Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042222\
Data File : BF127863.D
Acq On : 22 Apr 2022 21:01
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 23 23:36:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 23:32:42 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	193848	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	655708	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	368562	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	669977	20.000	ng	0.00
76) Chrysene-d12	14.127	240	427507	20.000	ng	0.00
86) Perylene-d12	15.633	264	368888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1245552	100.662	ng	0.00
7) Phenol-d6	6.575	99	1582755	102.431	ng	0.00
23) Nitrobenzene-d5	7.516	82	1520393	107.535	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	402082	89.556	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	2186719	77.496	ng	0.00
79) Terphenyl-d14	13.068	244	2433503	89.349	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	320241	55.905	ng	99
3) Pyridine	3.569	79	821003	50.185	ng	99
4) n-Nitrosodimethylamine	3.551	42	406983	46.456	ng	97
6) Aniline	6.616	93	993695	55.304	ng	98
8) 2-Chlorophenol	6.734	128	632356	50.371	ng	98
9) Benzaldehyde	6.498	77	446351	50.546	ng	95
10) Phenol	6.587	94	802068m	51.754	ng	
11) bis(2-Chloroethyl)ether	6.687	93	658226	51.661	ng	99
12) 1,3-Dichlorobenzene	6.887	146	736348	49.341	ng	96
13) 1,4-Dichlorobenzene	6.963	146	730458	51.080	ng	97
14) 1,2-Dichlorobenzene	7.116	146	645337	47.431	ng	98
15) Benzyl Alcohol	7.087	79	572481	42.566	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.216	45	1009435	55.085	ng	100
17) 2-Methylphenol	7.192	107	533040	50.664	ng	100
18) Hexachloroethane	7.457	117	281403	47.835	ng	97
19) n-Nitroso-di-n-propyla...	7.363	70	470919	44.401	ng	98
20) 3+4-Methylphenols	7.351	107	627139	44.991	ng	99
22) Acetophenone	7.363	105	808640	51.343	ng	99
24) Nitrobenzene	7.534	77	732042	55.575	ng	100
25) Isophorone	7.775	82	1301966	54.730	ng	99
26) 2-Nitrophenol	7.845	139	333507	58.015	ng	94
27) 2,4-Dimethylphenol	7.875	122	526900	58.022	ng	99
28) bis(2-Chloroethoxy)met...	7.975	93	795160	56.006	ng	98
29) 2,4-Dichlorophenol	8.086	162	542700	50.965	ng	99
30) 1,2,4-Trichlorobenzene	8.169	180	595660	47.417	ng	99
31) Naphthalene	8.251	128	1725367	50.806	ng	99
32) Benzoic acid	8.016	122	451538	69.495	ng	98
33) 4-Chloroaniline	8.298	127	700968	52.004	ng	96
34) Hexachlorobutadiene	8.363	225	375569	40.403	ng	98
35) Caprolactam	8.692	113	190032m	56.821	ng	
36) 4-Chloro-3-methylphenol	8.781	107	594798	47.707	ng	98
37) 2-Methylnaphthalene	8.939	142	1133647	46.333	ng	99
38) 1-Methylnaphthalene	9.039	142	1092461	46.158	ng	99
40) 1,2,4,5-Tetrachloroben...	9.104	216	548613	41.117	ng	100
41) Hexachlorocyclopentadiene	9.086	237	336484	41.387	ng	99
43) 2,4,6-Trichlorophenol	9.216	196	386781	43.317	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.257	196	421082	44.553	ng	99
46)	1,1'-Biphenyl	9.410	154	1371849	46.383	ng	99
47)	2-Chloronaphthalene	9.433	162	1059021	44.353	ng	97
48)	2-Nitroaniline	9.533	65	409891	49.492	ng	99
49)	Acenaphthylene	9.851	152	1627234	47.608	ng	100
50)	Dimethylphthalate	9.716	163	1353535	48.931	ng	99
51)	2,6-Dinitrotoluene	9.775	165	300044	54.509	ng	96
52)	Acenaphthene	10.028	154	1124846	51.183	ng	99
53)	3-Nitroaniline	9.951	138	335103	59.025	ng	95
54)	2,4-Dinitrophenol	10.051	184	188305	60.964	ng	99
55)	Dibenzofuran	10.198	168	1568122	51.081	ng	99
56)	4-Nitrophenol	10.104	139	267909	63.870	ng	95
57)	2,4-Dinitrotoluene	10.180	165	401311	58.225	ng	90
58)	Fluorene	10.539	166	1141635	48.743	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.310	232	361557	49.528	ng	99
60)	Diethylphthalate	10.410	149	1291323	51.058	ng	99
61)	4-Chlorophenyl-phenyle...	10.527	204	573365	44.111	ng	94
62)	4-Nitroaniline	10.569	138	337684	66.642	ng	98
63)	Azobenzene	10.692	77	1421600	53.632	ng	98
65)	4,6-Dinitro-2-methylph...	10.586	198	251712	58.796	ng	90
66)	n-Nitrosodiphenylamine	10.651	169	1080886	49.391	ng	100
67)	4-Bromophenyl-phenylether	11.022	248	384062	42.298	ng	95
68)	Hexachlorobenzene	11.086	284	406744	41.802	ng	96
69)	Atrazine	11.174	200	316670	44.955	ng	98
70)	Pentachlorophenol	11.274	266	269833	51.512	ng	97
71)	Phenanthrene	11.504	178	1749685	48.858	ng	99
72)	Anthracene	11.557	178	1768922	48.890	ng	99
73)	Carbazole	11.716	167	1717427	52.147	ng	100
74)	Di-n-butylphthalate	12.033	149	1957311	49.247	ng	99
75)	Fluoranthene	12.698	202	1847694	46.047	ng	99
77)	Benzidine	12.816	184	559885	50.756	ng	99
78)	Pyrene	12.927	202	1892528	52.297	ng	99
80)	Butylbenzylphthalate	13.539	149	799659	56.522	ng	97
81)	Benzo(a)anthracene	14.115	228	1536158	52.603	ng	97
82)	3,3'-Dichlorobenzidine	14.080	252	488687	52.990	ng	100
83)	Chrysene	14.157	228	1458248	53.554	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.092	149	997428	54.012	ng	100
85)	Di-n-octyl phthalate	14.710	149	1564600	56.251	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.192	276	1410661	58.365	ng	99
88)	Benzo(b)fluoranthene	15.192	252	1289380	53.276	ng	99
89)	Benzo(k)fluoranthene	15.221	252	1217496	51.837	ng	98
90)	Benzo(a)pyrene	15.574	252	1059490	54.269	ng	99
91)	Dibenzo(a,h)anthracene	17.215	278	1118087	56.615	ng	99
92)	Benzo(g,h,i)perylene	17.668	276	1214215	60.539	ng	99

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

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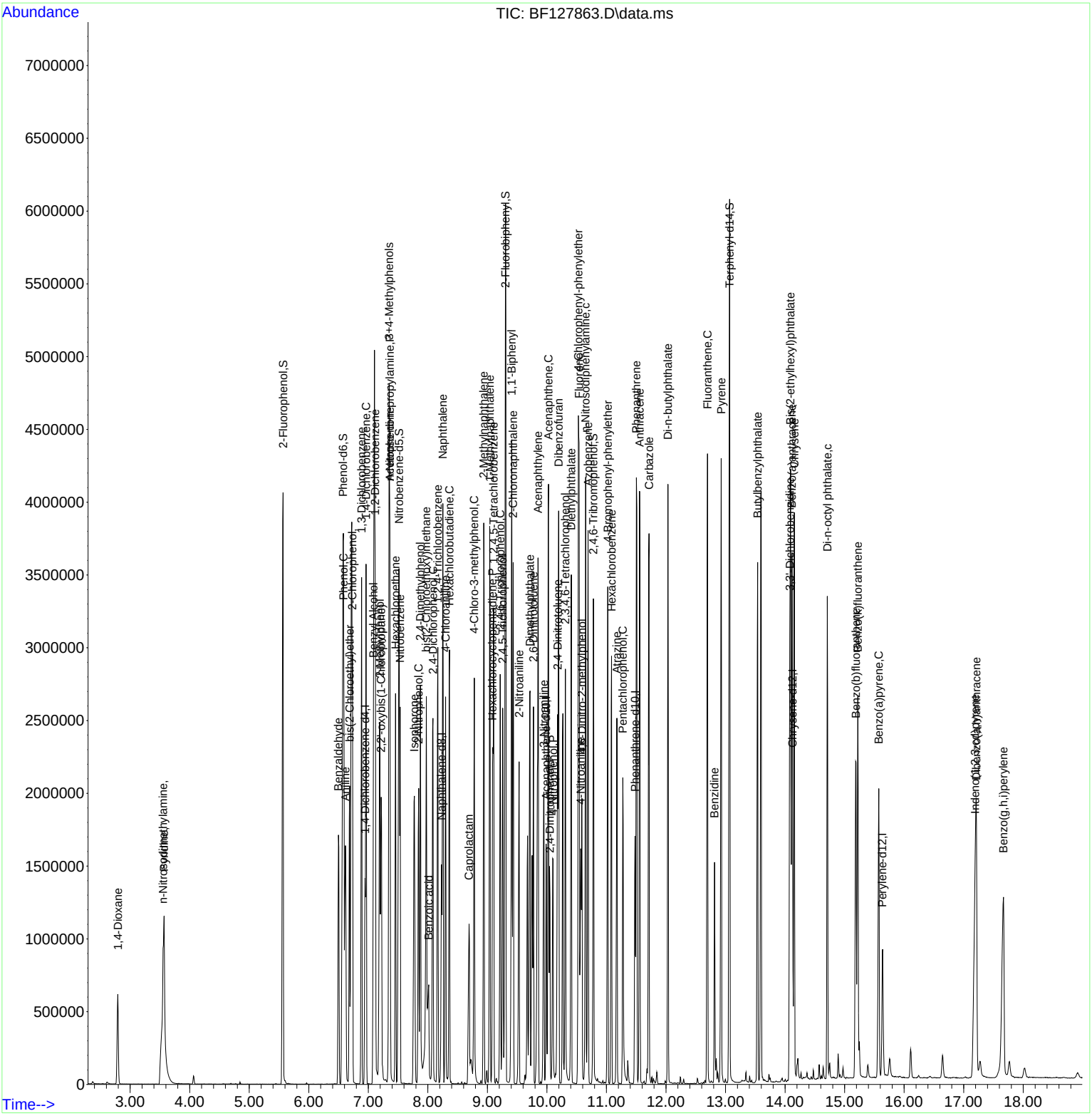
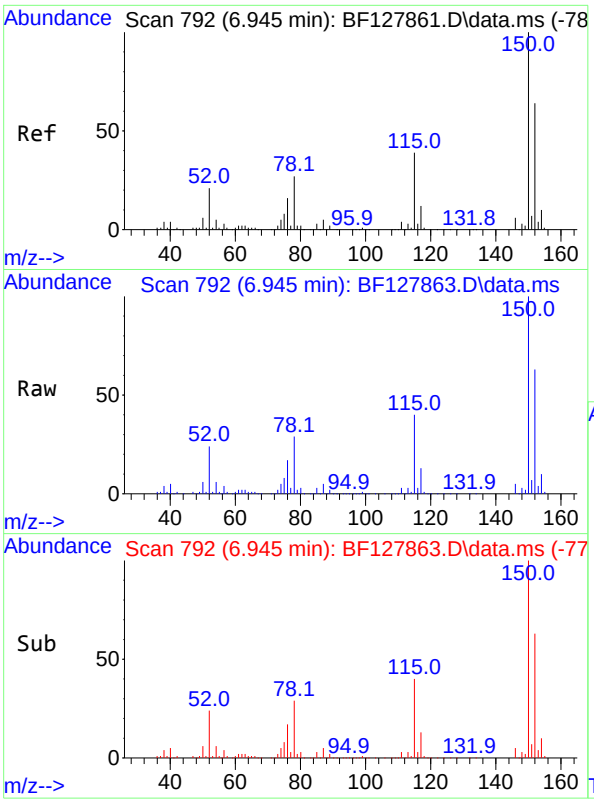
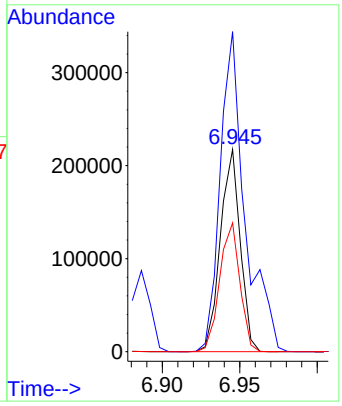




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:152 Resp: 19384

Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.3	187.9
115	63.6	48.8	73.2



Instrument :
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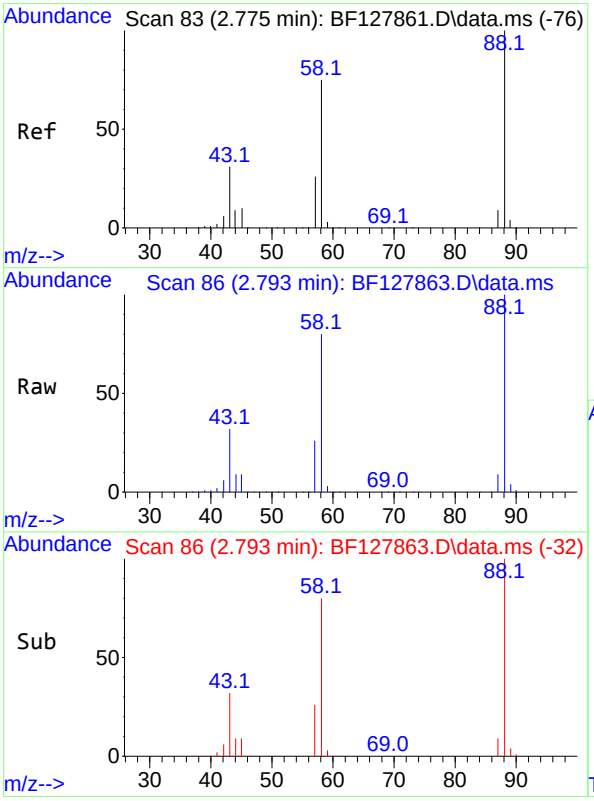
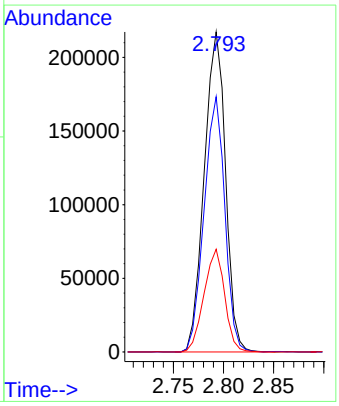
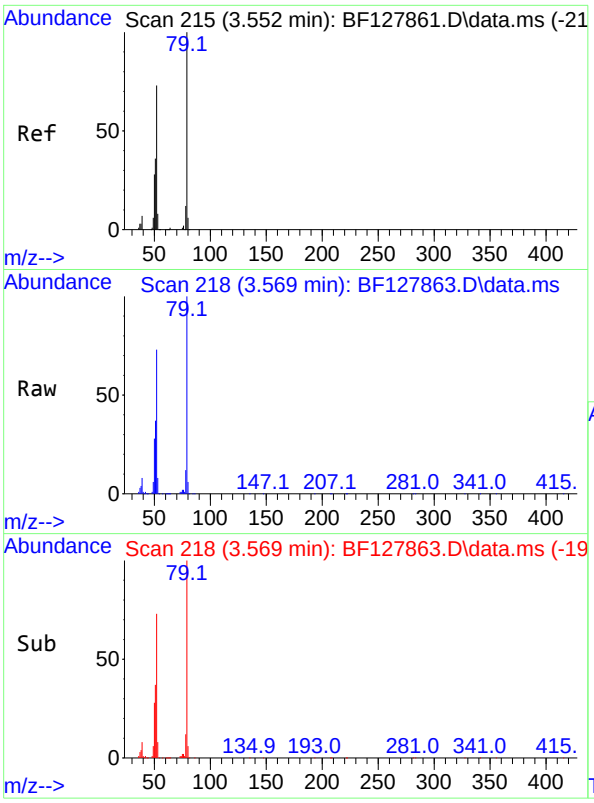


#2
1,4-Dioxane
Concen: 55.905 ng
RT: 2.793 min Scan# 86
Delta R.T. 0.018 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 88 Resp: 320241

Ion	Ratio	Lower	Upper
88	100		
58	77.8	61.0	91.4
43	31.2	24.9	37.3

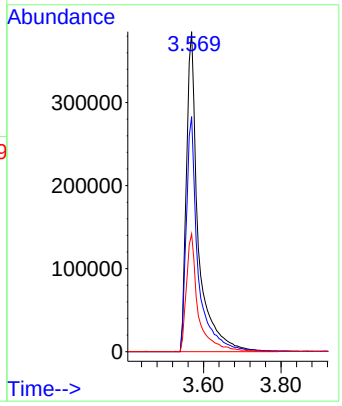




#3
Pyridine
Concen: 50.185 ng
RT: 3.569 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 79 Resp: 82100

Ion	Ratio	Lower	Upper
79	100		
52	73.4	58.3	87.5
51	36.8	28.6	42.8



Instrument :
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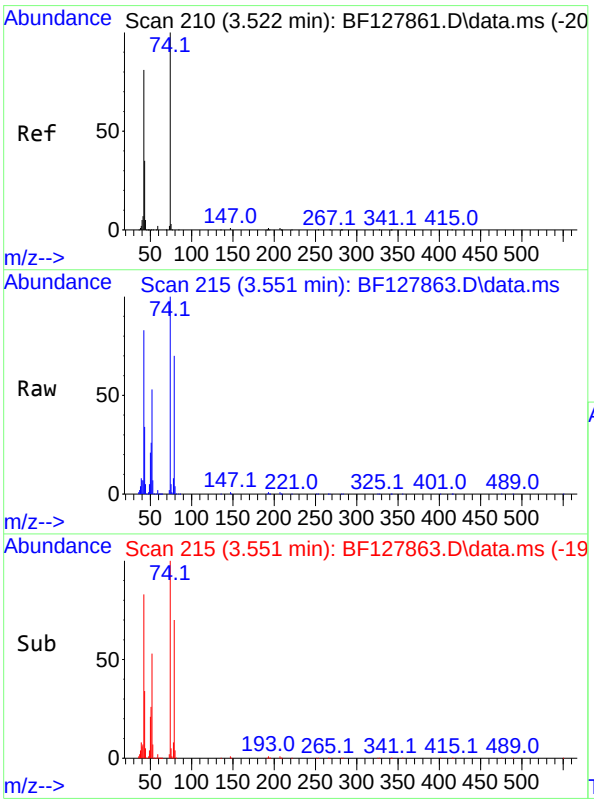
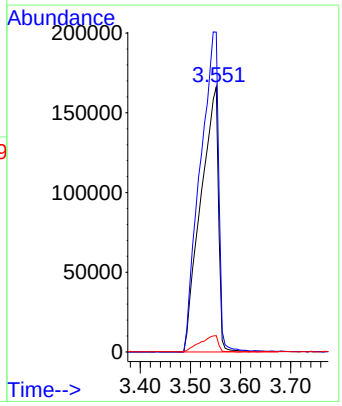
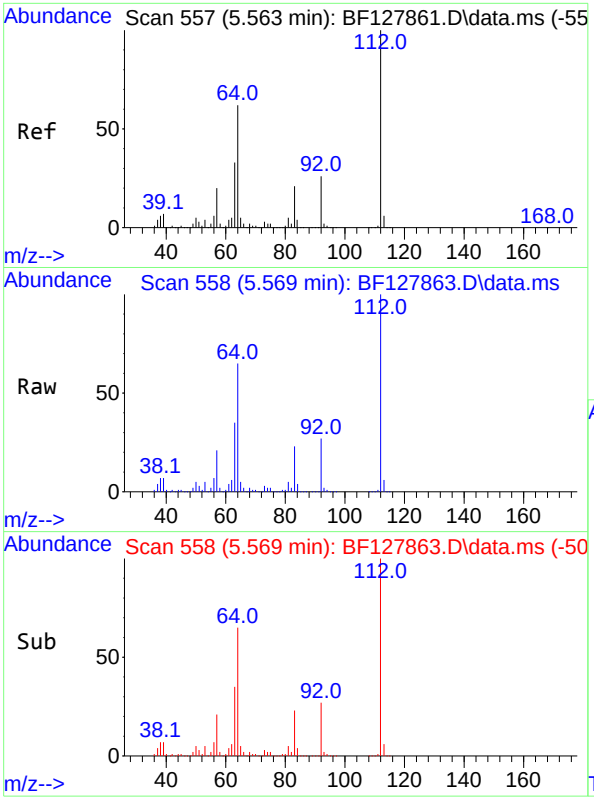


#4
n-Nitrosodimethylamine
Concen: 46.456 ng
RT: 3.551 min Scan# 215
Delta R.T. 0.029 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 42 Resp: 406983

Ion	Ratio	Lower	Upper
42	100		
74	120.6	99.0	148.4
44	6.2	5.2	7.8





#5
2-Fluorophenol
Concen: 100.662 ng
RT: 5.569 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:112 Resp: 124555

Ion	Ratio	Lower	Upper
112	100		
64	64.6	49.5	74.3
63	35.2	26.3	39.5

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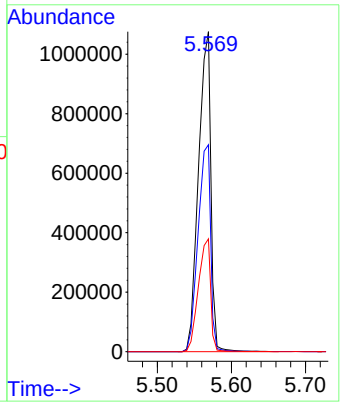
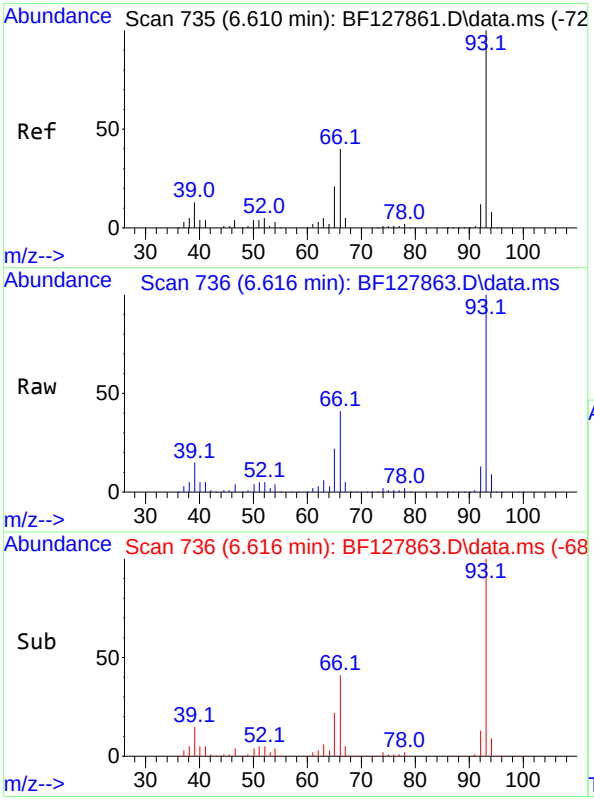
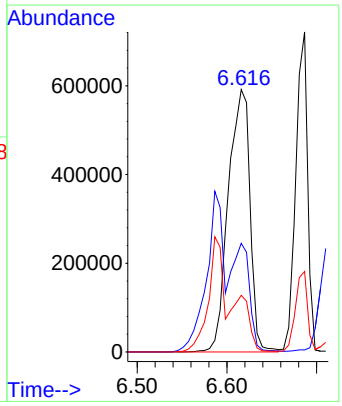


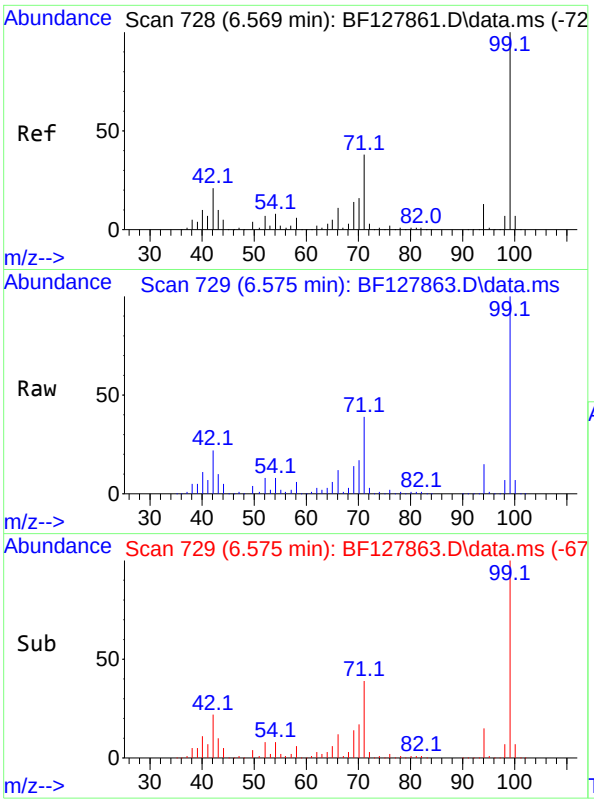


#6
Aniline
Concen: 55.304 ng
RT: 6.616 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 93 Resp: 993695

Ion	Ratio	Lower	Upper
93	100		
66	41.4	32.2	48.4
65	21.6	16.7	25.1

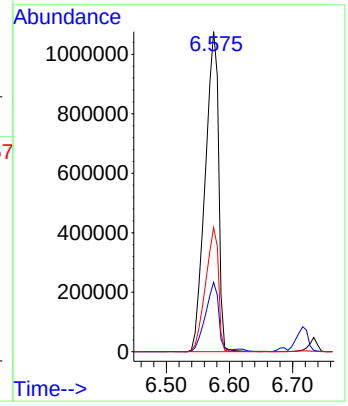




#7
Phenol-d6
Concen: 102.431 ng
RT: 6.575 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 99 Resp: 158275

