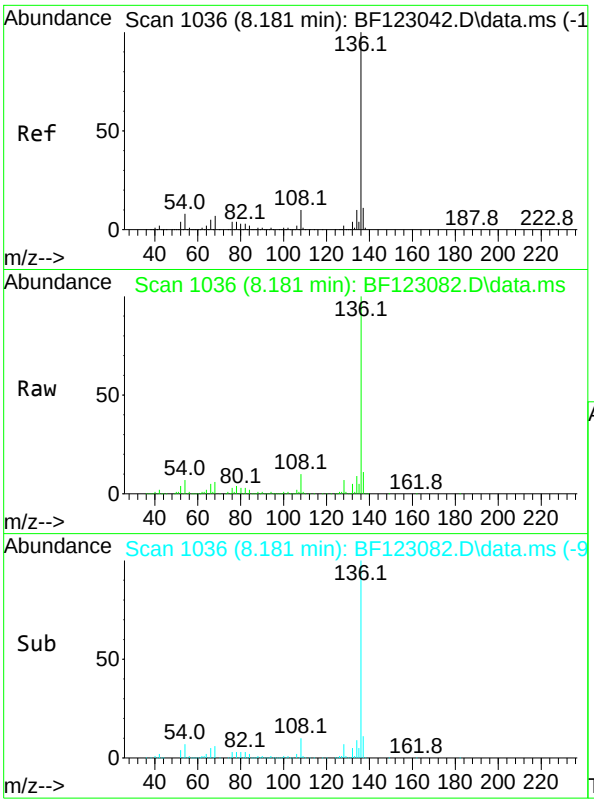
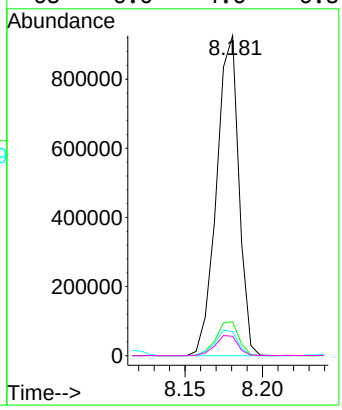
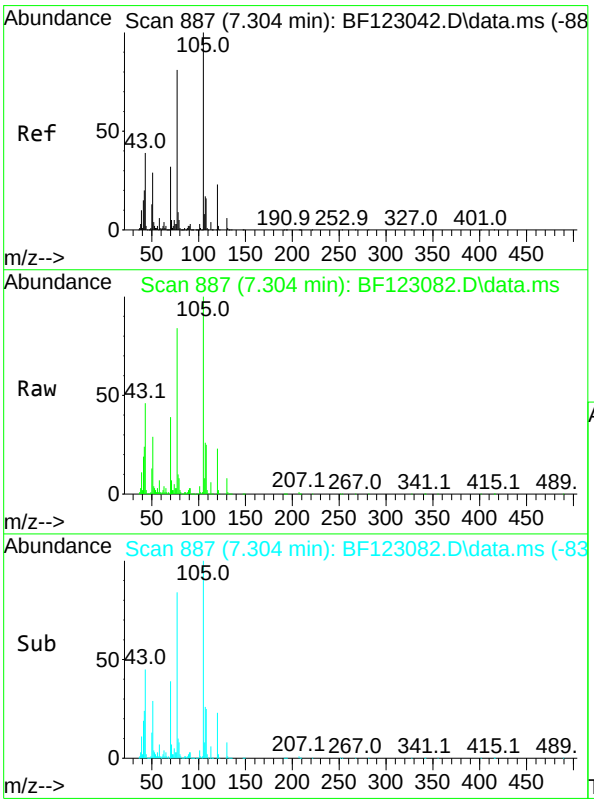


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:136 Resp: 926632

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.5	5.5	8.3
68	6.0	4.6	6.8

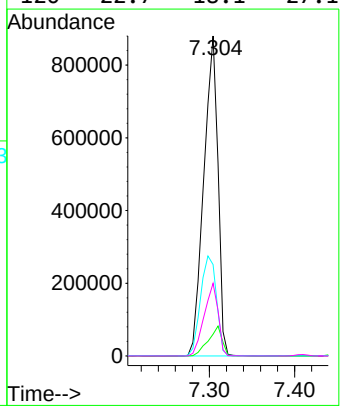




#22
Acetophenone
Concen: 42.15 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:105 Resp: 1017689

Ion	Ratio	Lower	Upper
105	100		
71	6.8	6.5	9.7
51	28.5	24.3	36.5
120	22.7	18.1	27.1



Instrument :
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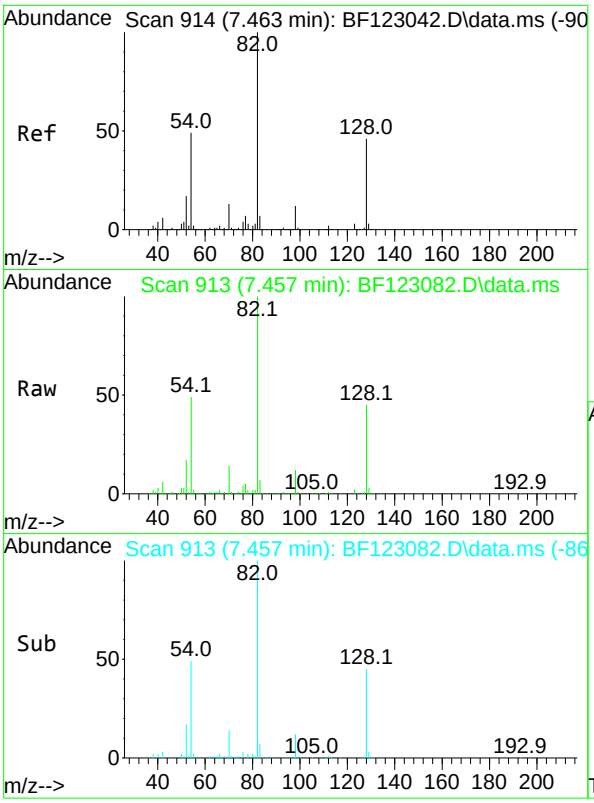
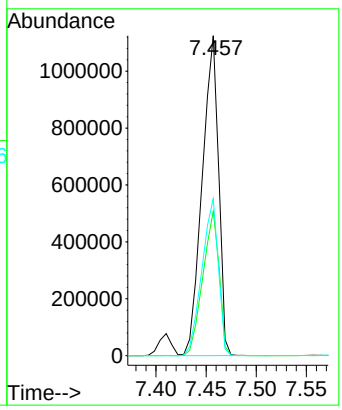


#23
Nitrobenzene-d5
Concen: 69.60 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 82 Resp: 1281450

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.0	55.4
54	49.1	38.4	57.6



Instrument :
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ClientSampleId :
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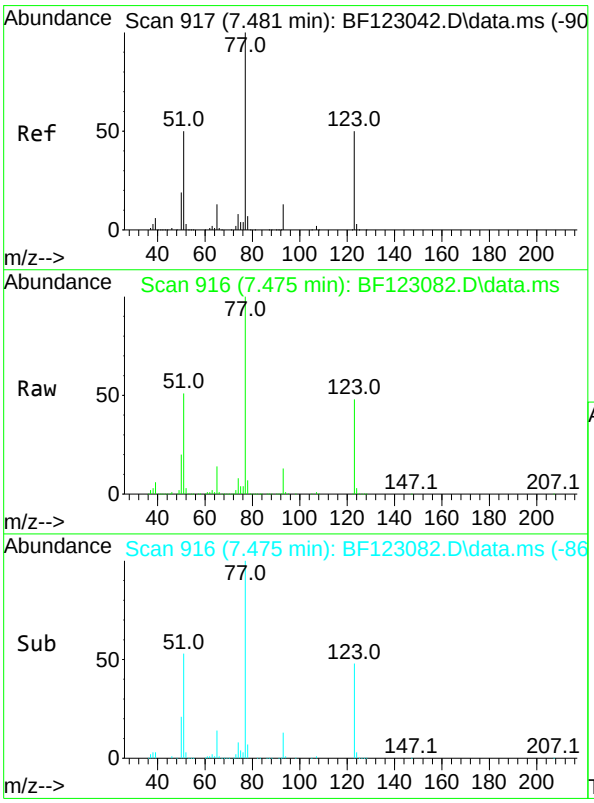
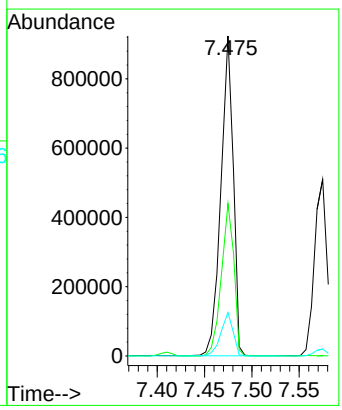
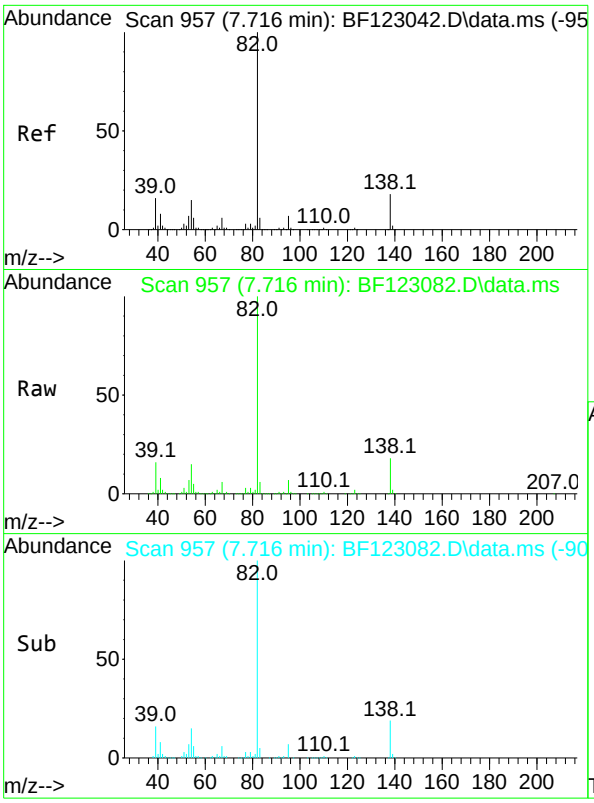


#24
Nitrobenzene
Concen: 44.42 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 77 Resp: 842630

Ion	Ratio	Lower	Upper
77	100		
123	47.6	39.3	58.9
65	13.6	10.6	15.8

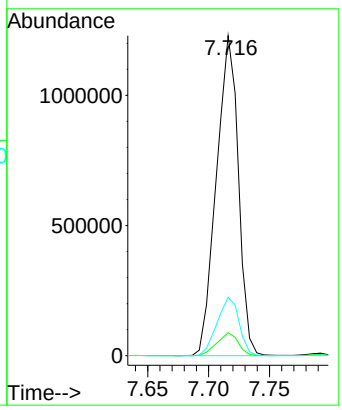




#25
Isophorone
Concen: 45.71 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 82 Resp: 1541553

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	18.3	14.6	21.8



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ClientSampleId :
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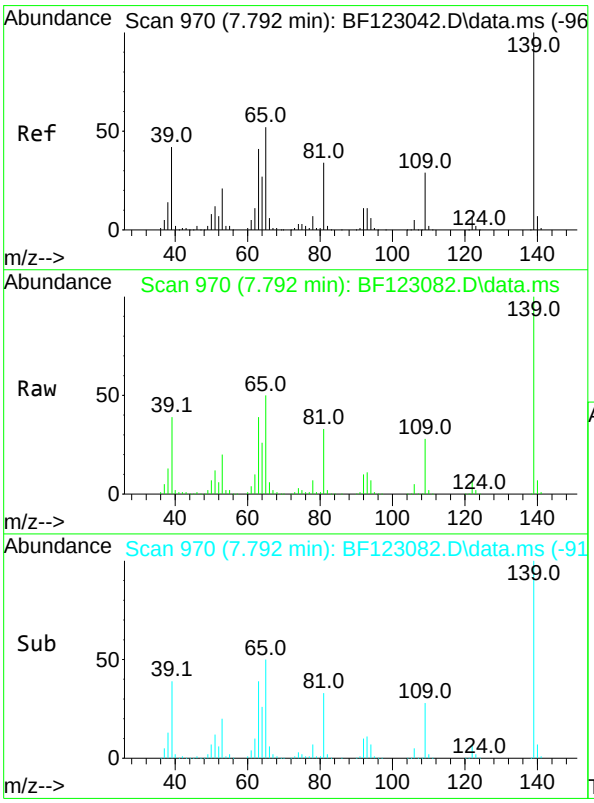
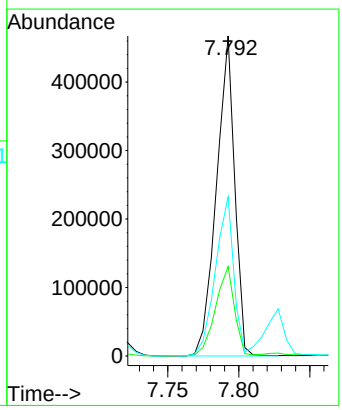
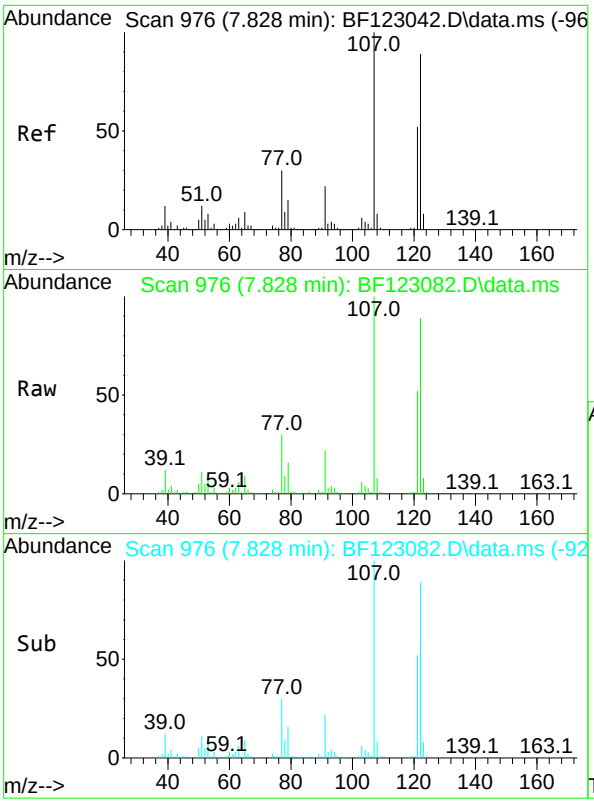


#26
2-Nitrophenol
Concen: 53.23 ng
RT: 7.792 min Scan# 970
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:139 Resp: 417603

Ion	Ratio	Lower	Upper
139	100		
109	28.0	24.0	36.0
65	49.8	40.9	61.3

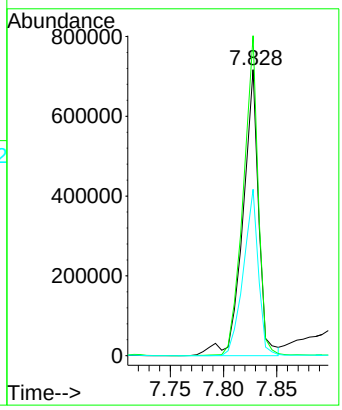


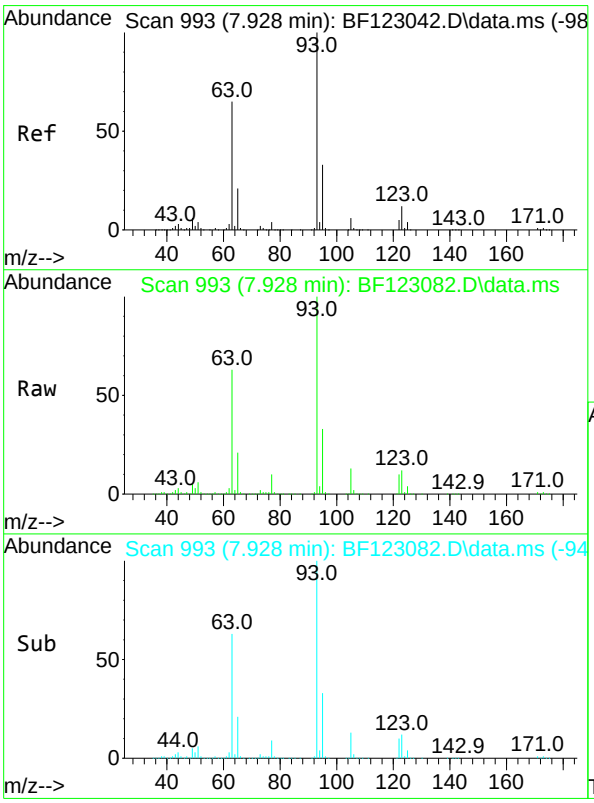


#27
2,4-Dimethylphenol
Concen: 52.21 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:122 Resp: 739096

Ion	Ratio	Lower	Upper
122	100		
107	111.8	91.8	137.8
121	58.2	47.3	70.9

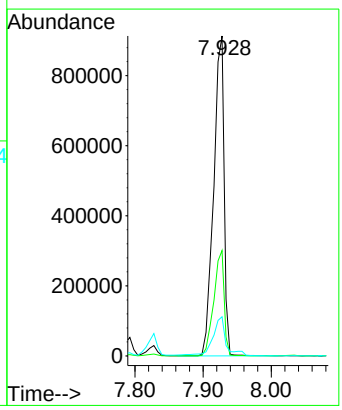




#28
bis(2-Chloroethoxy)methane
Concen: 42.26 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 93 Resp: 972541

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.2
123	12.3	9.2	13.8



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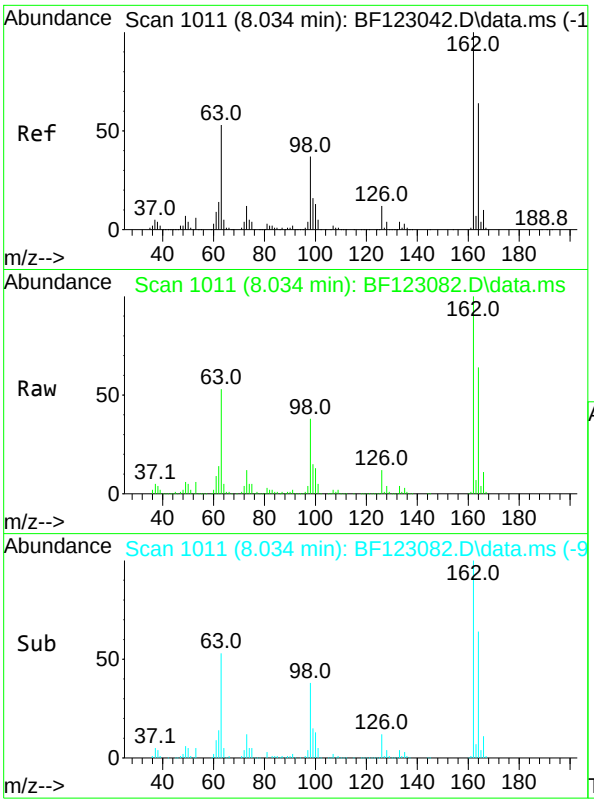
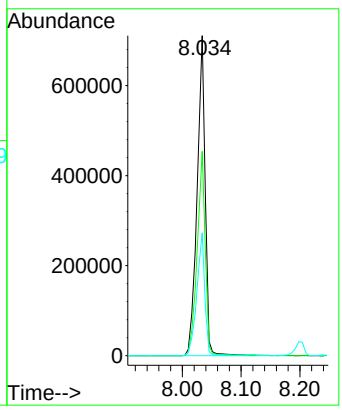
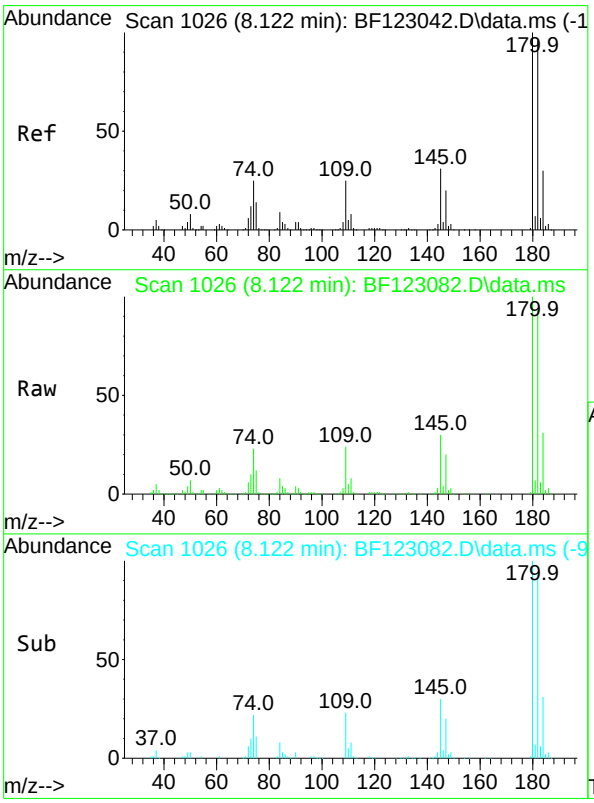


