Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127035.D
Acq On : 23 Feb 2022 13:01
Operator : CG\JU
Sample : PB142832BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 24 02:15:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 24 02:10:57 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB142832BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	97690	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	403961	20.000	ng	#	0.00
39) Acenaphthene-d10	9.951	164	206937	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	371613	20.000	ng	#	0.00
76) Chrysene-d12	14.086	240	214539	20.000	ng	#	0.00
86) Perylene-d12	15.580	264	161274	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	748538	118.428	ng		0.01
7) Phenol-d6	6.540	99	988822	115.940	ng		0.00
23) Nitrobenzene-d5	7.475	82	701924	78.431	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	320155	134.372	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	1149377	81.767	ng		0.00
79) Terphenyl-d14	13.027	244	1283734	87.963	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	84741	29.299	ng	#	94
3) Pyridine	3.557	79	211120	27.829	ng	#	87
4) n-Nitrosodimethylamine	3.522	42	155203	41.764	ng	#	65
6) Aniline	6.575	93	340390	33.684	ng		96
8) 2-Chlorophenol	6.693	128	302862	44.658	ng		99
9) Benzaldehyde	6.463	77	191939	36.971	ng		98
10) Phenol	6.551	94	364800m	42.331	ng		
11) bis(2-Chloroethyl)ether	6.646	93	283597	41.957	ng		98
12) 1,3-Dichlorobenzene	6.851	146	313344	42.832	ng		99
13) 1,4-Dichlorobenzene	6.928	146	315601	42.553	ng		98
14) 1,2-Dichlorobenzene	7.075	146	306802	43.379	ng		96
15) Benzyl Alcohol	7.051	79	299259	41.650	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.181	45	405463	38.095	ng		93
17) 2-Methylphenol	7.157	107	252823	43.089	ng	#	92
18) Hexachloroethane	7.416	117	127555	44.869	ng		95
19) n-Nitroso-di-n-propyla...	7.322	70	235248	42.806	ng		97
20) 3+4-Methylphenols	7.310	107	327149	42.938	ng		93
22) Acetophenone	7.316	105	440251	41.393	ng		94
24) Nitrobenzene	7.492	77	360479	42.638	ng		95
25) Isophorone	7.728	82	627525	42.374	ng	#	98
26) 2-Nitrophenol	7.804	139	159055	44.186	ng	#	73
27) 2,4-Dimethylphenol	7.840	122	278716	47.133	ng		88
28) bis(2-Chloroethoxy)met...	7.940	93	354564	39.492	ng		98
29) 2,4-Dichlorophenol	8.051	162	240825	43.317	ng		97
30) 1,2,4-Trichlorobenzene	8.134	180	258663	41.615	ng		99
31) Naphthalene	8.216	128	885733	42.003	ng		100
32) Benzoic acid	7.963	122	183837	43.835	ng		89
33) 4-Chloroaniline	8.257	127	145663	17.549	ng		94
34) Hexachlorobutadiene	8.322	225	155416	42.829	ng		97
35) Caprolactam	8.634	113	81108m	41.777	ng		
36) 4-Chloro-3-methylphenol	8.745	107	308208	43.377	ng		98
37) 2-Methylnaphthalene	8.904	142	581229	42.477	ng		97
38) 1-Methylnaphthalene	9.004	142	548848	41.887	ng		97
40) 1,2,4,5-Tetrachloroben...	9.069	216	241317	44.300	ng		98
41) Hexachlorocyclopentadiene	9.057	237	301024	101.889	ng		96
43) 2,4,6-Trichlorophenol	9.181	196	171608	42.953	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	184906	43.981	ng		91
46) 1,1'-Biphenyl	9.369	154	707281	43.139	ng		97
47) 2-Chloronaphthalene	9.398	162	512042	42.115	ng		95
48) 2-Nitroaniline	9.492	65	202714	42.252	ng		97
49) Acenaphthylene	9.816	152	875629	44.337	ng		98
50) Dimethylphthalate	9.669	163	626034	42.324	ng		99
51) 2,6-Dinitrotoluene	9.734	165	139000	46.189	ng	#	84
52) Acenaphthene	9.986	154	618278m	48.138	ng		
53) 3-Nitroaniline	9.904	138	92439	25.129	ng	#	98
54) 2,4-Dinitrophenol	10.016	184	150357	94.394	ng	#	80
55) Dibenzofuran	10.157	168	731435	41.415	ng	#	89
56) 4-Nitrophenol	10.069	139	246234	90.628	ng	#	74
57) 2,4-Dinitrotoluene	10.139	165	186780	45.904	ng	#	97
58) Fluorene	10.504	166	595720	43.303	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	147150	44.148	ng	#	95
60) Diethylphthalate	10.369	149	659952	42.699	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	281945	43.464	ng		96
62) 4-Nitroaniline	10.528	138	152210	41.901	ng	#	79
63) Azobenzene	10.651	77	683764	39.730	ng		93
65) 4,6-Dinitro-2-methylph...	10.551	198	90896	41.629	ng		92
66) n-Nitrosodiphenylamine	10.610	169	518699	42.567	ng		98
67) 4-Bromophenyl-phenylether	10.981	248	179884	43.324	ng		92
68) Hexachlorobenzene	11.045	284	196849	44.039	ng		92
69) Atrazine	11.139	200	174250	46.106	ng		96
70) Pentachlorophenol	11.245	266	218320	89.475	ng		97
71) Phenanthrene	11.469	178	889657	42.772	ng		99
72) Anthracene	11.522	178	891796	43.068	ng		99
73) Carbazole	11.675	167	777376	40.938	ng		99
74) Di-n-butylphthalate	11.992	149	1012306	41.468	ng		98
75) Fluoranthene	12.657	202	862355	43.665	ng		95
77) Benzidine	12.775	184	311444m	53.419	ng		
78) Pyrene	12.892	202	854393	45.839	ng		99
80) Butylbenzylphthalate	13.498	149	376492	42.667	ng		90
81) Benzo(a)anthracene	14.074	228	614792	42.507	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	129404	28.390	ng		98
83) Chrysene	14.116	228	578585	42.540	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	481658	41.577	ng	#	97
85) Di-n-octyl phthalate	14.669	149	681377	40.851	ng		97
87) Indeno(1,2,3-cd)pyrene	17.110	276	478223	45.222	ng	#	83
88) Benzo(b)fluoranthene	15.145	252	487162	44.975	ng	#	92
89) Benzo(k)fluoranthene	15.174	252	460333	44.061	ng	#	94
90) Benzo(a)pyrene	15.521	252	452085	53.434	ng	#	94
91) Dibenzo(a,h)anthracene	17.133	278	415132	47.465	ng	#	89
92) Benzo(g,h,i)perylene	17.580	276	407901	47.307	ng	#	85

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

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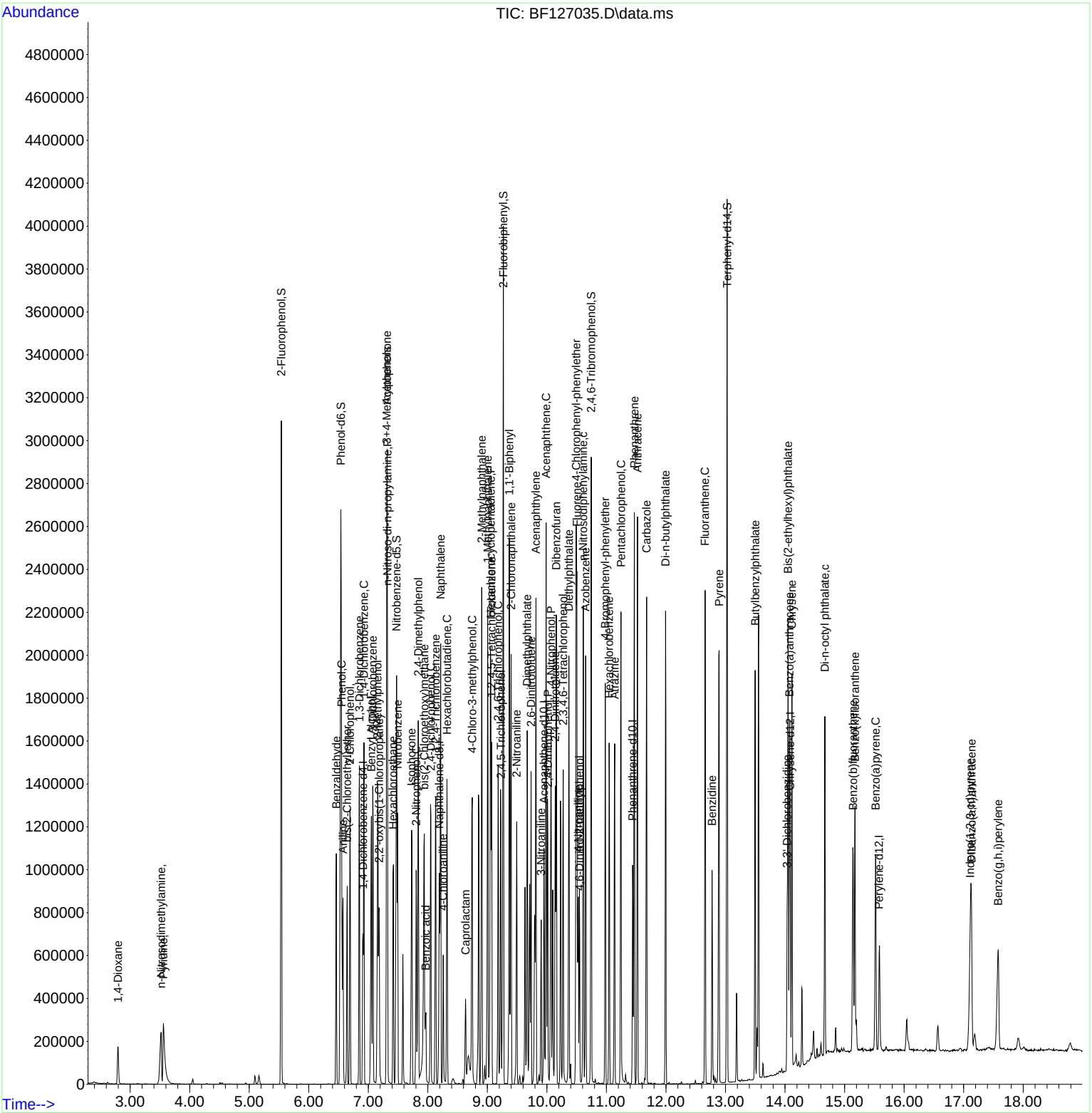
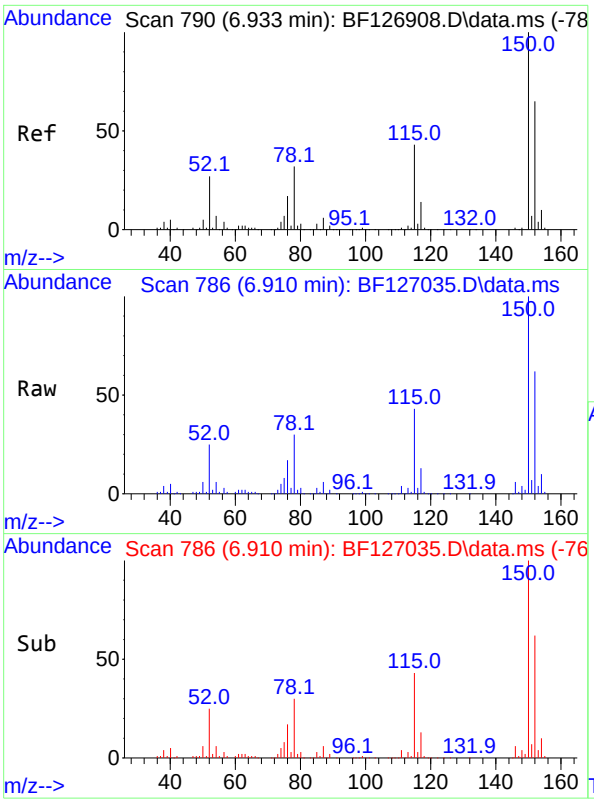
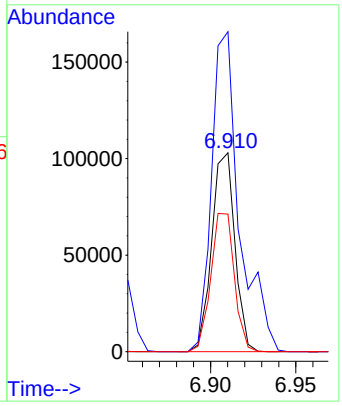




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:152 Resp: 9769

Ion	Ratio	Lower	Upper
152	100		
150	160.8	128.1	192.1
115	69.2	56.7	85.1



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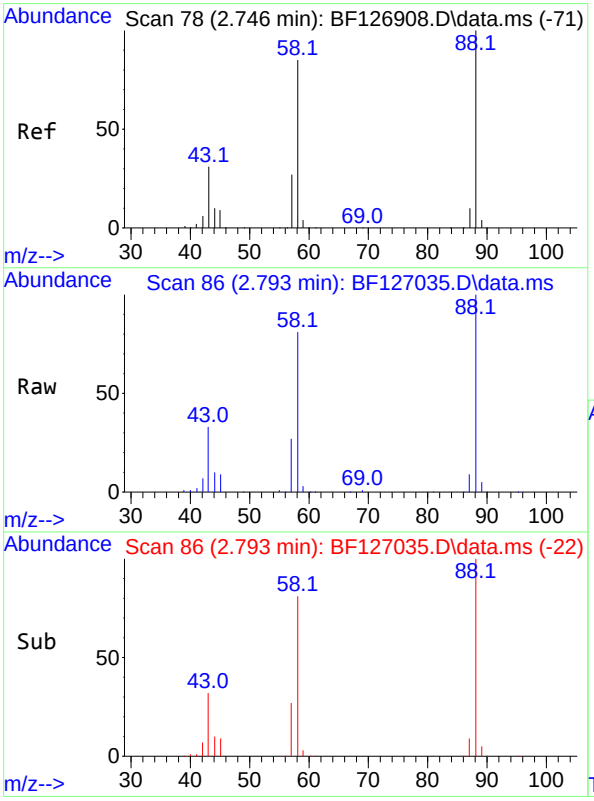
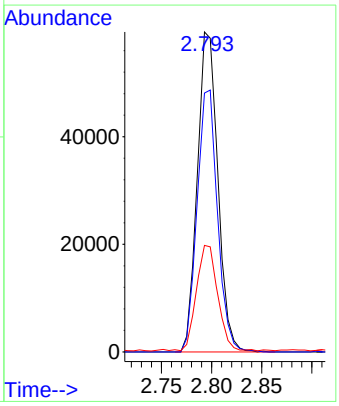
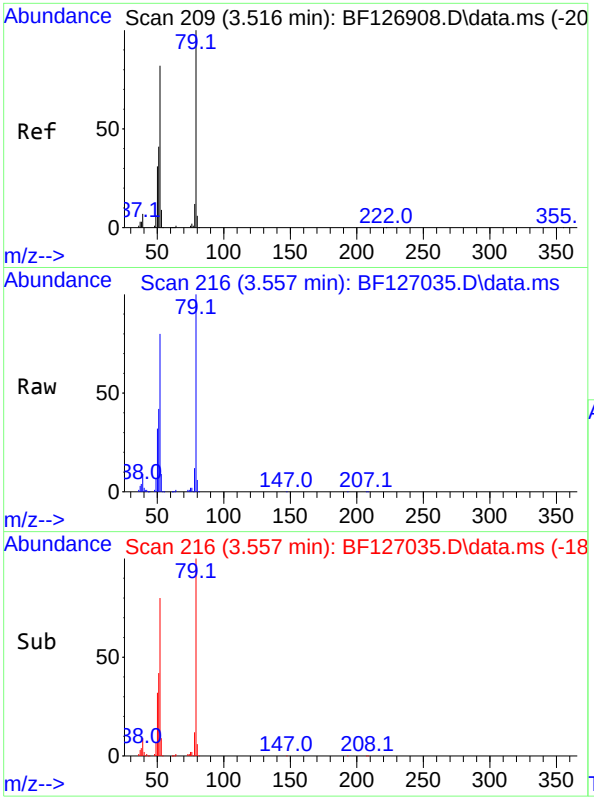


#2
1,4-Dioxane
Concen: 29.299 ng
RT: 2.793 min Scan# 86
Delta R.T. 0.077 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 88 Resp: 84741

Ion	Ratio	Lower	Upper
88	100		
58	81.7	62.8	94.2
43	34.2	22.3	33.5#





#3
Pyridine
Concen: 27.829 ng
RT: 3.557 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 79 Resp: 21112

Ion	Ratio	Lower	Upper
79	100		
52	80.2	56.2	84.4
51	42.4	26.7	40.1#

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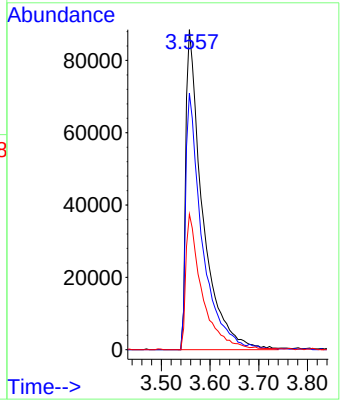
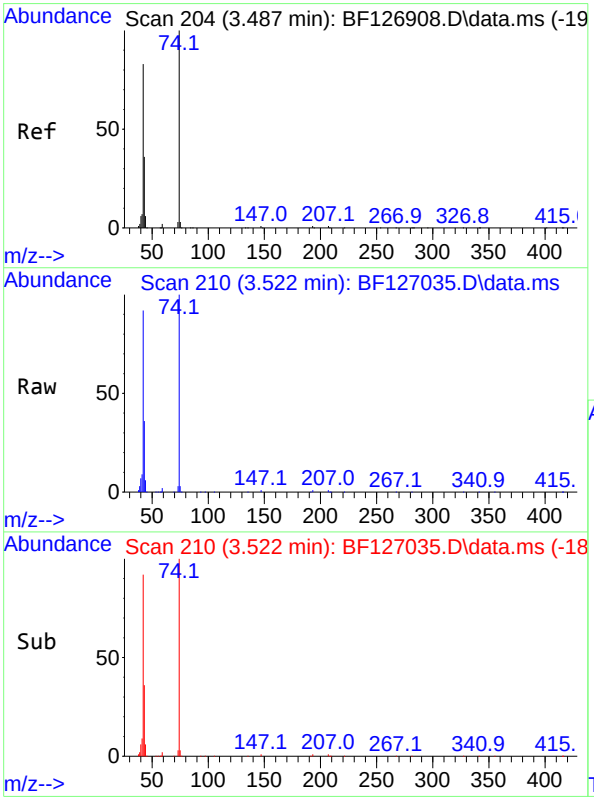
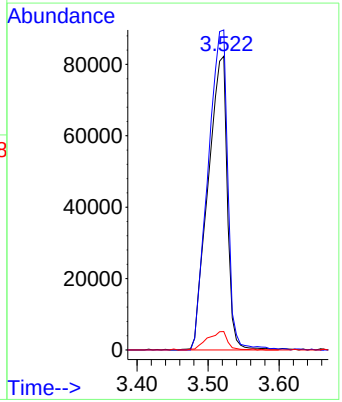


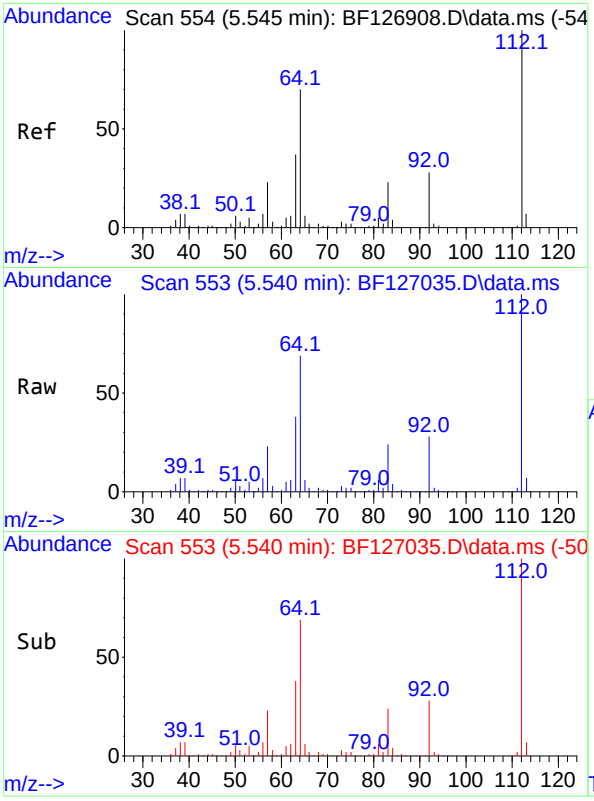


#4
n-Nitrosodimethylamine
Concen: 41.764 ng
RT: 3.522 min Scan# 210
Delta R.T. 0.065 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 42 Resp: 155203

Ion	Ratio	Lower	Upper
42	100		
74	108.9	125.6	188.4#
44	6.3	5.7	8.5

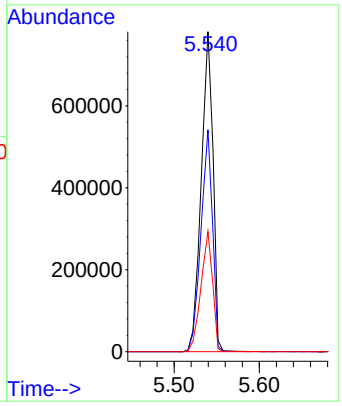




#5
2-Fluorophenol
Concen: 118.428 ng
RT: 5.540 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:112 Resp: 74853

Ion	Ratio	Lower	Upper
112	100		
64	69.3	49.5	74.3
63	37.5	23.9	35.9



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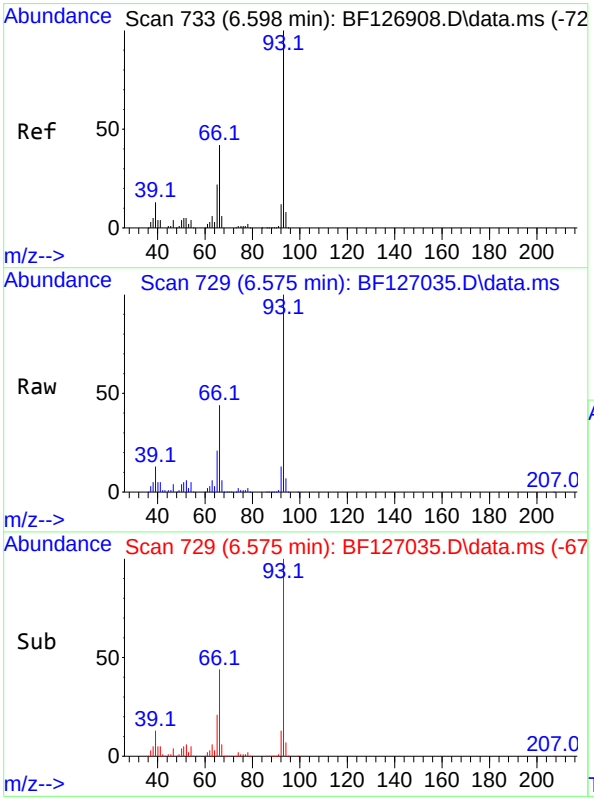
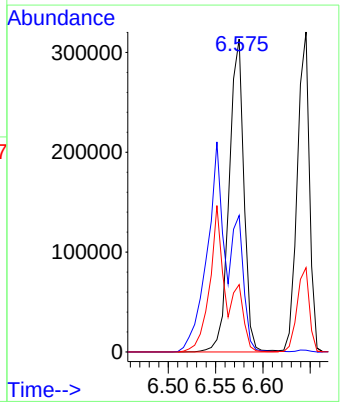
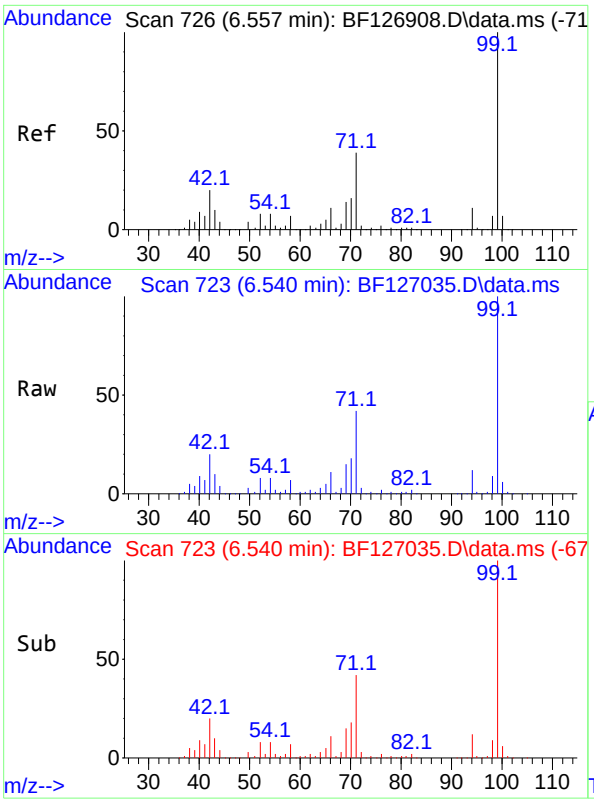


#6
Aniline
Concen: 33.684 ng
RT: 6.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 93 Resp: 340390

Ion	Ratio	Lower	Upper
93	100		
66	43.6	32.2	48.4
65	21.5	16.3	24.5

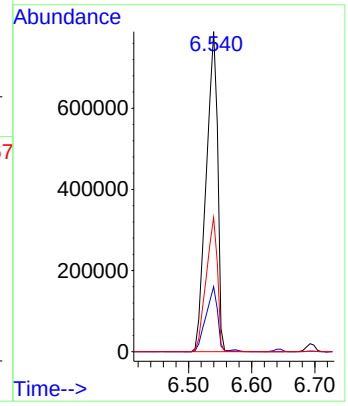




#7
Phenol-d6
Concen: 115.940 ng
RT: 6.540 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 99 Resp: 98882