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.6	24.8
71	38.8	30.0	45.0



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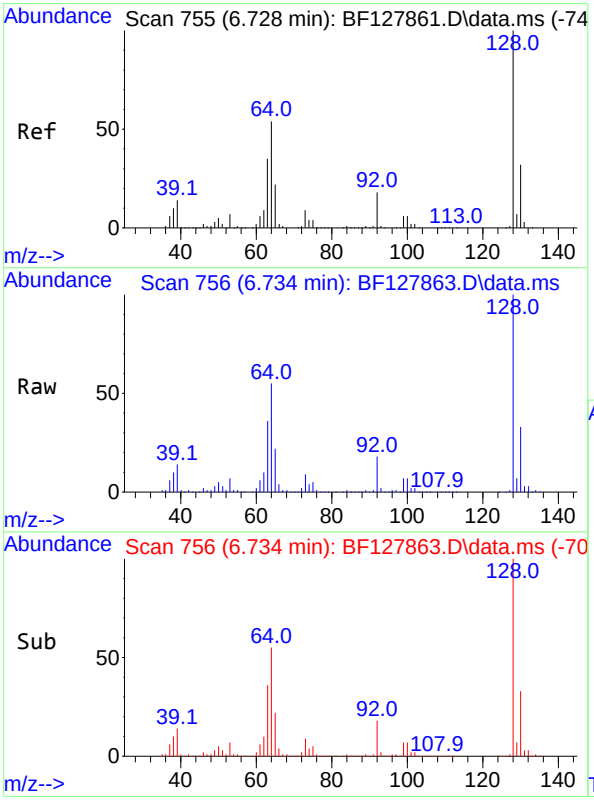
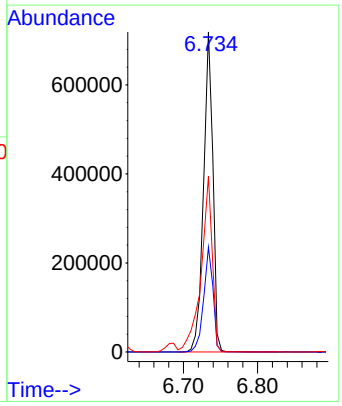
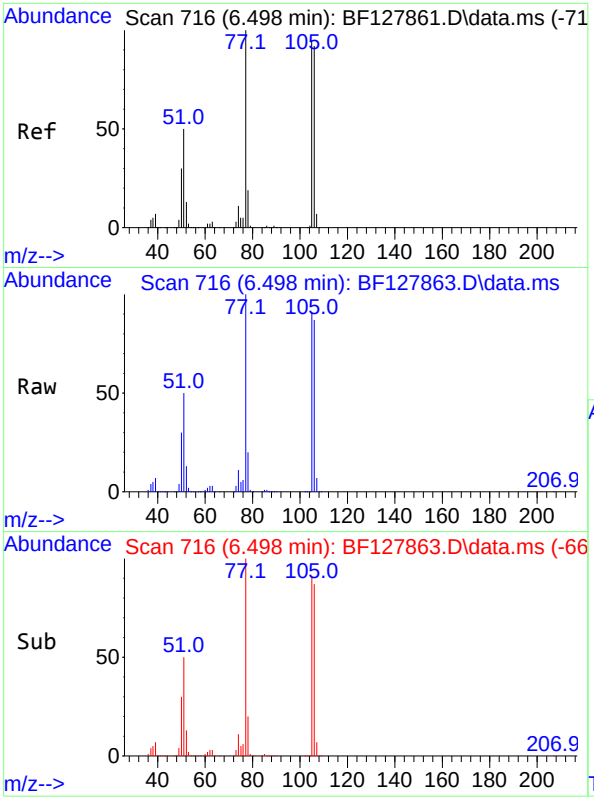


#8
2-Chlorophenol
Concen: 50.371 ng
RT: 6.734 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:128 Resp: 632356

Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.6	51.6
64	54.9	33.8	73.8

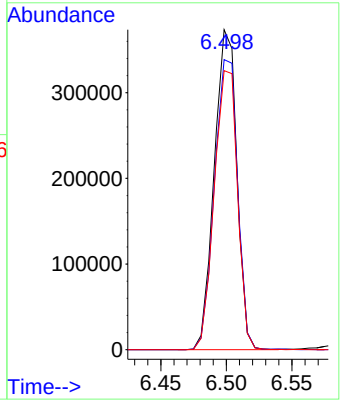




#9
Benzaldehyde
Concen: 50.546 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 77 Resp: 44635

Ion	Ratio	Lower	Upper
77	100		
105	90.7	74.9	114.9
106	87.2	72.2	112.2



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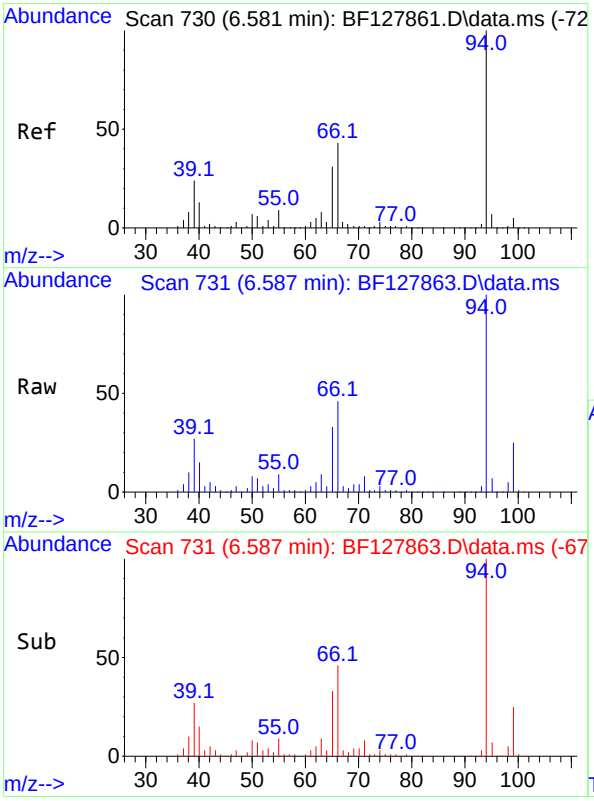
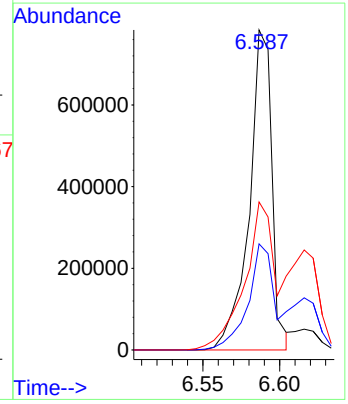
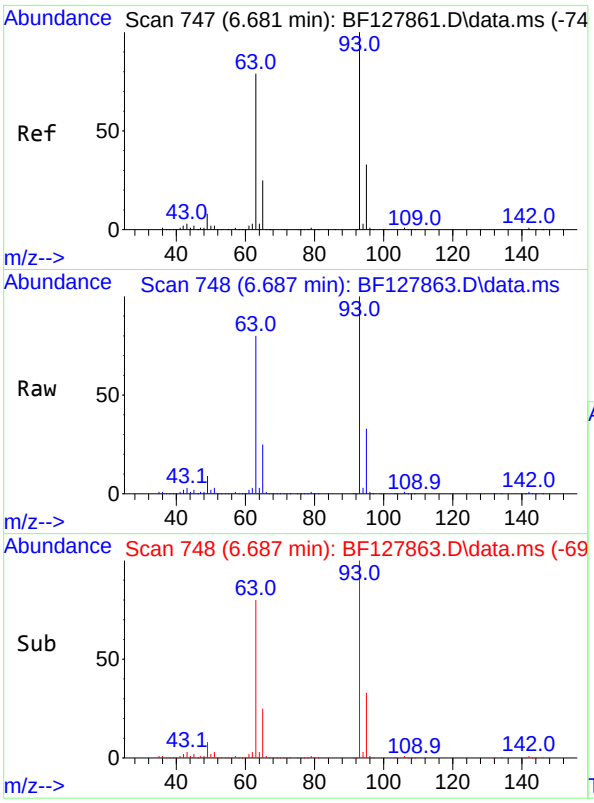


#10
Phenol
Concen: 51.754 ng m
RT: 6.587 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 94 Resp: 802068

Ion	Ratio	Lower	Upper
94	100		
65	33.1	10.6	50.6
66	46.2	22.6	62.6

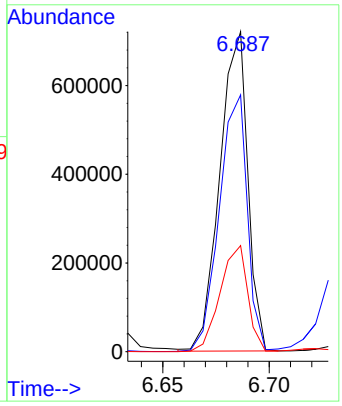




#11
bis(2-Chloroethyl)ether
Concen: 51.661 ng
RT: 6.687 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 93 Resp: 65822

Ion	Ratio	Lower	Upper
93	100		
63	80.3	58.6	98.6
95	33.2	12.9	52.9



Instrument :
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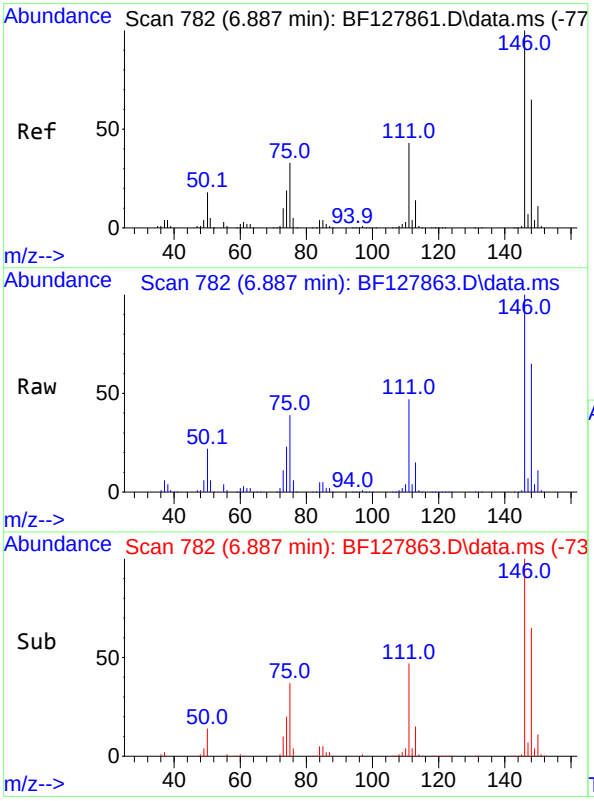
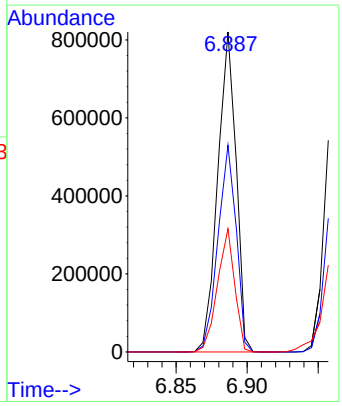
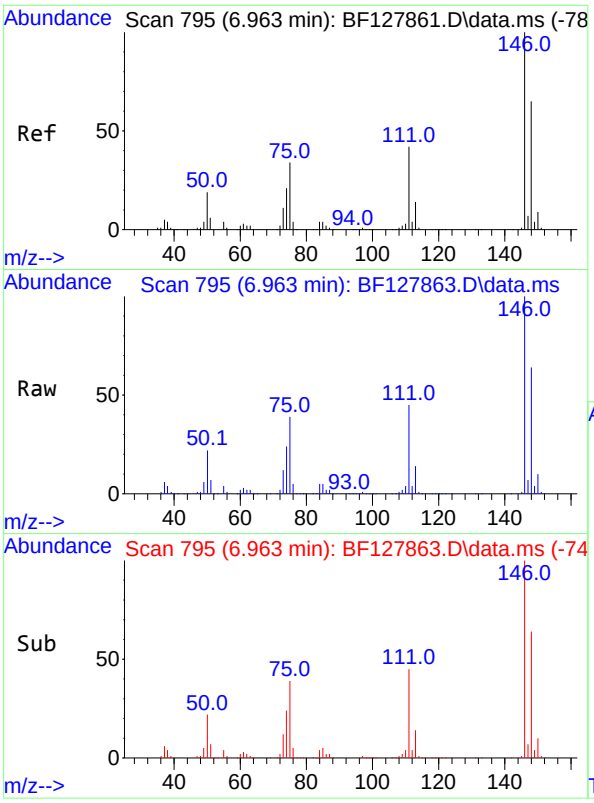


#12
1,3-Dichlorobenzene
Concen: 49.341 ng
RT: 6.887 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:146 Resp: 736348

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
75	38.5	26.2	39.4





#13
1,4-Dichlorobenzene
Concen: 51.080 ng
RT: 6.963 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:146 Resp: 73045

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.3	78.5
111	45.5	33.9	50.9

Instrument :
BNA_F
ClientSampleId :
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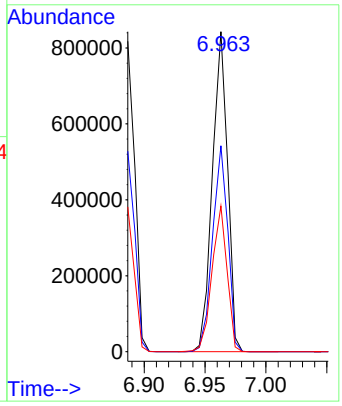
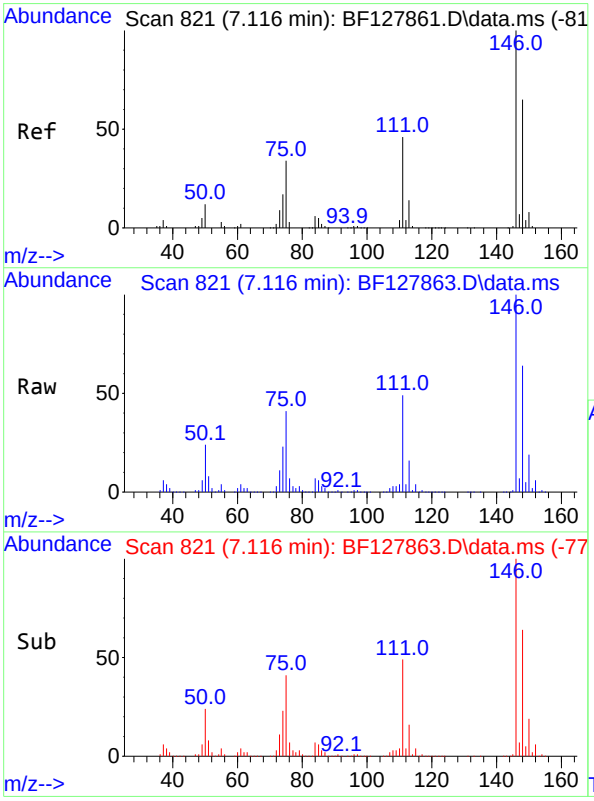
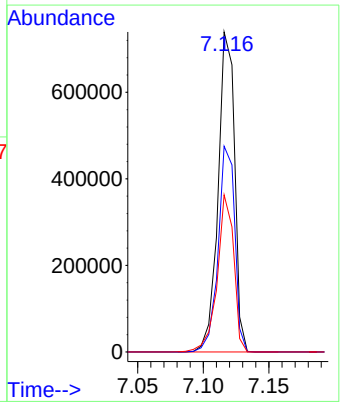


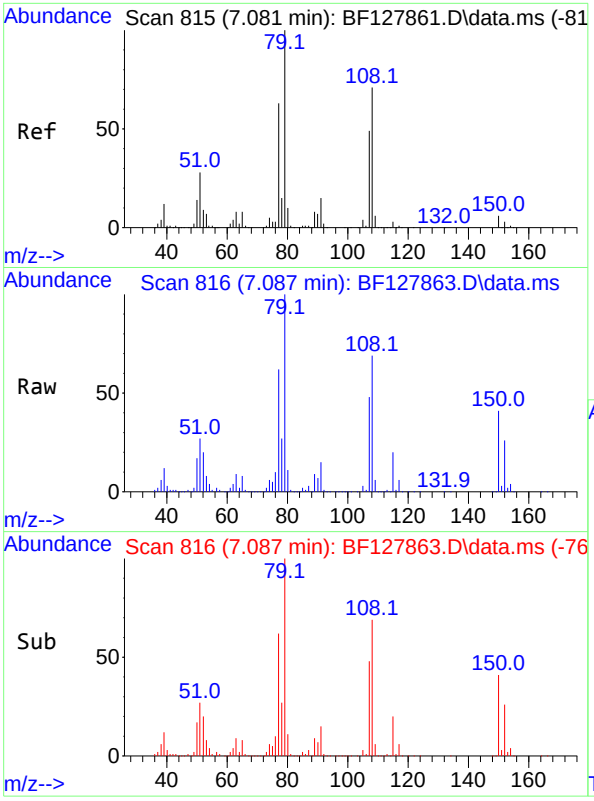


#14
1,2-Dichlorobenzene
Concen: 47.431 ng
RT: 7.116 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:146 Resp: 645337

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	49.1	36.6	55.0





#15
Benzyl Alcohol
Concen: 42.566 ng
RT: 7.087 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 79 Resp: 57248

Ion	Ratio	Lower	Upper
79	100		
108	69.1	57.0	85.6
77	62.4	50.2	75.4

Instrument :
BNA_F
ClientSampleId :
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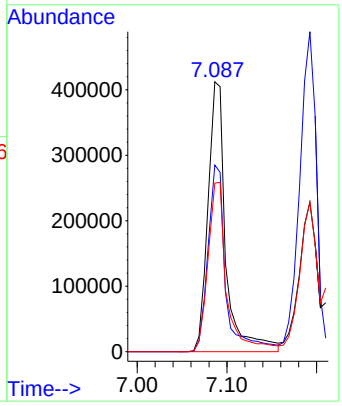
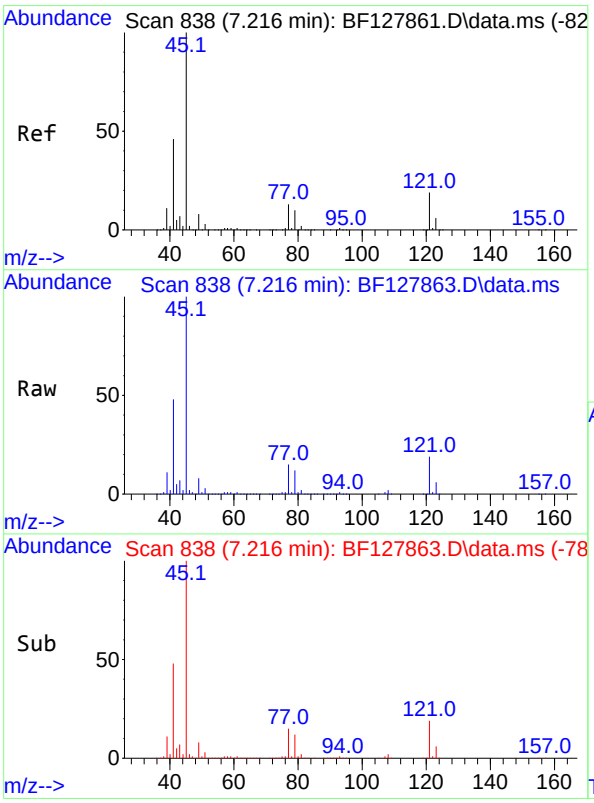
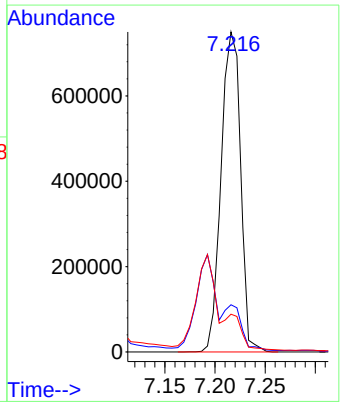


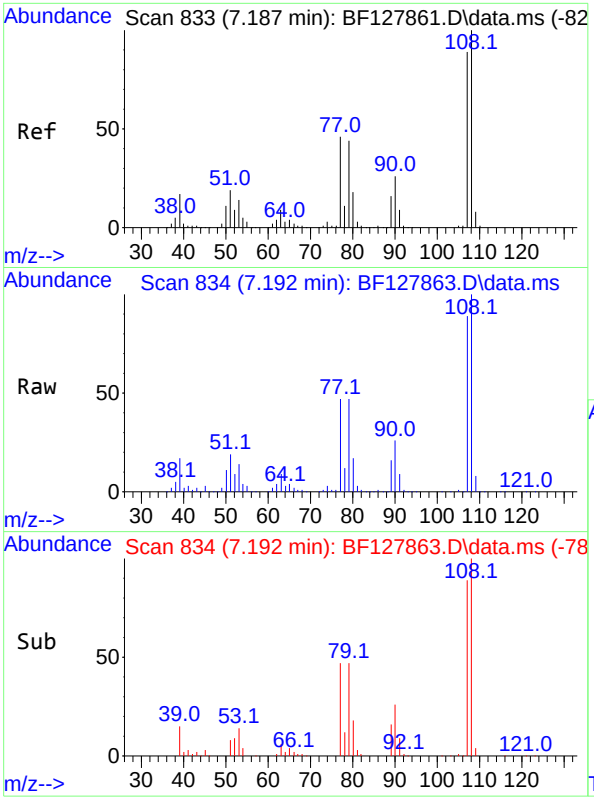


#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.085 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 45 Resp: 1009435

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.9
79	11.8	0.0	31.6

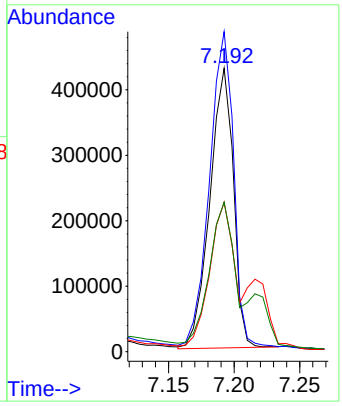




#17
2-Methylphenol
Concen: 50.664 ng
RT: 7.192 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:107 Resp: 53304

Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.2	135.2
77	52.7	41.9	62.9
79	52.8	41.8	62.8



Instrument :
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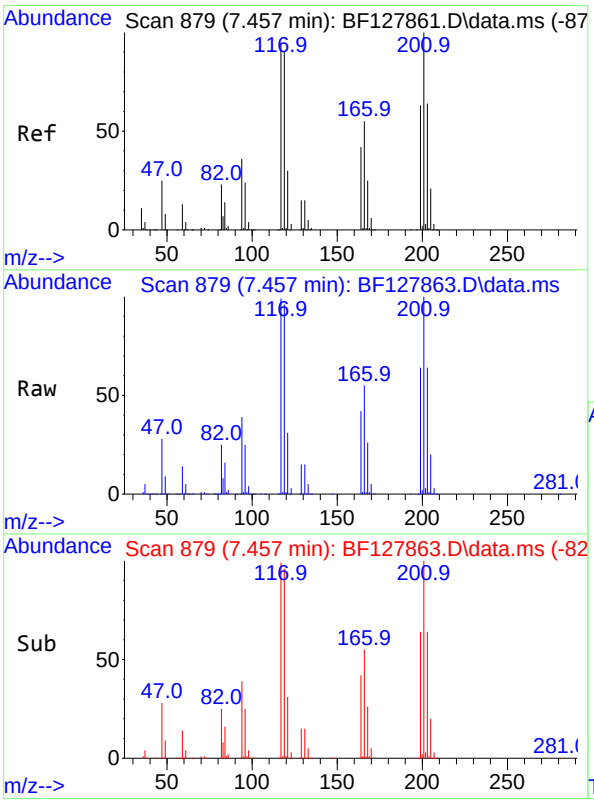
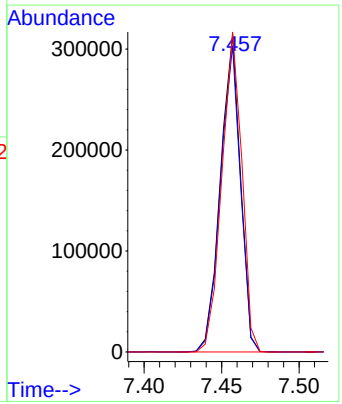
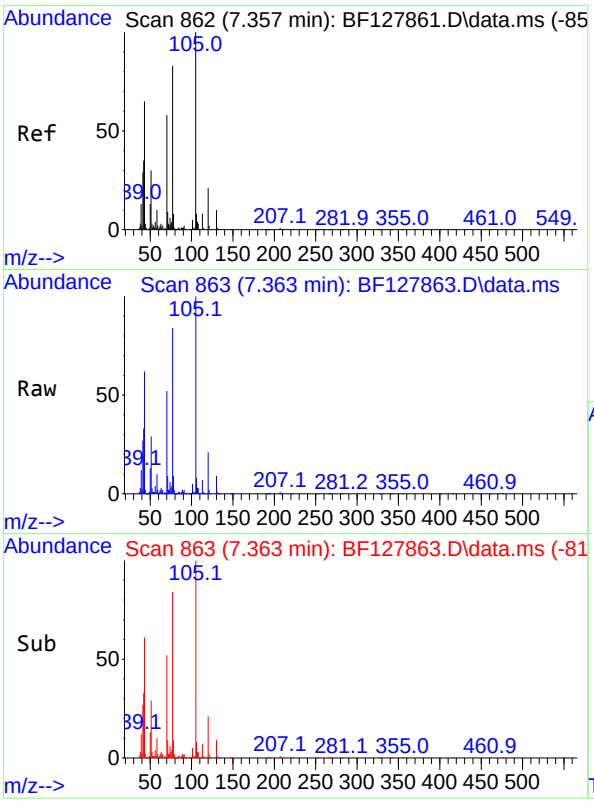


#18
Hexachloroethane
Concen: 47.835 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:117 Resp: 281403

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.2	114.4
201	100.7	84.4	126.6





#19
n-Nitroso-di-n-propylamine
Concen: 44.401 ng
RT: 7.363 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 47091

Ion	Ratio	Lower	Upper
70	100		
42	62.3	48.7	73.1
101	9.2	7.2	10.8
130	17.0	14.4	21.6

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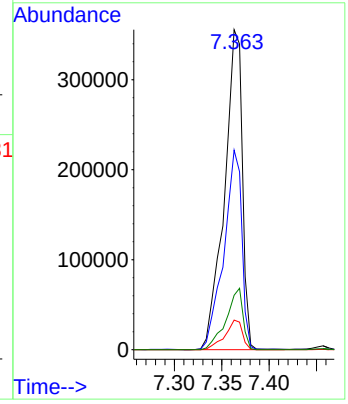
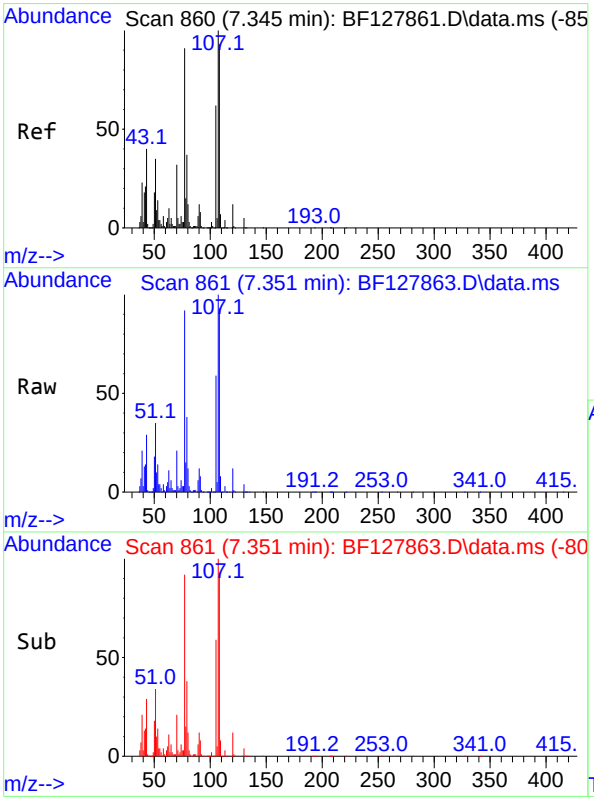
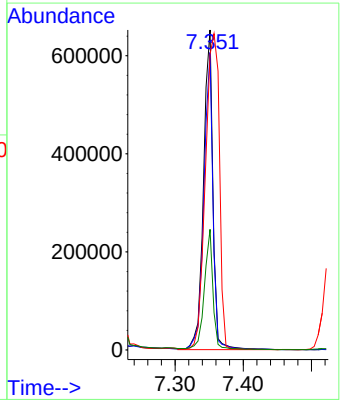