#29
2,4-Dichlorophenol
Concen: 46.13 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:162 Resp: 682865

Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.2	83.2
98	38.4	15.2	55.2

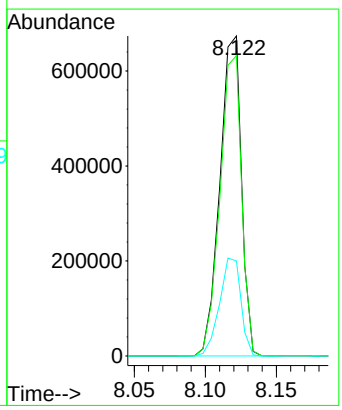




#30
1,2,4-Trichlorobenzene
Concen: 42.58 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:180 Resp: 710049

Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.7	113.5
145	29.7	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
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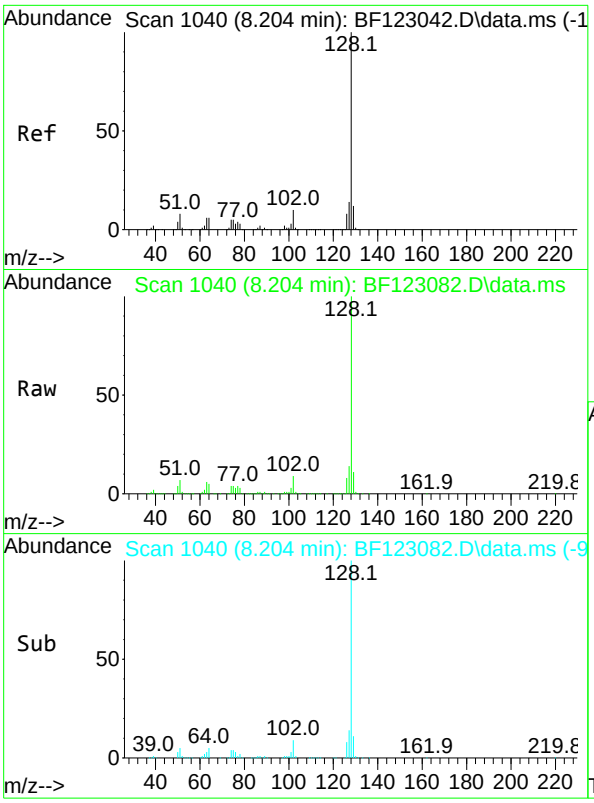
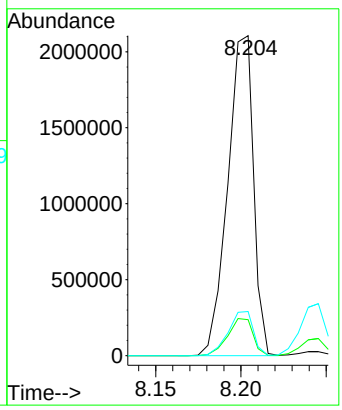
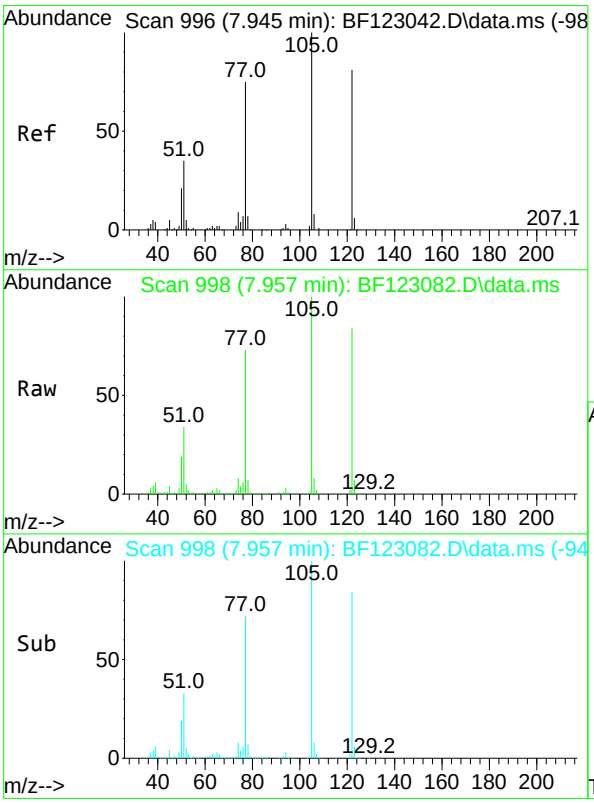


#31
Naphthalene
Concen: 43.60 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:128 Resp: 2216327

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.8	10.7	16.1

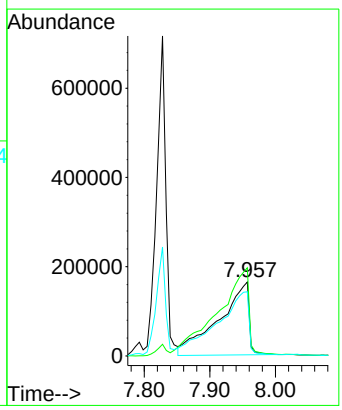




#32
Benzoic acid
Concen: 45.96 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.012 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:122 Resp: 521405

Ion	Ratio	Lower	Upper
122	100		
105	119.3	104.8	144.8
77	86.9	71.0	111.0



Instrument :
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ClientSampleId :
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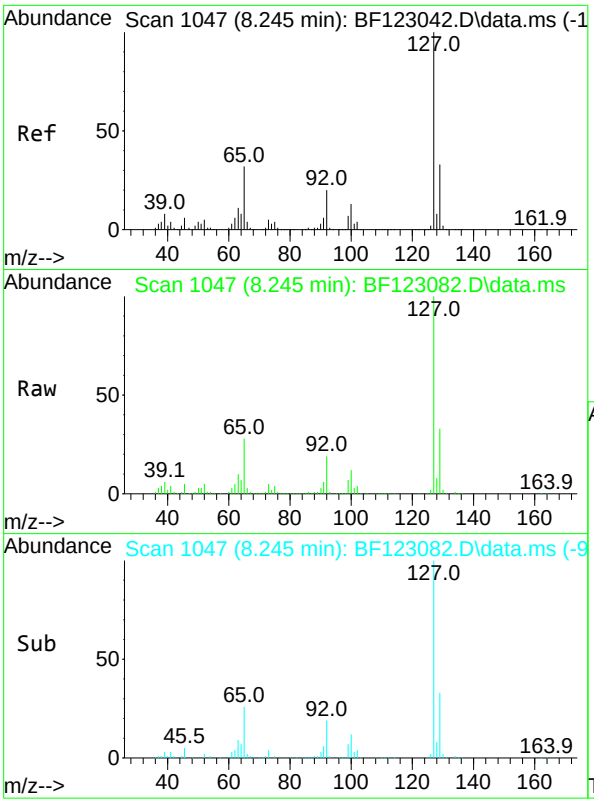
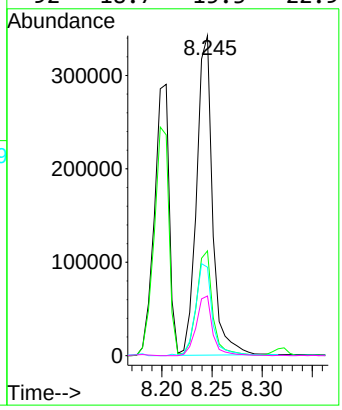
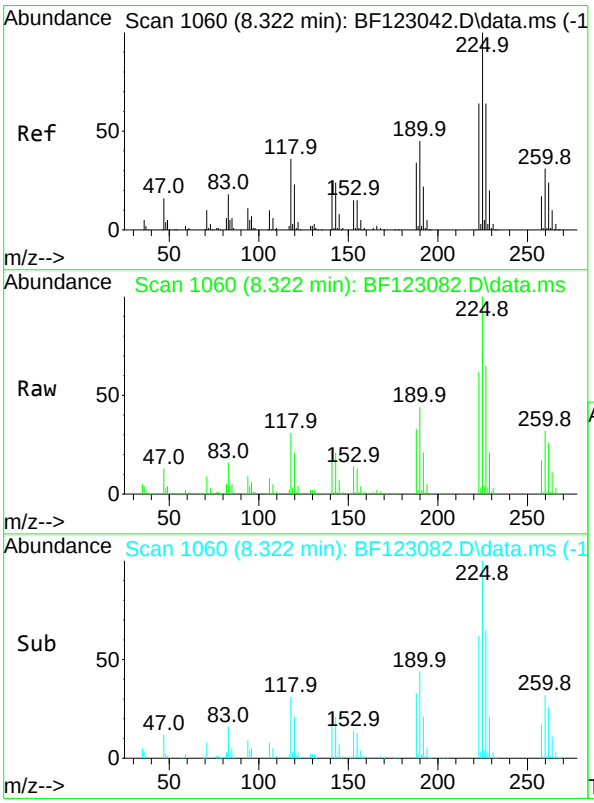


#33
4-Chloroaniline
Concen: 16.82 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:127 Resp: 379481

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	27.7	22.2	33.2
92	18.7	15.3	22.9

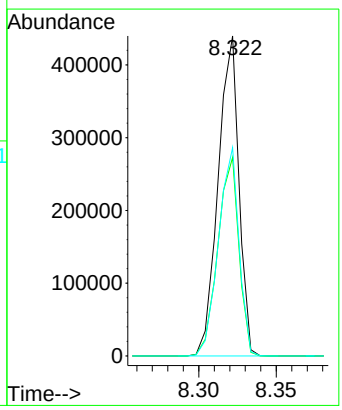




#34
Hexachlorobutadiene
Concen: 42.49 ng
RT: 8.322 min Scan# 1060
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:225 Resp: 409358

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	65.1	51.7	77.5



Instrument :
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ClientSampleId :
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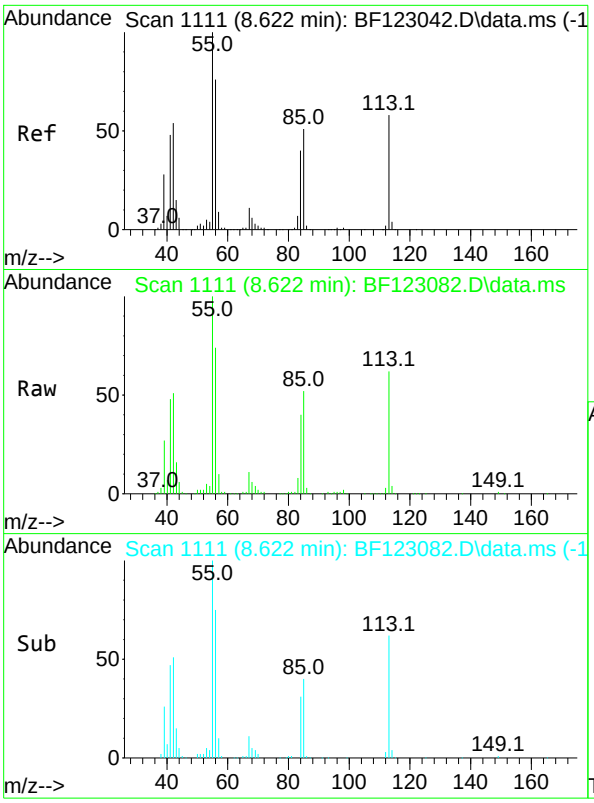
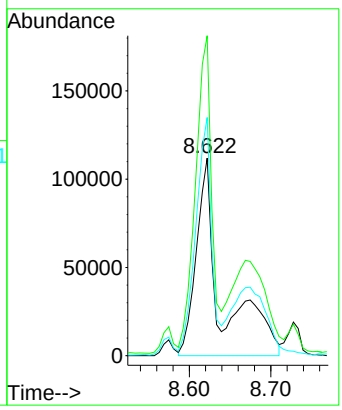


#35
Caprolactam
Concen: 48.00 ng m
RT: 8.622 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:113 Resp: 240109

Ion	Ratio	Lower	Upper
113	100		
55	161.9	133.7	173.7
56	120.6	95.3	135.3



Instrument :
BNA_F
ClientSampleId :
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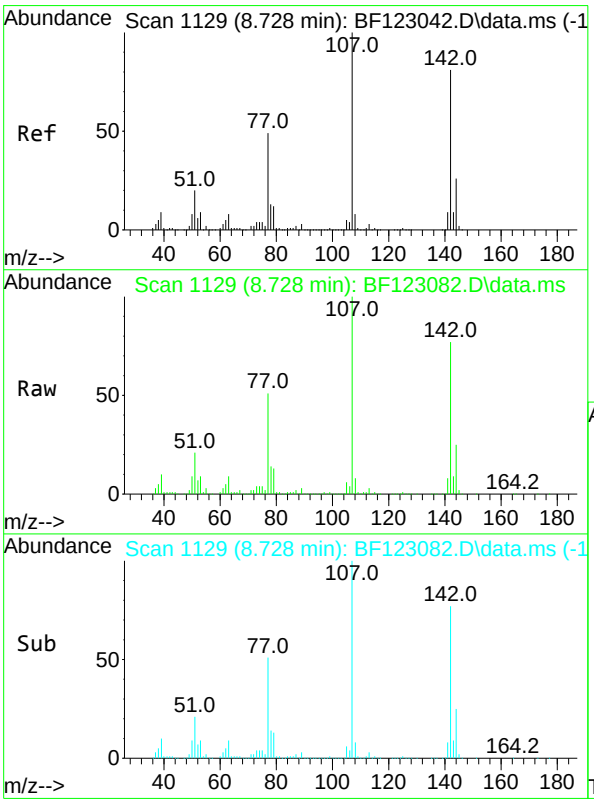
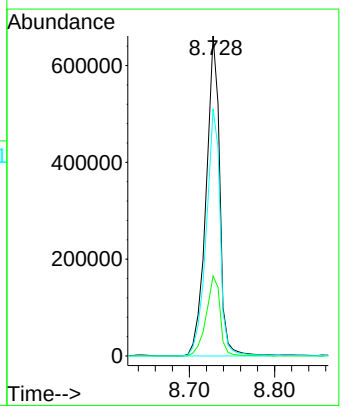
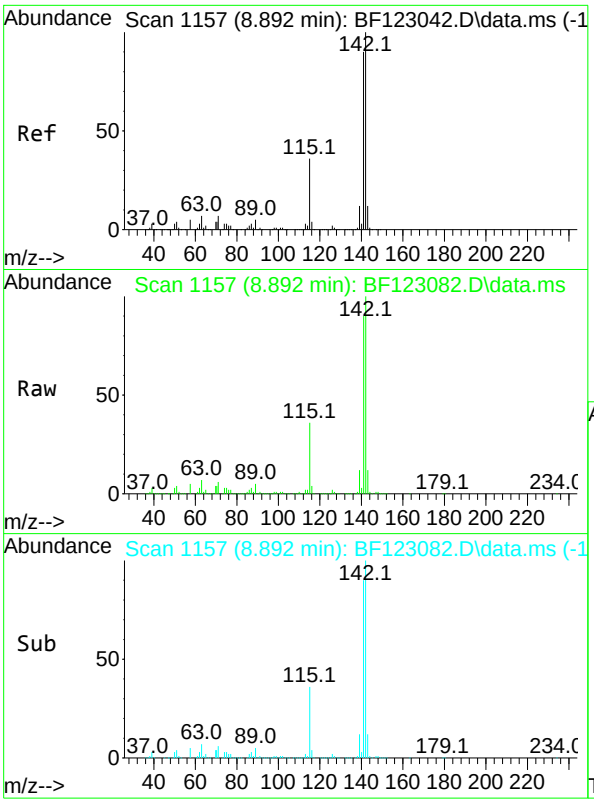


#36
4-Chloro-3-methylphenol
Concen: 47.85 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:107 Resp: 736552

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.2	30.2
142	77.2	64.4	96.6

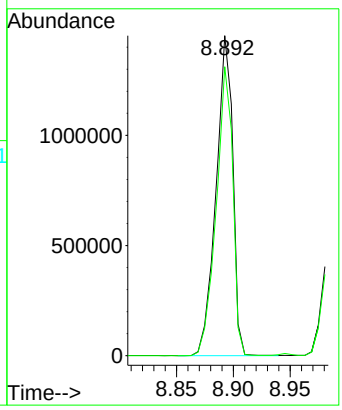




#37
2-Methylnaphthalene
Concen: 44.17 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:142 Resp: 1490317

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.6	106.0



Instrument :
BNA_F
ClientSampleId :
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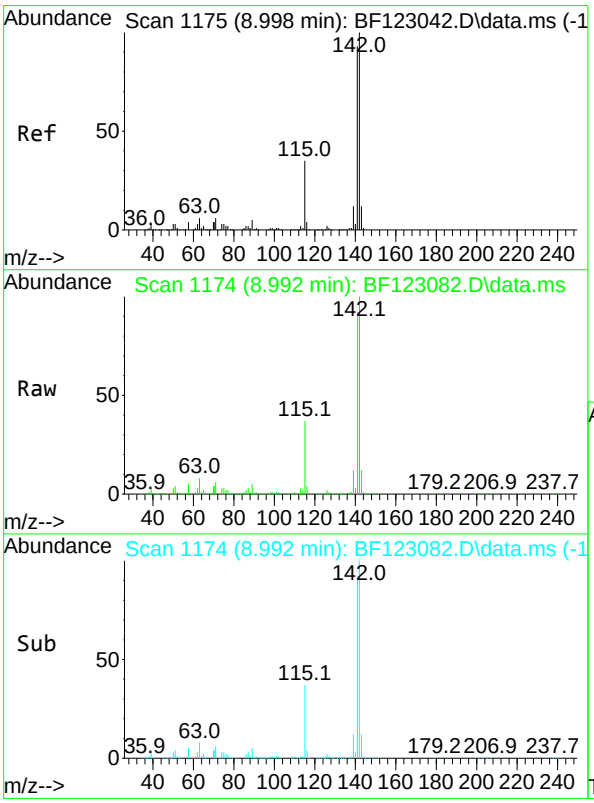
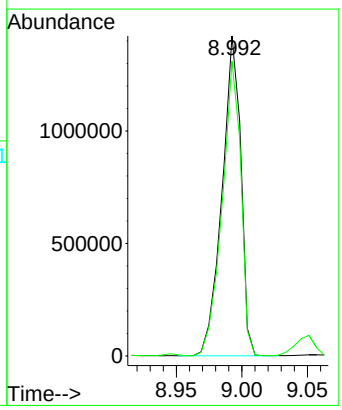
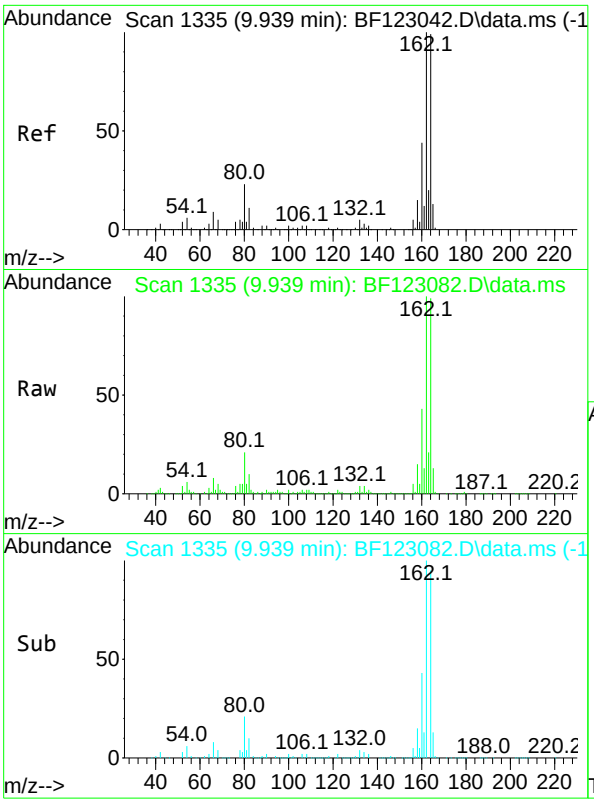


