Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
Data File : BF124619.D
Acq On : 19 Jul 2021 18:09
Operator : JU/CG
Sample : M3076-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20210578-COM-1MSD

Quant Time: Jul 20 02:04:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 11:33:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	7766	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	30521	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	17107	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	29103	20.00	ng	# 0.00
76) Chrysene-d12	14.092	240	14901	20.00	ng	# 0.00
86) Perylene-d12	15.580	264	13697	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	48276	107.70	ng	0.00
7) Phenol-d6	6.539	99	57715	105.85	ng	0.00
23) Nitrobenzene-d5	7.481	82	35133	72.67	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	15387	115.58	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	80787	68.86	ng	0.00
79) Terphenyl-d14	13.033	244	68783	77.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	6689	44.69	ng	# 100
3) Pyridine	3.546	79	14868	39.54	ng	95
4) n-Nitrosodimethylamine	3.510	42	14238	46.59	ng	# 96
6) Aniline	6.581	93	26398	45.95	ng	99
8) 2-Chlorophenol	6.698	128	24167	48.09	ng	98
9) Benzaldehyde	6.469	77	13147	41.10	ng	# 84
10) Phenol	6.557	94	25410	47.73	ng	96
11) bis(2-Chloroethyl)ether	6.651	93	20751	50.28	ng	99
12) 1,3-Dichlorobenzene	6.857	146	26297	47.81	ng	94
13) 1,4-Dichlorobenzene	6.934	146	26492	47.16	ng	99
14) 1,2-Dichlorobenzene	7.087	146	24880	46.60	ng	96
15) Benzyl Alcohol	7.057	79	17545	46.50	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.192	45	36185	50.87	ng	99
17) 2-Methylphenol	7.163	107	18541	50.41	ng	95
18) Hexachloroethane	7.428	117	10110	47.79	ng	87
19) n-Nitroso-di-n-propyla...	7.334	70	15483	50.50	ng	98
20) 3+4-Methylphenols	7.316	107	23727	48.99	ng	94
22) Acetophenone	7.328	105	33830	48.84	ng	96
24) Nitrobenzene	7.498	77	21914	45.71	ng	99
25) Isophorone	7.739	82	40188	45.28	ng	97
26) 2-Nitrophenol	7.816	139	13082	50.59	ng	93
27) 2,4-Dimethylphenol	7.851	122	23034	53.75	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	26724	51.62	ng	97
29) 2,4-Dichlorophenol	8.057	162	20881	47.24	ng	99
30) 1,2,4-Trichlorobenzene	8.139	180	23017	47.05	ng	100
31) Naphthalene	8.222	128	73752	46.72	ng	98
32) Benzoic acid	7.981	122	16427	50.20	ng	97
33) 4-Chloroaniline	8.269	127	15937	26.72	ng	99
34) Hexachlorobutadiene	8.339	225	13213	47.86	ng	97
35) Caprolactam	8.651	113	3095	27.68	ng	92
36) 4-Chloro-3-methylphenol	8.751	107	20604	47.14	ng	99
37) 2-Methylnaphthalene	8.916	142	50613	47.51	ng	95
38) 1-Methylnaphthalene	9.016	142	46364	46.34	ng	96
40) 1,2,4,5-Tetrachloroben...	9.080	216	21758	47.69	ng	96
41) Hexachlorocyclopentadiene	9.069	237	30181	105.89	ng	92
43) 2,4,6-Trichlorophenol	9.192	196	15492	47.03	ng	89

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
Data File : BF124619.D
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Sample : M3076-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

Quant Time: Jul 20 02:04:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 11:33:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	16647	49.00	ng		91
46) 1,1'-Biphenyl	9.380	154	58767	45.23	ng		99
47) 2-Chloronaphthalene	9.404	162	46440	45.59	ng		96
48) 2-Nitroaniline	9.498	65	12215	49.86	ng		96
49) Acenaphthylene	9.828	152	75001	47.18	ng		99
50) Dimethylphthalate	9.686	163	55529	46.65	ng		98
51) 2,6-Dinitrotoluene	9.745	165	12165	51.85	ng		97
52) Acenaphthene	9.998	154	51495	50.66	ng		98
53) 3-Nitroaniline	9.910	138	7933	30.30	ng		94
54) 2,4-Dinitrophenol	10.022	184	14376	117.42	ng	#	78
55) Dibenzofuran	10.169	168	67436	45.12	ng		99
56) 4-Nitrophenol	10.075	139	20416	93.69	ng		98
57) 2,4-Dinitrotoluene	10.151	165	16824	52.38	ng	#	81
58) Fluorene	10.510	166	52953	45.81	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	12553	47.84	ng	#	98
60) Diethylphthalate	10.386	149	59567	47.87	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	25477	48.55	ng		89
62) 4-Nitroaniline	10.533	138	11682	44.27	ng		94
63) Azobenzene	10.663	77	49862	45.84	ng		97
65) 4,6-Dinitro-2-methylph...	10.557	198	7736	46.53	ng		87
66) n-Nitrosodiphenylamine	10.622	169	43991	46.42	ng		93
67) 4-Bromophenyl-phenylether	10.992	248	15027	49.93	ng		92
68) Hexachlorobenzene	11.057	284	15541	50.40	ng		97
69) Atrazine	11.151	200	14052	48.42	ng		91
70) Pentachlorophenol	11.251	266	19277	98.84	ng		96
71) Phenanthrene	11.474	178	73782	46.47	ng		99
72) Anthracene	11.527	178	74029	46.47	ng		100
73) Carbazole	11.680	167	62234	42.28	ng		99
74) Di-n-butylphthalate	12.010	149	94339	47.58	ng		99
75) Fluoranthene	12.663	202	67564	42.18	ng		99
77) Benzidine	12.786	184	33277	59.74	ng		99
78) Pyrene	12.892	202	65943	53.27	ng		98
80) Butylbenzylphthalate	13.510	149	31179	52.09	ng		93
81) Benzo(a)anthracene	14.080	228	46177	46.73	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	12821	49.53	ng		96
83) Chrysene	14.115	228	44945	47.48	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	44542	55.42	ng		100
85) Di-n-octyl phthalate	14.680	149	67735	58.25	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	46287	58.27	ng		99
88) Benzo(b)fluoranthene	15.139	252	41741	42.46	ng		96
89) Benzo(k)fluoranthene	15.174	252	39552	43.85	ng	#	97
90) Benzo(a)pyrene	15.521	252	38686	47.67	ng		100
91) Dibenzo(a,h)anthracene	17.115	278	38468	56.89	ng		97
92) Benzo(g,h,i)perylene	17.562	276	38872	58.88	ng	#	90

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

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Sample : M3076-01MSD
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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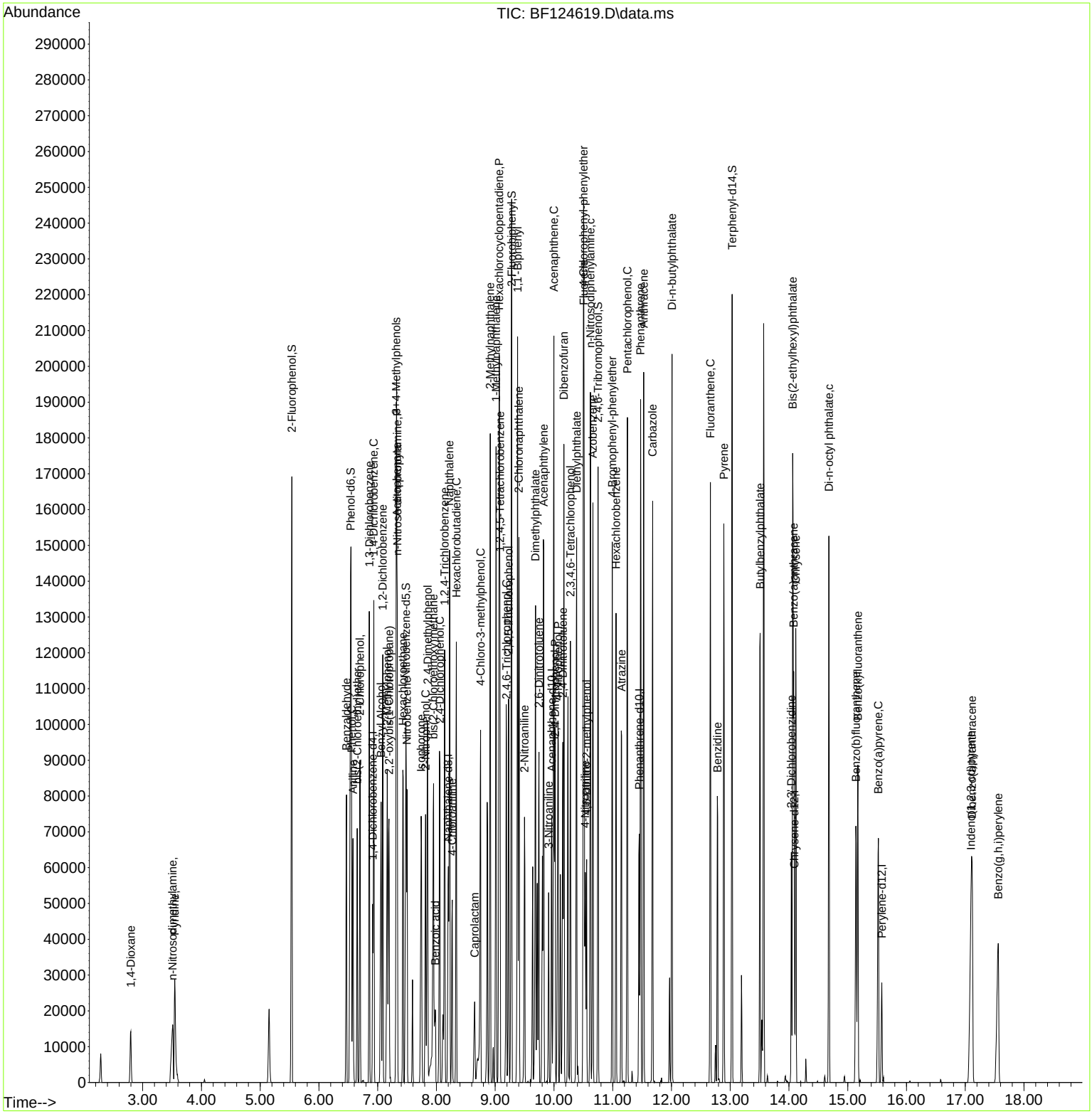
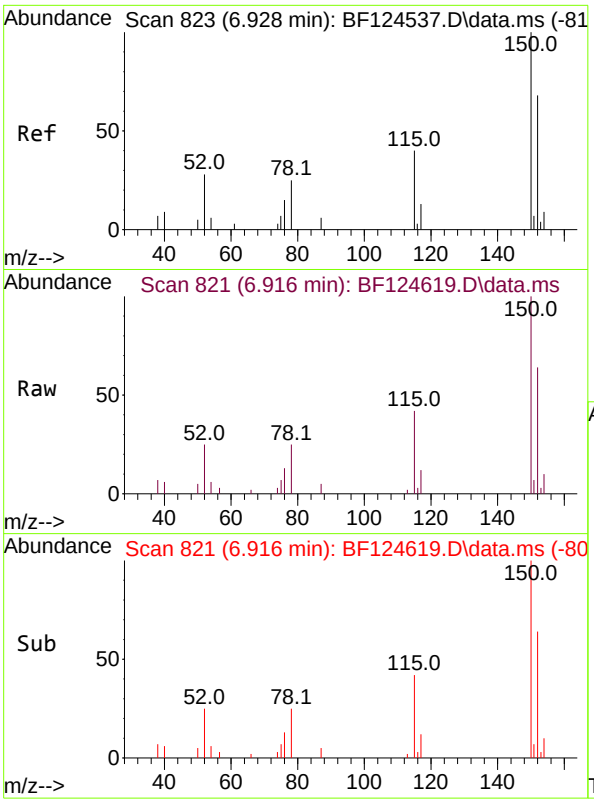


