Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
Data File : BF124207.D
Acq On : 9 Jun 2021 13:59
Operator : JU/CG
Sample : PB136822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB136822BS

Quant Time: Jun 09 14:35:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 14:34:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	41686	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	162304	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	93703	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	176519	20.000	ng	#	0.00
76) Chrysene-d12	14.021	240	106138	20.000	ng	#	0.00
86) Perylene-d12	15.492	264	80103	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	342163	123.560	ng		0.01
7) Phenol-d6	6.504	99	411415	110.529	ng		0.00
23) Nitrobenzene-d5	7.416	82	315848	77.182	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	151550	114.158	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	584720	78.524	ng		0.00
79) Terphenyl-d14	12.963	244	631557	81.696	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	37833	31.218	ng		97
3) Pyridine	3.451	79	98847	31.848	ng		85
4) n-Nitrosodimethylamine	3.410	42	70831	38.407	ng		94
6) Aniline	6.516	93	125494	29.517	ng	#	1
8) 2-Chlorophenol	6.640	128	129574	42.051	ng		98
9) Benzaldehyde	6.398	77	45581	27.549	ng		90
10) Phenol	6.510	94	161149	40.060	ng	#	65
11) bis(2-Chloroethyl)ether	6.587	93	130828	44.613	ng		91
12) 1,3-Dichlorobenzene	6.792	146	147695	41.001	ng		92
13) 1,4-Dichlorobenzene	6.869	146	151162	41.836	ng		96
14) 1,2-Dichlorobenzene	7.022	146	143479	41.510	ng		97
15) Benzyl Alcohol	6.998	79	128022	38.152	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	176614	38.606	ng	#	33
17) 2-Methylphenol	7.116	107	106182	42.391	ng	#	84
18) Hexachloroethane	7.363	117	57437	40.366	ng	#	79
19) n-Nitroso-di-n-propyla...	7.269	70	108780	41.399	ng	#	85
20) 3+4-Methylphenols	7.269	107	140362	42.291	ng		87
22) Acetophenone	7.263	105	200219	43.273	ng	#	91
24) Nitrobenzene	7.434	77	155297	37.828	ng		96
25) Isophorone	7.675	82	266022	36.074	ng	#	95
26) 2-Nitrophenol	7.751	139	72300	39.425	ng	#	92
27) 2,4-Dimethylphenol	7.792	122	117758	45.538	ng		94
28) bis(2-Chloroethoxy)met...	7.881	93	155570	42.553	ng		96
29) 2,4-Dichlorophenol	7.998	162	116657	38.987	ng		94
30) 1,2,4-Trichlorobenzene	8.075	180	130868	39.027	ng		99
31) Naphthalene	8.157	128	376482	38.798	ng		99
32) Benzoic acid	7.945	122	64632	40.732	ng		93
33) 4-Chloroaniline	8.210	127	31435	8.710	ng	#	85
34) Hexachlorobutadiene	8.269	225	91162	38.488	ng		99
35) Caprolactam	8.592	113	18455	22.451	ng	#	66
36) 4-Chloro-3-methylphenol	8.704	107	127813	39.042	ng		89
37) 2-Methylnaphthalene	8.845	142	261891	38.486	ng		96
38) 1-Methylnaphthalene	8.945	142	245094	38.543	ng		94
40) 1,2,4,5-Tetrachloroben...	9.016	216	142162	42.821	ng		97
41) Hexachlorocyclopentadiene	9.004	237	147574	81.766	ng		97
43) 2,4,6-Trichlorophenol	9.133	196	87438	40.382	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
Data File : BF124207.D
Acq On : 9 Jun 2021 13:59
Operator : JU/CG
Sample : PB136822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB136822BS

Quant Time: Jun 09 14:35:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 14:34:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	95869	41.244	ng		92
46) 1,1'-Biphenyl	9.316	154	342832	43.342	ng		97
47) 2-Chloronaphthalene	9.339	162	261557	40.625	ng		96
48) 2-Nitroaniline	9.439	65	94941	40.862	ng		97
49) Acenaphthylene	9.757	152	384911	41.128	ng		97
50) Dimethylphthalate	9.616	163	319361	41.195	ng		98
51) 2,6-Dinitrotoluene	9.681	165	69189	38.924	ng		91
52) Acenaphthene	9.928	154	240256	39.305	ng		94
53) 3-Nitroaniline	9.845	138	37162	22.338	ng		89
54) 2,4-Dinitrophenol	9.963	184	68225	75.287	ng		88
55) Dibenzofuran	10.098	168	383609	40.098	ng		99
56) 4-Nitrophenol	10.033	139	96279	80.978	ng		89
57) 2,4-Dinitrotoluene	10.086	165	98383	41.967	ng	#	94
58) Fluorene	10.439	166	299005	40.717	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.222	232	75572	40.121	ng		96
60) Diethylphthalate	10.316	149	321426	41.083	ng		97
61) 4-Chlorophenyl-phenyle...	10.433	204	150681	40.130	ng		92
62) 4-Nitroaniline	10.469	138	64459	38.535	ng		87
63) Azobenzene	10.592	77	318505	39.054	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	48036	33.862	ng	#	69
66) n-Nitrosodiphenylamine	10.551	169	257555	38.401	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	94829	39.139	ng		99
68) Hexachlorobenzene	10.992	284	107697	39.245	ng		95
69) Atrazine	11.080	200	89632	47.210	ng		95
70) Pentachlorophenol	11.192	266	98001	68.482	ng		97
71) Phenanthrene	11.404	178	432240	39.199	ng		99
72) Anthracene	11.457	178	441288	39.737	ng		98
73) Carbazole	11.610	167	360979	37.301	ng		95
74) Di-n-butylphthalate	11.933	149	492761	39.621	ng		99
75) Fluoranthene	12.592	202	446337	38.562	ng		97
77) Benzidine	12.963	184	13026	8.881	ng		98
78) Pyrene	12.821	202	435377	42.718	ng		98
80) Butylbenzylphthalate	13.433	149	176931	42.794	ng		96
81) Benzo(a)anthracene	14.010	228	320591	41.462	ng		98
82) 3,3'-Dichlorobenzidine	13.968	252	62803	27.687	ng		99
83) Chrysene	14.045	228	309713	41.517	ng		96
84) Bis(2-ethylhexyl)phtha...	13.992	149	223370	45.418	ng		95
85) Di-n-octyl phthalate	14.604	149	291932	44.477	ng	#	92
87) Indeno(1,2,3-cd)pyrene	16.986	276	263491	40.288	ng		98
88) Benzo(b)fluoranthene	15.063	252	253597	40.755	ng		99
89) Benzo(k)fluoranthene	15.092	252	251925	42.767	ng		97
90) Benzo(a)pyrene	15.433	252	231948	42.916	ng		97
91) Dibenzo(a,h)anthracene	16.992	278	225022	40.286	ng		98
92) Benzo(g,h,i)perylene	17.433	276	222170	40.237	ng		99

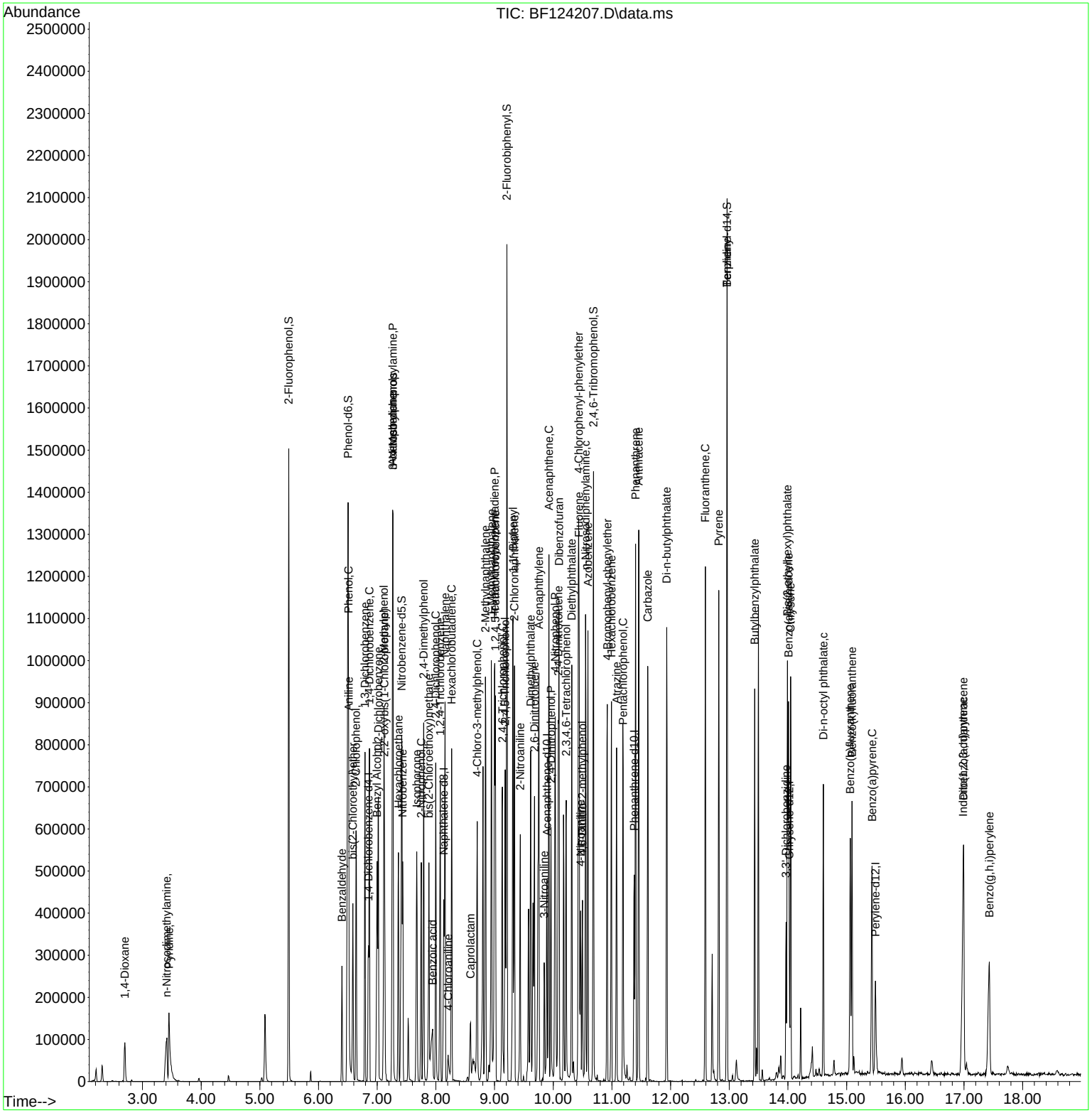
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

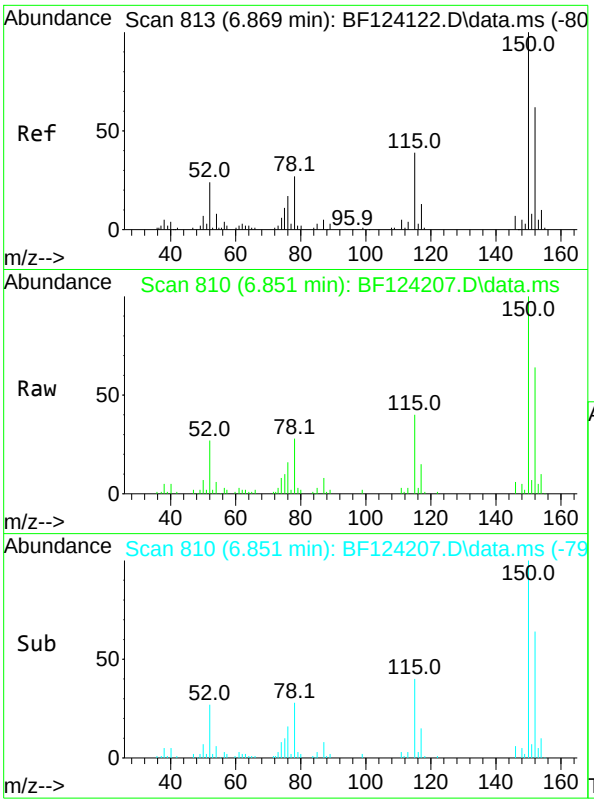
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
Data File : BF124207.D
Acq On : 9 Jun 2021 13:59
Operator : JU/CG
Sample : PB136822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136822BS

Quant Time: Jun 09 14:35:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 14:34:04 2021
Response via : Initial Calibration



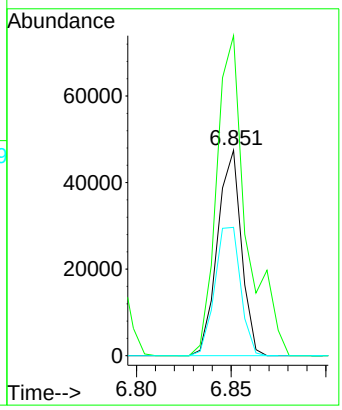
Instrument :
BNA_F
ClientSampleId :
PB136822BS

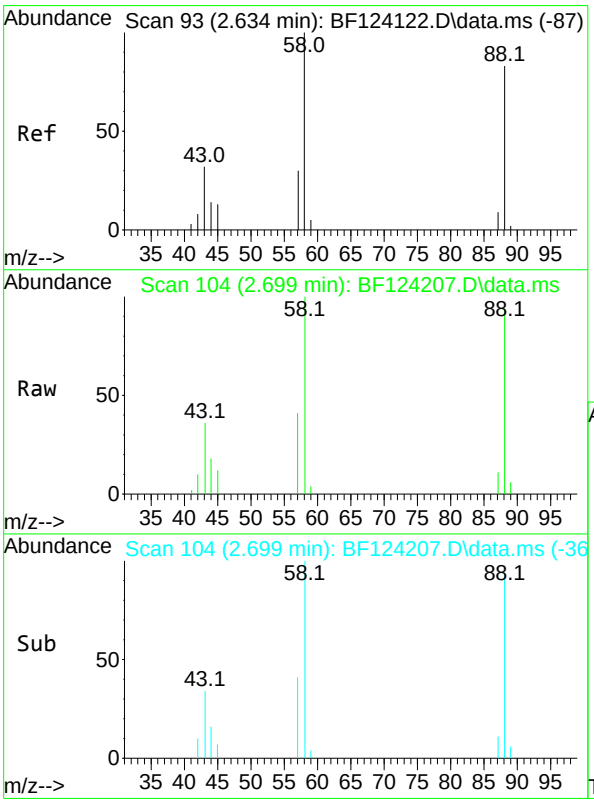


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:152 Resp: 41686

Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.0	190.6
115	62.5	54.3	81.5

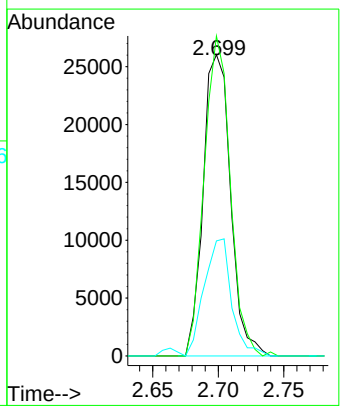




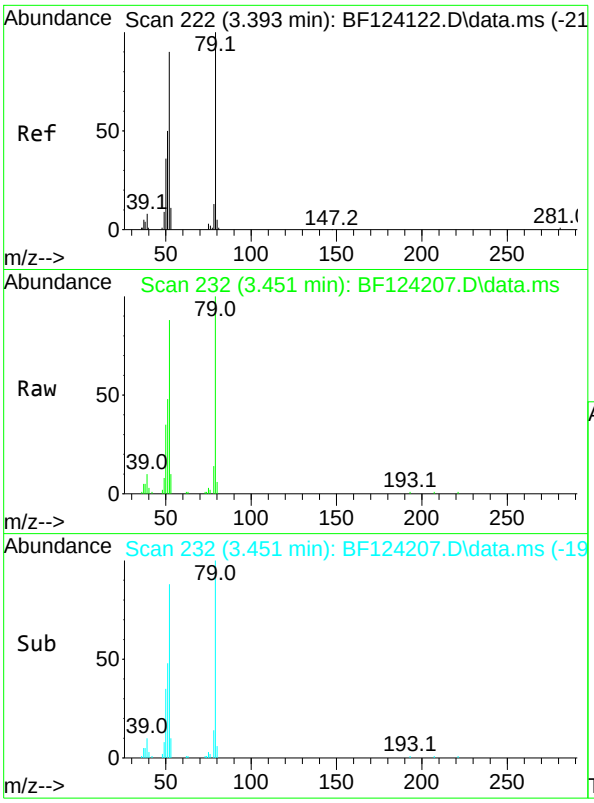
#2
1,4-Dioxane
Concen: 31.218 ng
RT: 2.699 min Scan# 104
Delta R.T. 0.100 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 88 Resp: 37833

Ion	Ratio	Lower	Upper
88	100		
58	101.1	83.8	125.8
43	39.0	32.2	48.4



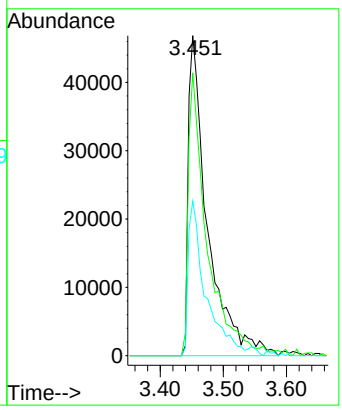
Instrument :
BNA_F
ClientSampleId :
PB136822BS

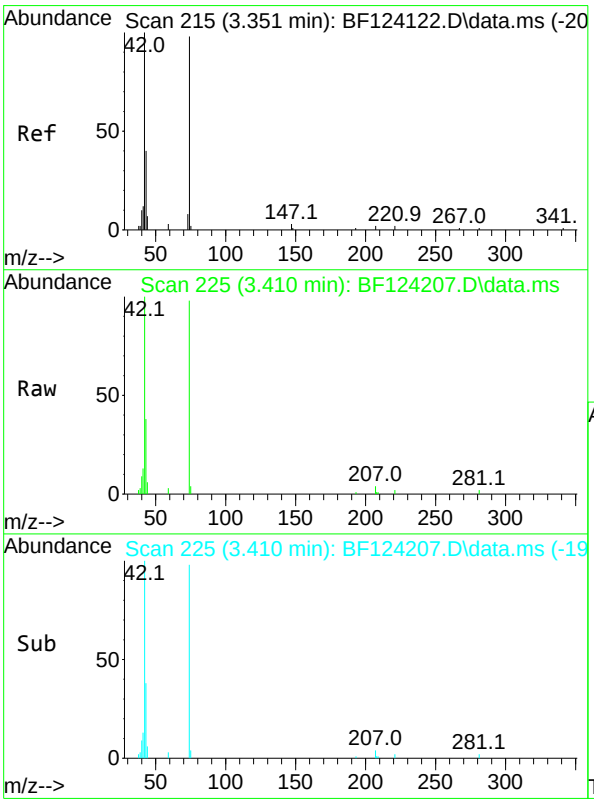


#3
Pyridine
Concen: 31.848 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.094 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 79 Resp: 98847

Ion	Ratio	Lower	Upper
79	100		
52	88.4	87.4	131.0
51	48.3	41.4	62.0

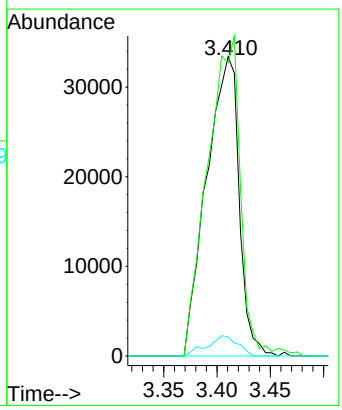




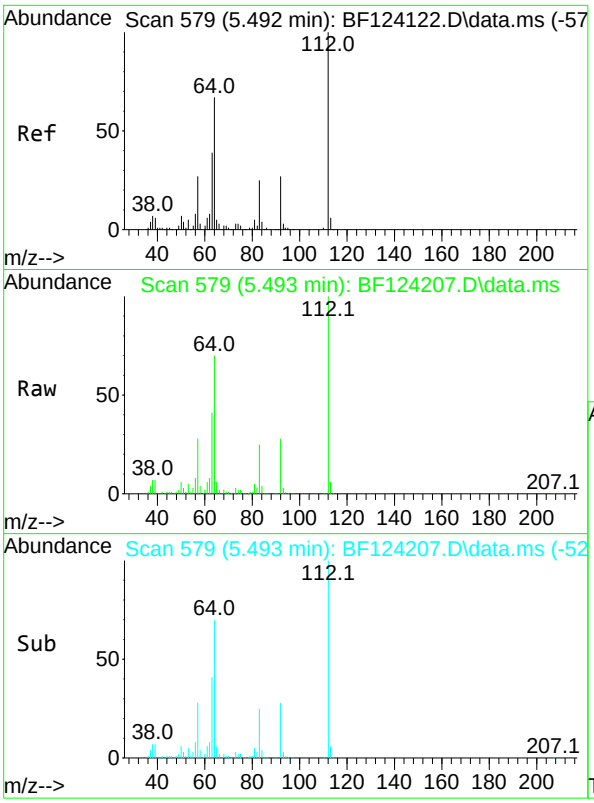
#4
n-Nitrosodimethylamine
Concen: 38.407 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.094 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 42 Resp: 70831

Ion	Ratio	Lower	Upper
42	100		
74	97.9	83.5	125.3
44	6.3	5.7	8.5



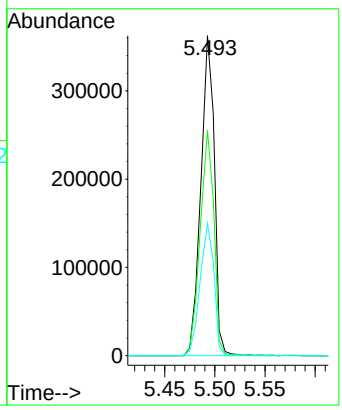
Instrument :
BNA_F
ClientSampleId :
PB136822BS

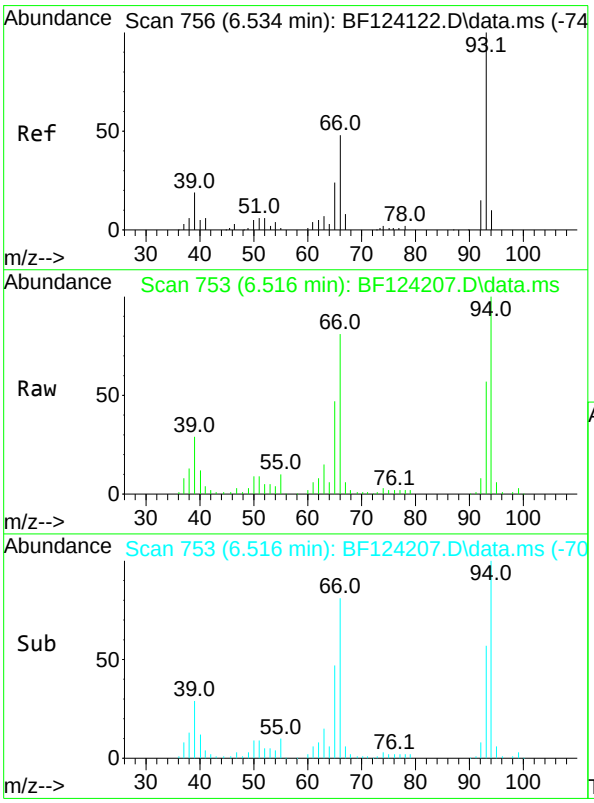


#5
2-Fluorophenol
Concen: 123.560 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:112 Resp: 342163

Ion	Ratio	Lower	Upper
112	100		
64	70.4	61.4	92.0
63	41.3	33.0	49.4

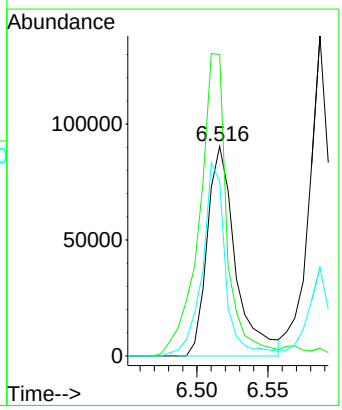


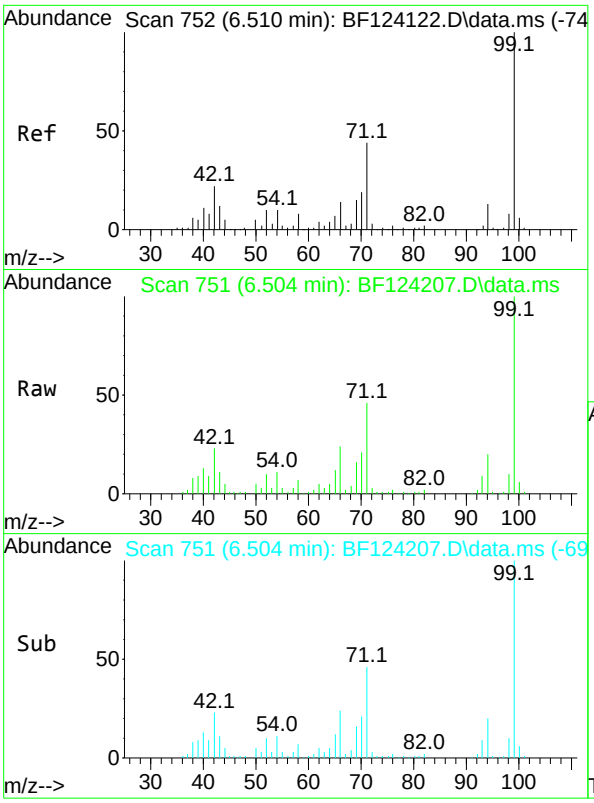


#6
Aniline
Concen: 29.517 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 93 Resp: 125494

Ion	Ratio	Lower	Upper
93	100		
66	143.8	36.4	54.6#
65	83.4	19.4	29.0#

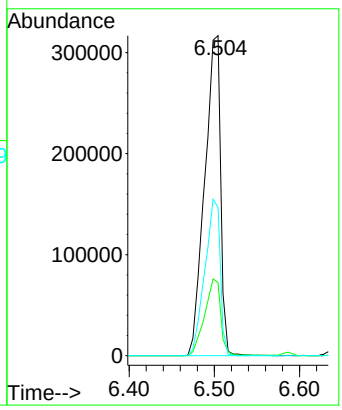




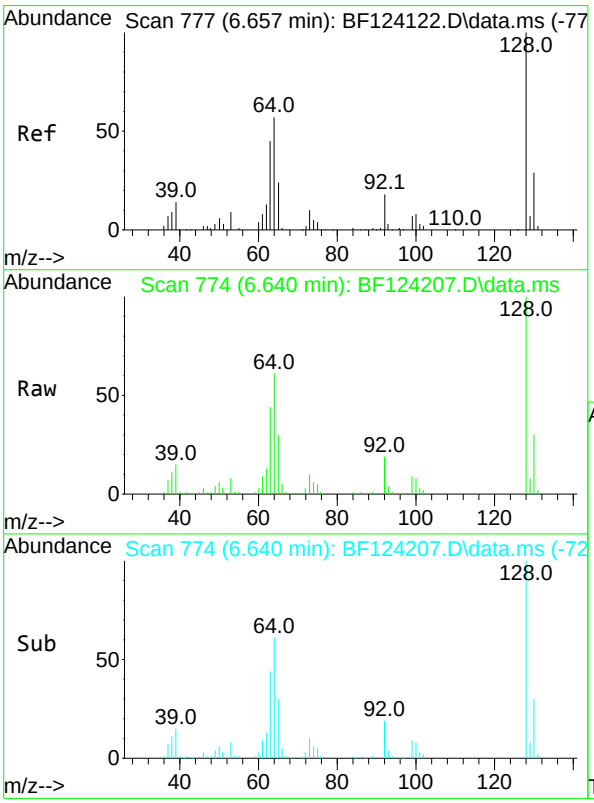
#7
Phenol-d6
Concen: 110.529 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 99 Resp: 411415