#38
1-Methylnaphthalene
Concen: 44.22 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:142 Resp: 1412735

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.5	111.7

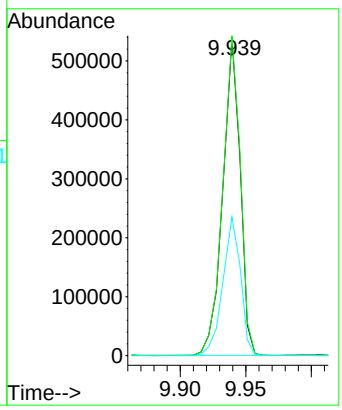




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:164 Resp: 496621

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.8	121.2
160	43.7	35.4	53.0



Instrument :
BNA_F
ClientSampleId :
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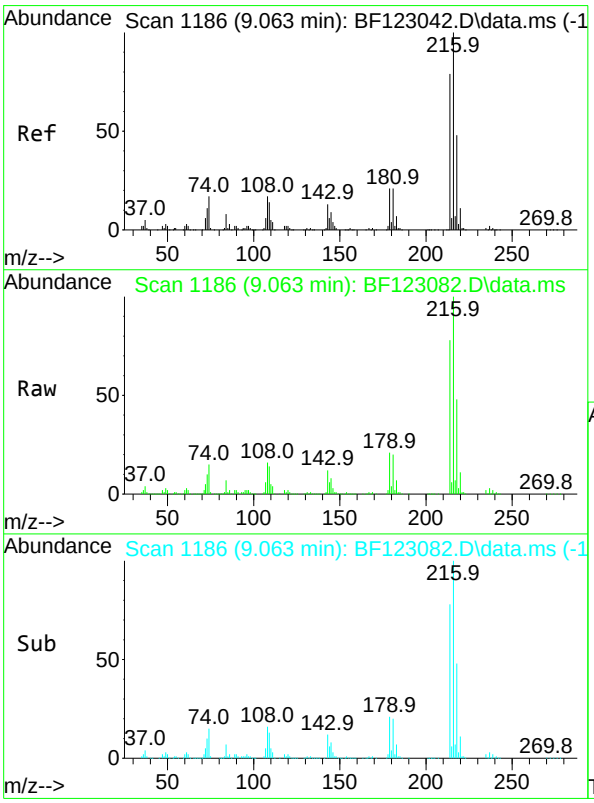
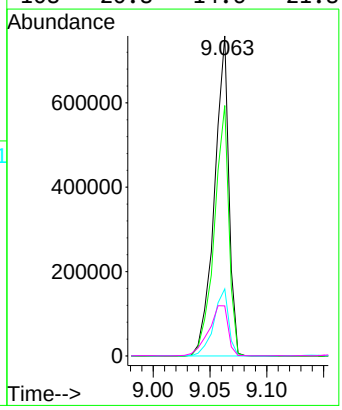
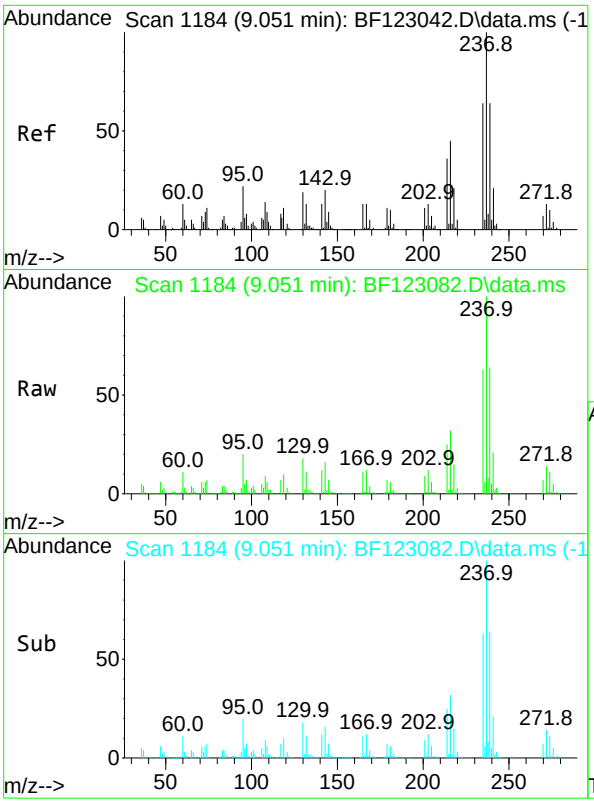


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.44 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:216 Resp: 671063

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.1	94.7
179	21.5	17.1	25.7
108	20.8	14.6	21.8

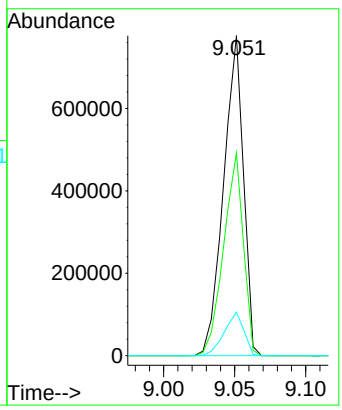




#41
Hexachlorocyclopentadiene
Concen: 102.78 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:237 Resp: 753768

Ion	Ratio	Lower	Upper
237	100		
235	63.4	40.9	80.9
272	13.6	0.0	33.4



Instrument :
BNA_F
ClientSampleId :
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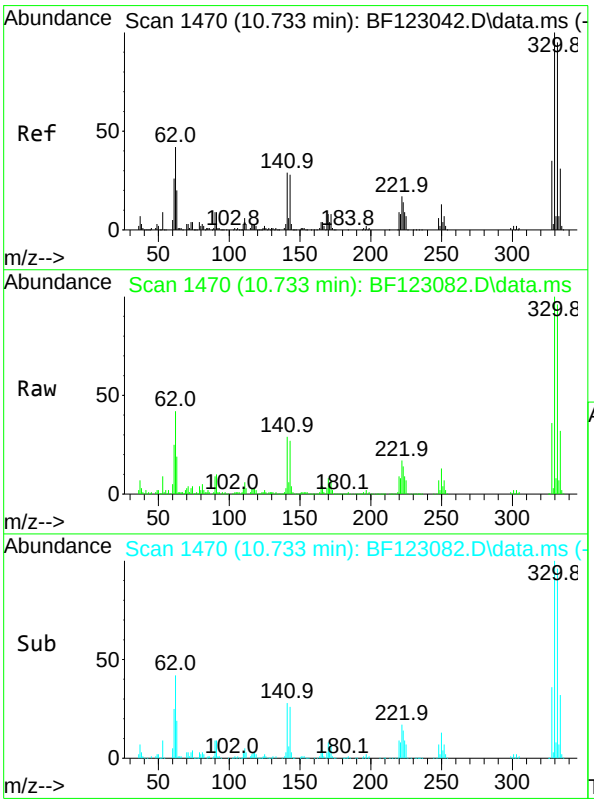
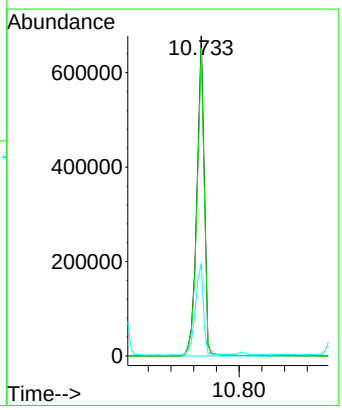
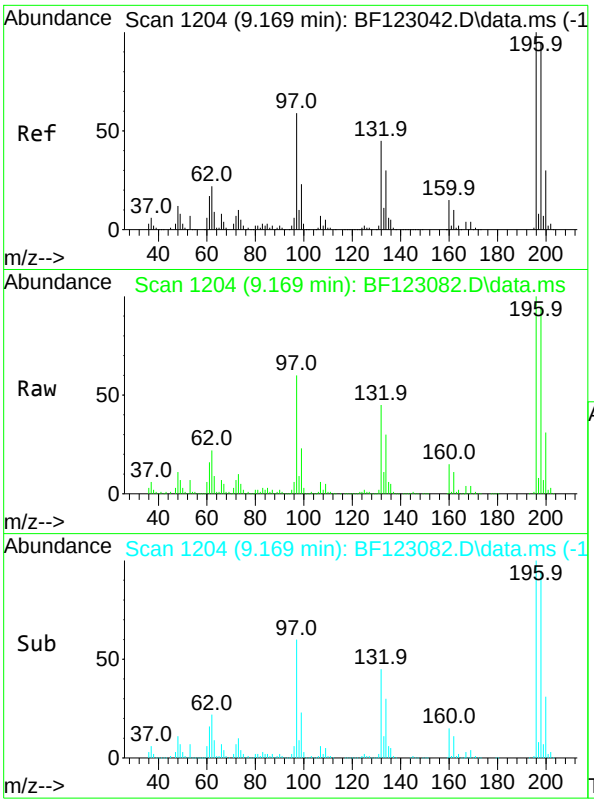


#42
2,4,6-Tribromophenol
Concen: 115.35 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:330 Resp: 621860

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.5	116.3
141	31.4	23.8	35.8

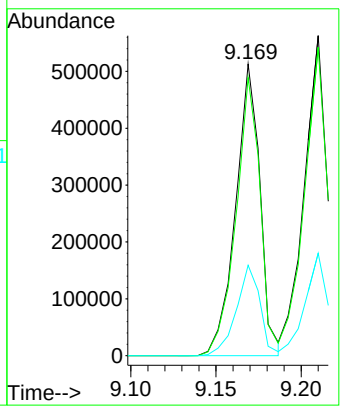




#43
2,4,6-Trichlorophenol
Concen: 48.14 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:196 Resp: 509862

Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.1	112.7
200	31.0	23.7	35.5



Instrument :
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ClientSampleId :
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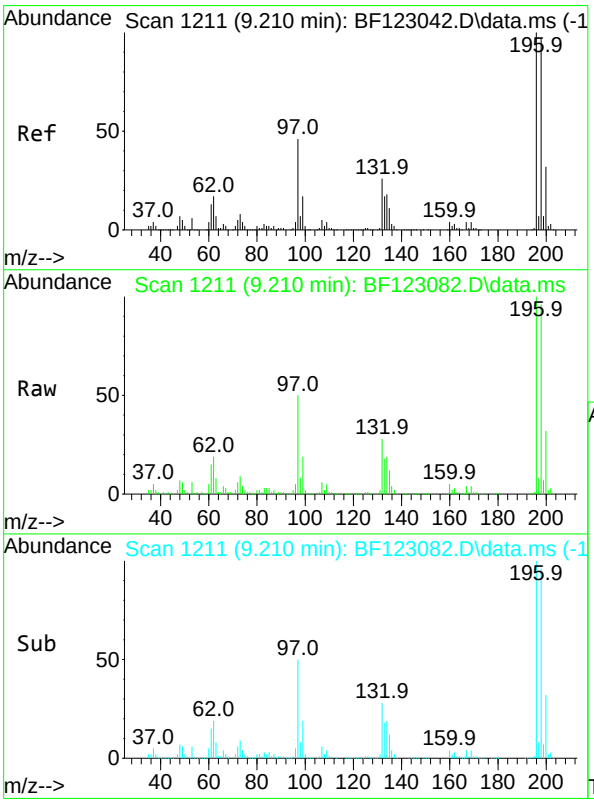
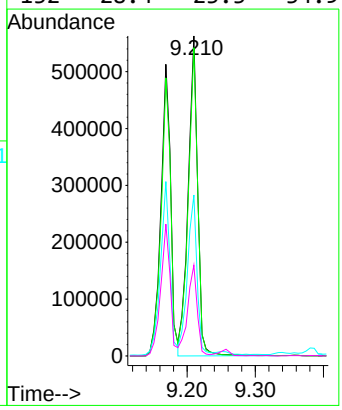
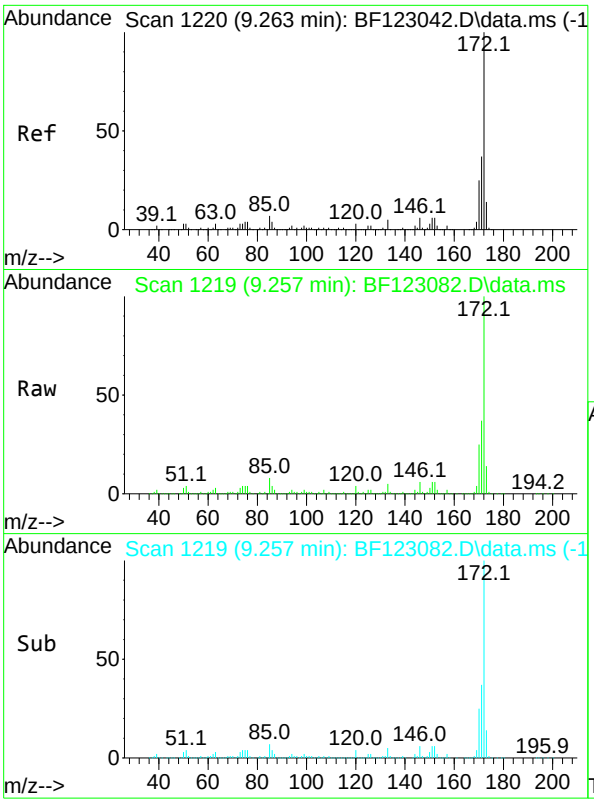


#44
2,4,5-Trichlorophenol
Concen: 48.78 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:196 Resp: 540305

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.5	114.7
97	50.3	40.1	60.1
132	28.4	23.3	34.9

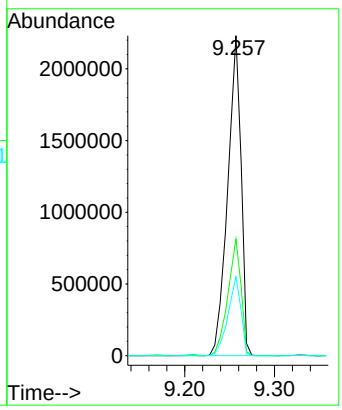


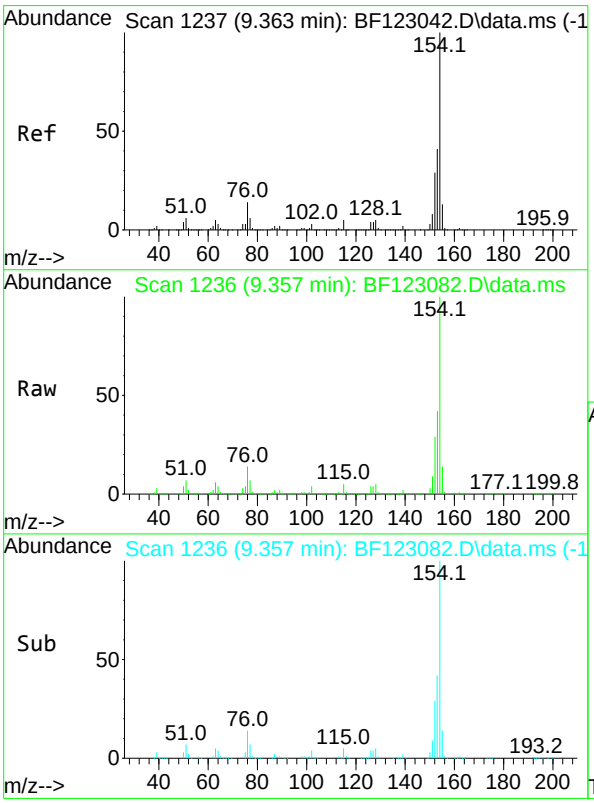


#45
2-Fluorobiphenyl
Concen: 69.02 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:172 Resp: 2305779

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.5	29.3

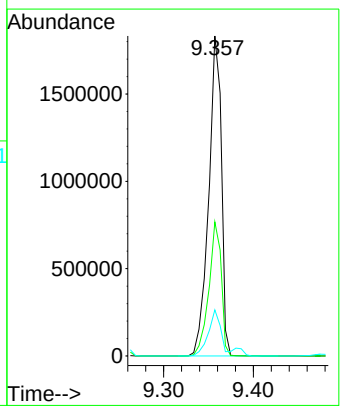




#46
1,1'-Biphenyl
Concen: 44.21 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:154 Resp: 1801047

Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.8	61.8
76	14.4	0.0	33.4



Instrument :
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ClientSampleId :
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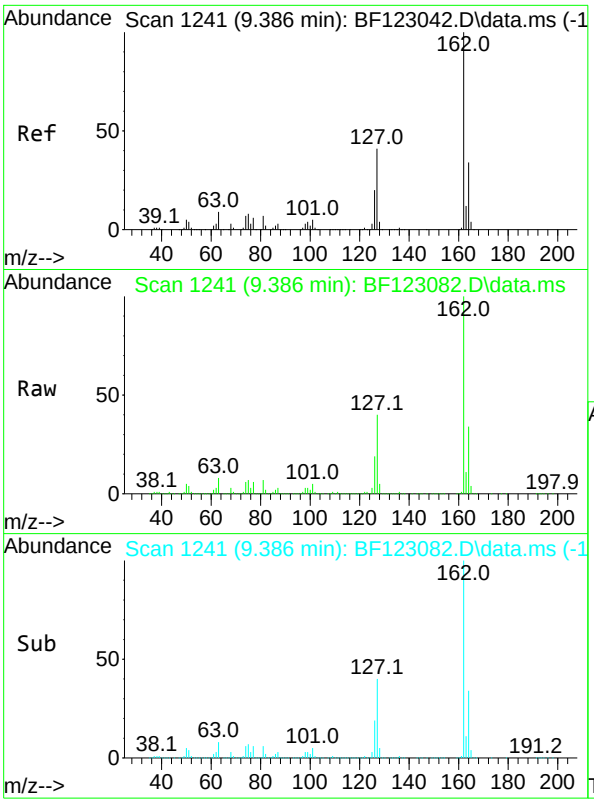
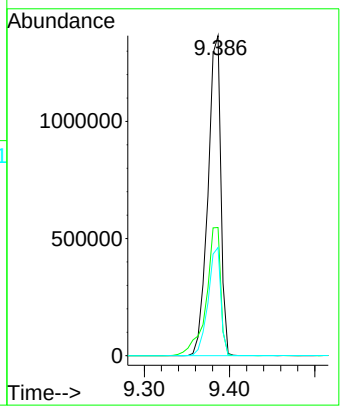
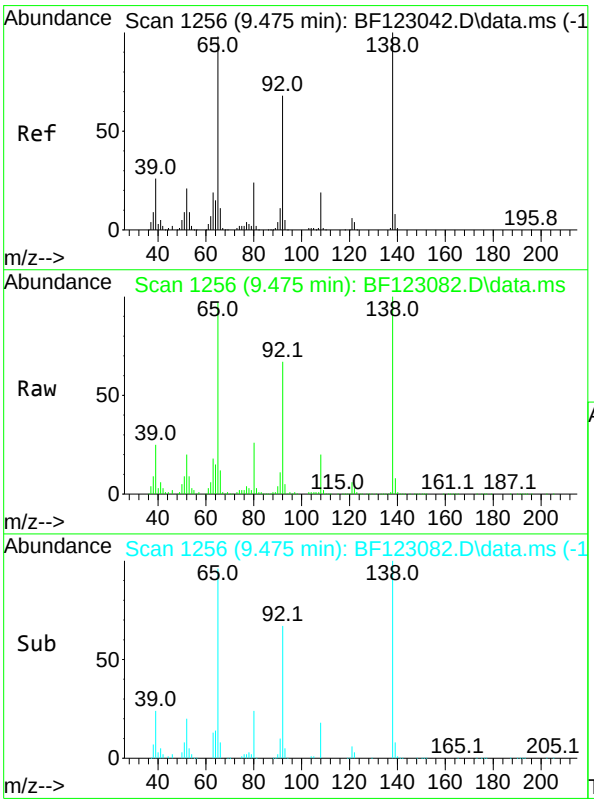