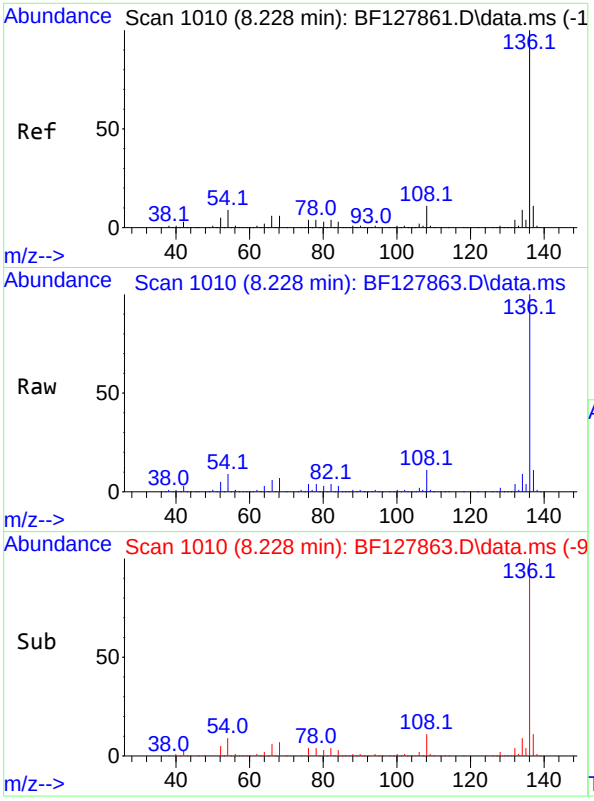


#20
3+4-Methylphenols
Concen: 44.991 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:107 Resp: 627139

Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.4	113.4
77	92.3	71.1	111.1
79	37.7	17.1	57.1

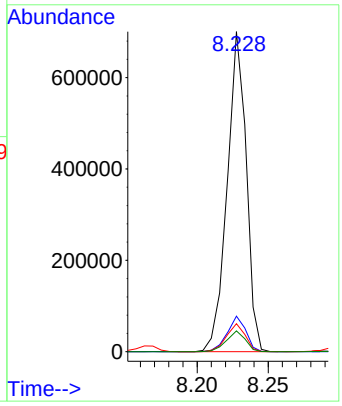




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:136 Resp: 65570

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.7	6.8	10.2
68	6.5	5.1	7.7



Instrument :
BNA_F
ClientSampleId :
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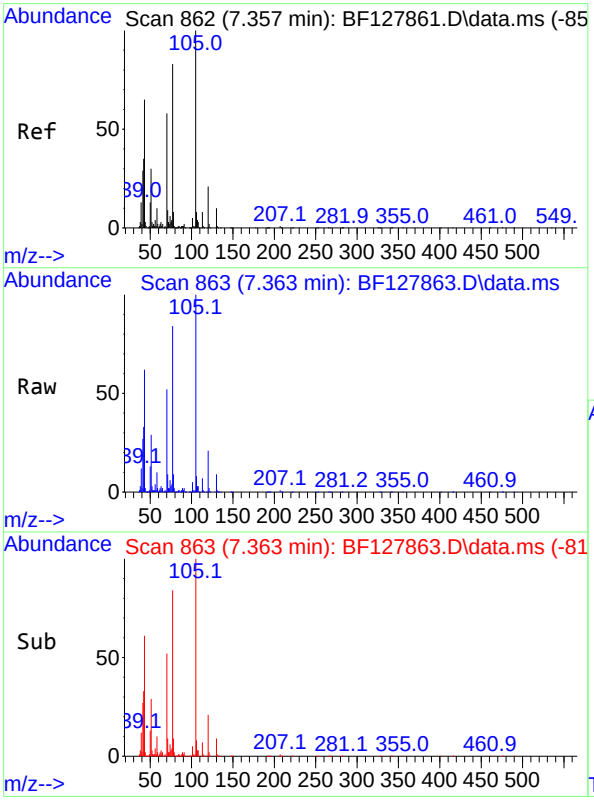
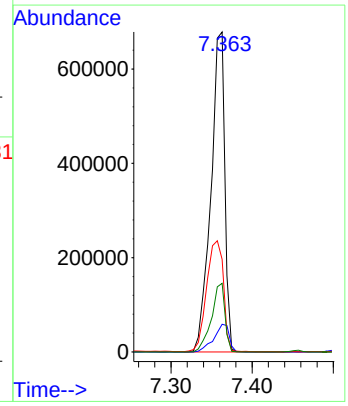
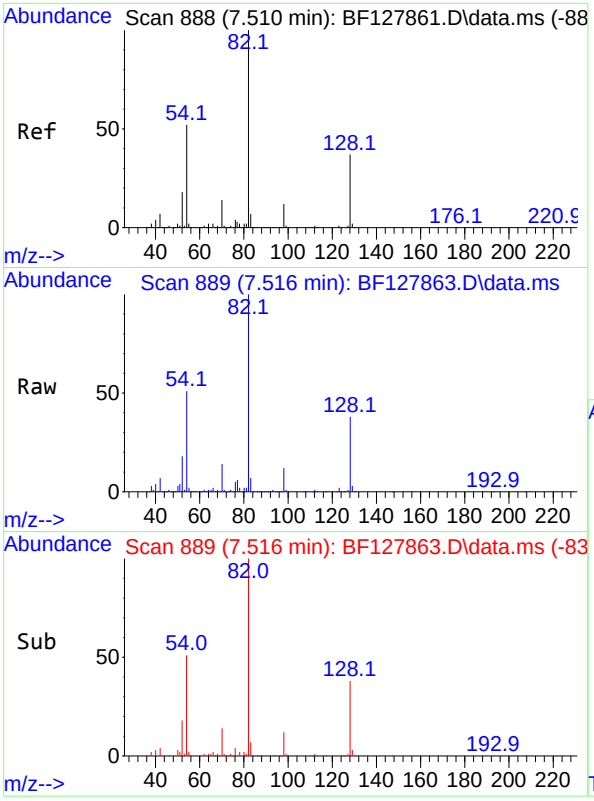


#22
Acetophenone
Concen: 51.343 ng
RT: 7.363 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:105 Resp: 808640

Ion	Ratio	Lower	Upper
105	100		
71	8.7	7.3	10.9
51	29.0	23.7	35.5
120	21.5	17.0	25.6

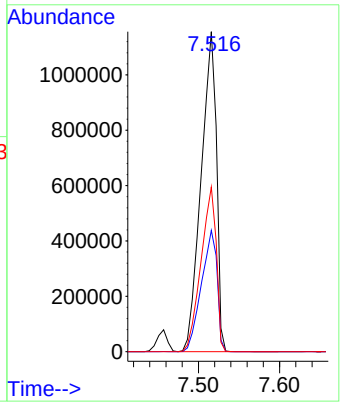




#23
Nitrobenzene-d5
Concen: 107.535 ng
RT: 7.516 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 82 Resp: 152039

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.0	45.0
54	51.5	41.3	61.9



Instrument :
BNA_F
ClientSampleId :
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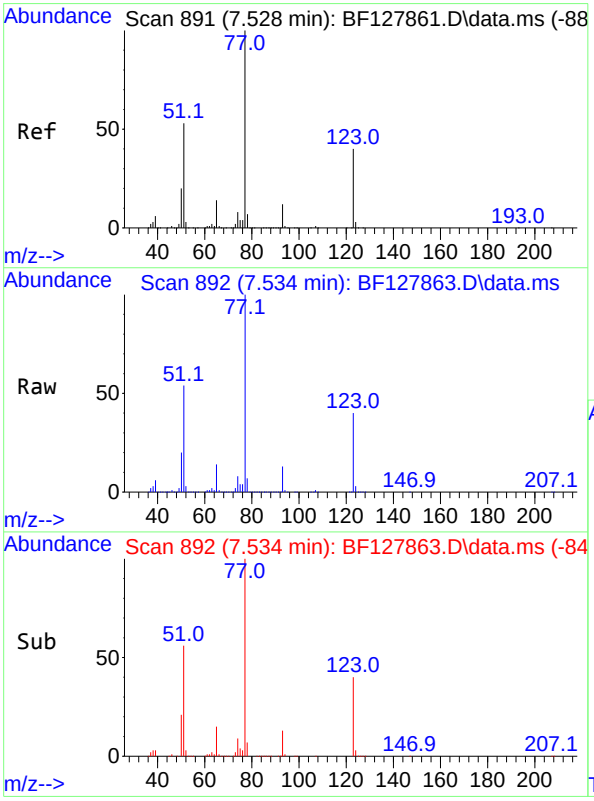
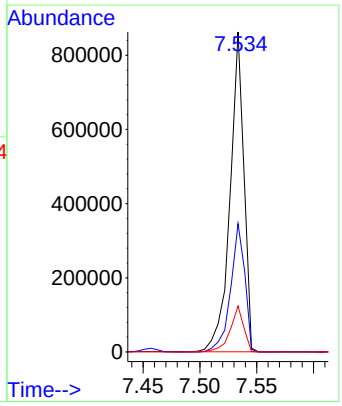
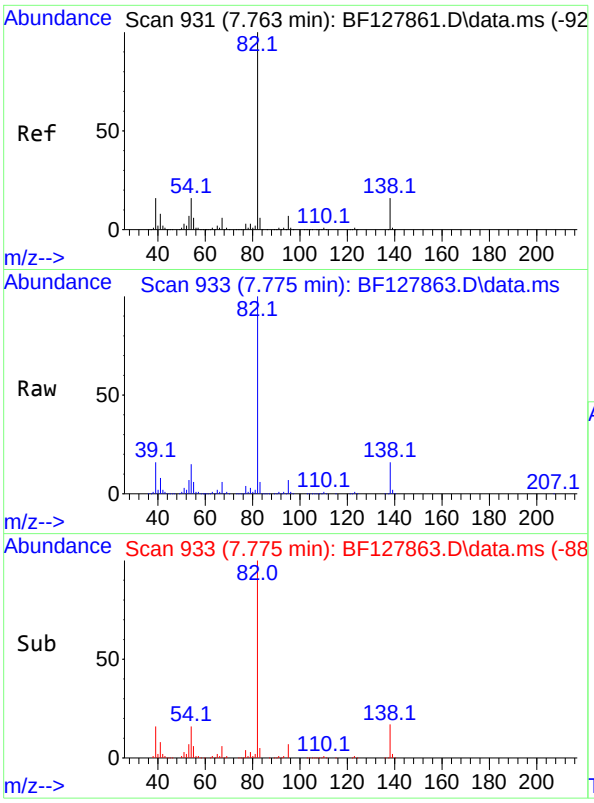


#24
Nitrobenzene
Concen: 55.575 ng
RT: 7.534 min Scan# 892
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 77 Resp: 732042

Ion	Ratio	Lower	Upper
77	100		
123	40.1	32.0	48.0
65	14.4	11.0	16.6





#25
Isophorone
Concen: 54.730 ng
RT: 7.775 min Scan# 9
Delta R.T. 0.012 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 82 Resp: 130196

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	16.3	12.5	18.7

Instrument :
BNA_F
ClientSampleId :
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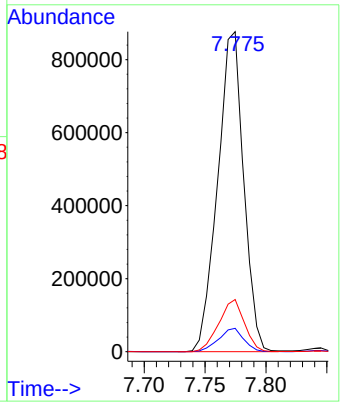
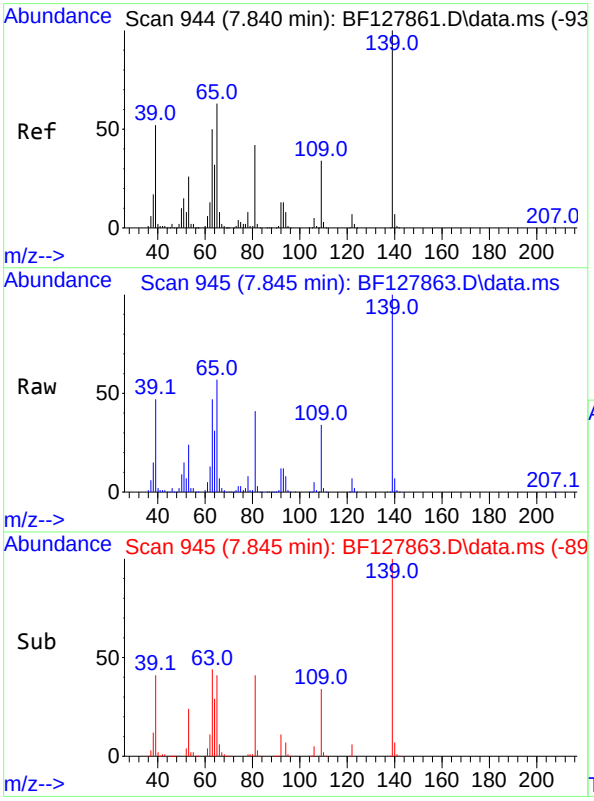
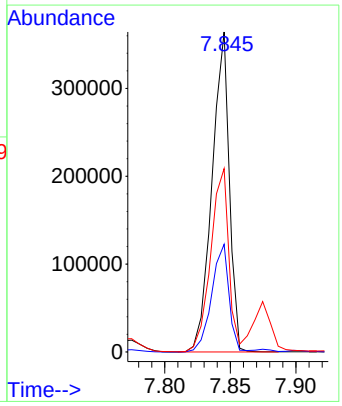


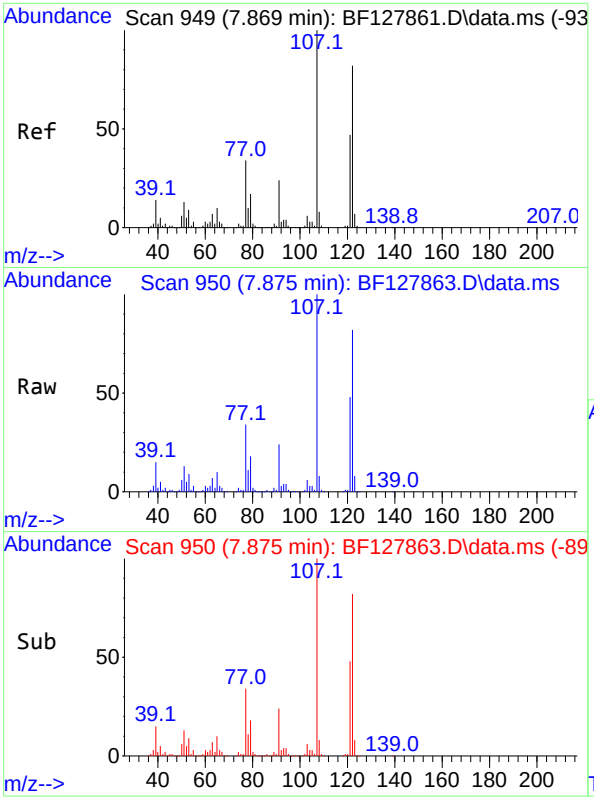


#26
2-Nitrophenol
Concen: 58.015 ng
RT: 7.845 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:139 Resp: 333507

Ion	Ratio	Lower	Upper
139	100		
109	33.6	27.4	41.2
65	57.3	50.8	76.2

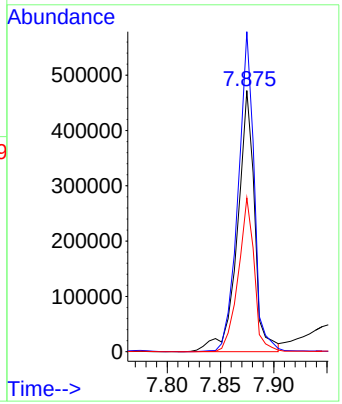




#27
2,4-Dimethylphenol
Concen: 58.022 ng
RT: 7.875 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:122 Resp: 52690

Ion	Ratio	Lower	Upper
122	100		
107	122.5	97.5	146.3
121	58.9	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
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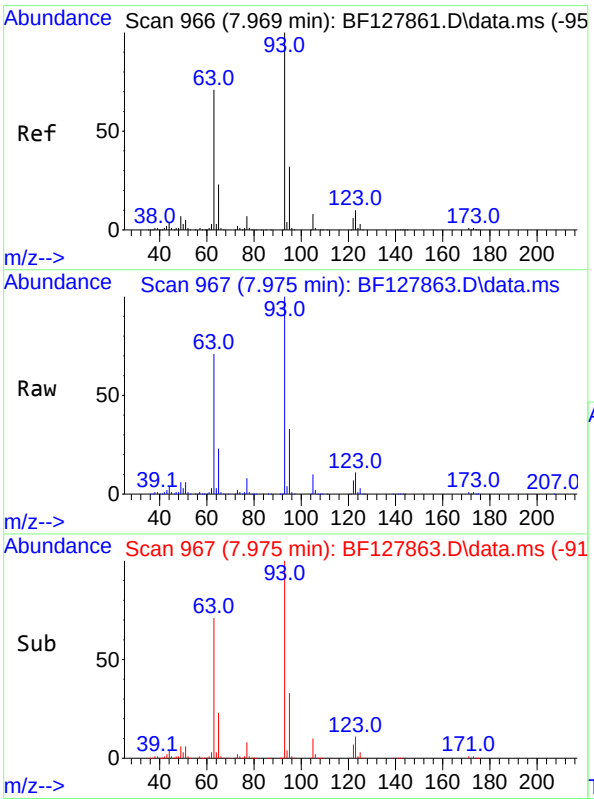
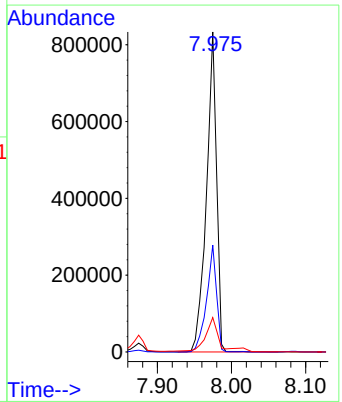
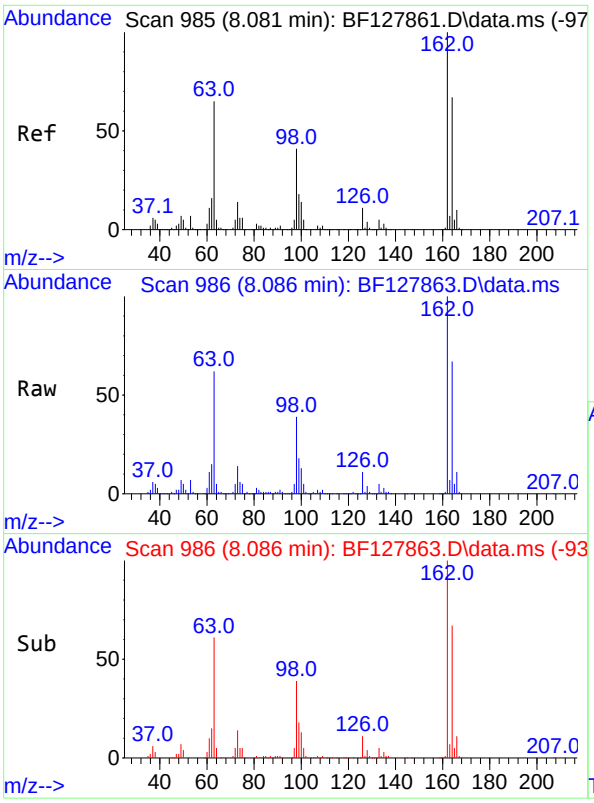


#28
bis(2-Chloroethoxy)methane
Concen: 56.006 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 93 Resp: 795160

Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.7	38.5
123	10.8	8.3	12.5





#29
2,4-Dichlorophenol
Concen: 50.965 ng
RT: 8.086 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:162 Resp: 54270

Ion	Ratio	Lower	Upper
162	100		
164	66.8	47.1	87.1
98	39.0	20.7	60.7

Instrument :
BNA_F
ClientSampleId :
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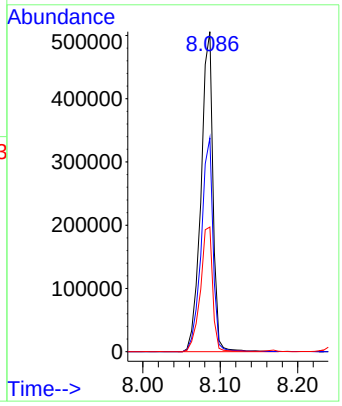
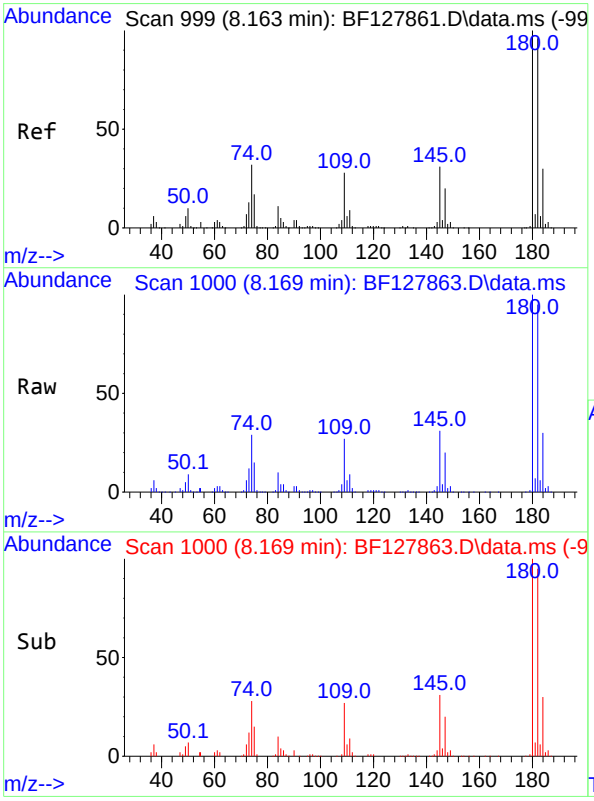
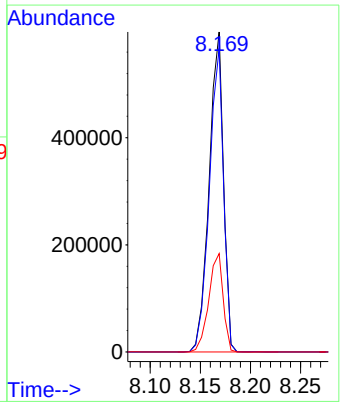


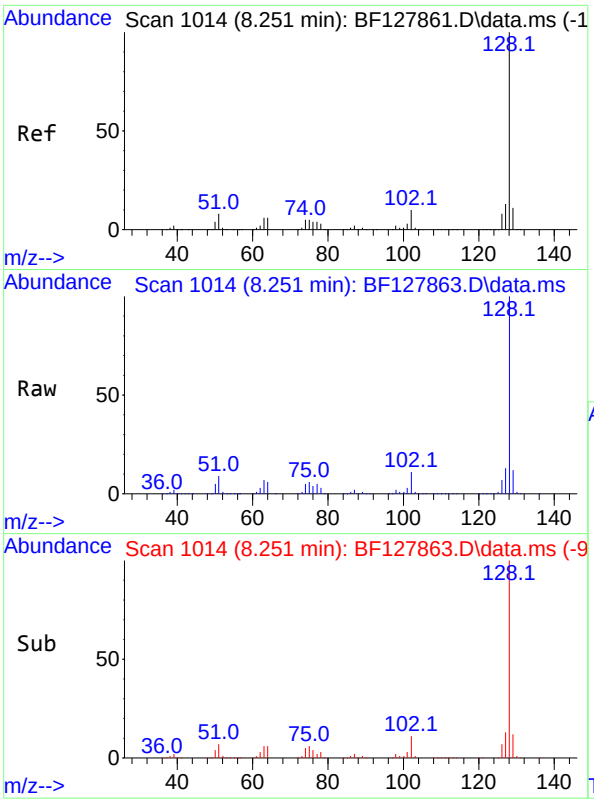


#30
1,2,4-Trichlorobenzene
Concen: 47.417 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:180 Resp: 595660

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.4	114.6
145	30.8	25.1	37.7

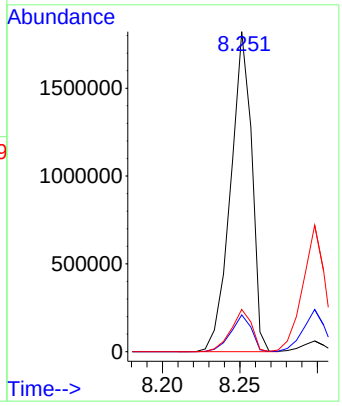




#31
Naphthalene
Concen: 50.806 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:128 Resp: 172536