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.2	21.4
71	41.9	24.3	36.5



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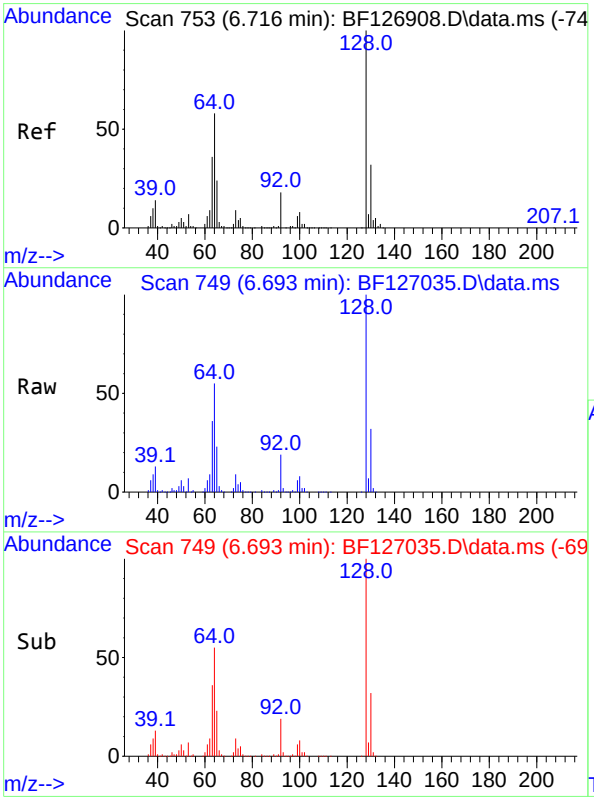
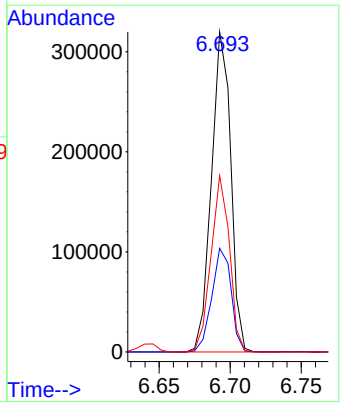
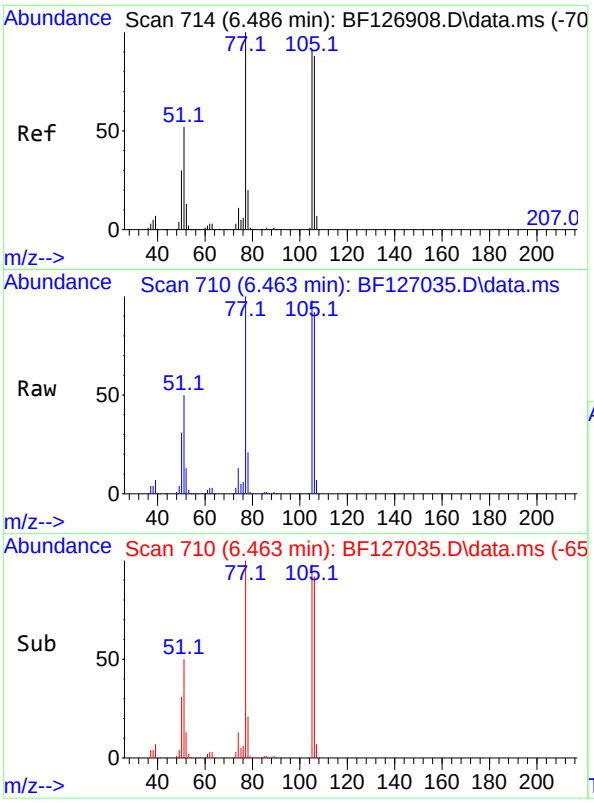


#8
2-Chlorophenol
Concen: 44.658 ng
RT: 6.693 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:128 Resp: 302862

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	55.1	35.6	75.6

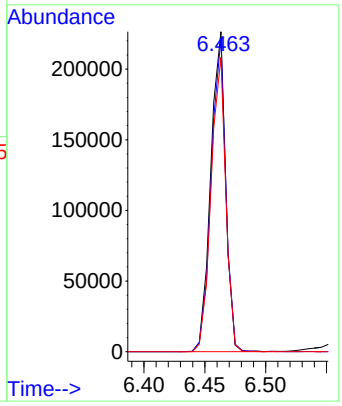




#9
Benzaldehyde
Concen: 36.971 ng
RT: 6.463 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 77 Resp: 19193

Ion	Ratio	Lower	Upper
77	100		
105	98.0	74.9	114.9
106	91.9	72.4	112.4



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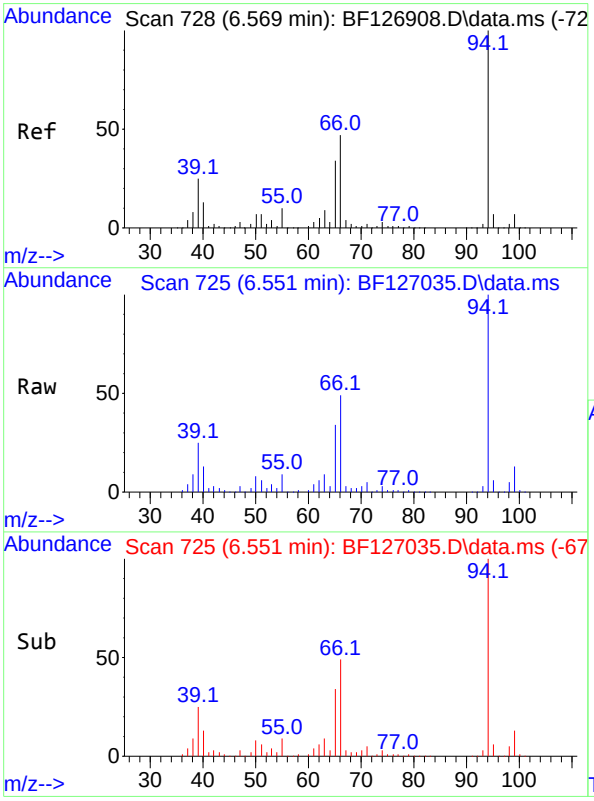
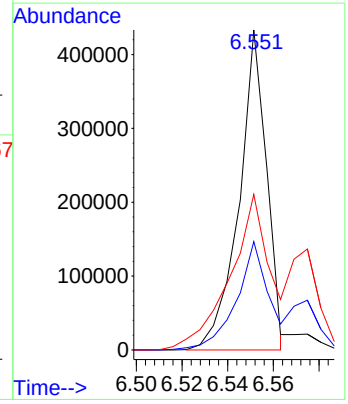
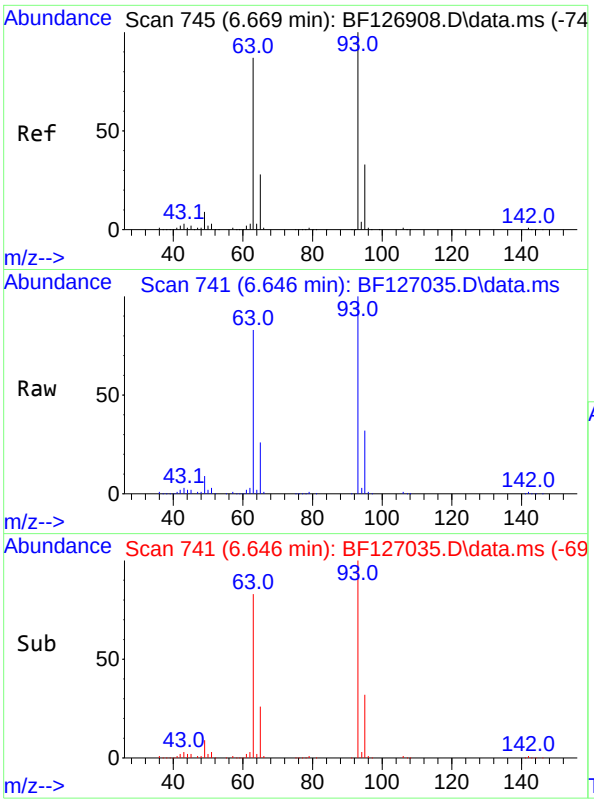


#10
Phenol
Concen: 42.331 ng m
RT: 6.551 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 94 Resp: 364800

Ion	Ratio	Lower	Upper
94	100		
65	33.9	7.2	47.2
66	48.6	14.5	54.5

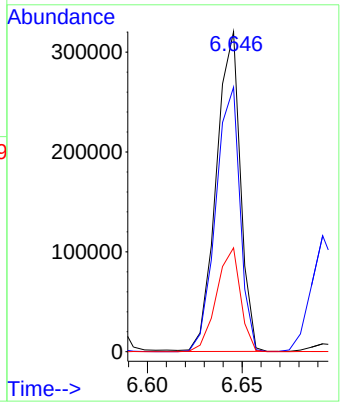




#11
bis(2-Chloroethyl)ether
Concen: 41.957 ng
RT: 6.646 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 93 Resp: 28359

Ion	Ratio	Lower	Upper
93	100		
63	82.6	60.5	100.5
95	32.5	12.9	52.9



Instrument :
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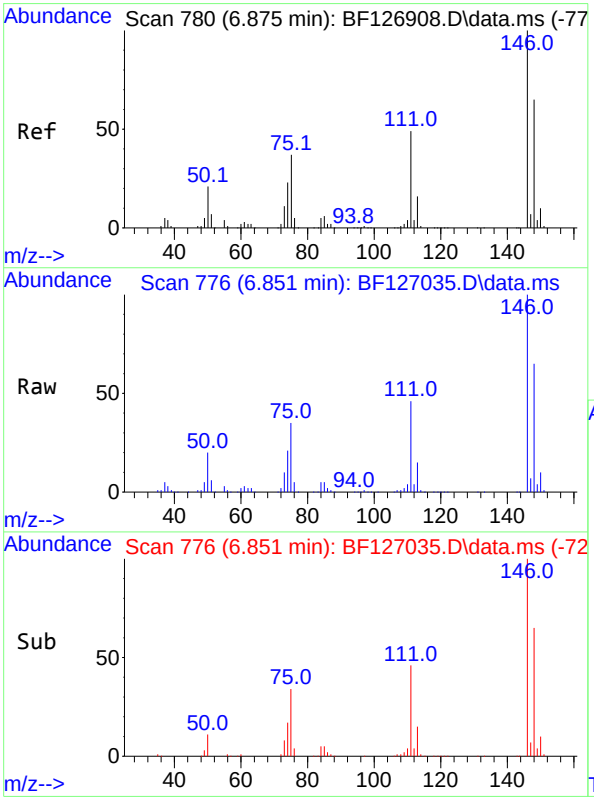
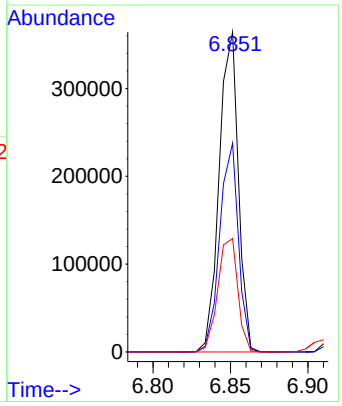
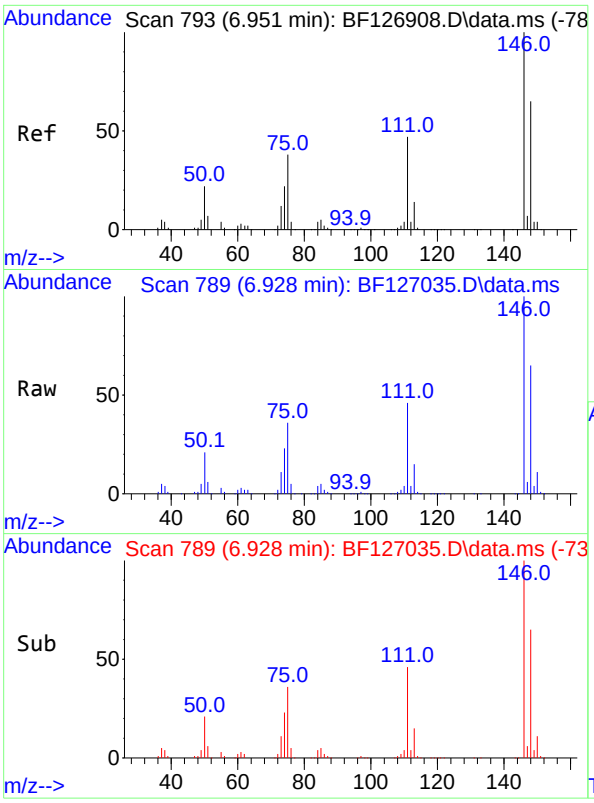


#12
1,3-Dichlorobenzene
Concen: 42.832 ng
RT: 6.851 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:146 Resp: 313344

Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.9	76.3
75	35.4	28.4	42.6

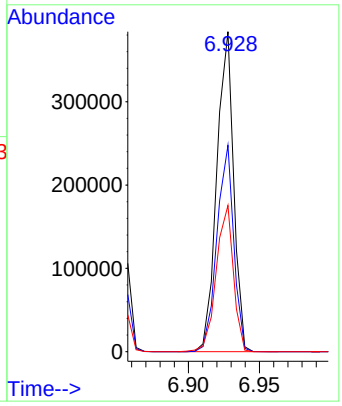




#13
1,4-Dichlorobenzene
Concen: 42.553 ng
RT: 6.928 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:146 Resp: 31560

Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.8	74.6
111	45.7	36.1	54.1



Instrument :
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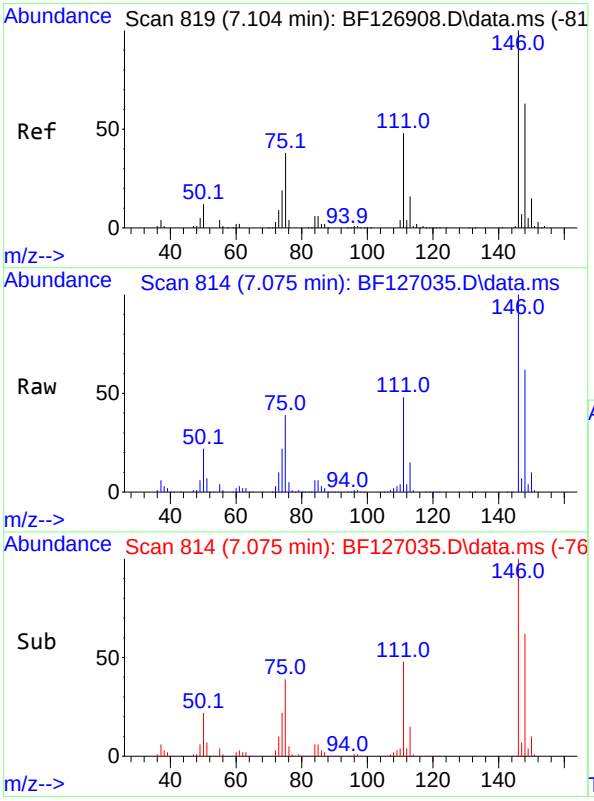
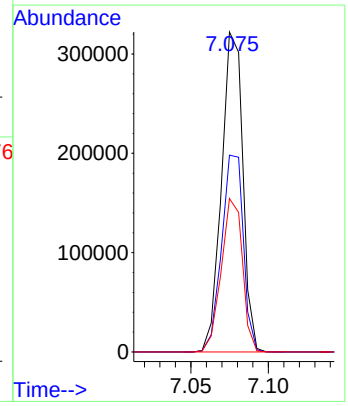
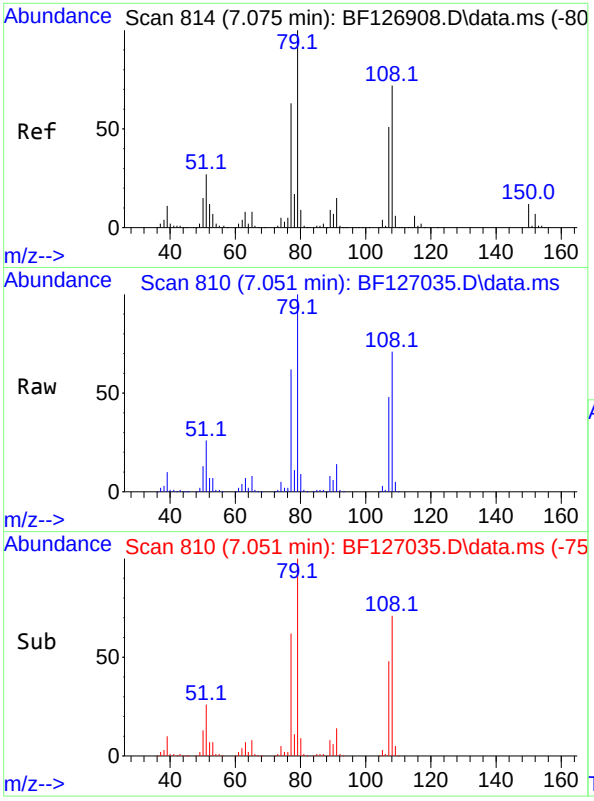


#14
1,2-Dichlorobenzene
Concen: 43.379 ng
RT: 7.075 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:146 Resp: 306802

Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.6	77.4
111	47.9	40.2	60.2

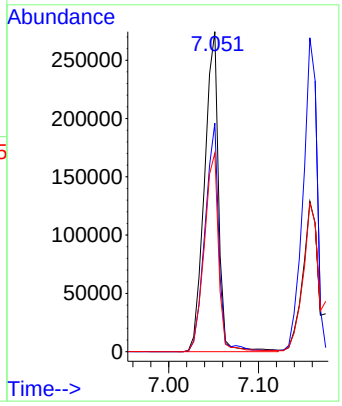




#15
Benzyl Alcohol
Concen: 41.650 ng
RT: 7.051 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 79 Resp: 29925

Ion	Ratio	Lower	Upper
79	100		
108	71.4	63.2	94.8
77	62.1	49.4	74.2



Instrument :
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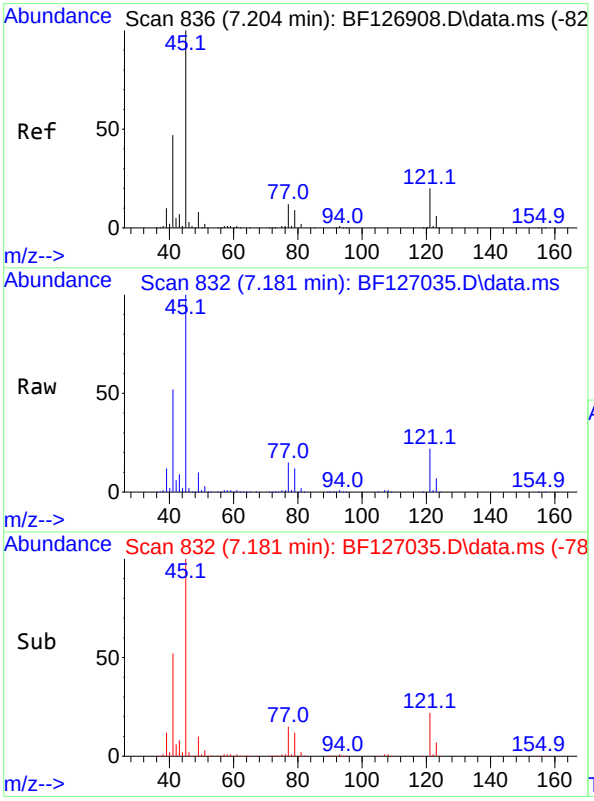
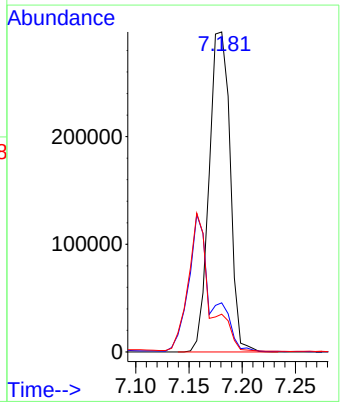
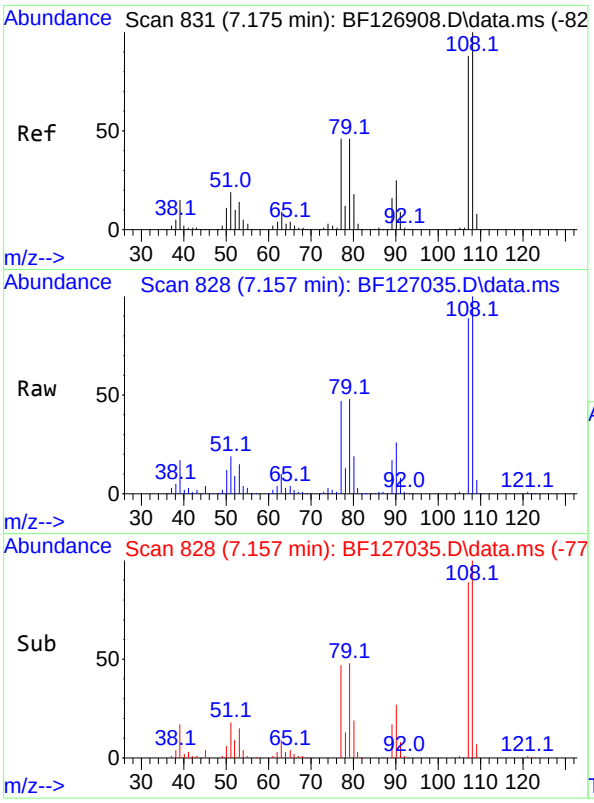


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.095 ng
RT: 7.181 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 45 Resp: 405463

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	32.4
79	11.8	0.0	29.8

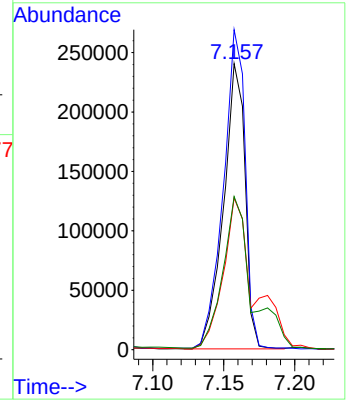




#17
2-Methylphenol
Concen: 43.089 ng
RT: 7.157 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:107 Resp: 25282

Ion	Ratio	Lower	Upper
107	100		
108	111.9	93.4	140.0
77	53.0	36.1	54.1
79	53.5	34.9	52.3#



Instrument :
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ClientSampleId :
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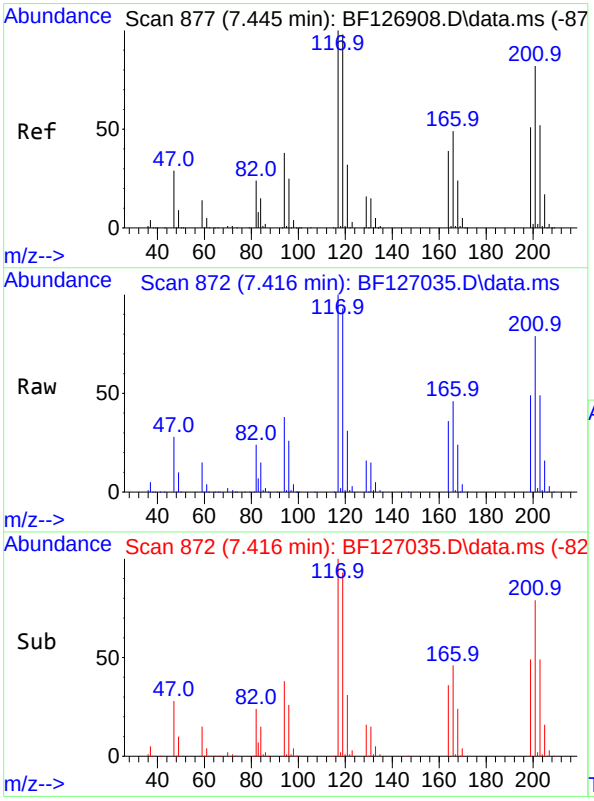
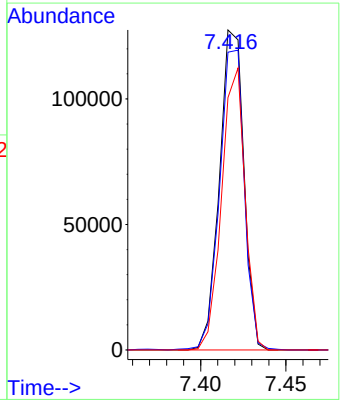
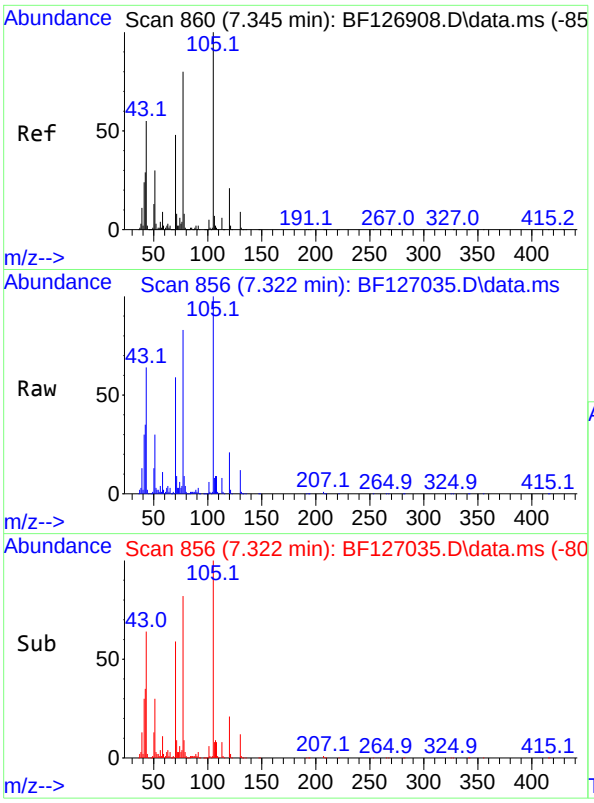


#18
Hexachloroethane
Concen: 44.869 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:117 Resp: 127555

Ion	Ratio	Lower	Upper
117	100		
119	93.1	75.4	113.0
201	78.9	56.8	85.2

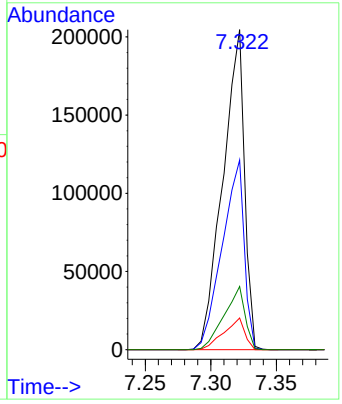




#19
n-Nitroso-di-n-propylamine
Concen: 42.806 ng
RT: 7.322 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 70 Resp: 23524

Ion	Ratio	Lower	Upper
70	100		
42	59.3	45.8	68.8
101	9.9	6.9	10.3
130	19.8	14.4	21.6