Ion	Ratio	Lower	Upper
99	100		
42	22.8	19.8	29.8
71	46.4	31.1	46.7



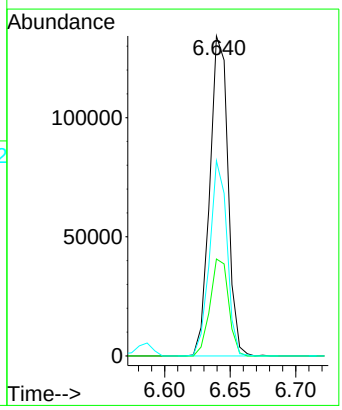
Instrument :
BNA_F
ClientSampleId :
PB136822BS



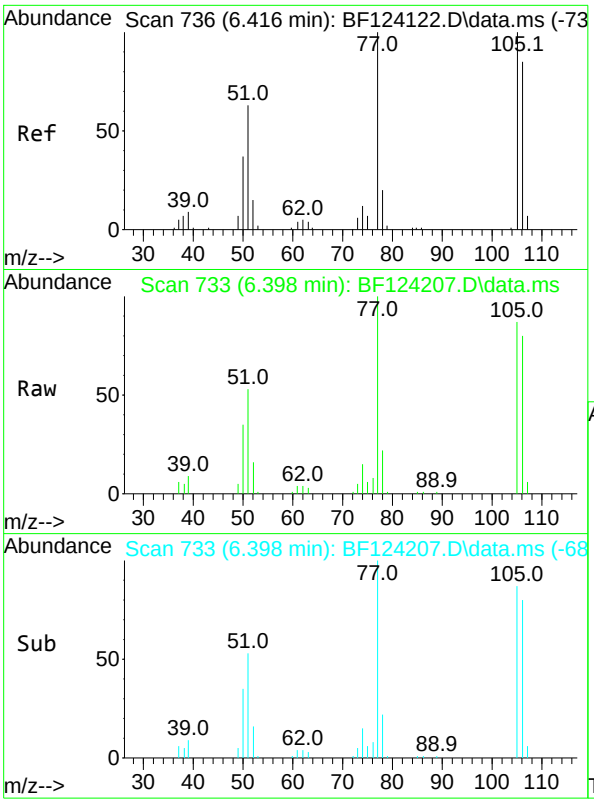
#8
2-Chlorophenol
Concen: 42.051 ng
RT: 6.640 min Scan# 774
Delta R.T. -0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:128 Resp: 129574

Ion	Ratio	Lower	Upper
128	100		
130	30.3	12.6	52.6
64	61.0	41.5	81.5



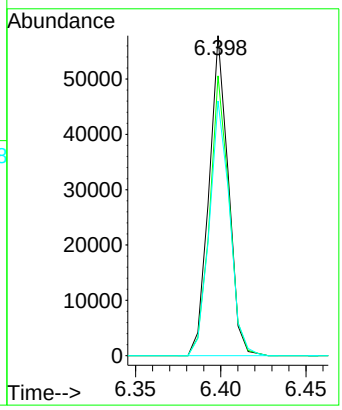
Instrument :
BNA_F
ClientSampleId :
PB136822BS

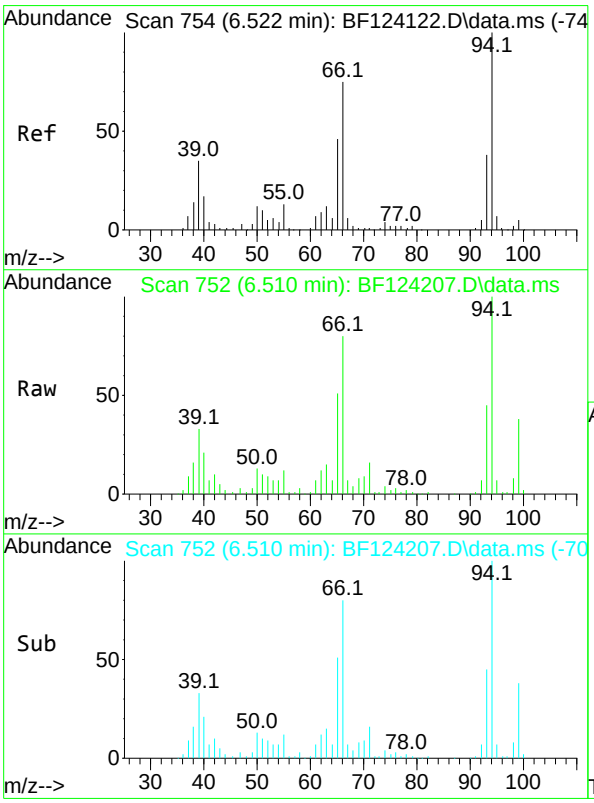


#9
Benzaldehyde
Concen: 27.549 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 77 Resp: 45581

Ion	Ratio	Lower	Upper
77	100		
105	87.4	75.2	115.2
106	79.6	71.6	111.6

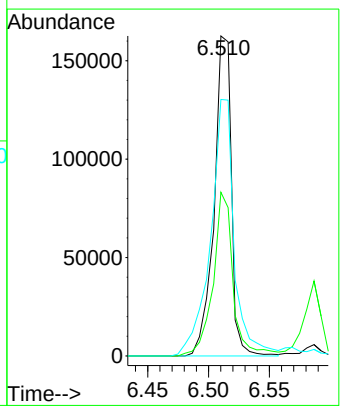




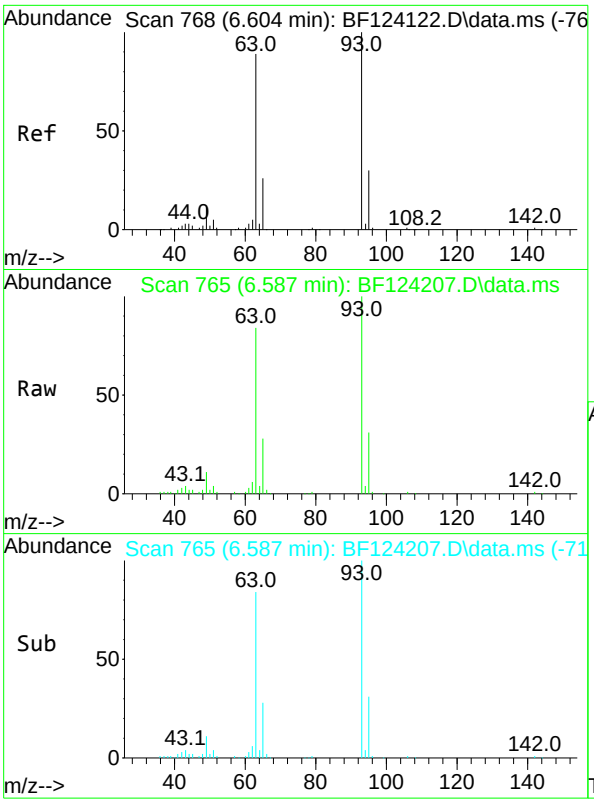
#10
Phenol
Concen: 40.060 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 94 Resp: 161149

Ion	Ratio	Lower	Upper
94	100		
65	51.2	18.1	58.1
66	80.2	29.0	69.0#



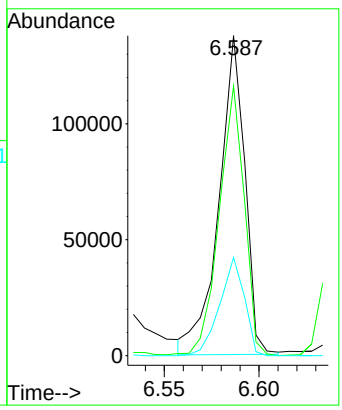
Instrument :
BNA_F
ClientSampleId :
PB136822BS

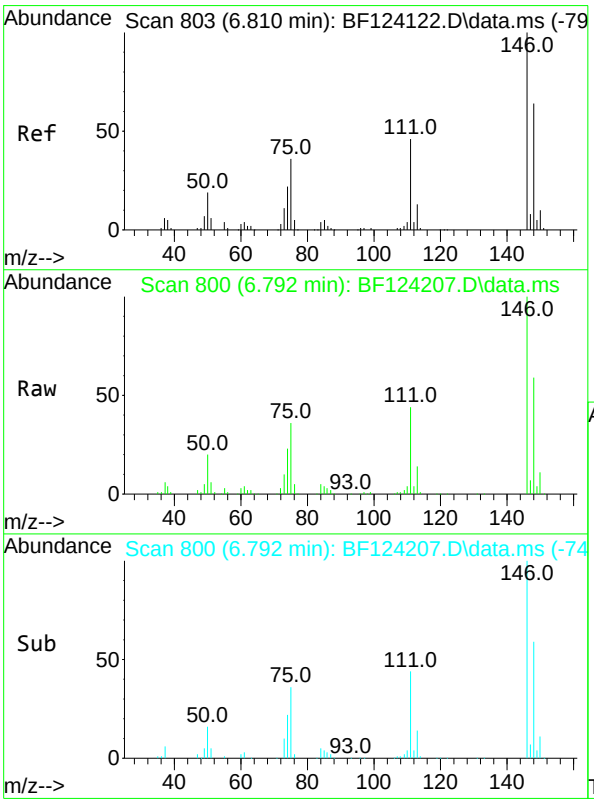


#11
bis(2-Chloroethyl)ether
Concen: 44.613 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 93 Resp: 130828

Ion	Ratio	Lower	Upper
93	100		
63	84.3	76.1	116.1
95	30.7	11.5	51.5

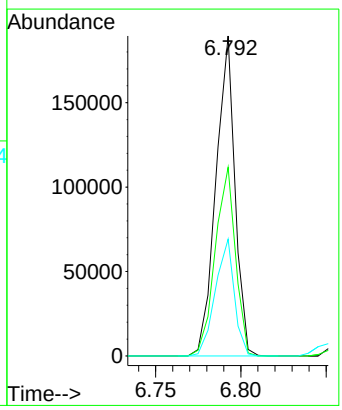




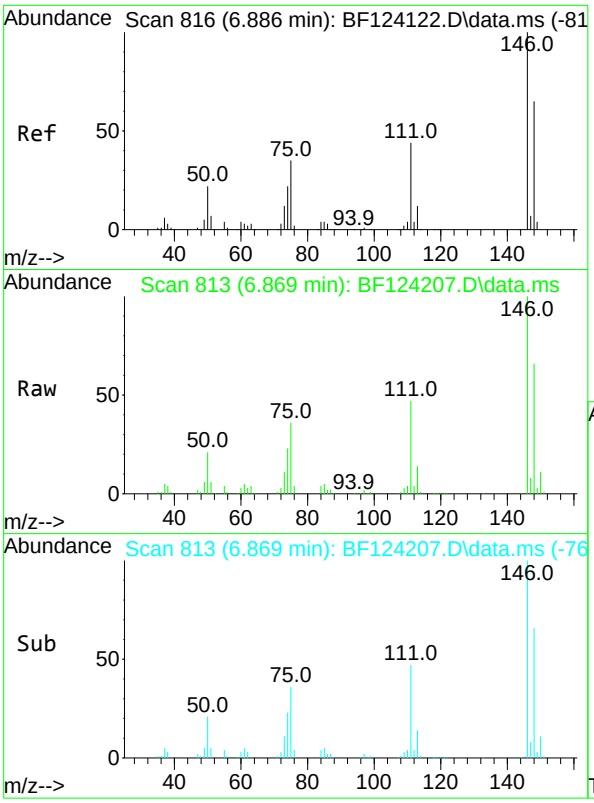
#12
1,3-Dichlorobenzene
Concen: 41.001 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:146 Resp: 147695

Ion	Ratio	Lower	Upper
146	100		
148	59.0	50.9	76.3
75	36.5	34.2	51.4



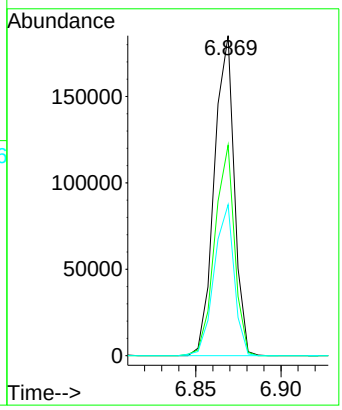
Instrument :
BNA_F
ClientSampleId :
PB136822BS

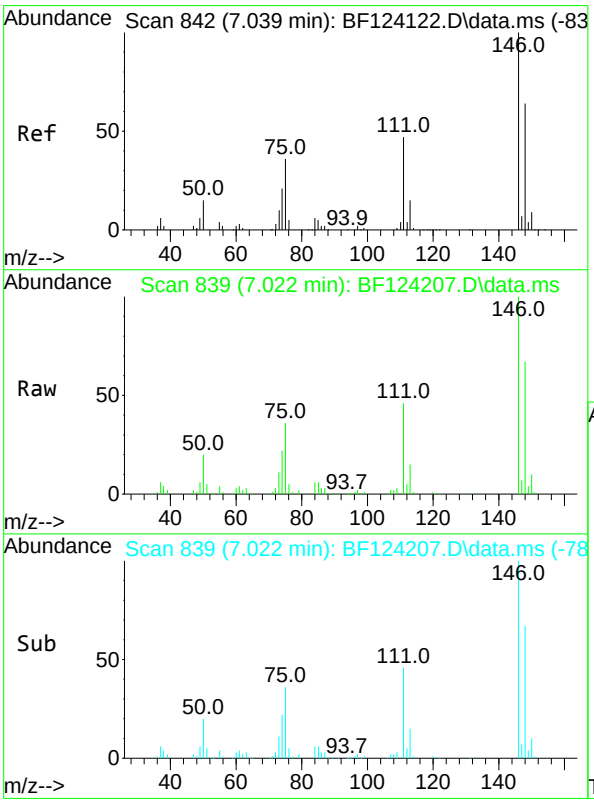


#13
1,4-Dichlorobenzene
Concen: 41.836 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:146 Resp: 151162

Ion	Ratio	Lower	Upper
146	100		
148	65.8	49.9	74.9
111	47.2	39.5	59.3

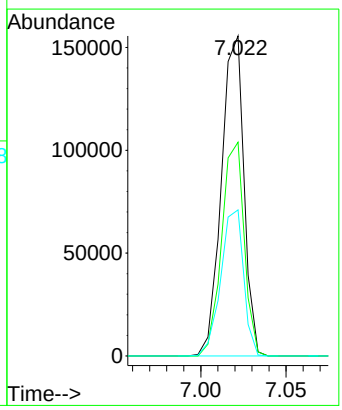




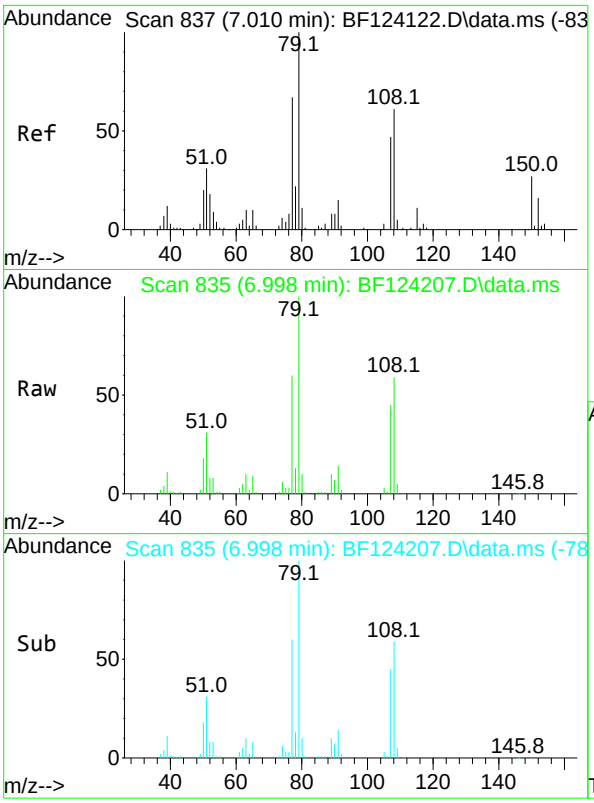
#14
1,2-Dichlorobenzene
Concen: 41.510 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:146 Resp: 143479

Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.6	77.4
111	45.6	38.4	57.6



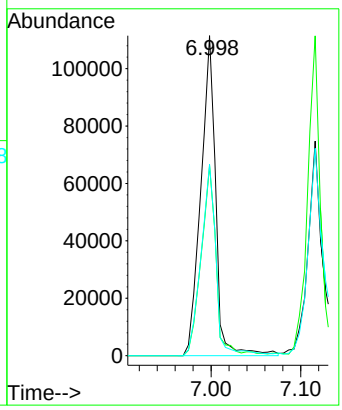
Instrument :
BNA_F
ClientSampleId :
PB136822BS

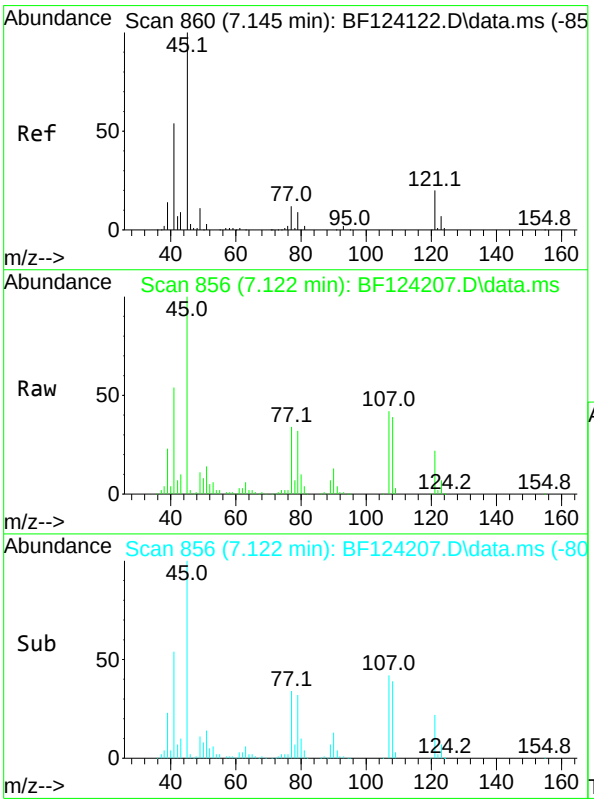


#15
Benzyl Alcohol
Concen: 38.152 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 79 Resp: 128022

Ion	Ratio	Lower	Upper
79	100		
108	59.4	55.8	83.8
77	59.8	49.9	74.9

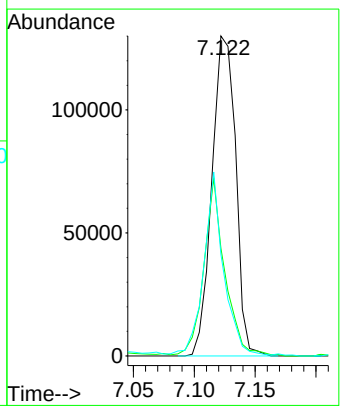




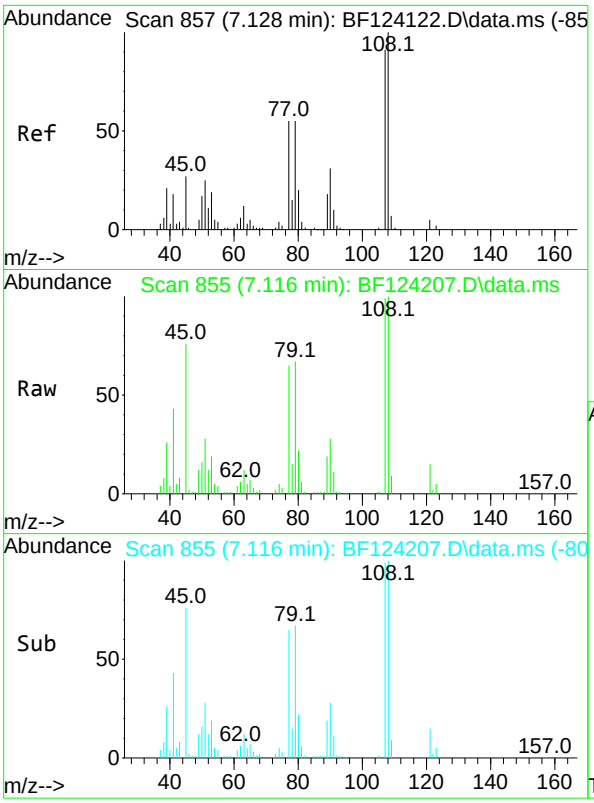
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.606 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 45 Resp: 176614

Ion	Ratio	Lower	Upper
45	100		
77	33.6	0.0	30.0#
79	31.7	0.0	27.3#



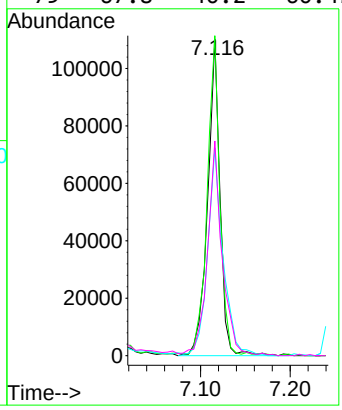
Instrument :
BNA_F
ClientSampleId :
PB136822BS

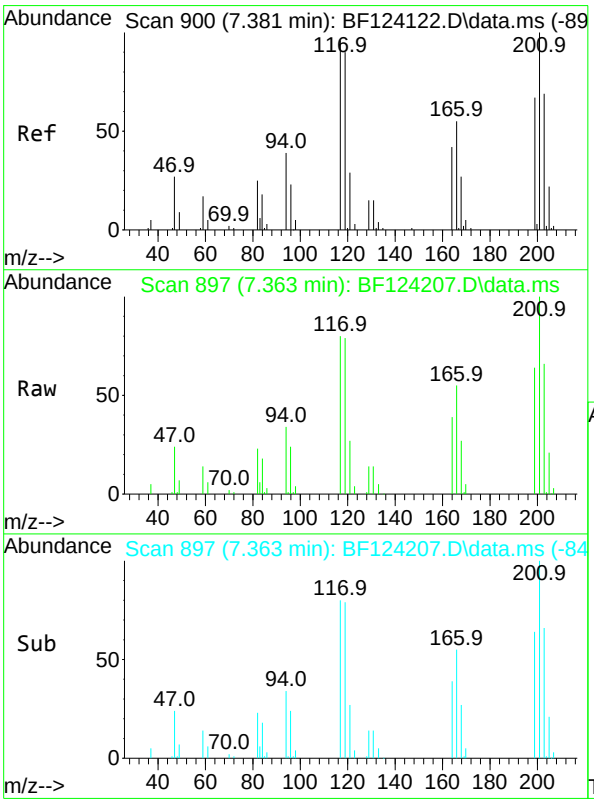


#17
2-Methylphenol
Concen: 42.391 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:107 Resp: 106182

Ion	Ratio	Lower	Upper
107	100		
108	101.0	89.8	134.8
77	65.5	40.9	61.3#
79	67.8	40.2	60.4#

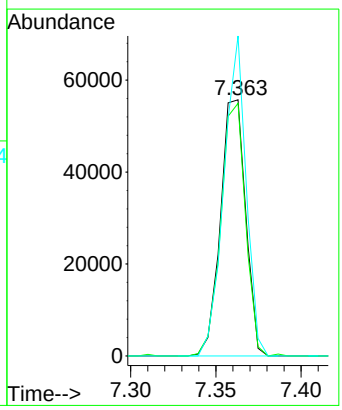




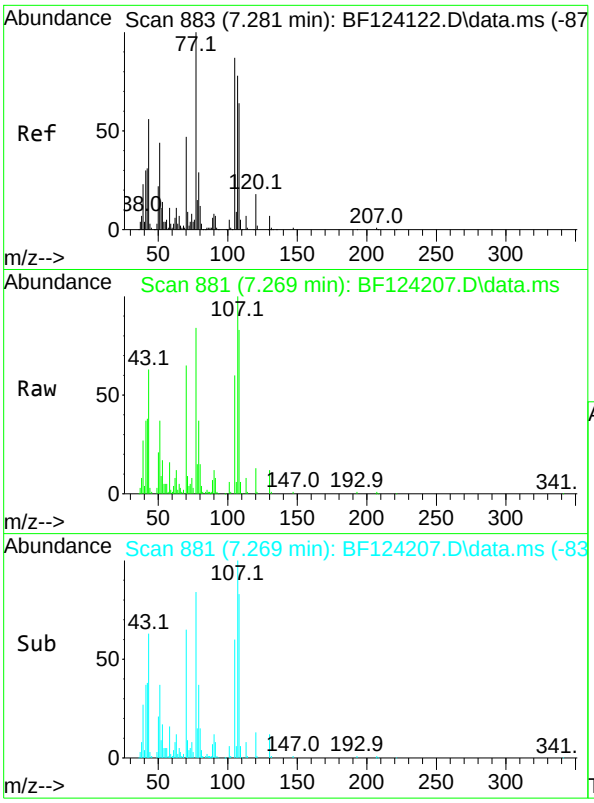
#18
Hexachloroethane
Concen: 40.366 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:117 Resp: 57437

Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.8	116.8
201	124.9	67.8	101.8#



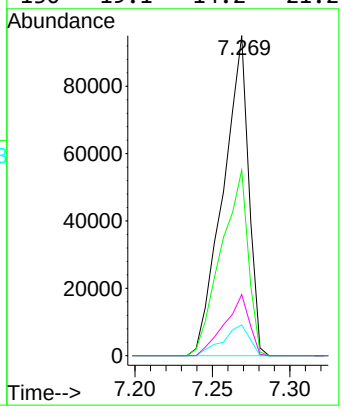
Instrument :
BNA_F
ClientSampleId :
PB136822BS