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.2	10.6	16.0



Instrument :
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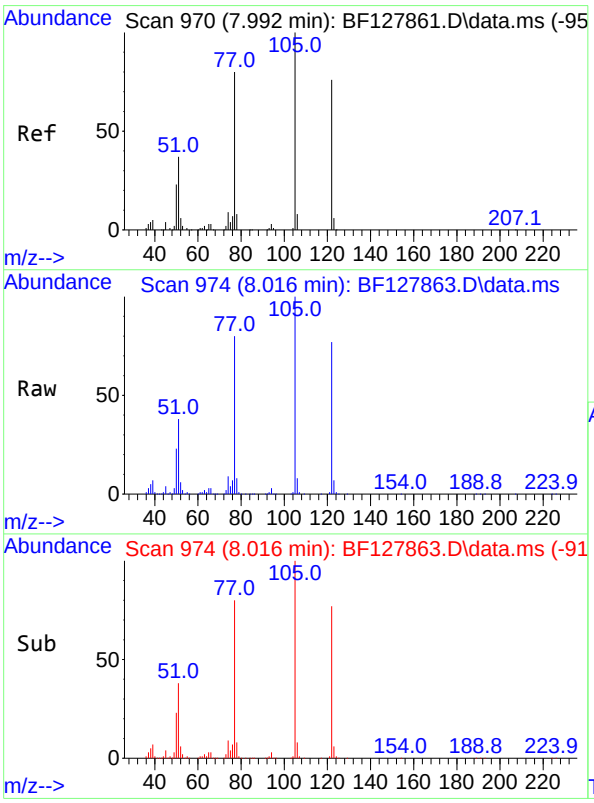
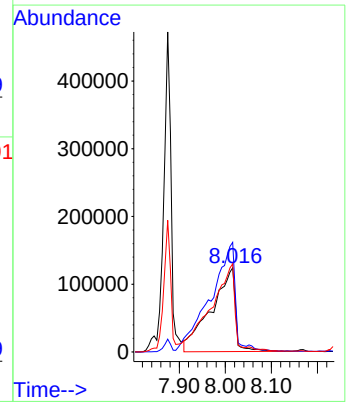
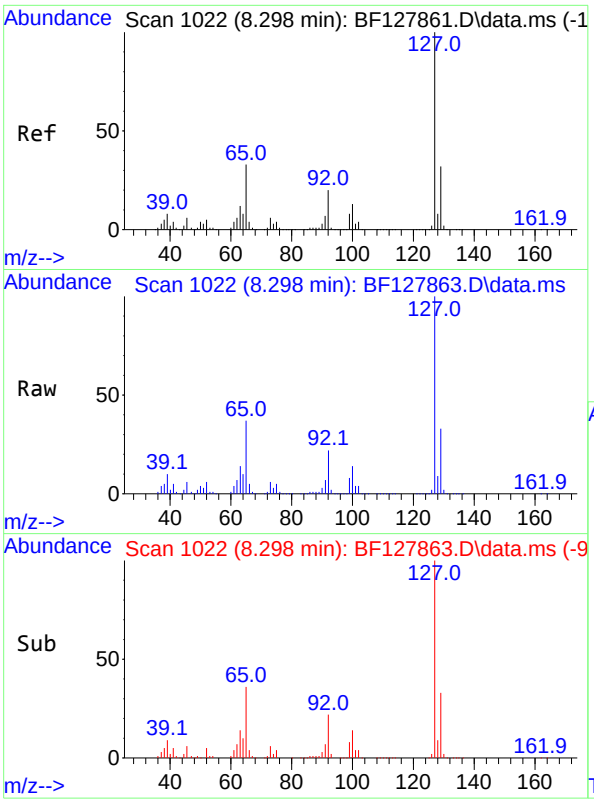


#32
Benzoic acid
Concen: 69.495 ng
RT: 8.016 min Scan# 974
Delta R.T. 0.023 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:122 Resp: 451538

Ion	Ratio	Lower	Upper
122	100		
105	130.3	107.9	147.9
77	104.7	82.5	122.5

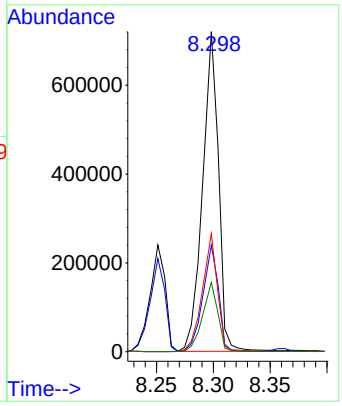




#33
4-Chloroaniline
Concen: 52.004 ng
RT: 8.298 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:127 Resp: 70096

Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.8	38.8
65	36.9	26.7	40.1
92	21.6	16.0	24.0



Instrument :
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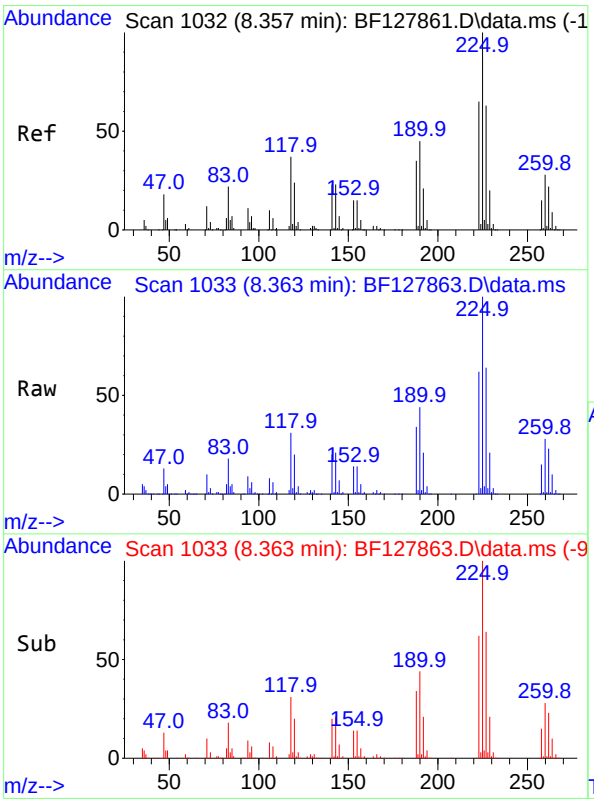
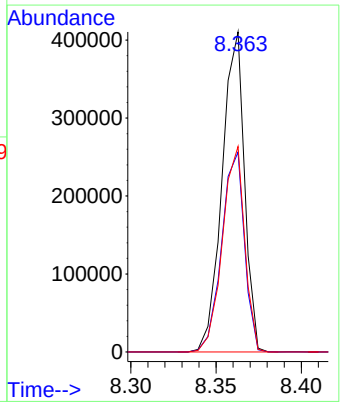
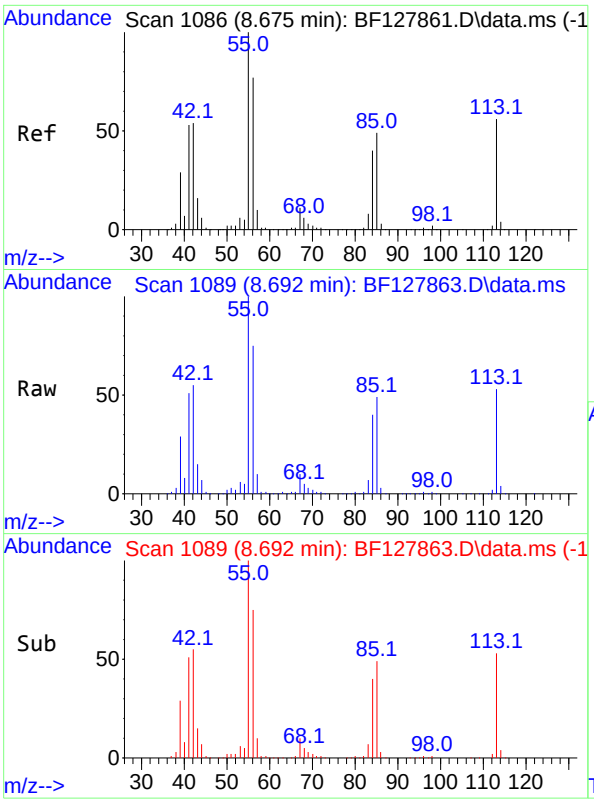


#34
Hexachlorobutadiene
Concen: 40.403 ng
RT: 8.363 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:225 Resp: 375569

Ion	Ratio	Lower	Upper
225	100		
223	62.4	52.0	78.0
227	64.2	50.7	76.1

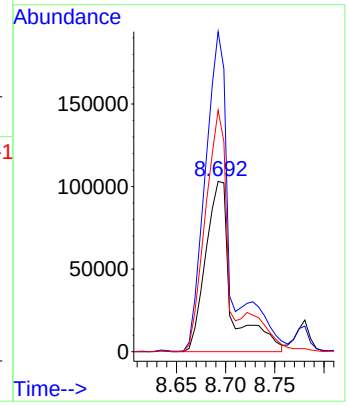




#35
Caprolactam
Concen: 56.821 ng m
RT: 8.692 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:113 Resp: 19003

Ion	Ratio	Lower	Upper
113	100		
55	187.9	157.4	197.4
56	141.8	116.1	156.1



Instrument :
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ClientSampleId :
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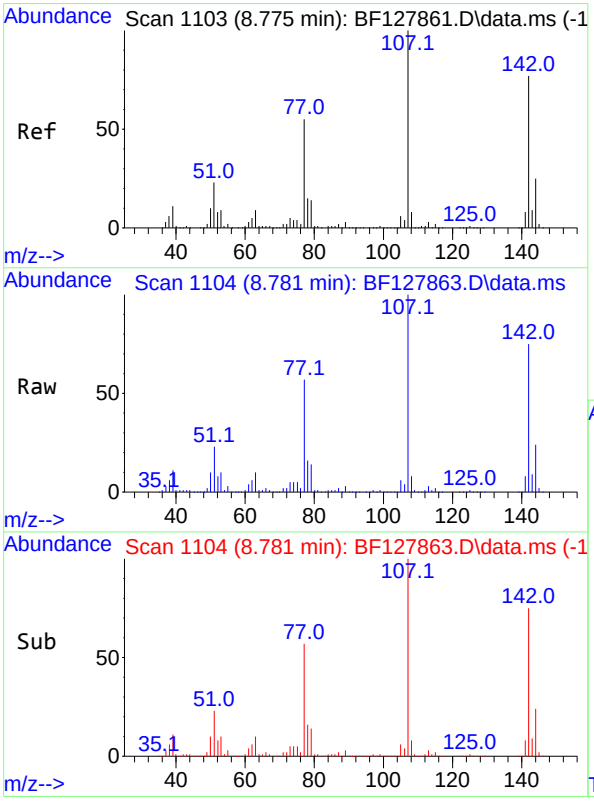
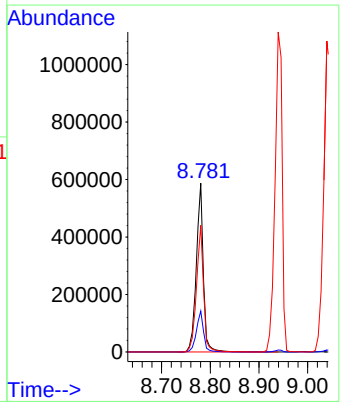
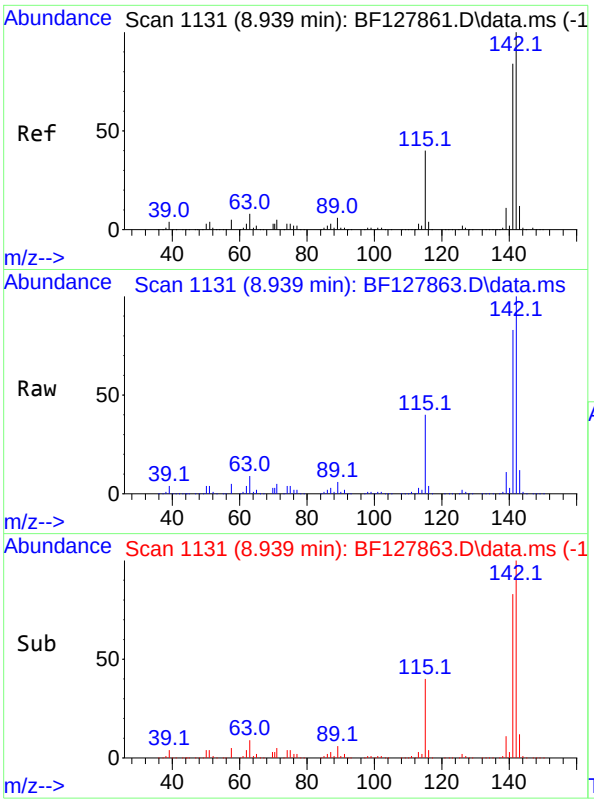


#36
4-Chloro-3-methylphenol
Concen: 47.707 ng
RT: 8.781 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:107 Resp: 594798

Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.2	30.4
142	75.0	61.5	92.3





#37
2-Methylnaphthalene
Concen: 46.333 ng
RT: 8.939 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:142 Resp: 113364

Ion	Ratio	Lower	Upper
142	100		
141	83.4	67.4	101.2

Instrument :
BNA_F
ClientSampleId :
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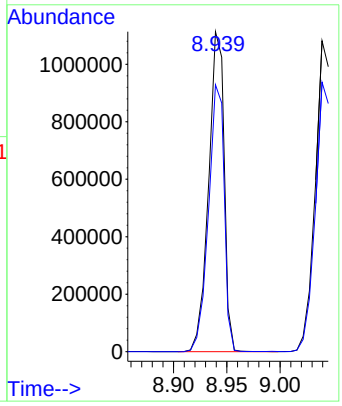
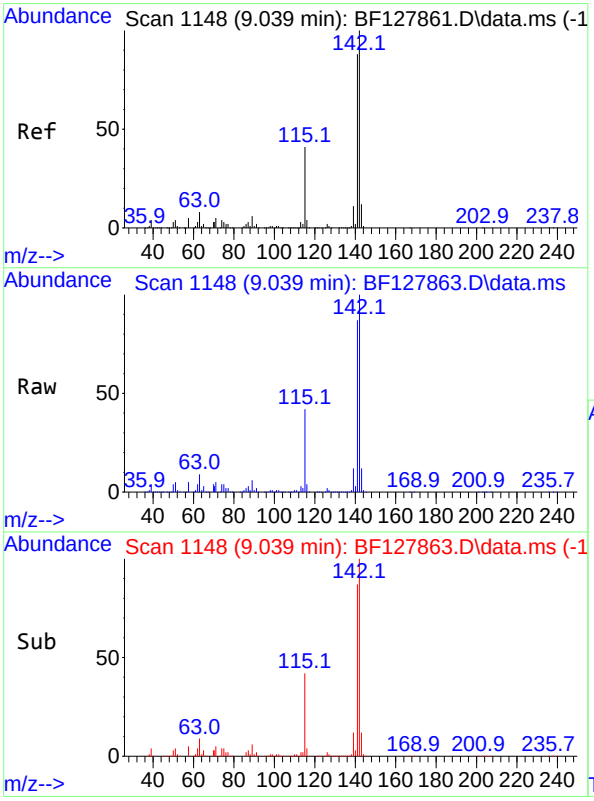
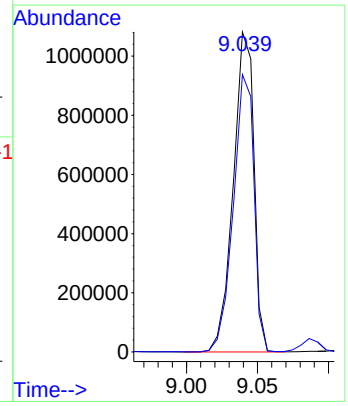


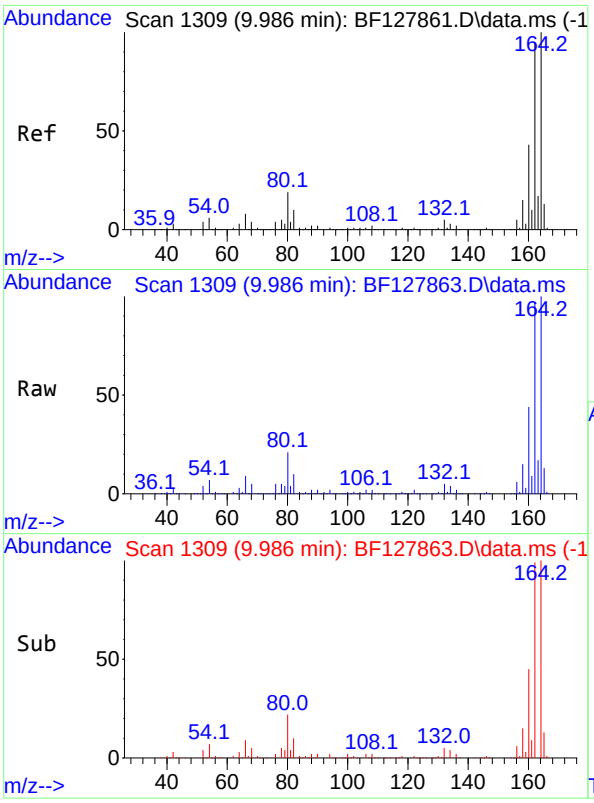


#38
1-Methylnaphthalene
Concen: 46.158 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:142 Resp: 1092461

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.1	105.1

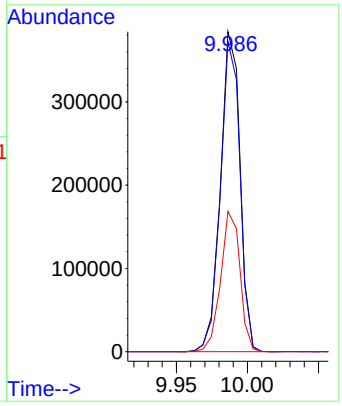




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:164 Resp: 36856

Ion	Ratio	Lower	Upper
164	100		
162	96.9	76.0	114.0
160	43.9	34.8	52.2



Instrument :
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ClientSampleId :
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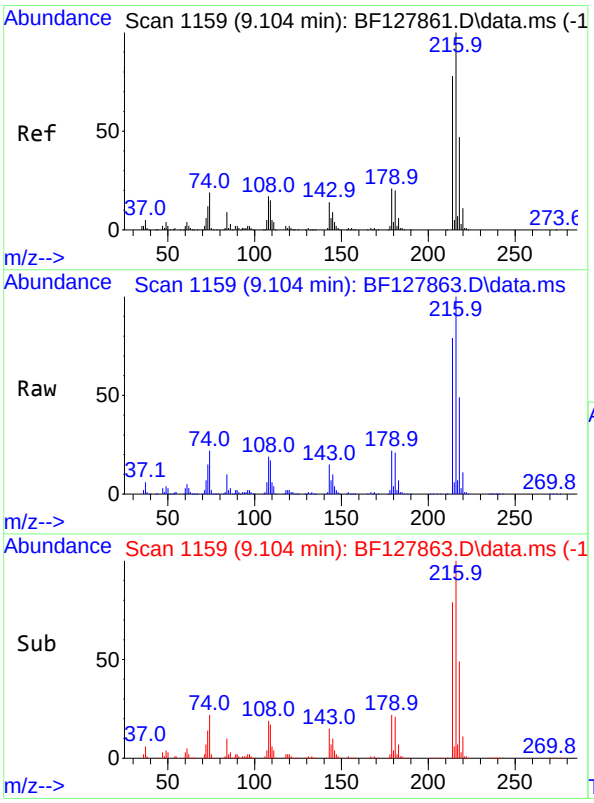
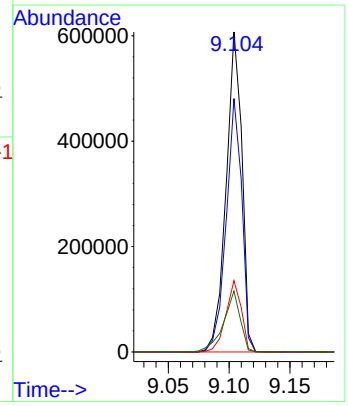
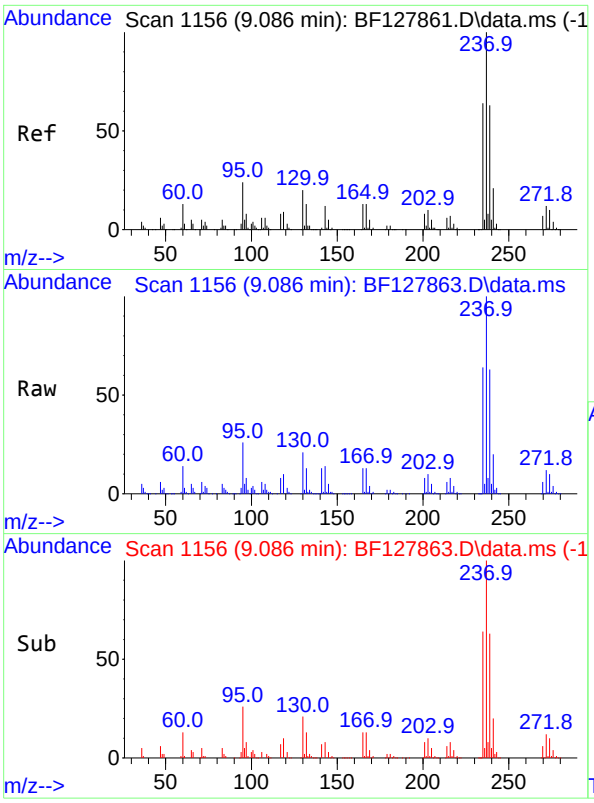


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.117 ng
RT: 9.104 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:216 Resp: 548613

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	94.0
179	21.8	16.9	25.3
108	20.1	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 41.387 ng
RT: 9.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:237 Resp: 33648

Ion	Ratio	Lower	Upper
237	100		
235	64.4	43.6	83.6
272	12.0	0.0	32.1

Instrument :
BNA_F
ClientSampleId :
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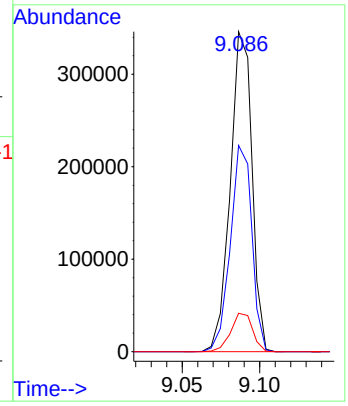
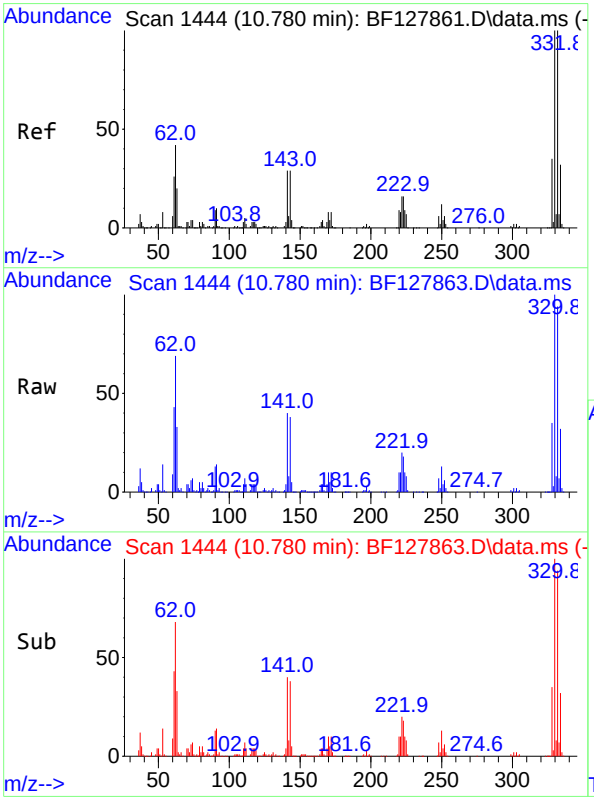
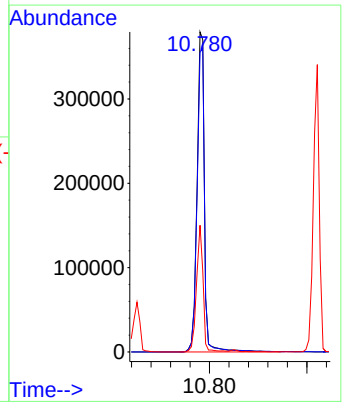


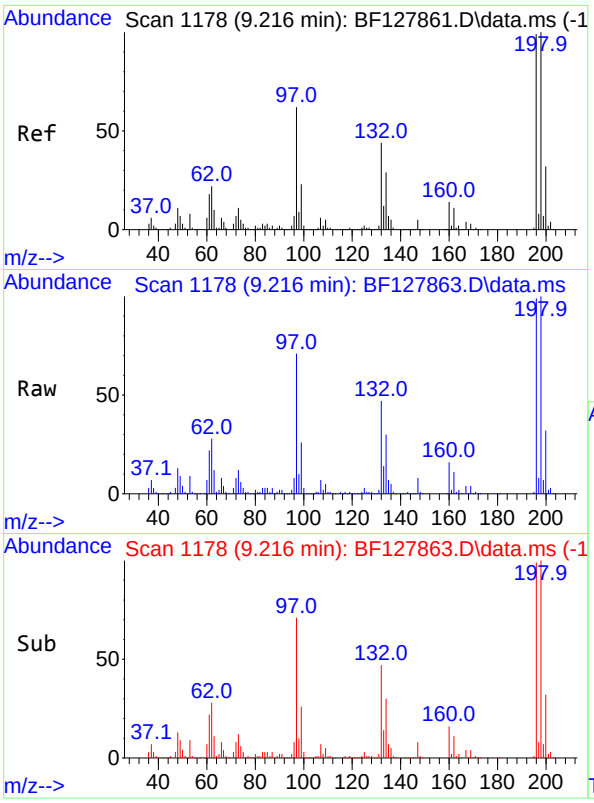


#42
2,4,6-Tribromophenol
Concen: 89.556 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:330 Resp: 402082

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	35.3	28.9	43.3

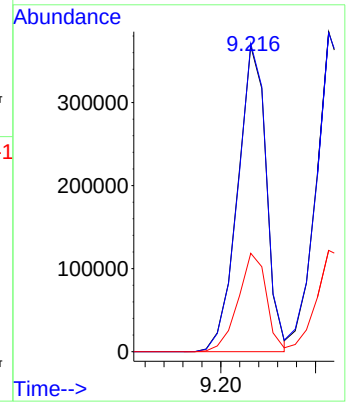




#43
2,4,6-Trichlorophenol
Concen: 43.317 ng
RT: 9.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:196 Resp: 38678