#47
2-Chloronaphthalene
Concen: 42.03 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:162 Resp: 1433158

Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.8	50.8
164	33.8	26.5	39.7

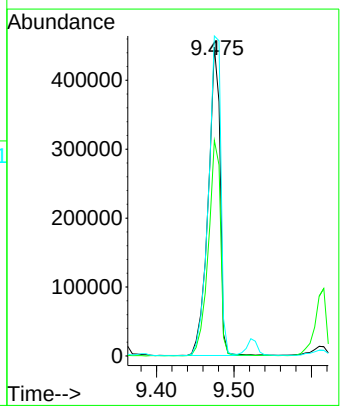




#48
2-Nitroaniline
Concen: 46.34 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 65 Resp: 478952

Ion	Ratio	Lower	Upper
65	100		
92	69.8	60.0	90.0
138	103.6	100.6	151.0



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ClientSampleId :
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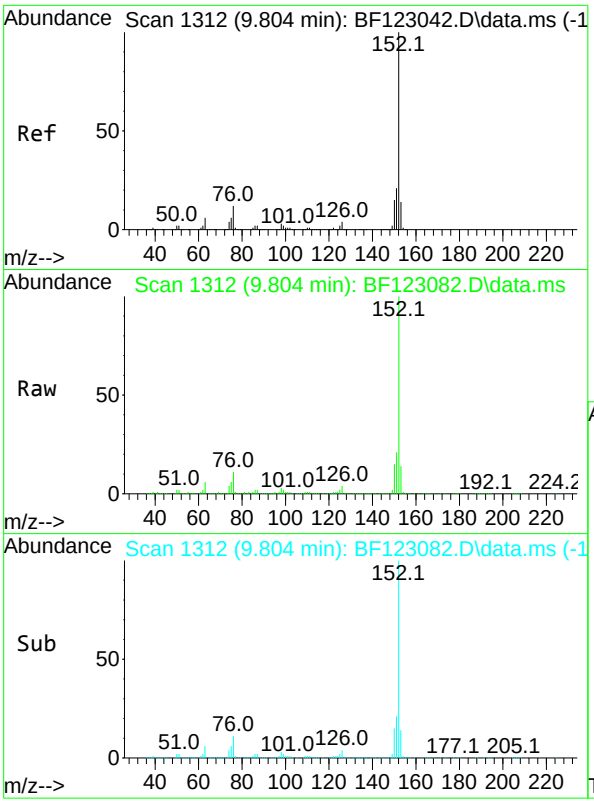
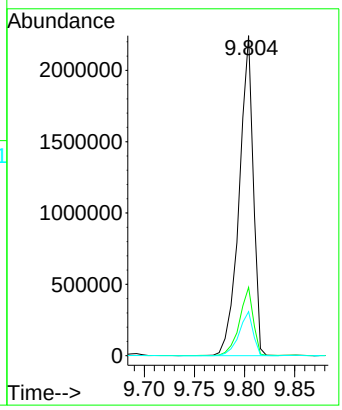


#49
Acenaphthylene
Concen: 44.11 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:152 Resp: 2201437

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.6	25.0
153	13.8	10.9	16.3



Instrument :
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ClientSampleId :
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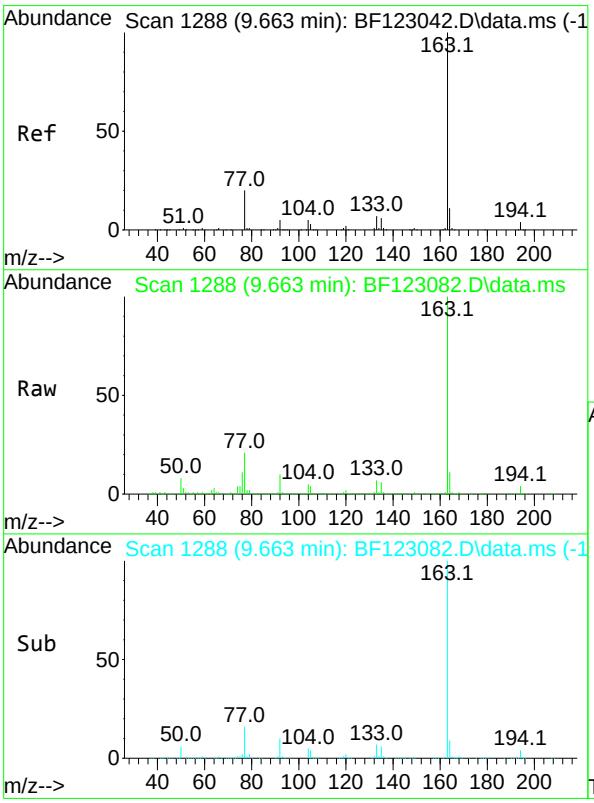
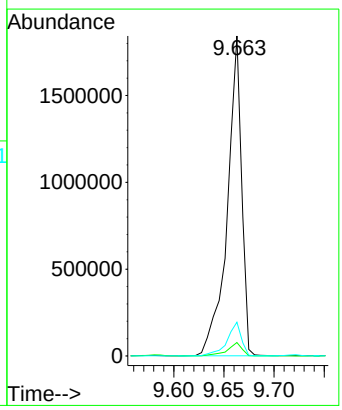
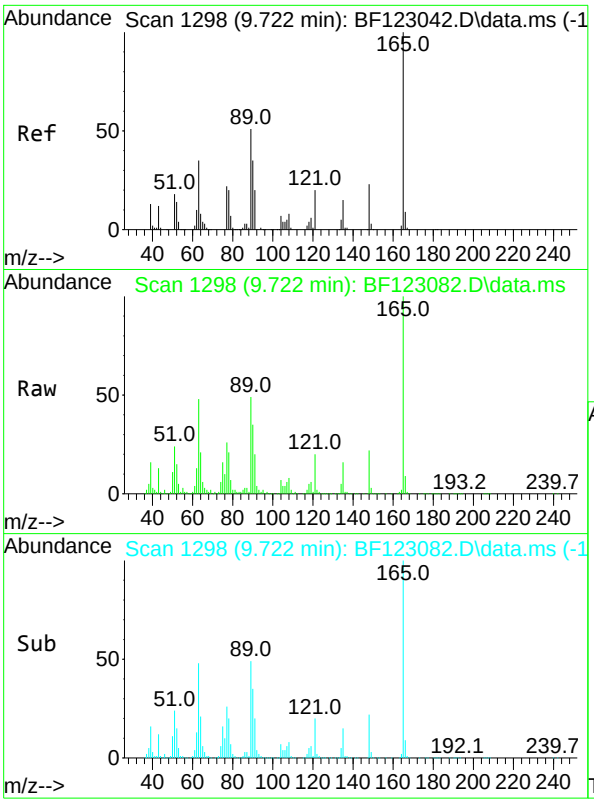


#50
Dimethylphthalate
Concen: 46.88 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:163 Resp: 1826536

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.6	8.1	12.1

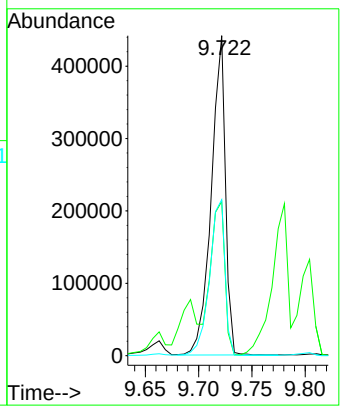




#51
2,6-Dinitrotoluene
Concen: 49.06 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:165 Resp: 407167

Ion	Ratio	Lower	Upper
165	100		
63	48.2	36.6	55.0
89	48.8	39.4	59.0



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ClientSampleId :
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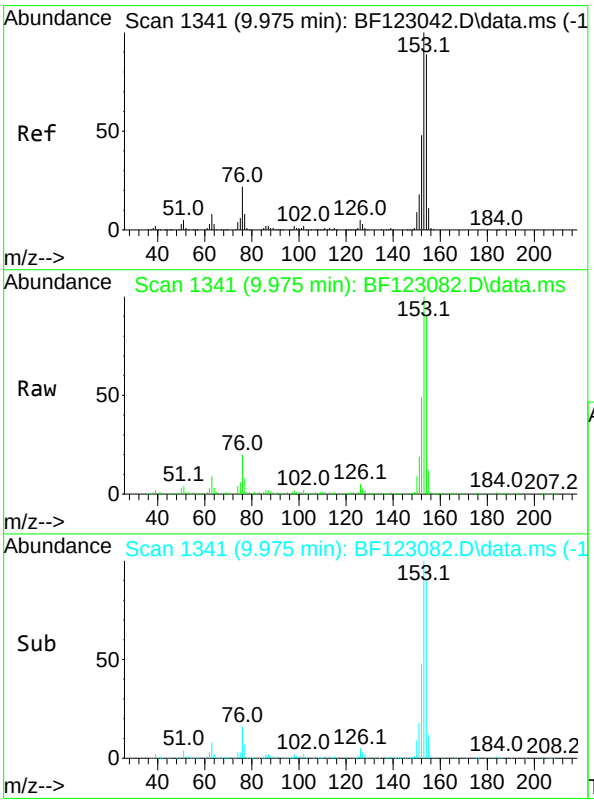
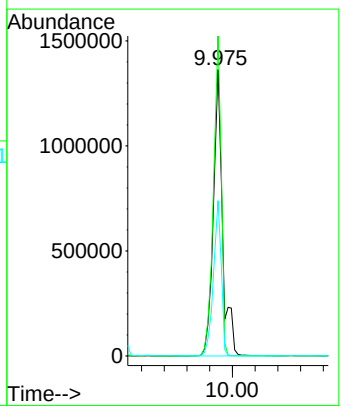


#52
Acenaphthene
Concen: 48.07 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:154 Resp: 1541189

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.0	133.6
152	54.2	42.7	64.1



Instrument :
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ClientSampleId :
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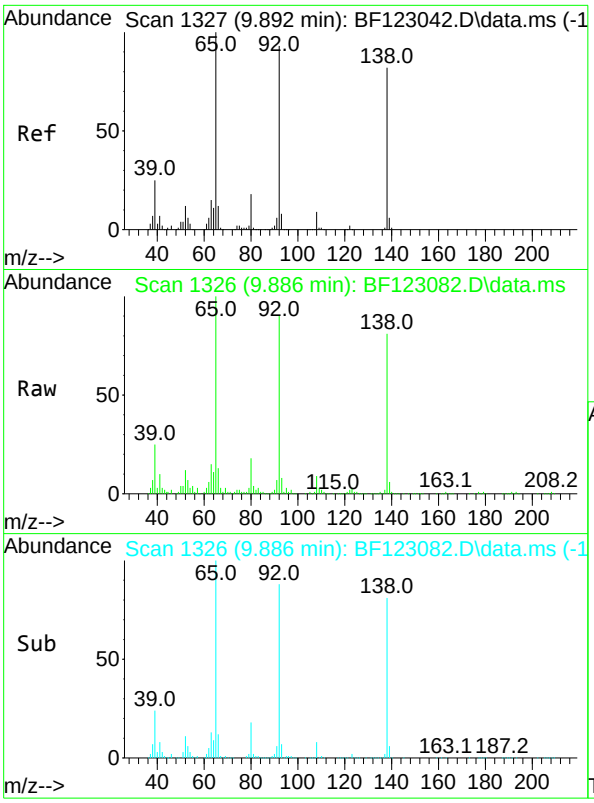
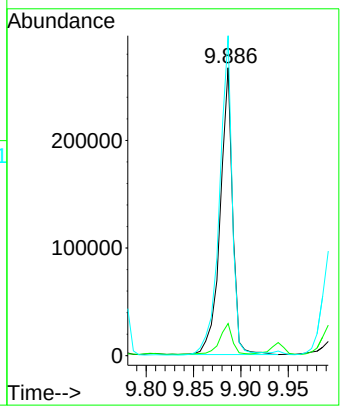
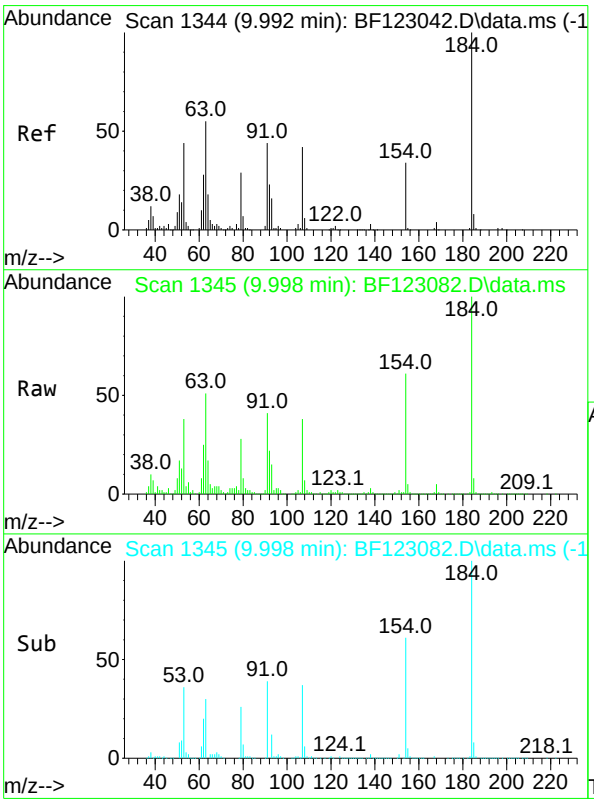


#53
3-Nitroaniline
Concen: 24.83 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:138 Resp: 243706

Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.2	12.2
92	111.1	85.4	128.2

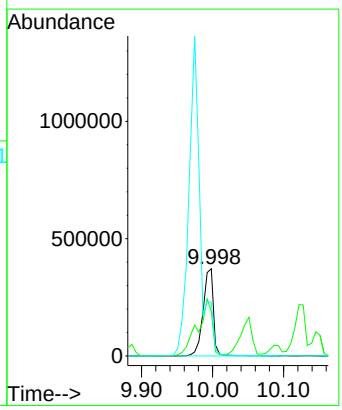


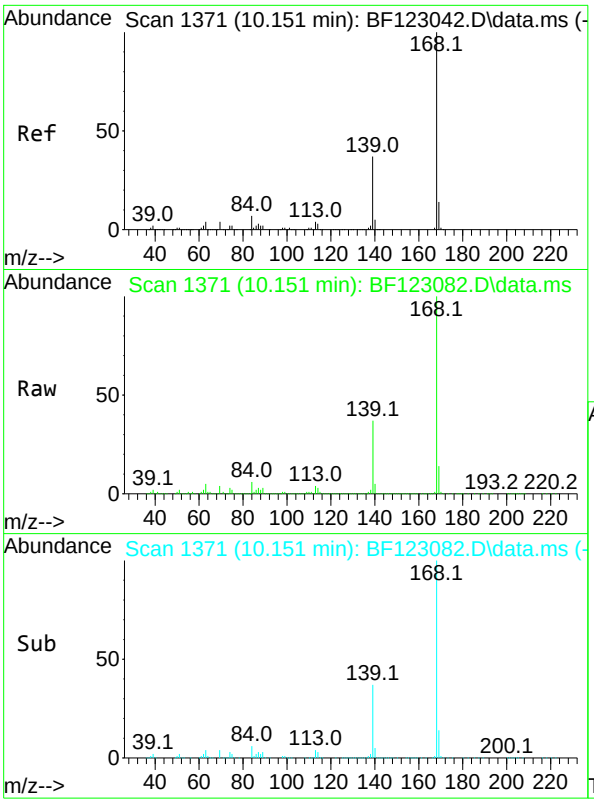


#54
2,4-Dinitrophenol
Concen: 97.90 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:184 Resp: 377950

Ion	Ratio	Lower	Upper
184	100		
63	50.9	51.4	77.2#
154	61.3	49.7	74.5

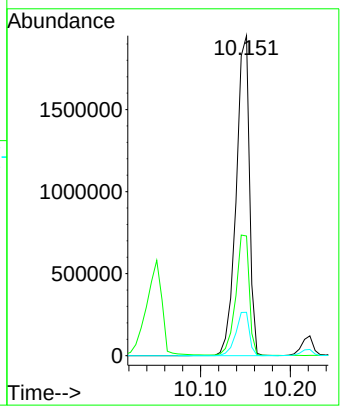




#55
Dibenzofuran
Concen: 42.76 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:168 Resp: 1994640

Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.3	46.9
169	13.5	11.2	16.8



Instrument :
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ClientSampleId :
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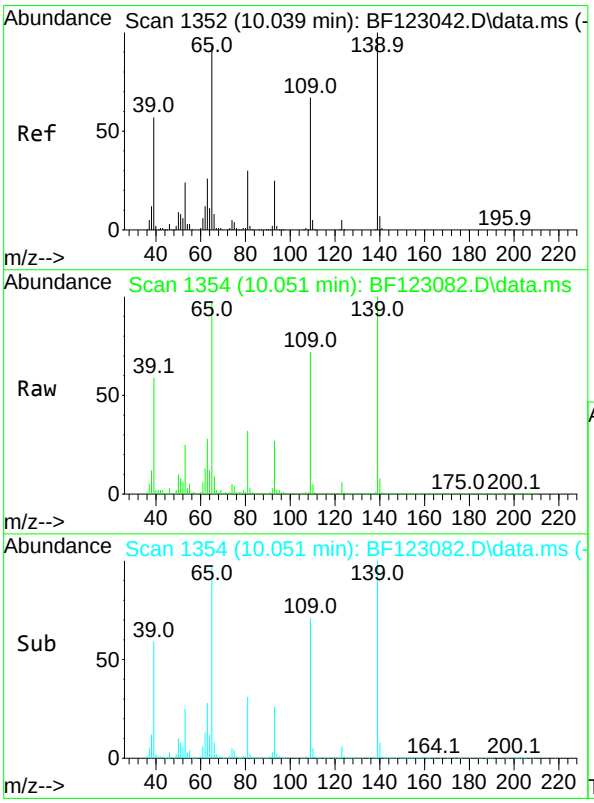
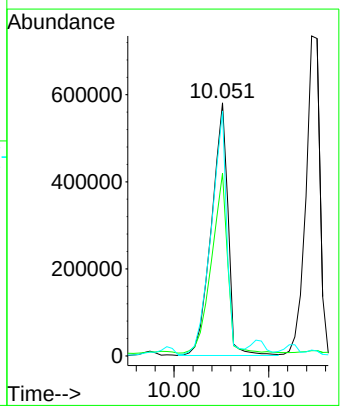
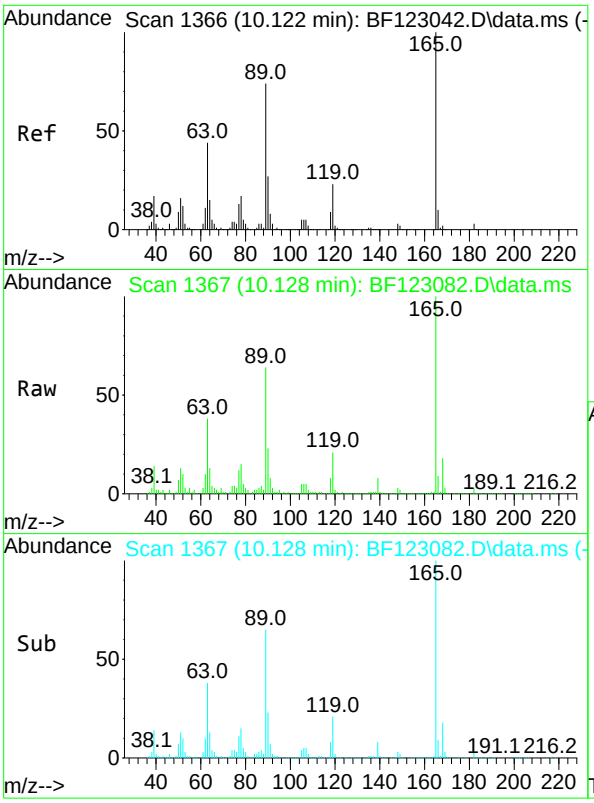