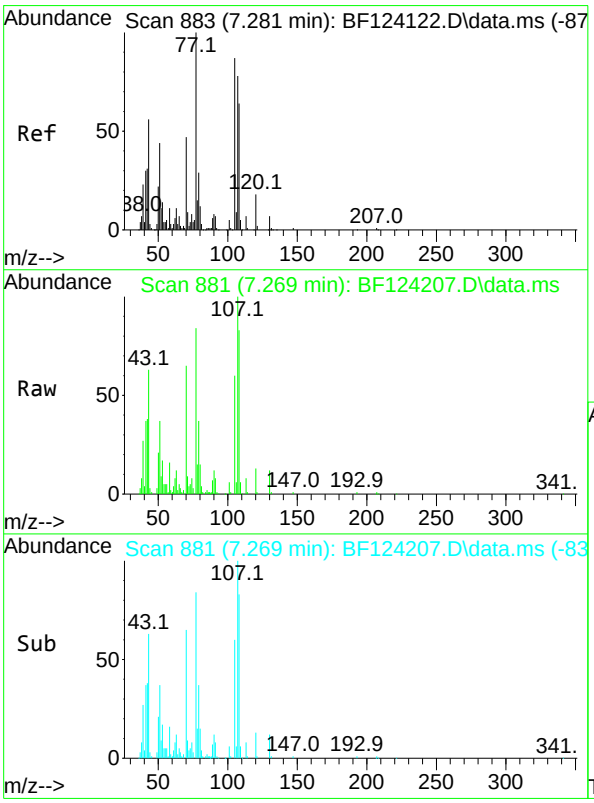


#19
n-Nitroso-di-n-propylamine
Concen: 41.399 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 70 Resp: 108780

Ion	Ratio	Lower	Upper
70	100		
42	58.0	60.1	90.1#
101	9.6	7.4	11.2
130	19.1	14.2	21.2

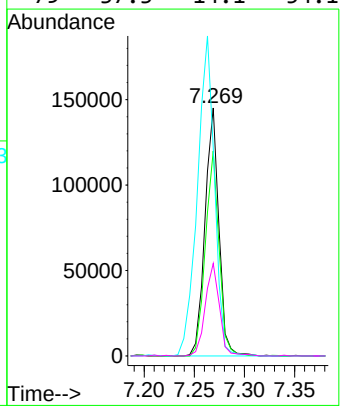




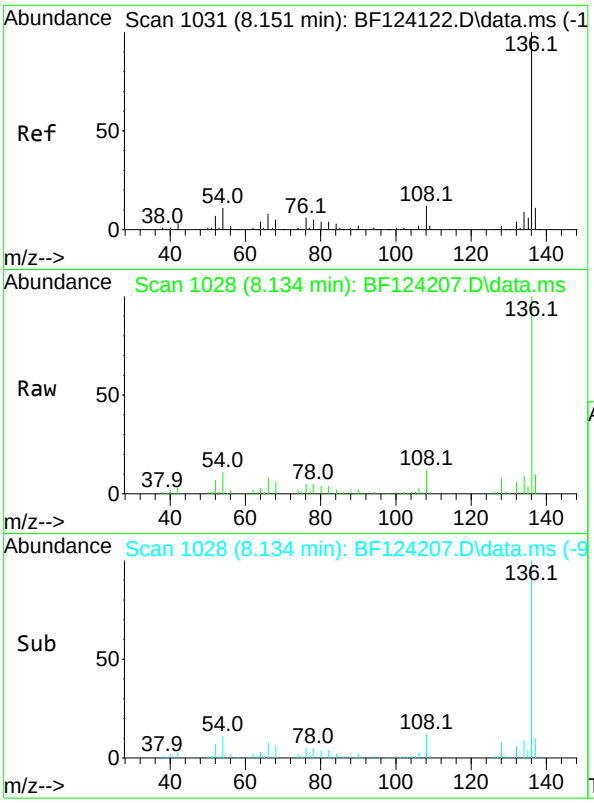
#20
3+4-Methylphenols
Concen: 42.291 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:107 Resp: 140362

Ion	Ratio	Lower	Upper
107	100		
108	82.6	71.5	111.5
77	84.0	82.0	122.0
79	37.3	14.1	54.1



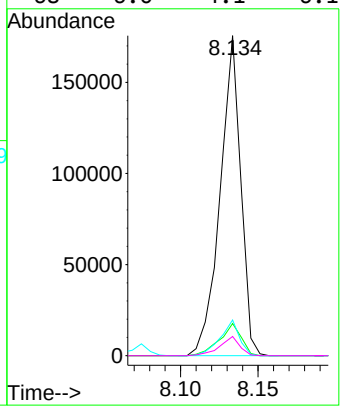
Instrument :
BNA_F
ClientSampleId :
PB136822BS

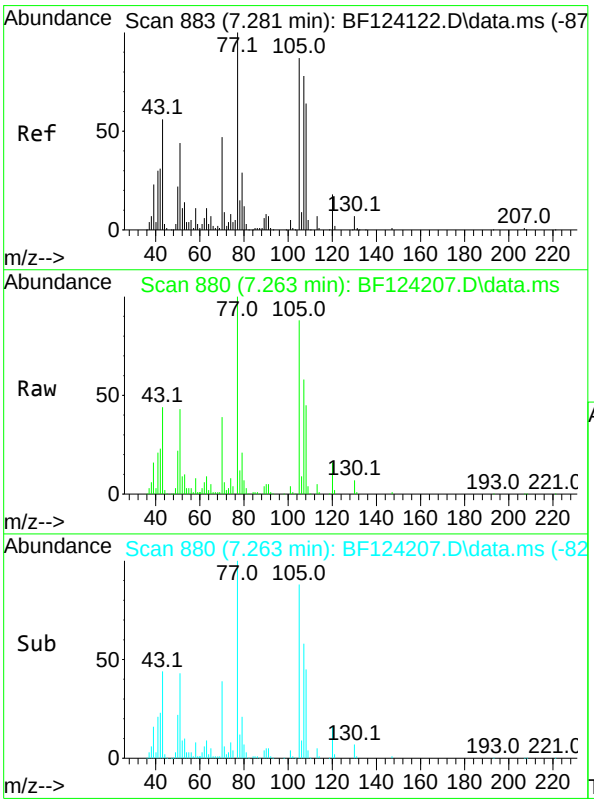


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:136 Resp: 162304

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	11.2	9.8	14.6
68	6.0	4.1	6.1

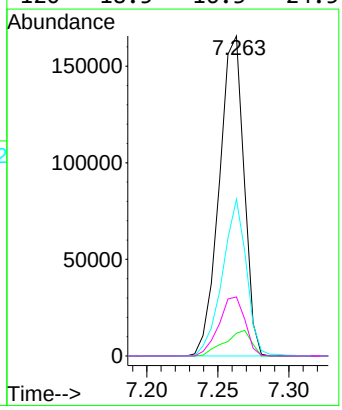




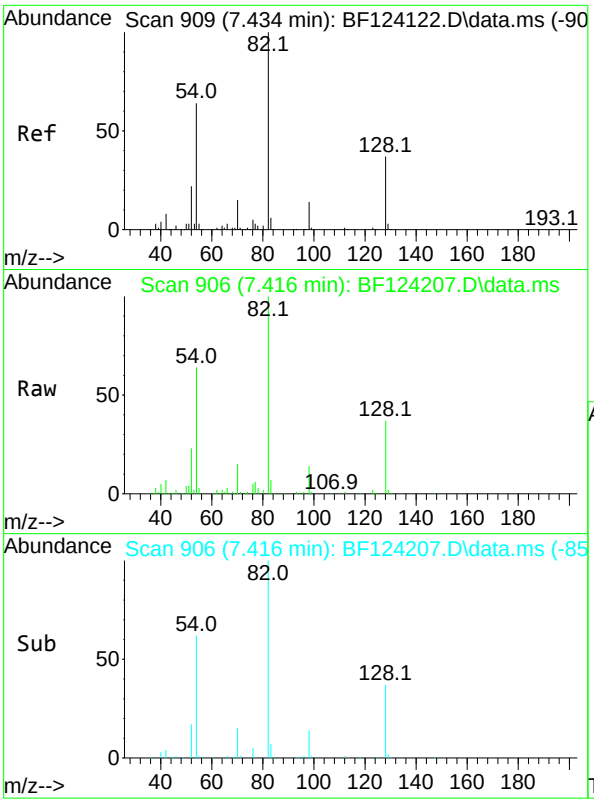
#22
Acetophenone
Concen: 43.273 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:105 Resp: 200219

Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.2	6.4#
51	49.0	33.6	50.4
120	18.5	16.3	24.5



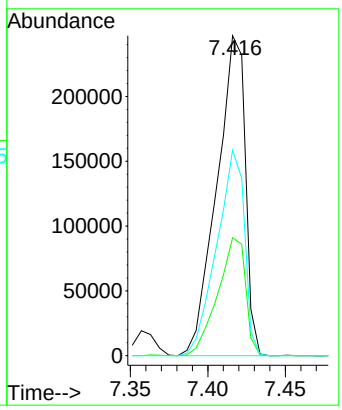
Instrument :
BNA_F
ClientSampleId :
PB136822BS

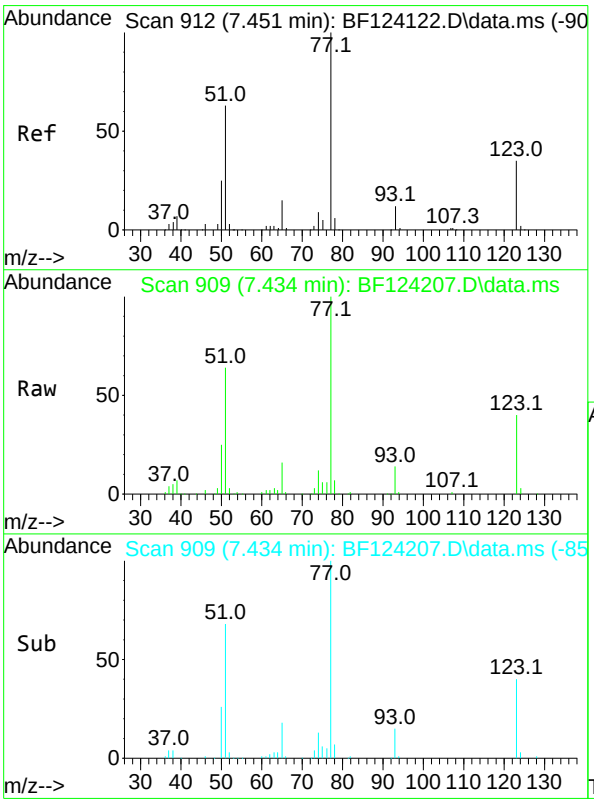


#23
Nitrobenzene-d5
Concen: 77.182 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 82 Resp: 315848

Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.4	44.2
54	64.2	54.1	81.1

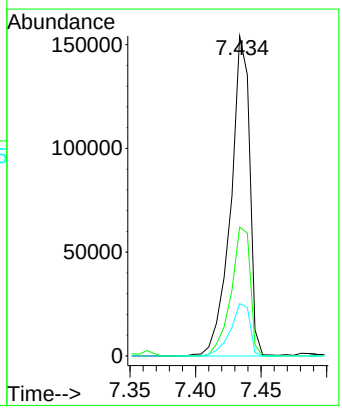




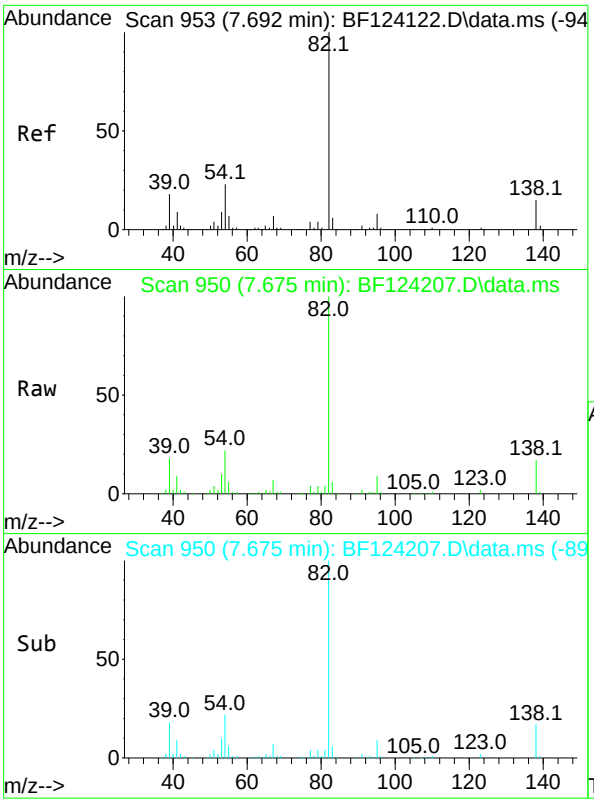
#24
Nitrobenzene
Concen: 37.828 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 77 Resp: 155297

Ion	Ratio	Lower	Upper
77	100		
123	40.3	34.5	51.7
65	16.3	12.2	18.2



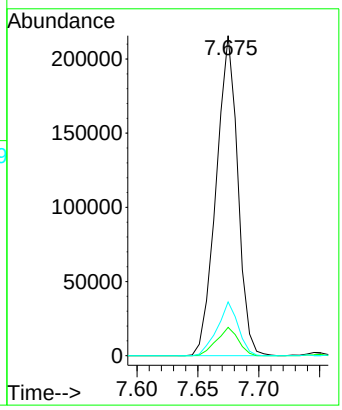
Instrument :
BNA_F
ClientSampleId :
PB136822BS

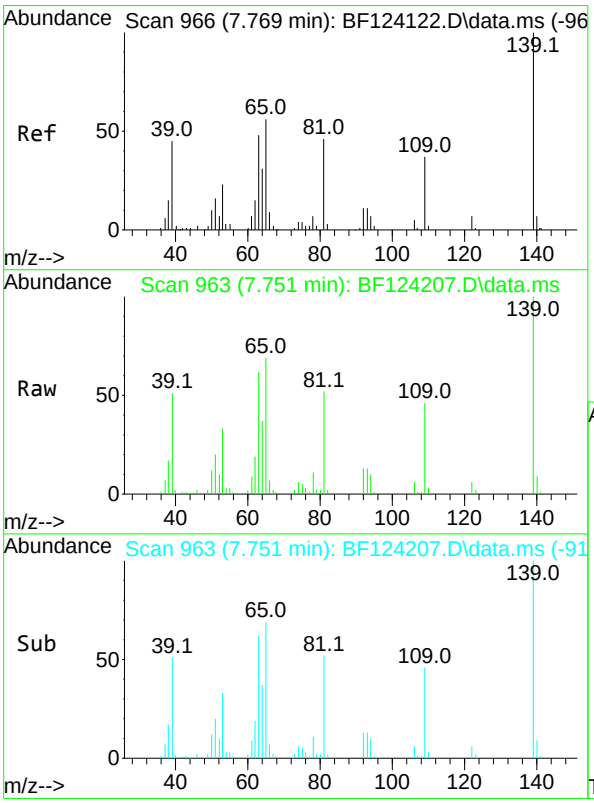


#25
Isophorone
Concen: 36.074 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 82 Resp: 266022

Ion	Ratio	Lower	Upper
82	100		
95	8.8	5.8	8.6#
138	16.8	11.8	17.8

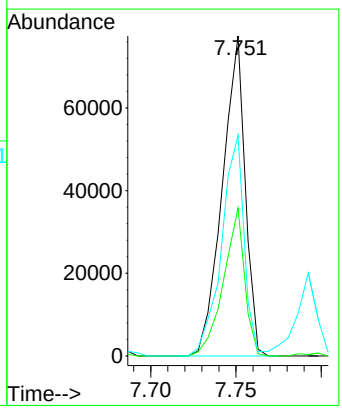




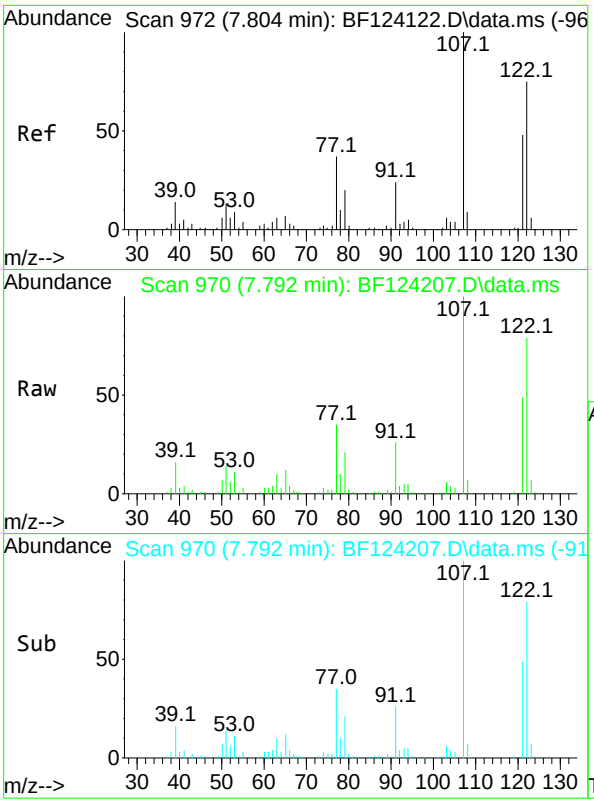
#26
2-Nitrophenol
Concen: 39.425 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:139 Resp: 72300

Ion	Ratio	Lower	Upper
139	100		
109	46.3	28.6	43.0#
65	68.9	56.8	85.2



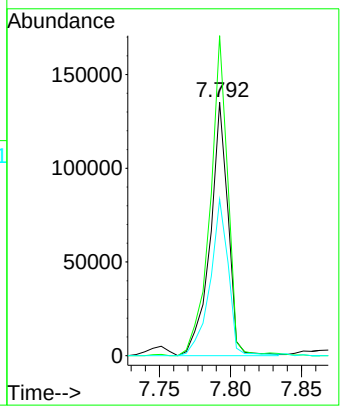
Instrument :
BNA_F
ClientSampleId :
PB136822BS

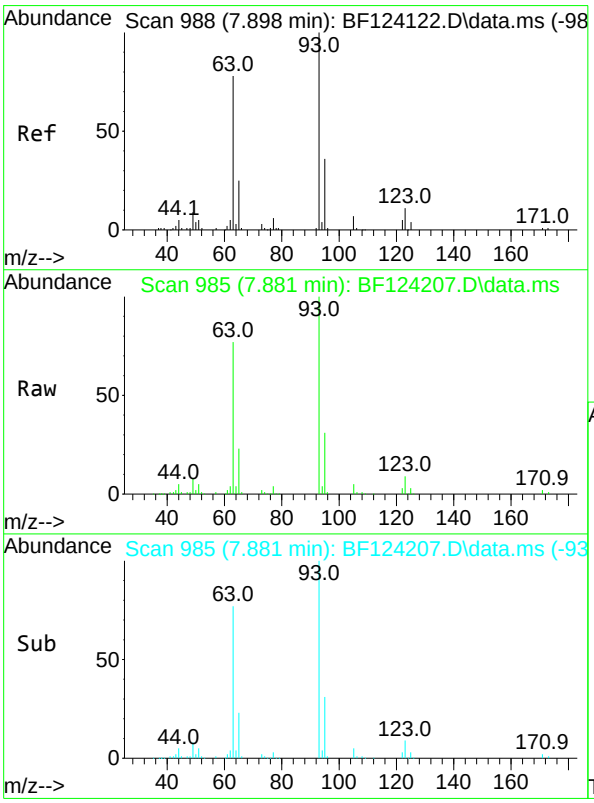


#27
2,4-Dimethylphenol
Concen: 45.538 ng
RT: 7.792 min Scan# 970
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:122 Resp: 117758

Ion	Ratio	Lower	Upper
122	100		
107	126.3	106.3	159.5
121	61.7	45.4	68.0

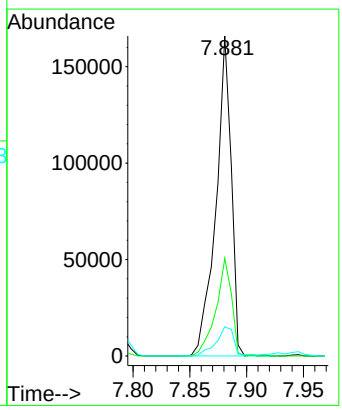




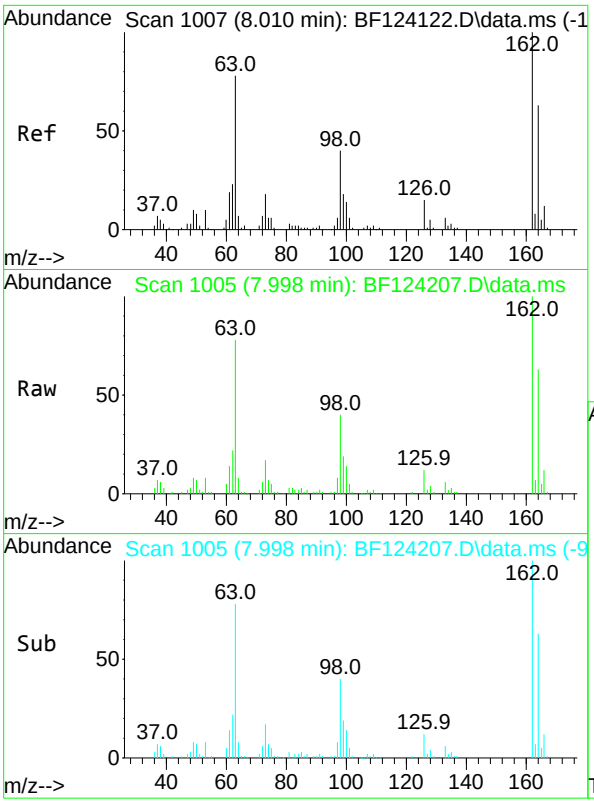
#28
bis(2-Chloroethoxy)methane
Concen: 42.553 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 93 Resp: 155570

Ion	Ratio	Lower	Upper
93	100		
95	30.5	26.5	39.7
123	9.1	8.4	12.6



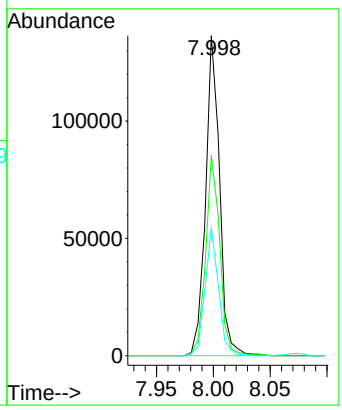
Instrument :
BNA_F
ClientSampleId :
PB136822BS

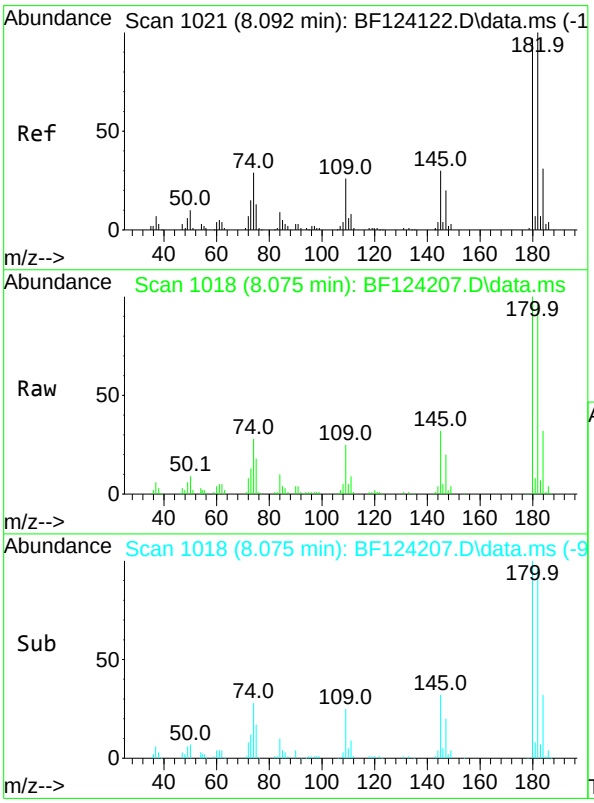


#29
2,4-Dichlorophenol
Concen: 38.987 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:162 Resp: 116657

Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.1	84.1
98	39.9	27.3	67.3

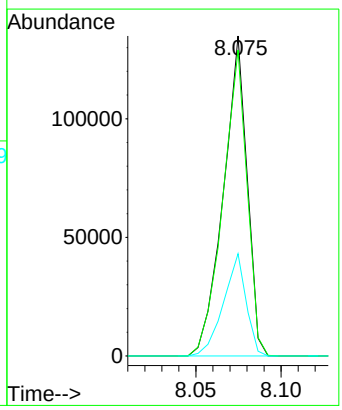




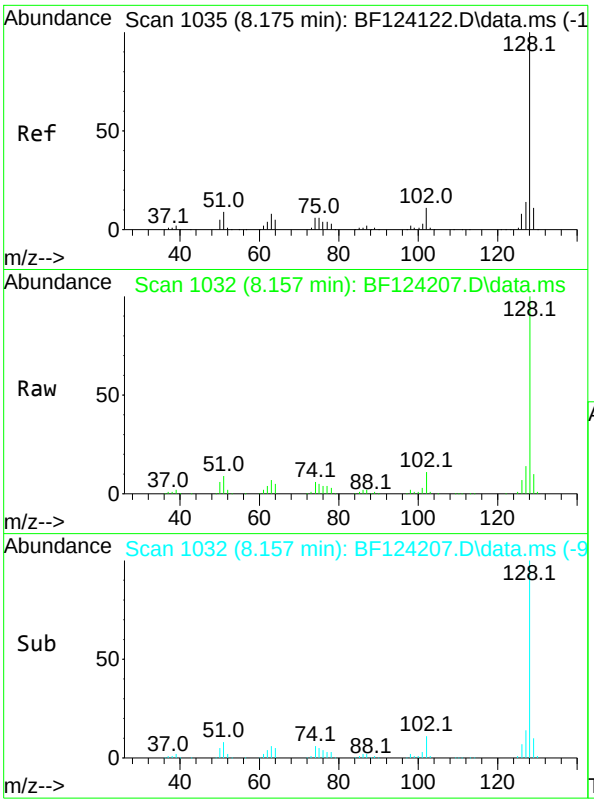
#30
1,2,4-Trichlorobenzene
Concen: 39.027 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:180 Resp: 130868

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.2	115.8
145	31.9	26.0	39.0



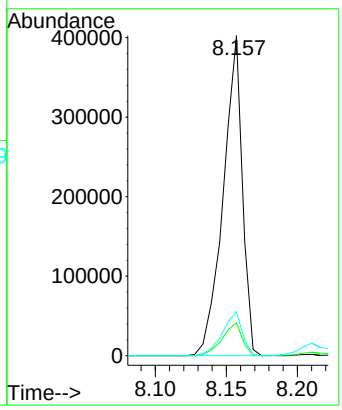
Instrument :
BNA_F
ClientSampleId :
PB136822BS

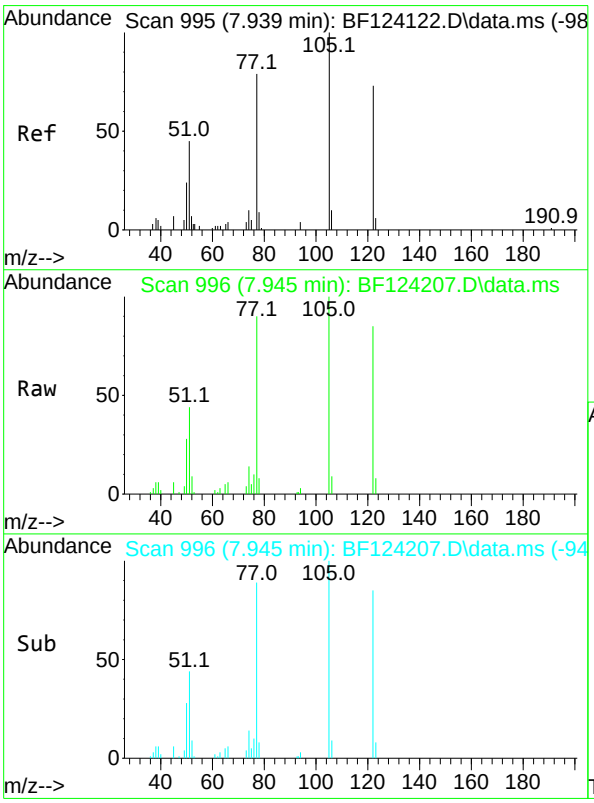


#31
Naphthalene
Concen: 38.798 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:128 Resp: 376482