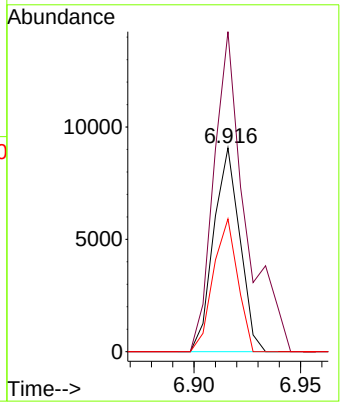
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

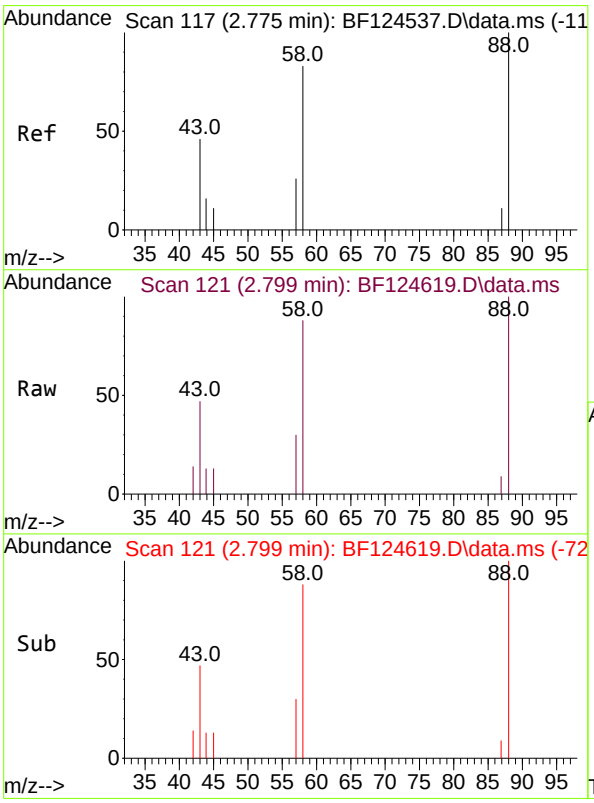


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:152 Resp: 7766

Ion	Ratio	Lower	Upper
152	100		
150	157.0	117.6	176.4
115	65.2	47.1	70.7

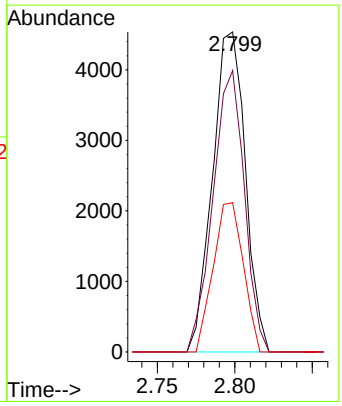


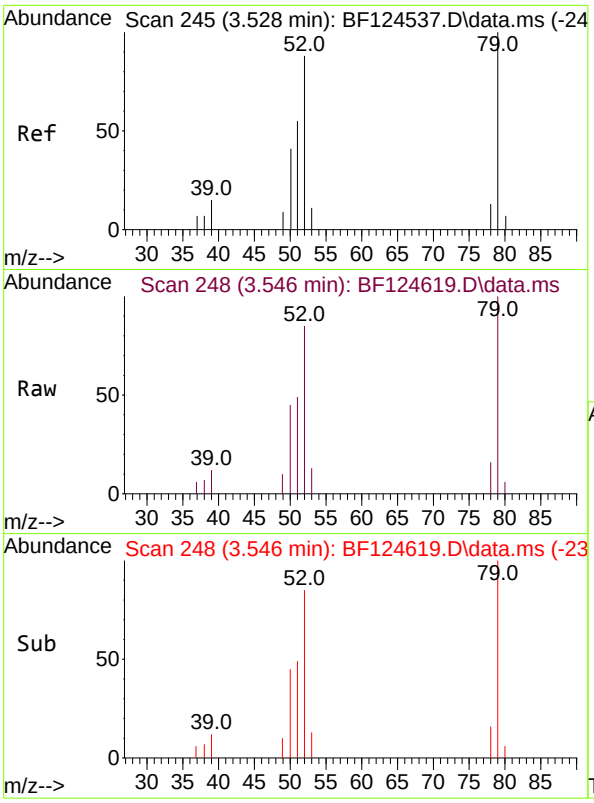


#2
1,4-Dioxane
Concen: 44.69 ng
RT: 2.799 min Scan# 121
Delta R.T. -0.012 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 88 Resp: 6689

Ion	Ratio	Lower	Upper
88	100		
58	83.9	0.0	0.0#
43	42.7	0.0	0.0#

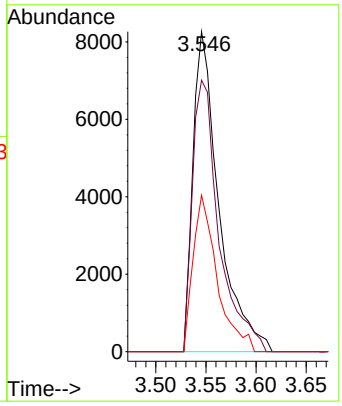




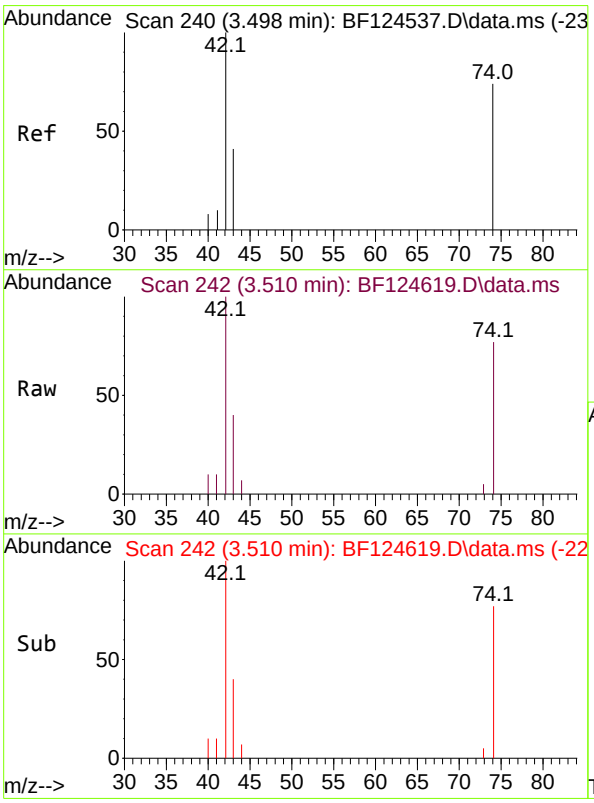
#3
Pyridine
Concen: 39.54 ng
RT: 3.546 min Scan# 248
Delta R.T. -0.012 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 79 Resp: 14868

Ion	Ratio	Lower	Upper
79	100		
52	84.9	70.3	105.5
51	48.9	44.1	66.1



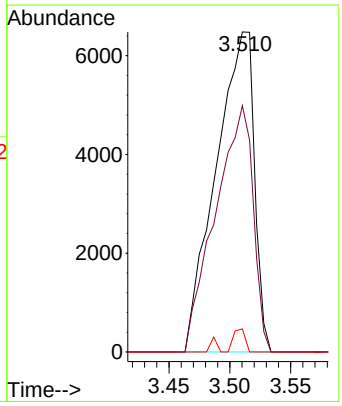
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD



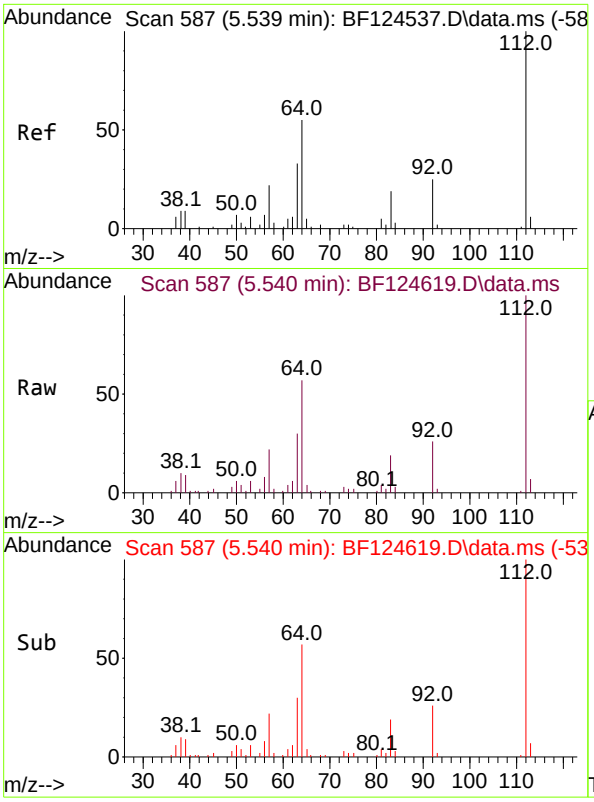
#4
n-Nitrosodimethylamine
Concen: 46.59 ng
RT: 3.510 min Scan# 242
Delta R.T. -0.018 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 42 Resp: 14238

Ion	Ratio	Lower	Upper
42	100		
74	77.0	59.0	88.6
44	7.2	0.0	0.0#



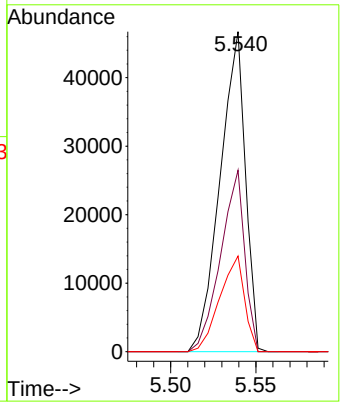
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