#56
4-Nitrophenol
Concen: 99.37 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:139 Resp: 705007

Ion	Ratio	Lower	Upper
139	100		
109	72.2	45.1	85.1
65	96.8	59.2	99.2

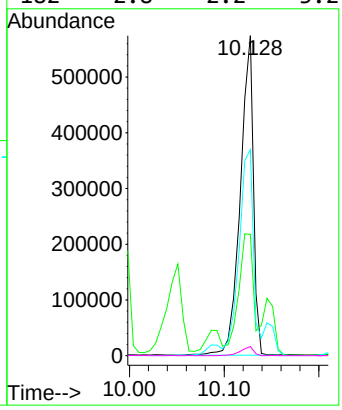




#57
2,4-Dinitrotoluene
Concen: 50.72 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:165 Resp: 547497

Ion	Ratio	Lower	Upper
165	100		
63	37.9	34.3	51.5
89	64.4	55.2	82.8
182	2.8	2.2	3.2



Instrument :
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ClientSampleId :
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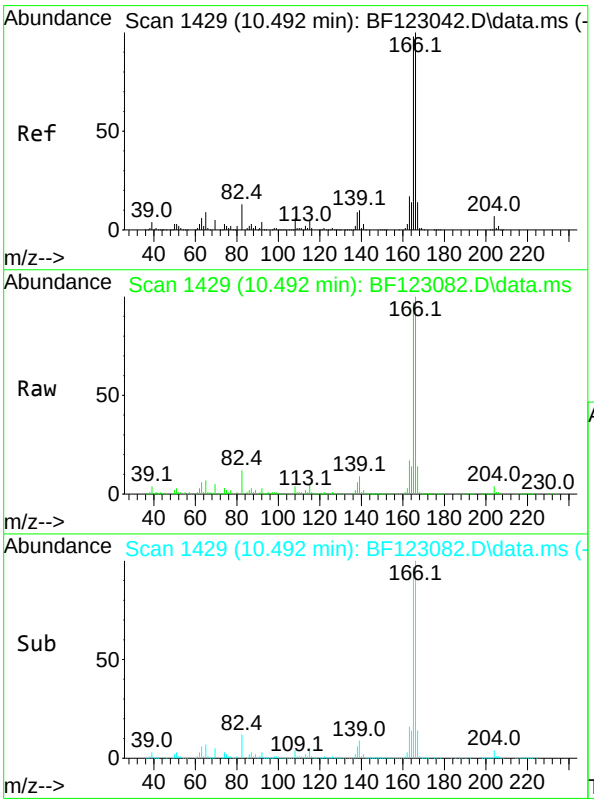
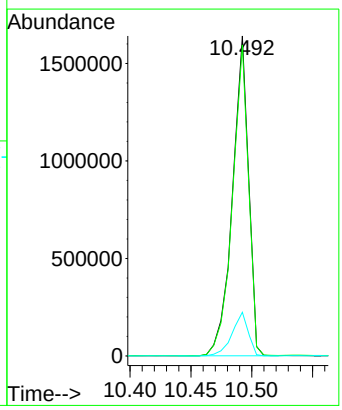
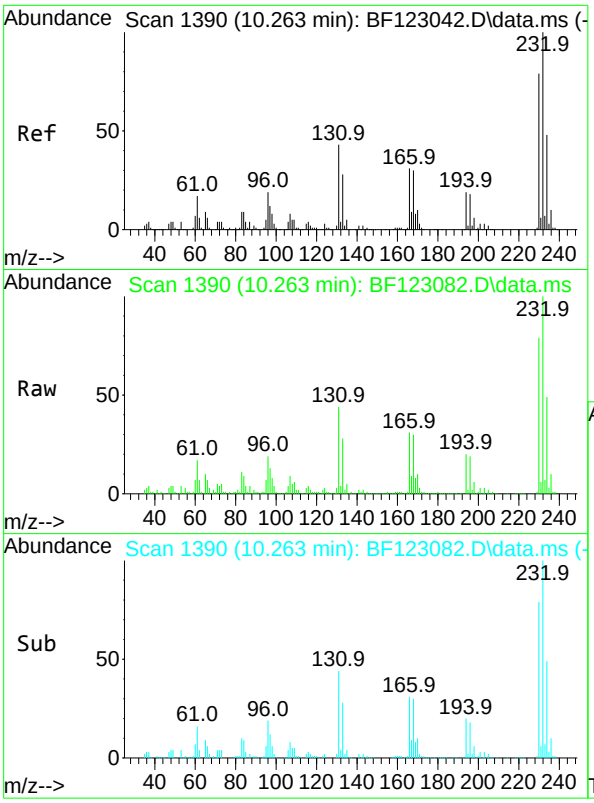


#58
Fluorene
Concen: 40.50 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:166 Resp: 1509234

Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.4	119.0
167	13.6	10.9	16.3

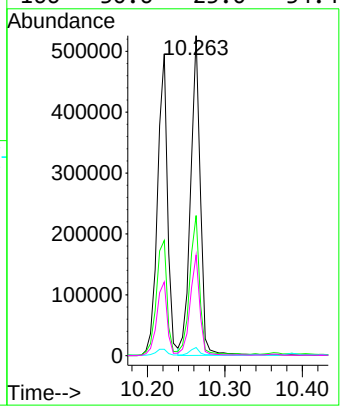


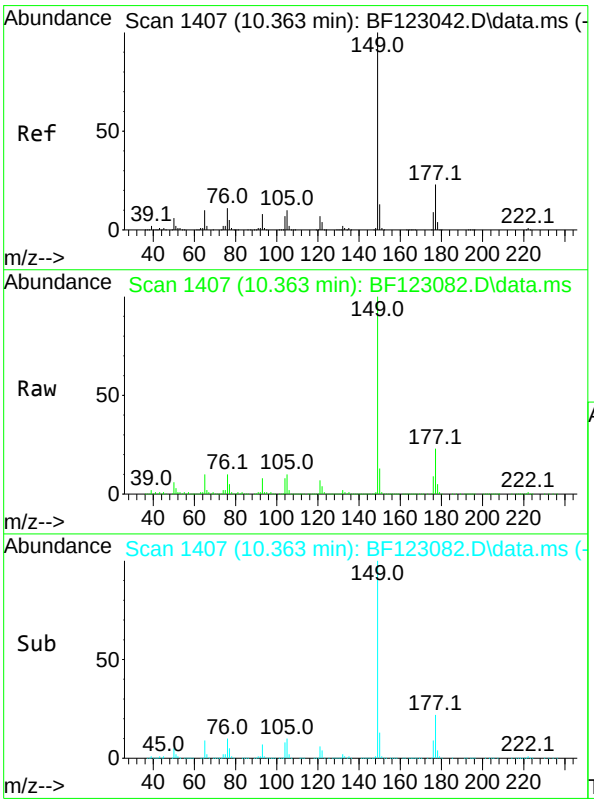


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.77 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:232 Resp: 458052

Ion	Ratio	Lower	Upper
232	100		
131	43.8	33.0	49.4
130	2.3	1.7	2.5
166	30.6	23.0	34.4

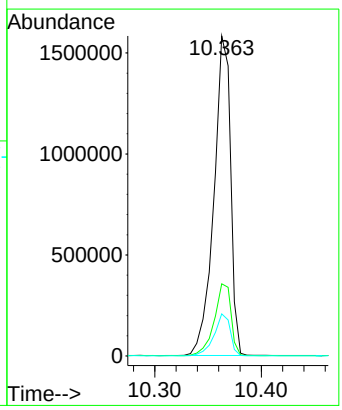




#60
Diethylphthalate
Concen: 44.85 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:149 Resp: 1718479

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.4
150	13.1	10.1	15.1



Instrument :
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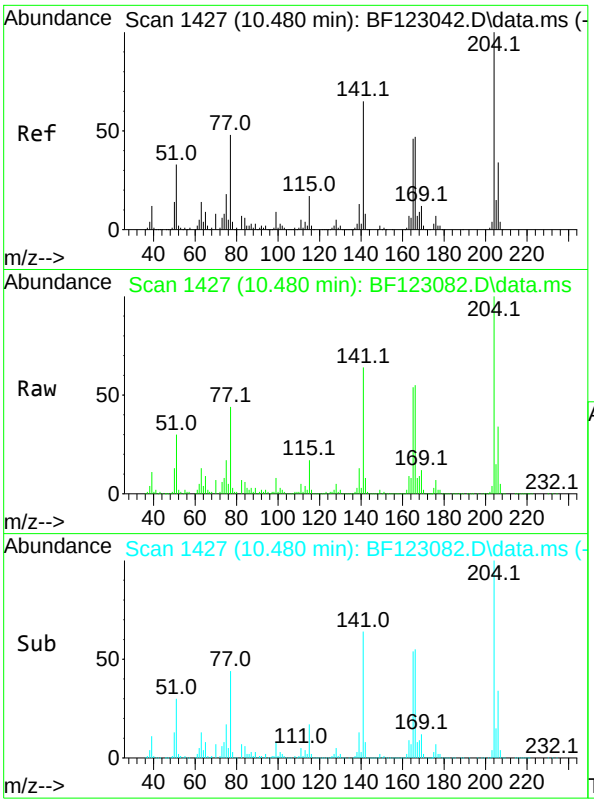
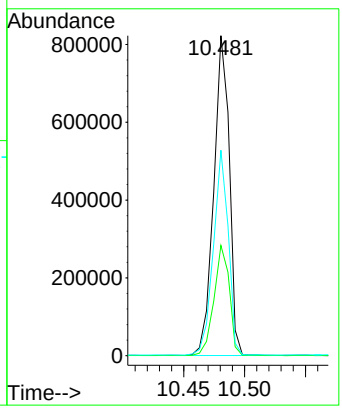


#61
4-Chlorophenyl-phenylether
Concen: 41.82 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:204 Resp: 732332

Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.0	40.4
141	64.2	50.4	75.6



Instrument :
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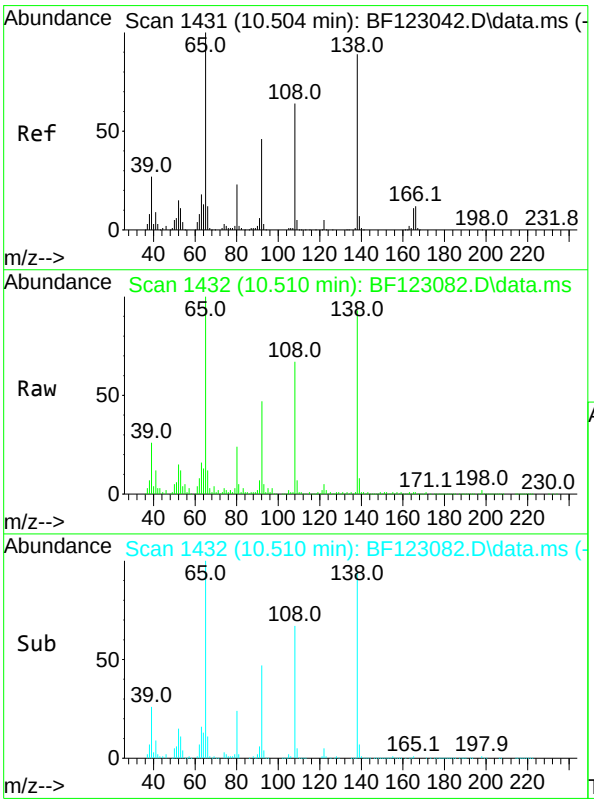
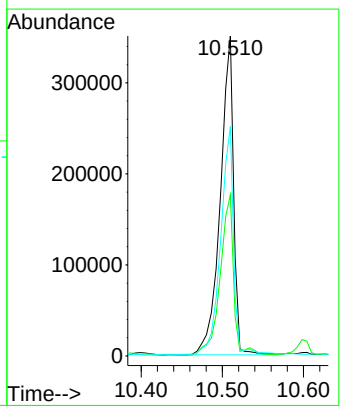
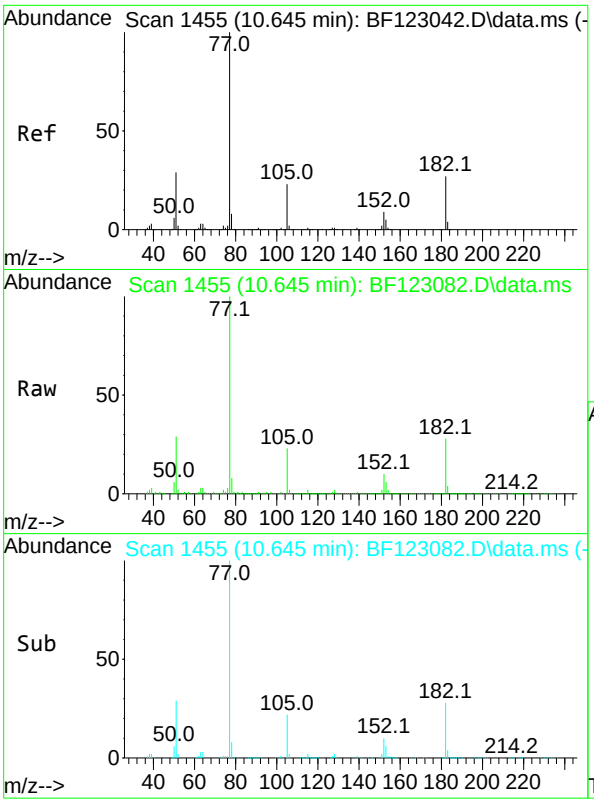


#62
4-Nitroaniline
Concen: 40.63 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:138 Resp: 400662

Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.0	71.0
108	71.7	54.8	94.8

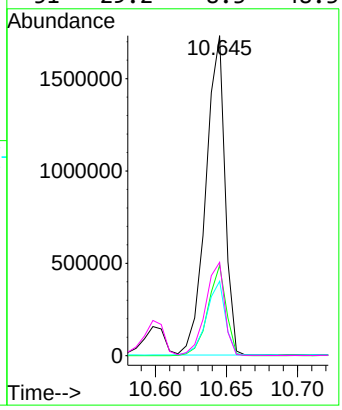


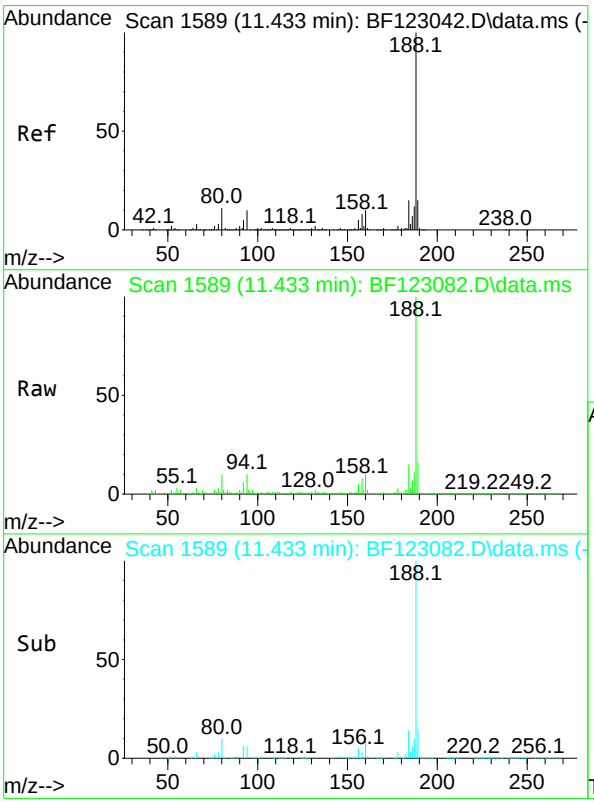


#63
Azobenzene
Concen: 43.06 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion: 77 Resp: 1614437

Ion	Ratio	Lower	Upper
77	100		
182	28.3	5.6	45.6
105	23.2	1.8	41.8
51	29.2	8.3	48.3

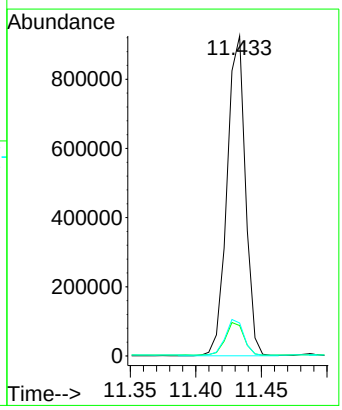




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:188 Resp: 900949

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	10.3	8.2	12.4



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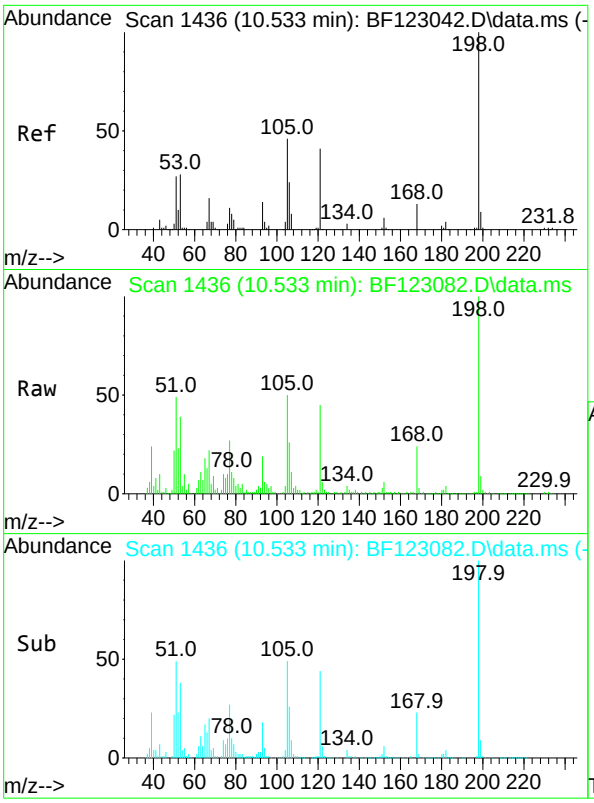
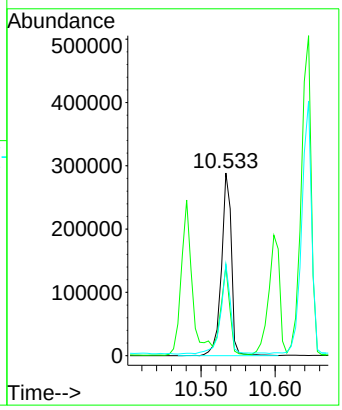