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.9	13.3
127	13.8	10.8	16.2

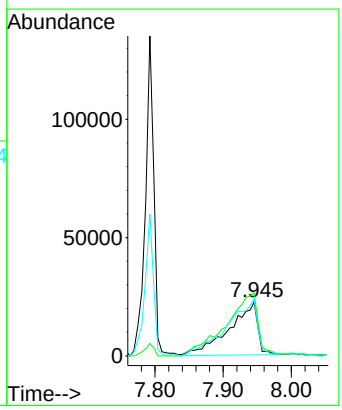




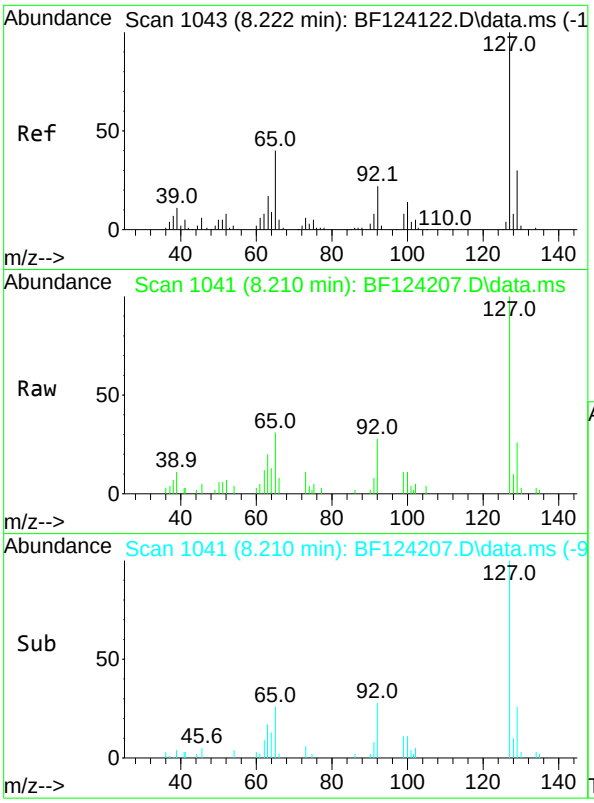
#32
Benzoic acid
Concen: 40.732 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.018 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:122 Resp: 64632

Ion	Ratio	Lower	Upper
122	100		
105	117.6	107.8	147.8
77	105.9	81.6	121.6



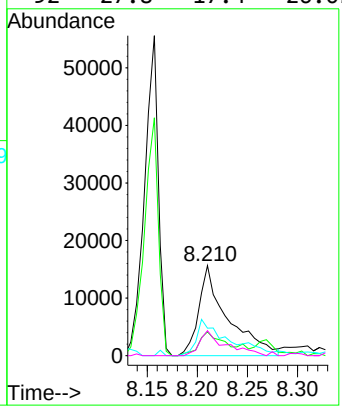
Instrument :
BNA_F
ClientSampleId :
PB136822BS

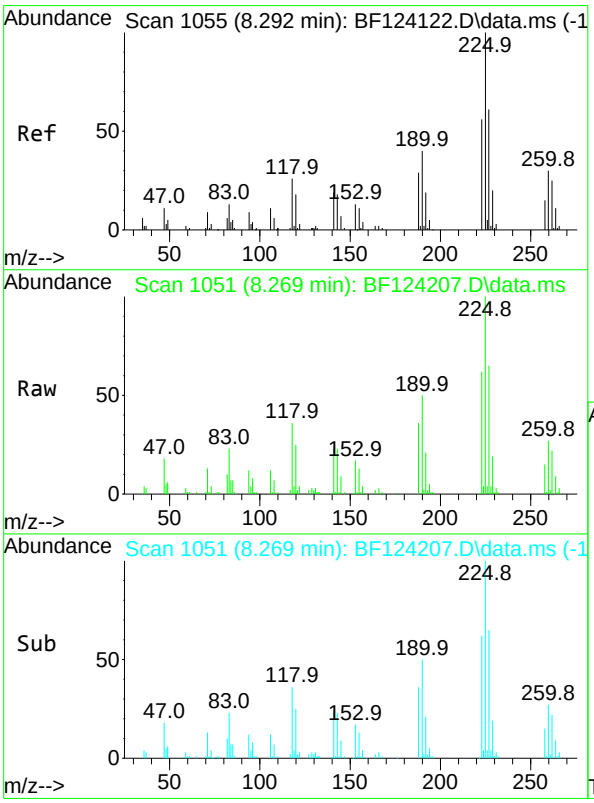


#33
4-Chloroaniline
Concen: 8.710 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:127 Resp: 31435

Ion	Ratio	Lower	Upper
127	100		
129	26.5	25.7	38.5
65	30.6	34.5	51.7#
92	27.8	17.4	26.0#

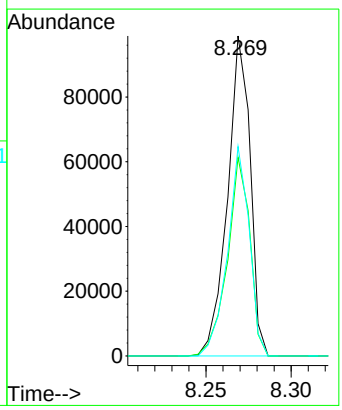




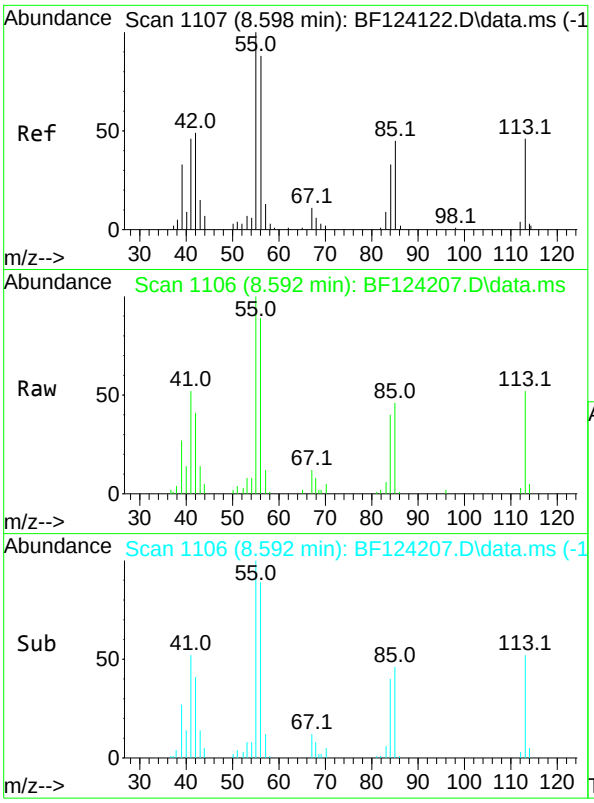
#34
Hexachlorobutadiene
Concen: 38.488 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:225 Resp: 91162

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.4	75.6
227	65.4	51.4	77.0



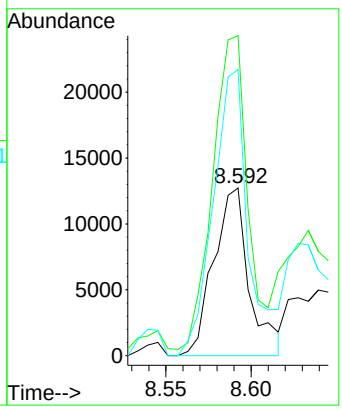
Instrument :
BNA_F
ClientSampleId :
PB136822BS

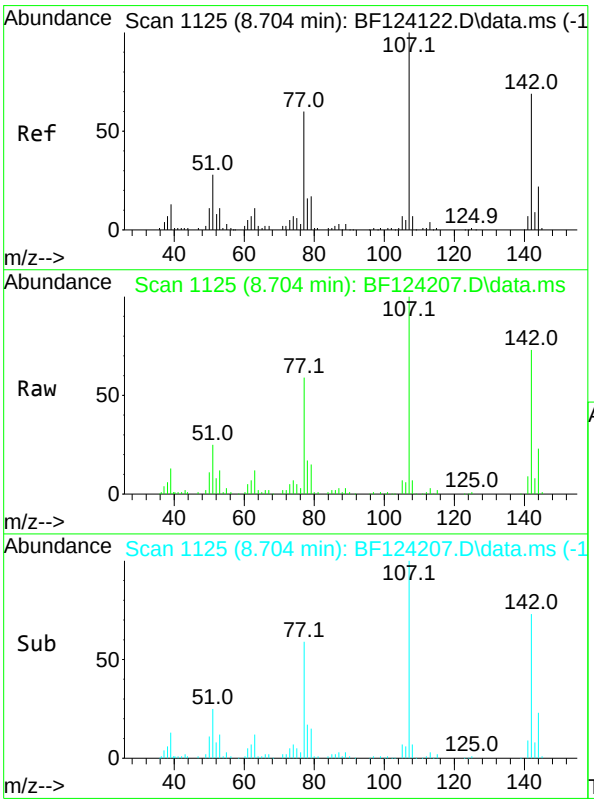


#35
Caprolactam
Concen: 22.451 ng
RT: 8.592 min Scan# 1106
Delta R.T. 0.012 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:113 Resp: 18455

Ion	Ratio	Lower	Upper
113	100		
55	190.8	254.9	294.9#
56	170.7	179.4	219.4#

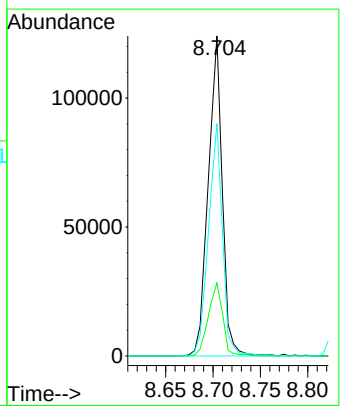




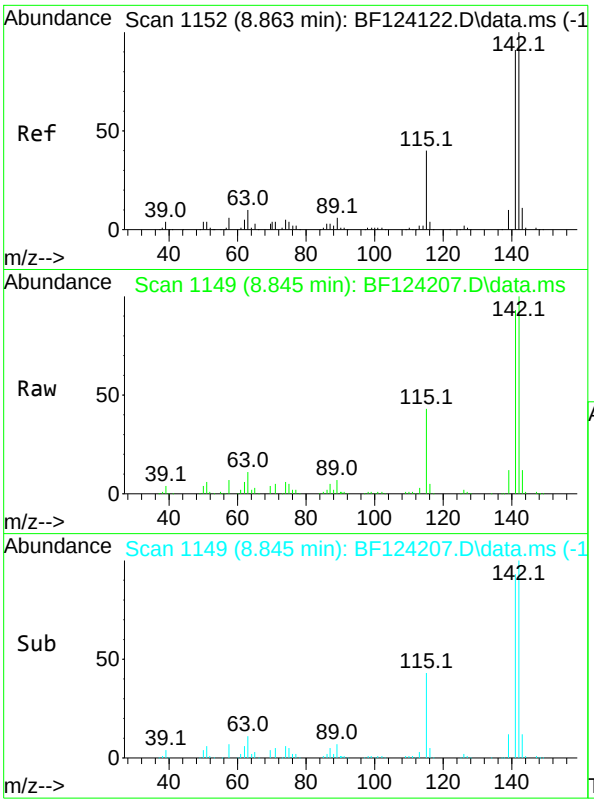
#36
4-Chloro-3-methylphenol
Concen: 39.042 ng
RT: 8.704 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:107 Resp: 127813

Ion	Ratio	Lower	Upper
107	100		
144	22.8	16.3	24.5
142	72.6	50.1	75.1



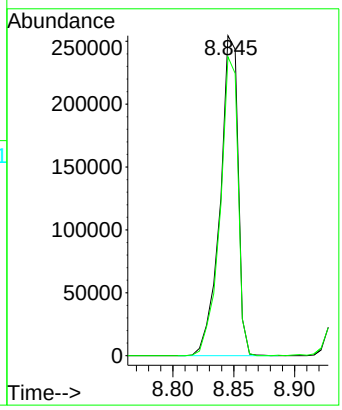
Instrument :
BNA_F
ClientSampleId :
PB136822BS

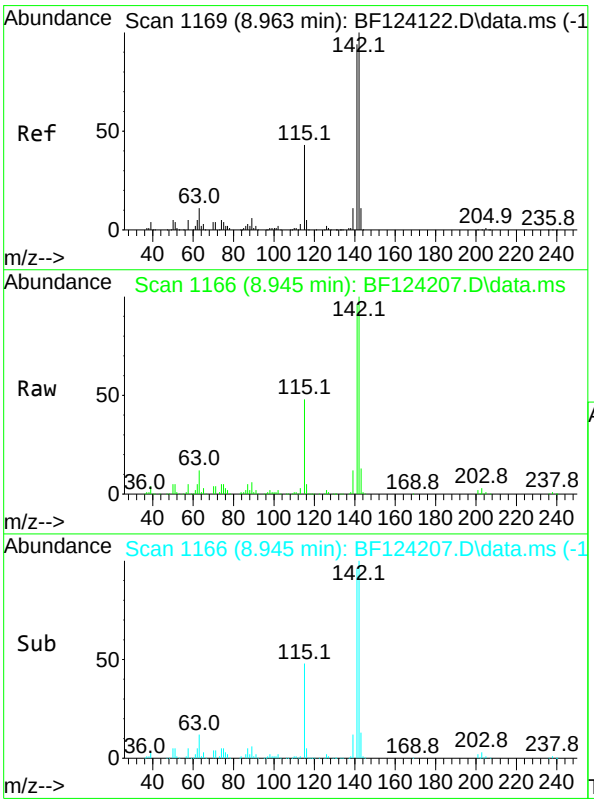


#37
2-Methylnaphthalene
Concen: 38.486 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:142 Resp: 261891

Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.8	107.6

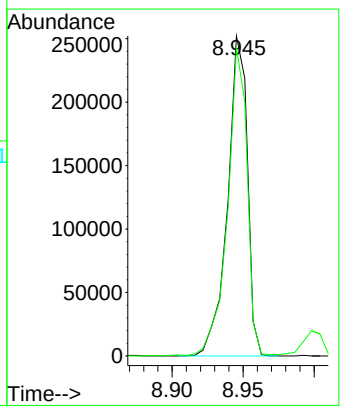




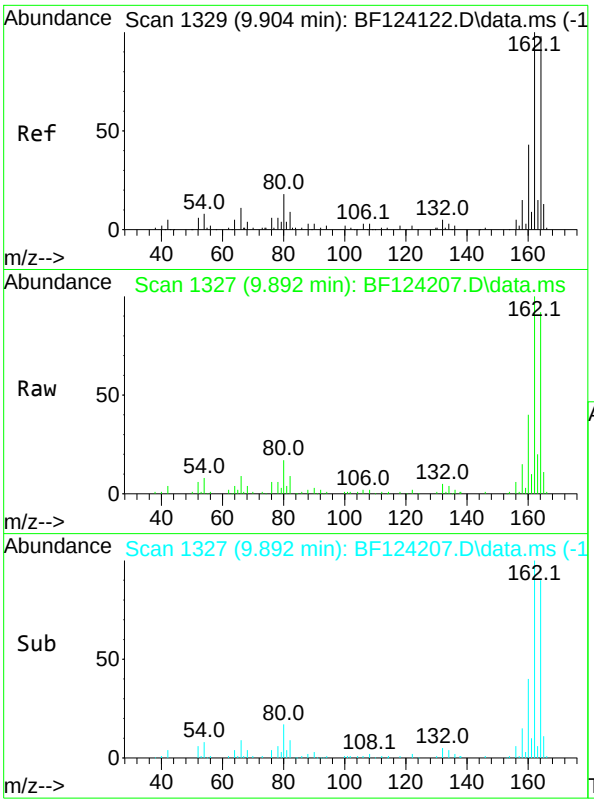
#38
1-Methylnaphthalene
Concen: 38.543 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:142 Resp: 245094

Ion	Ratio	Lower	Upper
142	100		
141	96.5	72.8	109.2



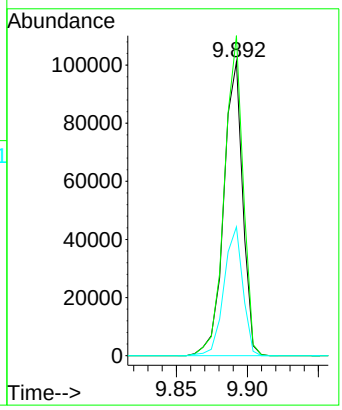
Instrument :
BNA_F
ClientSampleId :
PB136822BS

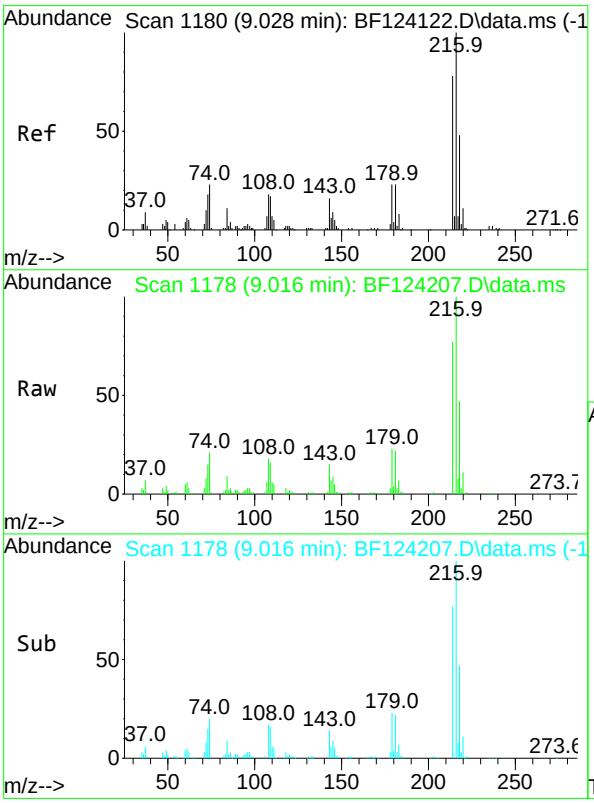


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:164 Resp: 93703

Ion	Ratio	Lower	Upper
164	100		
162	108.9	80.7	121.1
160	43.8	37.3	55.9

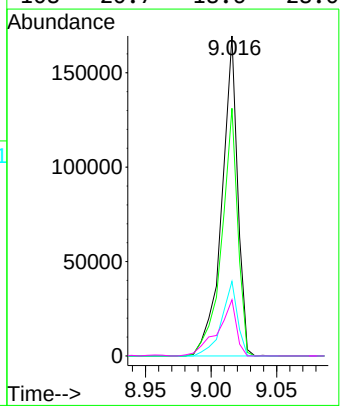




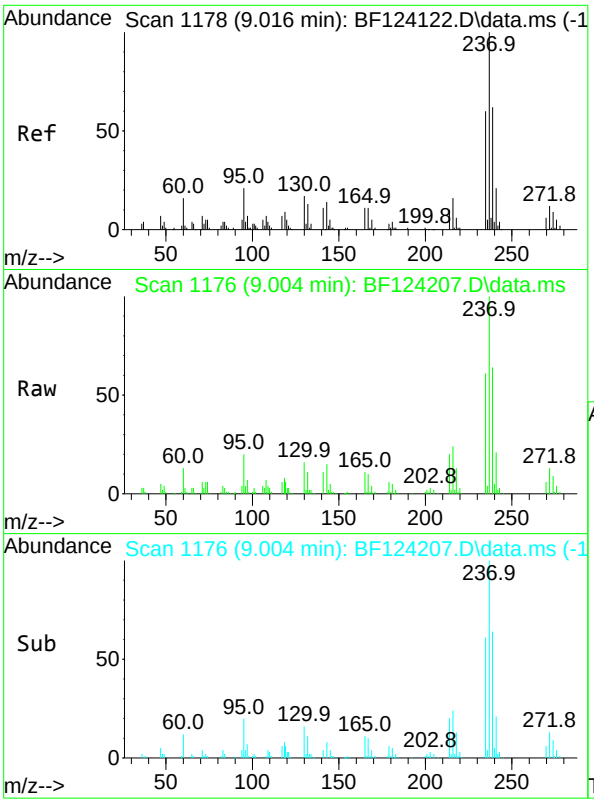
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.821 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:216 Resp: 142162

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.8	95.8
179	23.2	17.9	26.9
108	20.7	18.6	28.0



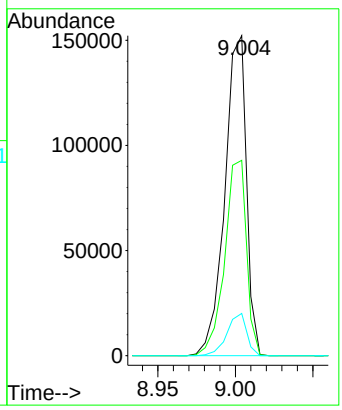
Instrument :
BNA_F
ClientSampleId :
PB136822BS

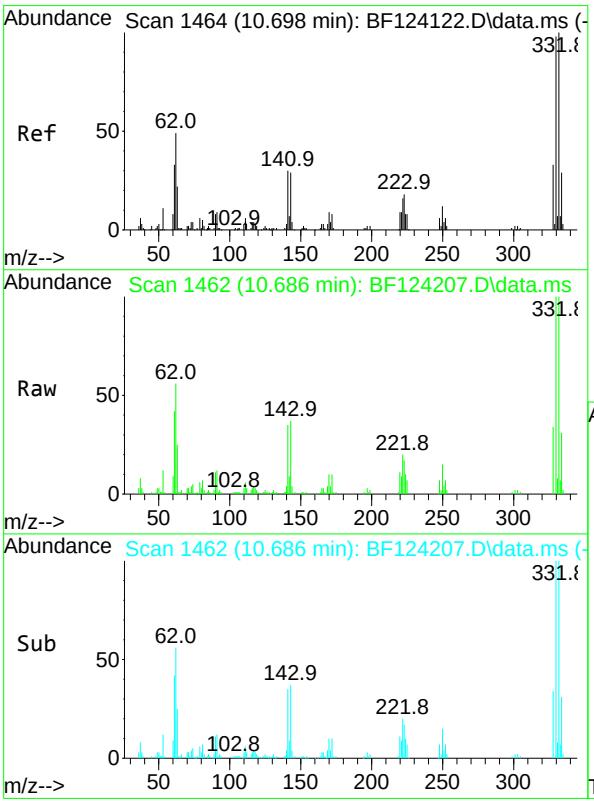


#41
Hexachlorocyclopentadiene
Concen: 81.766 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:237 Resp: 147574

Ion	Ratio	Lower	Upper
237	100		
235	61.0	38.8	78.8
272	13.2	0.0	32.4

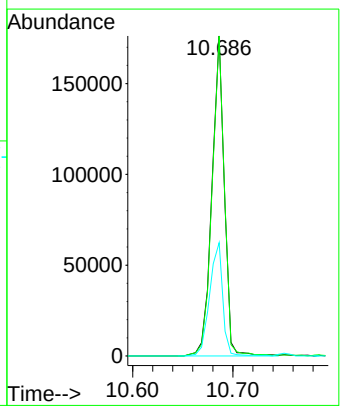




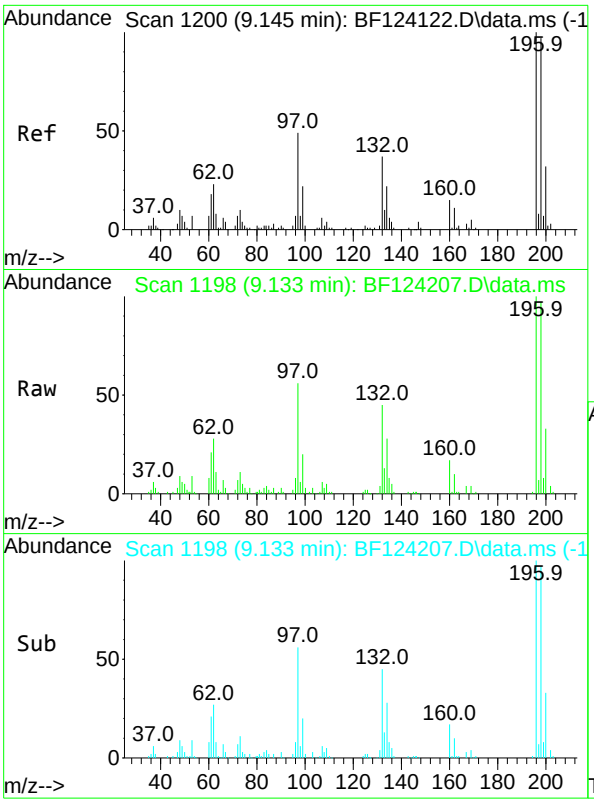
#42
2,4,6-Tribromophenol
Concen: 114.158 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:330 Resp: 151550

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.1	115.7
141	37.4	27.9	41.9



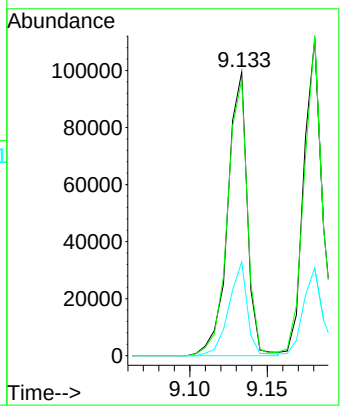
Instrument :
BNA_F
ClientSampleId :
PB136822BS

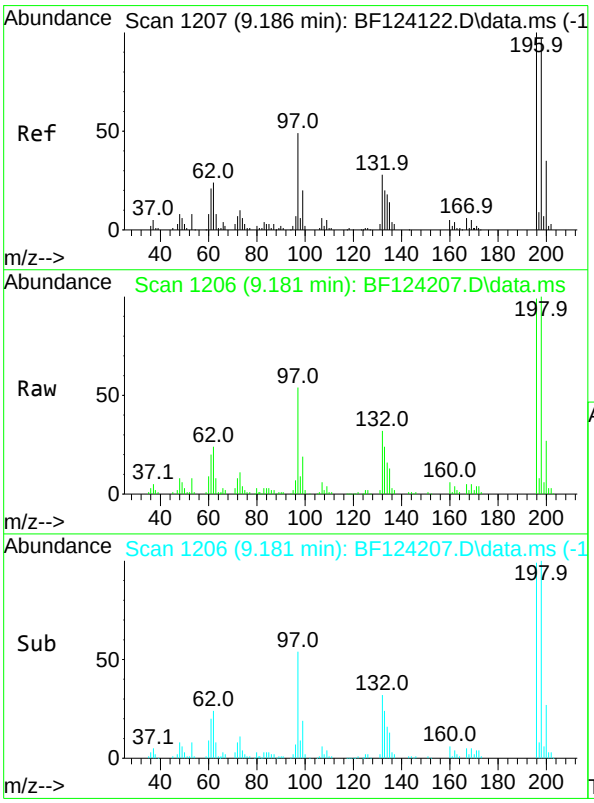


#43
2,4,6-Trichlorophenol
Concen: 40.382 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:196 Resp: 87438

Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.2	117.2
200	33.0	25.0	37.6

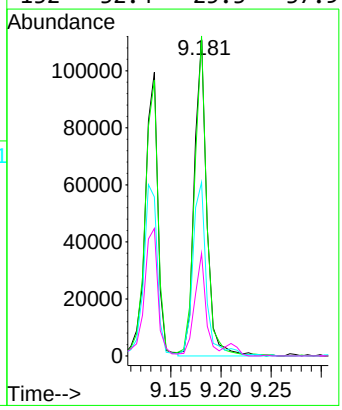




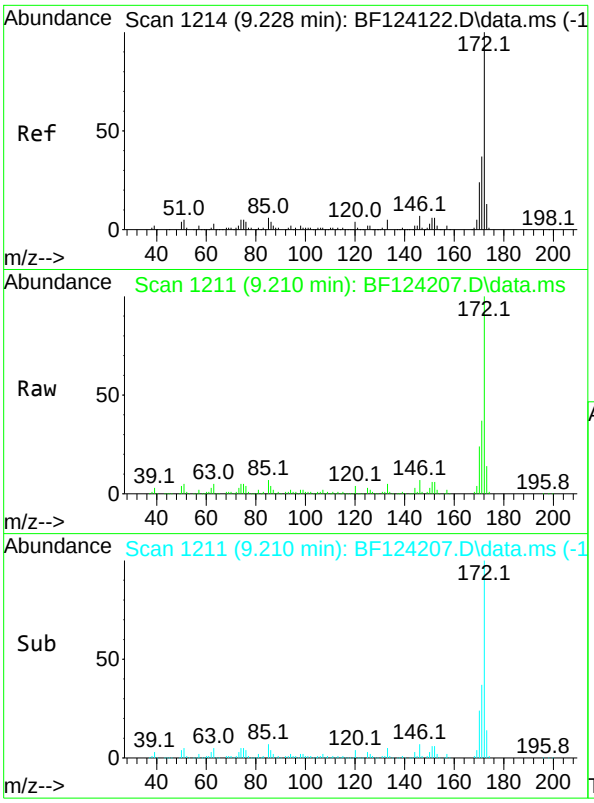
#44
2,4,5-Trichlorophenol
Concen: 41.244 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:196 Resp: 95869

Ion	Ratio	Lower	Upper
196	100		
198	101.0	76.5	114.7
97	54.8	52.9	79.3
132	32.4	25.3	37.9



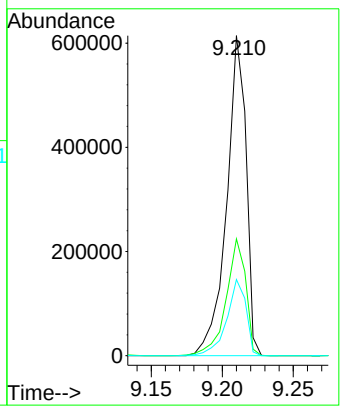
Instrument :
BNA_F
ClientSampleId :
PB136822BS

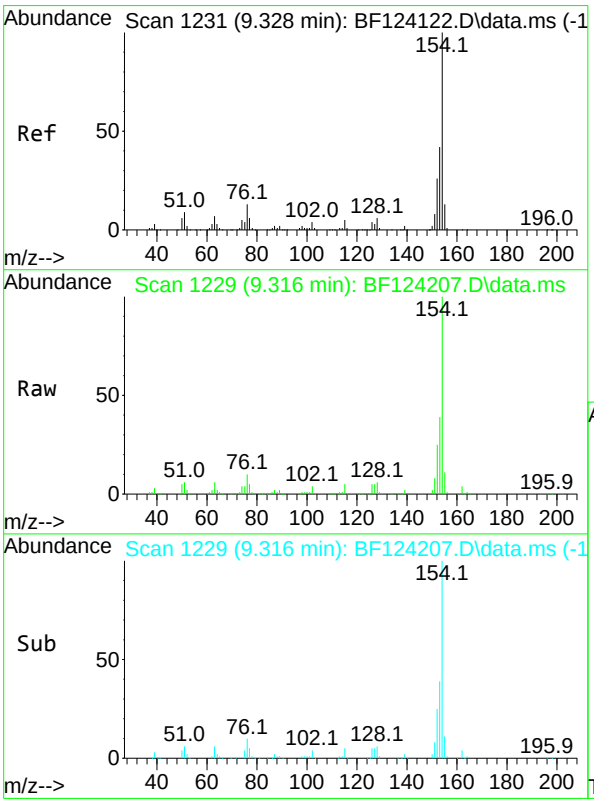


#45
2-Fluorobiphenyl
Concen: 78.524 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:172 Resp: 584720

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.1	42.1
170	23.8	19.2	28.8

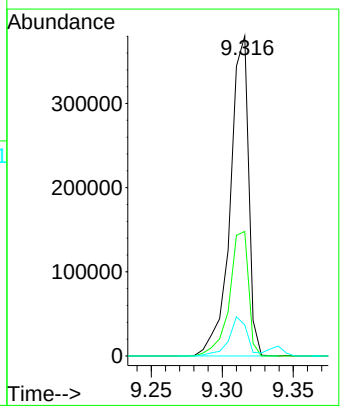




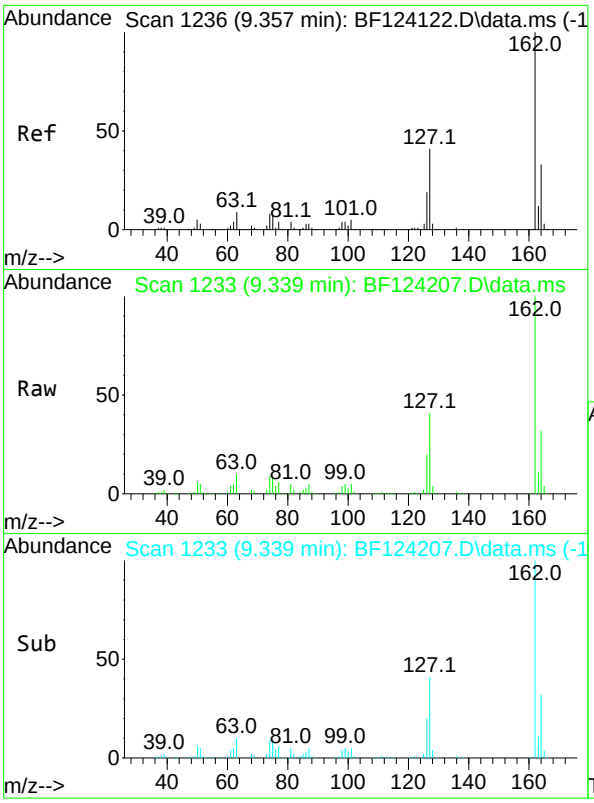
#46
1,1'-Biphenyl
Concen: 43.342 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:154 Resp: 342832

Ion	Ratio	Lower	Upper
154	100		
153	38.9	20.7	60.7
76	9.7	0.0	31.7



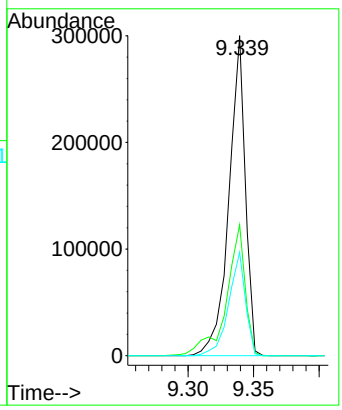
Instrument :
BNA_F
ClientSampleId :
PB136822BS

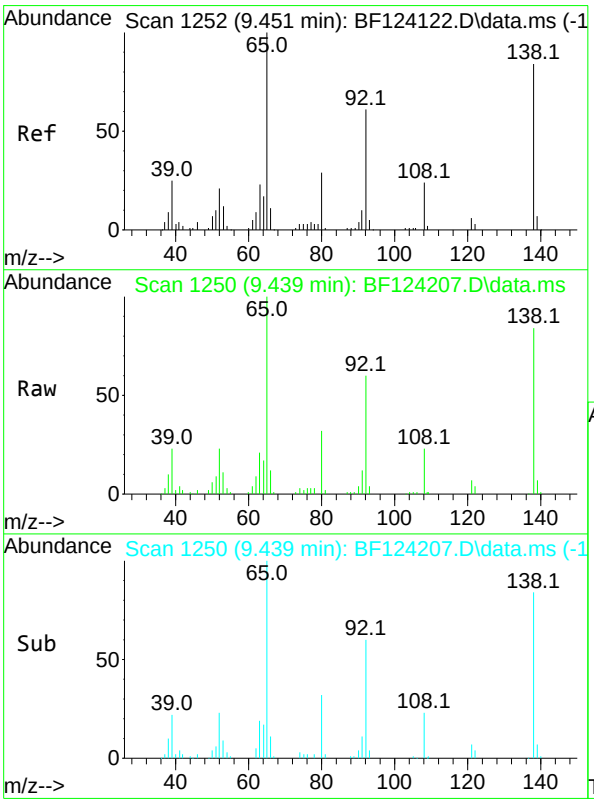


#47
2-Chloronaphthalene
Concen: 40.625 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:162 Resp: 261557

Ion	Ratio	Lower	Upper
162	100		
127	40.9	36.2	54.2
164	32.3	25.4	38.2

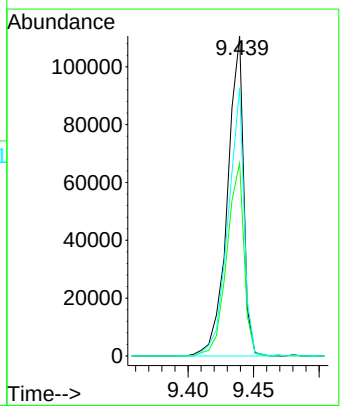




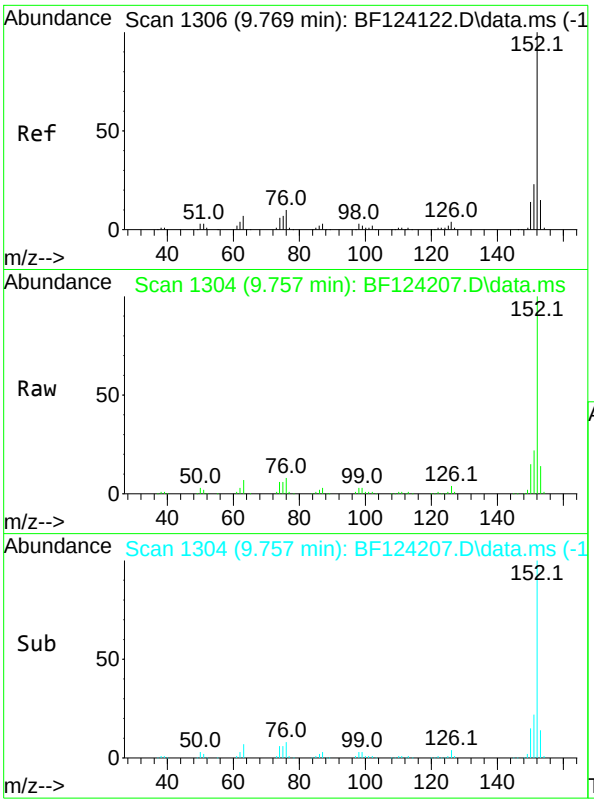
#48
2-Nitroaniline
Concen: 40.862 ng
RT: 9.439 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 65 Resp: 94941

Ion	Ratio	Lower	Upper
65	100		
92	60.3	47.1	70.7
138	83.8	70.2	105.2



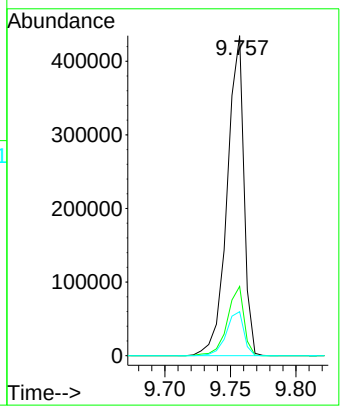
Instrument :
BNA_F
ClientSampleId :
PB136822BS

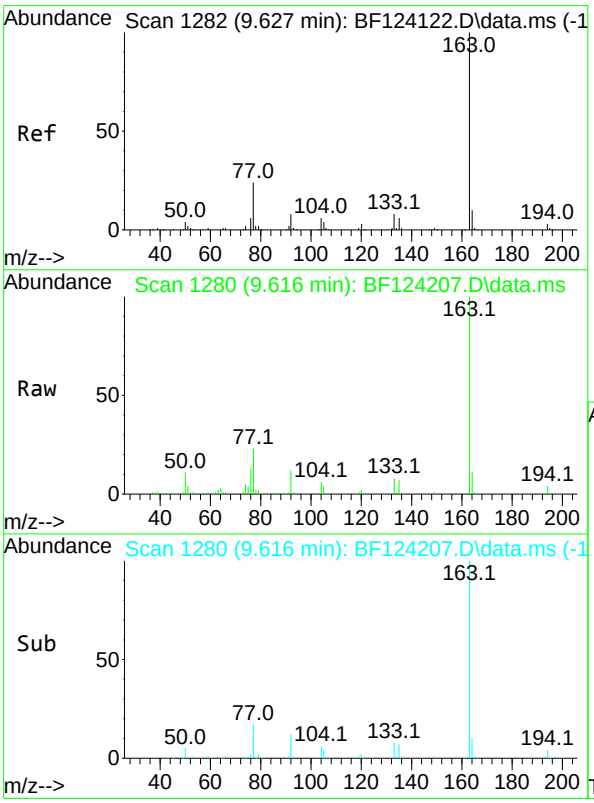


#49
Acenaphthylene
Concen: 41.128 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:152 Resp: 384911

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.0	24.0
153	13.8	10.4	15.6

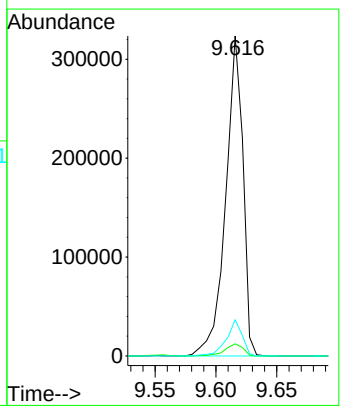




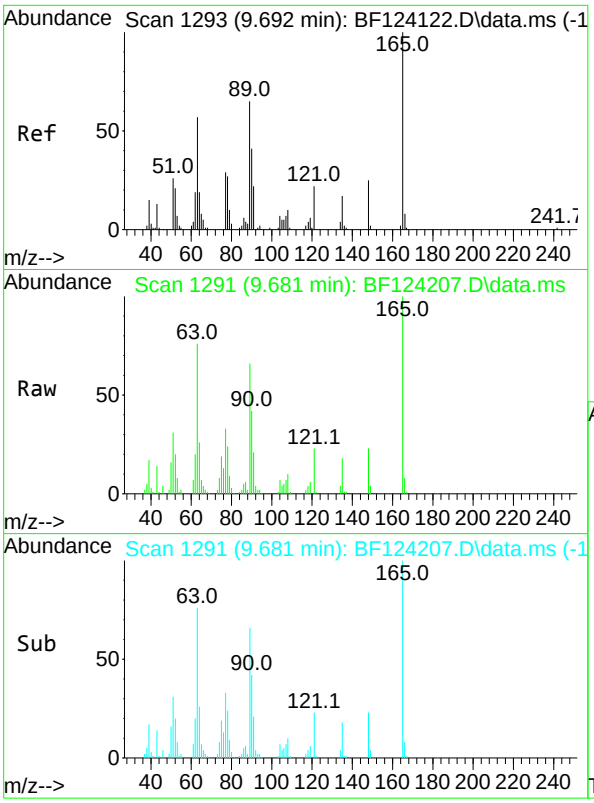
#50
Dimethylphthalate
Concen: 41.195 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:163 Resp: 319361

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	11.3	8.2	12.2



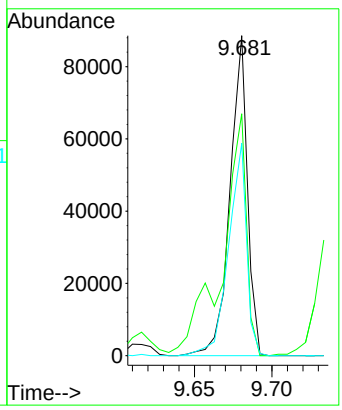
Instrument :
BNA_F
ClientSampleId :
PB136822BS

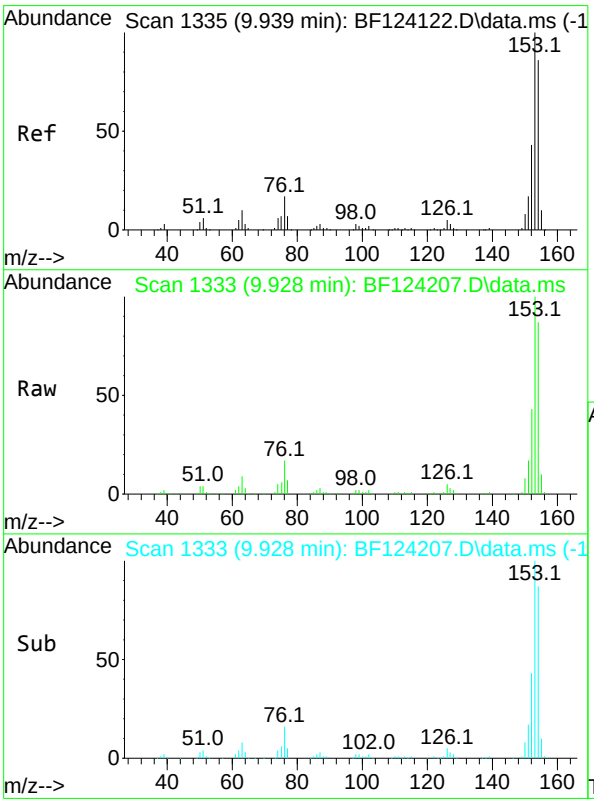


#51
2,6-Dinitrotoluene
Concen: 38.924 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:165 Resp: 69189

Ion	Ratio	Lower	Upper
165	100		
63	75.6	67.7	101.5
89	66.3	58.8	88.2

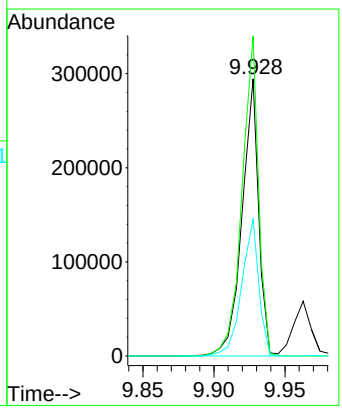




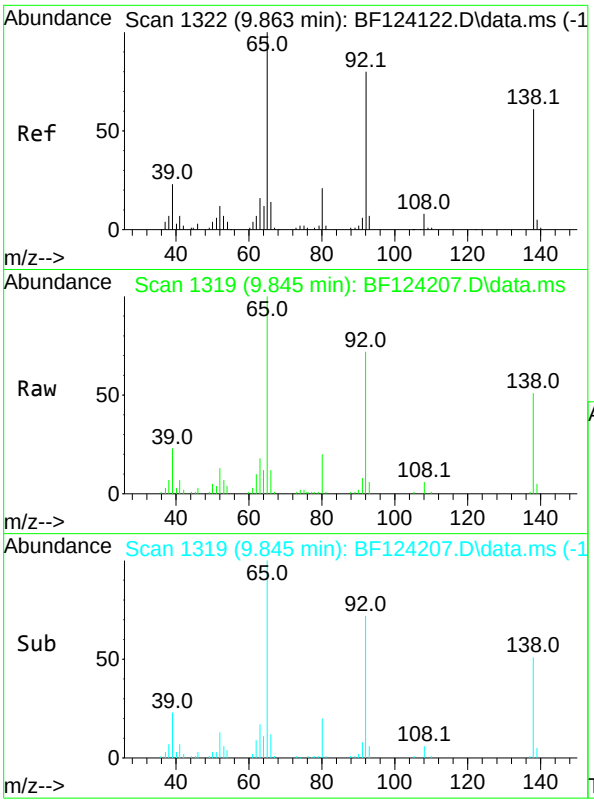
#52
Acenaphthene
Concen: 39.305 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:154 Resp: 240256

Ion	Ratio	Lower	Upper
154	100		
153	115.4	88.1	132.1
152	49.3	43.4	65.0



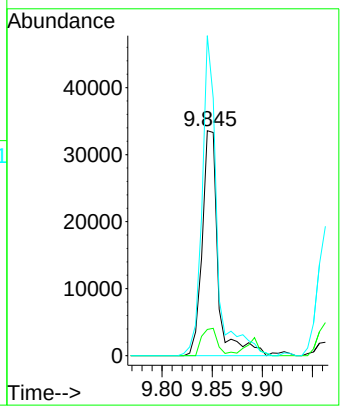
Instrument :
BNA_F
ClientSampleId :
PB136822BS

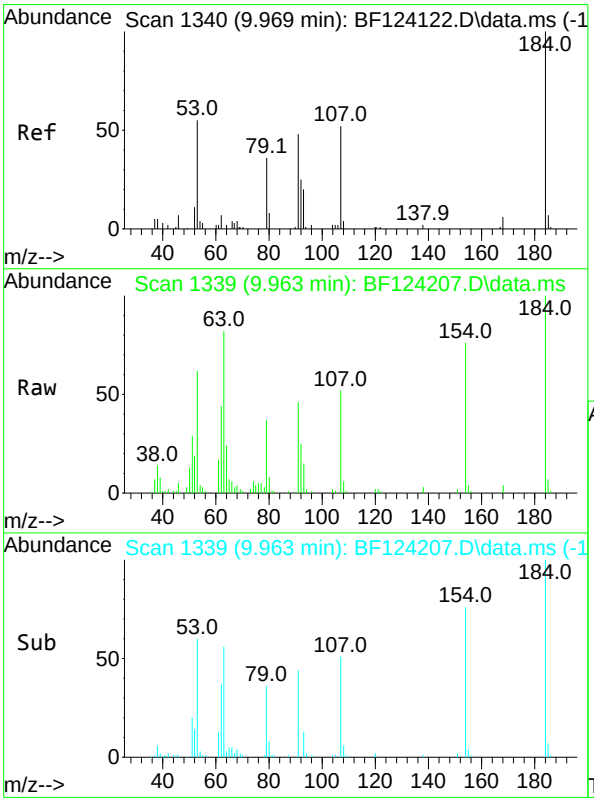


#53
3-Nitroaniline
Concen: 22.338 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:138 Resp: 37162

Ion	Ratio	Lower	Upper
138	100		
108	11.7	10.2	15.4
92	142.2	103.3	154.9

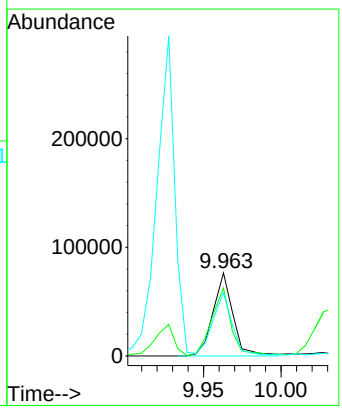




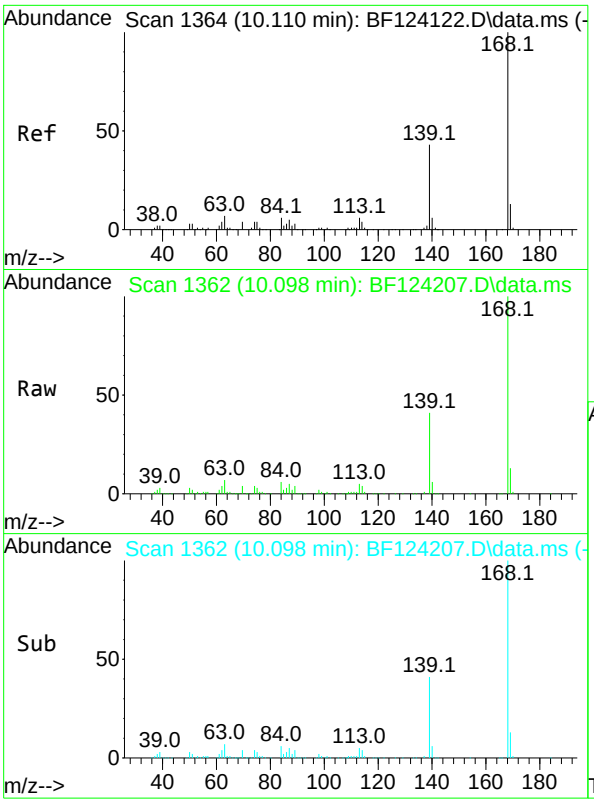
#54
2,4-Dinitrophenol
Concen: 75.287 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:184 Resp: 68225

Ion	Ratio	Lower	Upper
184	100		
63	81.8	73.5	110.3
154	76.2	52.5	78.7



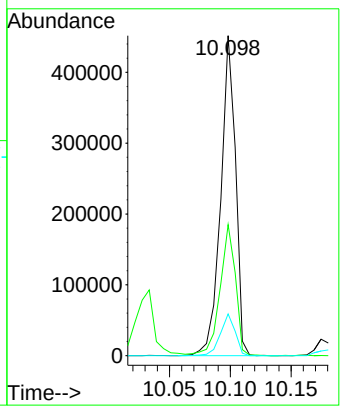
Instrument :
BNA_F
ClientSampleId :
PB136822BS

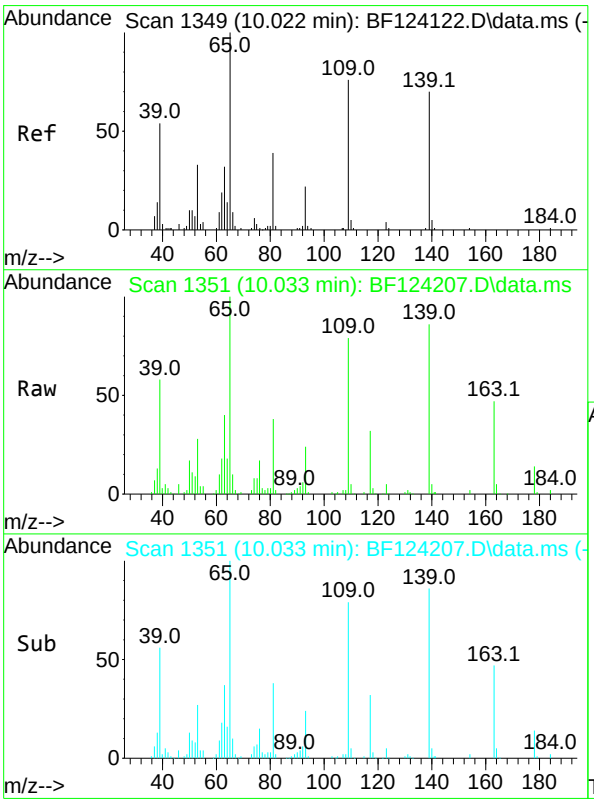


#55
Dibenzofuran
Concen: 40.098 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:168 Resp: 383609