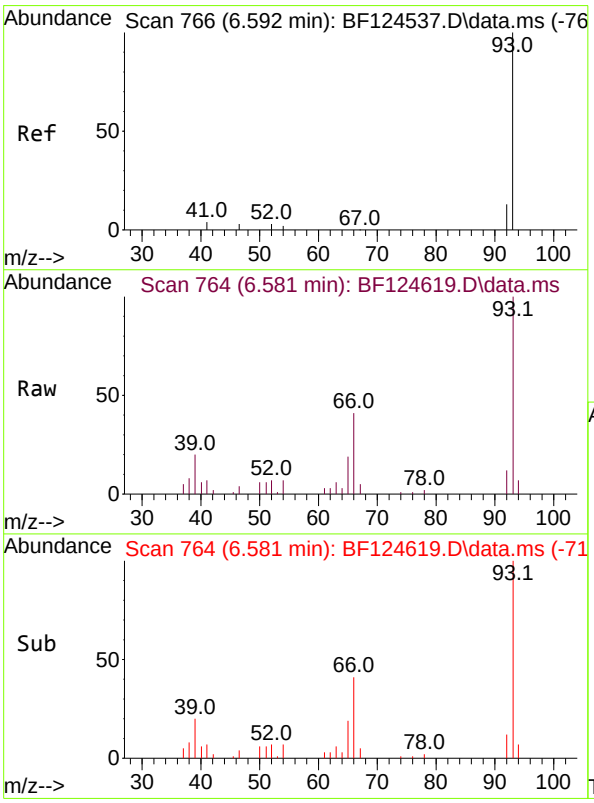


#5
2-Fluorophenol
Concen: 107.70 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:112 Resp: 48276

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.2	66.2
63	29.9	26.2	39.2

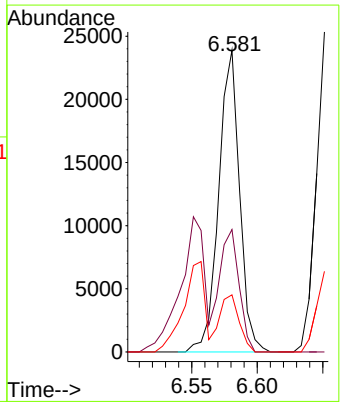


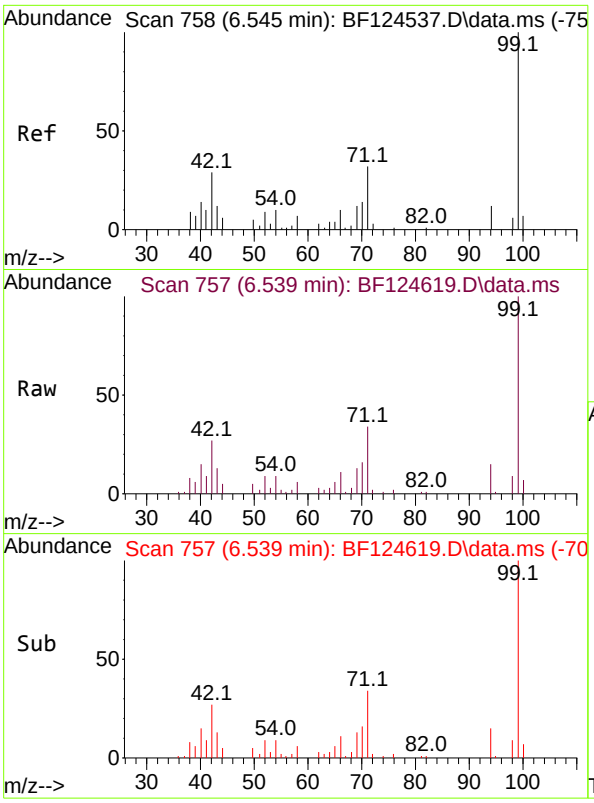


#6
Aniline
Concen: 45.95 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 93 Resp: 26398

Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.7	49.1
65	19.0	14.2	21.4

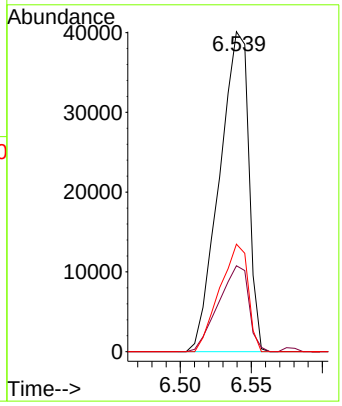




#7
Phenol-d6
Concen: 105.85 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 99 Resp: 57715

Ion	Ratio	Lower	Upper
99	100		
42	26.8	23.5	35.3
71	33.6	25.6	38.4



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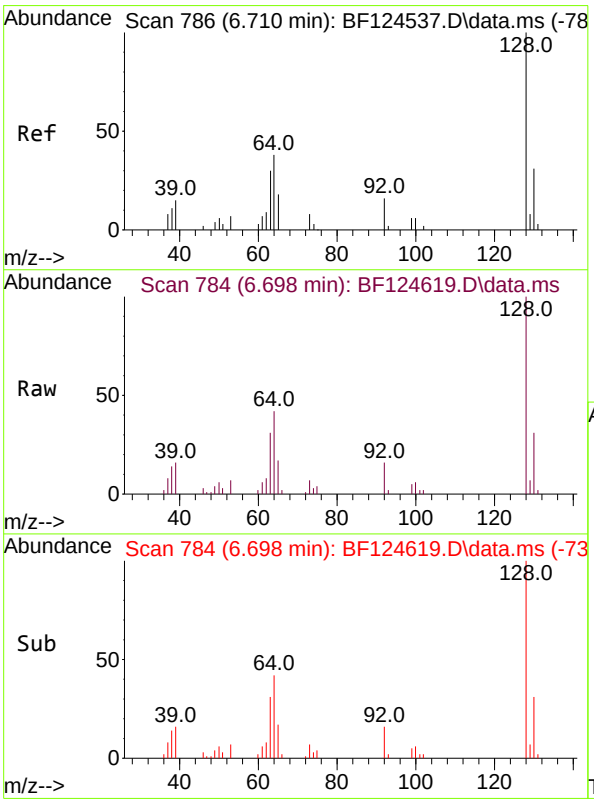
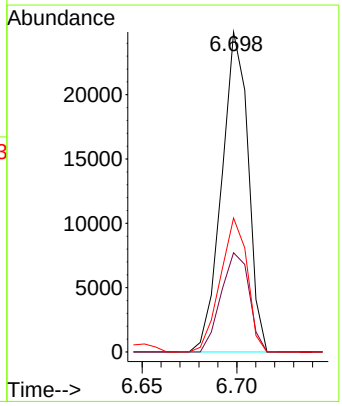
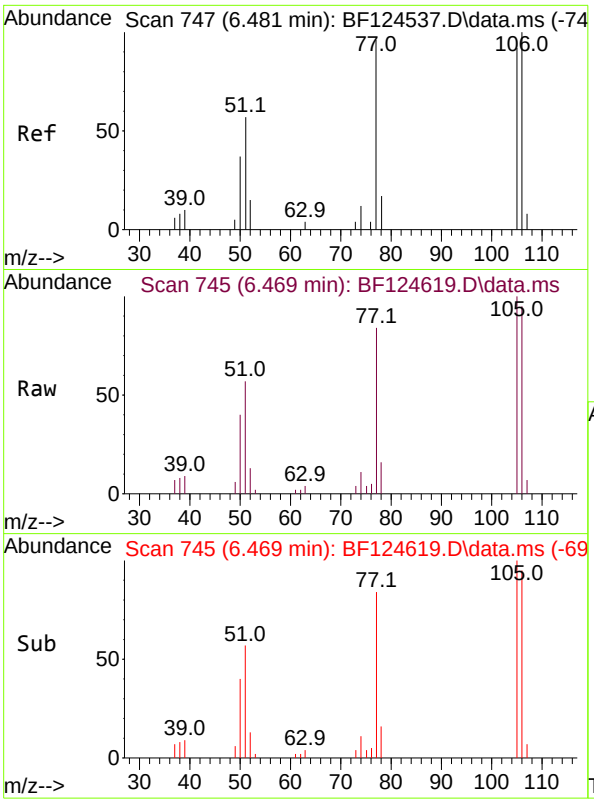


#8
2-Chlorophenol
Concen: 48.09 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:128 Resp: 24167

Ion	Ratio	Lower	Upper
128	100		
130	31.0	10.5	50.5
64	41.9	20.3	60.3

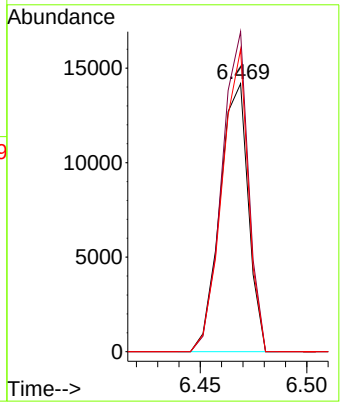




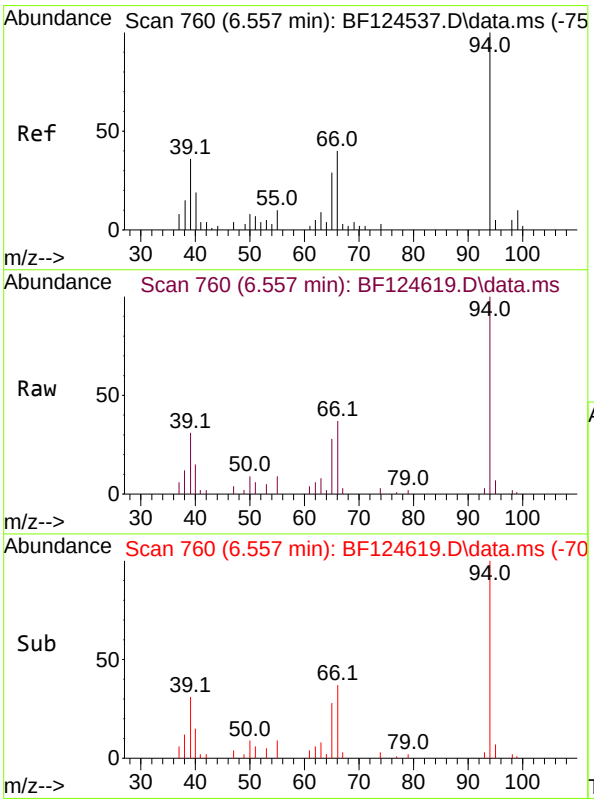
#9
Benzaldehyde
Concen: 41.10 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 77 Resp: 13147

Ion	Ratio	Lower	Upper
77	100		
105	119.4	75.9	115.9#
106	112.8	84.0	124.0



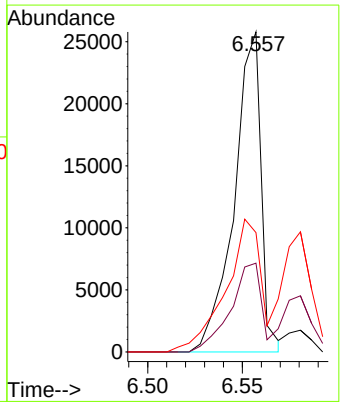
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD



#10
Phenol
Concen: 47.73 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 94 Resp: 25410