Ion	Ratio	Lower	Upper
196	100		
198	100.7	80.4	120.6
200	32.2	25.9	38.9



Instrument :
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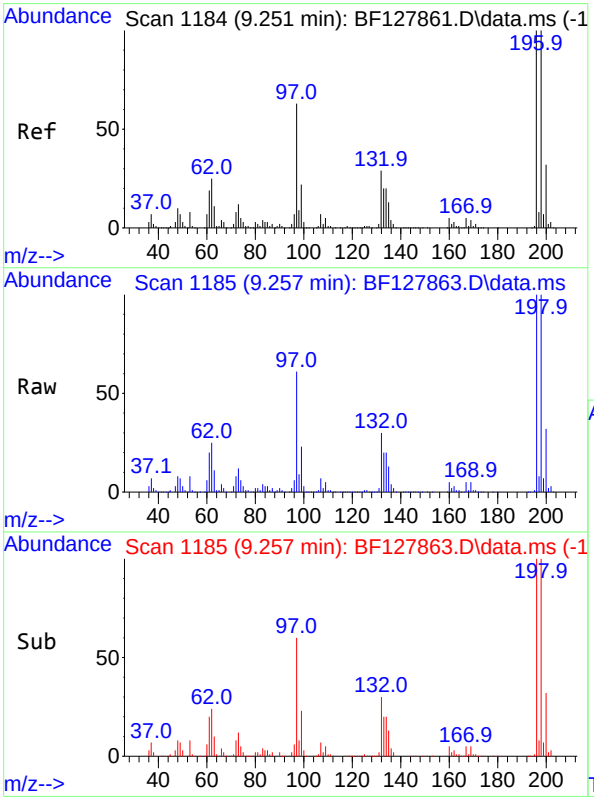
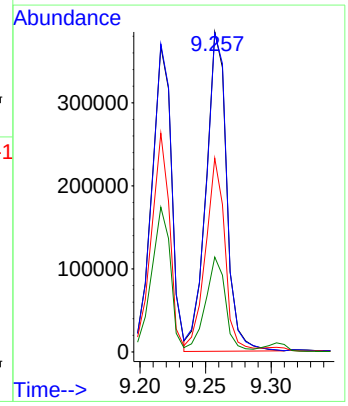
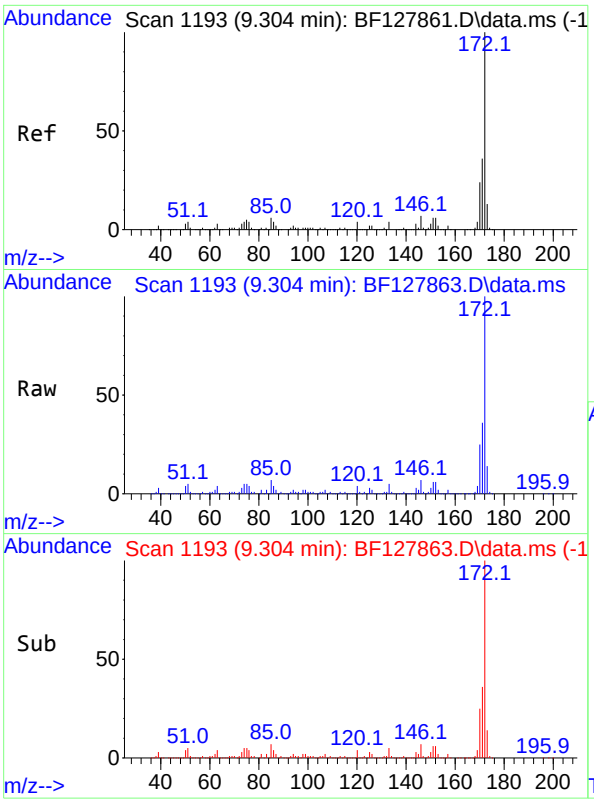


#44
2,4,5-Trichlorophenol
Concen: 44.553 ng
RT: 9.257 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:196 Resp: 421082

Ion	Ratio	Lower	Upper
196	100		
198	99.6	80.2	120.2
97	60.5	50.3	75.5
132	29.6	23.8	35.6

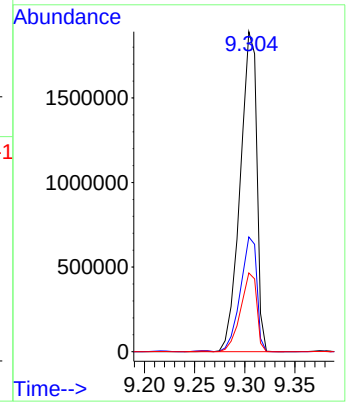




#45
2-Fluorobiphenyl
Concen: 77.496 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:172 Resp: 218671

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.6	19.1	28.7



Instrument :
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ClientSampleId :
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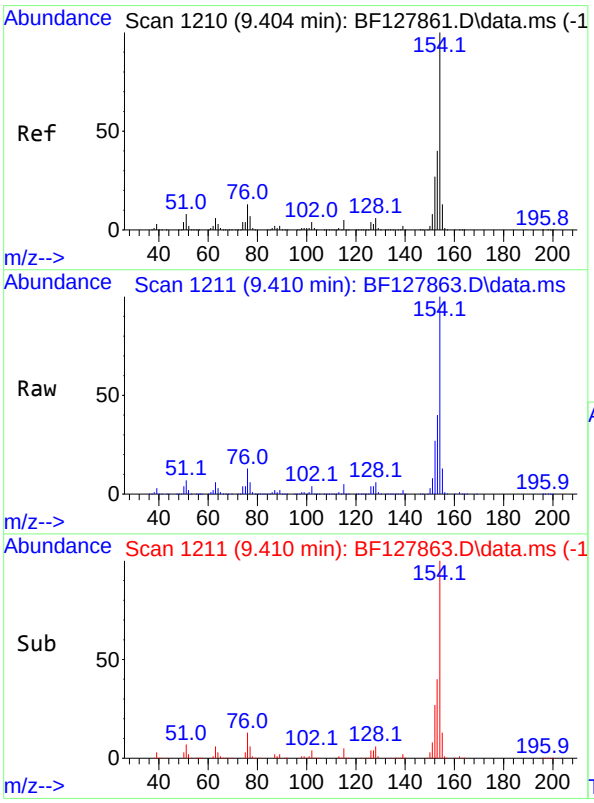
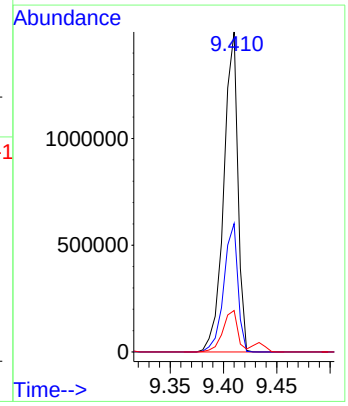
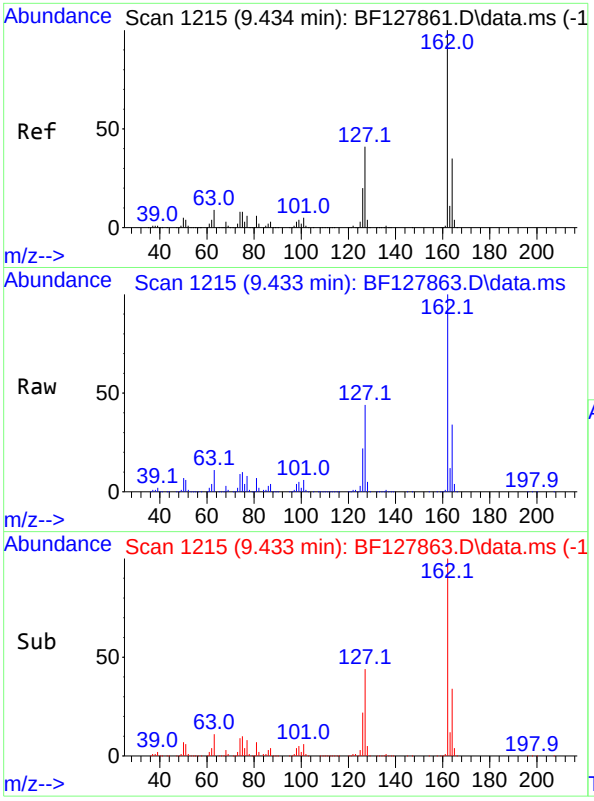


#46
1,1'-Biphenyl
Concen: 46.383 ng
RT: 9.410 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:154 Resp: 1371849

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.4	60.4
76	12.9	0.0	33.2

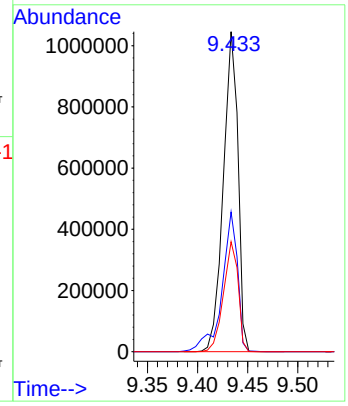




#47
2-Chloronaphthalene
Concen: 44.353 ng
RT: 9.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:162 Resp: 105902

Ion	Ratio	Lower	Upper
162	100		
127	43.7	32.9	49.3
164	34.3	28.2	42.2



Instrument :
BNA_F
ClientSampleId :
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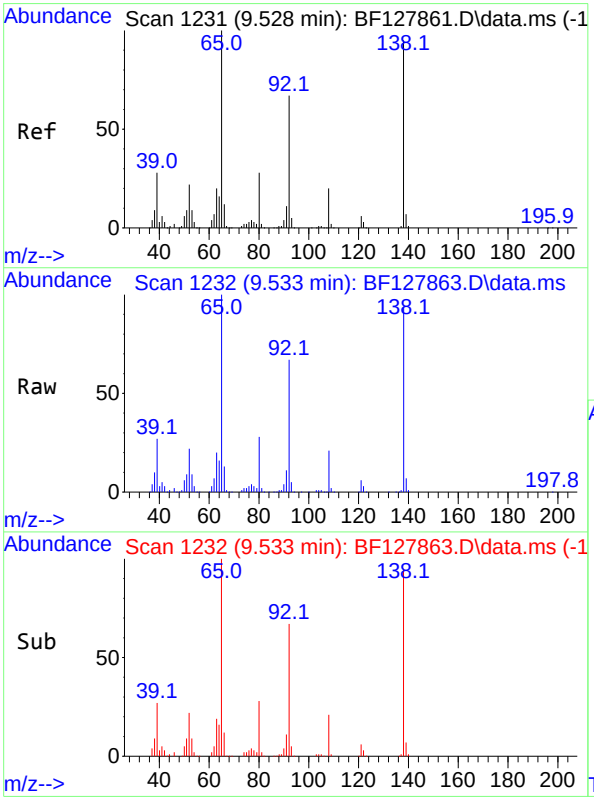
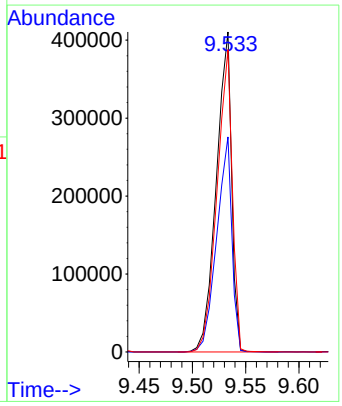
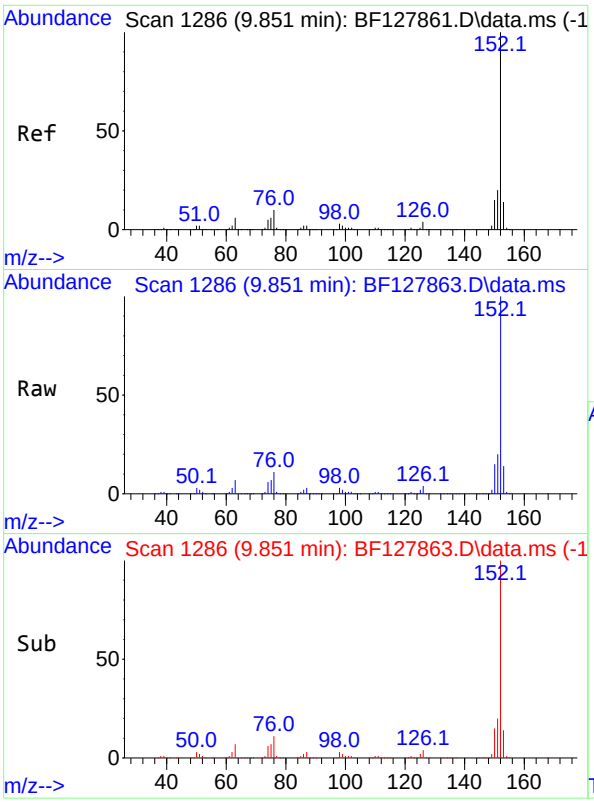


#48
2-Nitroaniline
Concen: 49.492 ng
RT: 9.533 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 65 Resp: 409891

Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.7	80.5
138	94.5	76.4	114.6

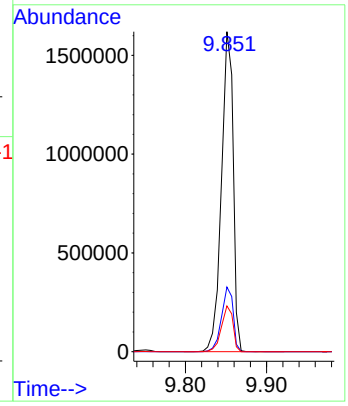




#49
Acenaphthylene
Concen: 47.608 ng
RT: 9.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:152 Resp: 162723

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	14.3	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
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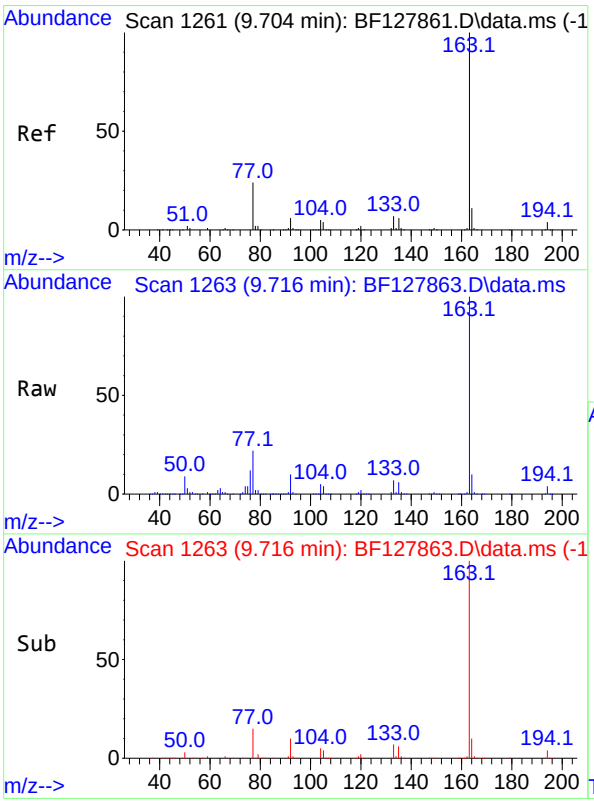
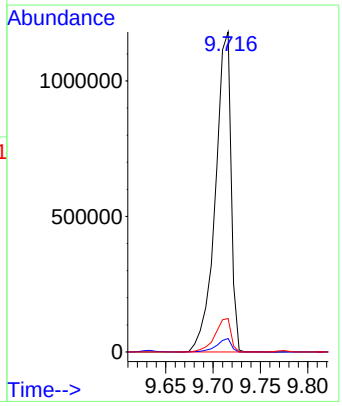
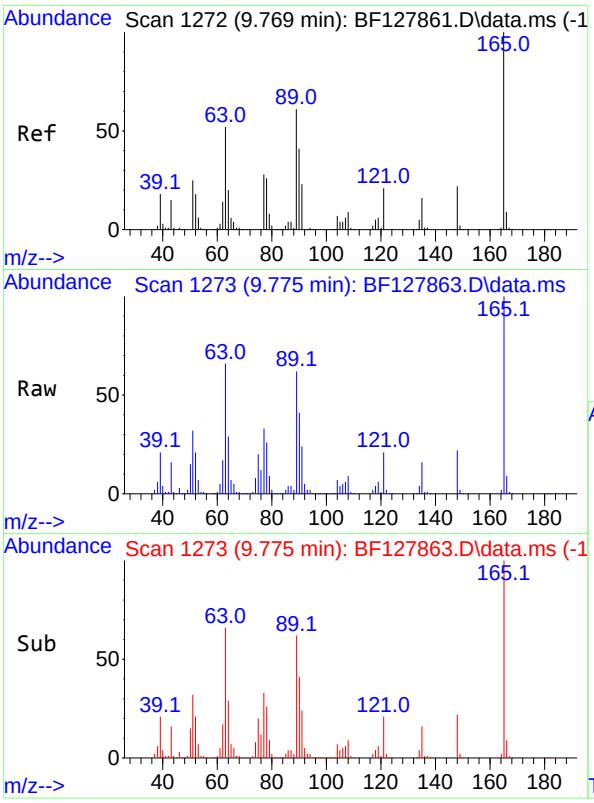


#50
Dimethylphthalate
Concen: 48.931 ng
RT: 9.716 min Scan# 1263
Delta R.T. 0.012 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:163 Resp: 1353535

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.4	8.6	13.0

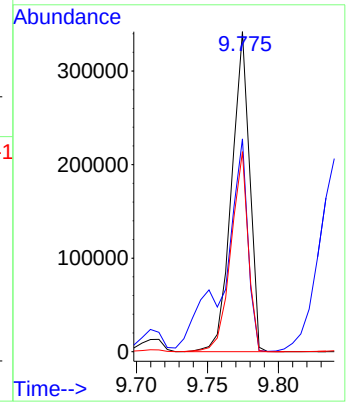




#51
2,6-Dinitrotoluene
Concen: 54.509 ng
RT: 9.775 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:165 Resp: 30004

Ion	Ratio	Lower	Upper
165	100		
63	66.5	49.5	74.3
89	62.5	49.0	73.4



Instrument :
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ClientSampleId :
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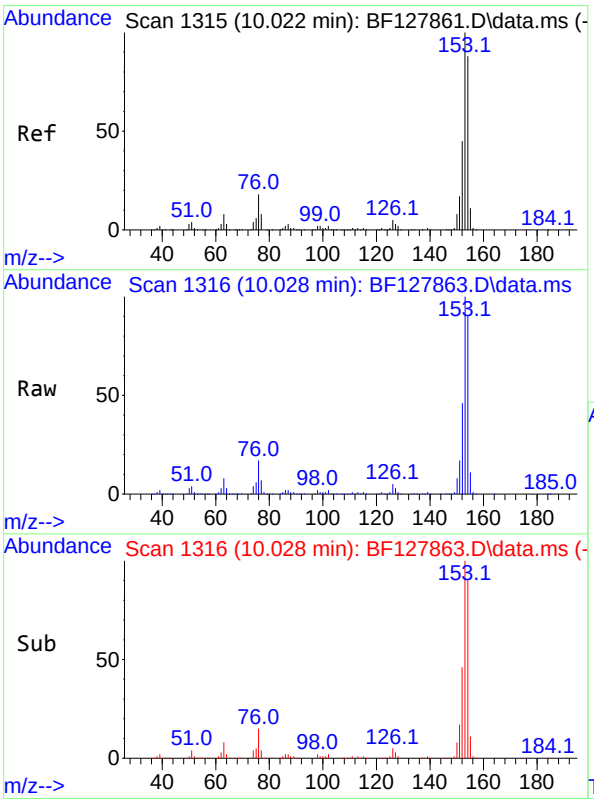
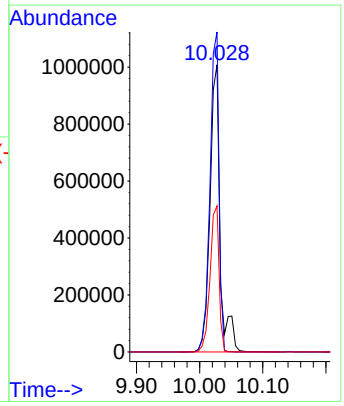
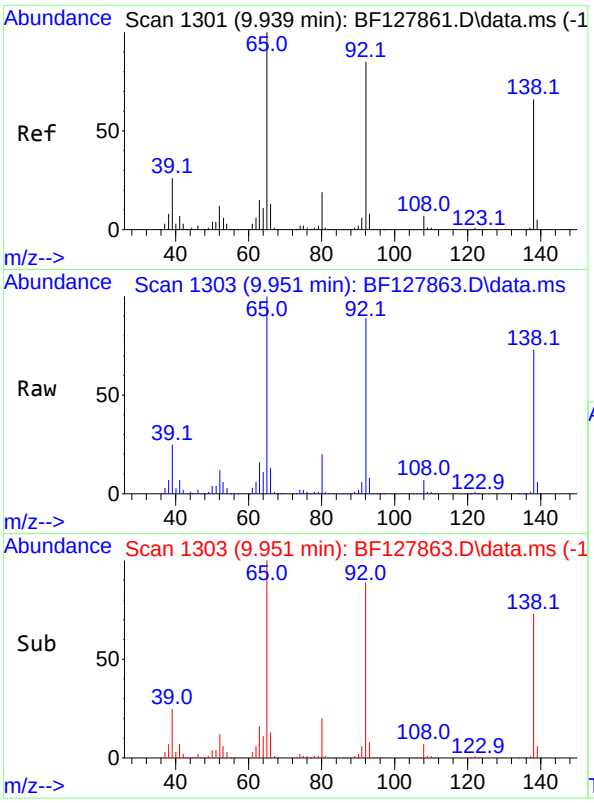


#52
Acenaphthene
Concen: 51.183 ng
RT: 10.028 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:154 Resp: 1124846

Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.5	135.7
152	50.8	41.0	61.6





#53
3-Nitroaniline
Concen: 59.025 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:138 Resp: 33510

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.4
92	122.7	102.7	154.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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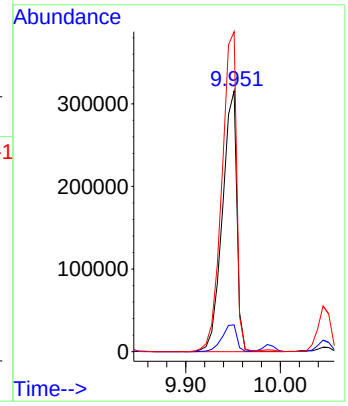
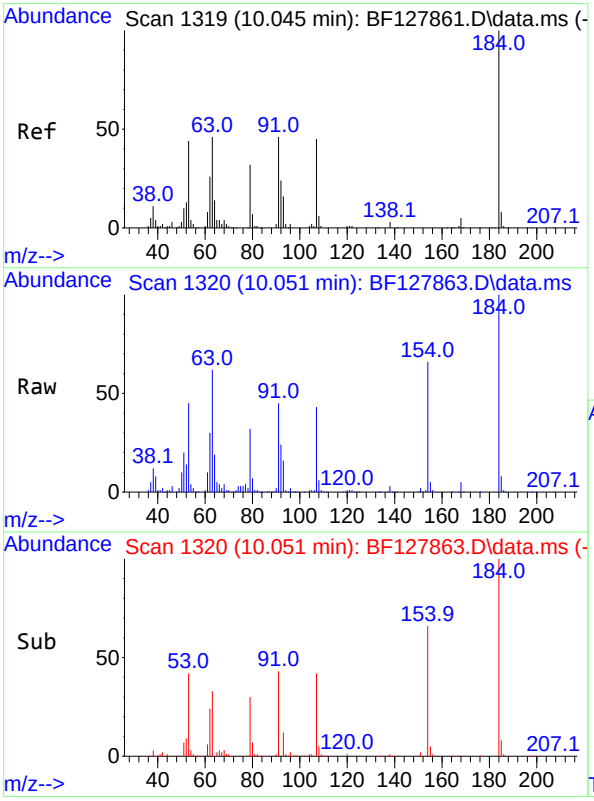
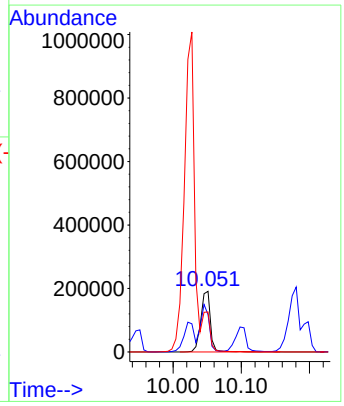


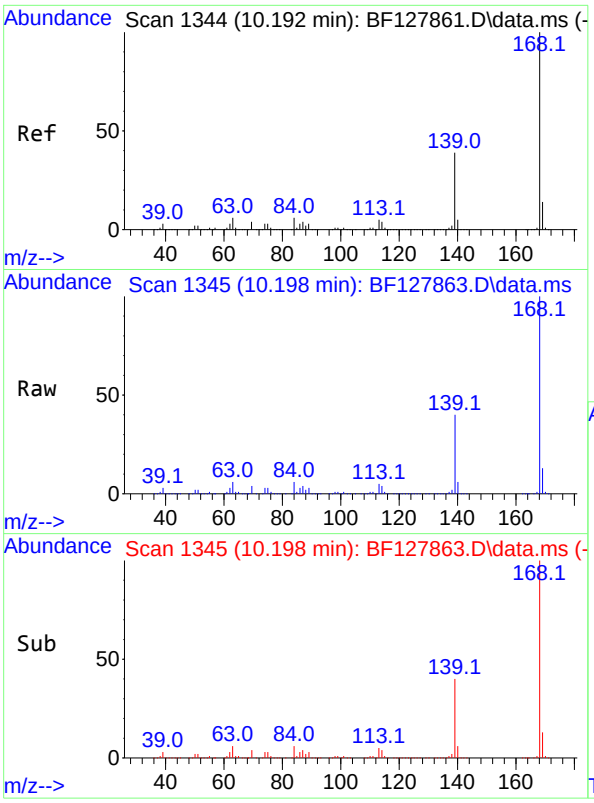


#54
2,4-Dinitrophenol
Concen: 60.964 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:184 Resp: 188305

Ion	Ratio	Lower	Upper
184	100		
63	61.5	50.0	75.0
154	65.9	51.7	77.5

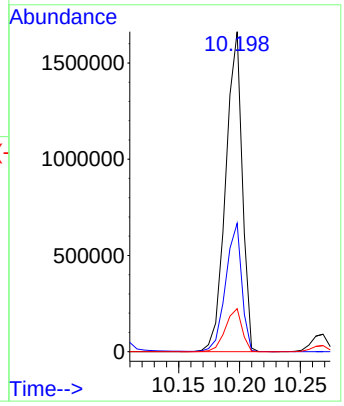




#55
Dibenzofuran
Concen: 51.081 ng
RT: 10.198 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:168 Resp: 156812

Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.7	47.5
169	13.5	10.9	16.3



Instrument :
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ClientSampleId :
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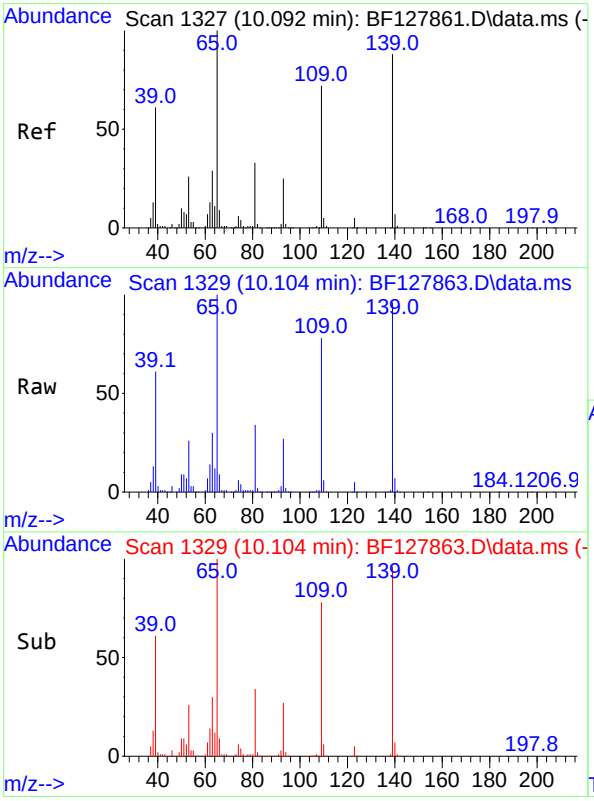
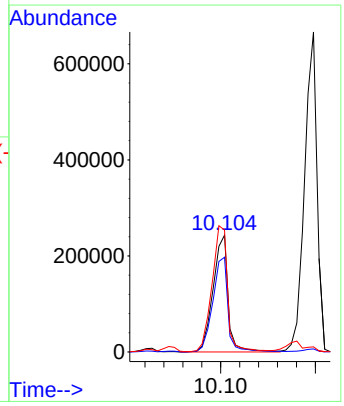
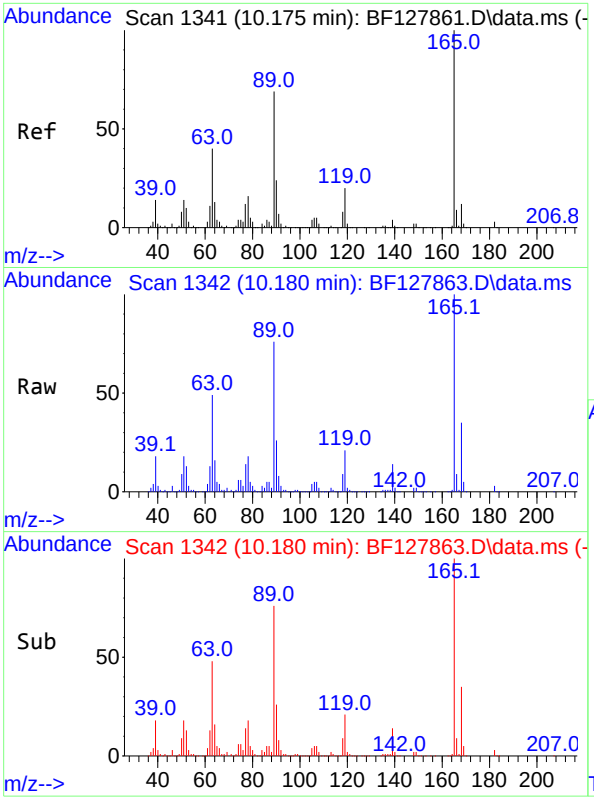


#56
4-Nitrophenol
Concen: 63.870 ng
RT: 10.104 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:139 Resp: 267909

Ion	Ratio	Lower	Upper
139	100		
109	81.2	61.9	101.9
65	104.4	93.5	133.5

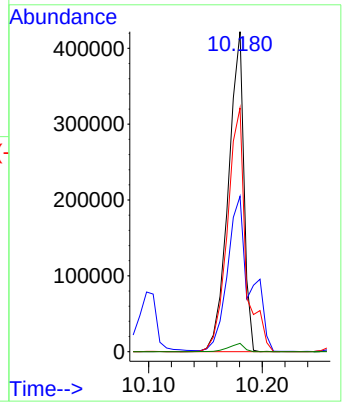




#57
2,4-Dinitrotoluene
Concen: 58.225 ng
RT: 10.180 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:165 Resp: 40131

Ion	Ratio	Lower	Upper
165	100		
63	48.5	32.6	49.0
89	76.2	55.2	82.8
182	2.6	2.0	3.0



Instrument :
BNA_F
ClientSampleId :
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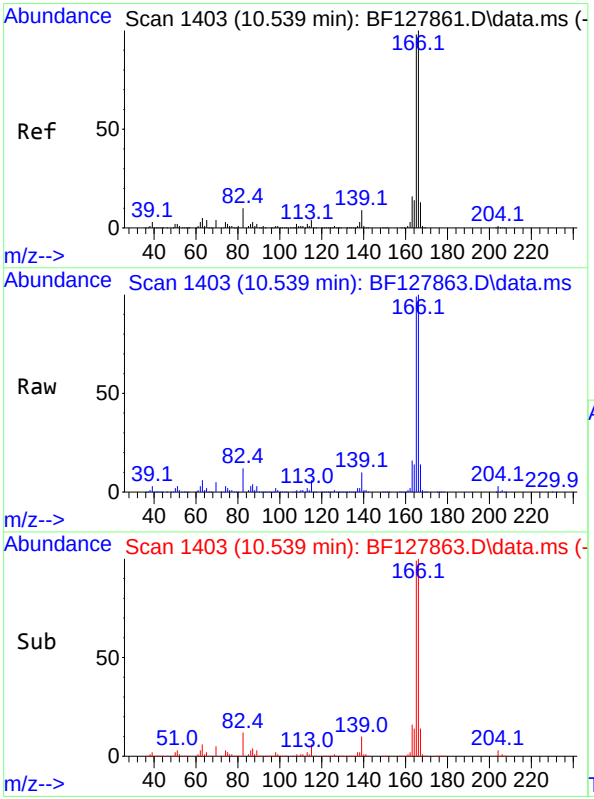
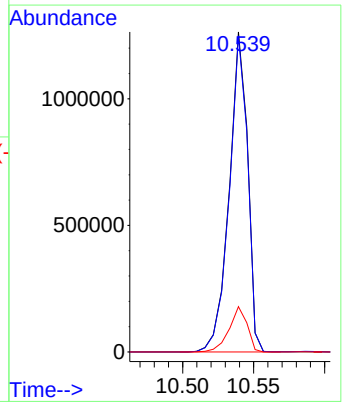
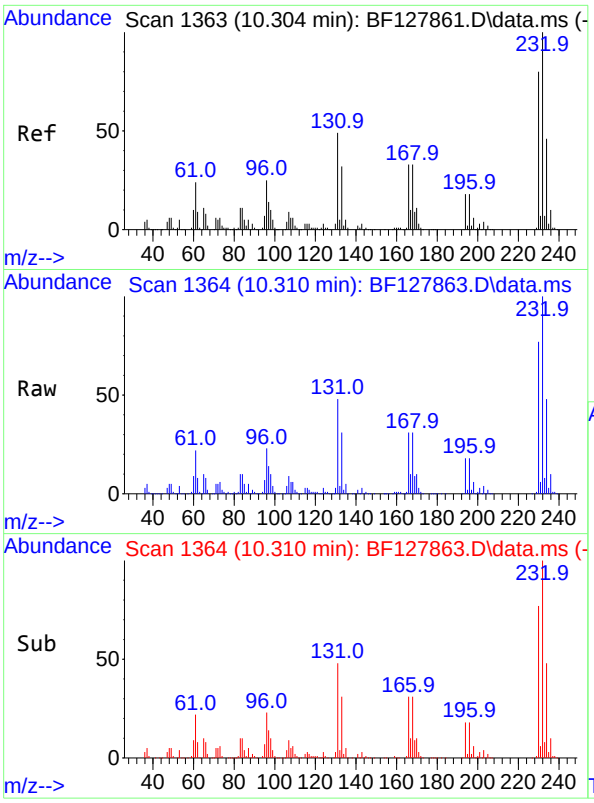


#58
Fluorene
Concen: 48.743 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:166 Resp: 1141635

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	14.2	10.5	15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.528 ng
RT: 10.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:232 Resp: 36155

Ion	Ratio	Lower	Upper
232	100		
131	45.5	35.4	53.2
130	2.4	1.9	2.9
166	30.3	24.5	36.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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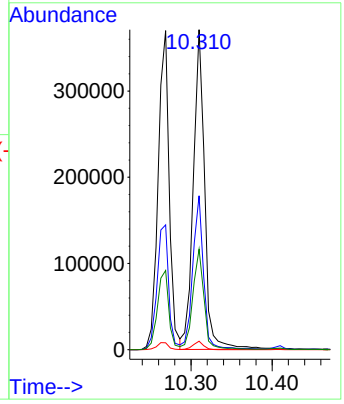
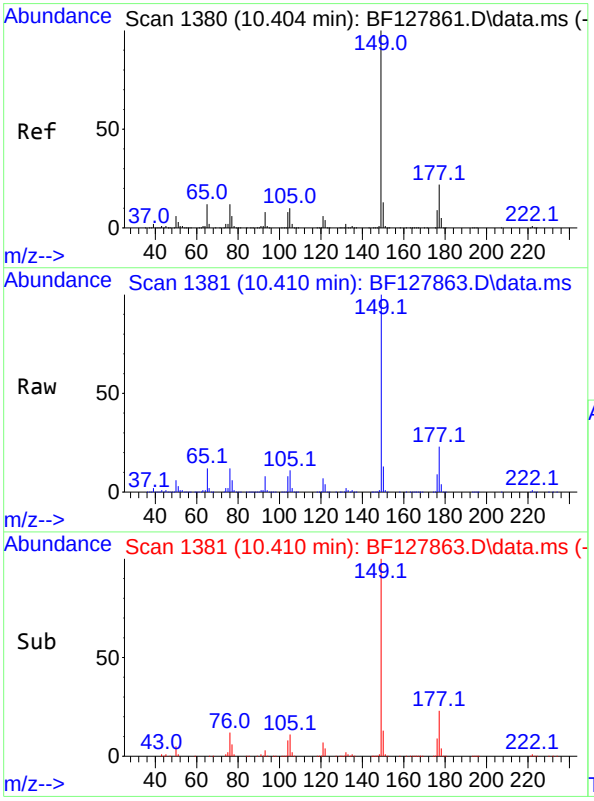
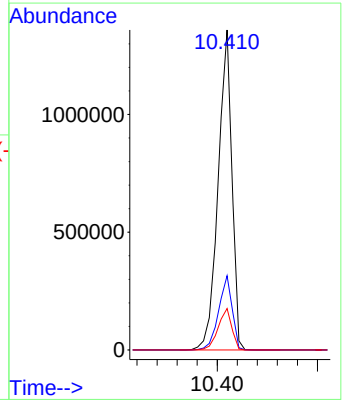


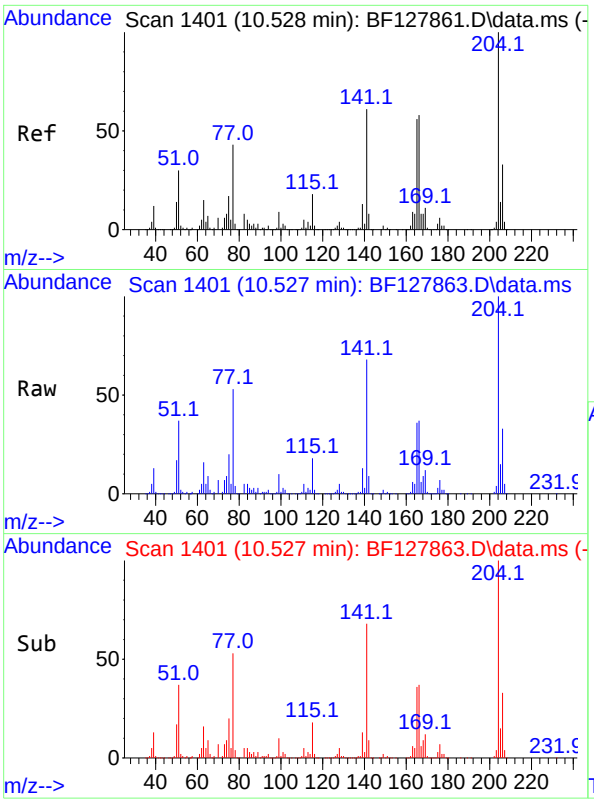


#60
Diethylphthalate
Concen: 51.058 ng
RT: 10.410 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:149 Resp: 1291323

Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.8	26.8
150	13.0	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.111 ng
RT: 10.527 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:204 Resp: 57336

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	67.8	48.7	73.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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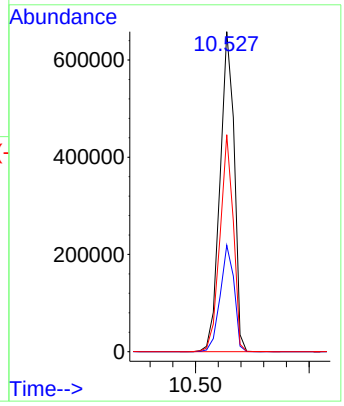
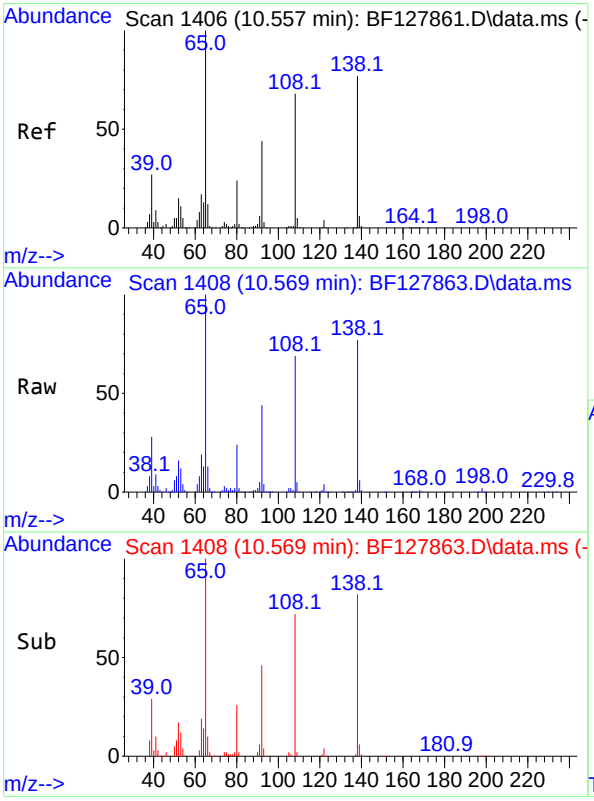
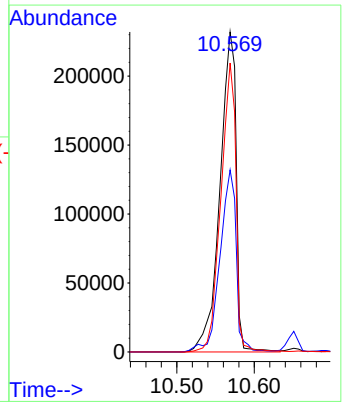


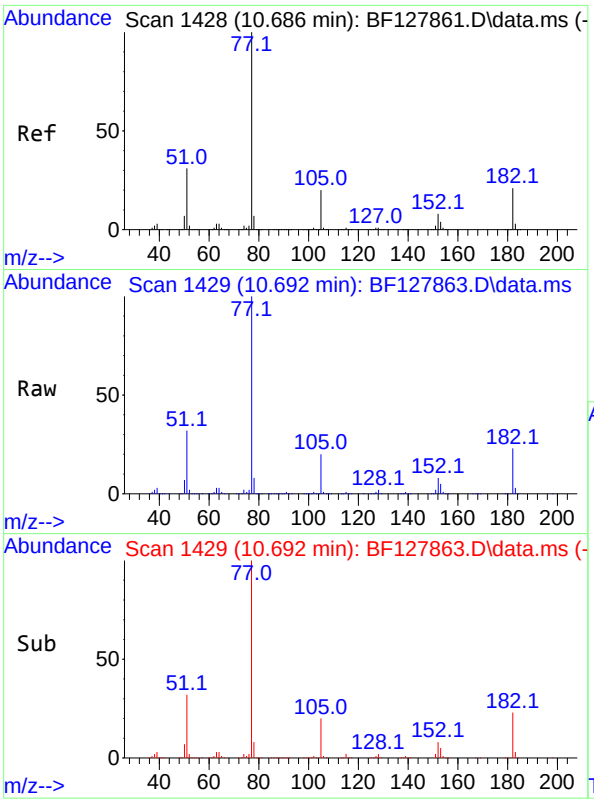


#62
4-Nitroaniline
Concen: 66.642 ng
RT: 10.569 min Scan# 1408
Delta R.T. 0.012 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:138 Resp: 337684

Ion	Ratio	Lower	Upper
138	100		
92	56.9	37.4	77.4
108	90.3	68.4	108.4

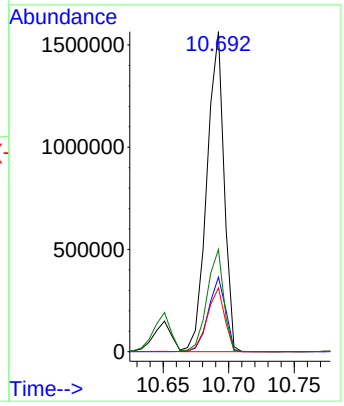




#63
Azobenzene
Concen: 53.632 ng
RT: 10.692 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion: 77 Resp: 142160

Ion	Ratio	Lower	Upper
77	100		
182	23.3	1.2	41.2
105	20.0	0.0	39.8
51	32.0	11.2	51.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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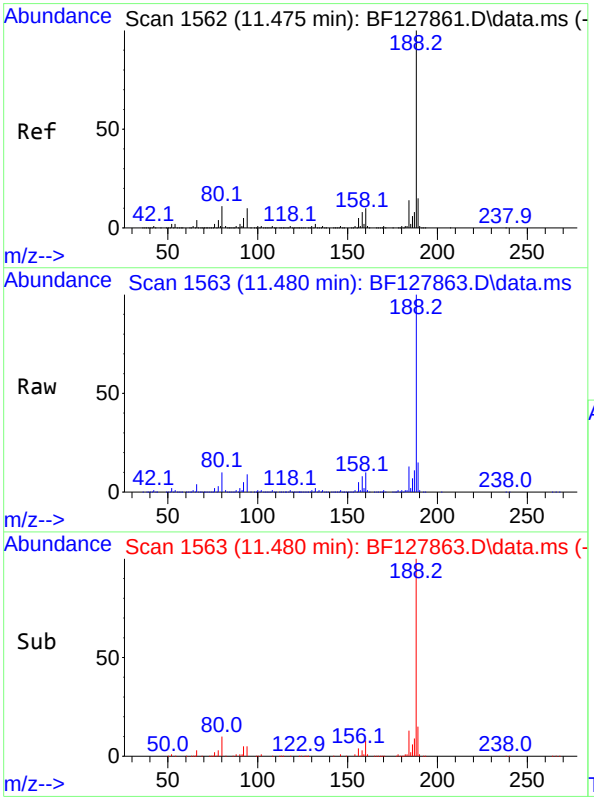
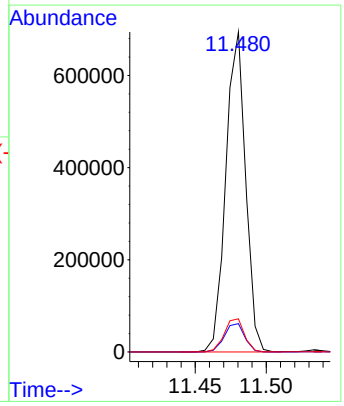
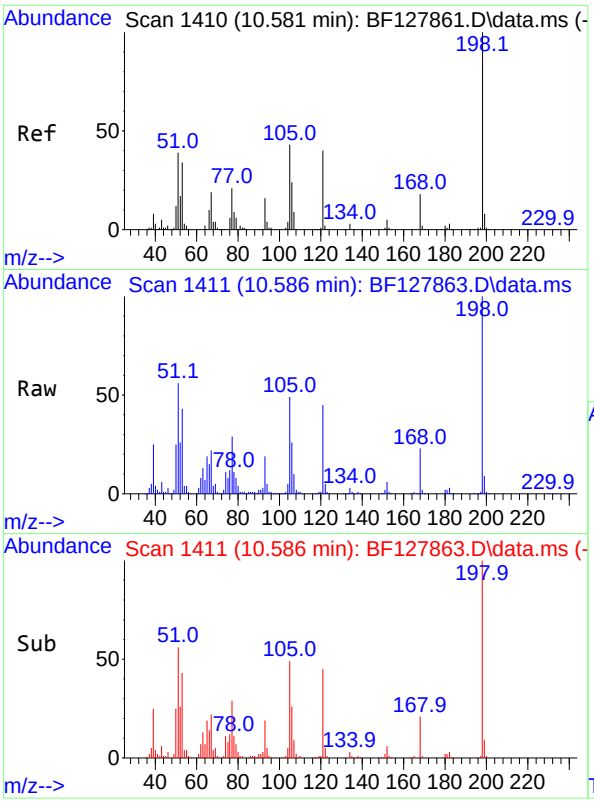


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:188 Resp: 669977

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	10.4	8.9	13.3





#65
4,6-Dinitro-2-methylphenol
Concen: 58.796 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:198 Resp: 25171

Ion	Ratio	Lower	Upper
198	100		
51	55.9	28.4	68.4
105	49.2	23.4	63.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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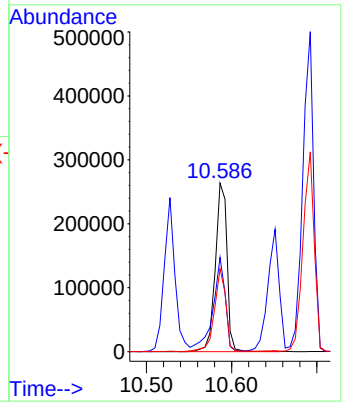
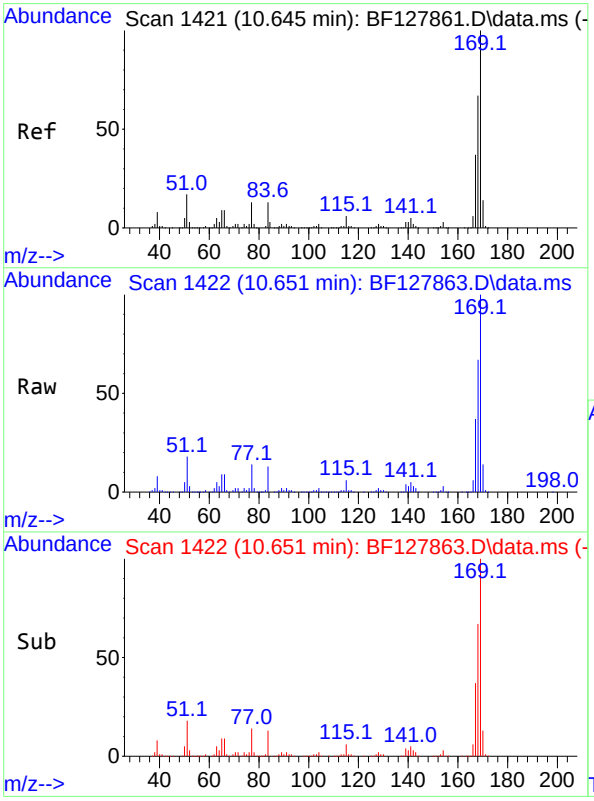
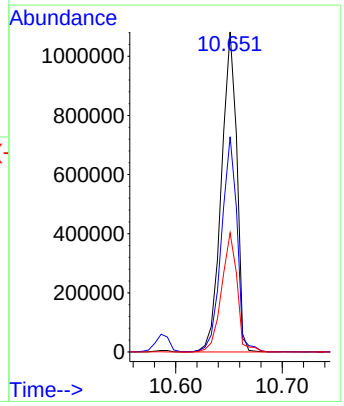


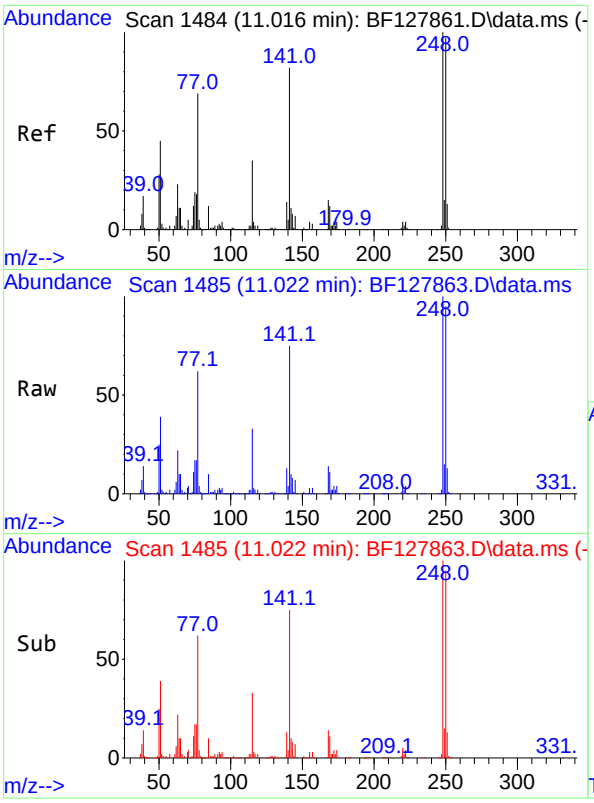


#66
n-Nitrosodiphenylamine
Concen: 49.391 ng
RT: 10.651 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:169 Resp: 1080886

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.8	80.6
167	37.3	29.5	44.3





#67
4-Bromophenyl-phenylether
Concen: 42.298 ng
RT: 11.022 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:248 Resp: 38406

Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.7	116.5
141	74.9	65.6	98.4

Instrument :
BNA_F
ClientSampleId :
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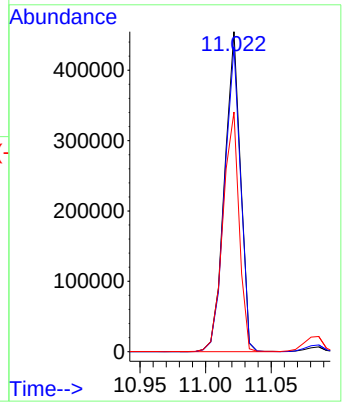
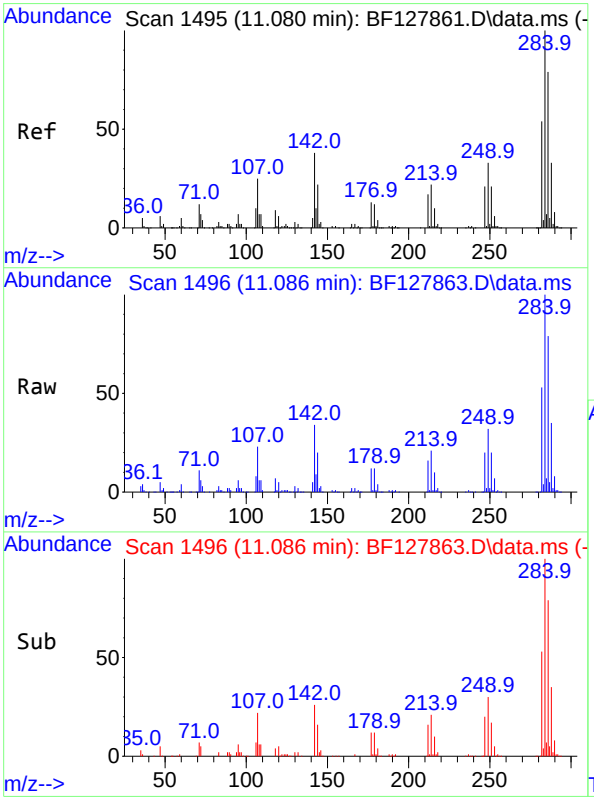
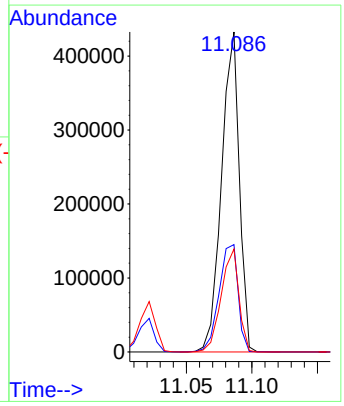