Ion	Ratio	Lower	Upper
168	100		
139	41.0	33.2	49.8
169	13.1	10.8	16.2

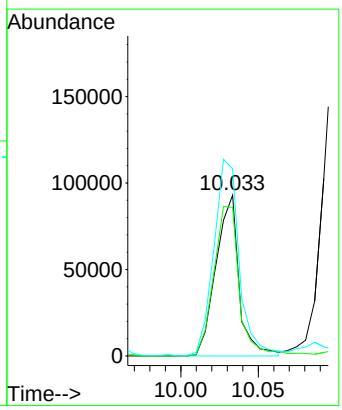




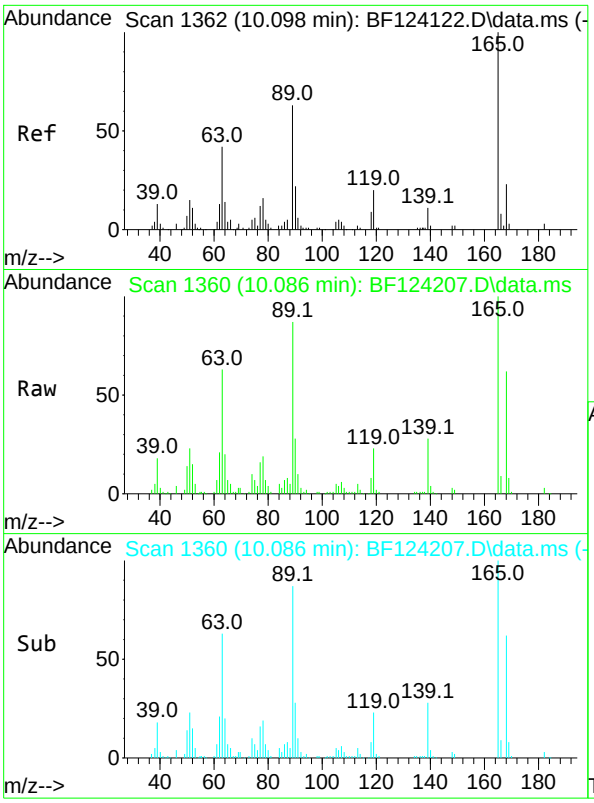
#56
4-Nitrophenol
Concen: 80.978 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:139 Resp: 96279

Ion	Ratio	Lower	Upper
139	100		
109	92.5	63.2	103.2
65	116.5	110.0	150.0



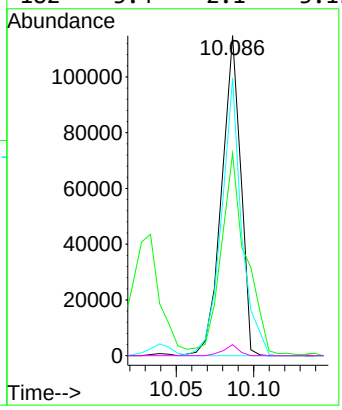
Instrument :
BNA_F
ClientSampleId :
PB136822BS

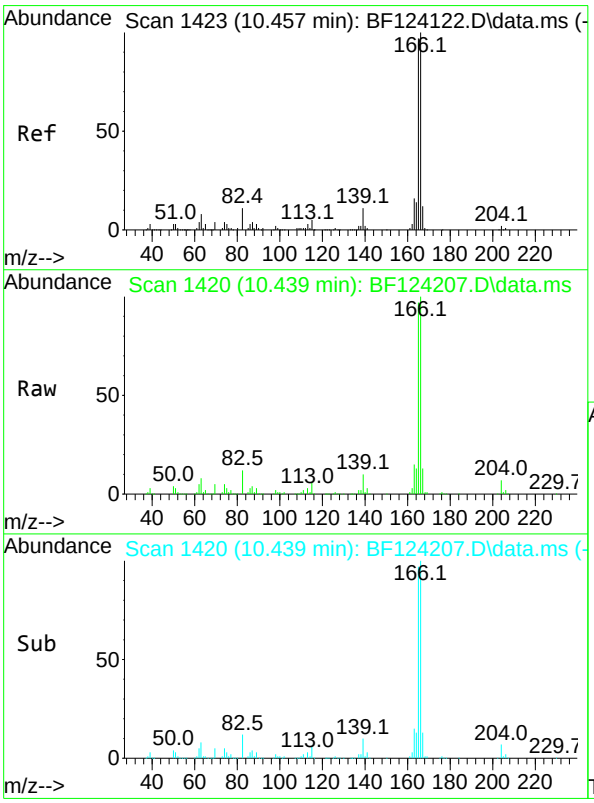


#57
2,4-Dinitrotoluene
Concen: 41.967 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:165 Resp: 98383

Ion	Ratio	Lower	Upper
165	100		
63	63.2	43.5	65.3
89	86.8	67.7	101.5
182	3.4	2.1	3.1#

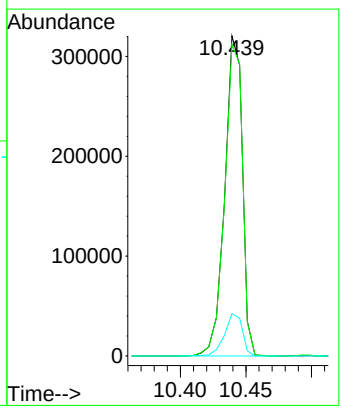




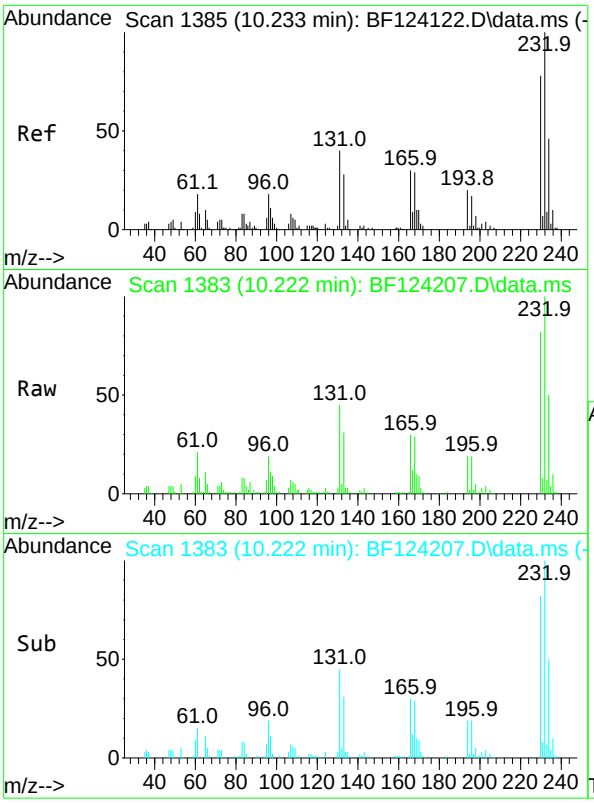
#58
Fluorene
Concen: 40.717 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:166 Resp: 299005

Ion	Ratio	Lower	Upper
166	100		
165	97.4	73.5	110.3
167	13.2	10.7	16.1



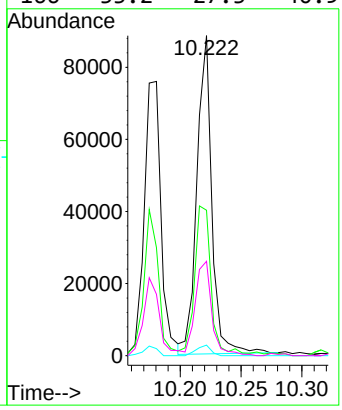
Instrument :
BNA_F
ClientSampleId :
PB136822BS

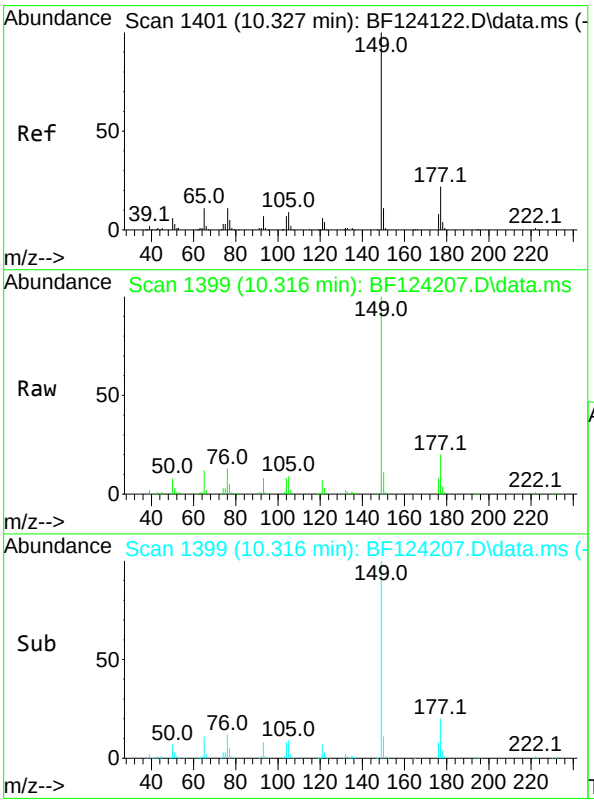


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.121 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:232 Resp: 75572

Ion	Ratio	Lower	Upper
232	100		
131	49.9	43.2	64.8
130	3.2	2.2	3.2
166	33.2	27.3	40.9

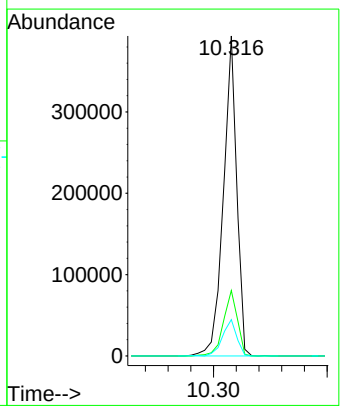




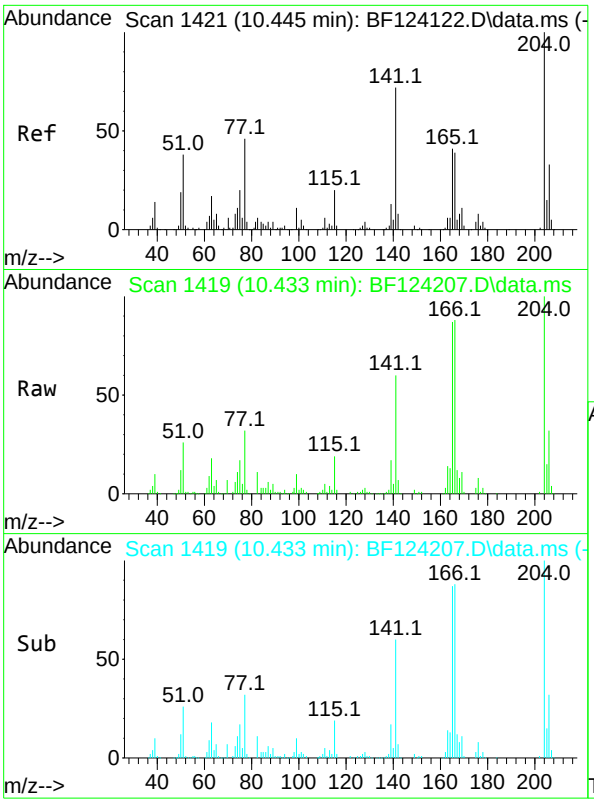
#60
Diethylphthalate
Concen: 41.083 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:149 Resp: 321426

Ion	Ratio	Lower	Upper
149	100		
177	20.5	15.4	23.2
150	11.4	9.9	14.9



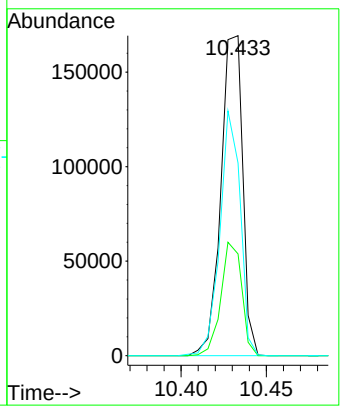
Instrument :
BNA_F
ClientSampleId :
PB136822BS

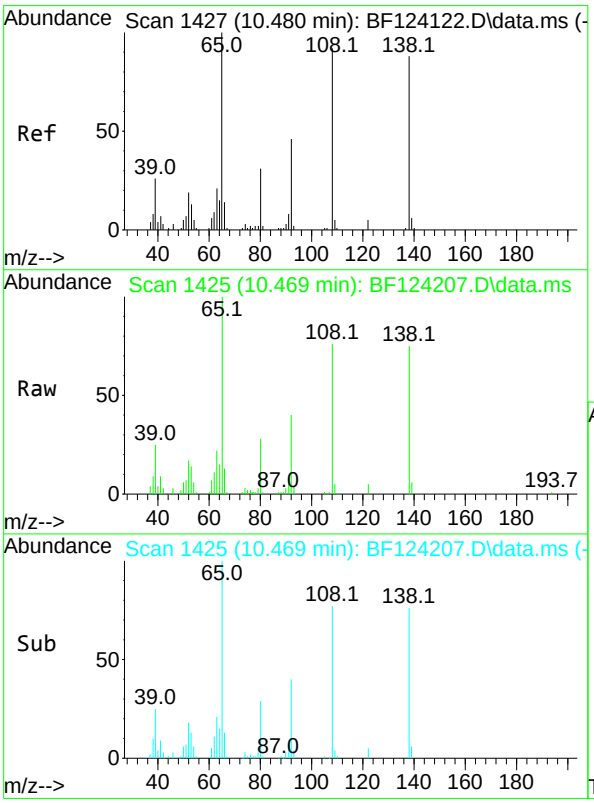


#61
4-Chlorophenyl-phenylether
Concen: 40.130 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:204 Resp: 150681

Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.7	38.5
141	60.2	55.5	83.3

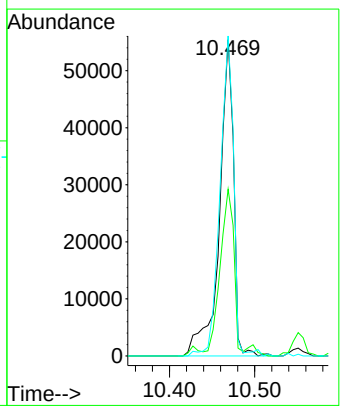




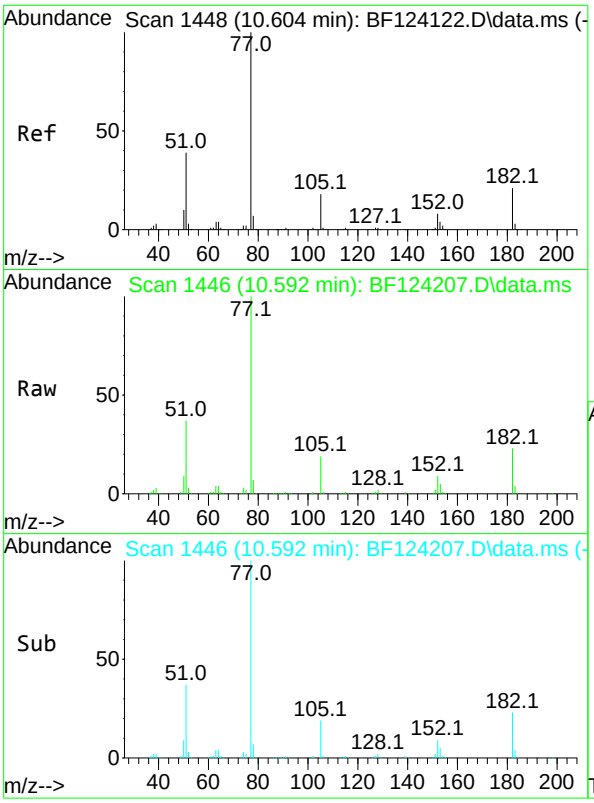
#62
4-Nitroaniline
Concen: 38.535 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:138 Resp: 64459

Ion	Ratio	Lower	Upper
138	100		
92	52.7	35.8	75.8
108	101.2	63.6	103.6



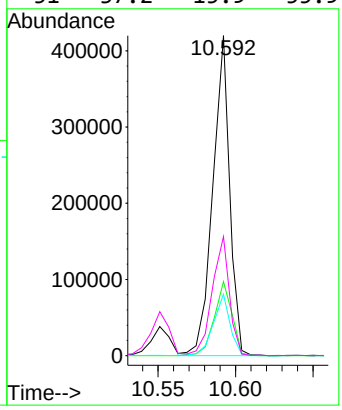
Instrument :
BNA_F
ClientSampleId :
PB136822BS

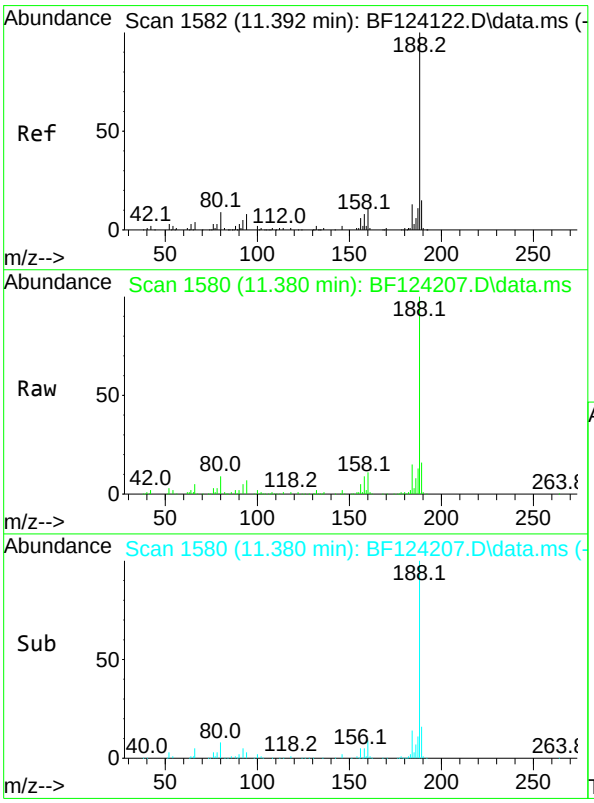


#63
Azobenzene
Concen: 39.054 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion: 77 Resp: 318505

Ion	Ratio	Lower	Upper
77	100		
182	23.2	1.7	41.7
105	19.2	1.7	41.7
51	37.2	15.9	55.9

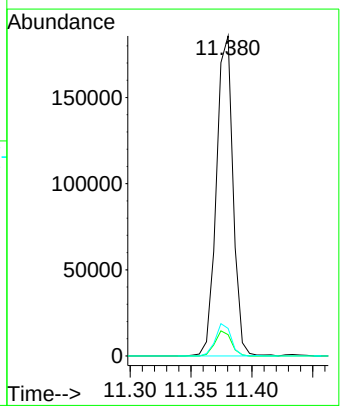




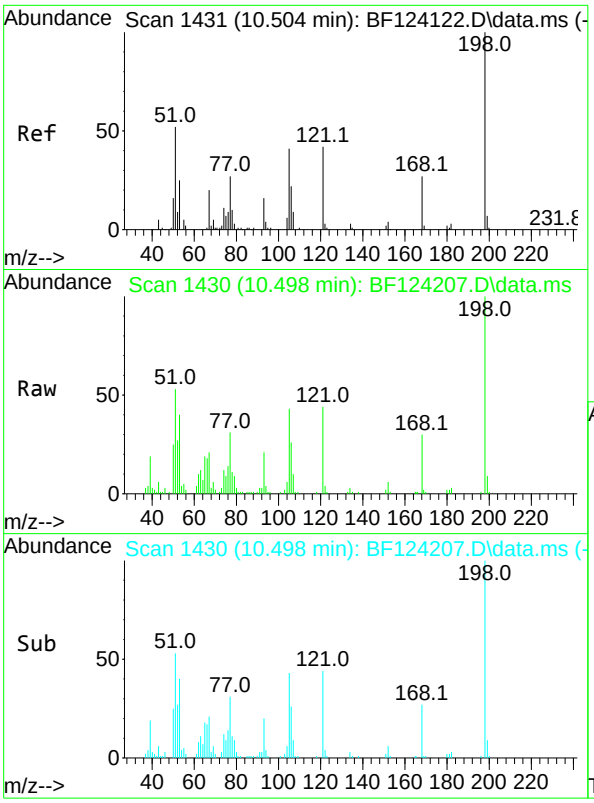
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:188 Resp: 176519

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	8.6	8.2	12.2



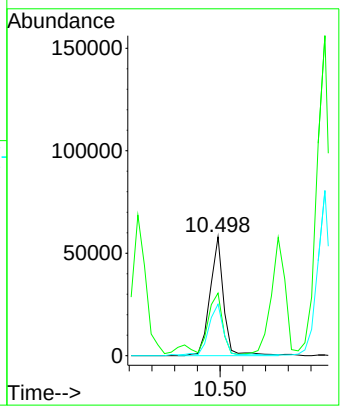
Instrument :
BNA_F
ClientSampleId :
PB136822BS

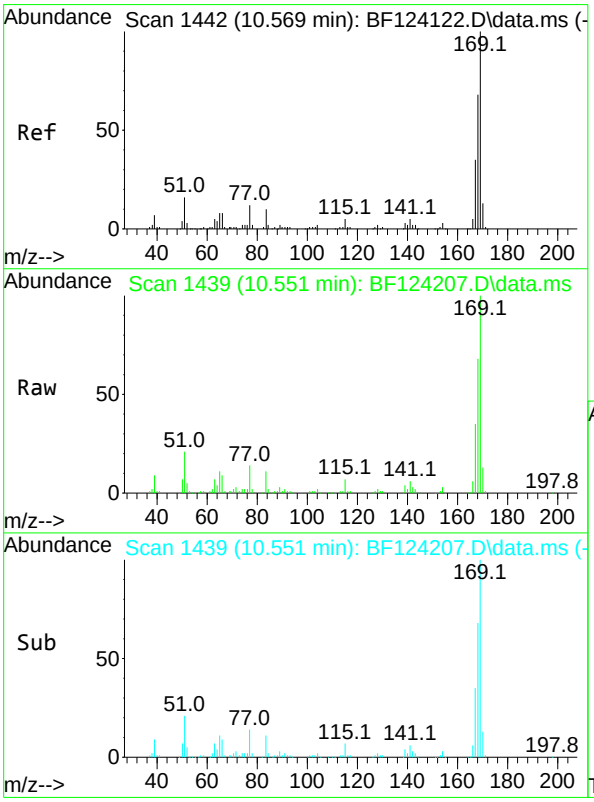


#65
4,6-Dinitro-2-methylphenol
Concen: 33.862 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:198 Resp: 48036

Ion	Ratio	Lower	Upper
198	100		
51	52.6	64.8	104.8#
105	43.4	42.6	82.6

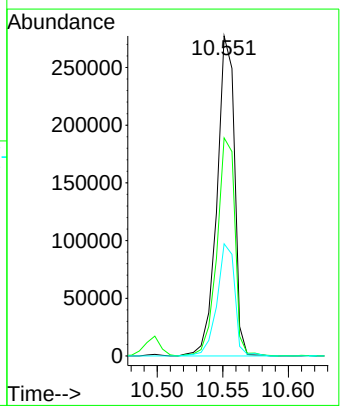




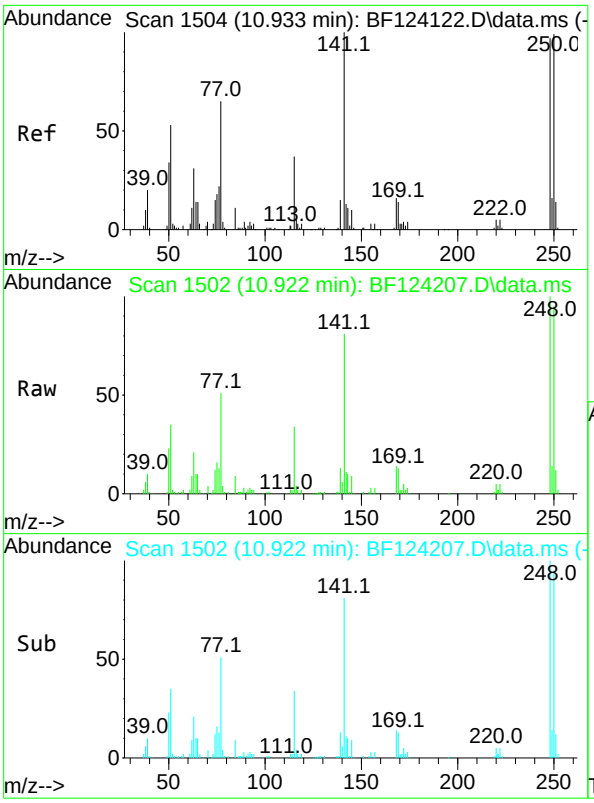
#66
n-Nitrosodiphenylamine
Concen: 38.401 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:169 Resp: 257555

Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.3	79.9
167	35.1	29.9	44.9



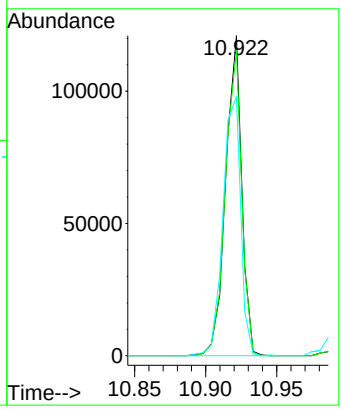
Instrument :
BNA_F
ClientSampleId :
PB136822BS

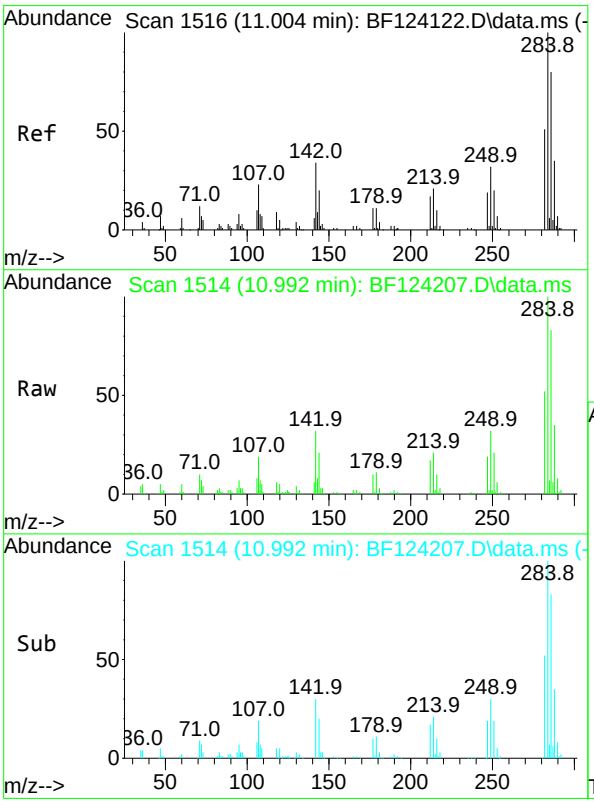


#67
4-Bromophenyl-phenylether
Concen: 39.139 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:248 Resp: 94829

Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.4	116.2
141	80.8	63.7	95.5

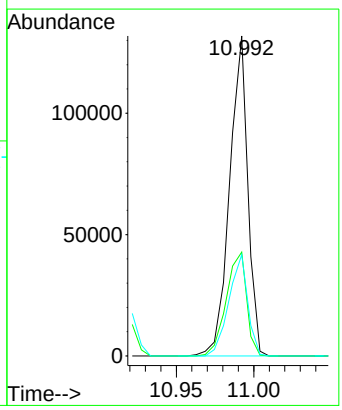




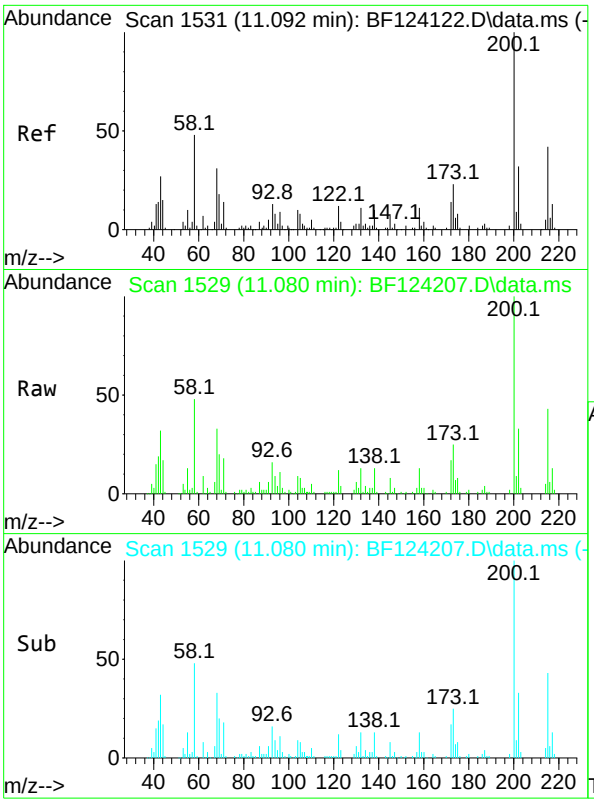
#68
Hexachlorobenzene
Concen: 39.245 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:284 Resp: 107697

Ion	Ratio	Lower	Upper
284	100		
142	32.4	28.3	42.5
249	31.7	23.5	35.3



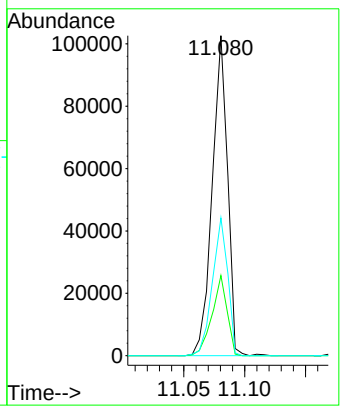
Instrument :
BNA_F
ClientSampleId :
PB136822BS

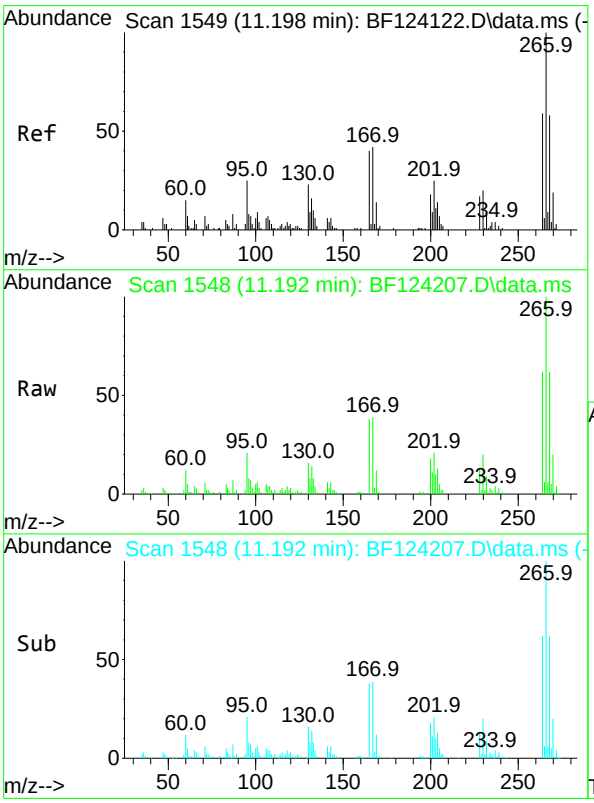


#69
Atrazine
Concen: 47.210 ng
RT: 11.080 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:200 Resp: 89632

Ion	Ratio	Lower	Upper
200	100		
173	25.0	6.9	46.9
215	43.1	26.5	66.5

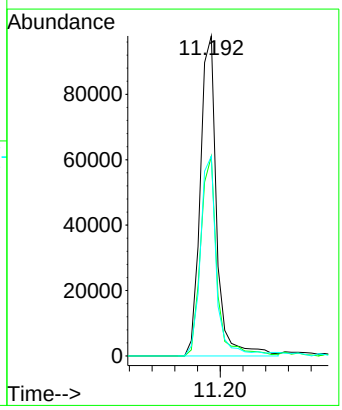




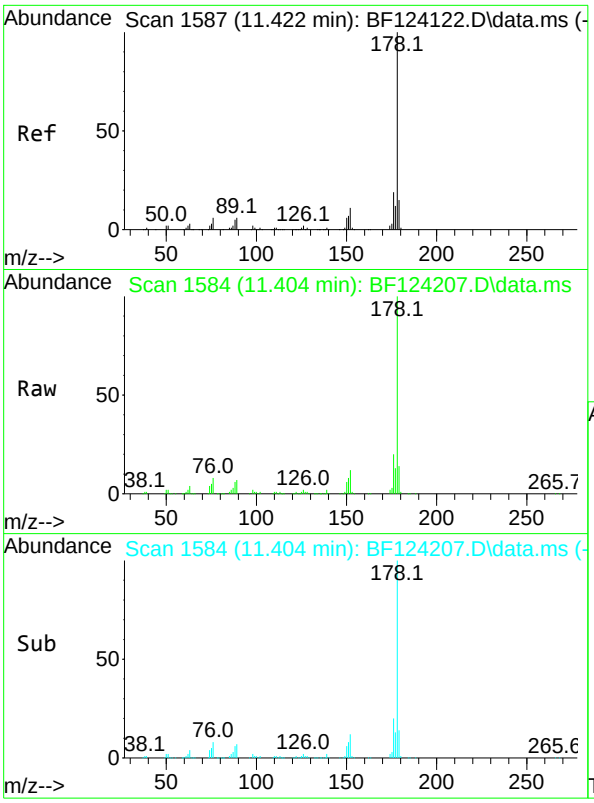
#70
Pentachlorophenol
Concen: 68.482 ng
RT: 11.192 min Scan# 1548
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:266 Resp: 98001

Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.6	77.4
264	62.4	52.6	78.8



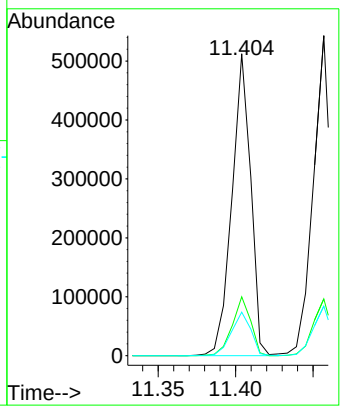
Instrument :
BNA_F
ClientSampleId :
PB136822BS

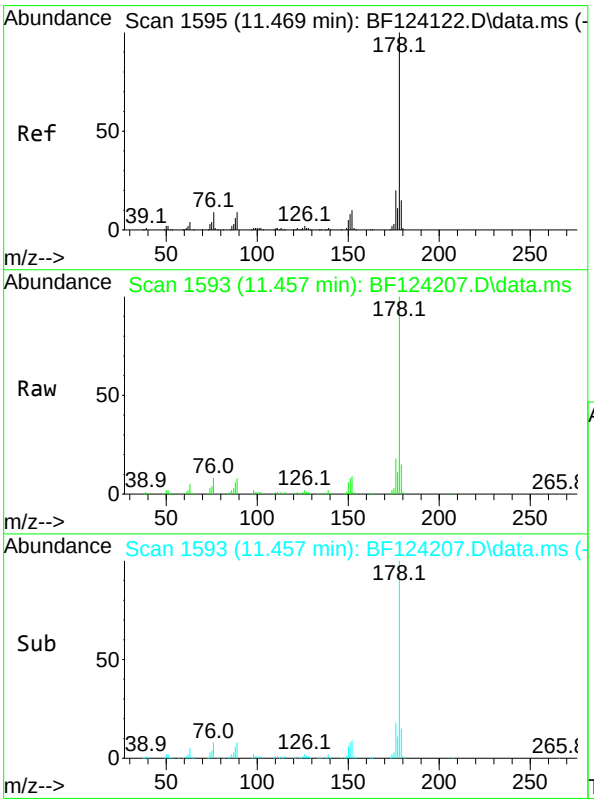


#71
Phenanthrene
Concen: 39.199 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:178 Resp: 432240

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	14.4	12.5	18.7

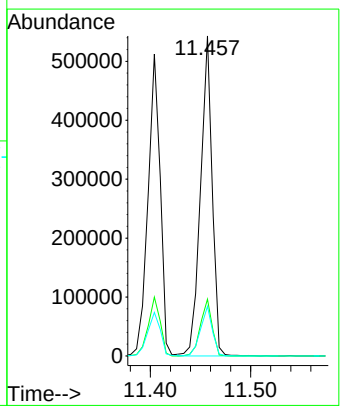




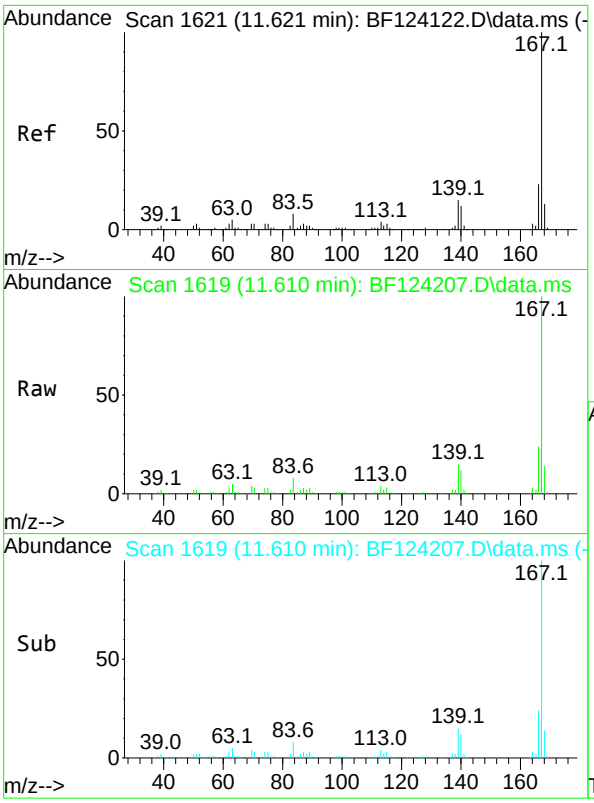
#72
Anthracene
Concen: 39.737 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:178 Resp: 441288

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.0
179	15.5	12.6	18.8



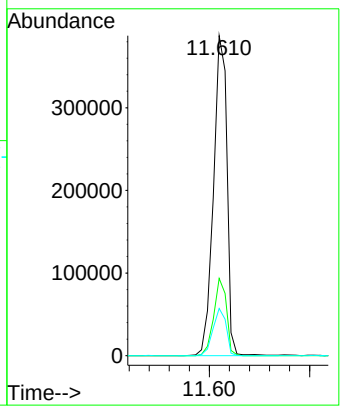
Instrument :
BNA_F
ClientSampleId :
PB136822BS

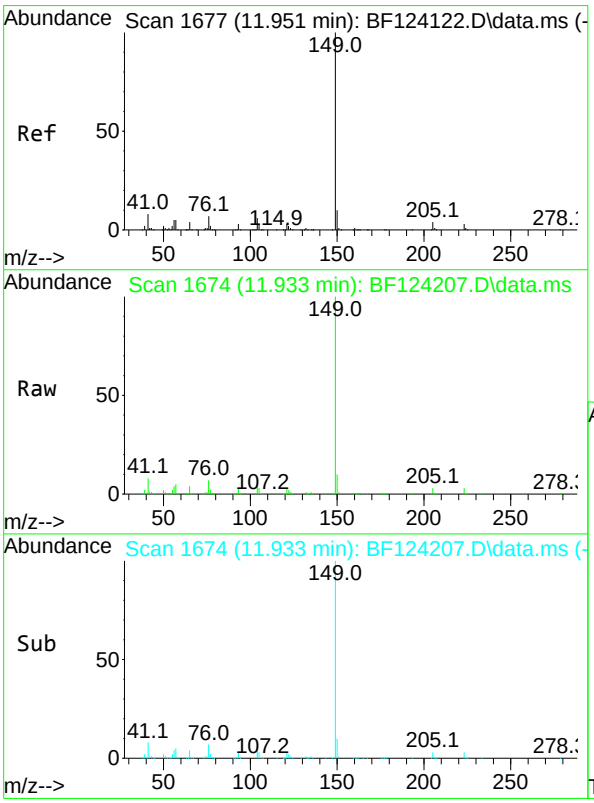


#73
Carbazole
Concen: 37.301 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:167 Resp: 360979

Ion	Ratio	Lower	Upper
167	100		
166	24.1	17.0	25.6
139	14.7	10.4	15.6

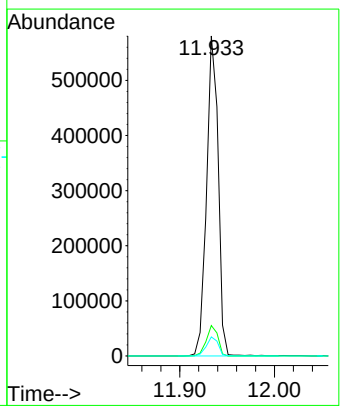




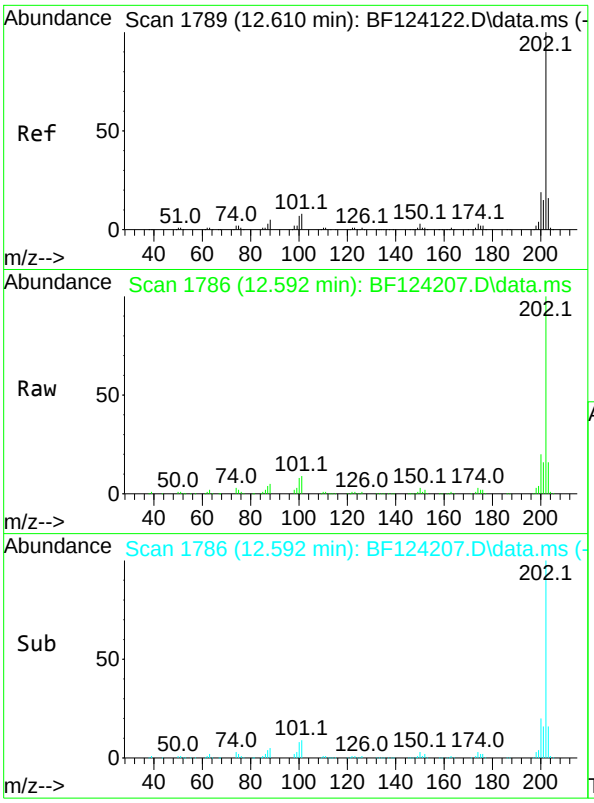
#74
Di-n-butylphthalate
Concen: 39.621 ng
RT: 11.933 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:149 Resp: 492761

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	6.0	4.6	6.8



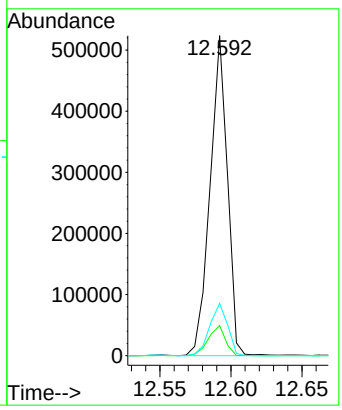
Instrument :
BNA_F
ClientSampleId :
PB136822BS

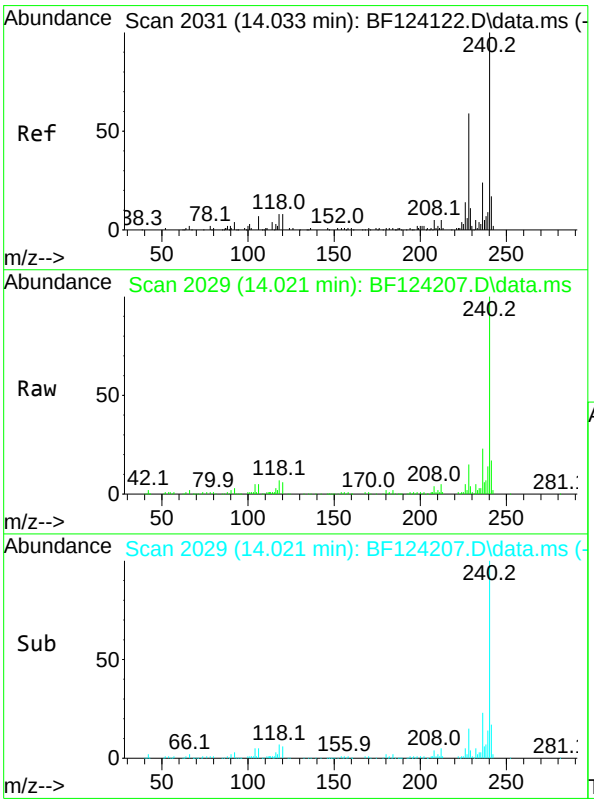


#75
Fluoranthene
Concen: 38.562 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:202 Resp: 446337

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.9
203	16.4	0.0	37.5

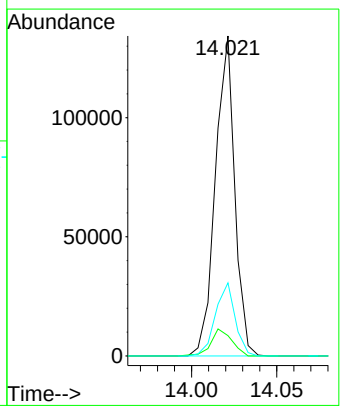




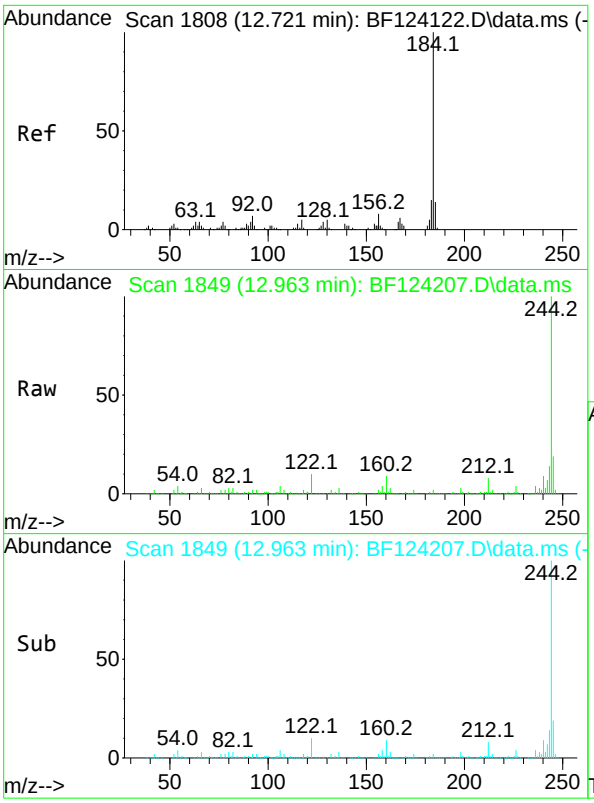
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:240 Resp: 106138

Ion	Ratio	Lower	Upper
240	100		
120	6.4	7.2	10.8#
236	22.9	19.0	28.4



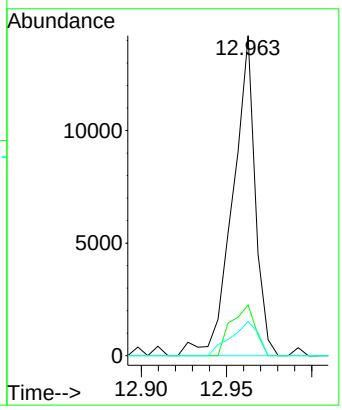
Instrument :
BNA_F
ClientSampleId :
PB136822BS

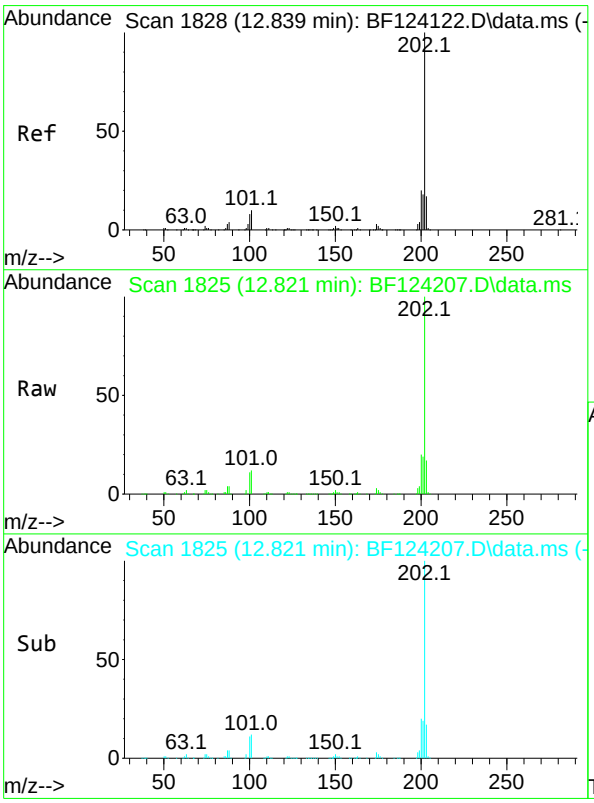


#77
Benzidine
Concen: 8.881 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.253 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:184 Resp: 13026

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.1	18.1
183	10.7	7.8	11.8

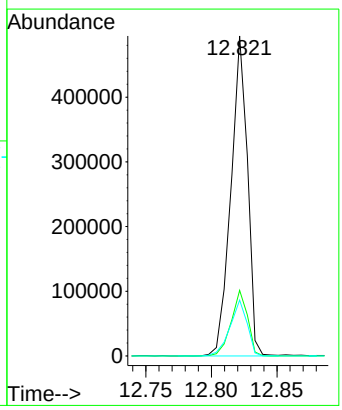




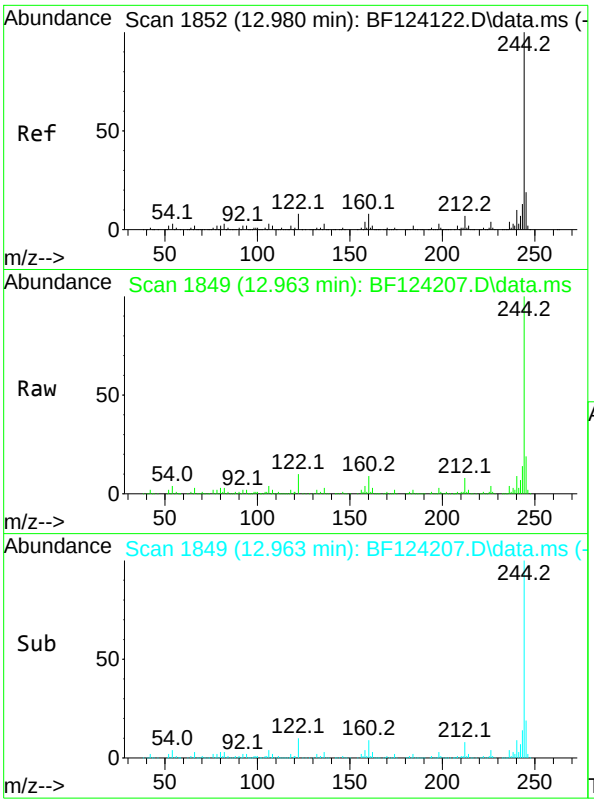
#78
Pyrene
Concen: 42.718 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:202 Resp: 435377

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.1	24.1
203	17.5	14.8	22.2



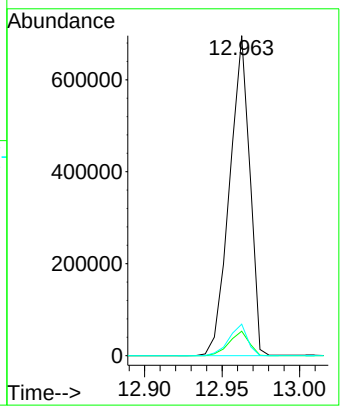
Instrument :
BNA_F
ClientSampleId :
PB136822BS

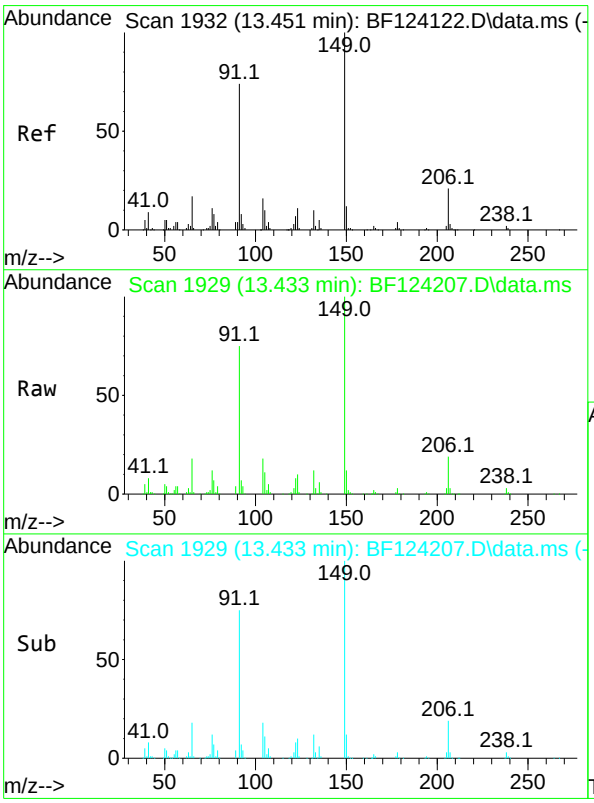


#79
Terphenyl-d14
Concen: 81.696 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:244 Resp: 631557