#65
4,6-Dinitro-2-methylphenol
Concen: 53.55 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:198 Resp: 269488

Ion	Ratio	Lower	Upper
198	100		
51	49.0	20.3	60.3
105	50.0	23.0	63.0



Instrument :
BNA_F
ClientSampleId :
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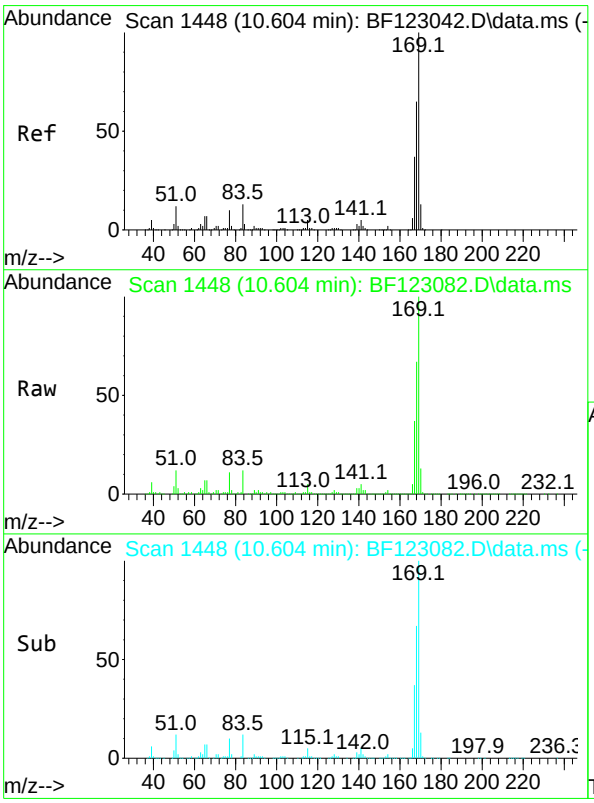
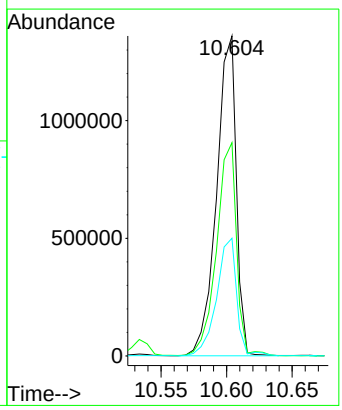
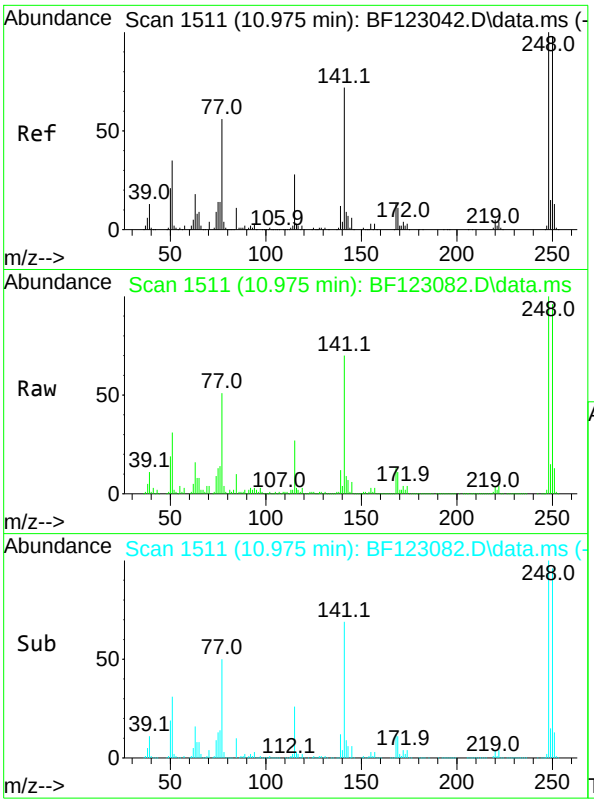


#66
n-Nitrosodiphenylamine
Concen: 43.61 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:169 Resp: 1416249

Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.2	81.2
167	36.8	29.2	43.8

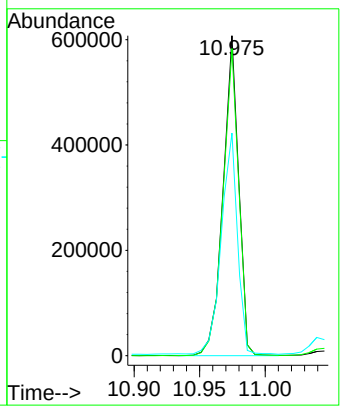


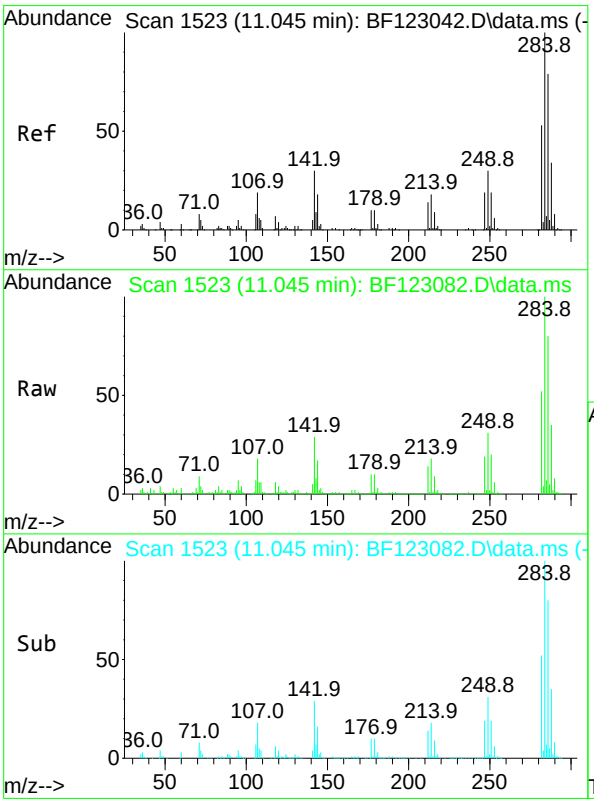


#67
4-Bromophenyl-phenylether
Concen: 43.86 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:248 Resp: 503208

Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.8	115.2
141	69.6	59.8	89.8

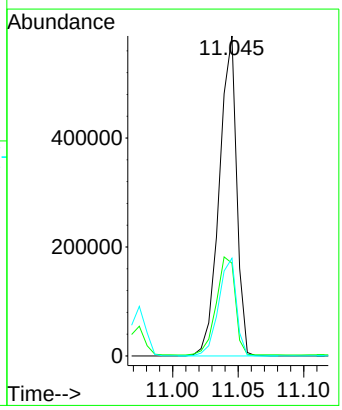




#68
Hexachlorobenzene
Concen: 43.92 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:284 Resp: 540543

Ion	Ratio	Lower	Upper
284	100		
142	29.0	25.6	38.4
249	30.6	25.1	37.7



Instrument :
BNA_F
ClientSampleId :
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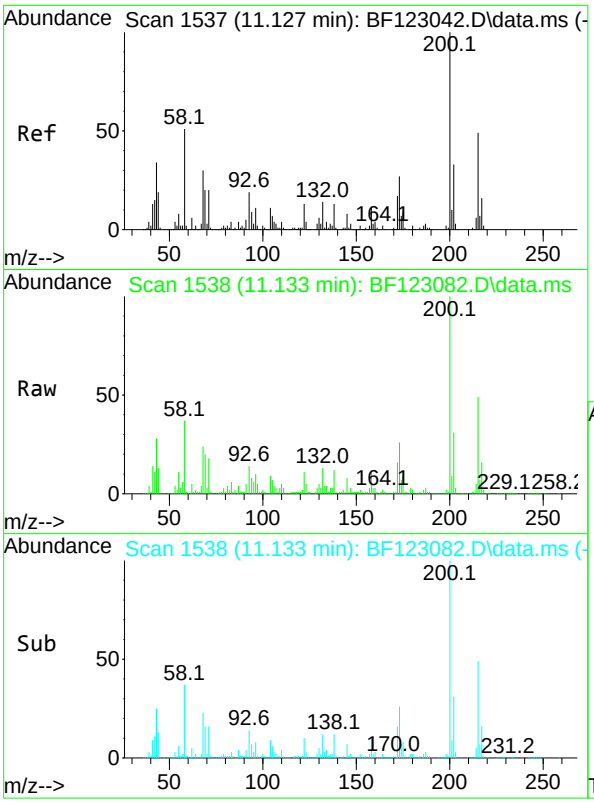
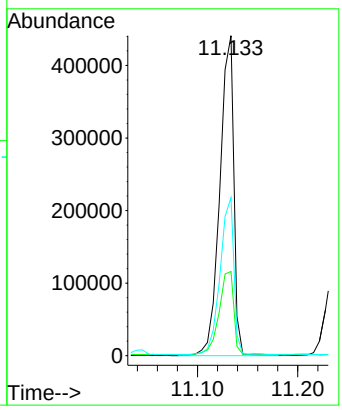
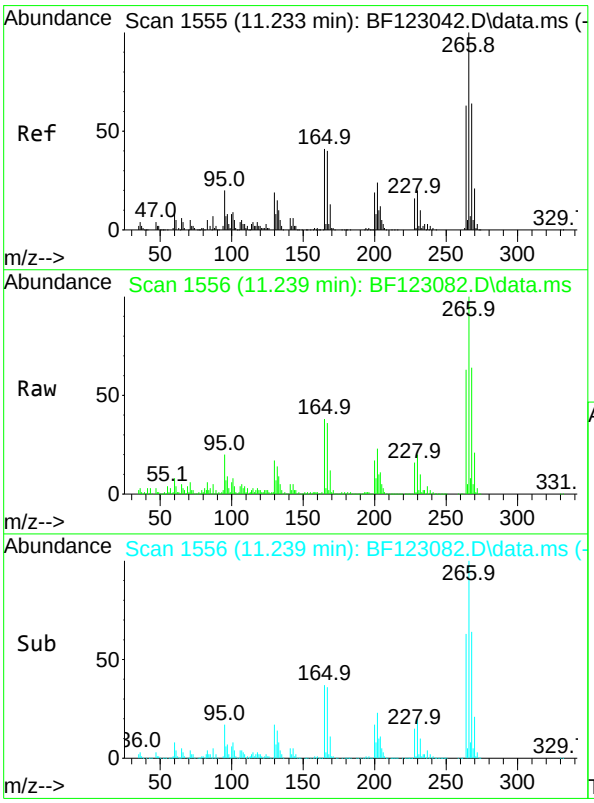


#69
Atrazine
Concen: 47.54 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:200 Resp: 426328

Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.6	46.6
215	49.4	28.1	68.1

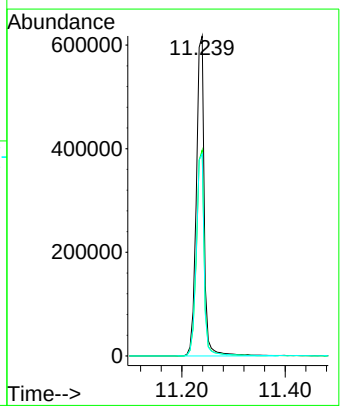




#70
Pentachlorophenol
Concen: 98.34 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:266 Resp: 655937

Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.5	75.7
264	63.2	49.8	74.8



Instrument :
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ClientSampleId :
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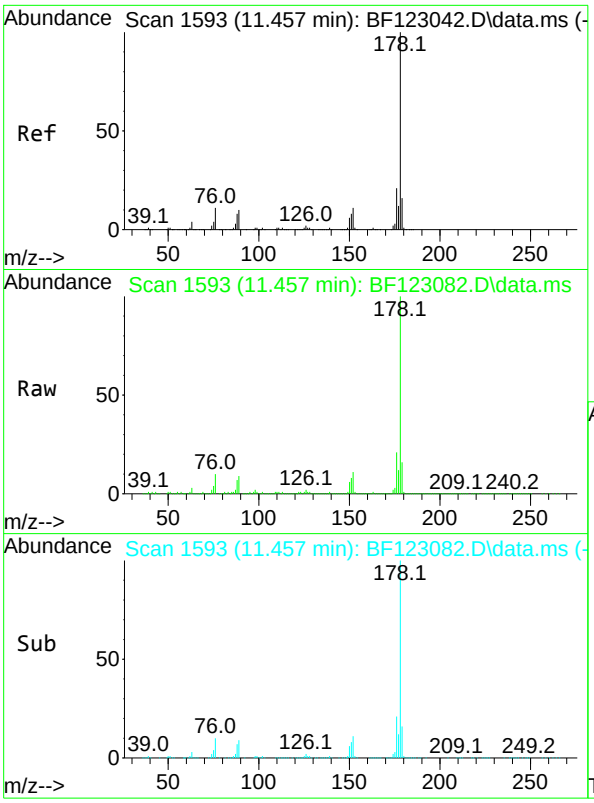
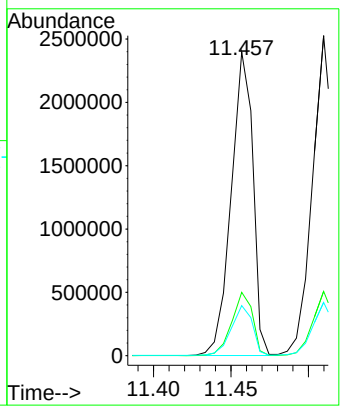
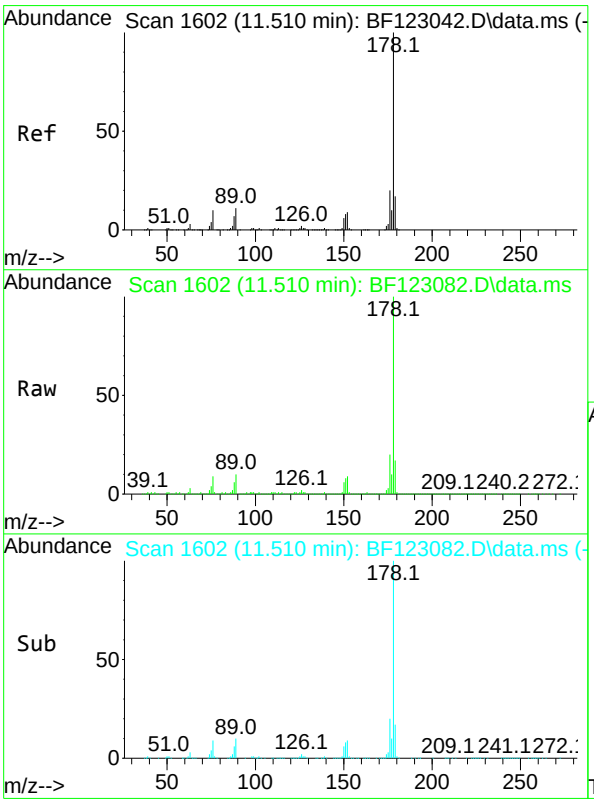


#71
Phenanthrene
Concen: 41.70 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:178 Resp: 2333366

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.2
179	16.5	12.7	19.1

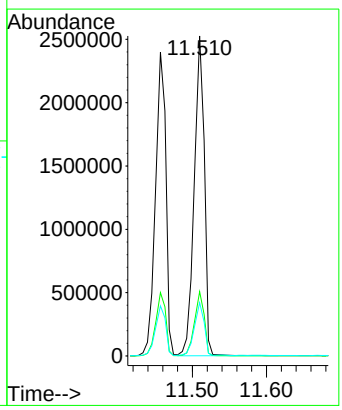




#72
Anthracene
Concen: 44.56 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:178 Resp: 2392058

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.6	23.4
179	16.7	12.8	19.2



Instrument :
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ClientSampleId :
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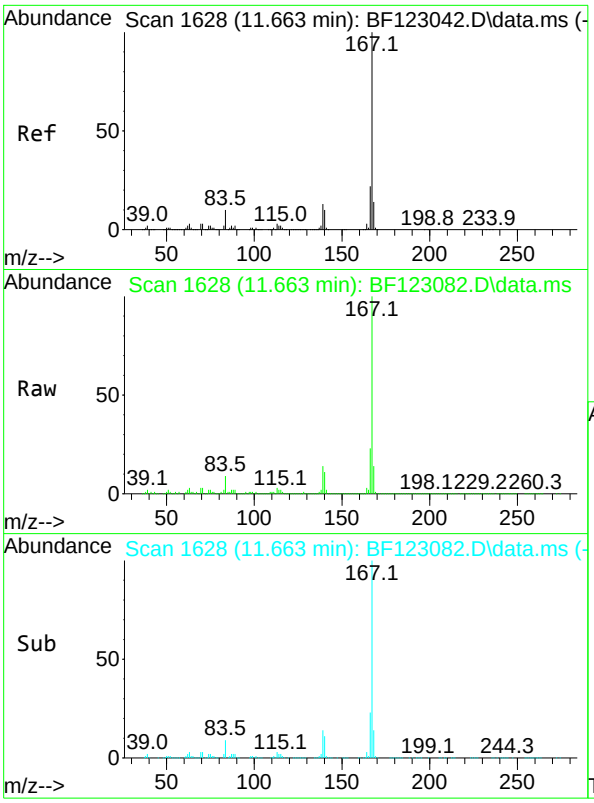
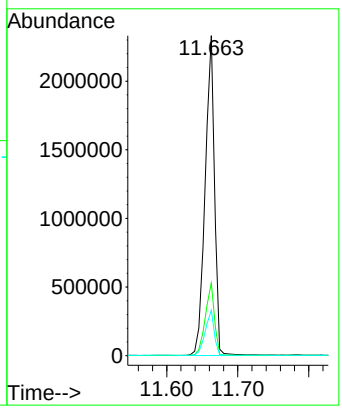


#73
Carbazole
Concen: 43.23 ng
RT: 11.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:167 Resp: 2153351

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.0	27.0
139	14.2	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
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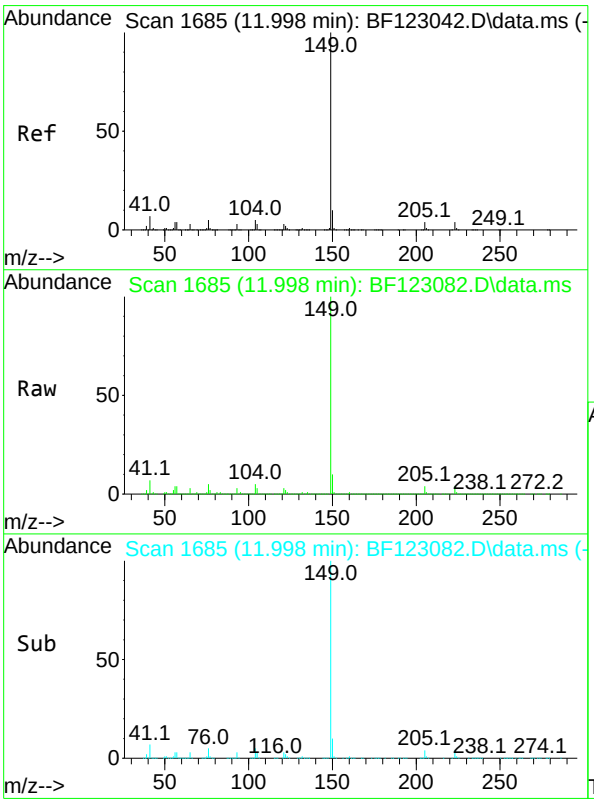
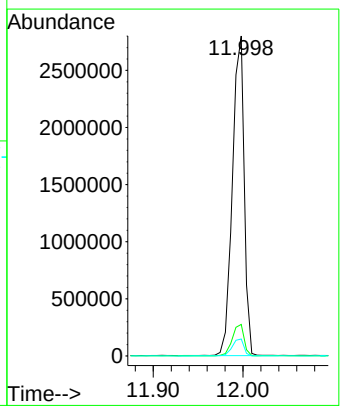
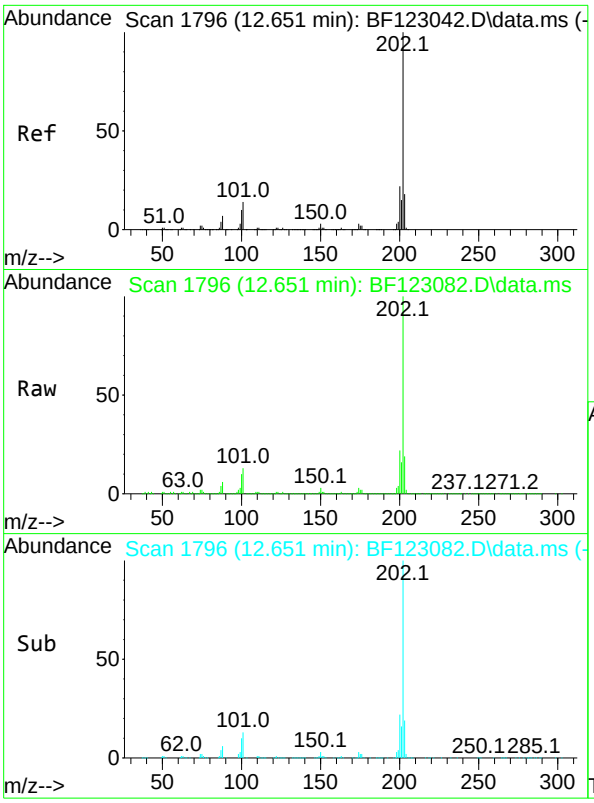