Ion	Ratio	Lower	Upper
94	100		
65	27.7	9.3	49.3
66	37.3	20.3	60.3



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ClientSampleId :
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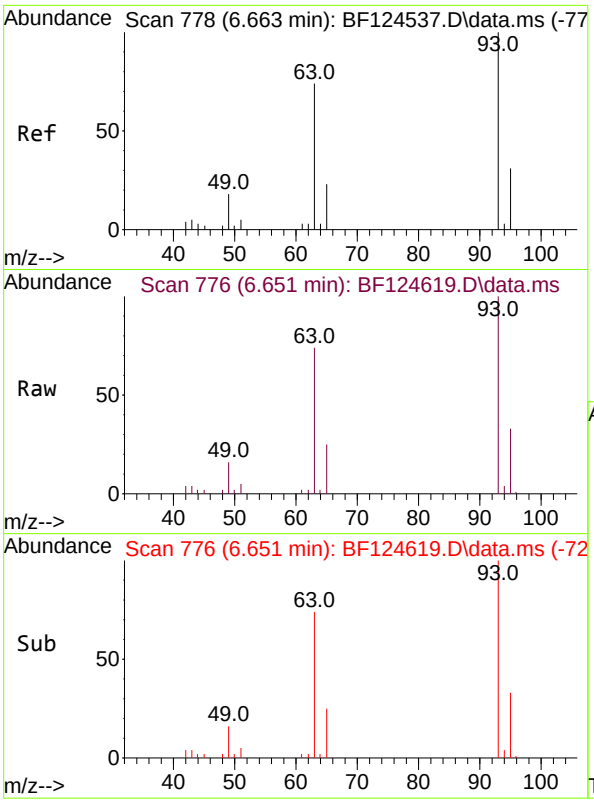
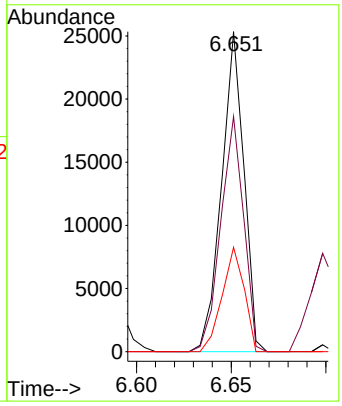
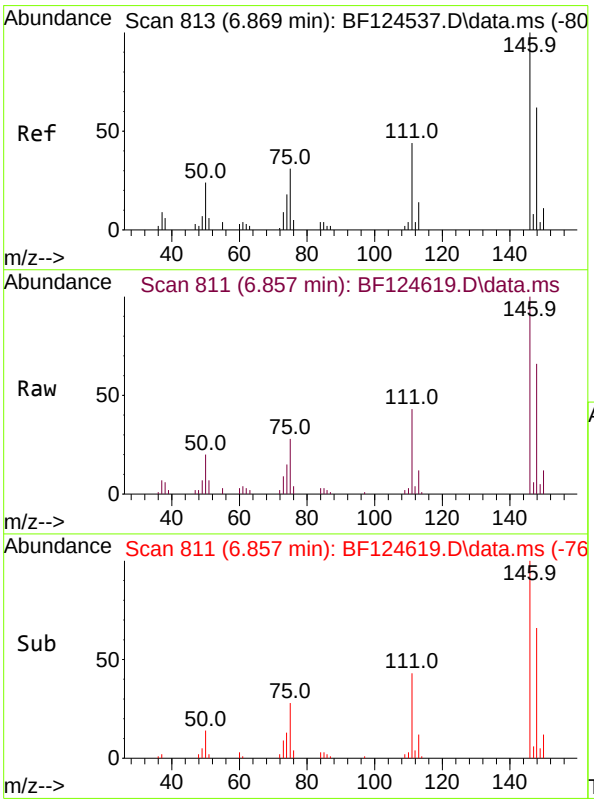


#11
bis(2-Chloroethyl)ether
Concen: 50.28 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 93 Resp: 20751

Ion	Ratio	Lower	Upper
93	100		
63	73.5	54.4	94.4
95	32.6	11.4	51.4

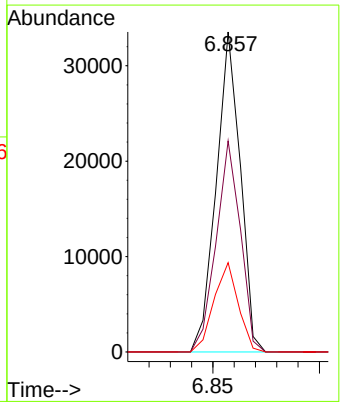




#12
1,3-Dichlorobenzene
Concen: 47.81 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:146 Resp: 26297

Ion	Ratio	Lower	Upper
146	100		
148	65.9	49.7	74.5
75	27.9	25.2	37.8



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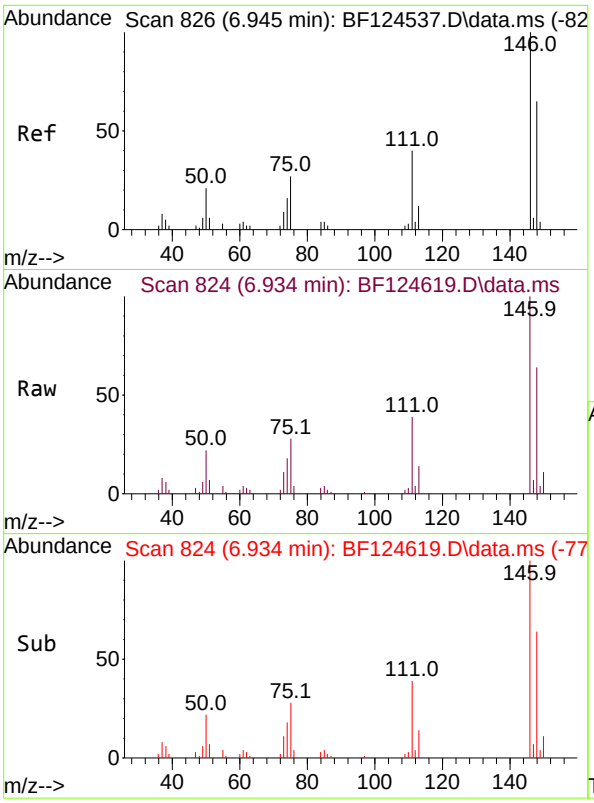
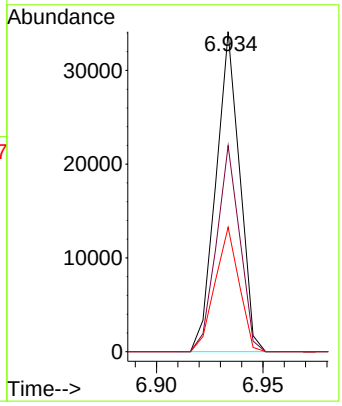
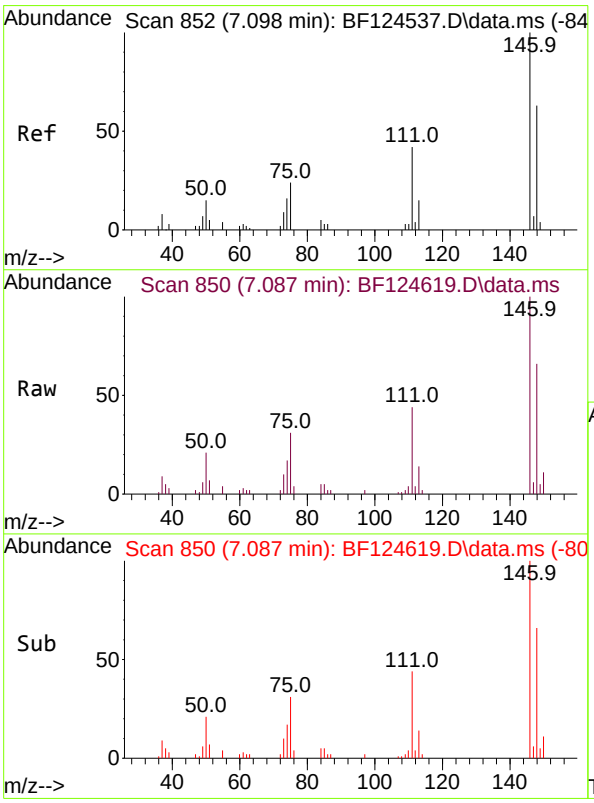


#13
1,4-Dichlorobenzene
Concen: 47.16 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:146 Resp: 26492

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	38.9	31.8	47.6

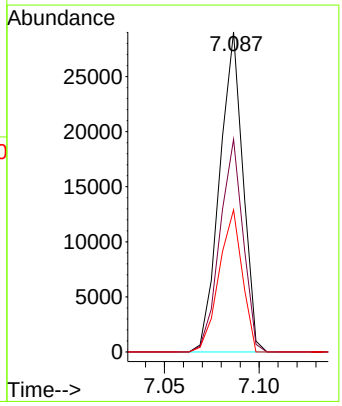


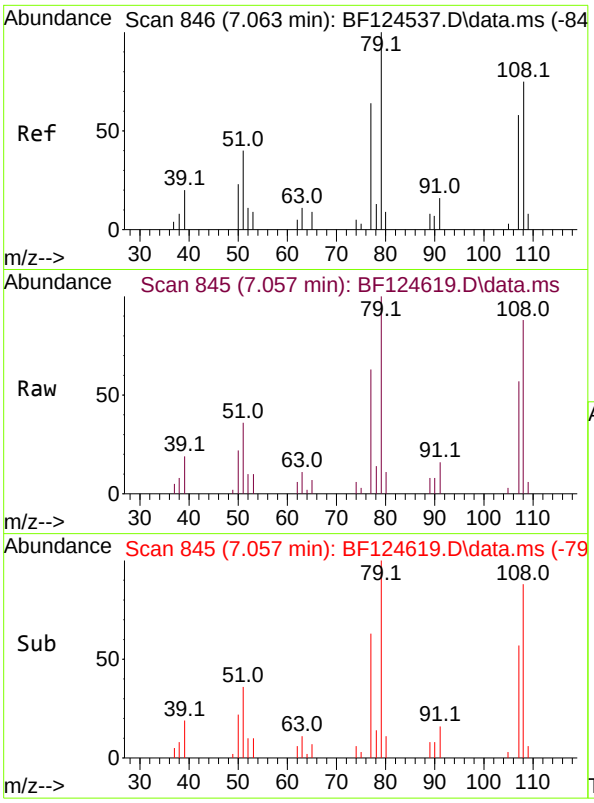


#14
1,2-Dichlorobenzene
Concen: 46.60 ng
RT: 7.087 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:146 Resp: 24880