Instrument :
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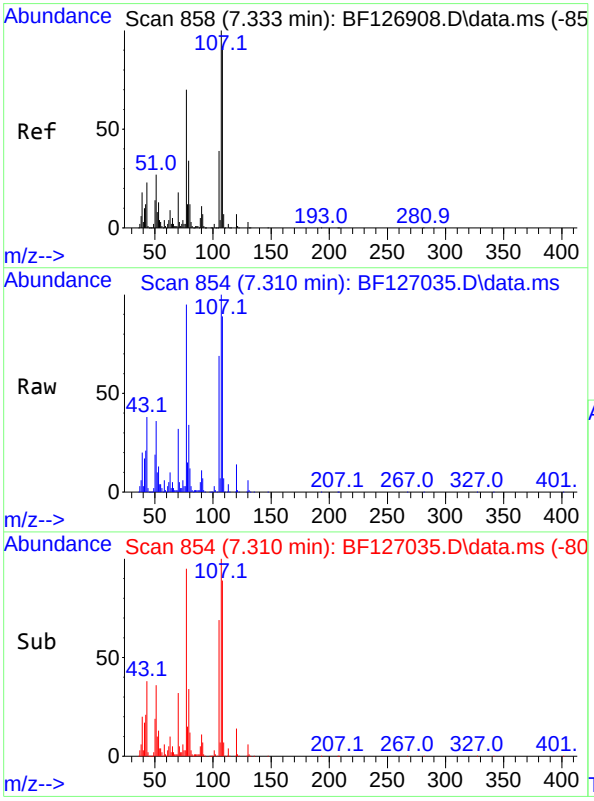
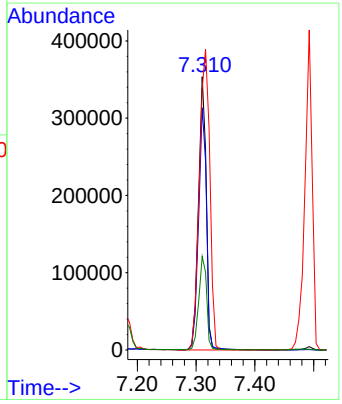
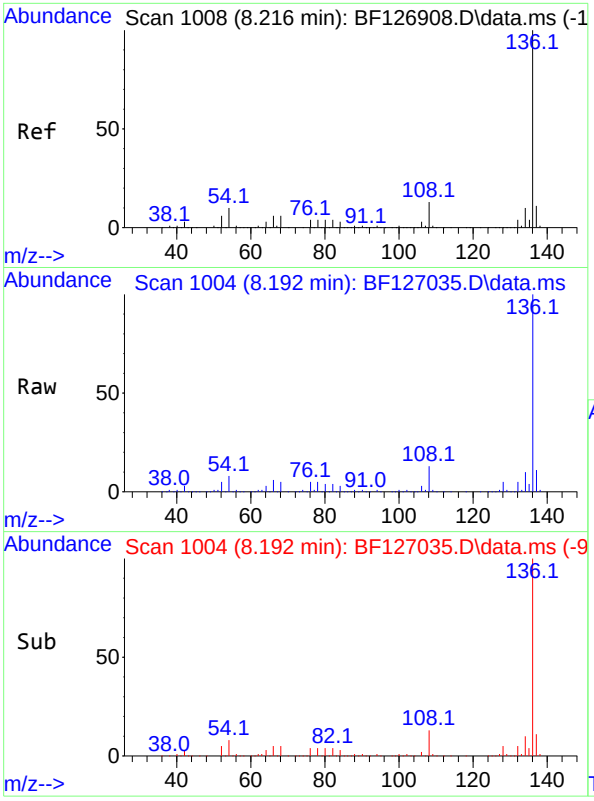


#20
3+4-Methylphenols
Concen: 42.938 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:107 Resp: 327149

Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.4	112.4
77	95.4	83.8	123.8
79	34.2	8.5	48.5

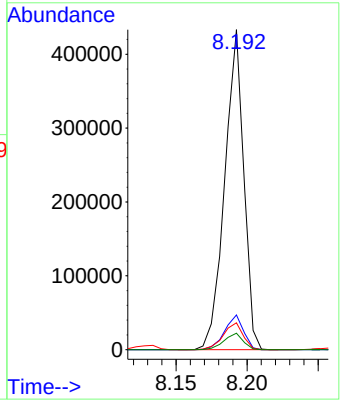




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:136 Resp: 40396

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.4	7.8	11.6
68	5.2	6.3	9.5#



Instrument :
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ClientSampleId :
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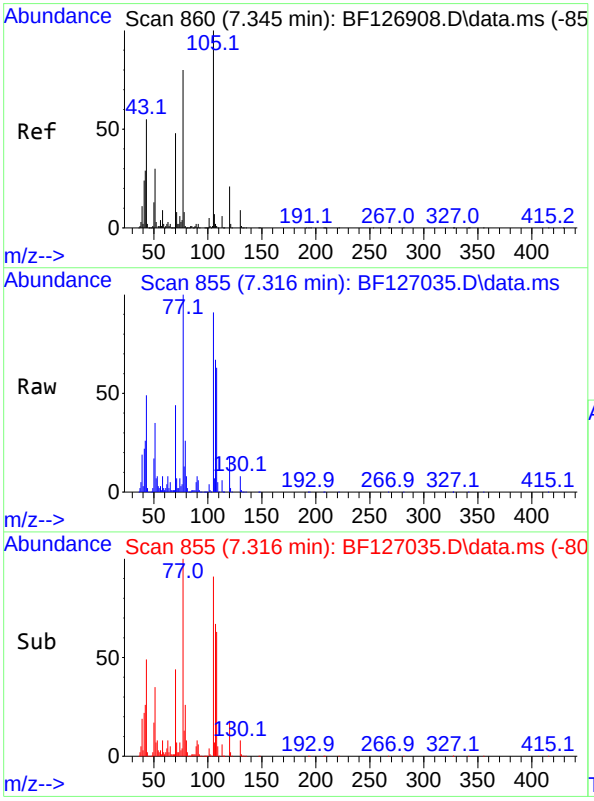
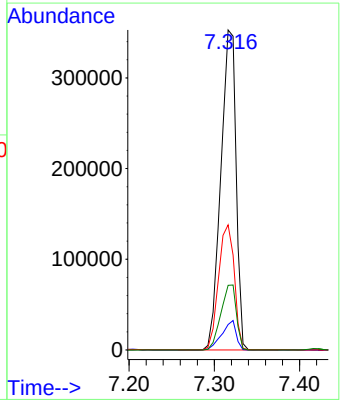
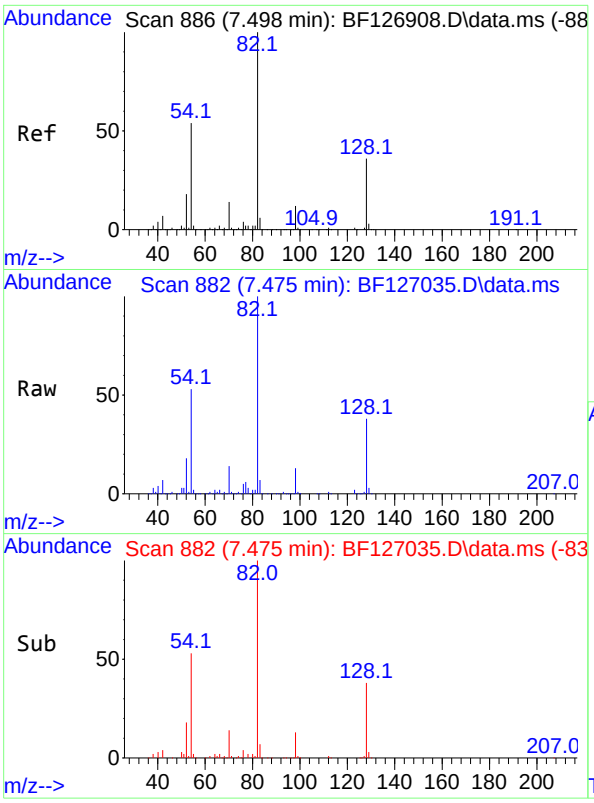


#22
Acetophenone
Concen: 41.393 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:105 Resp: 440251

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.4	8.0
51	39.1	27.4	41.0
120	20.2	17.0	25.6





#23
Nitrobenzene-d5
Concen: 78.431 ng
RT: 7.475 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 82 Resp: 70192

Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.7	49.1
54	53.3	41.7	62.5

Instrument :
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ClientSampleId :
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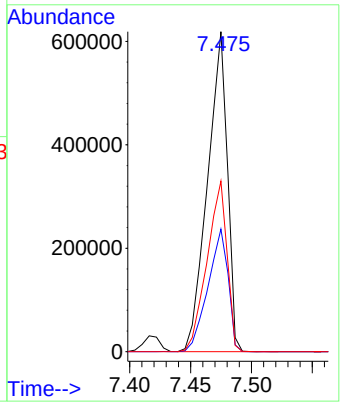
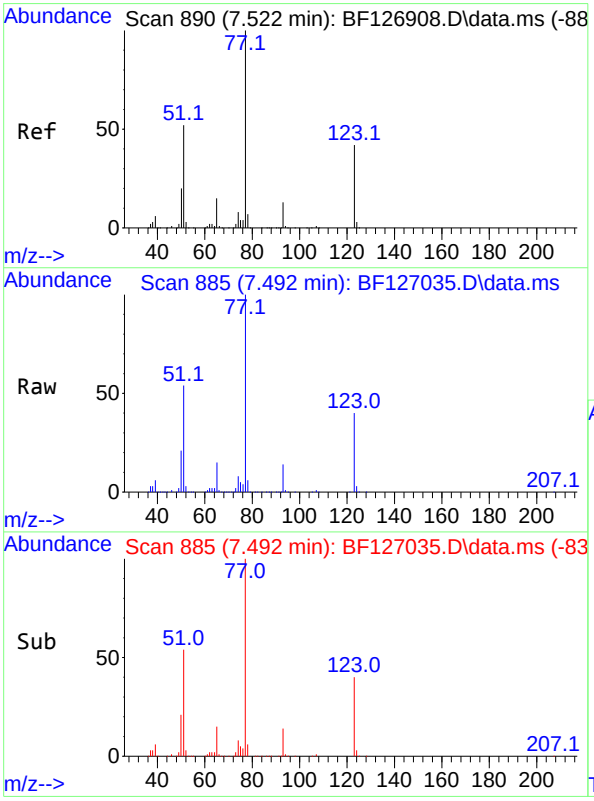
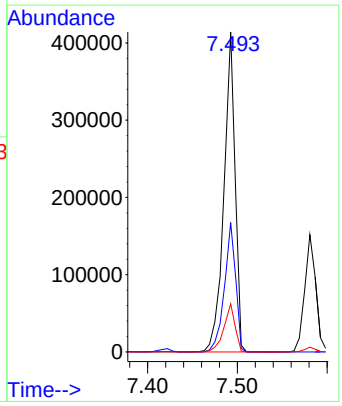


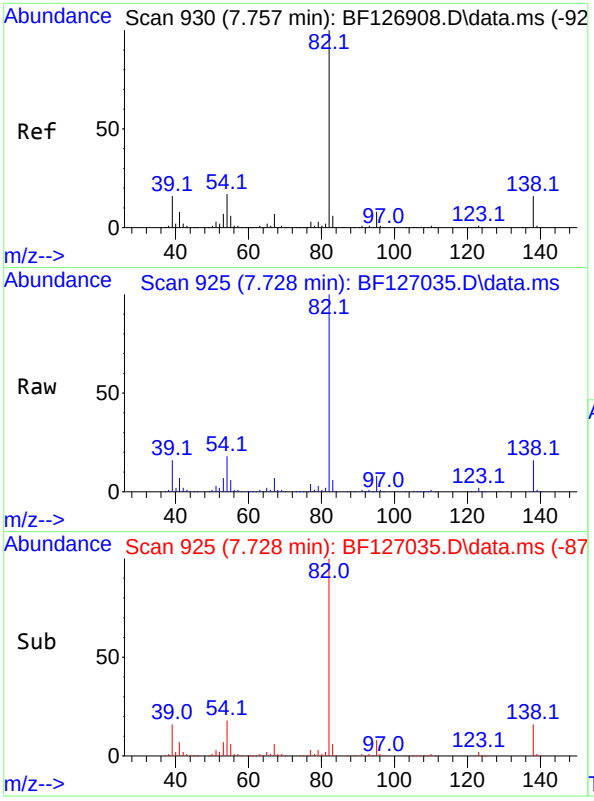


#24
Nitrobenzene
Concen: 42.638 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 77 Resp: 360479

Ion	Ratio	Lower	Upper
77	100		
123	40.4	34.6	52.0
65	15.0	10.6	15.8

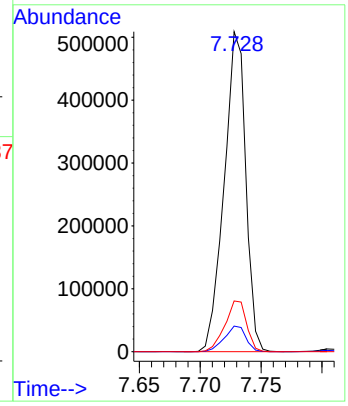




#25
Isophorone
Concen: 42.374 ng
RT: 7.728 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 82 Resp: 62752

Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.0	7.4#
138	15.8	12.3	18.5



Instrument :
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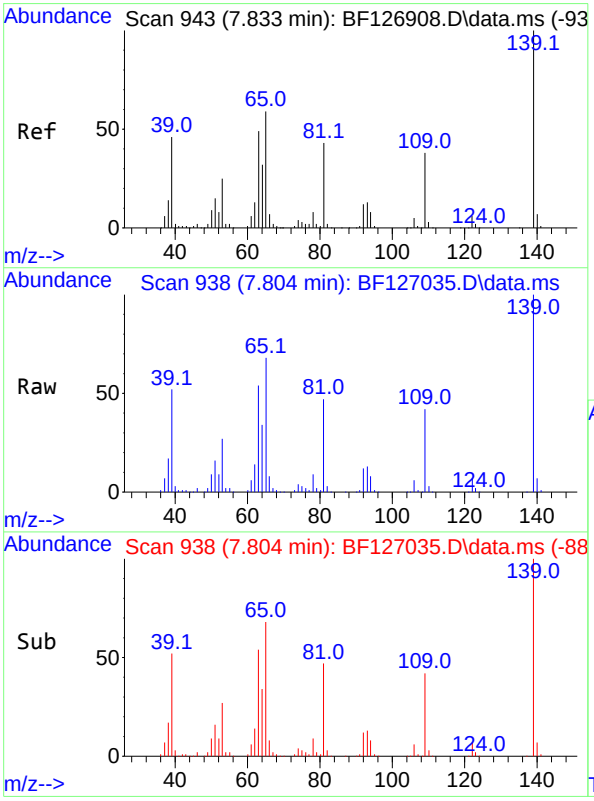
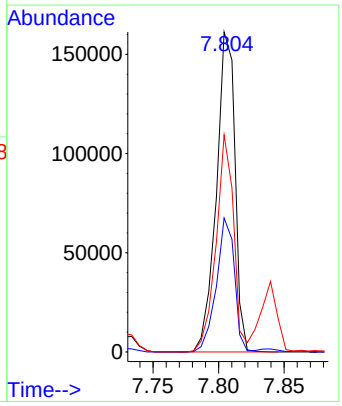
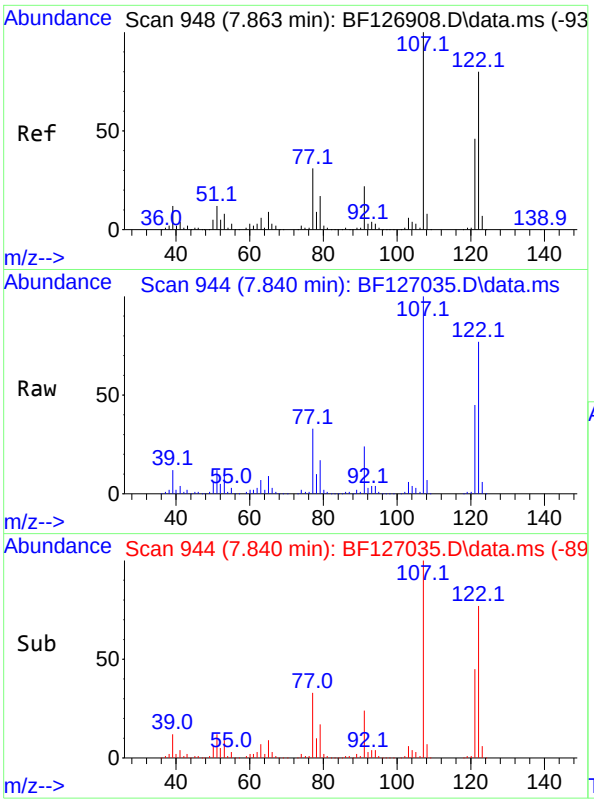


#26
2-Nitrophenol
Concen: 44.186 ng
RT: 7.804 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:139 Resp: 159055

Ion	Ratio	Lower	Upper
139	100		
109	41.9	20.0	30.0#
65	67.8	40.8	61.2#

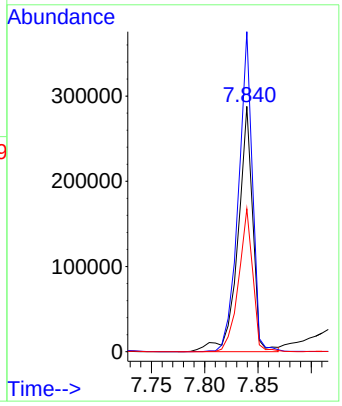




#27
2,4-Dimethylphenol
Concen: 47.133 ng
RT: 7.840 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:122 Resp: 27871

Ion	Ratio	Lower	Upper
122	100		
107	130.5	91.2	136.8
121	58.3	44.4	66.6



Instrument :
BNA_F
ClientSampleId :
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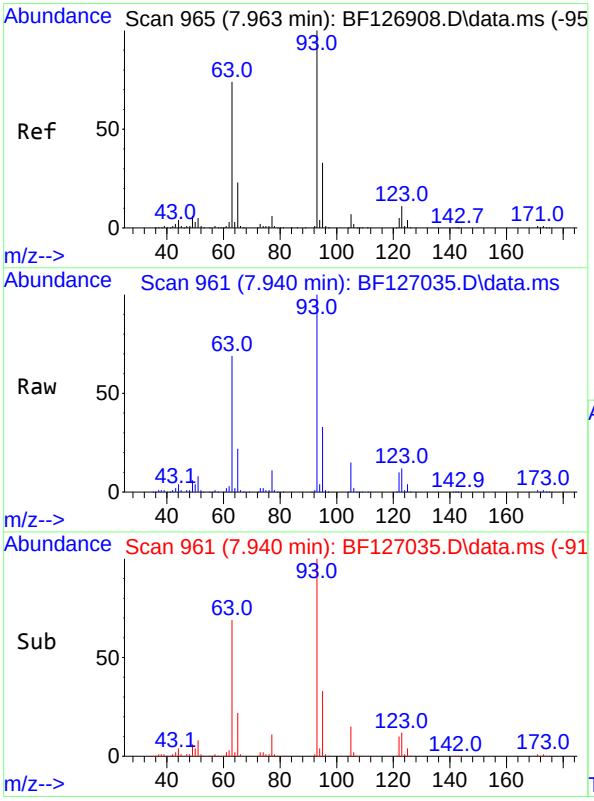
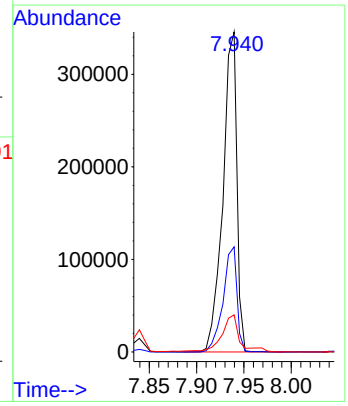
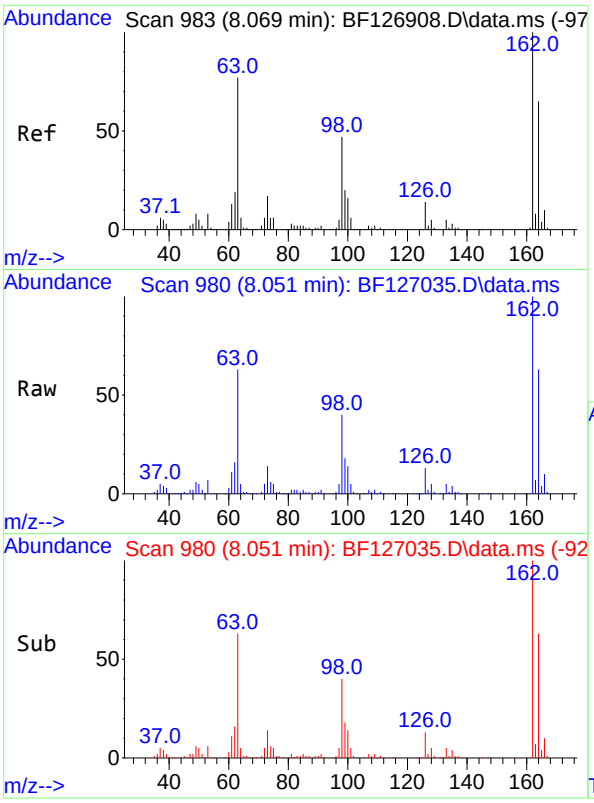


#28
bis(2-Chloroethoxy)methane
Concen: 39.492 ng
RT: 7.940 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 93 Resp: 354564

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.4	38.2
123	11.6	8.9	13.3

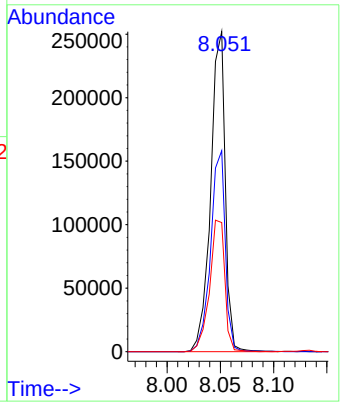




#29
2,4-Dichlorophenol
Concen: 43.317 ng
RT: 8.051 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:162 Resp: 24082

Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.8	83.8
98	40.3	23.6	63.6



Instrument :
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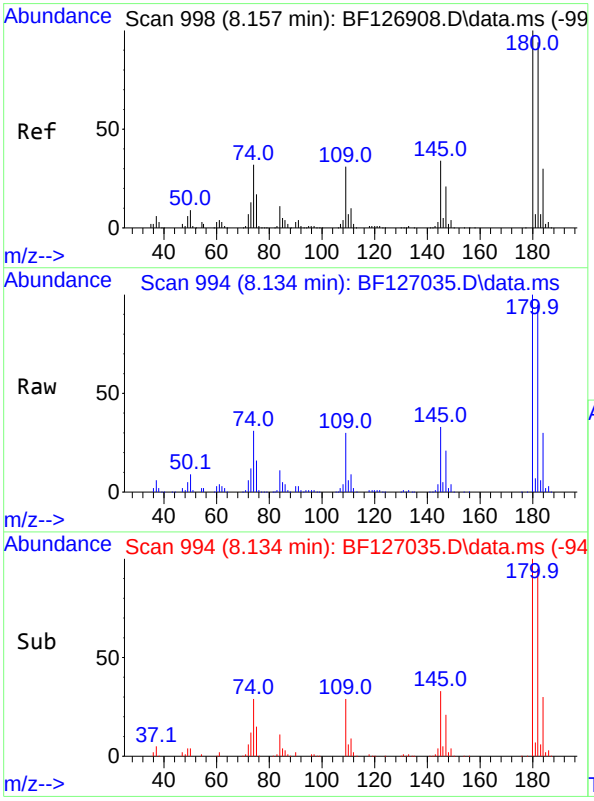
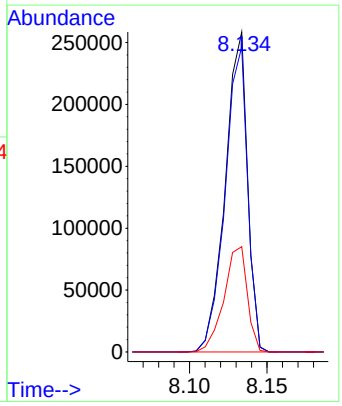
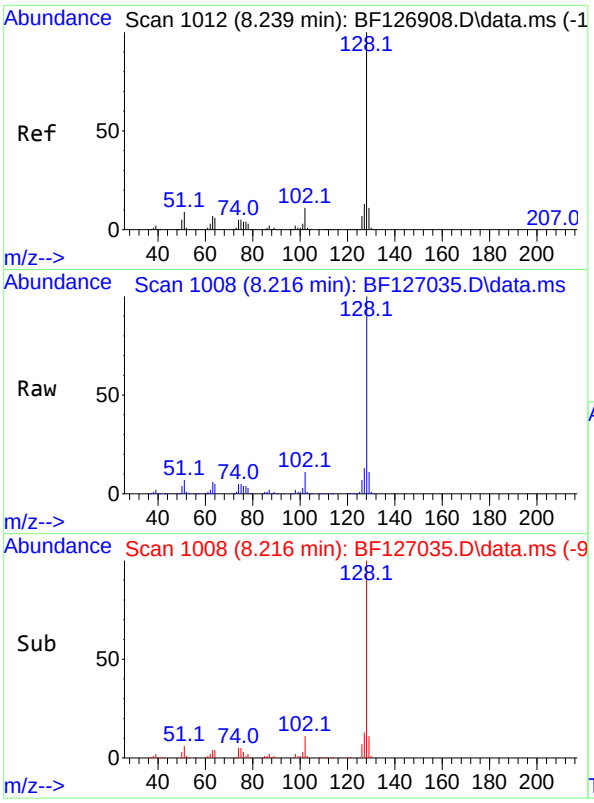


#30
1,2,4-Trichlorobenzene
Concen: 41.615 ng
RT: 8.134 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:180 Resp: 258663

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.5	113.3
145	32.9	26.2	39.2

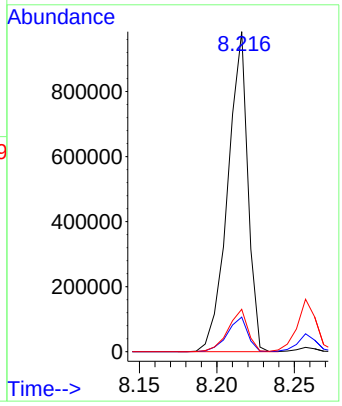




#31
Naphthalene
Concen: 42.003 ng
RT: 8.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:128 Resp: 88573