#74
Di-n-butylphthalate
Concen: 43.16 ng
RT: 11.998 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:149 Resp: 2549444

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.3	4.2	6.4

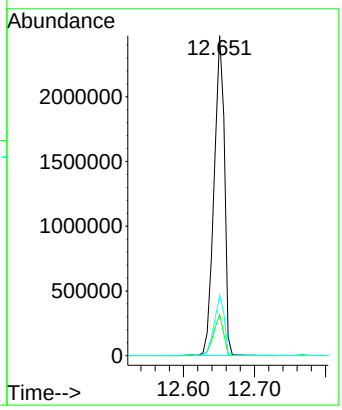




#75
Fluoranthene
Concen: 44.73 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:202 Resp: 2501491

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.2
203	18.8	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
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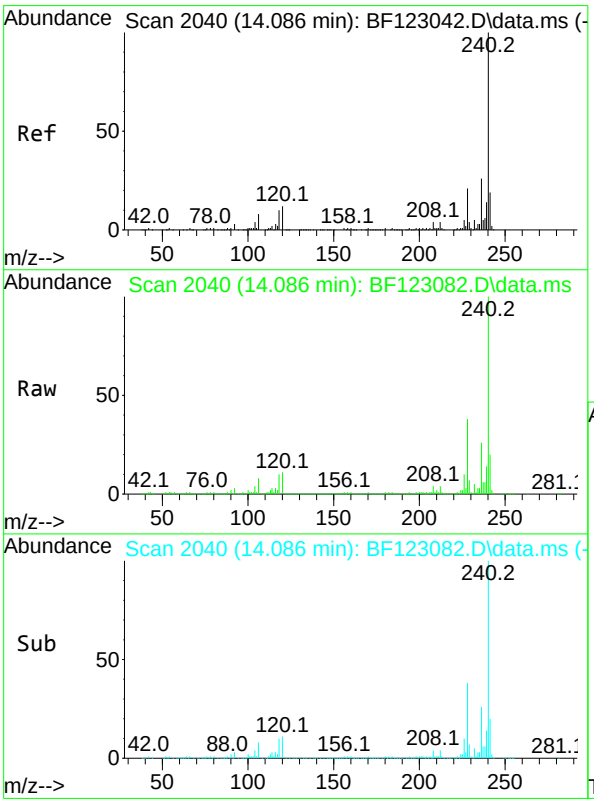
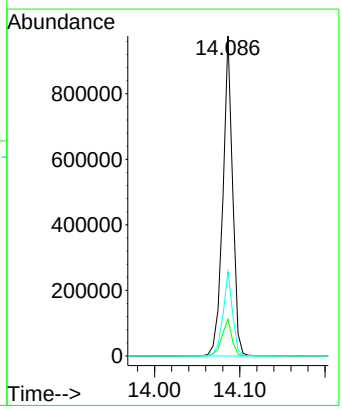
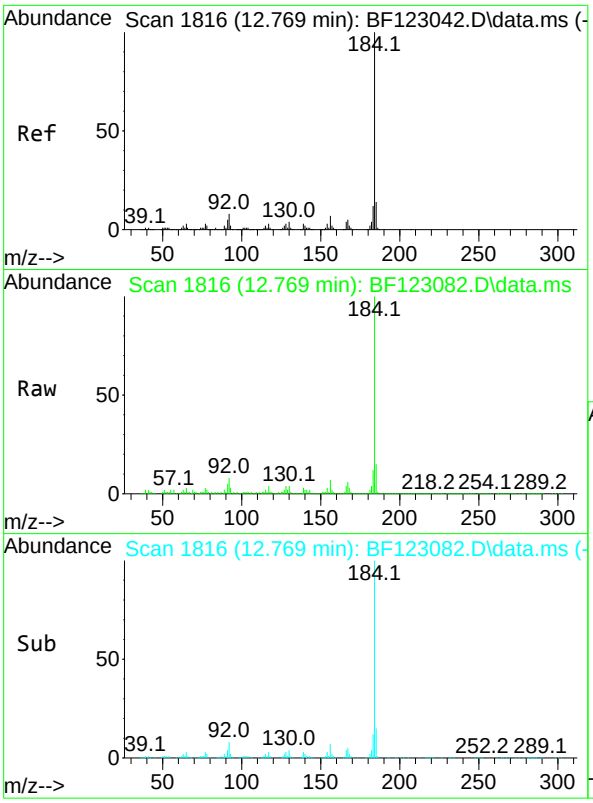


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:240 Resp: 776438

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.6	12.8
236	26.3	20.3	30.5

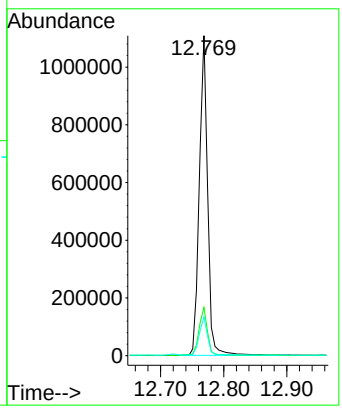




#77
Benzidine
Concen: 57.87 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:184 Resp: 1016741

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.8	17.6
183	12.1	9.7	14.5



Instrument :
BNA_F
ClientSampleId :
RS-SP1MS

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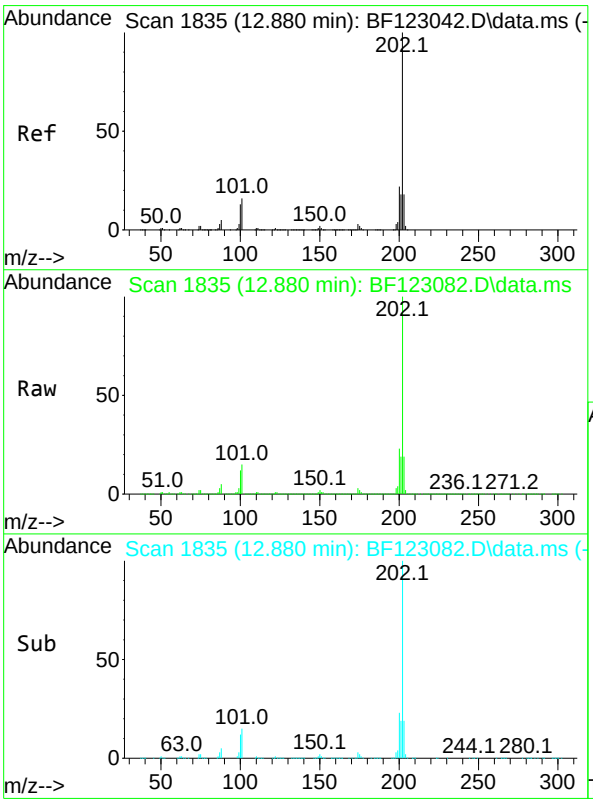
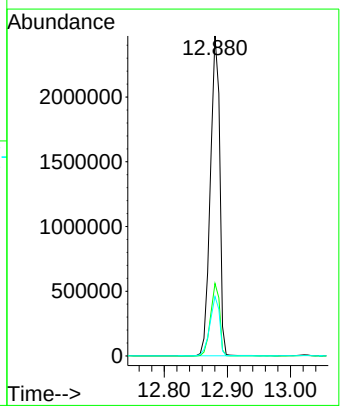
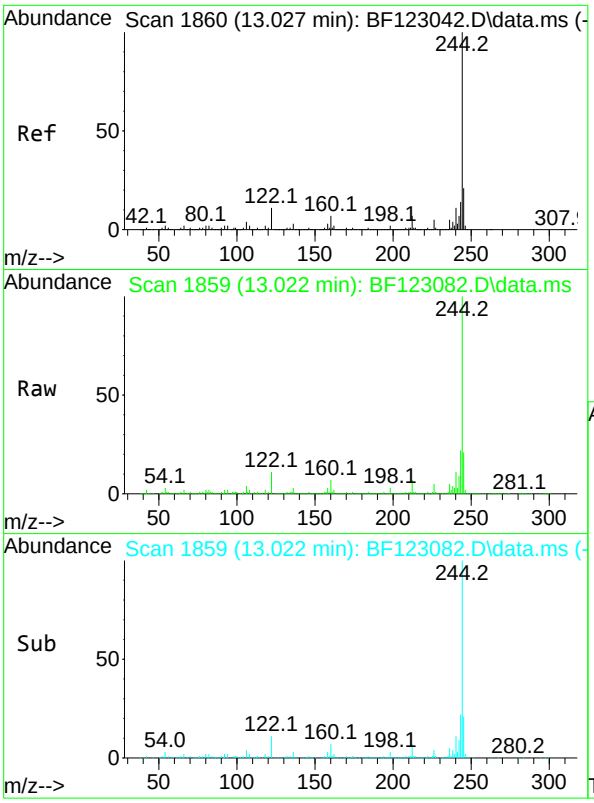


#78
Pyrene
Concen: 43.21 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:202 Resp: 2533028

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.6	26.4
203	18.6	14.6	21.8

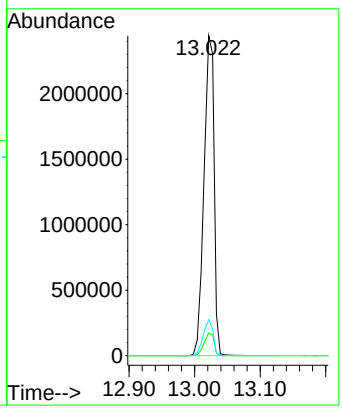


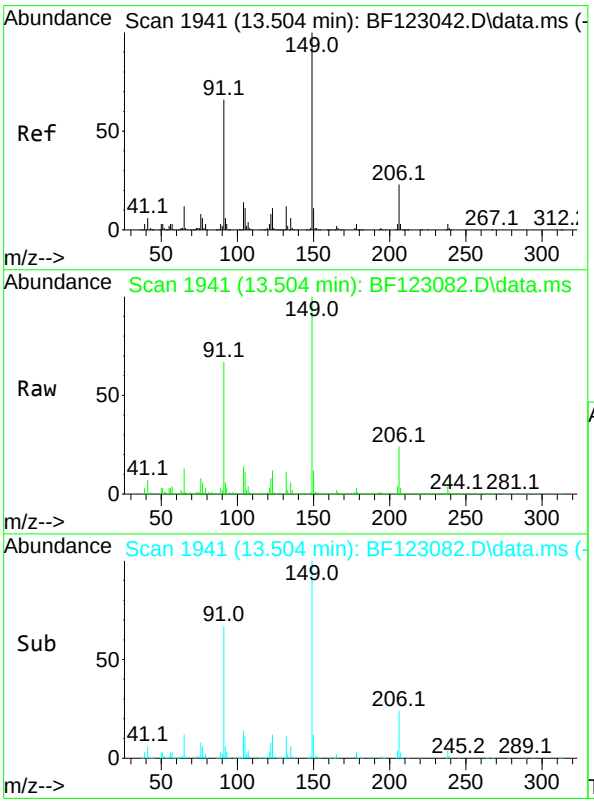


#79
Terphenyl-d14
Concen: 66.65 ng
RT: 13.022 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:244 Resp: 2634023

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.3	8.3	12.5

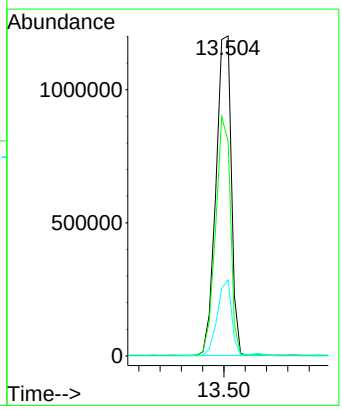




#80
Butylbenzylphthalate
Concen: 47.41 ng
RT: 13.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:149 Resp: 1195855

Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.5	84.7
206	23.7	17.0	25.6



Instrument :
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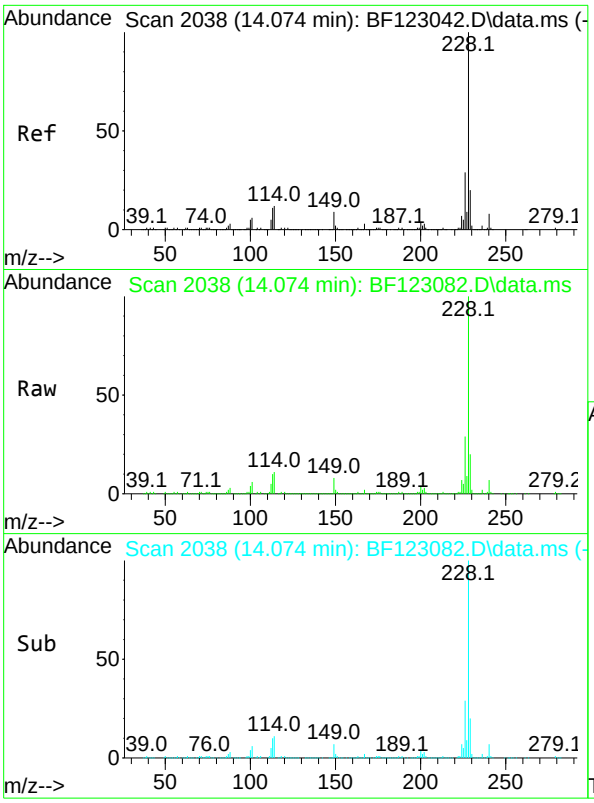
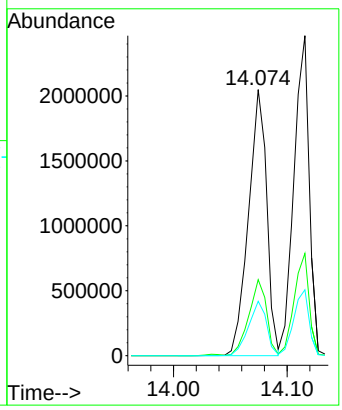


#81
Benzo(a)anthracene
Concen: 43.57 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:228 Resp: 2289747

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	20.4	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
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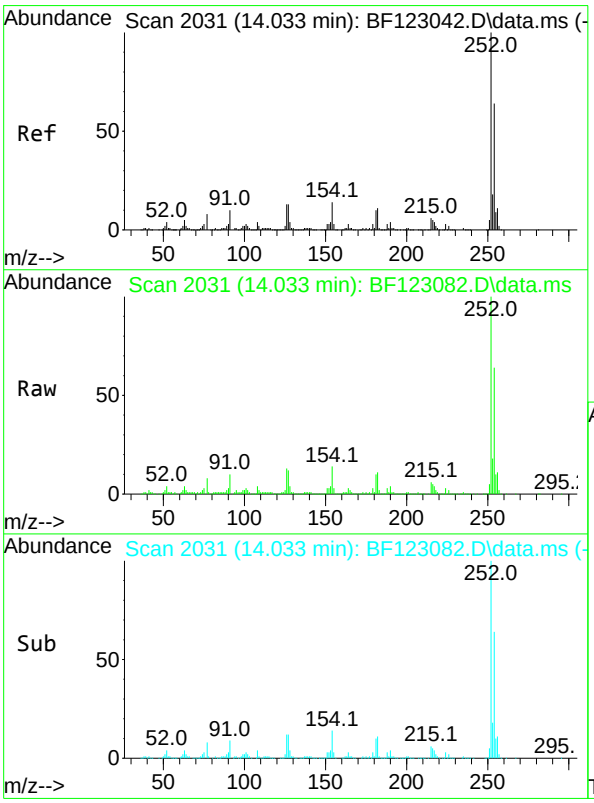
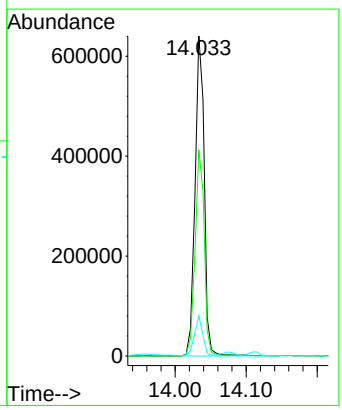
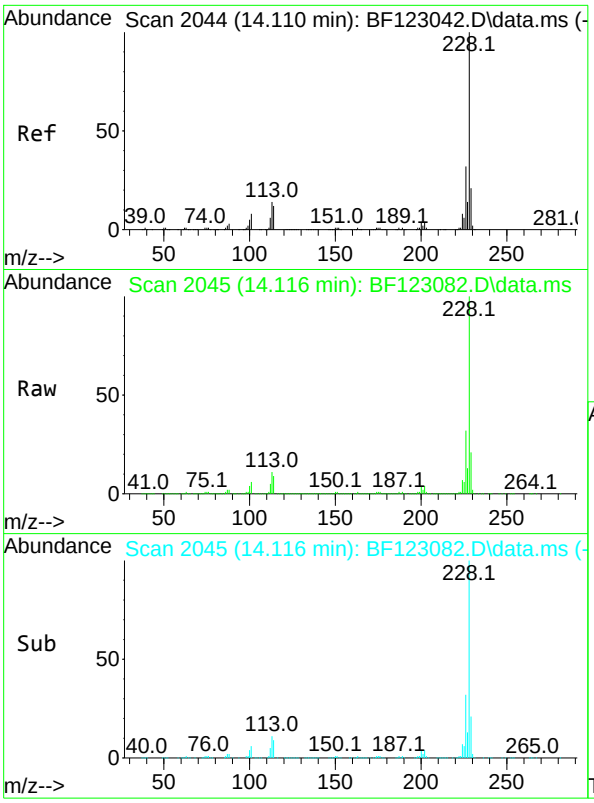


#82
3,3'-Dichlorobenzidine
Concen: 34.86 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:252 Resp: 576553

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.7	79.1
126	12.5	8.0	12.0#

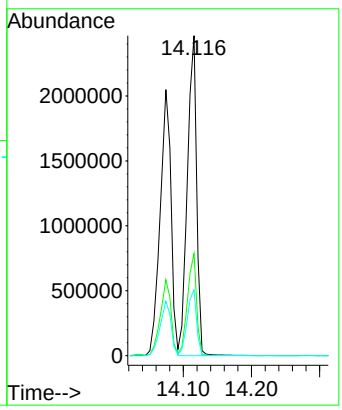




#83
Chrysene
Concen: 43.94 ng
RT: 14.116 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:228 Resp: 2310796

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.6	36.8
229	20.6	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
RS-SP1MS