Ion	Ratio	Lower	Upper
146	100		
148	66.5	50.6	75.8
111	44.4	33.5	50.3

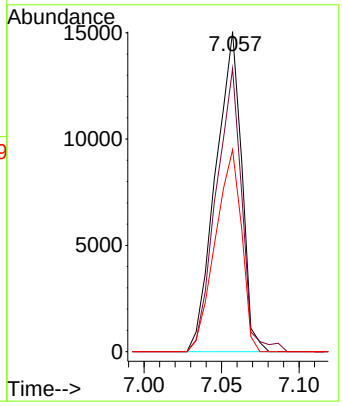


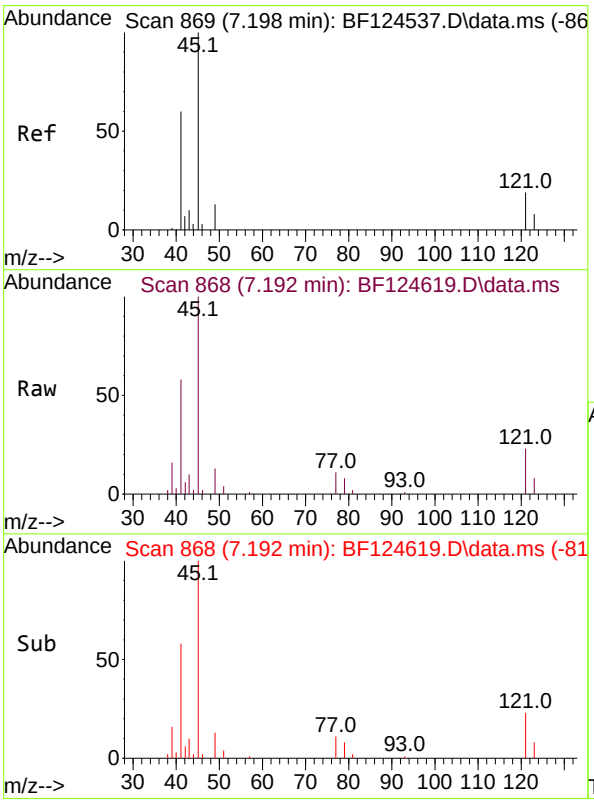


#15
Benzyl Alcohol
Concen: 46.50 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 79 Resp: 17545

Ion	Ratio	Lower	Upper
79	100		
108	88.5	60.4	90.6
77	63.1	51.5	77.3

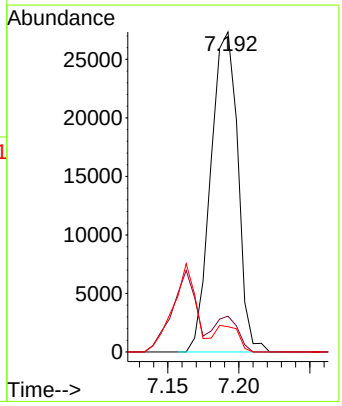




#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.87 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 45 Resp: 36185

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	30.6
79	7.9	0.0	27.5



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BNA_F
ClientSampleId :
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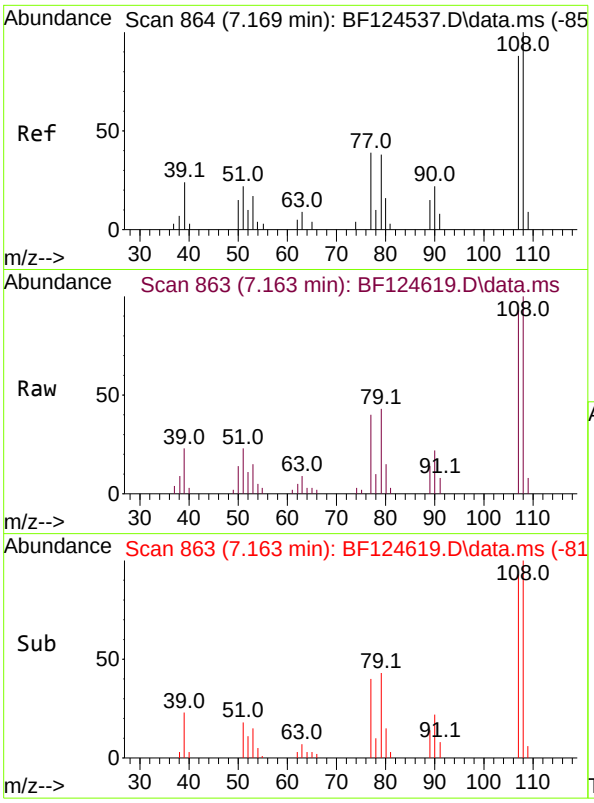
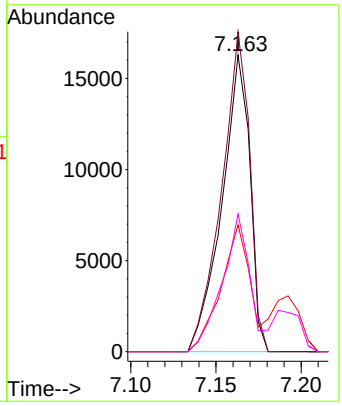
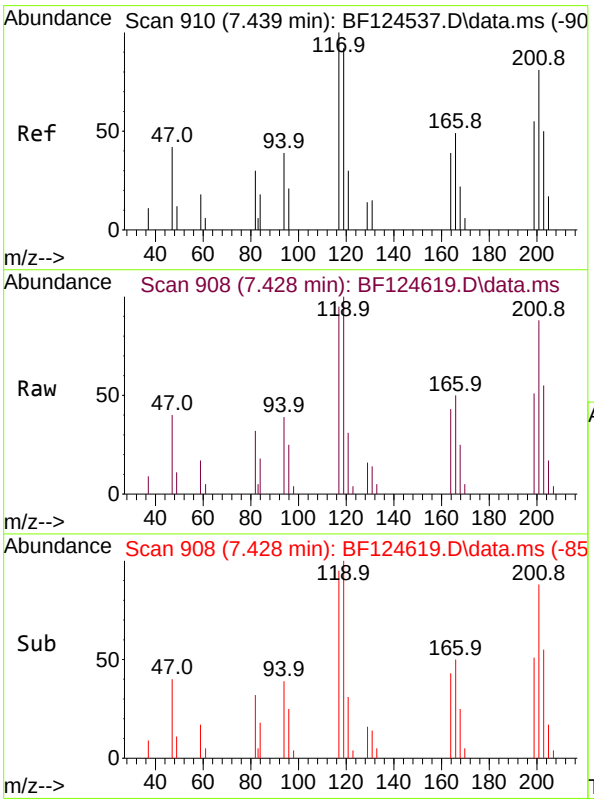


#17
2-Methylphenol
Concen: 50.41 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:107 Resp: 18541

Ion	Ratio	Lower	Upper
107	100		
108	107.9	90.6	135.8
77	42.7	35.7	53.5
79	46.4	34.0	51.0

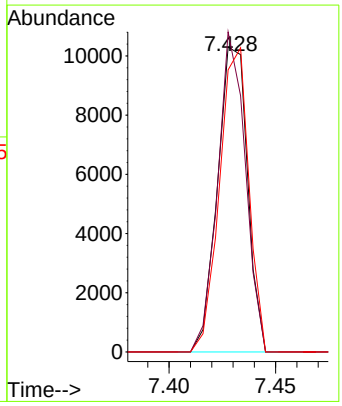




#18
Hexachloroethane
Concen: 47.79 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:117 Resp: 10110

Ion	Ratio	Lower	Upper
117	100		
119	104.9	73.4	110.2
201	92.5	64.9	97.3



Instrument :
BNA_F
ClientSampleId :
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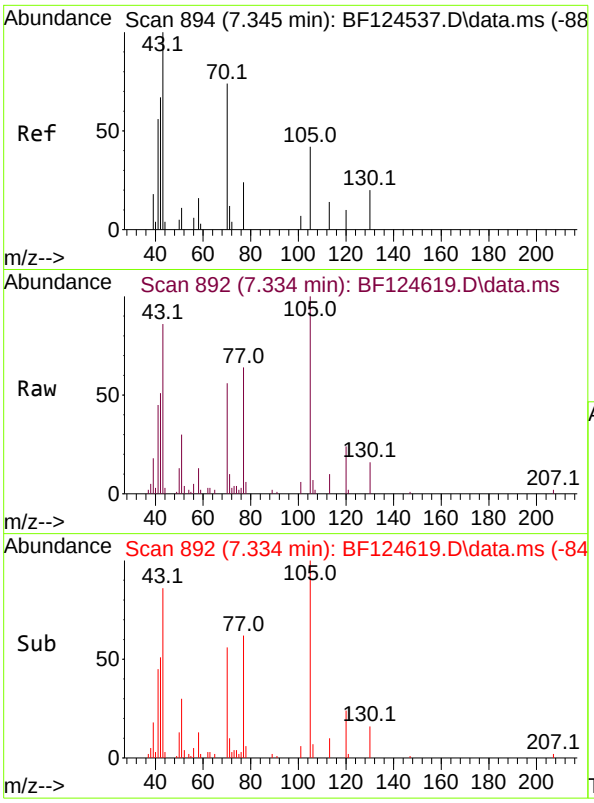
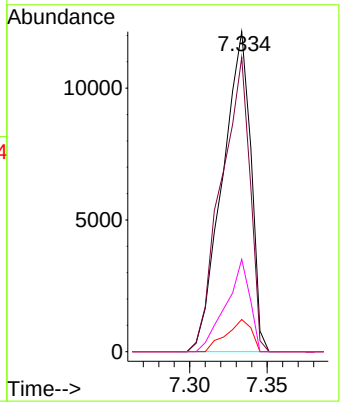
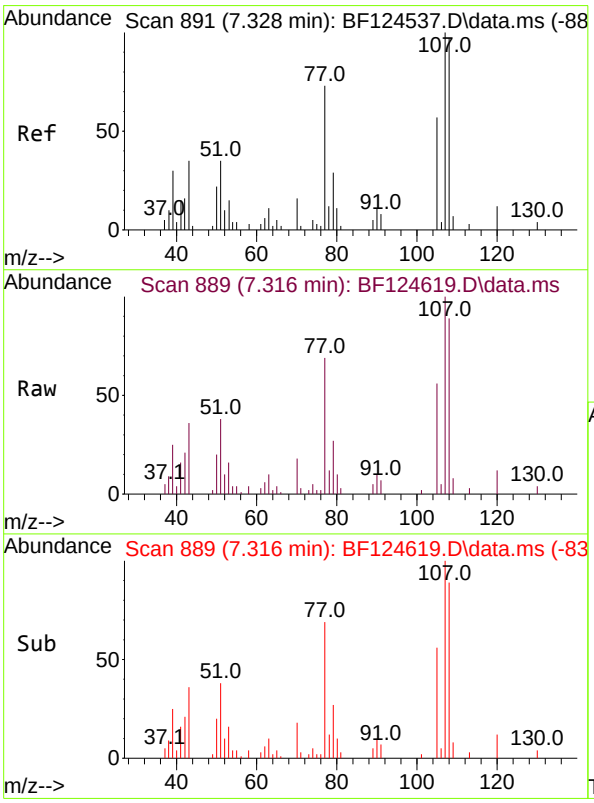


#19
n-Nitroso-di-n-propylamine
Concen: 50.50 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 70 Resp: 15483

Ion	Ratio	Lower	Upper
70	100		
42	91.9	72.2	108.2
101	10.0	7.8	11.8
130	28.8	21.8	32.6

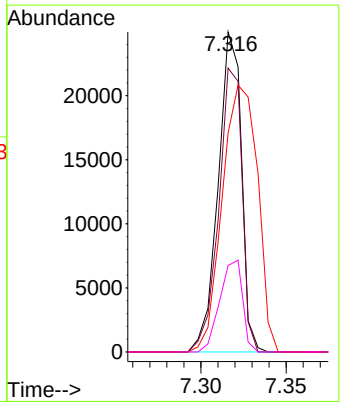




#20
3+4-Methylphenols
Concen: 48.99 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:107 Resp: 23727

Ion	Ratio	Lower	Upper
107	100		
108	88.7	76.6	116.6
77	68.5	53.3	93.3
79	27.0	8.7	48.7