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	9.8	9.7	14.5

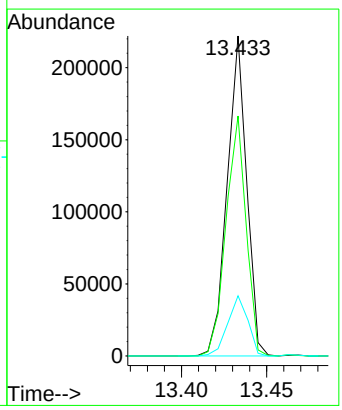




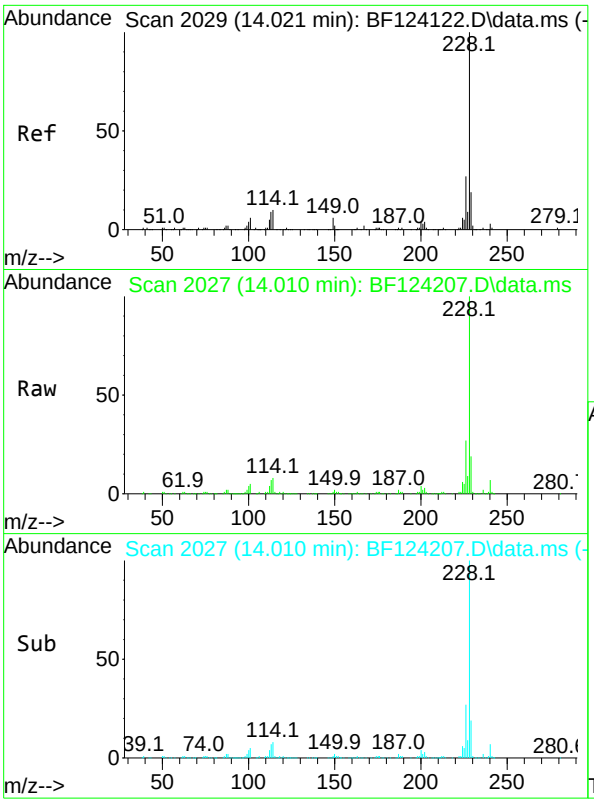
#80
Butylbenzylphthalate
Concen: 42.794 ng
RT: 13.433 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:149 Resp: 176931

Ion	Ratio	Lower	Upper
149	100		
91	75.0	63.6	95.4
206	18.8	14.5	21.7



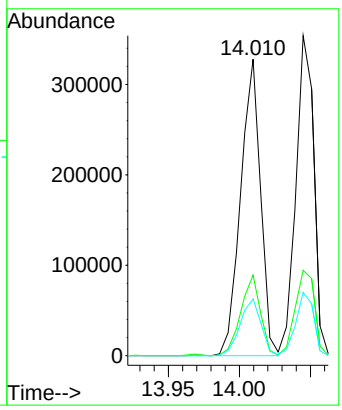
Instrument :
BNA_F
ClientSampleId :
PB136822BS

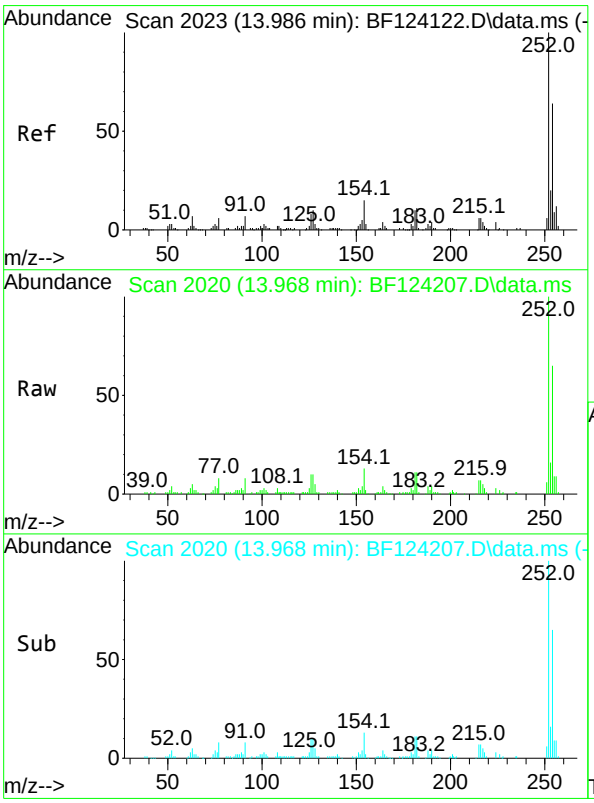


#81
Benzo(a)anthracene
Concen: 41.462 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:228 Resp: 320591

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.4	33.6
229	19.2	16.0	24.0

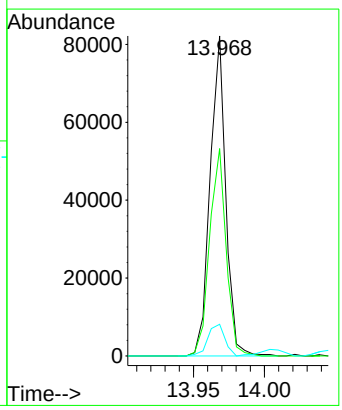




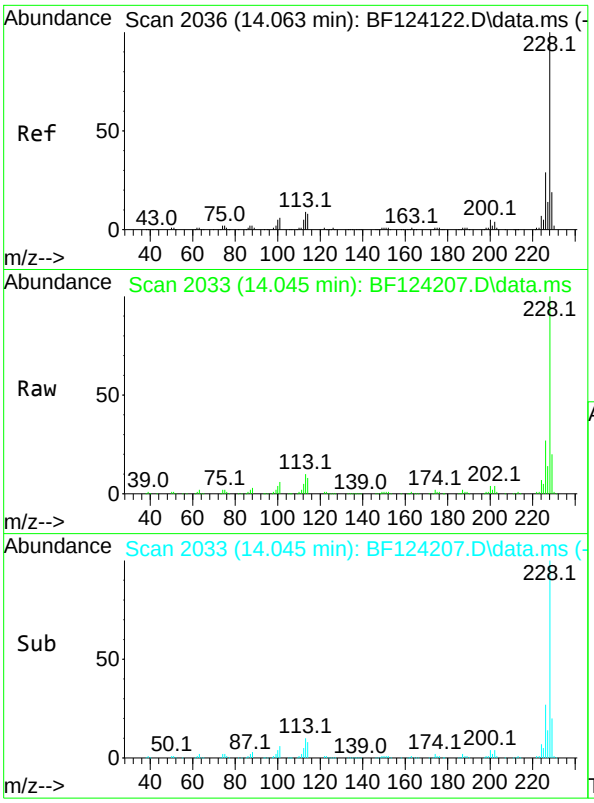
#82
3,3'-Dichlorobenzidine
Concen: 27.687 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:252 Resp: 62803

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	9.9	7.7	11.5



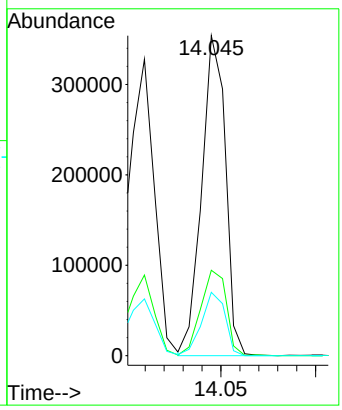
Instrument :
BNA_F
ClientSampleId :
PB136822BS

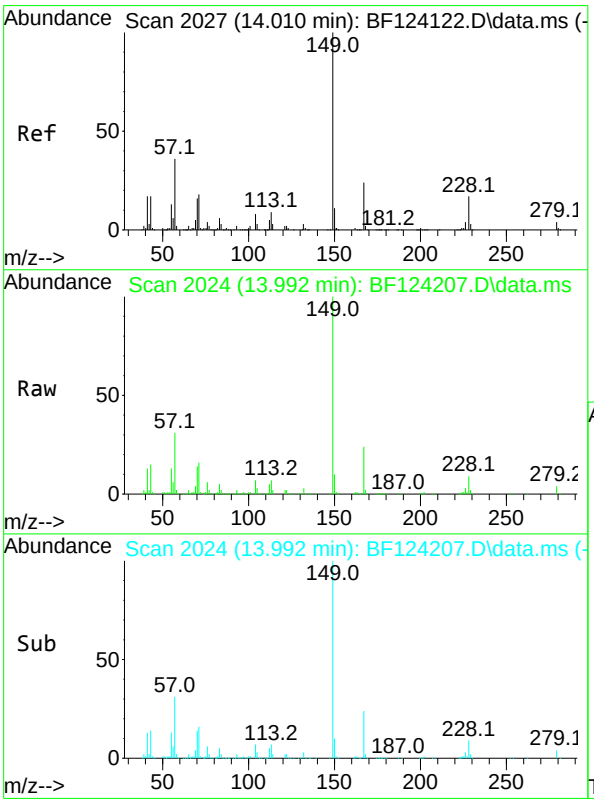


#83
Chrysene
Concen: 41.517 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:228 Resp: 309713

Ion	Ratio	Lower	Upper
228	100		
226	26.7	24.3	36.5
229	19.8	16.2	24.2

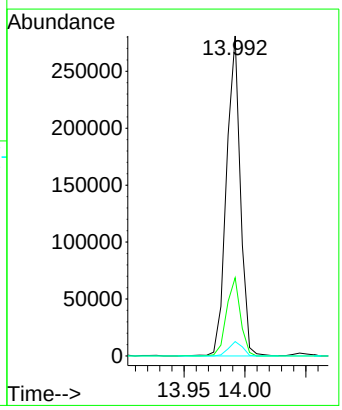




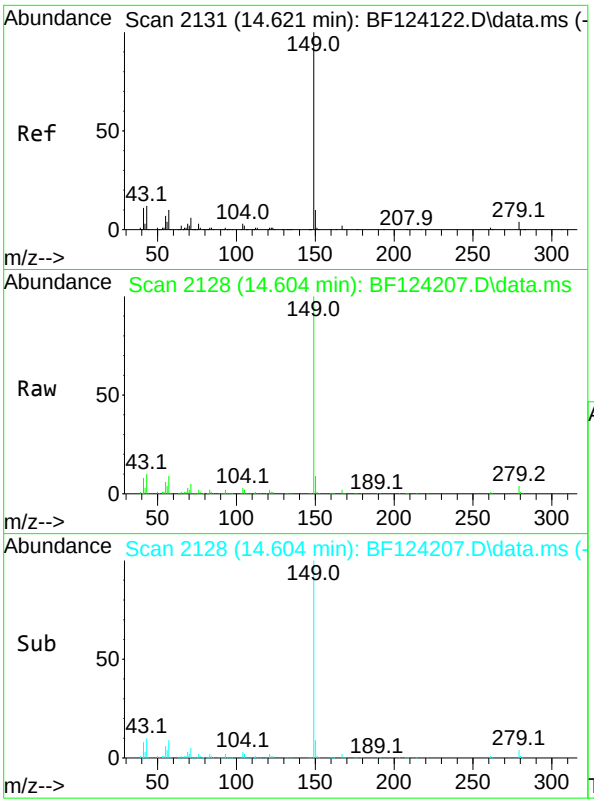
#84
Bis(2-ethylhexyl)phthalate
Concen: 45.418 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:149 Resp: 223370

Ion	Ratio	Lower	Upper
149	100		
167	24.5	21.8	32.6
279	4.5	3.3	4.9



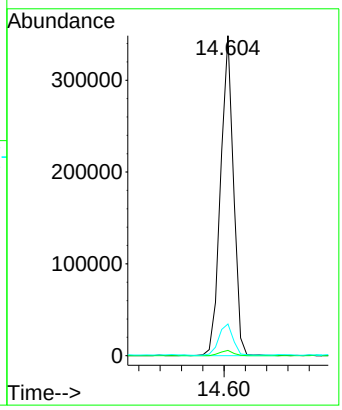
Instrument :
BNA_F
ClientSampleId :
PB136822BS

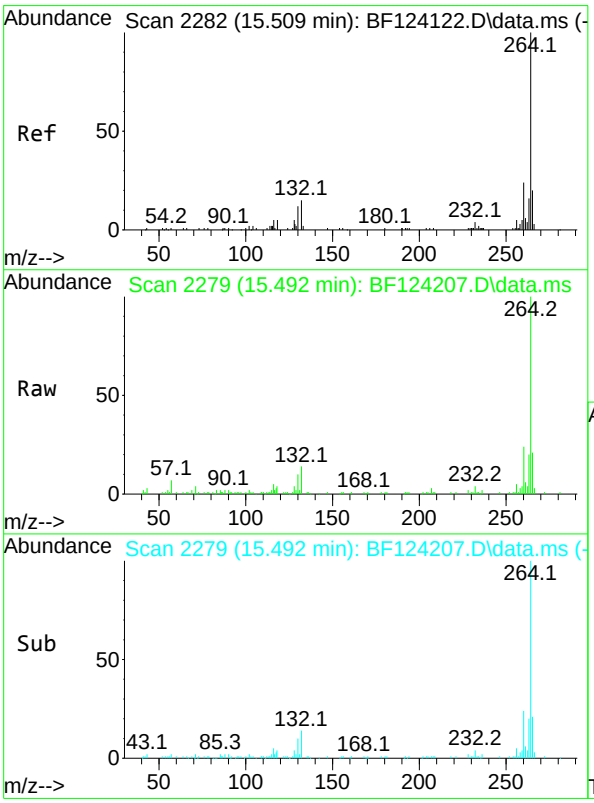


#85
Di-n-octyl phthalate
Concen: 44.477 ng
RT: 14.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:149 Resp: 291932

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.9	11.8	17.6#

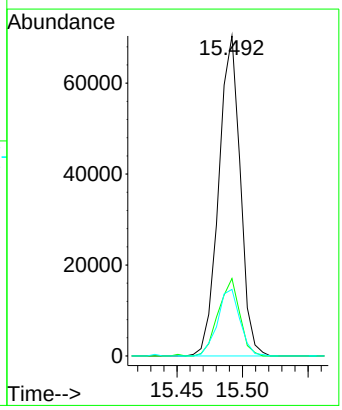




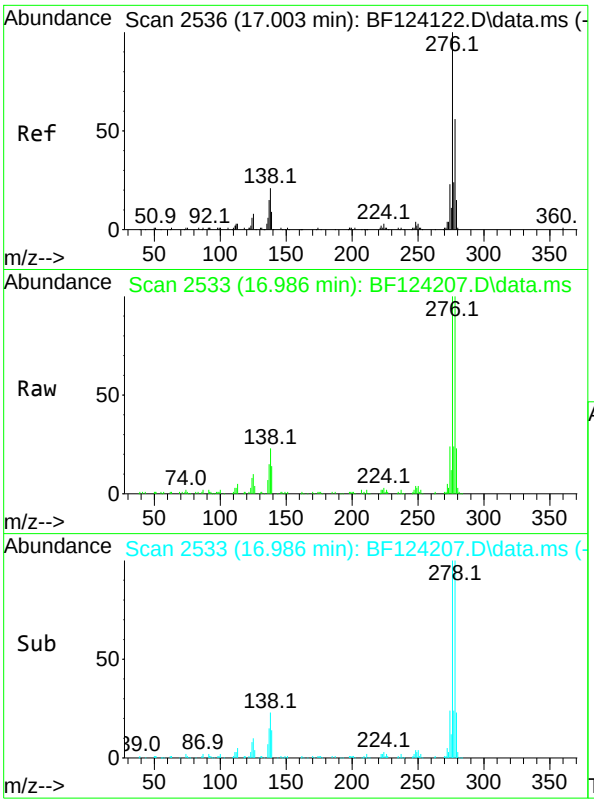
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:264 Resp: 80103

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	20.8	17.8	26.8



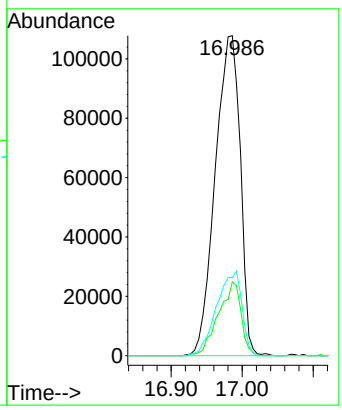
Instrument :
BNA_F
ClientSampleId :
PB136822BS

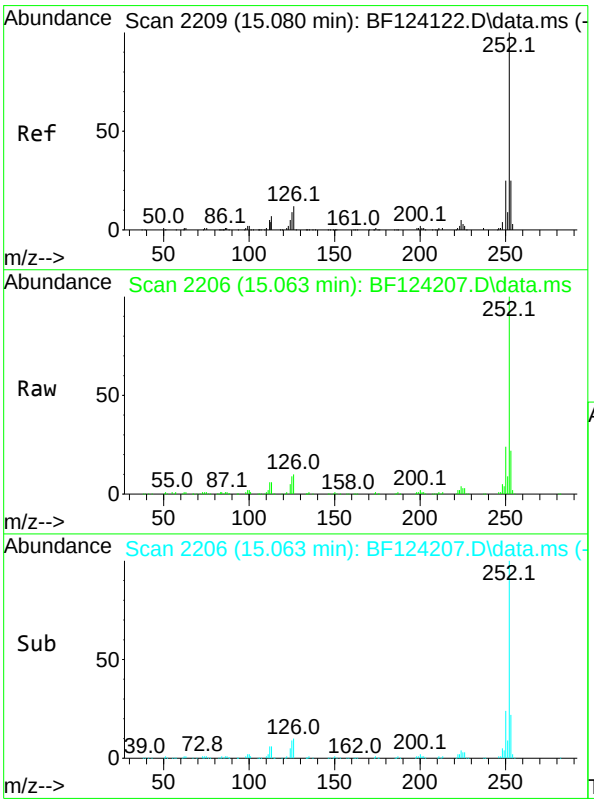


#87
Indeno(1,2,3-cd)pyrene
Concen: 40.288 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:276 Resp: 263491

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.2	24.2
277	26.7	20.1	30.1

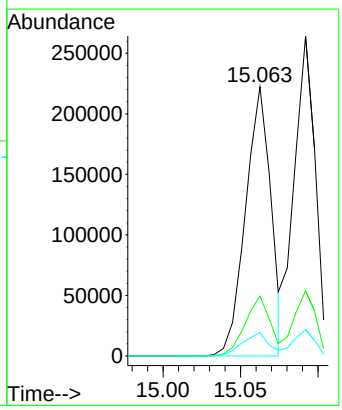




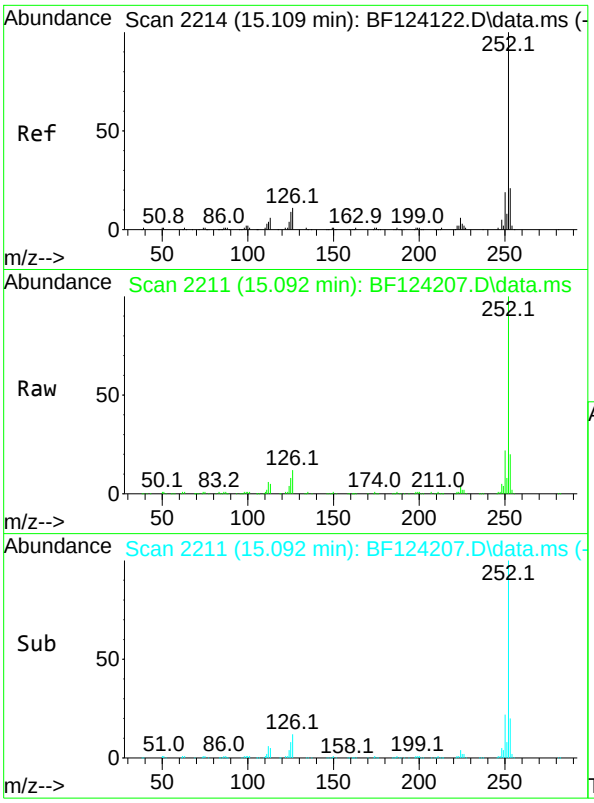
#88
Benzo(b)fluoranthene
Concen: 40.755 ng
RT: 15.063 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:252 Resp: 253597

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	8.7	6.2	9.4



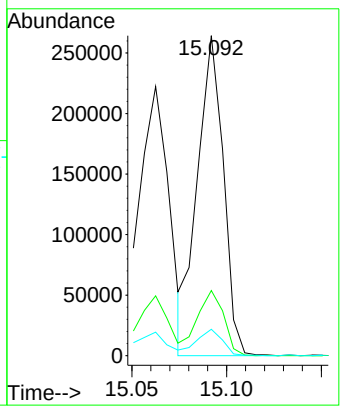
Instrument :
BNA_F
ClientSampleId :
PB136822BS

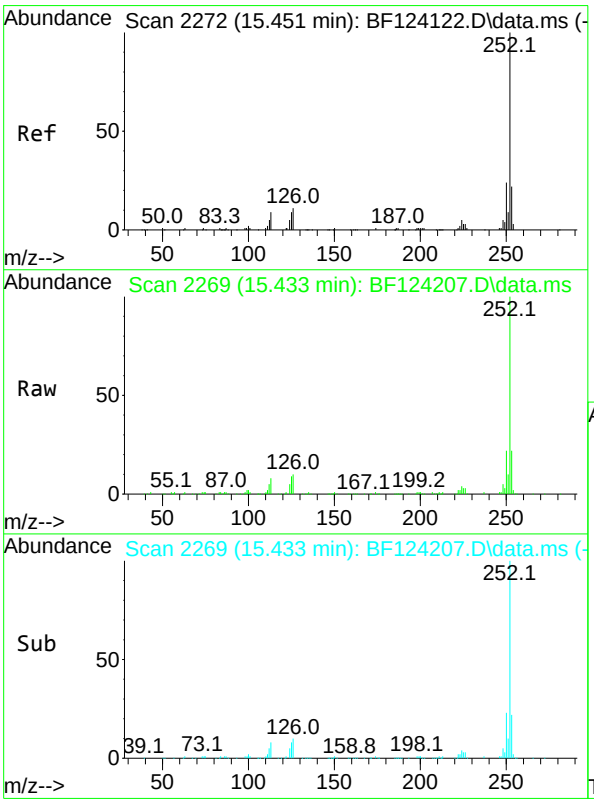


#89
Benzo(k)fluoranthene
Concen: 42.767 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:252 Resp: 251925

Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.9	26.9
125	8.3	7.0	10.6

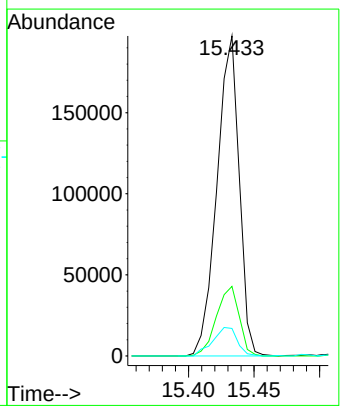


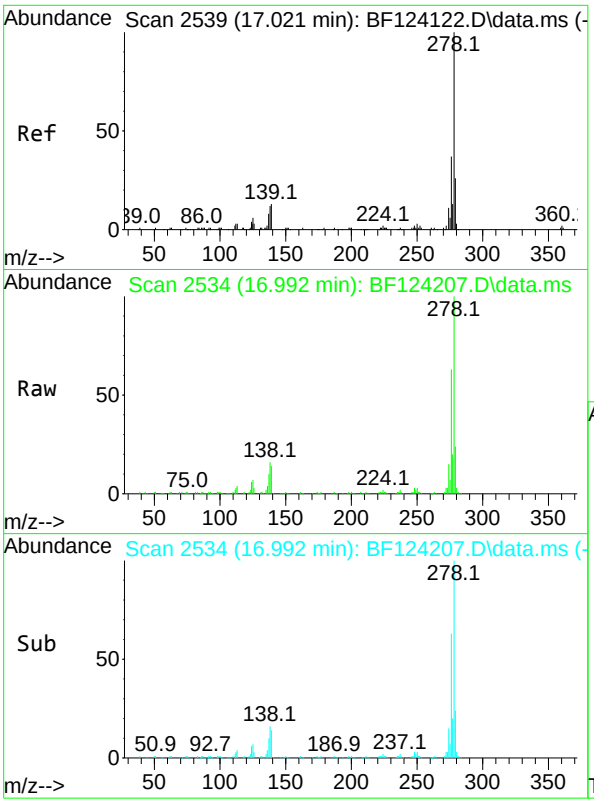


#90
Benzo(a)pyrene
Concen: 42.916 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:252 Resp: 231948

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	8.6	8.0	12.0

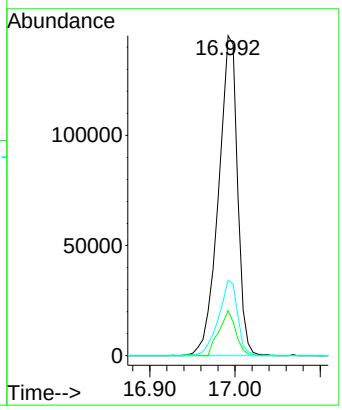




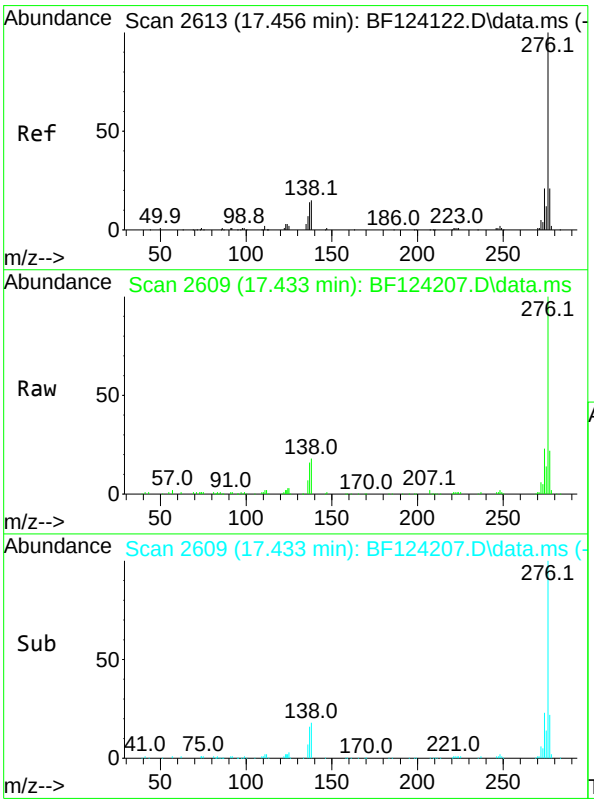
#91
Dibenzo(a,h)anthracene
Concen: 40.286 ng
RT: 16.992 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:278 Resp: 225022

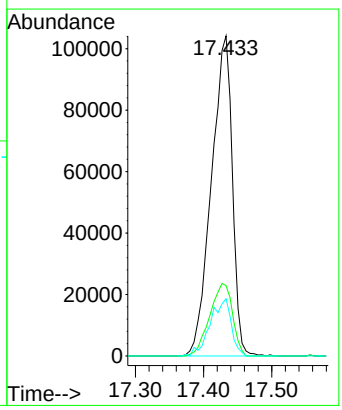
Ion	Ratio	Lower	Upper
278	100		
139	14.0	10.2	15.2
279	23.6	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
PB136822BS



#92
Benzo(g,h,i)perylene
Concen: 40.237 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BF124207.D
Acq: 9 Jun 2021 13:59

Tgt Ion:276 Resp: 222170

Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.2	27.2
138	17.9	13.8	20.6