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.3	10.3	15.5



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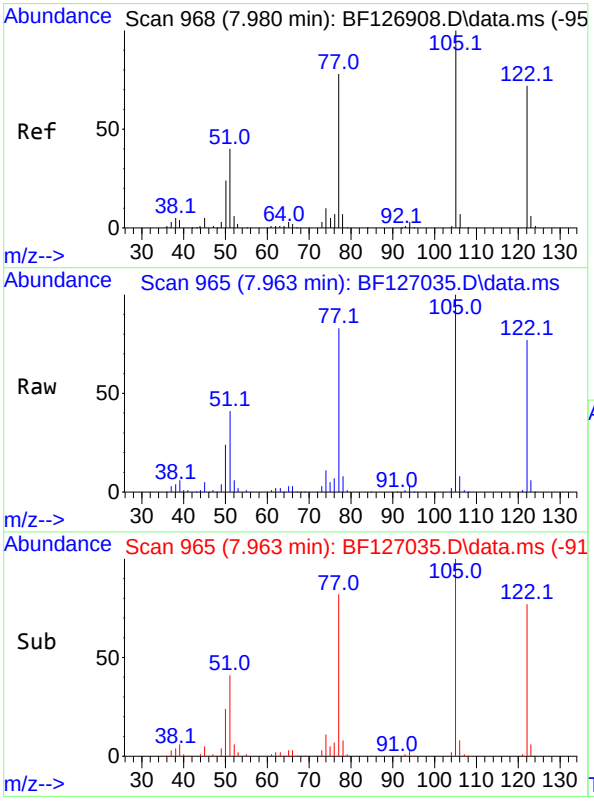
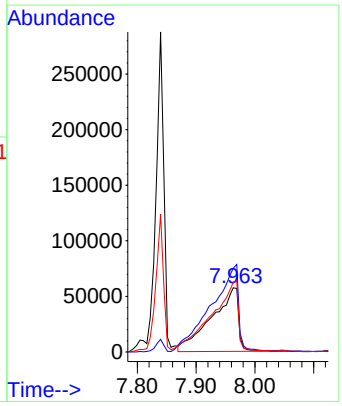
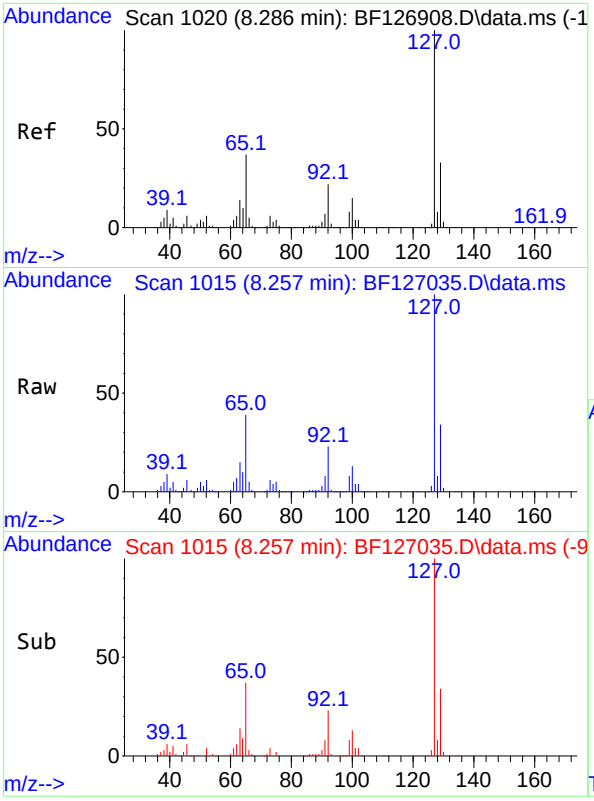


#32
Benzoic acid
Concen: 43.835 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:122 Resp: 183837

Ion	Ratio	Lower	Upper
122	100		
105	130.4	101.0	141.0
77	108.6	74.5	114.5

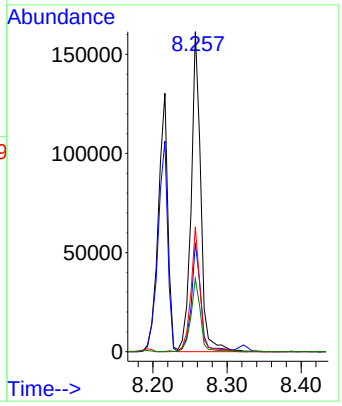




#33
4-Chloroaniline
Concen: 17.549 ng
RT: 8.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:127 Resp: 14566

Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.5	39.7
65	39.0	26.6	39.8
92	22.8	16.1	24.1



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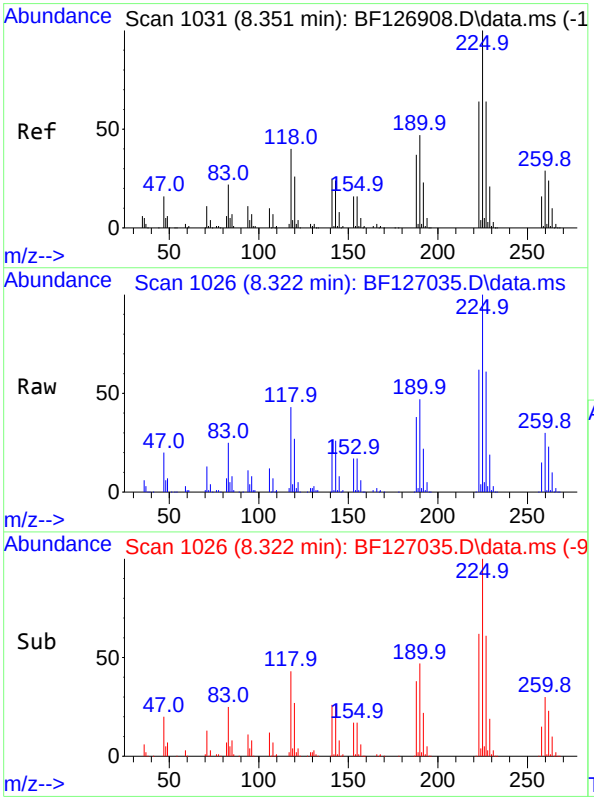
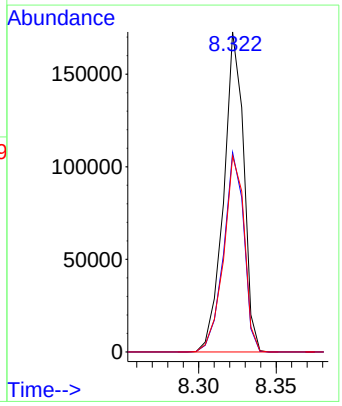
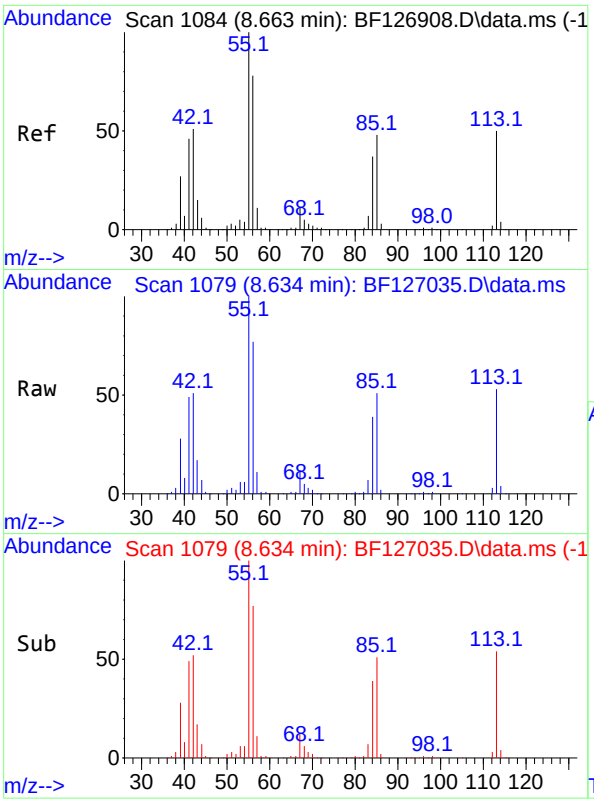


#34
Hexachlorobutadiene
Concen: 42.829 ng
RT: 8.322 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:225 Resp: 155416

Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.6	73.0
227	61.2	51.4	77.0

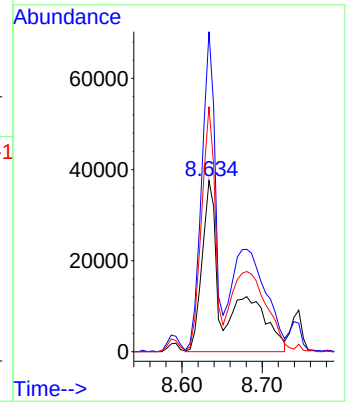




#35
Caprolactam
Concen: 41.777 ng m
RT: 8.634 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:113 Resp: 8110

Ion	Ratio	Lower	Upper
113	100		
55	187.1	183.9	223.9
56	143.2	129.9	169.9



Instrument :
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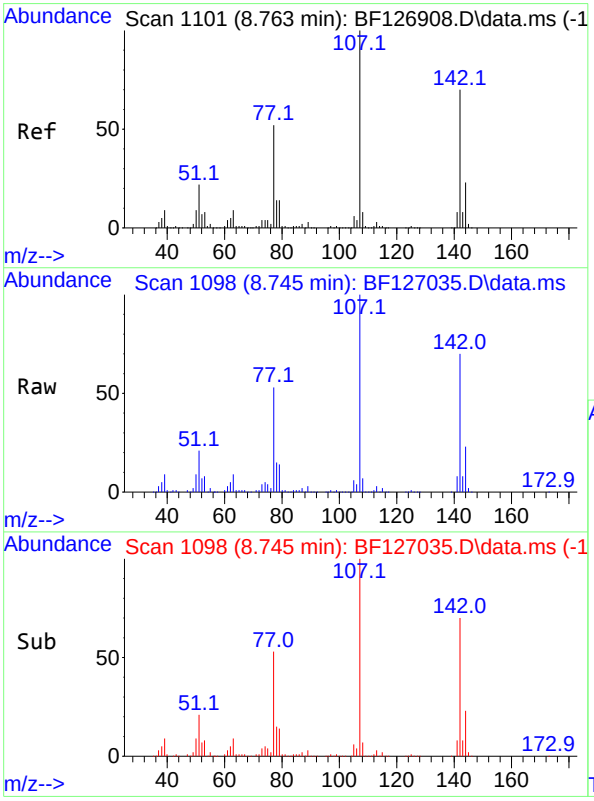
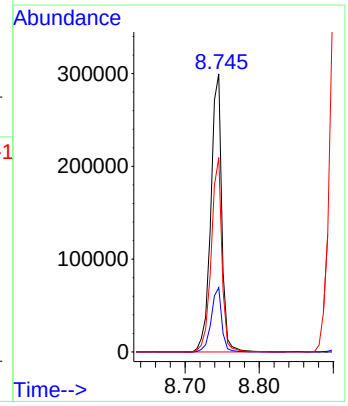
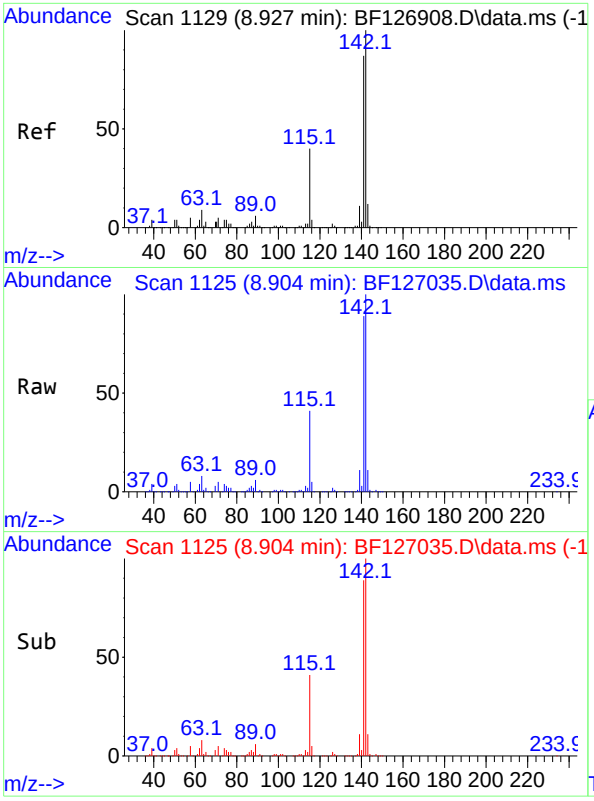


#36
4-Chloro-3-methylphenol
Concen: 43.377 ng
RT: 8.745 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:107 Resp: 308208

Ion	Ratio	Lower	Upper
107	100		
144	23.2	18.5	27.7
142	69.9	58.1	87.1





#37
2-Methylnaphthalene
Concen: 42.477 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:142 Resp: 58122

Ion	Ratio	Lower	Upper
142	100		
141	88.7	68.6	102.8

Instrument :
BNA_F
ClientSampleId :
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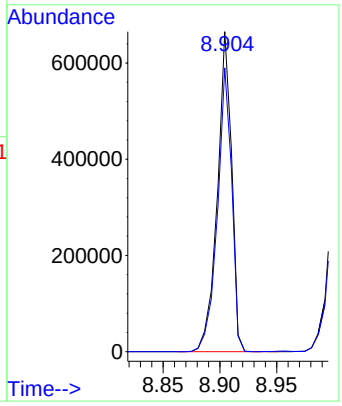
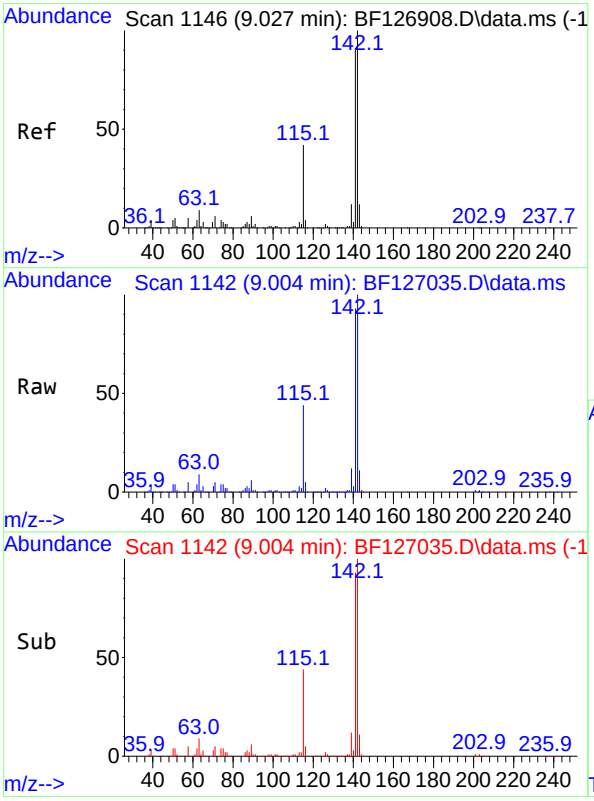
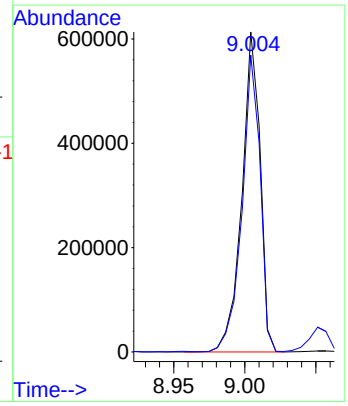


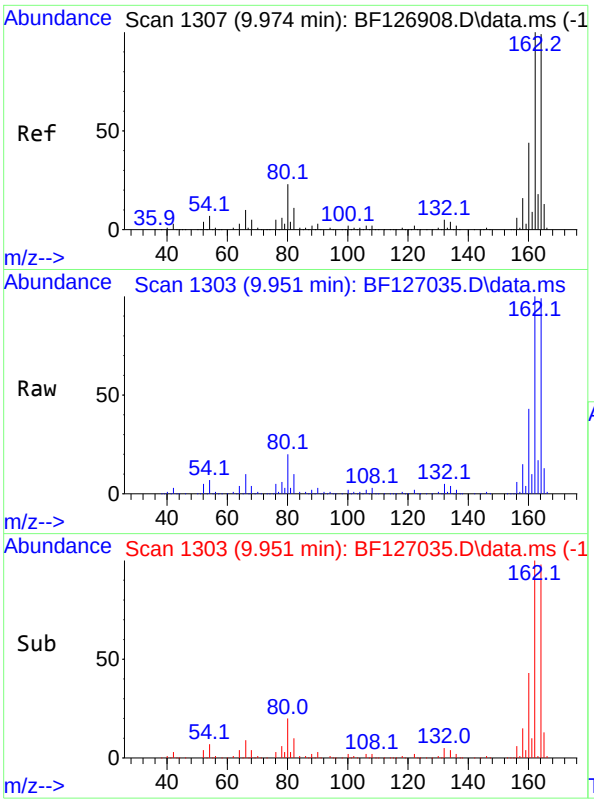


#38
1-Methylnaphthalene
Concen: 41.887 ng
RT: 9.004 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:142 Resp: 548848

Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.1	108.1

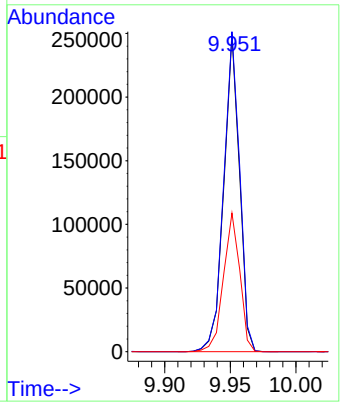




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:164 Resp: 20693

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.0
160	43.7	36.6	54.8



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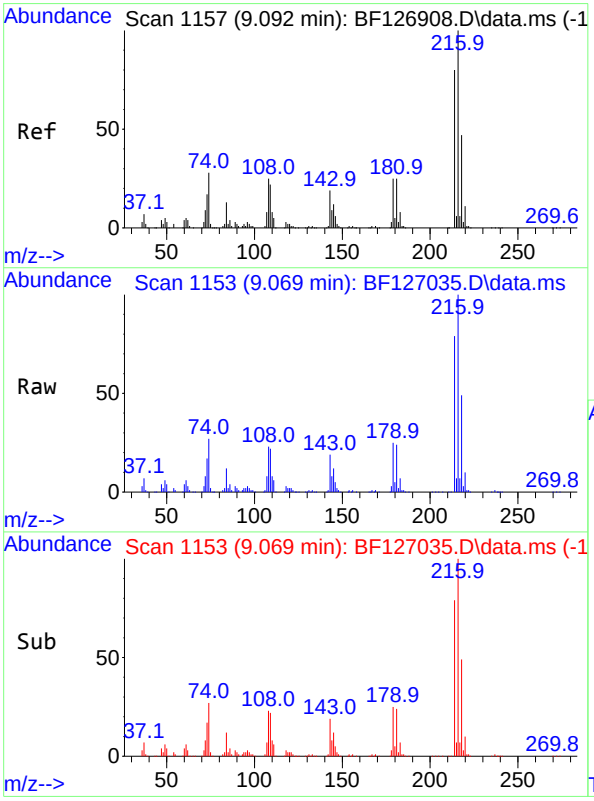
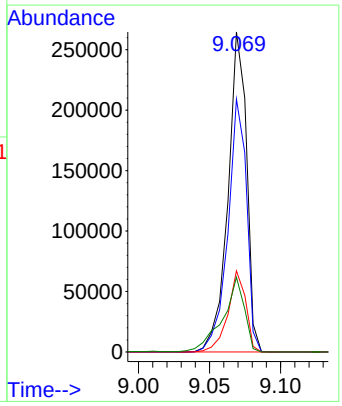
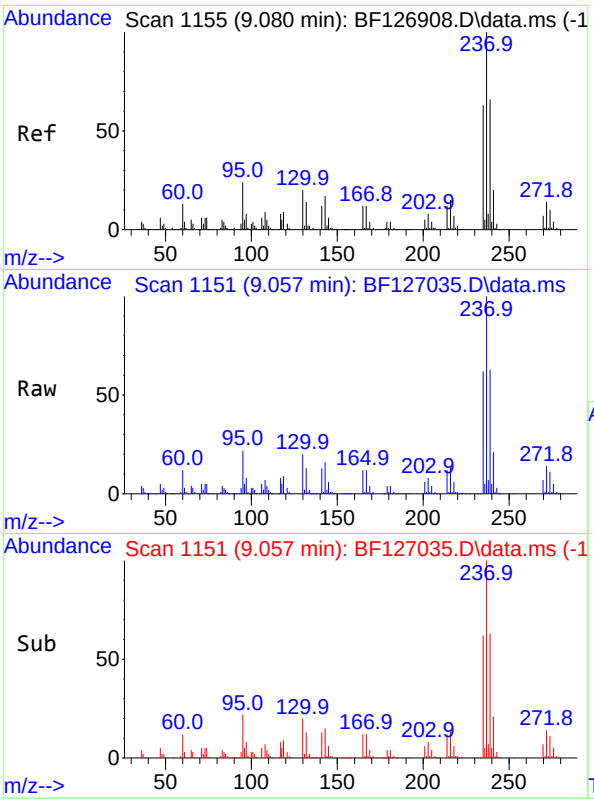


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.300 ng
RT: 9.069 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:216 Resp: 241317

Ion	Ratio	Lower	Upper
216	100		
214	79.0	64.6	96.8
179	24.4	19.5	29.3
108	27.3	21.1	31.7





#41
Hexachlorocyclopentadiene
Concen: 101.889 ng
RT: 9.057 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:237 Resp: 30102

Ion	Ratio	Lower	Upper
237	100		
235	61.9	38.9	78.9
272	14.1	0.0	33.5

Instrument :
BNA_F
ClientSampleId :
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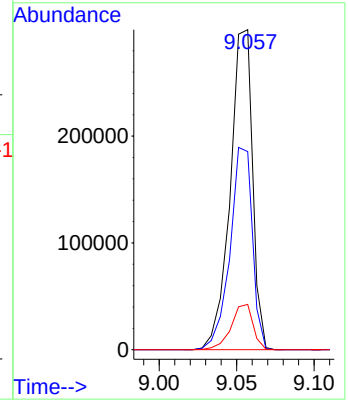
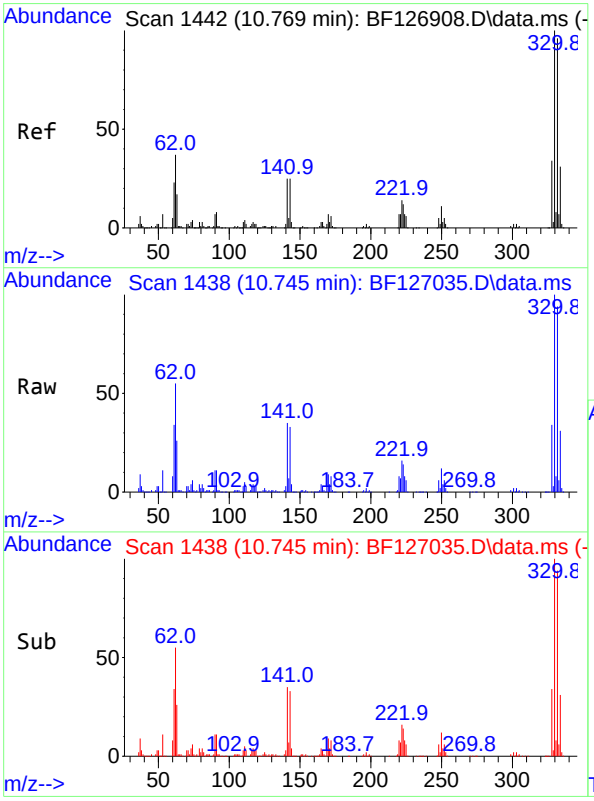
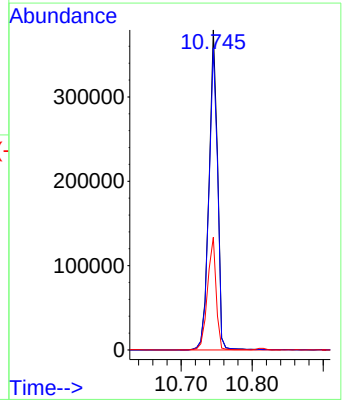


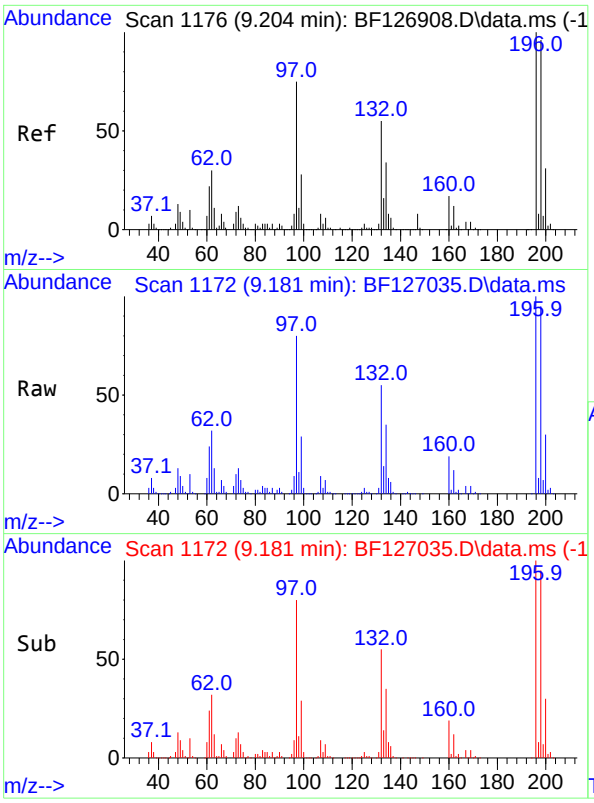


#42
2,4,6-Tribromophenol
Concen: 134.372 ng
RT: 10.745 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:330 Resp: 320155

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	35.5	30.1	45.1

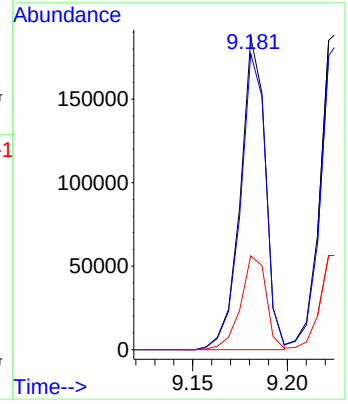




#43
2,4,6-Trichlorophenol
Concen: 42.953 ng
RT: 9.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:196 Resp: 17160