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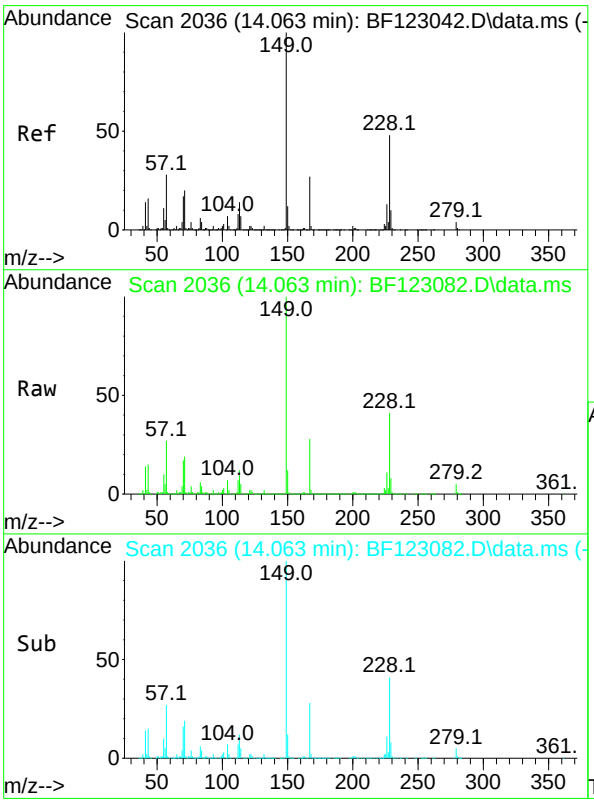
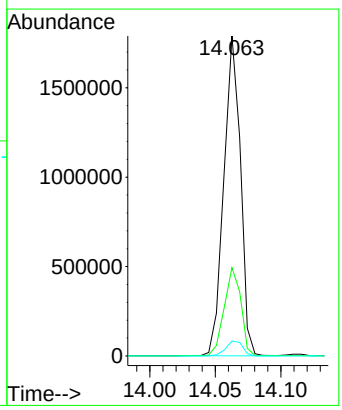
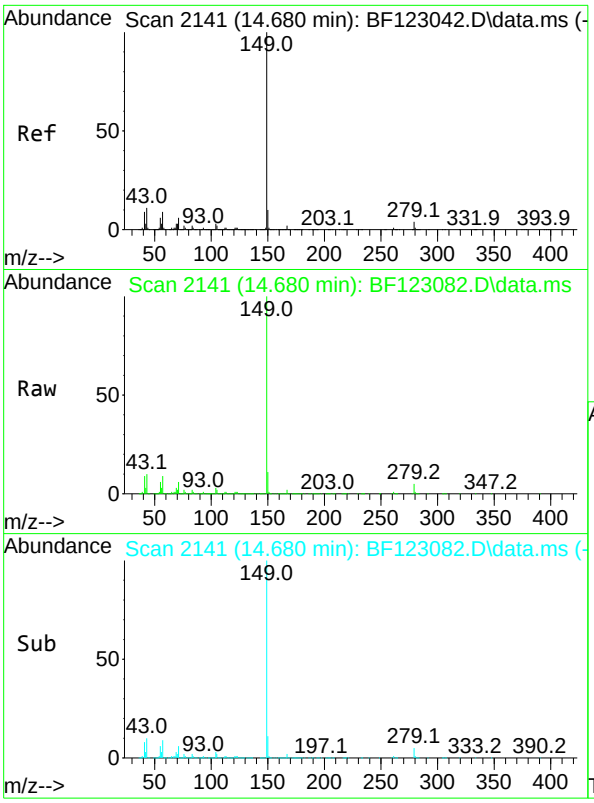


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.03 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:149 Resp: 1575972

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.4	32.2
279	4.6	3.4	5.0

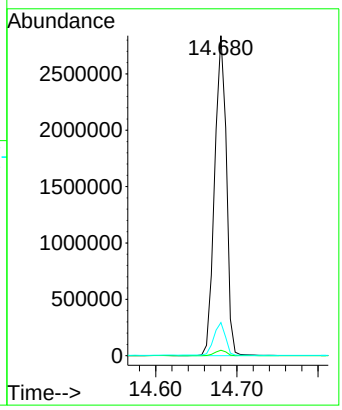


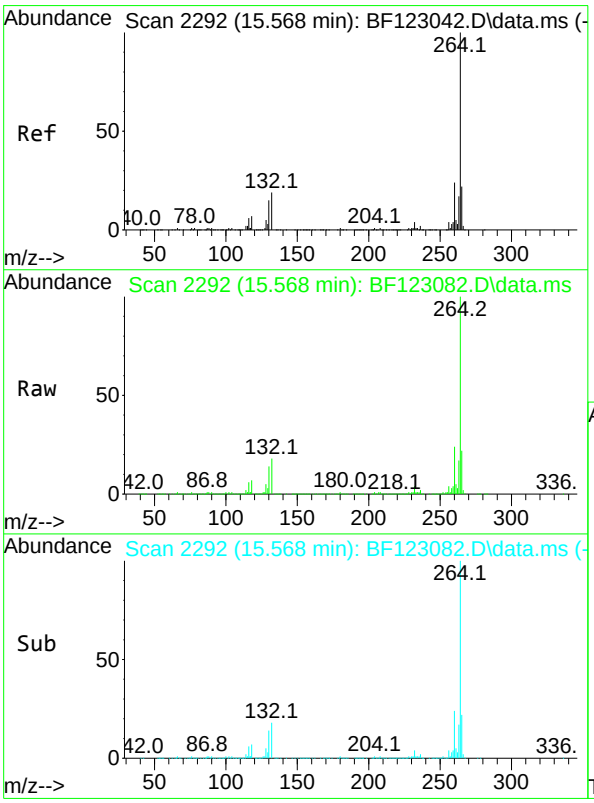


#85
Di-n-octyl phthalate
Concen: 50.63 ng
RT: 14.680 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:149 Resp: 2849546

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.0	7.6	11.4

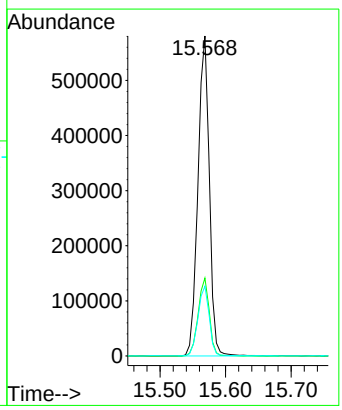




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:264 Resp: 704004

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	21.8	17.0	25.6



Instrument :
BNA_F
ClientSampleId :
RS-SP1MS

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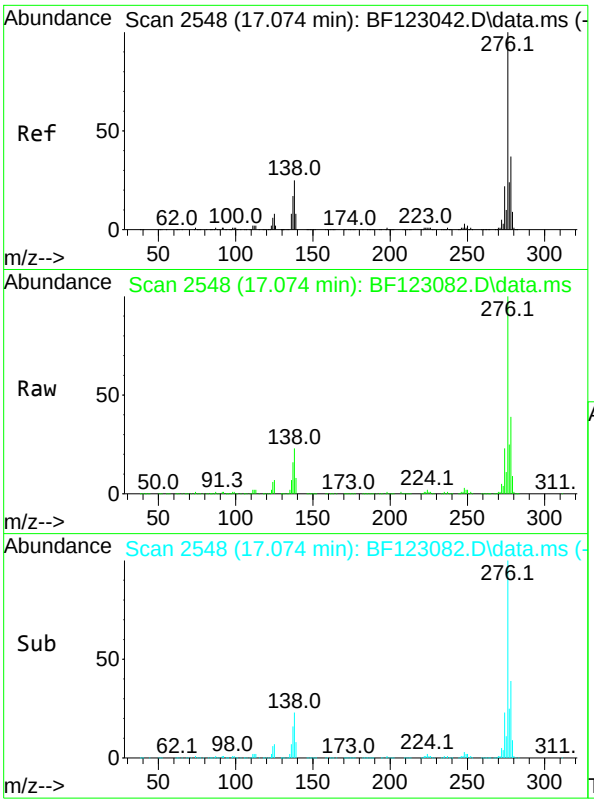
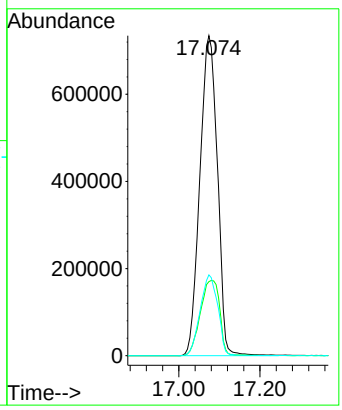


#87
Indeno(1,2,3-cd)pyrene
Concen: 46.97 ng
RT: 17.074 min Scan# 2548
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:276 Resp: 2201753

Ion	Ratio	Lower	Upper
276	100		
138	25.9	18.7	28.1
277	25.5	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
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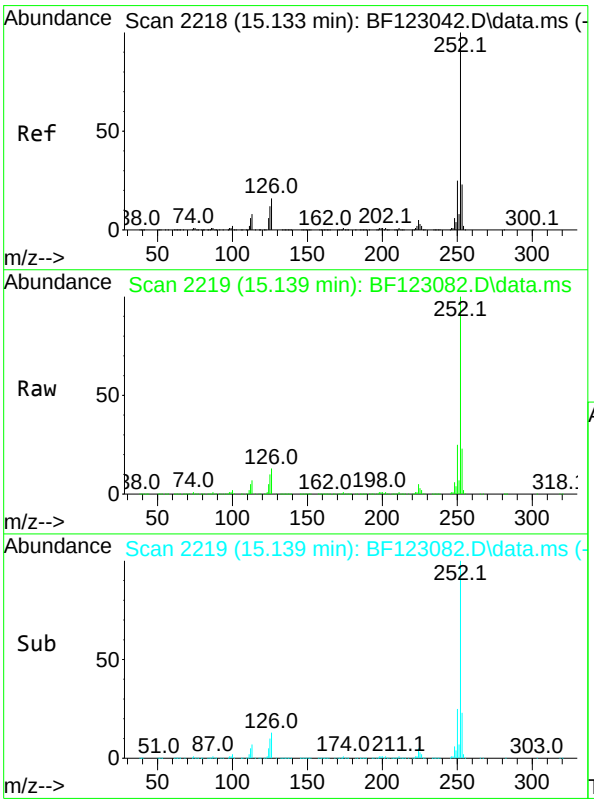
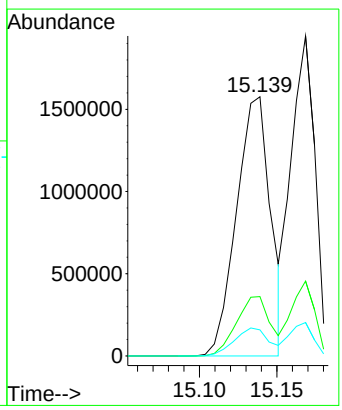
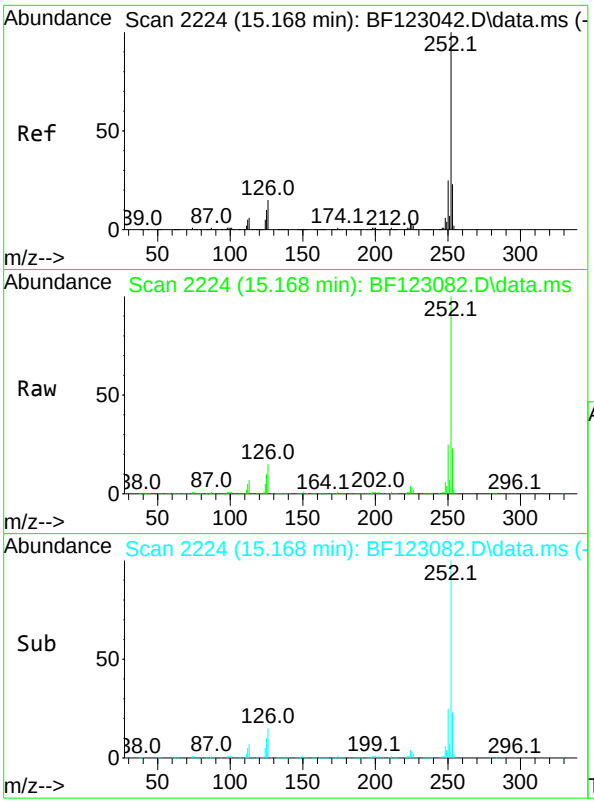


#88
Benzo(b)fluoranthene
Concen: 47.33 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:252 Resp: 2405230

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	10.1	8.1	12.1

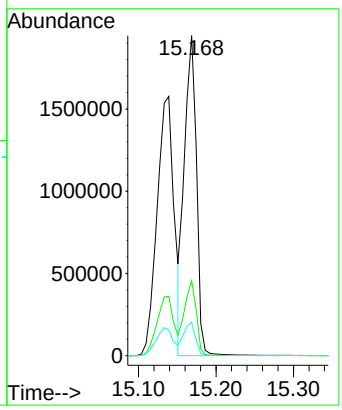


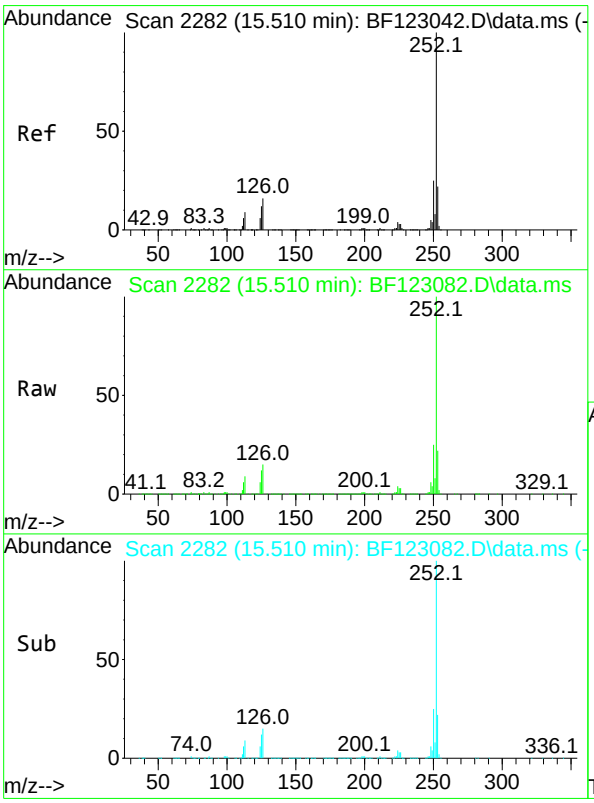


#89
Benzo(k)fluoranthene
Concen: 44.98 ng
RT: 15.168 min Scan# 2224
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:252 Resp: 2123711

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	10.4	8.4	12.6

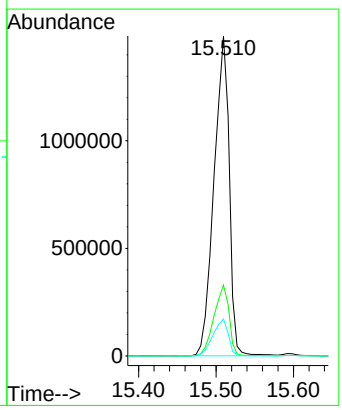




#90
Benzo(a)pyrene
Concen: 45.43 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:252 Resp: 2027368

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.5	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
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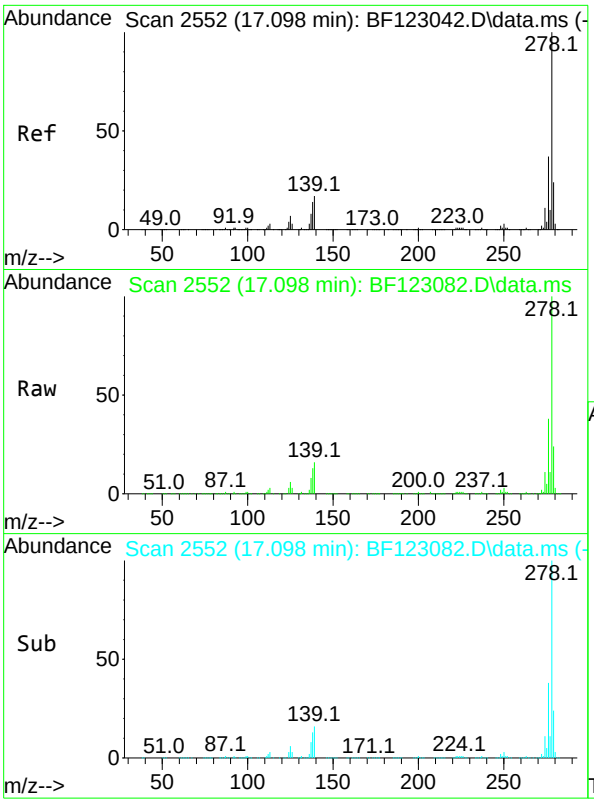
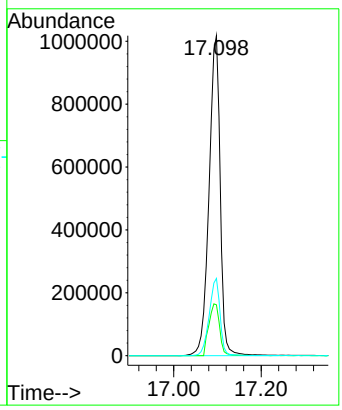


#91
Dibenzo(a,h)anthracene
Concen: 46.91 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:278 Resp: 1810085

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.0	18.0
279	24.2	19.4	29.2



Instrument :
BNA_F
ClientSampleId :
RS-SP1MS

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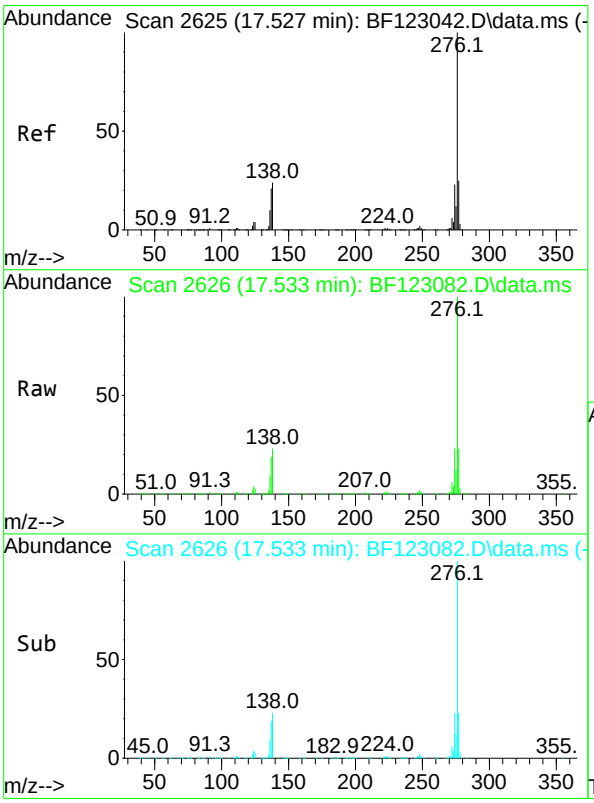
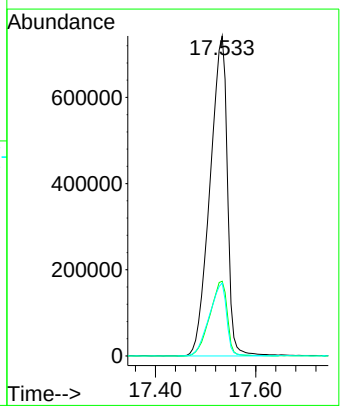


#92
Benzo(g,h,i)perylene
Concen: 47.77 ng
RT: 17.533 min Scan# 2626
Delta R.T. 0.006 min
Lab File: BF123082.D
Acq: 29 Jan 2021 15:08

Tgt Ion:276 Resp: 1786264

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.3	28.9
138	22.8	16.6	24.8