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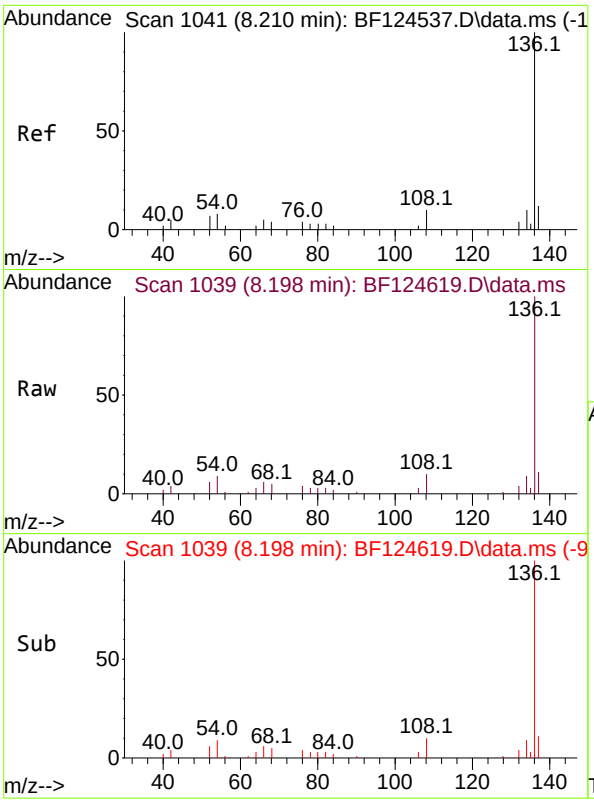
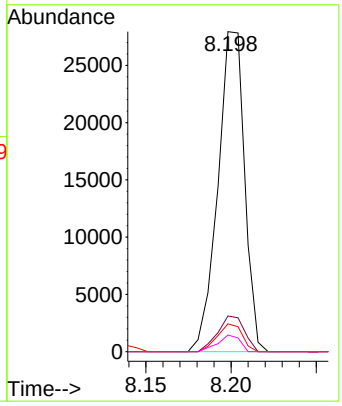
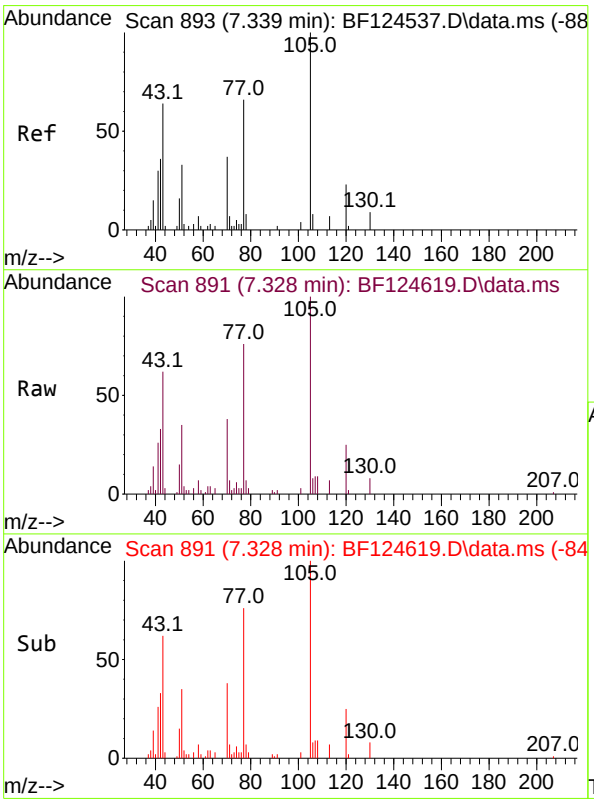


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:136 Resp: 30521

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	8.7	6.4	9.6
68	5.2	3.3	4.9#

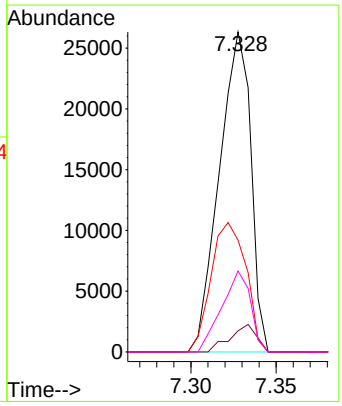


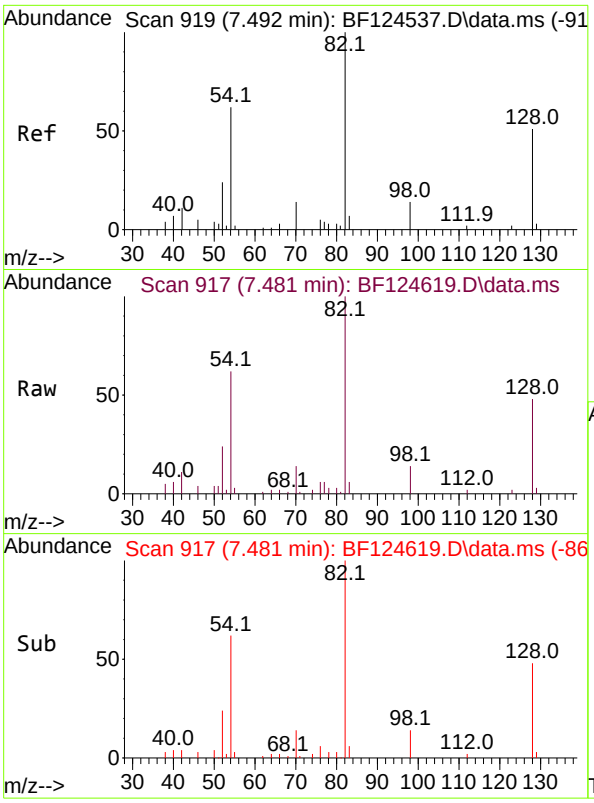


#22
Acetophenone
Concen: 48.84 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:105 Resp: 33830

Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.5	8.3
51	34.9	26.0	39.0
120	25.3	18.5	27.7

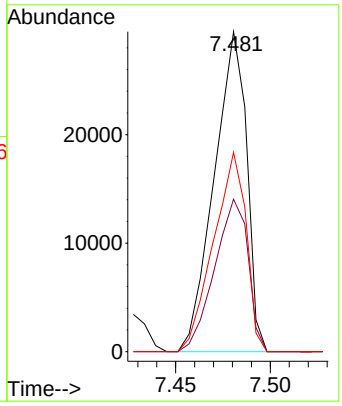




#23
Nitrobenzene-d5
Concen: 72.67 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 82 Resp: 35133

Ion	Ratio	Lower	Upper
82	100		
128	47.6	40.6	60.8
54	62.3	49.6	74.4



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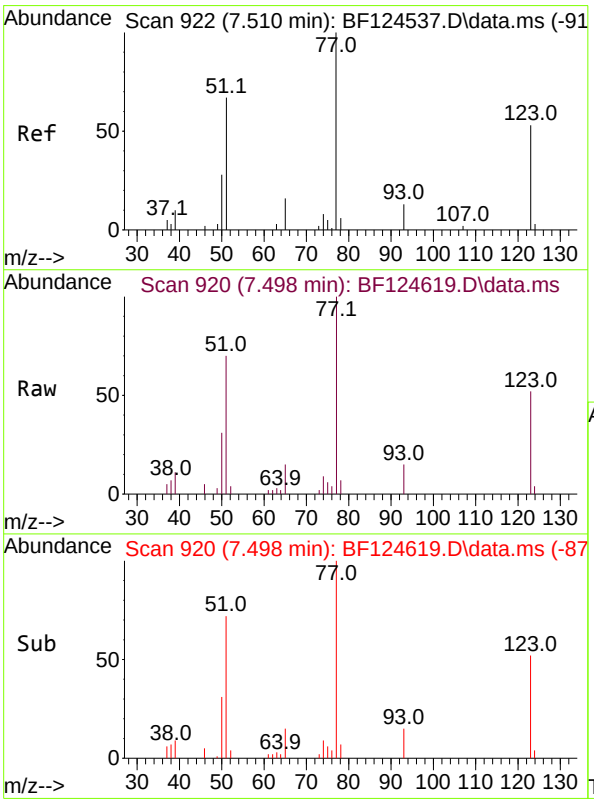
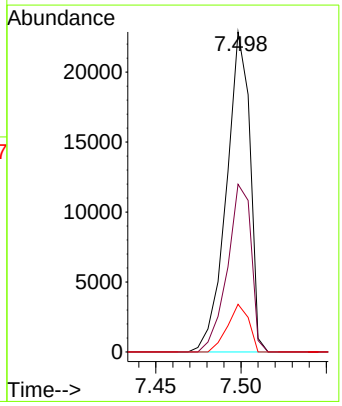


#24
Nitrobenzene
Concen: 45.71 ng
RT: 7.498 min Scan# 920
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 77 Resp: 21914

Ion	Ratio	Lower	Upper
77	100		
123	52.4	42.3	63.5
65	14.9	12.4	18.6



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ClientSampleId :
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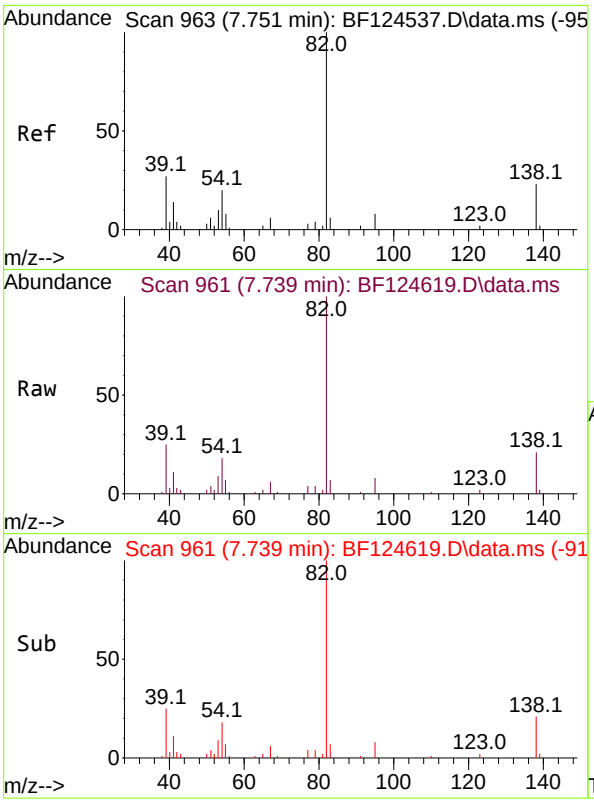
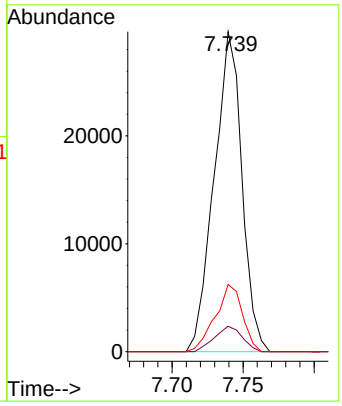
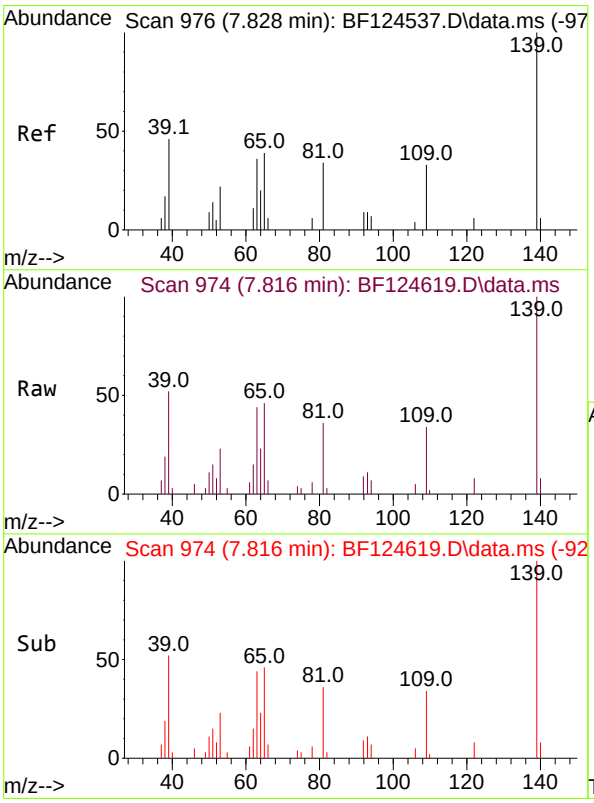