Ion	Ratio	Lower	Upper
196	100		
198	94.7	78.5	117.7
200	30.0	24.9	37.3



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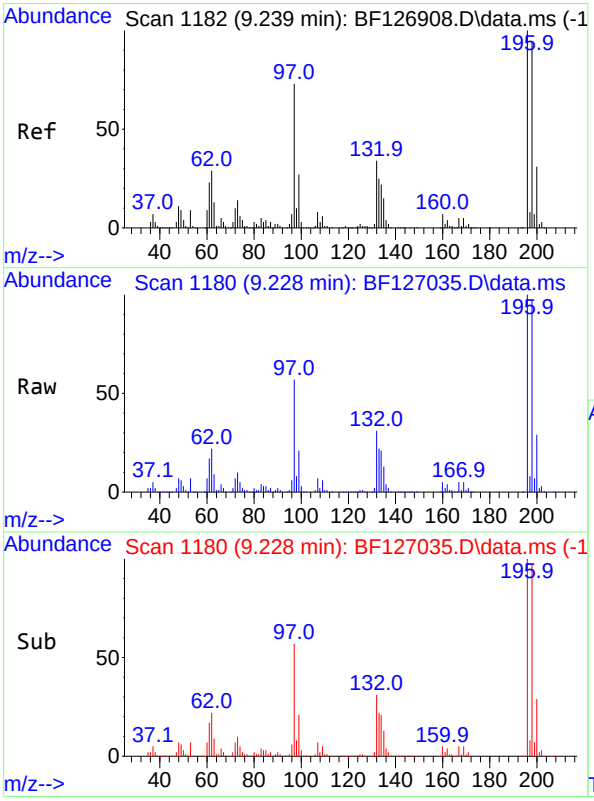
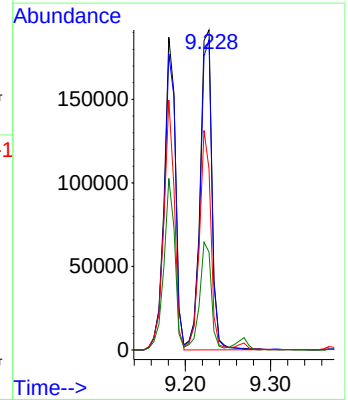
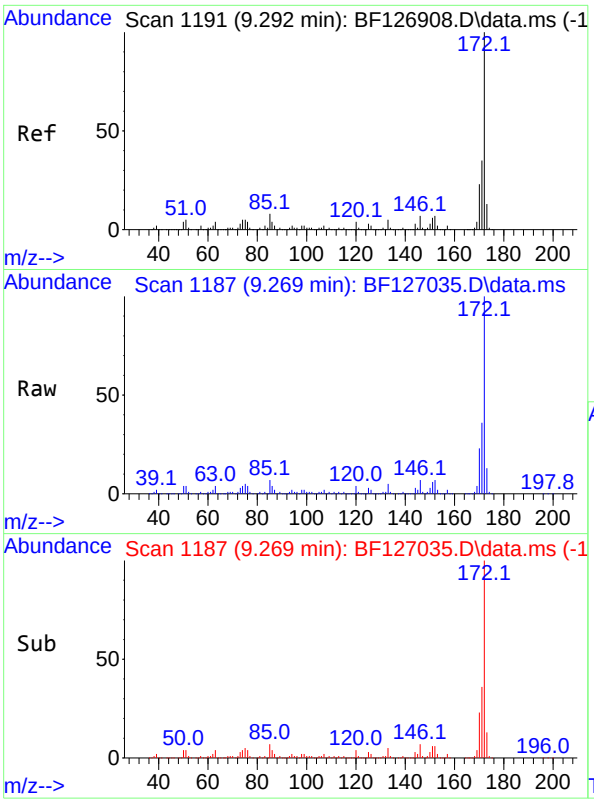


#44
2,4,5-Trichlorophenol
Concen: 43.981 ng
RT: 9.228 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:196 Resp: 184906

Ion	Ratio	Lower	Upper
196	100		
198	96.9	82.0	123.0
97	56.6	53.5	80.3
132	30.6	28.7	43.1

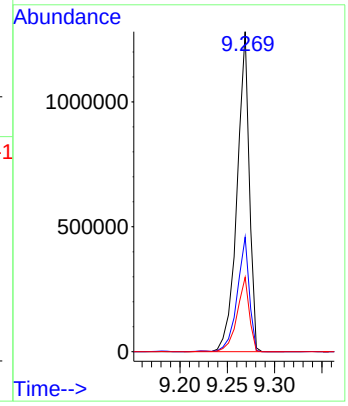




#45
2-Fluorobiphenyl
Concen: 81.767 ng
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:172 Resp: 114937

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.3	42.5
170	23.3	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
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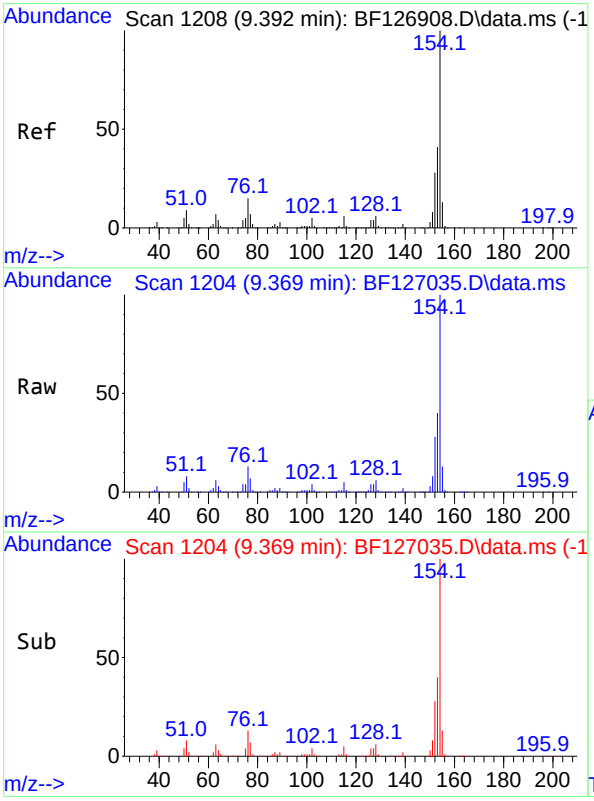
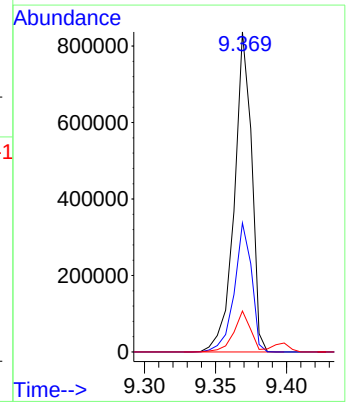
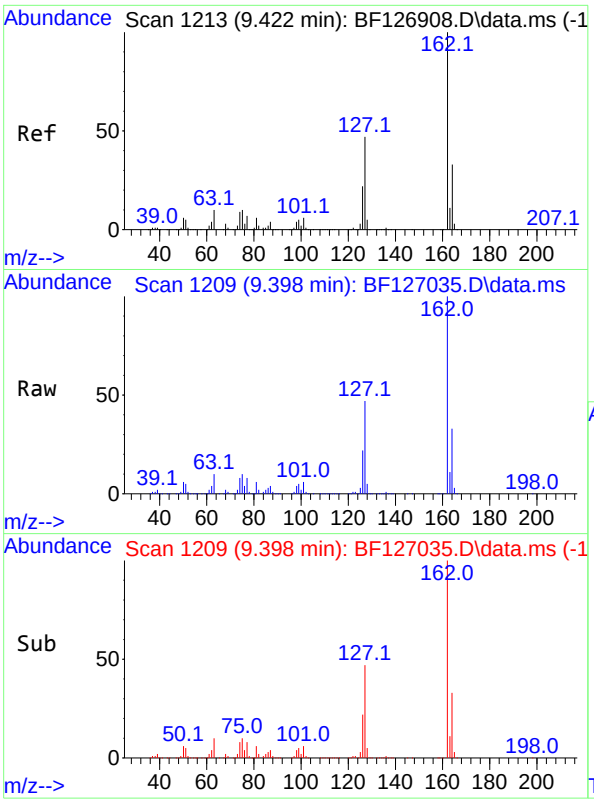


#46
1,1'-Biphenyl
Concen: 43.139 ng
RT: 9.369 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:154 Resp: 707281

Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.0	59.0
76	12.8	0.0	34.5

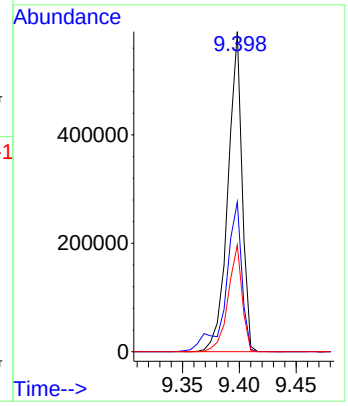




#47
2-Chloronaphthalene
Concen: 42.115 ng
RT: 9.398 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:162 Resp: 51204

Ion	Ratio	Lower	Upper
162	100		
127	46.8	33.5	50.3
164	33.3	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
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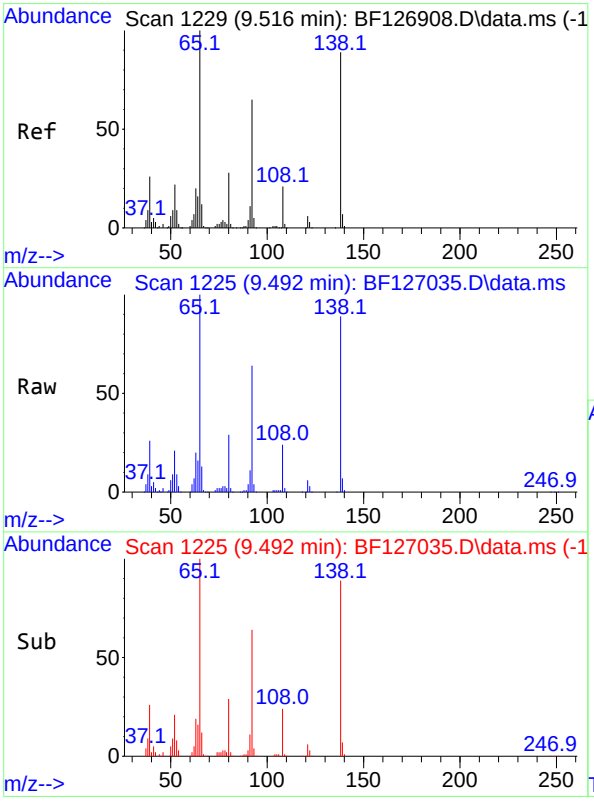
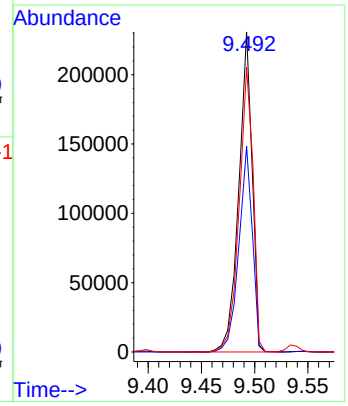
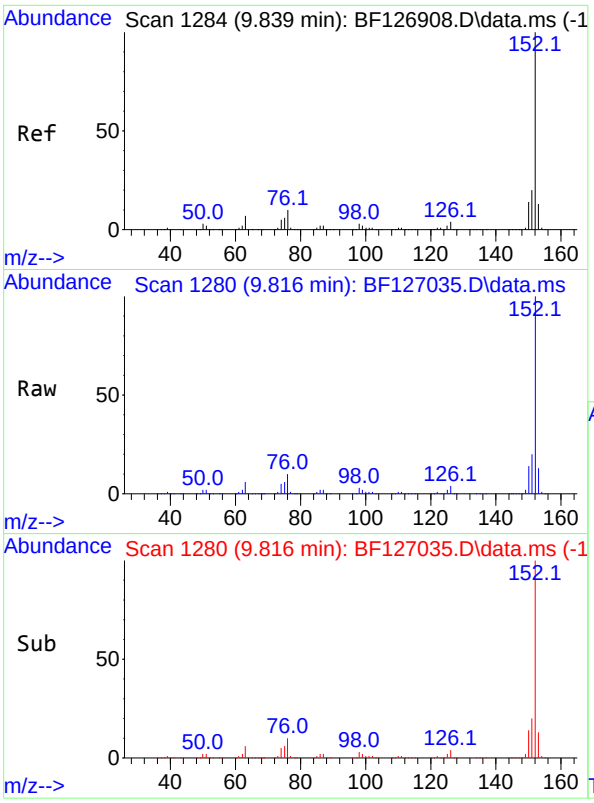


#48
2-Nitroaniline
Concen: 42.252 ng
RT: 9.492 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 65 Resp: 202714

Ion	Ratio	Lower	Upper
65	100		
92	64.3	54.4	81.6
138	89.0	72.5	108.7

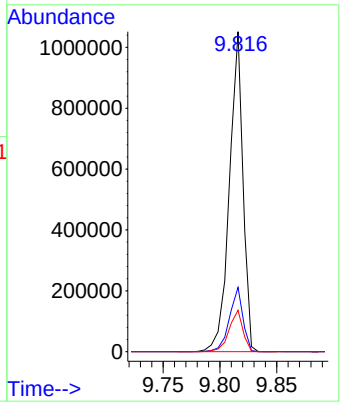




#49
Acenaphthylene
Concen: 44.337 ng
RT: 9.816 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:152 Resp: 87562

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.0	11.4	17.0



Instrument :
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ClientSampleId :
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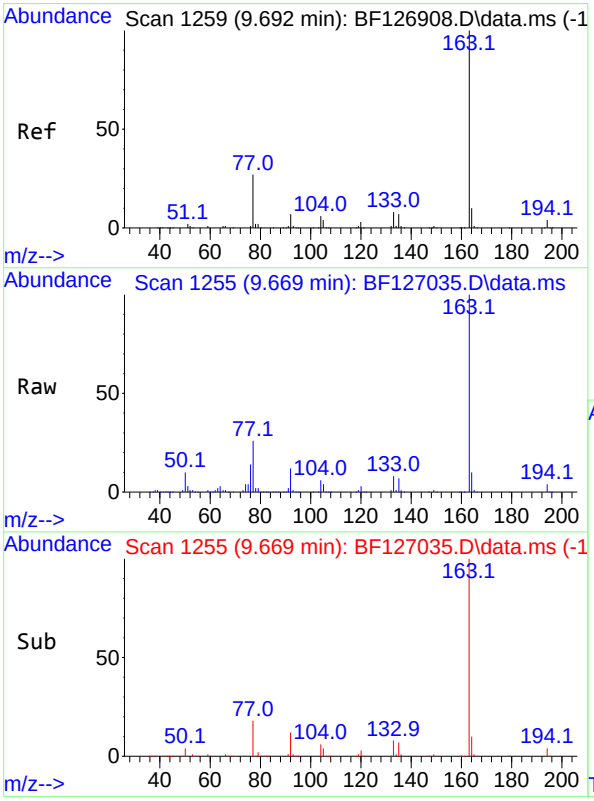
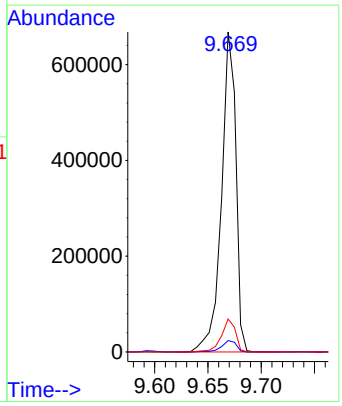
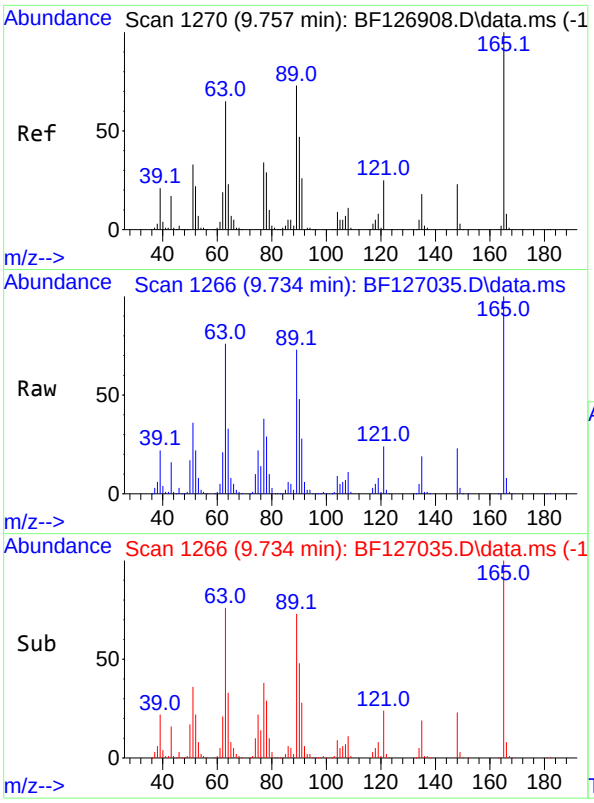


#50
Dimethylphthalate
Concen: 42.324 ng
RT: 9.669 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:163 Resp: 626034

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	3.8
164	10.3	7.8	11.8





#51
2,6-Dinitrotoluene
Concen: 46.189 ng
RT: 9.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:165 Resp: 13900

Ion	Ratio	Lower	Upper
165	100		
63	76.0	48.4	72.6
89	72.6	50.5	75.7

Instrument :
BNA_F
ClientSampleId :
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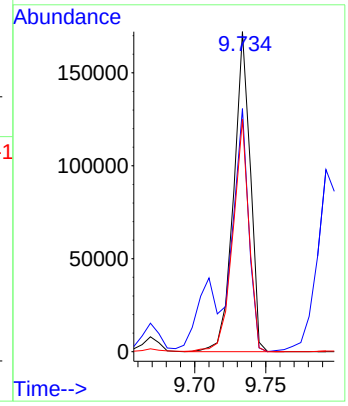
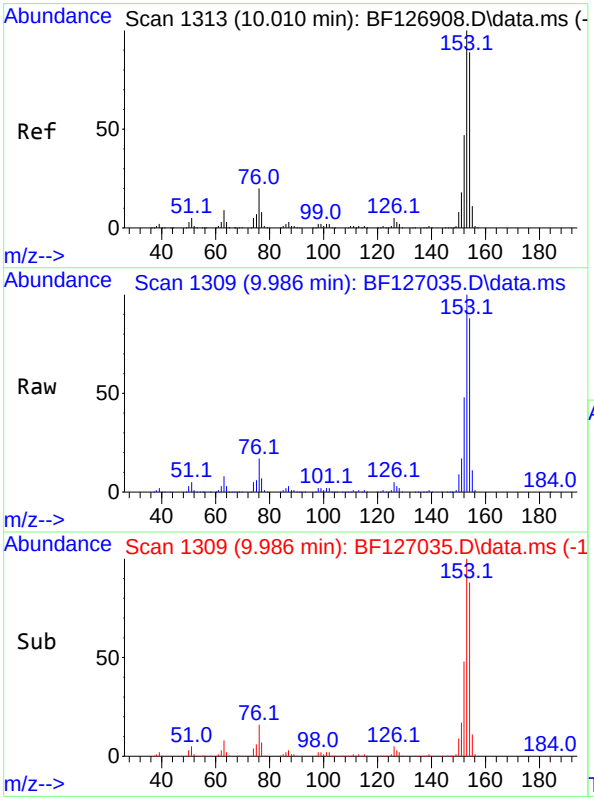
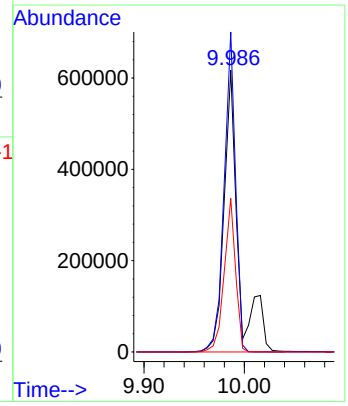


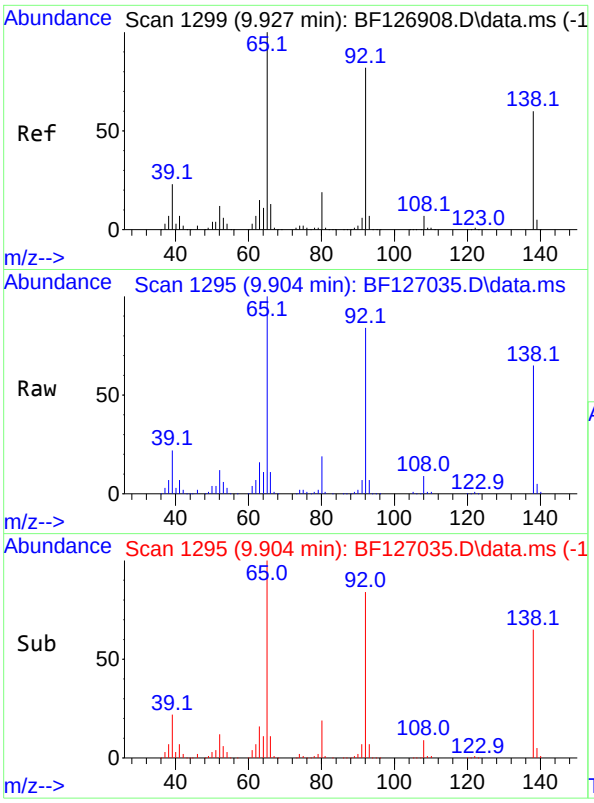


#52
Acenaphthene
Concen: 48.138 ng m
RT: 9.986 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:154 Resp: 618278

Ion	Ratio	Lower	Upper
154	100		
153	113.5	87.8	131.6
152	54.5	39.4	59.2





#53
3-Nitroaniline
Concen: 25.129 ng
RT: 9.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:138 Resp: 9243

Ion	Ratio	Lower	Upper
138	100		
108	13.2	8.6	13.0#
92	128.7	105.0	157.6

Instrument :
BNA_F
ClientSampleId :
PB142832BS

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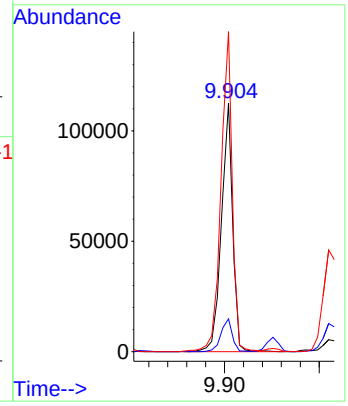
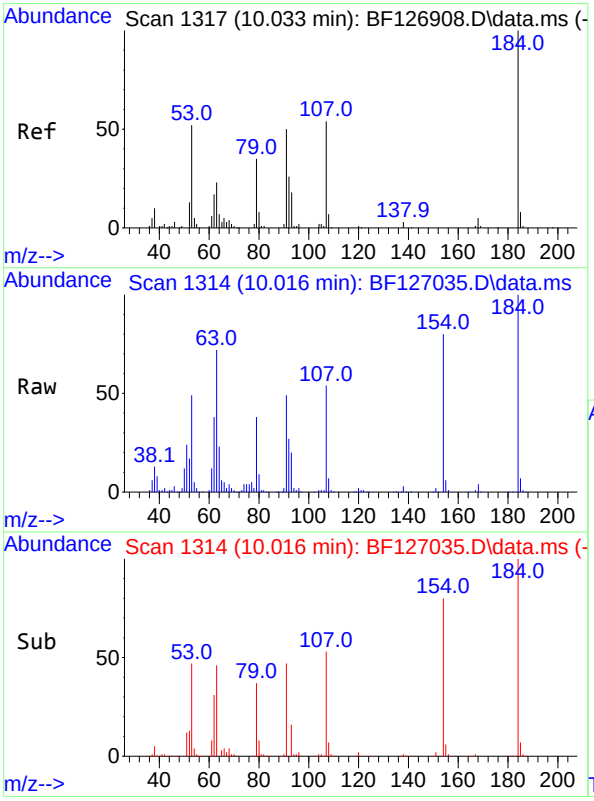
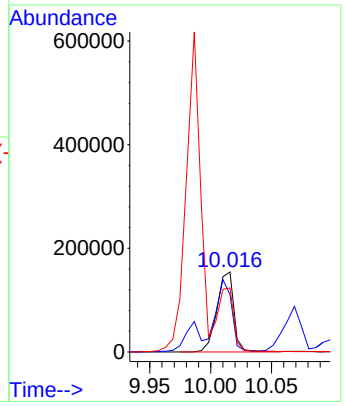


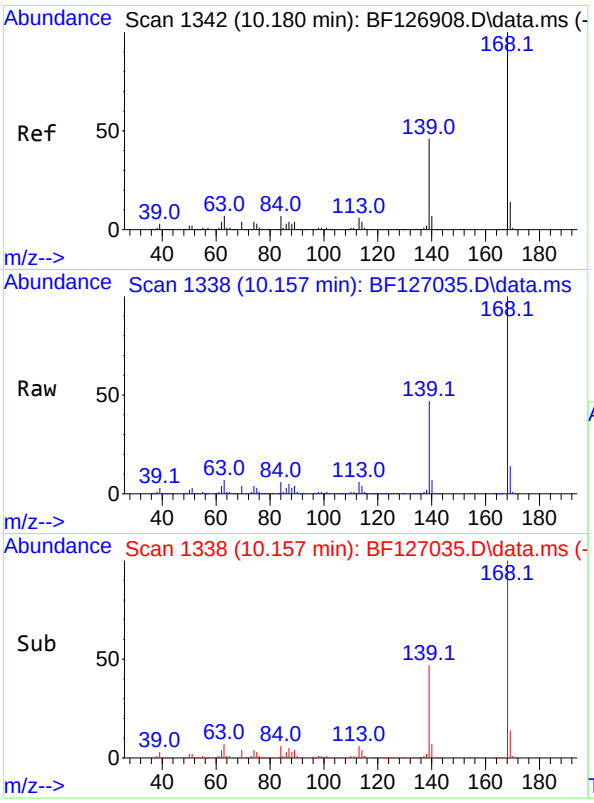


#54
2,4-Dinitrophenol
Concen: 94.394 ng
RT: 10.016 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:184 Resp: 150357

Ion	Ratio	Lower	Upper
184	100		
63	71.8	70.4	105.6
154	80.0	49.7	74.5#

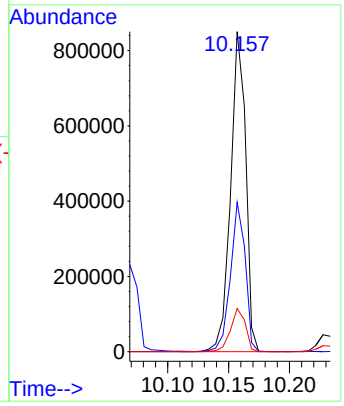




#55
Dibenzofuran
Concen: 41.415 ng
RT: 10.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:168 Resp: 73143