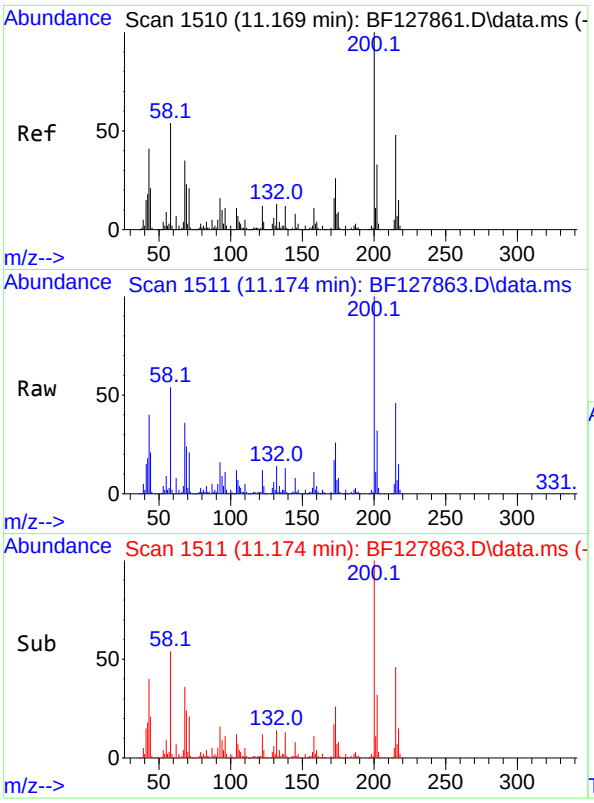


#68
Hexachlorobenzene
Concen: 41.802 ng
RT: 11.086 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:284 Resp: 406744

Ion	Ratio	Lower	Upper
284	100		
142	33.5	30.2	45.4
249	32.2	26.1	39.1

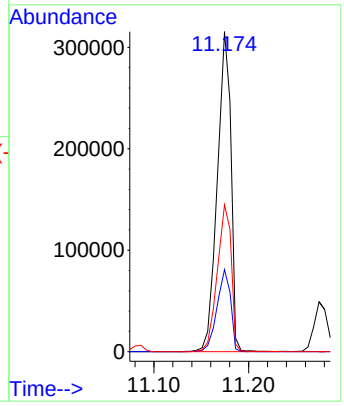




#69
Atrazine
Concen: 44.955 ng
RT: 11.174 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:200 Resp: 31667

Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.0	46.0
215	45.9	28.1	68.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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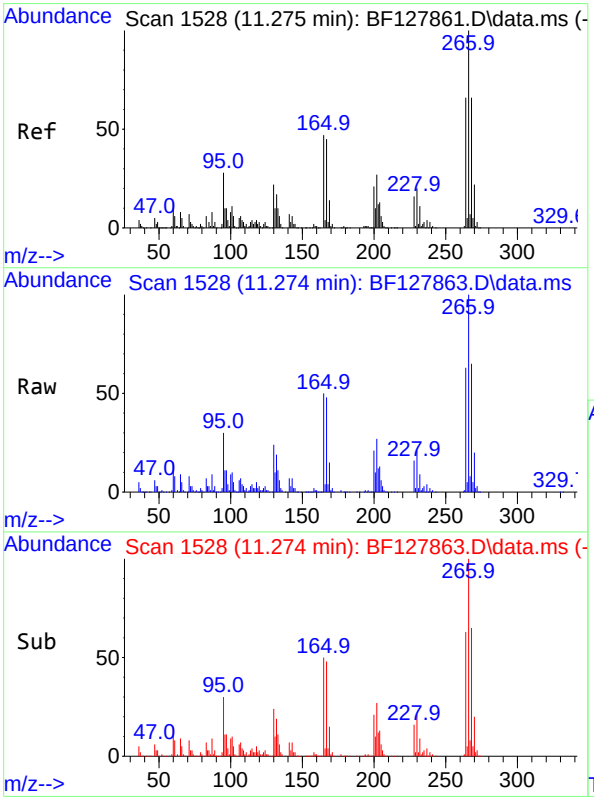
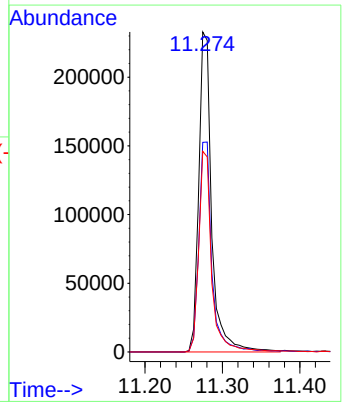
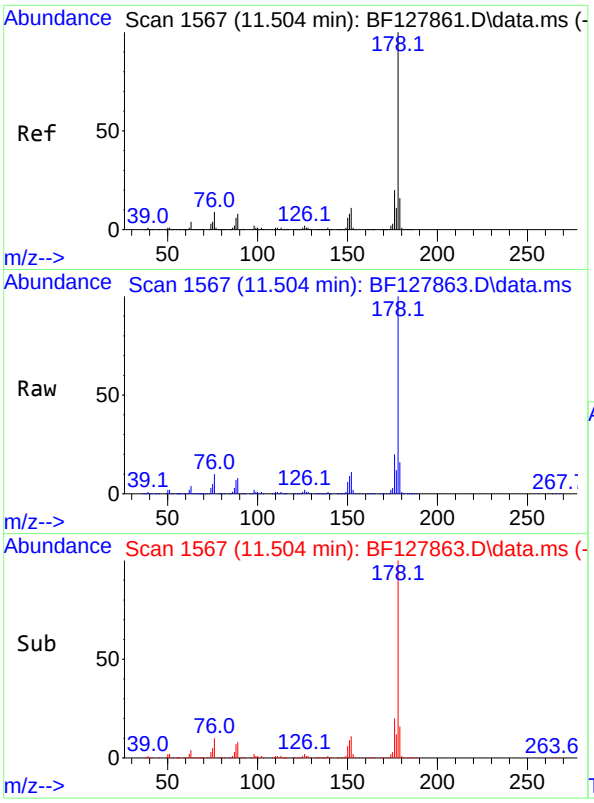


#70
Pentachlorophenol
Concen: 51.512 ng
RT: 11.274 min Scan# 1528
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:266 Resp: 269833

Ion	Ratio	Lower	Upper
266	100		
268	65.5	53.0	79.6
264	62.7	53.1	79.7





#71
Phenanthrene
Concen: 48.858 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:178 Resp: 174968

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.2	12.6	19.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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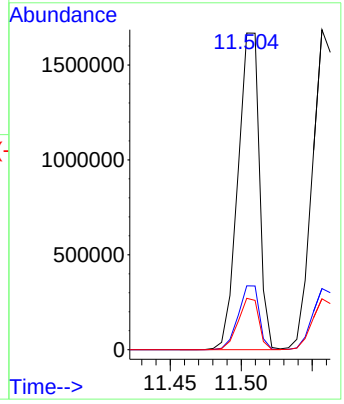
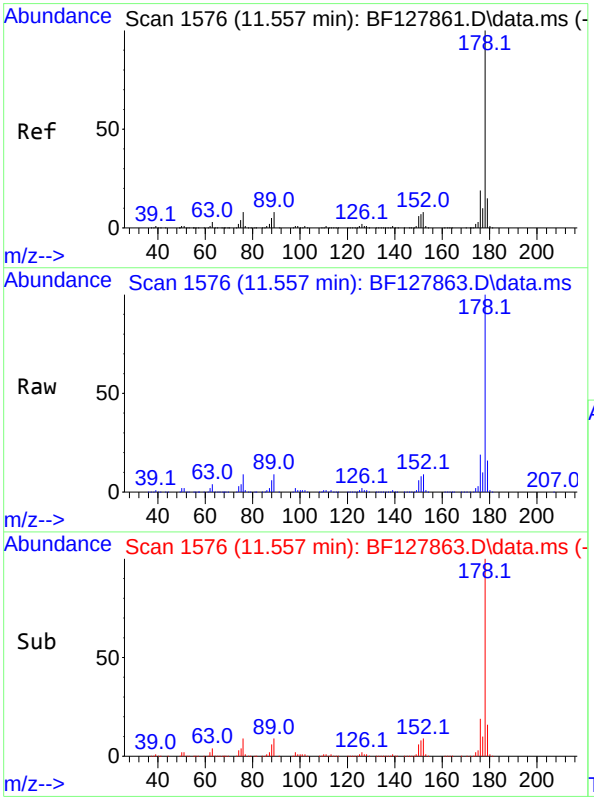
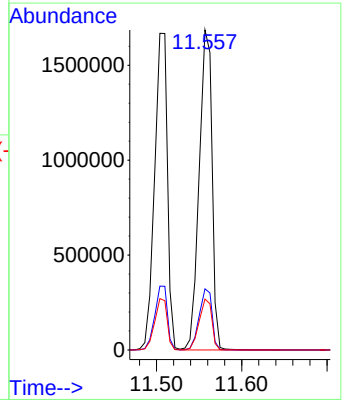


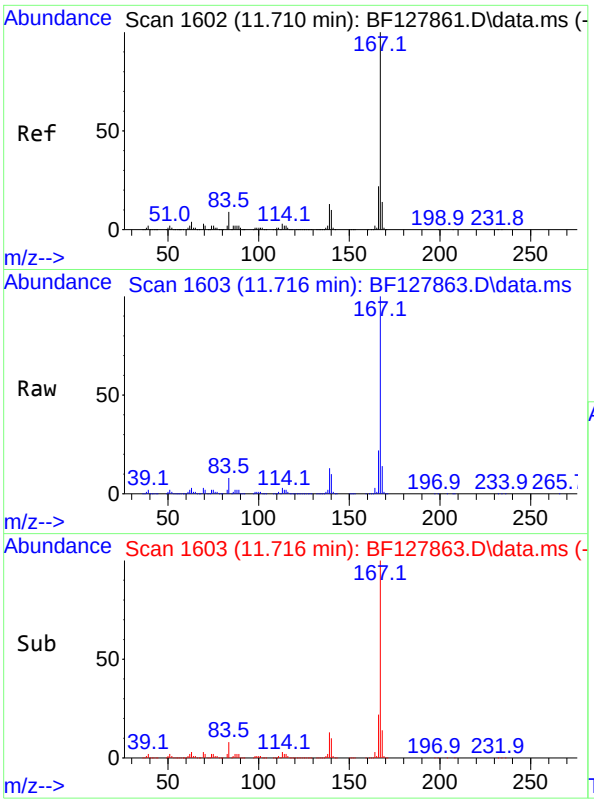


#72
Anthracene
Concen: 48.890 ng
RT: 11.557 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:178 Resp: 1768922

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.9	12.4	18.6





#73
Carbazole
Concen: 52.147 ng
RT: 11.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:167 Resp: 171742

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.4	10.7	16.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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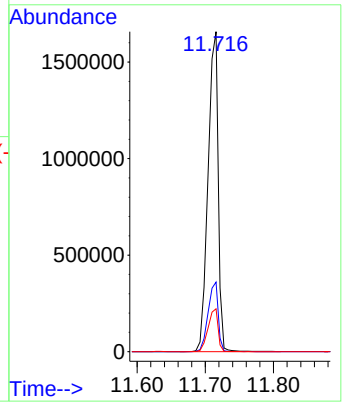
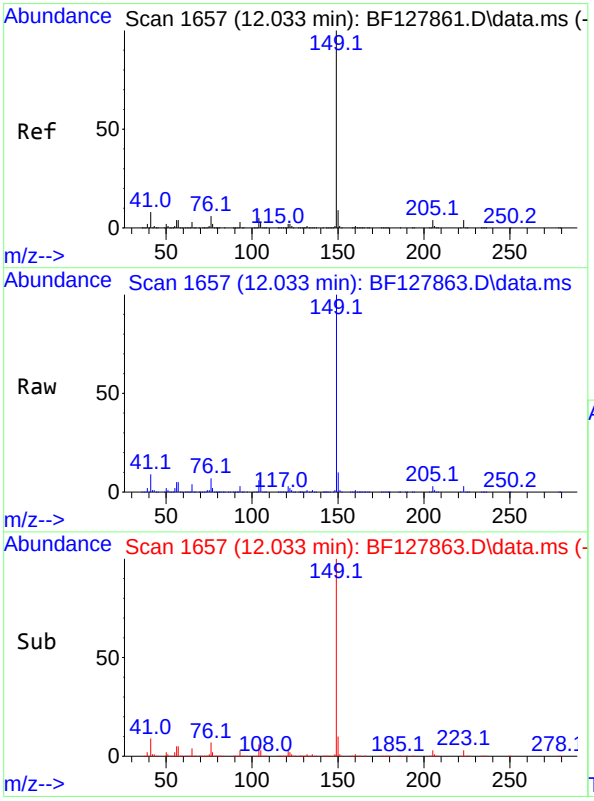
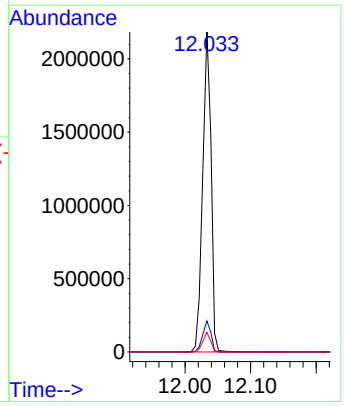


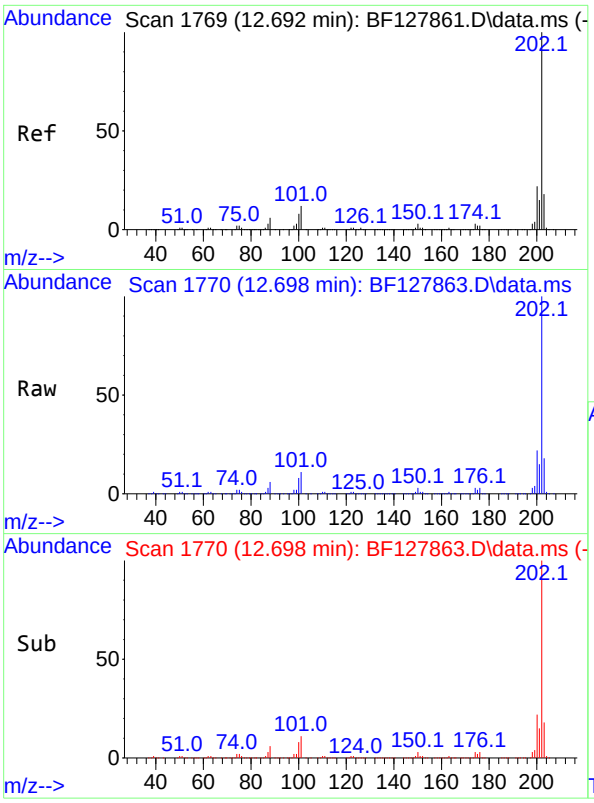


#74
Di-n-butylphthalate
Concen: 49.247 ng
RT: 12.033 min Scan# 1657
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:149 Resp: 1957311

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	6.1	4.3	6.5

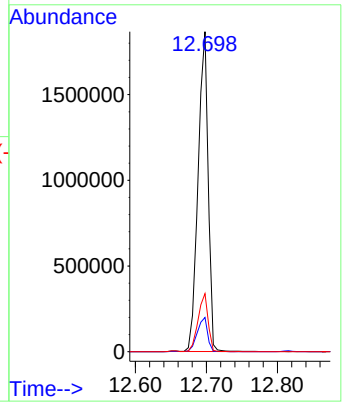




#75
Fluoranthene
Concen: 46.047 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:202 Resp: 184769

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.6
203	18.1	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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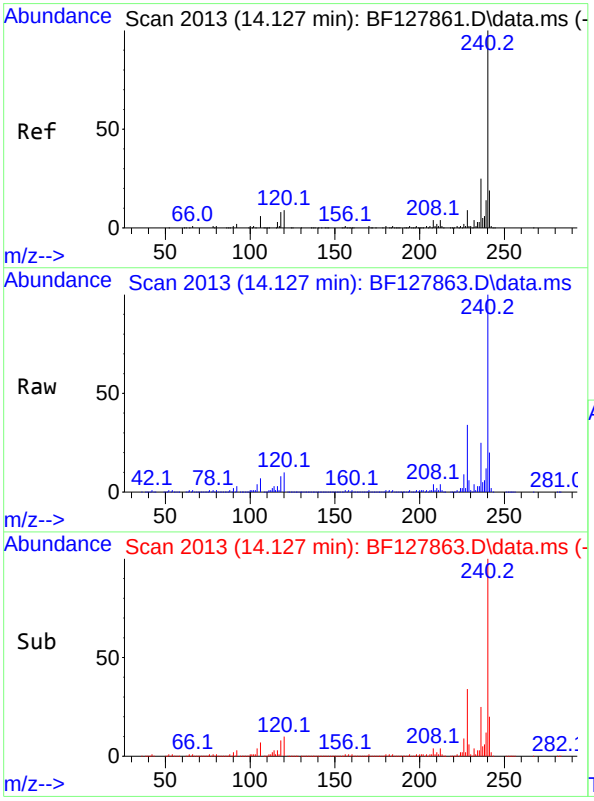
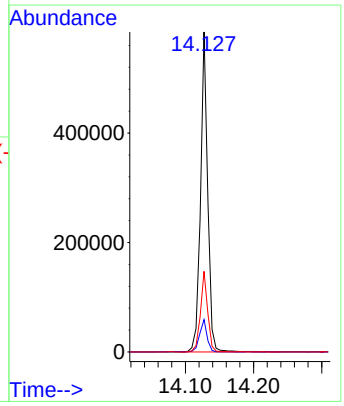
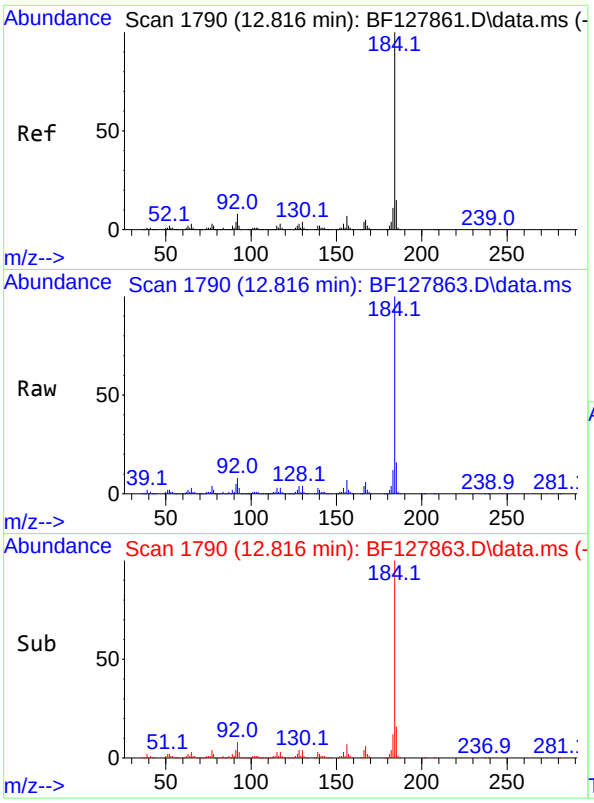


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:240 Resp: 427507

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.0	10.6
236	25.2	20.3	30.5





#77
Benzidine
Concen: 50.756 ng
RT: 12.816 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:184 Resp: 55988

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.1	18.1
183	11.8	9.0	13.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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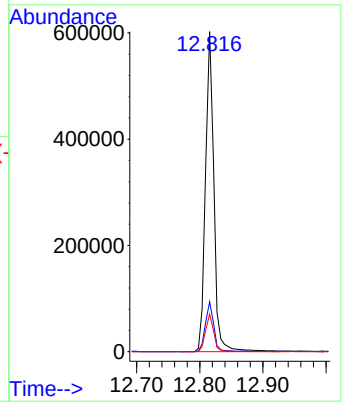
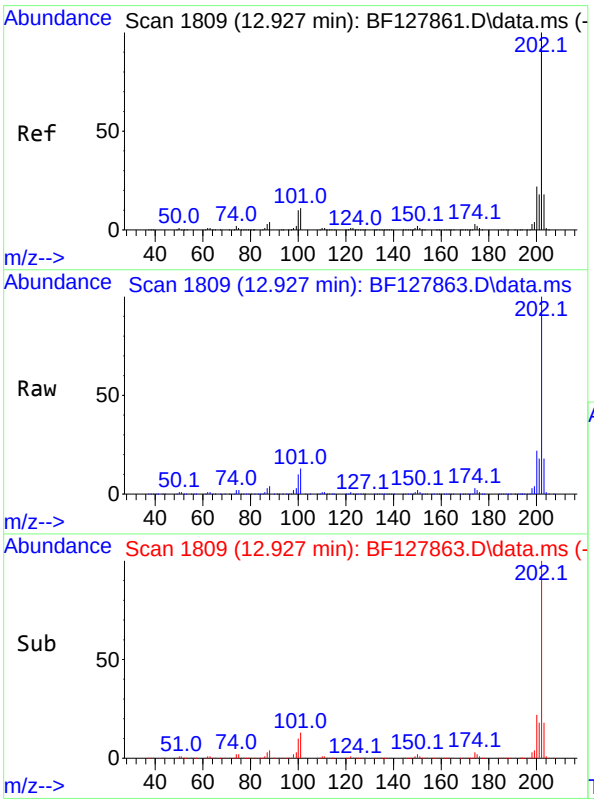
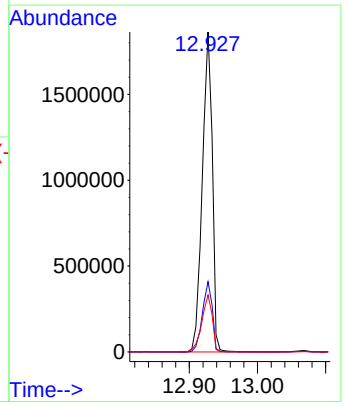


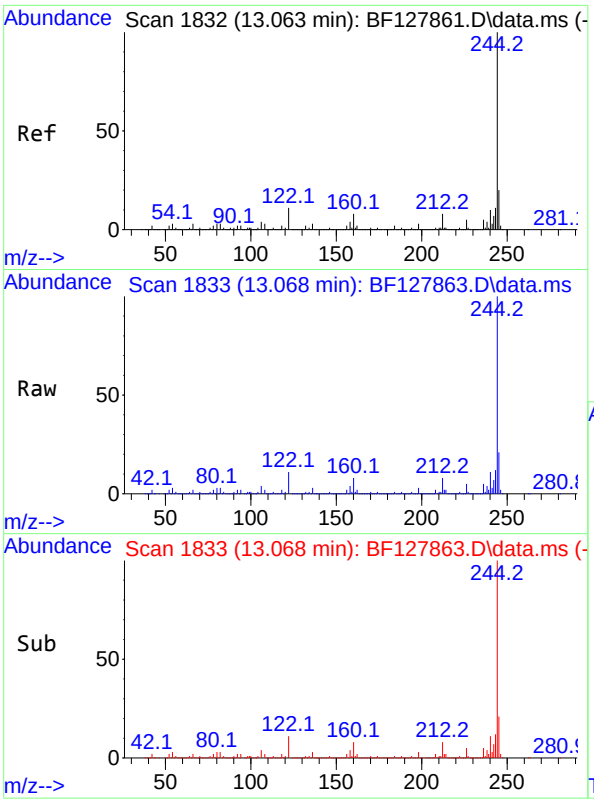


#78
Pyrene
Concen: 52.297 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:202 Resp: 1892528

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.8	14.0	21.0

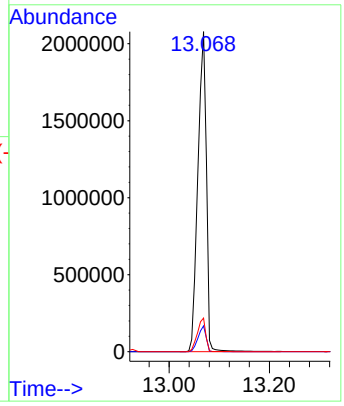




#79
Terphenyl-d14
Concen: 89.349 ng
RT: 13.068 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:244 Resp: 243350