#25
Isophorone
Concen: 45.28 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 82 Resp: 40188

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.5	9.7
138	21.0	18.4	27.6

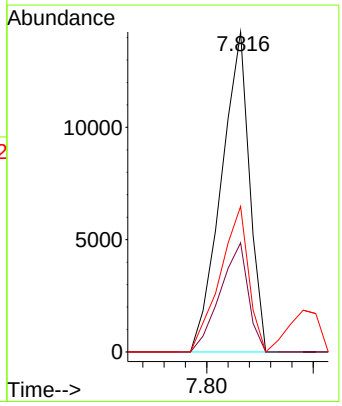




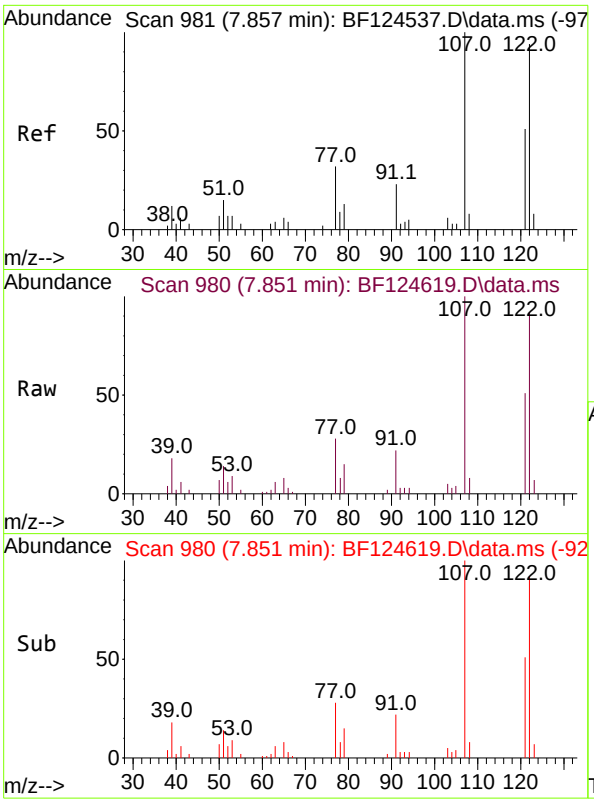
#26
2-Nitrophenol
Concen: 50.59 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:139 Resp: 13082

Ion	Ratio	Lower	Upper
139	100		
109	34.1	26.0	39.0
65	45.5	31.0	46.4



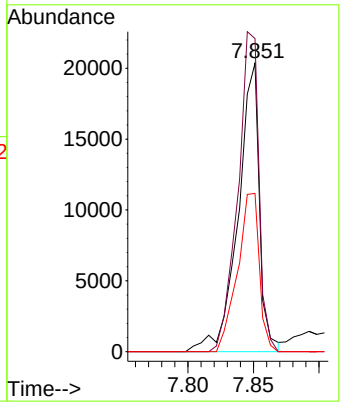
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

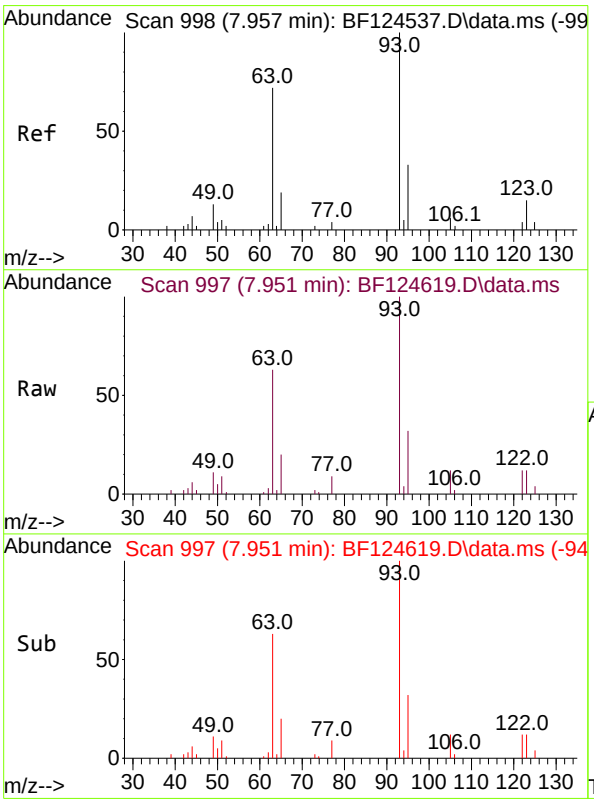


#27
2,4-Dimethylphenol
Concen: 53.75 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:122 Resp: 23034

Ion	Ratio	Lower	Upper
122	100		
107	108.5	85.0	127.6
121	54.8	43.3	64.9

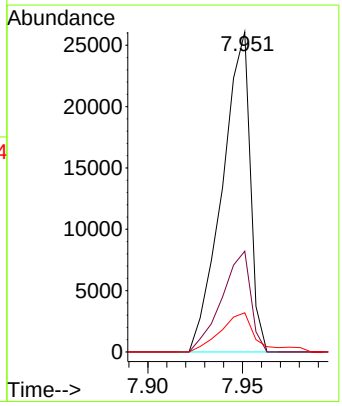




#28
bis(2-Chloroethoxy)methane
Concen: 51.62 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 93 Resp: 26724

Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.1	39.1
123	12.3	11.7	17.5



Instrument :
BNA_F
ClientSampleId :
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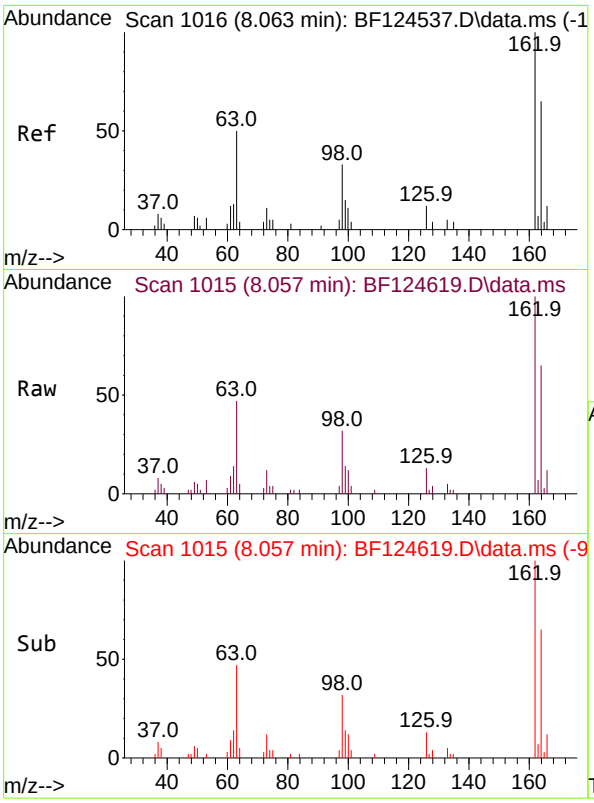
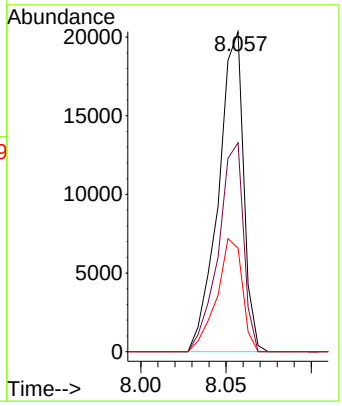
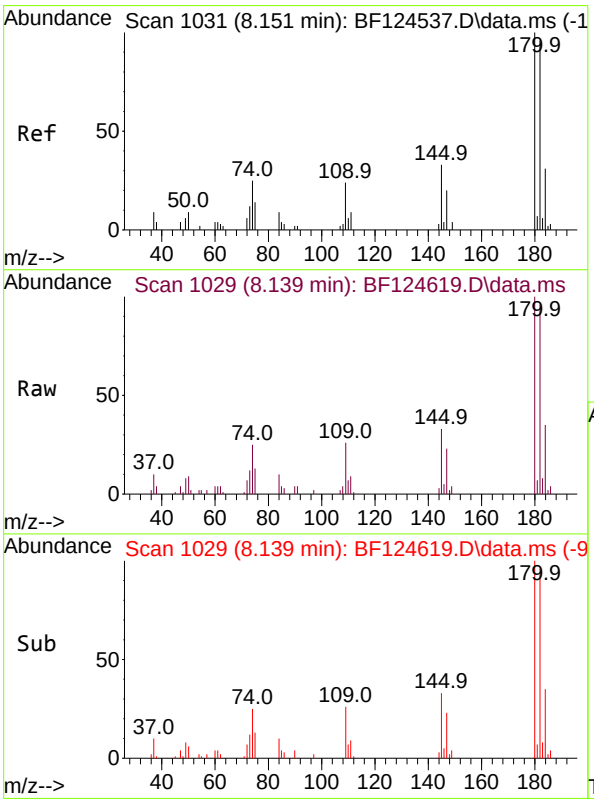


#29
2,4-Dichlorophenol
Concen: 47.24 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:162 Resp: 20881

Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.5	84.5
98	32.4	13.0	53.0

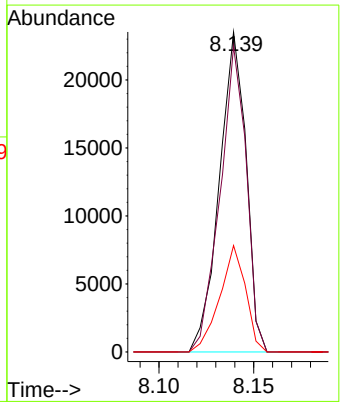




#30
1,2,4-Trichlorobenzene
Concen: 47.05 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:180 Resp: 23017