Ion	Ratio	Lower	Upper
168	100		
139	46.7	30.6	46.0#
169	13.5	10.0	15.0



Instrument :
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ClientSampleId :
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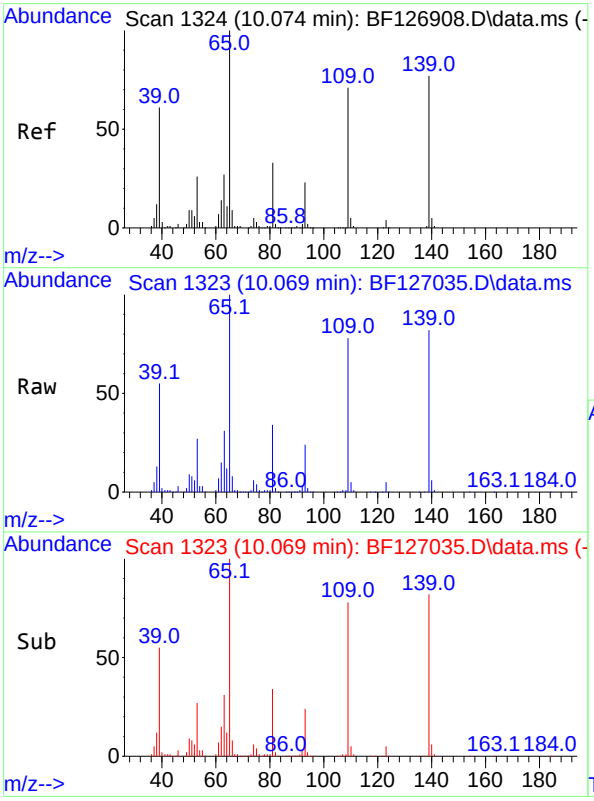
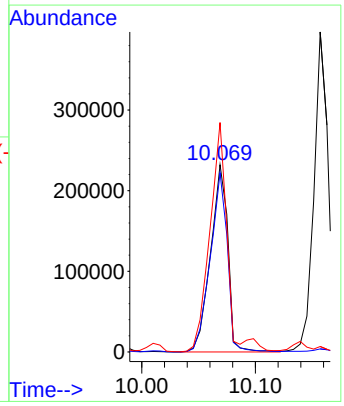
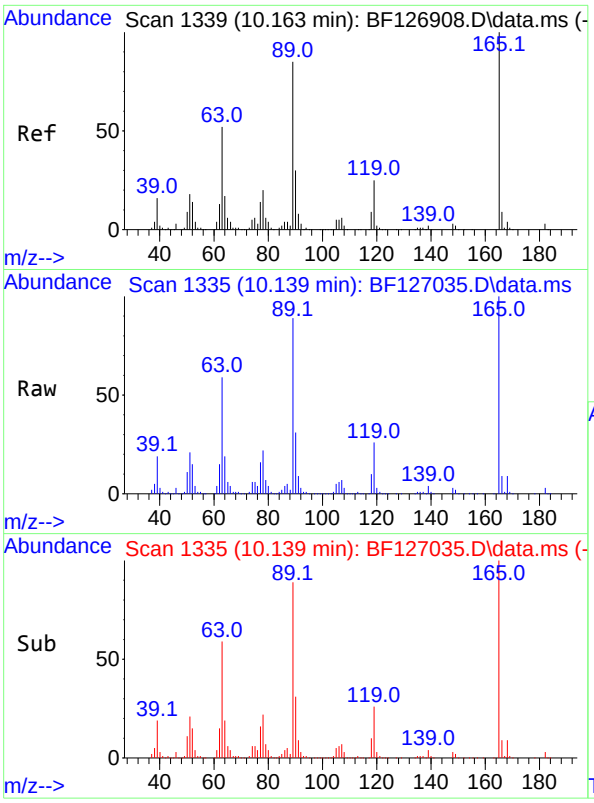


#56
4-Nitrophenol
Concen: 90.628 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:139 Resp: 246234

Ion	Ratio	Lower	Upper
139	100		
109	95.8	44.1	84.1#
65	122.6	85.5	125.5

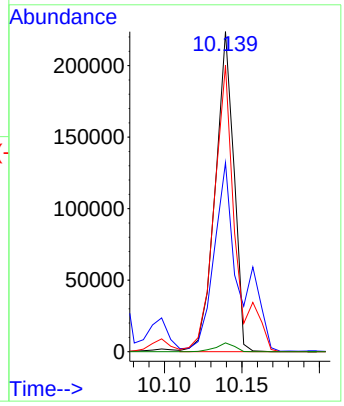




#57
2,4-Dinitrotoluene
Concen: 45.904 ng
RT: 10.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:165 Resp: 18678

Ion	Ratio	Lower	Upper
165	100		
63	59.1	43.0	64.6
89	89.5	71.0	106.4
182	2.8	1.6	2.4#



Instrument :
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ClientSampleId :
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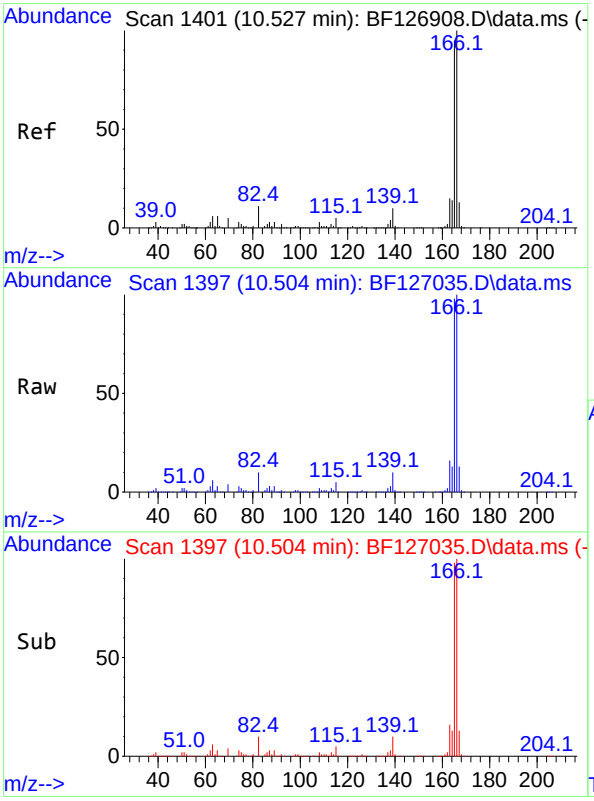
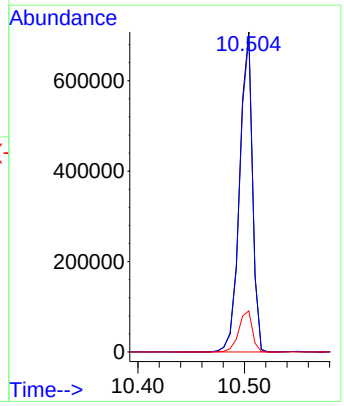
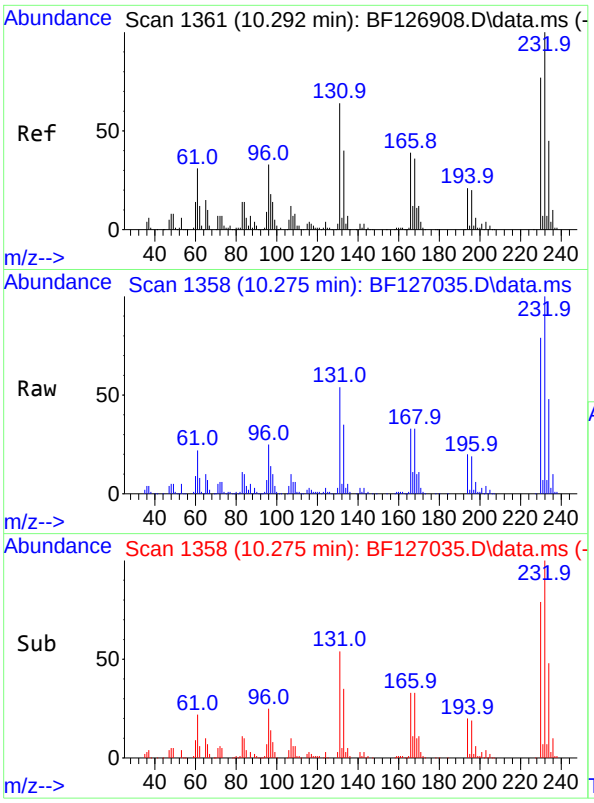


#58
Fluorene
Concen: 43.303 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:166 Resp: 595720

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.7	116.5
167	12.9	10.7	16.1

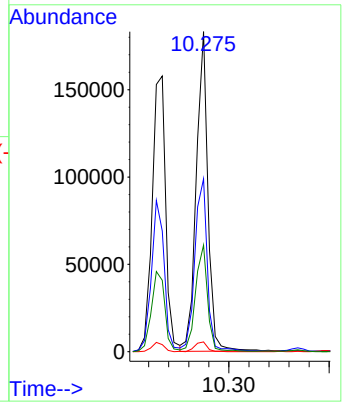




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.148 ng
RT: 10.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:232 Resp: 14715

Ion	Ratio	Lower	Upper
232	100		
131	58.2	50.0	75.0
130	3.3	2.2	3.2
166	34.3	29.0	43.4



Instrument :
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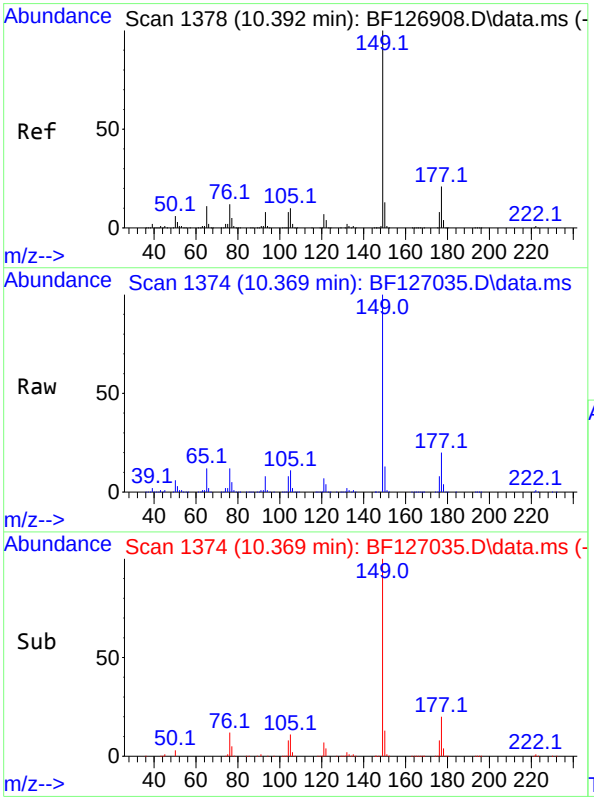
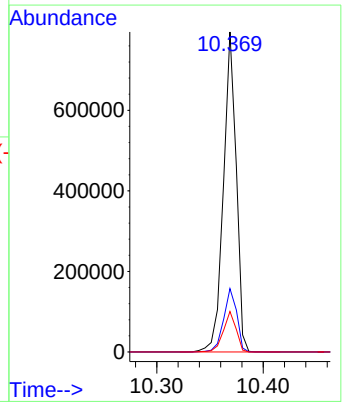
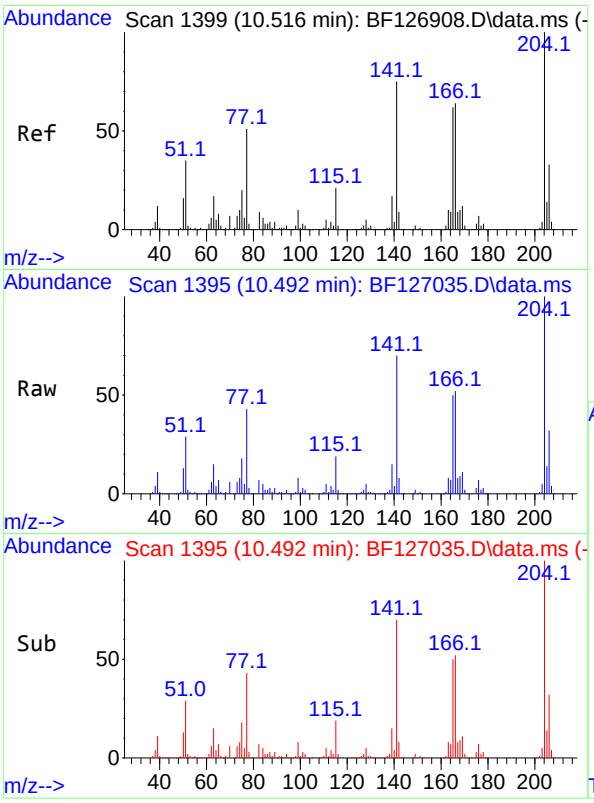


#60
Diethylphthalate
Concen: 42.699 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:149 Resp: 659952

Ion	Ratio	Lower	Upper
149	100		
177	19.8	16.7	25.1
150	12.7	9.8	14.8

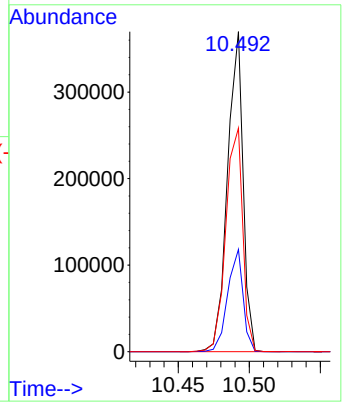




#61
4-Chlorophenyl-phenylether
Concen: 43.464 ng
RT: 10.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:204 Resp: 28194

Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.3	39.5
141	69.9	59.0	88.6



Instrument :
BNA_F
ClientSampleId :
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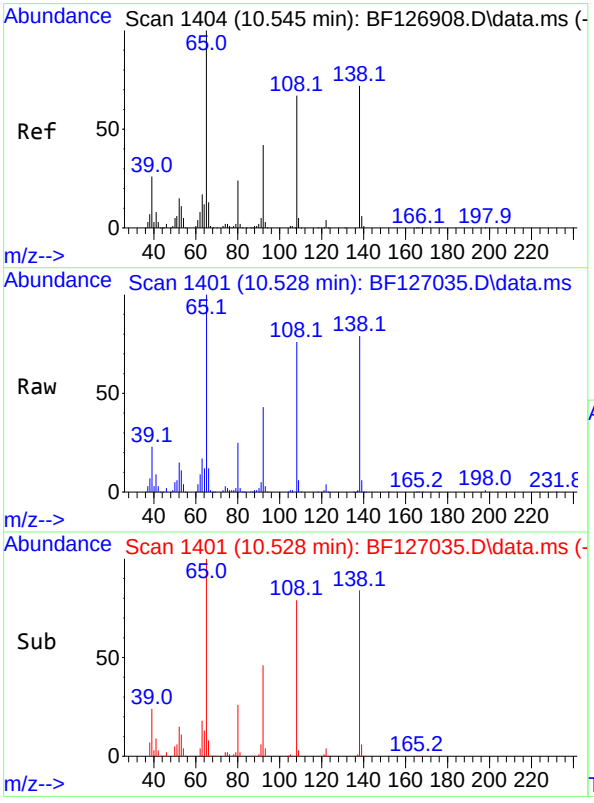
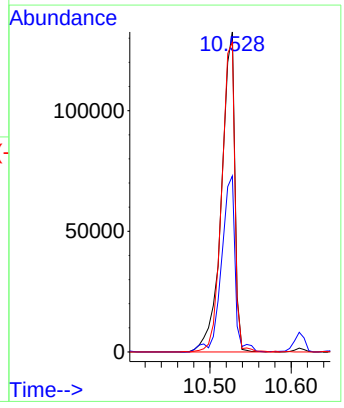
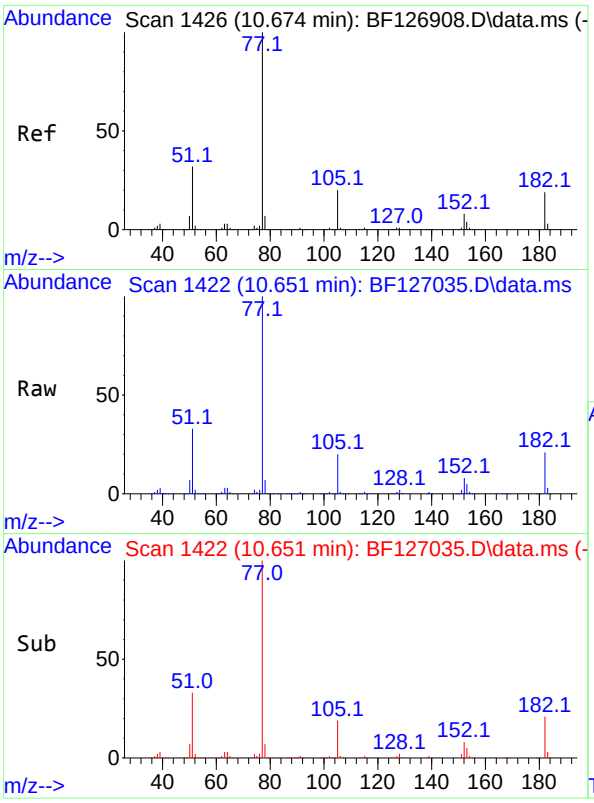


#62
4-Nitroaniline
Concen: 41.901 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:138 Resp: 152210

Ion	Ratio	Lower	Upper
138	100		
92	55.0	36.2	76.2
108	96.8	46.7	86.7#

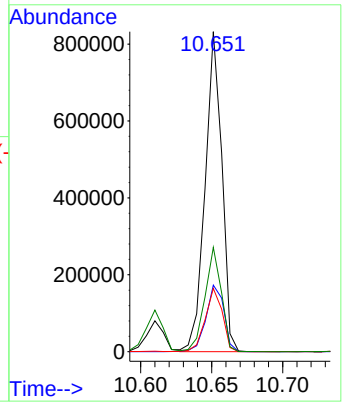




#63
Azobenzene
Concen: 39.730 ng
RT: 10.651 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion: 77 Resp: 68376

Ion	Ratio	Lower	Upper
77	100		
182	20.8	0.0	39.0
105	19.8	3.2	43.2
51	32.6	8.2	48.2



Instrument :
BNA_F
ClientSampleId :
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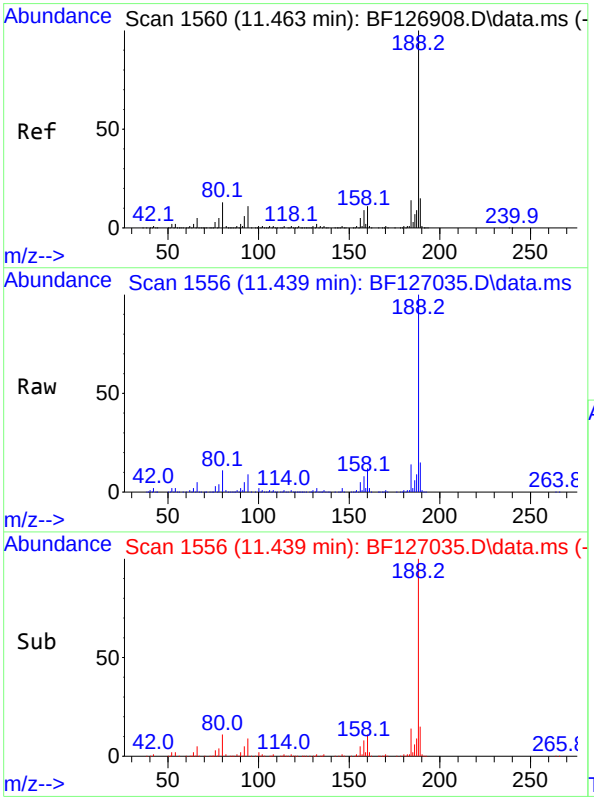
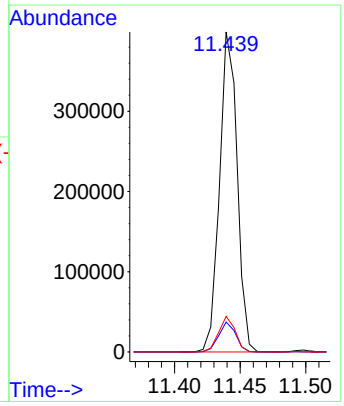
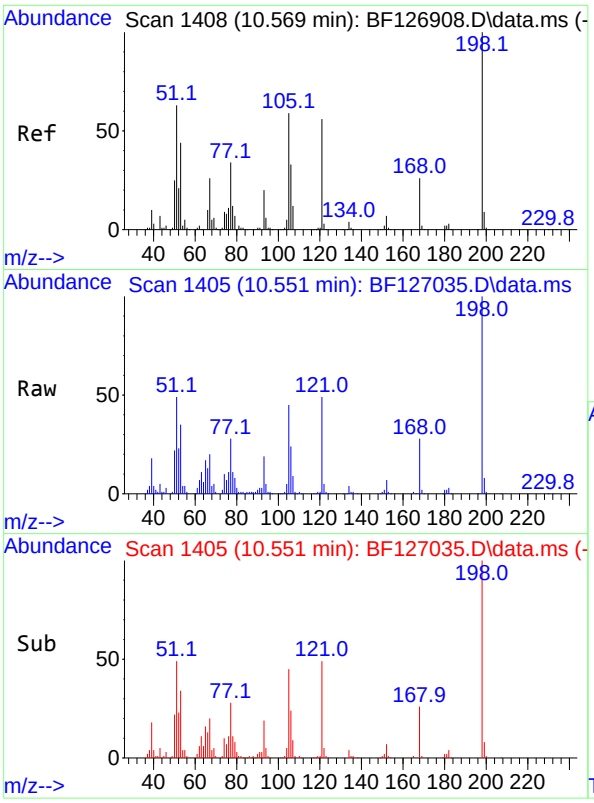


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:188 Resp: 371613

Ion	Ratio	Lower	Upper
188	100		
94	9.3	10.1	15.1#
80	11.1	11.8	17.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 41.629 ng
RT: 10.551 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:198 Resp: 9089

Ion	Ratio	Lower	Upper
198	100		
51	48.6	32.0	72.0
105	44.6	32.7	72.7

Instrument :
BNA_F
ClientSampleId :
PB142832BS

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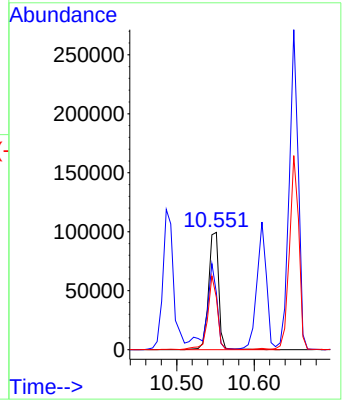
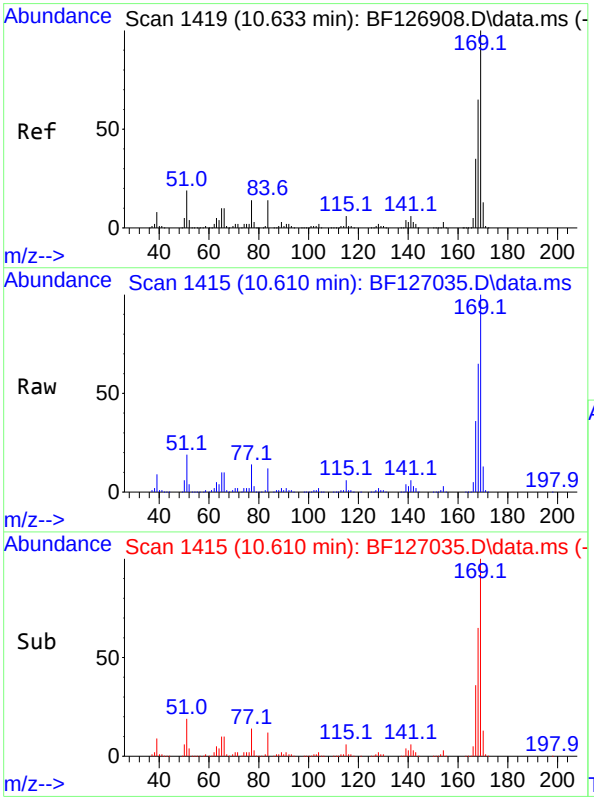
Supervised By :Jagrut Upadhyay 02/24/2022

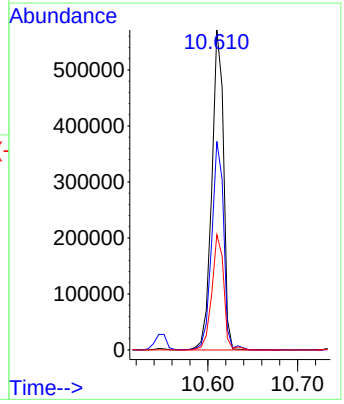


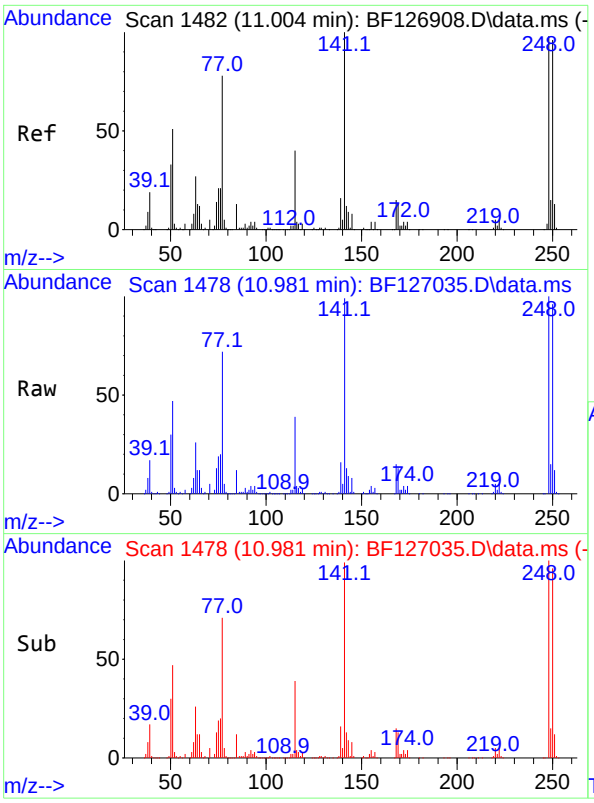


#66
n-Nitrosodiphenylamine
Concen: 42.567 ng
RT: 10.610 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:169 Resp: 518699

Ion	Ratio	Lower	Upper
169	100		
168	65.2	53.4	80.0
167	36.0	29.4	44.0





#67
4-Bromophenyl-phenylether
Concen: 43.324 ng
RT: 10.981 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:248 Resp: 17988

Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.2	114.4
141	98.6	66.2	99.4

Instrument :
BNA_F
ClientSampleId :
PB142832BS

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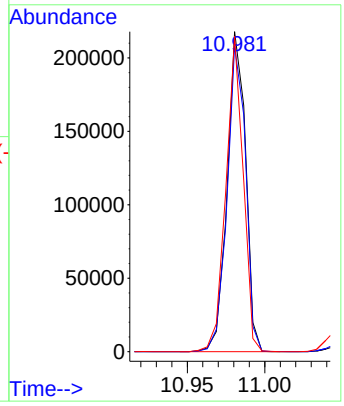
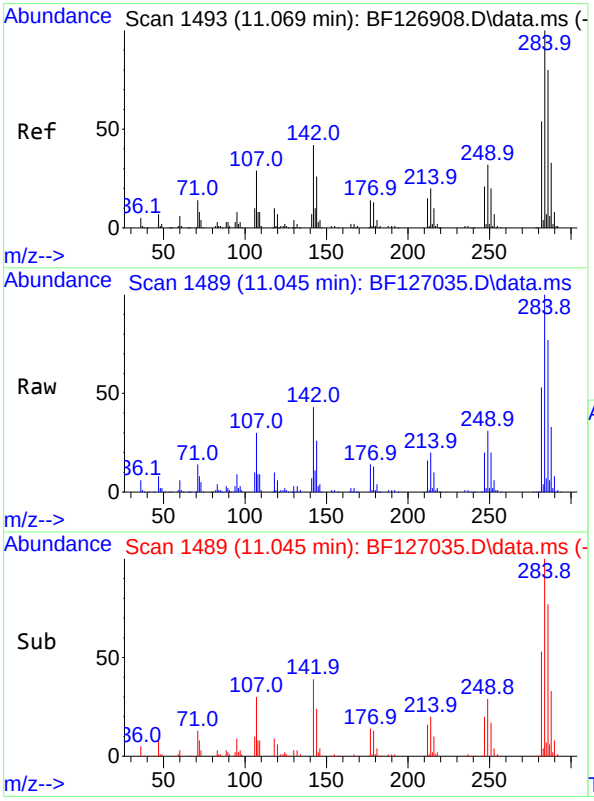
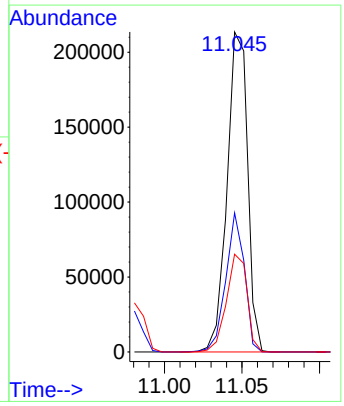