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	10.5	8.6	12.8



Instrument :
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ClientSampleId :
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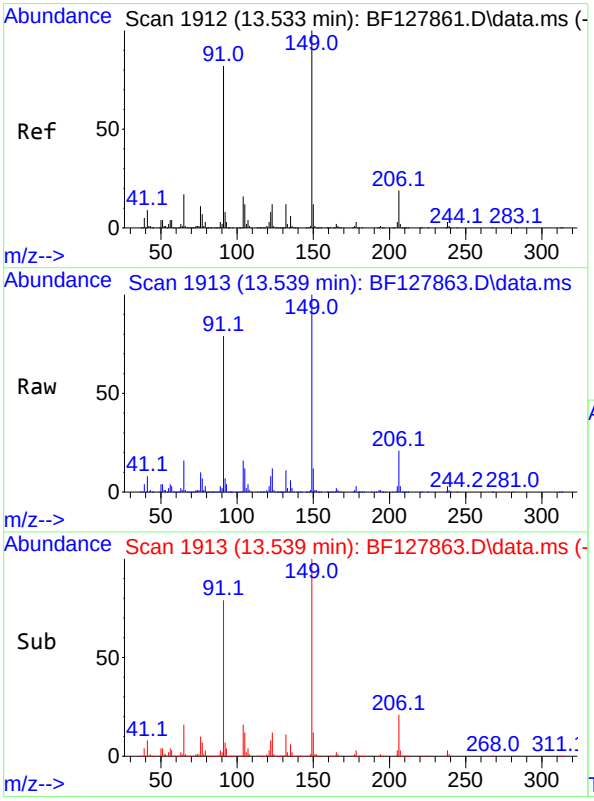
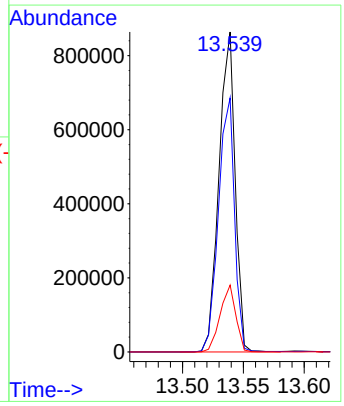
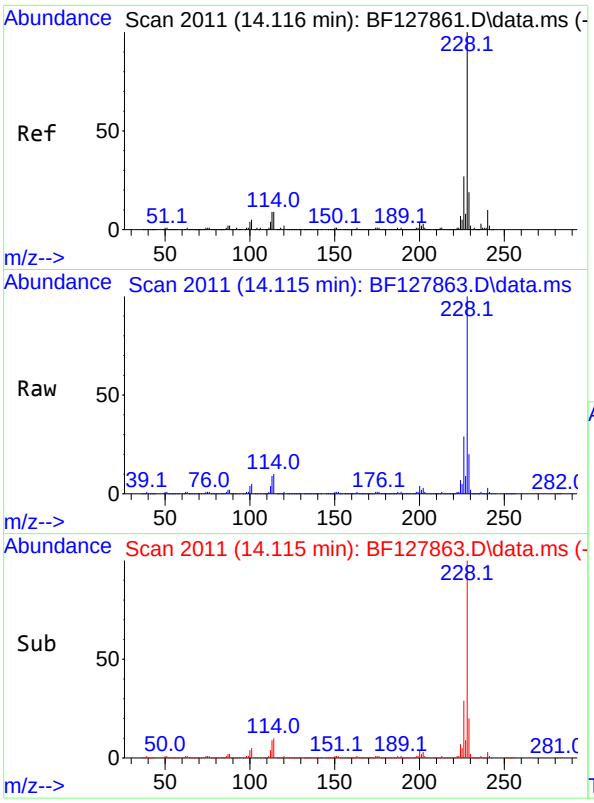


#80
Butylbenzylphthalate
Concen: 56.522 ng
RT: 13.539 min Scan# 1913
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:149 Resp: 799659

Ion	Ratio	Lower	Upper
149	100		
91	79.4	65.8	98.6
206	20.9	15.4	23.2





#81
Benzo(a)anthracene
Concen: 52.603 ng
RT: 14.115 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:228 Resp: 153615

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.7	32.5
229	20.4	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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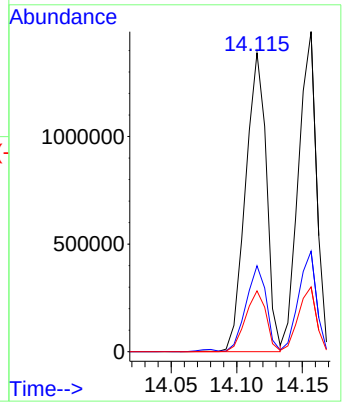
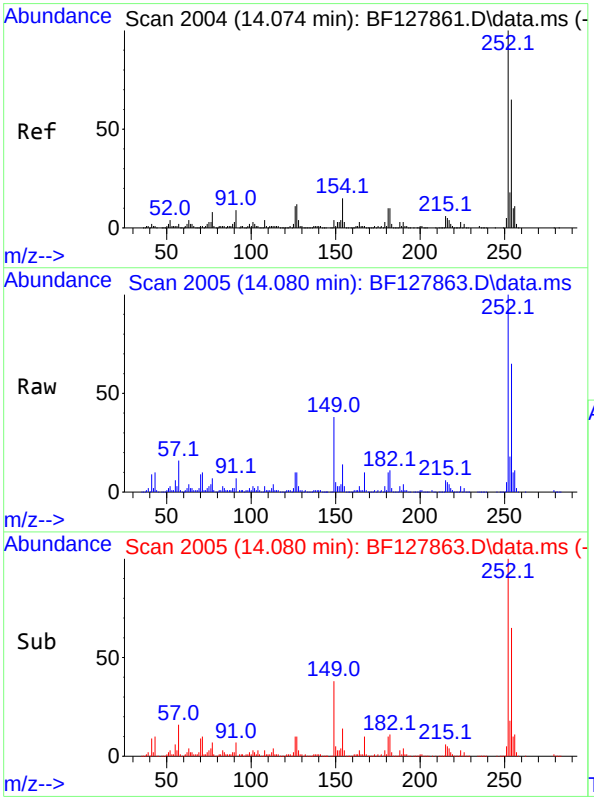
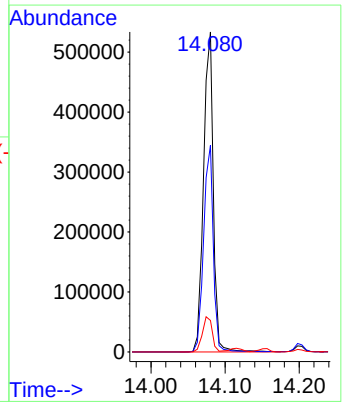


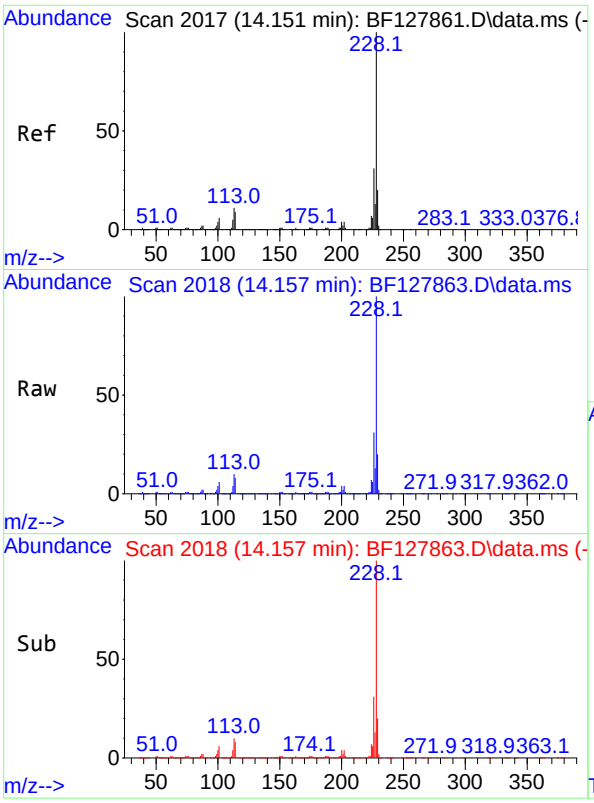


#82
3,3'-Dichlorobenzidine
Concen: 52.990 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:252 Resp: 488687

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.6	77.4
126	9.9	8.8	13.2

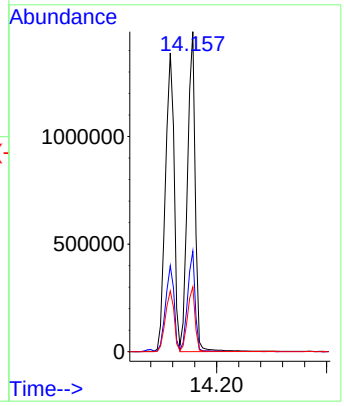




#83
Chrysene
Concen: 53.554 ng
RT: 14.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:228 Resp: 145824

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	20.2	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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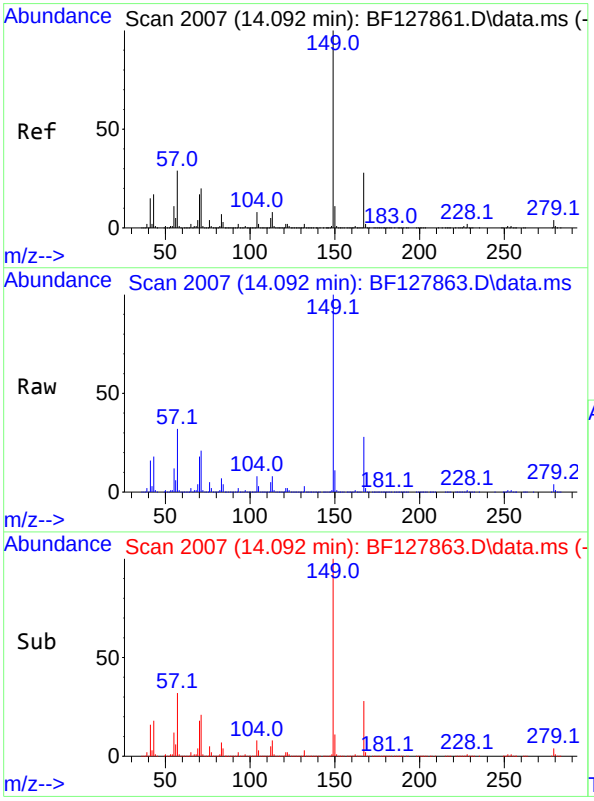
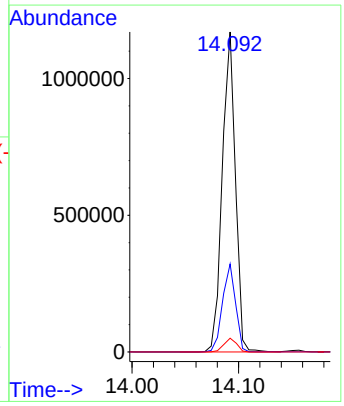
Supervised By :Jagrut Upadhyay 04/25/2022

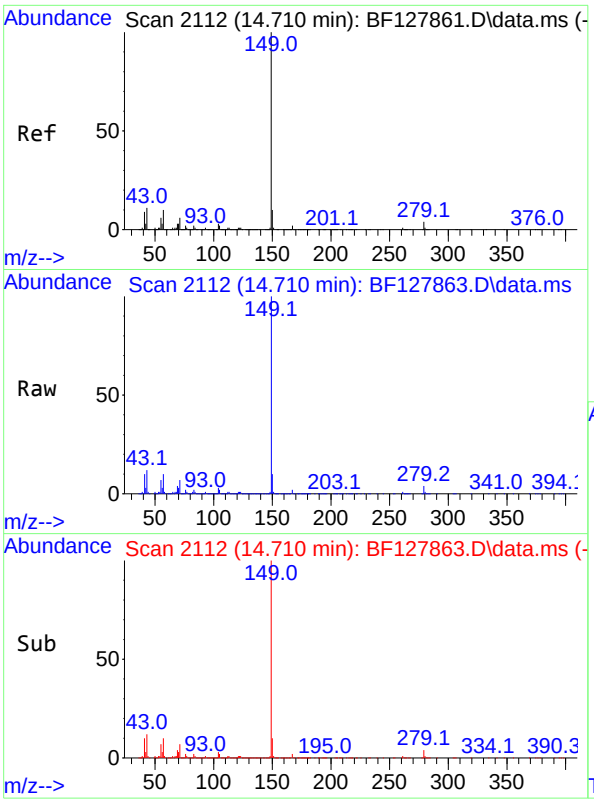


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.012 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:149 Resp: 997428

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	4.3	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 56.251 ng
RT: 14.710 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:149 Resp: 156460

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.5	8.9	13.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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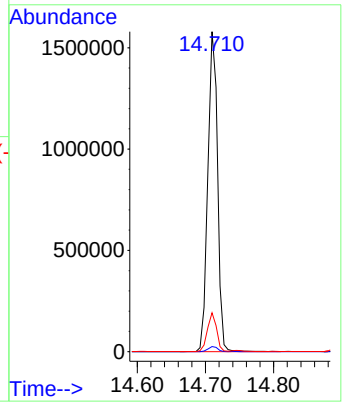
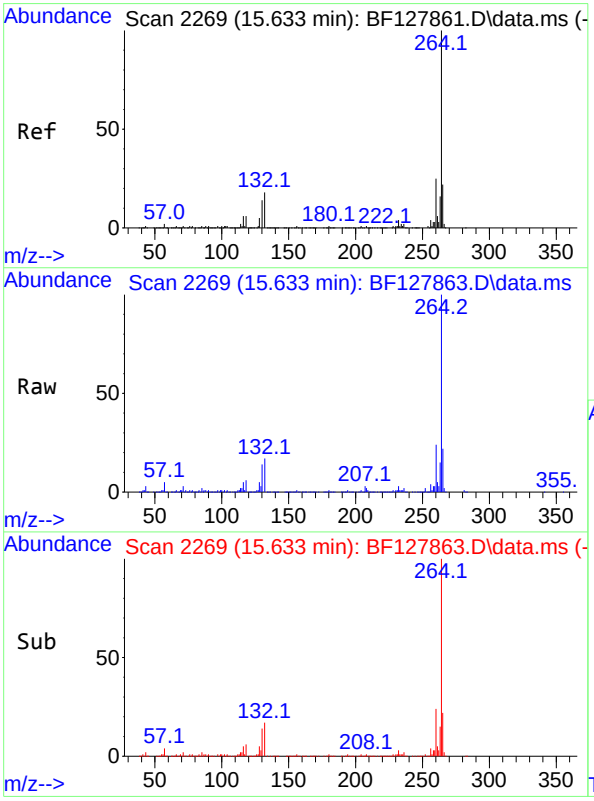
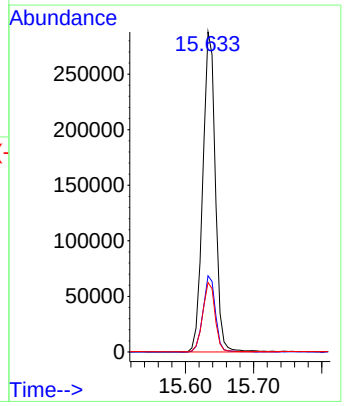


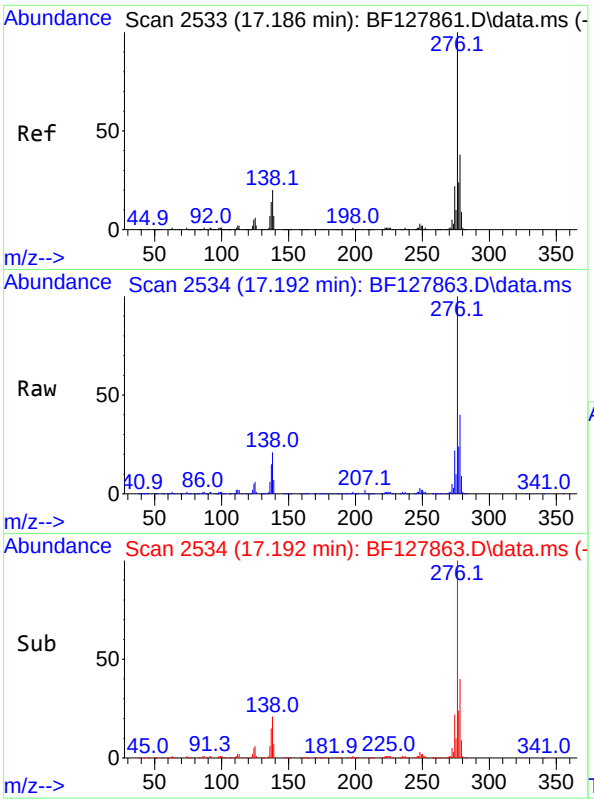


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:264 Resp: 368888

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	21.7	17.5	26.3

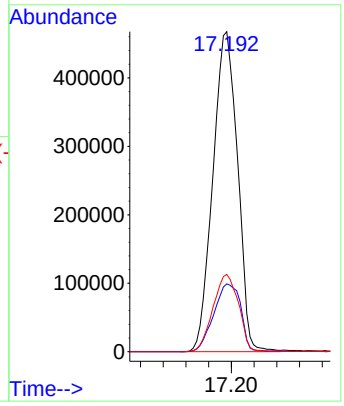




#87
Indeno(1,2,3-cd)pyrene
Concen: 58.365 ng
RT: 17.192 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:276 Resp: 141066

Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.0	28.4
277	25.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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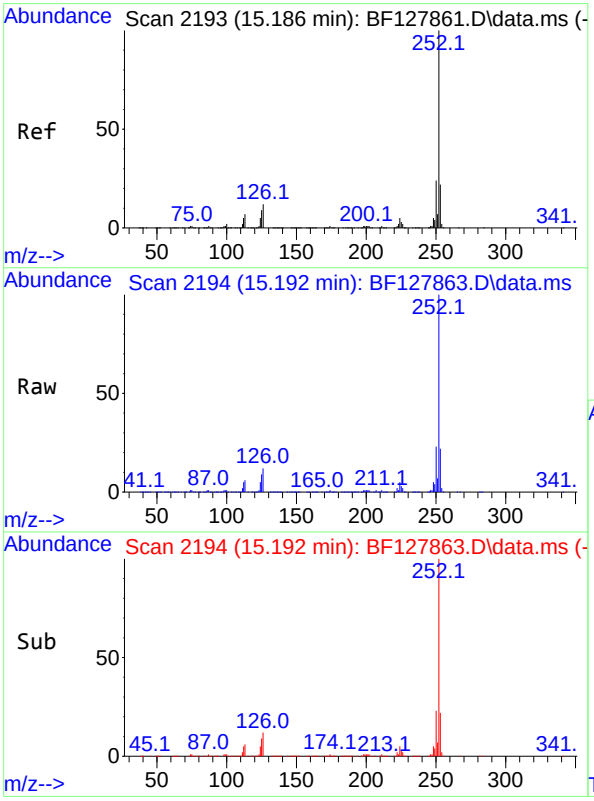
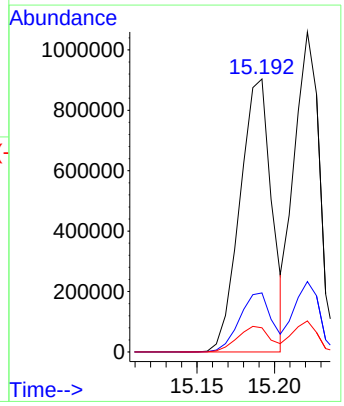
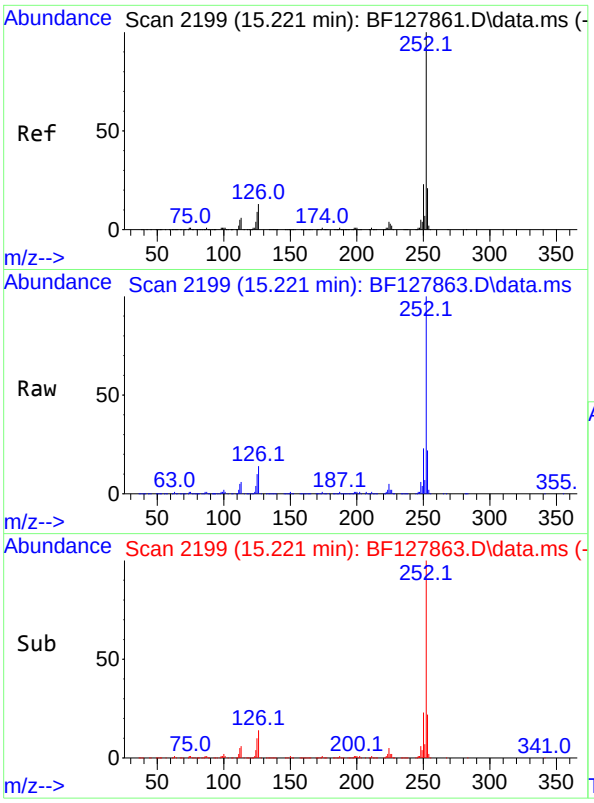


#88
Benzo(b)fluoranthene
Concen: 53.276 ng
RT: 15.192 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:252 Resp: 1289380

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	8.9	7.4	11.2

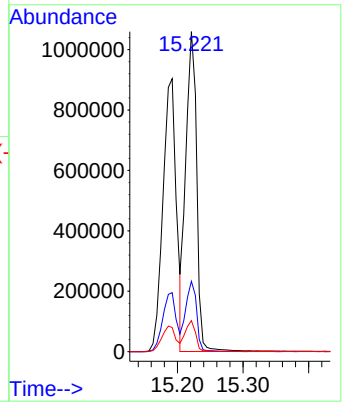




#89
Benzo(k)fluoranthene
Concen: 51.837 ng
RT: 15.221 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:252 Resp: 121749

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	9.7	6.8	10.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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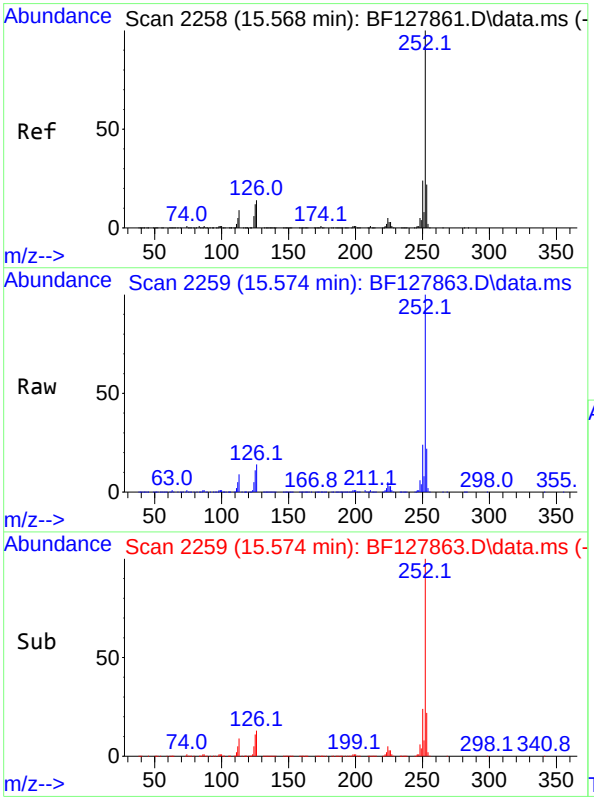
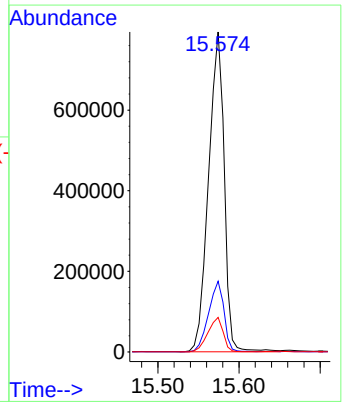
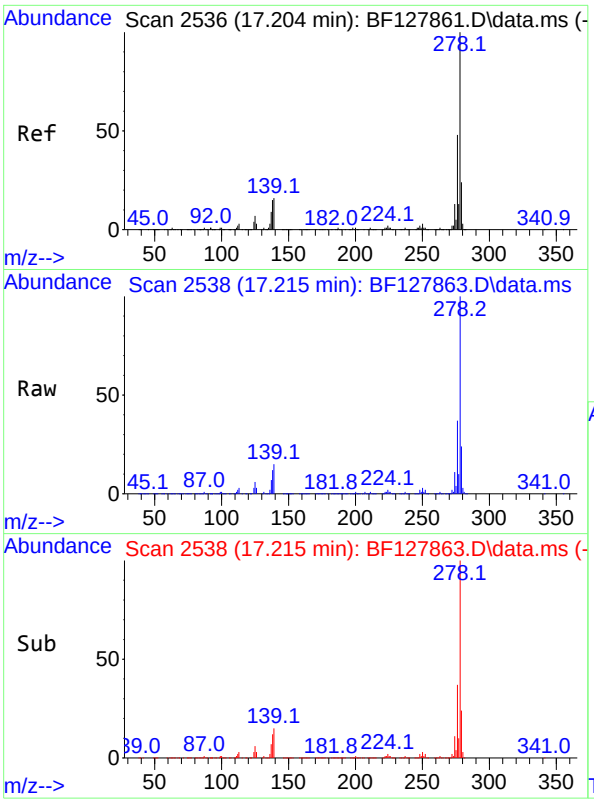


#90
Benzo(a)pyrene
Concen: 54.269 ng
RT: 15.574 min Scan# 2259
Delta R.T. 0.006 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:252 Resp: 1059490

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.8	9.2	13.8

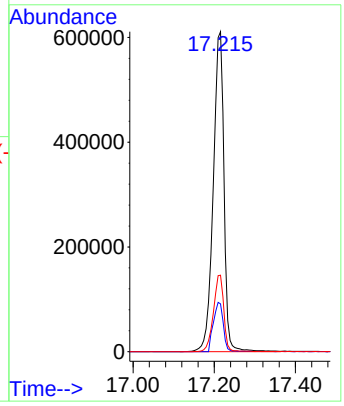




#91
Dibenzo(a,h)anthracene
Concen: 56.615 ng
RT: 17.215 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:278 Resp: 111808

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.6	19.0
279	23.9	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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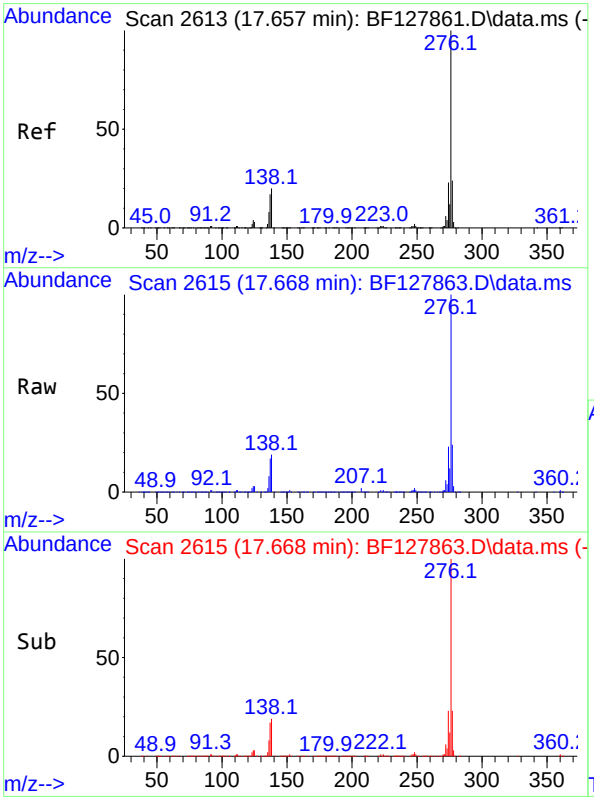
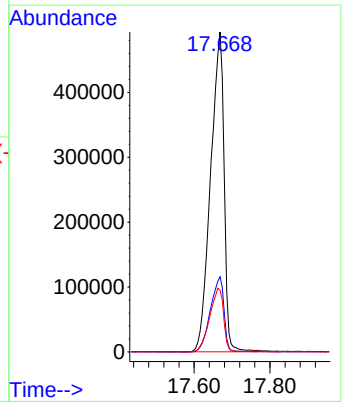


#92
Benzo(g,h,i)perylene
Concen: 60.539 ng
RT: 17.668 min Scan# 2615
Delta R.T. 0.012 min
Lab File: BF127863.D
Acq: 22 Apr 2022 21:01

Tgt Ion:276 Resp: 1214215

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	19.3	16.2	24.2