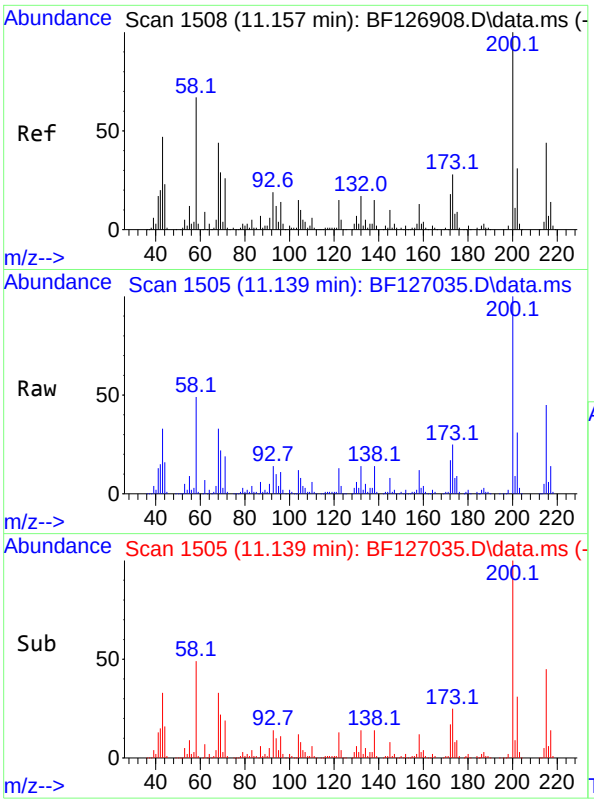


#68
Hexachlorobenzene
Concen: 44.039 ng
RT: 11.045 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:284 Resp: 196849

Ion	Ratio	Lower	Upper
284	100		
142	43.5	30.7	46.1
249	30.6	21.1	31.7

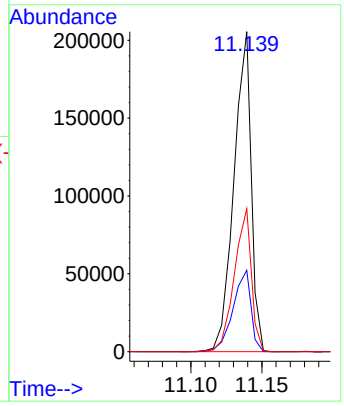




#69
Atrazine
Concen: 46.106 ng
RT: 11.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:200 Resp: 17425

Ion	Ratio	Lower	Upper
200	100		
173	25.5	9.2	49.2
215	44.6	23.2	63.2



Instrument :
BNA_F
ClientSampleId :
PB142832BS

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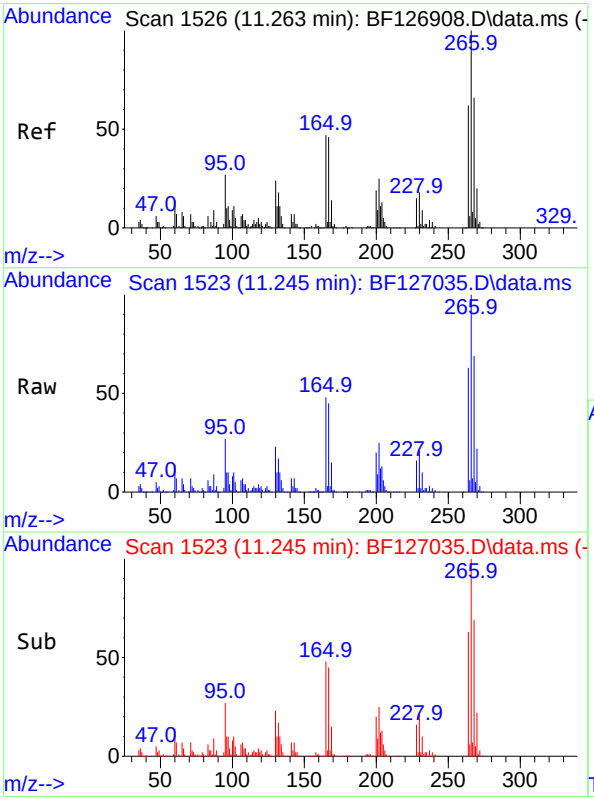
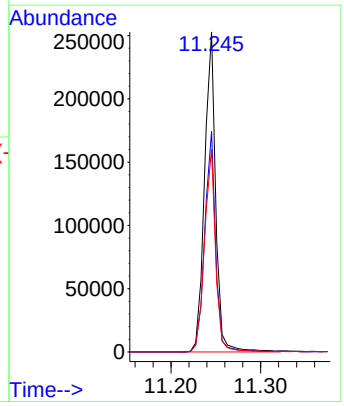
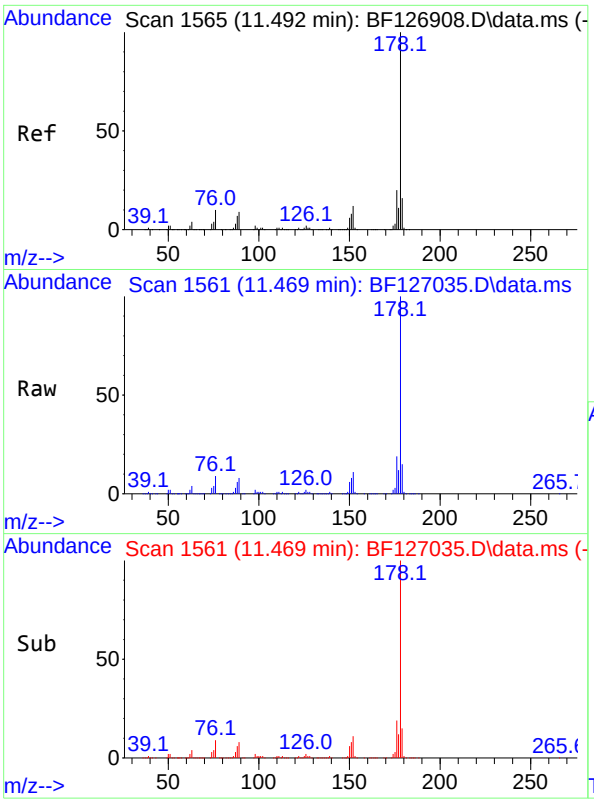


#70
Pentachlorophenol
Concen: 89.475 ng
RT: 11.245 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:266 Resp: 218320

Ion	Ratio	Lower	Upper
266	100		
268	69.0	52.3	78.5
264	63.4	50.4	75.6

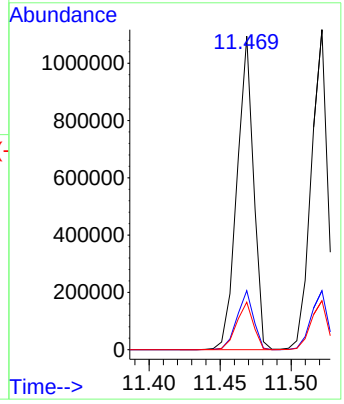




#71
Phenanthrene
Concen: 42.772 ng
RT: 11.469 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:178 Resp: 88965

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.2	12.3	18.5



Instrument :
BNA_F
ClientSampleId :
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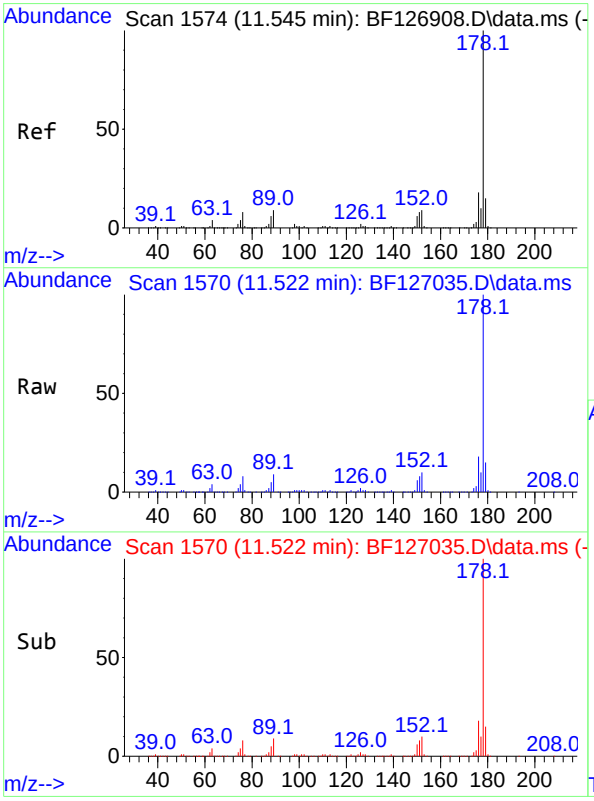
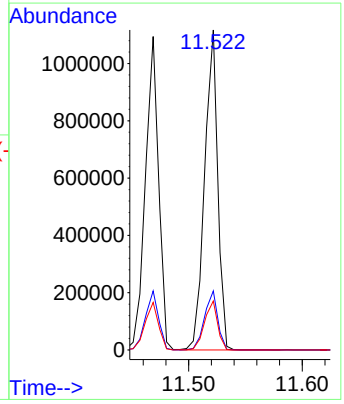
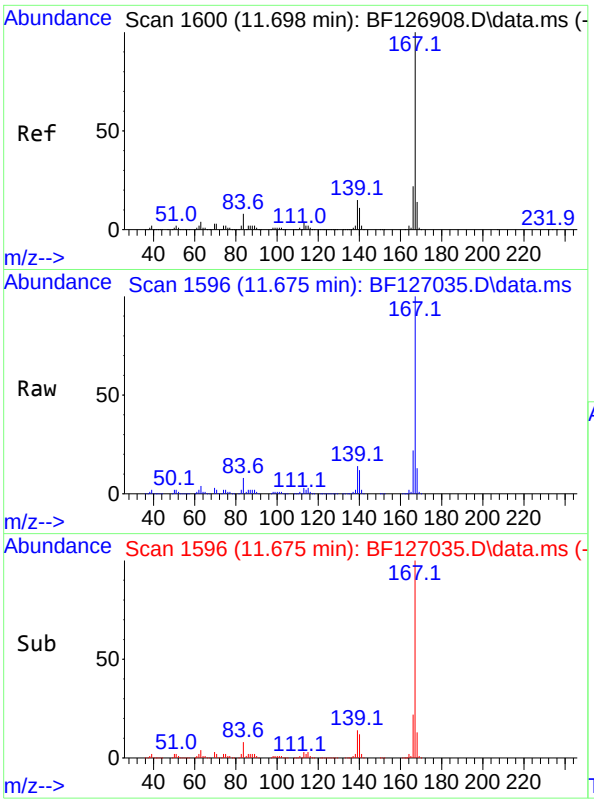


#72
Anthracene
Concen: 43.068 ng
RT: 11.522 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:178 Resp: 891796

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.3	12.5	18.7

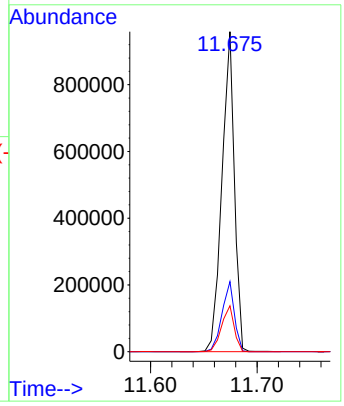




#73
Carbazole
Concen: 40.938 ng
RT: 11.675 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:167 Resp: 77737

Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.9	25.3
139	14.4	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
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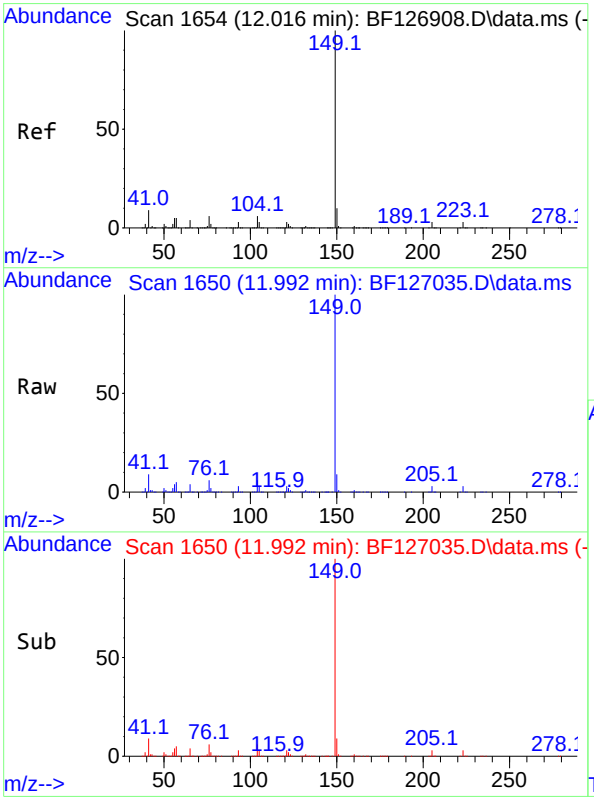
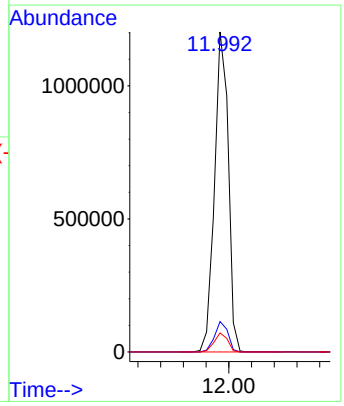
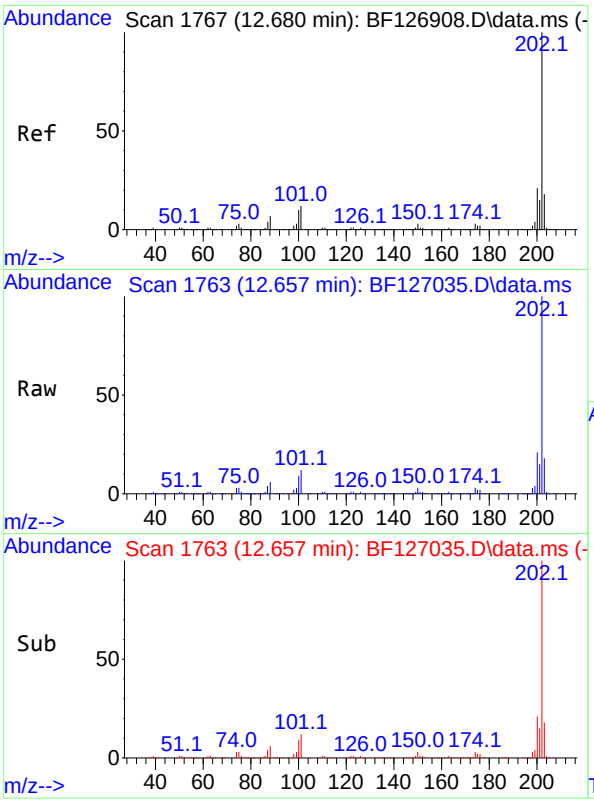


#74
Di-n-butylphthalate
Concen: 41.468 ng
RT: 11.992 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:149 Resp: 1012306

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	6.0	4.2	6.2





#75
Fluoranthene
Concen: 43.665 ng
RT: 12.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:202 Resp: 86235

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	35.7
203	17.5	0.0	37.1

Instrument :
BNA_F
ClientSampleId :
PB142832BS

Manual Integrations
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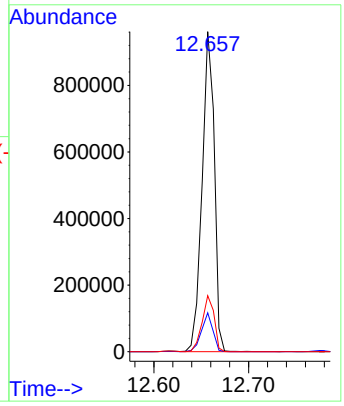
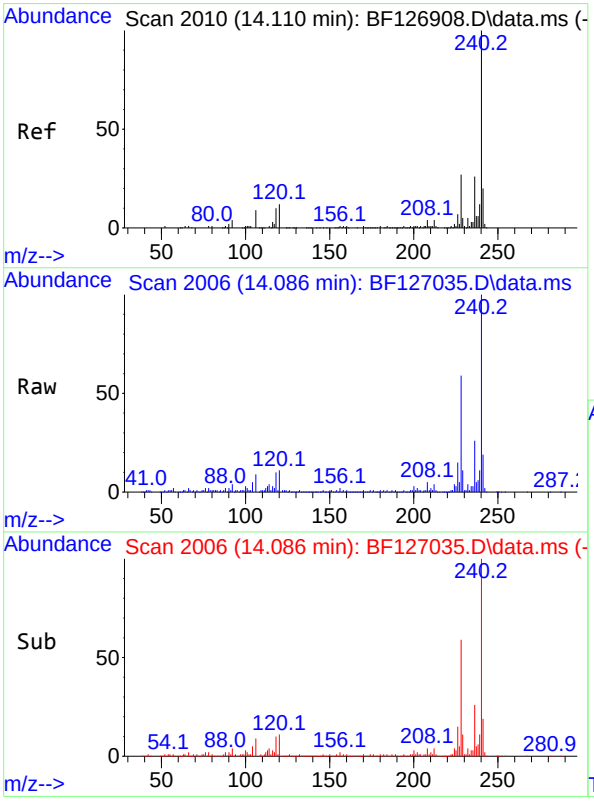
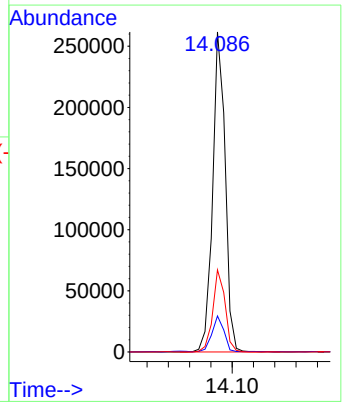


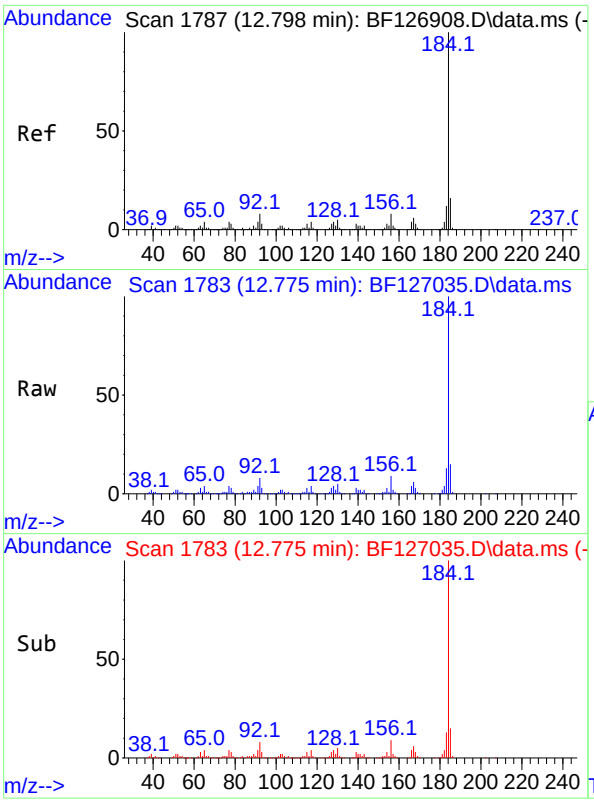


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:240 Resp: 214539

Ion	Ratio	Lower	Upper
240	100		
120	11.2	14.4	21.6#
236	25.7	20.5	30.7

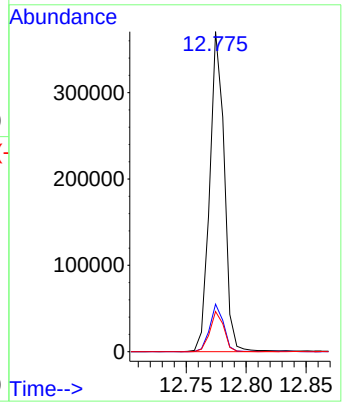




#77
Benzidine
Concen: 53.419 ng m
RT: 12.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:184 Resp: 31144

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.8
183	12.6	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
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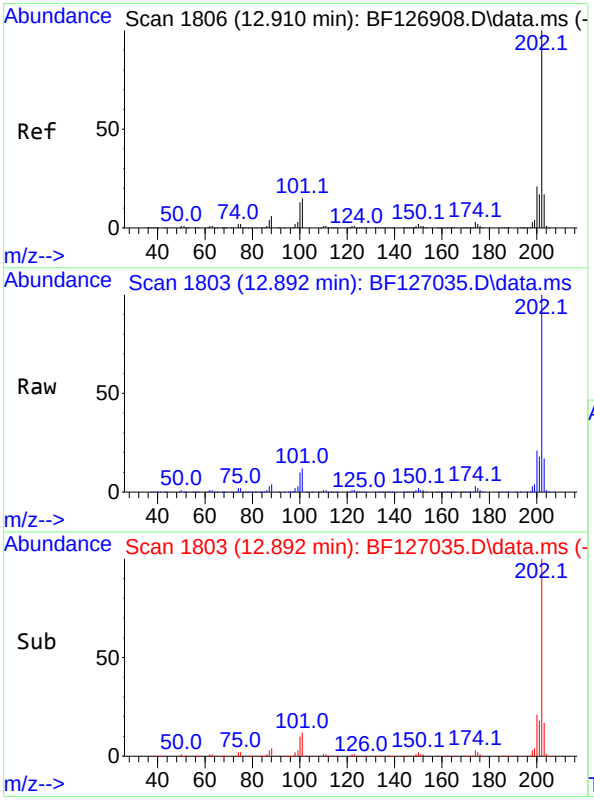
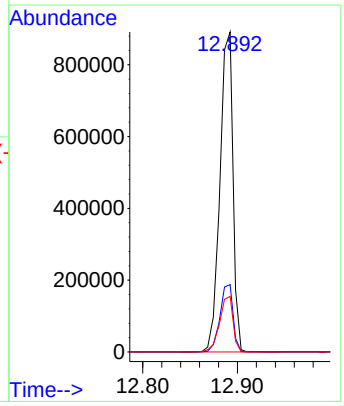
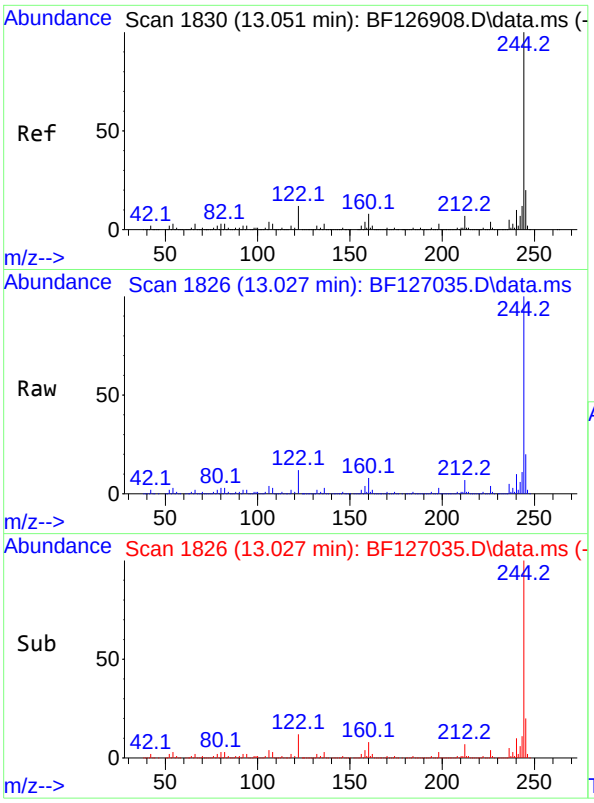


#78
Pyrene
Concen: 45.839 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:202 Resp: 854393

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	17.4	13.8	20.8

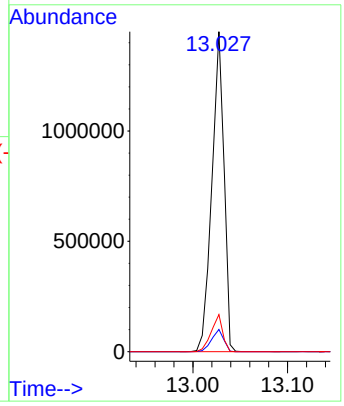




#79
Terphenyl-d14
Concen: 87.963 ng
RT: 13.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:244 Resp: 128373

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.4
122	11.6	13.3	19.9



Instrument :
BNA_F
ClientSampleId :
PB142832BS

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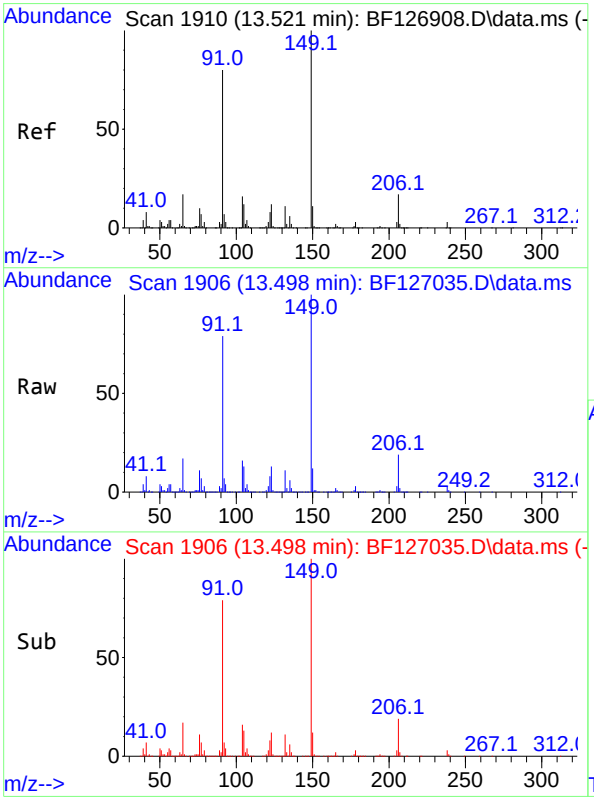
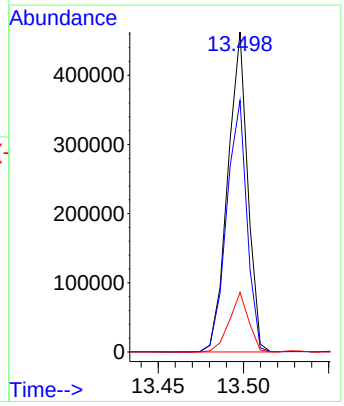
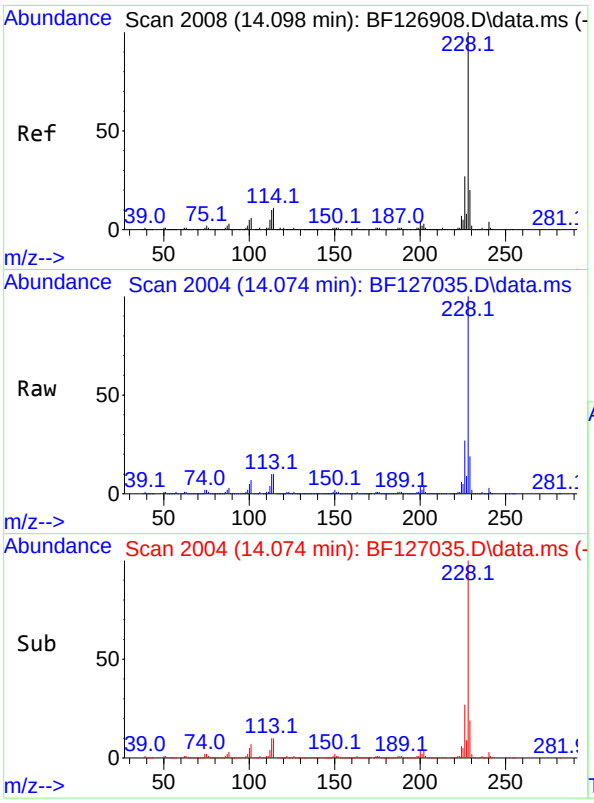


#80
Butylbenzylphthalate
Concen: 42.667 ng
RT: 13.498 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:149 Resp: 376492

Ion	Ratio	Lower	Upper
149	100		
91	78.5	70.5	105.7
206	18.6	12.6	19.0





#81
Benzo(a)anthracene
Concen: 42.507 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:228 Resp: 61479

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	19.3	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
PB142832BS

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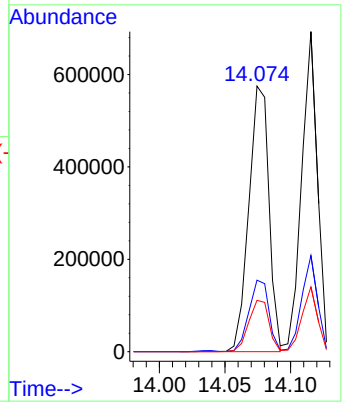
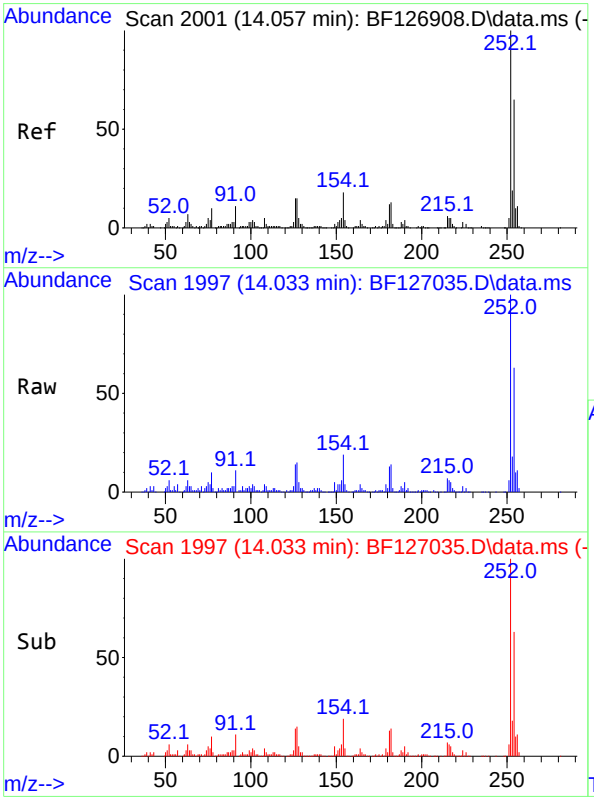
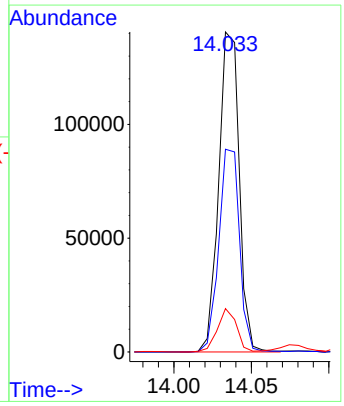


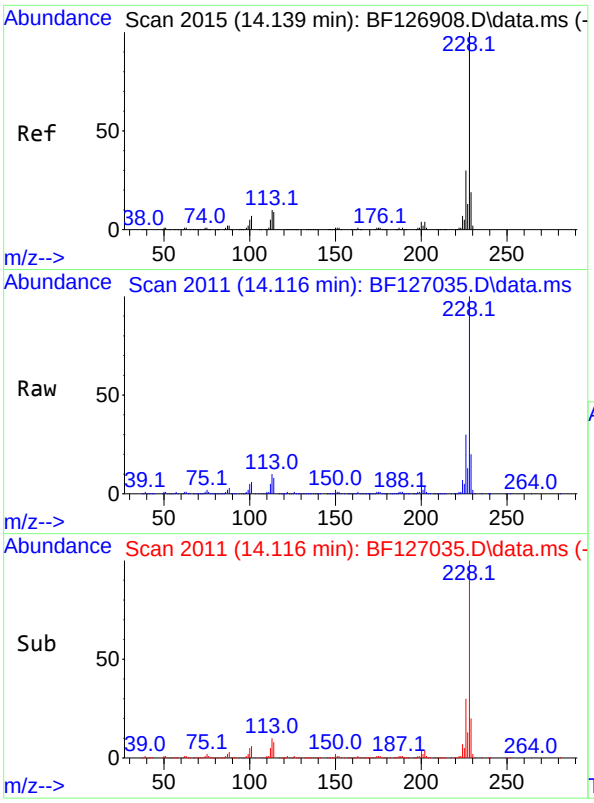


#82
3,3'-Dichlorobenzidine
Concen: 28.390 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:252 Resp: 129404

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.0	76.4
126	13.6	13.4	20.0

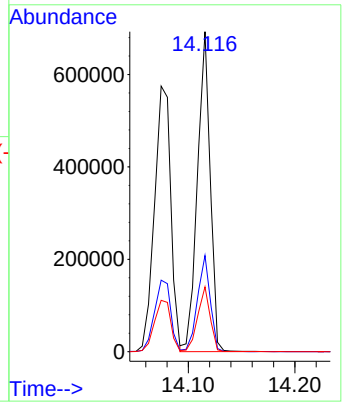




#83
Chrysene
Concen: 42.540 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:228 Resp: 57858

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	20.3	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
PB142832BS

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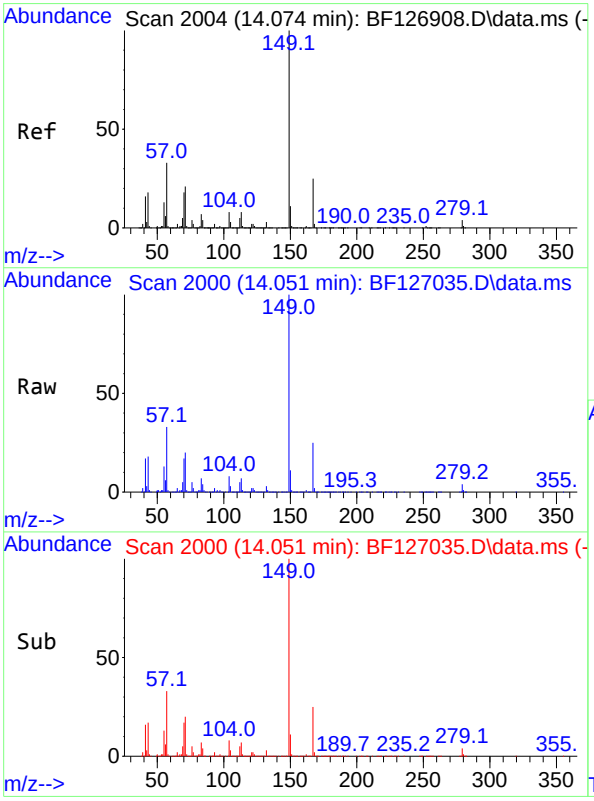
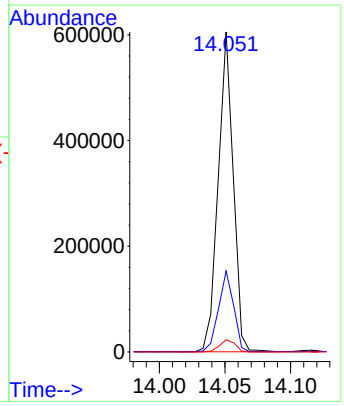
Supervised By :Jagrut Upadhyay 02/24/2022

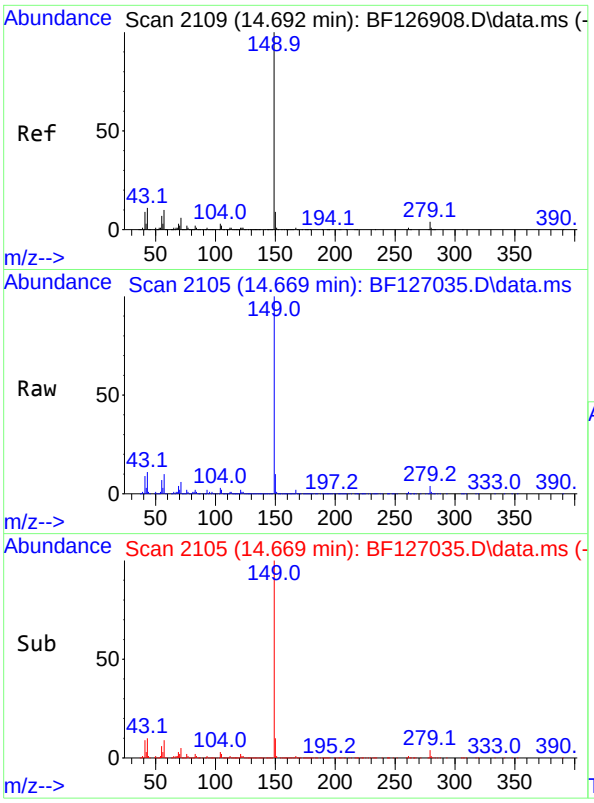


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.577 ng
RT: 14.051 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:149 Resp: 481658

Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.4	32.2
279	3.8	2.4	3.6#





#85
Di-n-octyl phthalate
Concen: 40.851 ng
RT: 14.669 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:149 Resp: 68137

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.0	9.9	14.9

Instrument :
BNA_F
ClientSampleId :
PB142832BS

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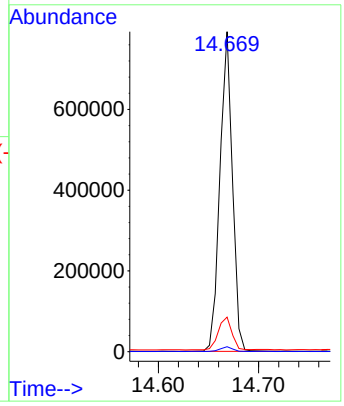
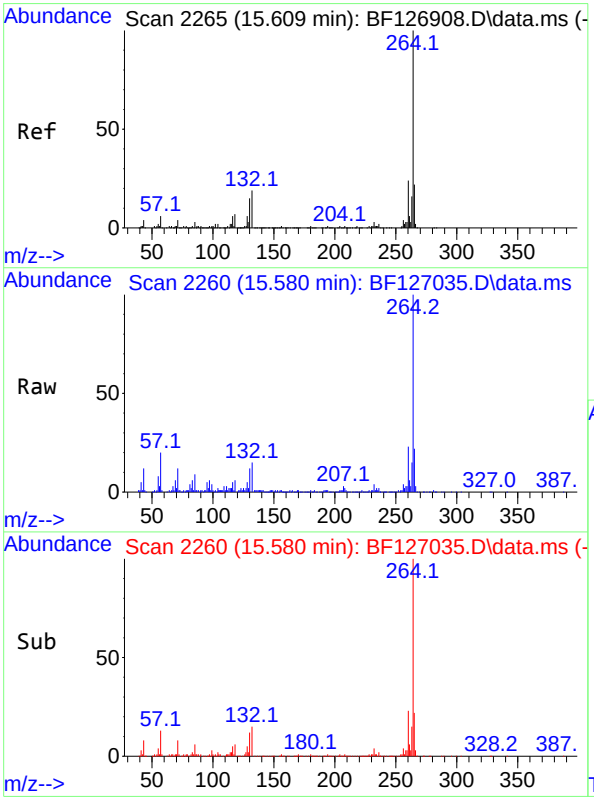
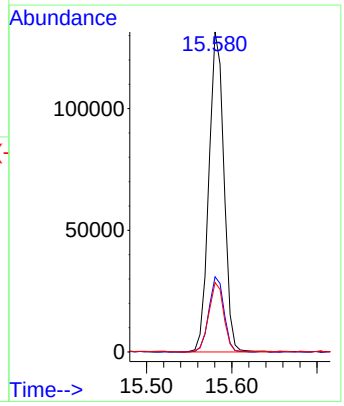


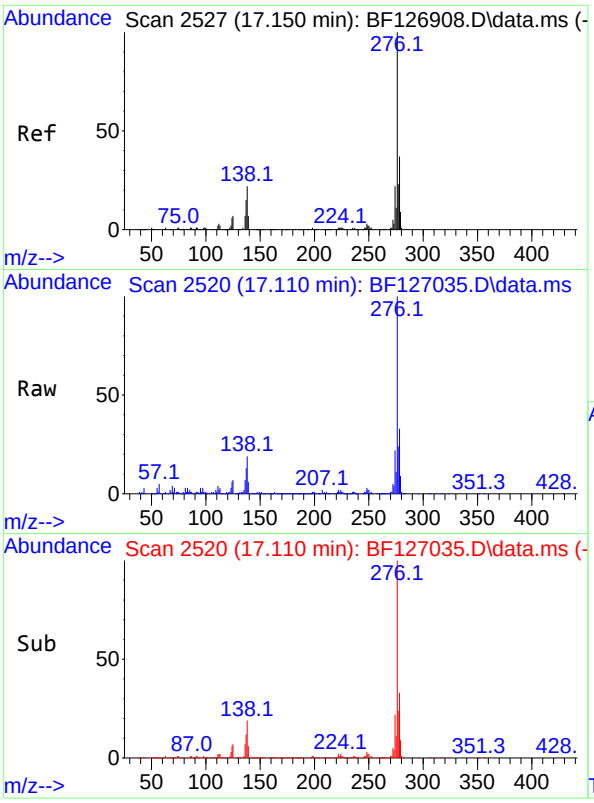


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:264 Resp: 161274

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.4	26.2

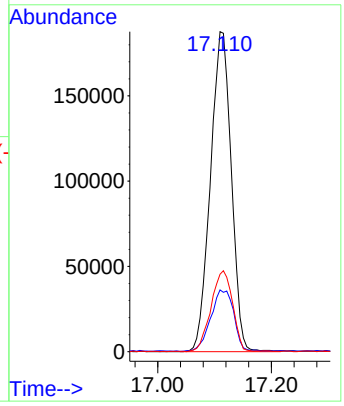




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.222 ng
RT: 17.110 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:276 Resp: 47822

Ion	Ratio	Lower	Upper
276	100		
138	21.2	29.2	43.8#
277	26.3	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
PB142832BS

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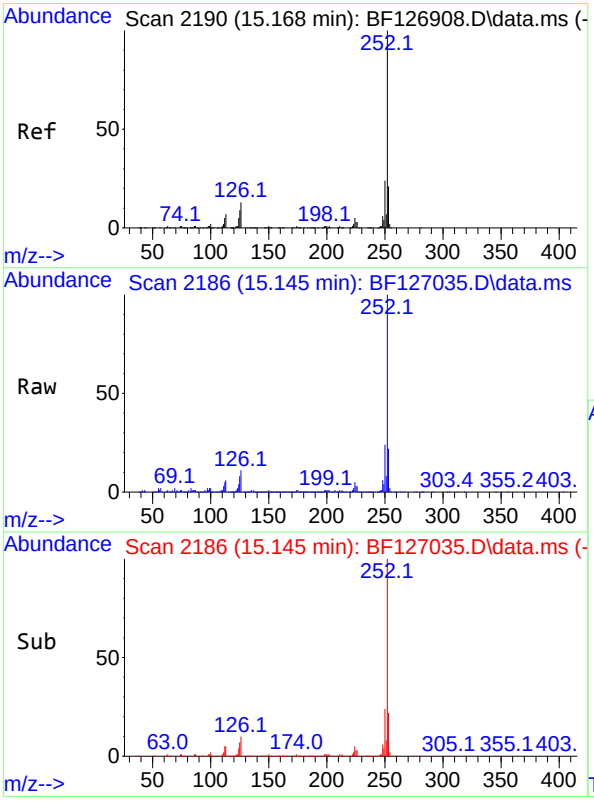
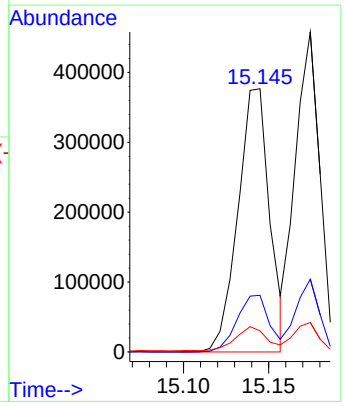
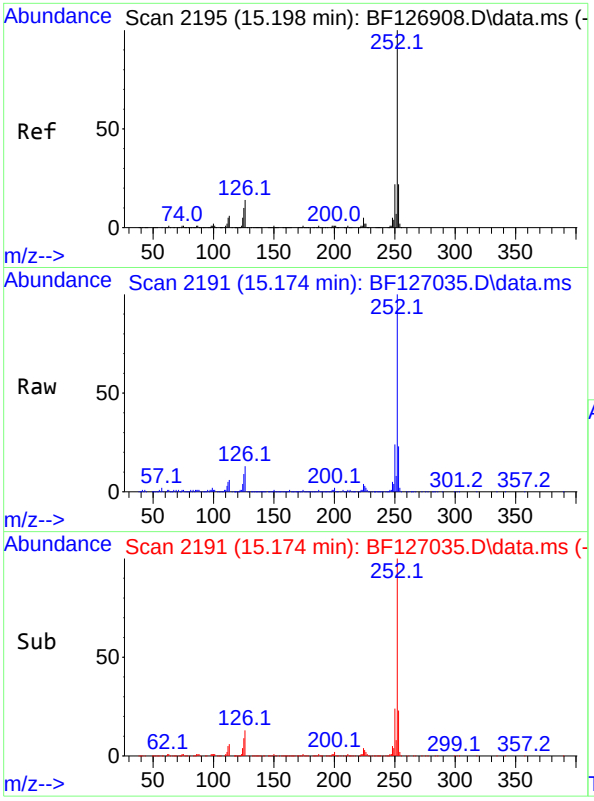


#88
Benzo(b)fluoranthene
Concen: 44.975 ng
RT: 15.145 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:252 Resp: 487162

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	8.0	12.4	18.6#





#89
Benzo(k)fluoranthene
Concen: 44.061 ng
RT: 15.174 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:252 Resp: 46033

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.2	11.8	17.6#

Instrument :
BNA_F
ClientSampleId :
PB142832BS

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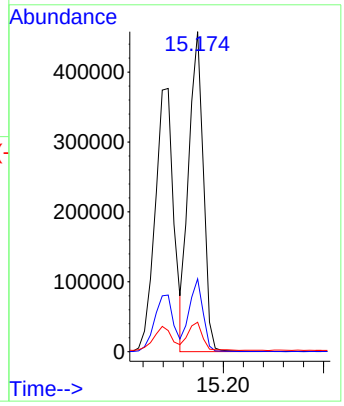
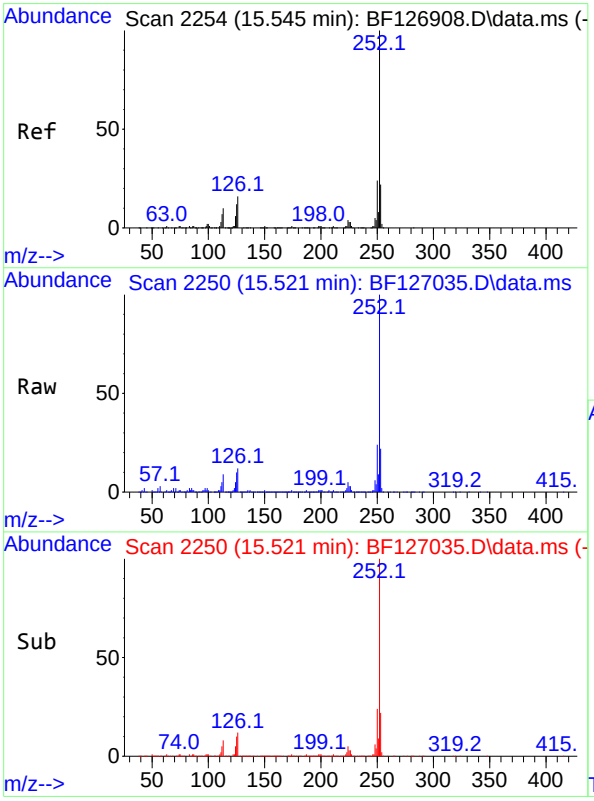
Supervised By :Jagrut Upadhyay 02/24/2022

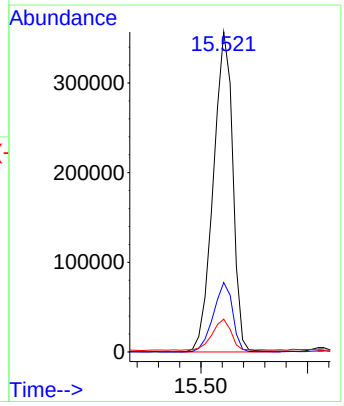


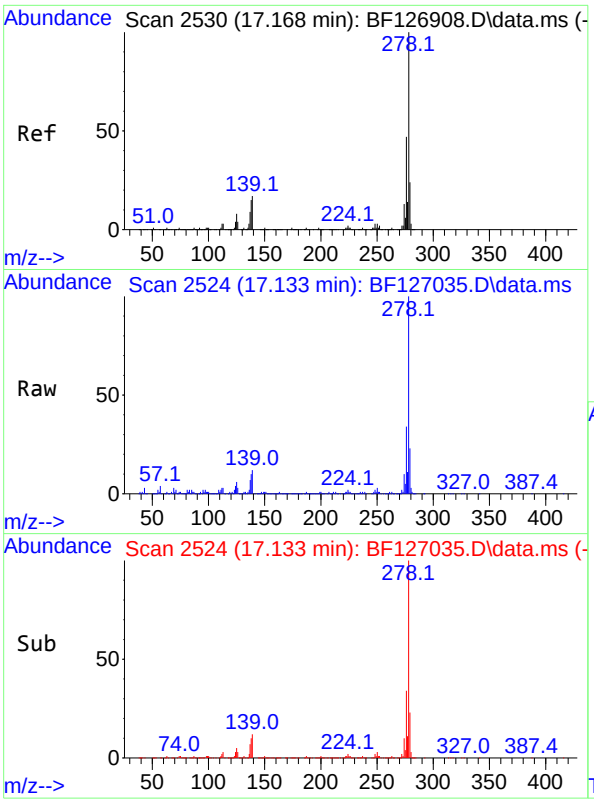


#90
Benzo(a)pyrene
Concen: 53.434 ng
RT: 15.521 min Scan# 2250
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:252 Resp: 452085

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	10.2	13.0	19.6#





#91
Dibenzo(a,h)anthracene
Concen: 47.465 ng
RT: 17.133 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:278 Resp: 41513

Ion	Ratio	Lower	Upper
278	100		
139	11.9	18.0	27.0#
279	22.7	18.6	27.8

Instrument :
BNA_F
ClientSampleId :
PB142832BS

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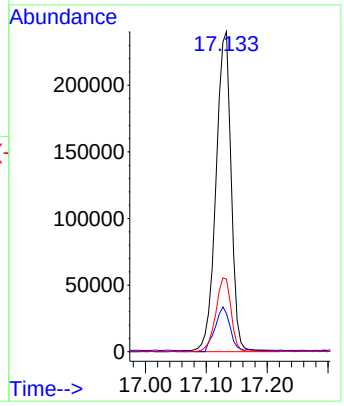
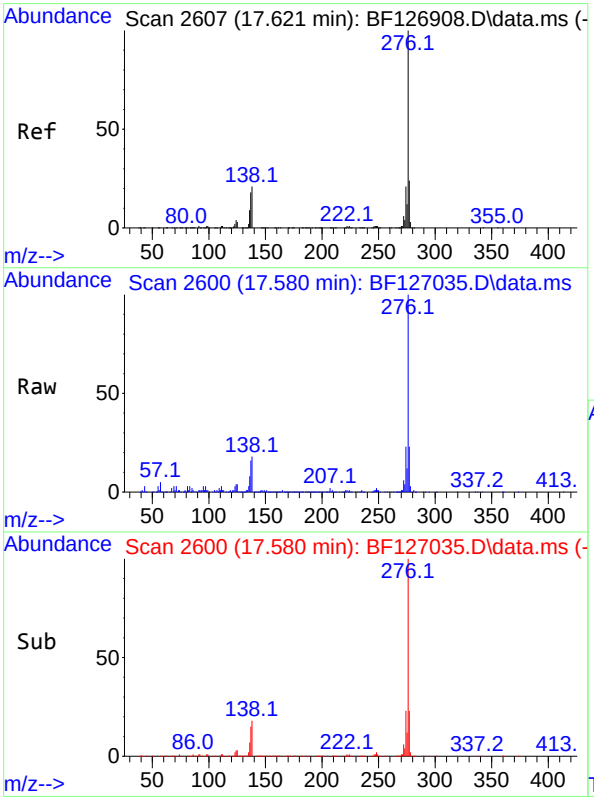
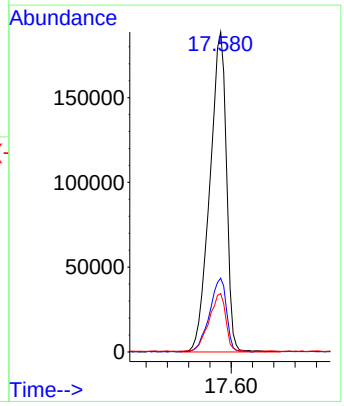




#92
Benzo(g,h,i)perylene
Concen: 47.307 ng
RT: 17.580 min Scan# 2600
Delta R.T. 0.000 min
Lab File: BF127035.D
Acq: 23 Feb 2022 13:01

Tgt Ion:276 Resp: 407901

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	18.3	25.9	38.9#