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	33.3	26.7	40.1



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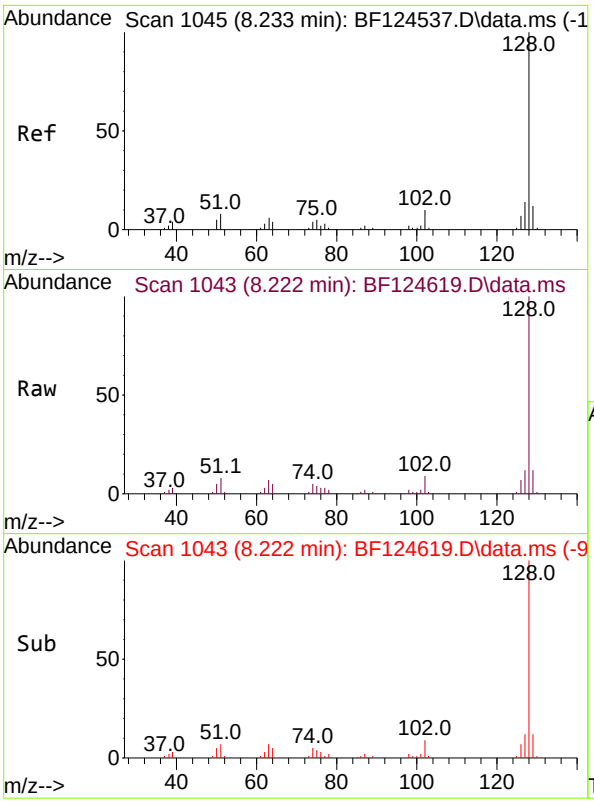
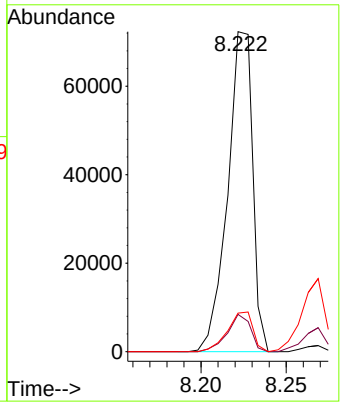
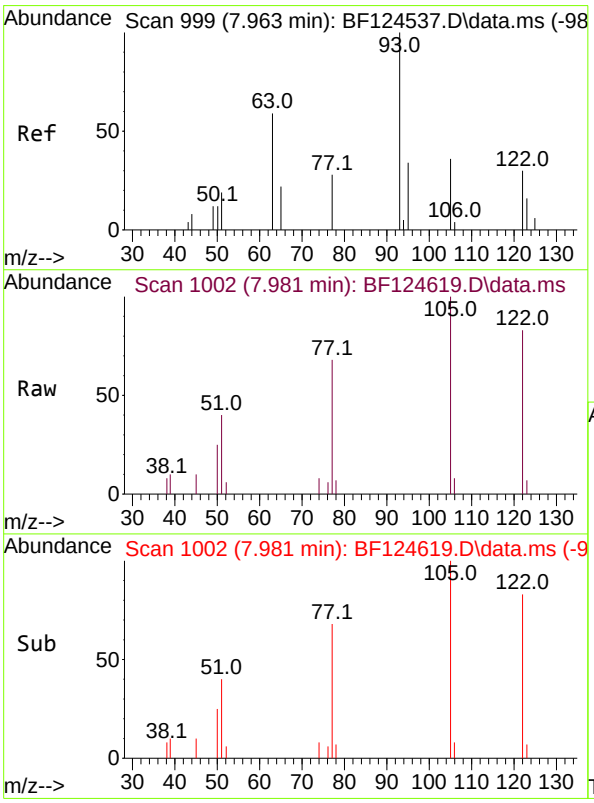


#31
Naphthalene
Concen: 46.72 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:128 Resp: 73752

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	12.1	10.9	16.3

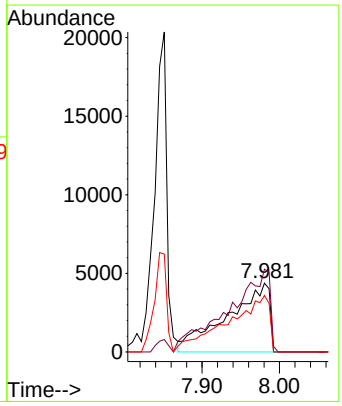




#32
Benzoic acid
Concen: 50.20 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:122 Resp: 16427

Ion	Ratio	Lower	Upper
122	100		
105	120.4	97.6	137.6
77	82.1	59.6	99.6



Instrument :
BNA_F
ClientSampleId :
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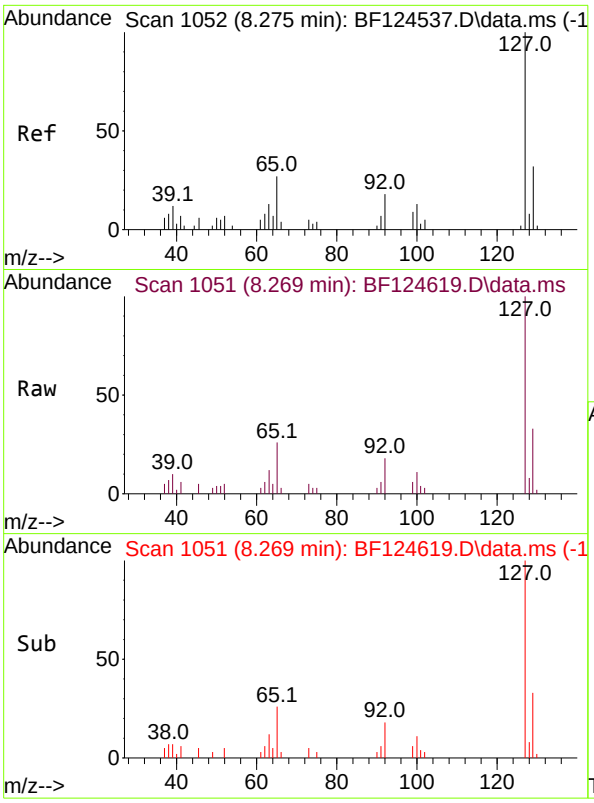
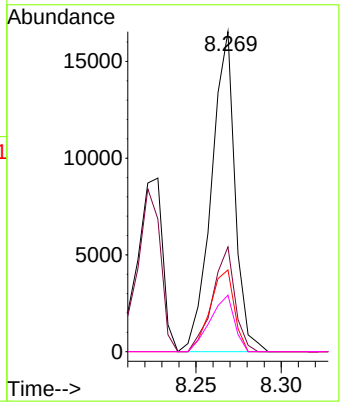
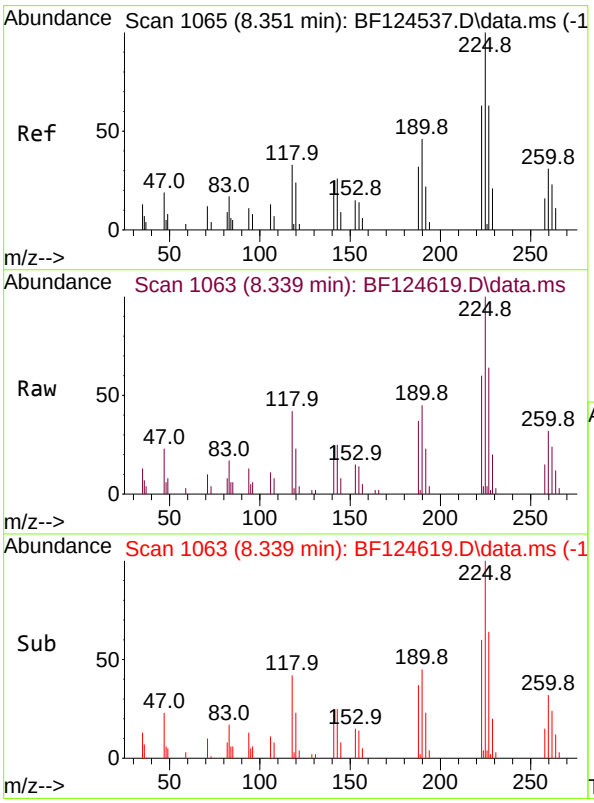


#33
4-Chloroaniline
Concen: 26.72 ng
RT: 8.269 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:127 Resp: 15937

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	25.5	21.2	31.8
92	17.7	14.0	21.0

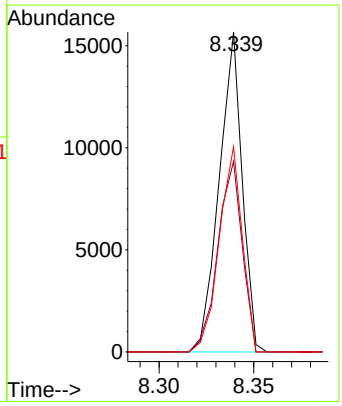




#34
Hexachlorobutadiene
Concen: 47.86 ng
RT: 8.339 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:225 Resp: 13213

Ion	Ratio	Lower	Upper
225	100		
223	59.6	50.6	76.0
227	64.1	50.6	75.8



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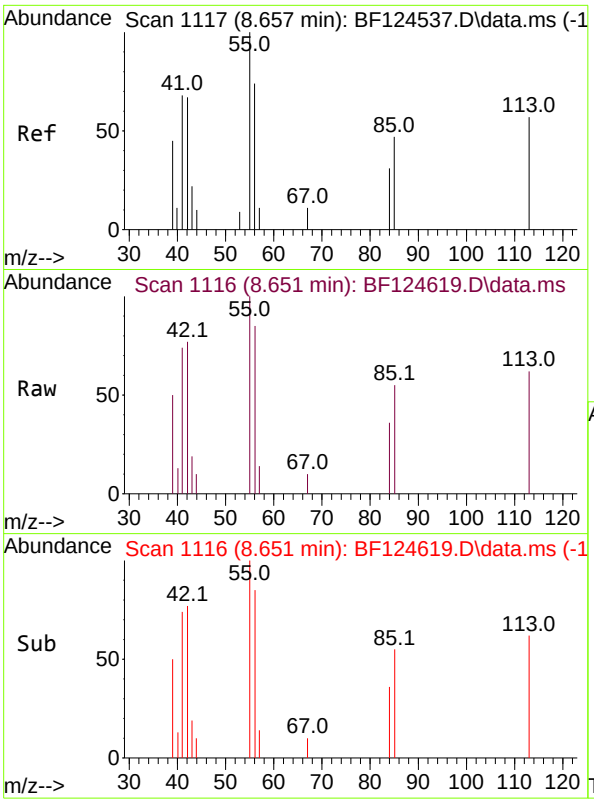
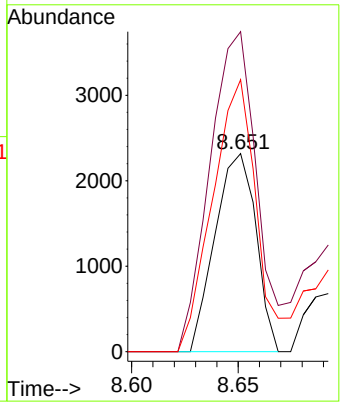
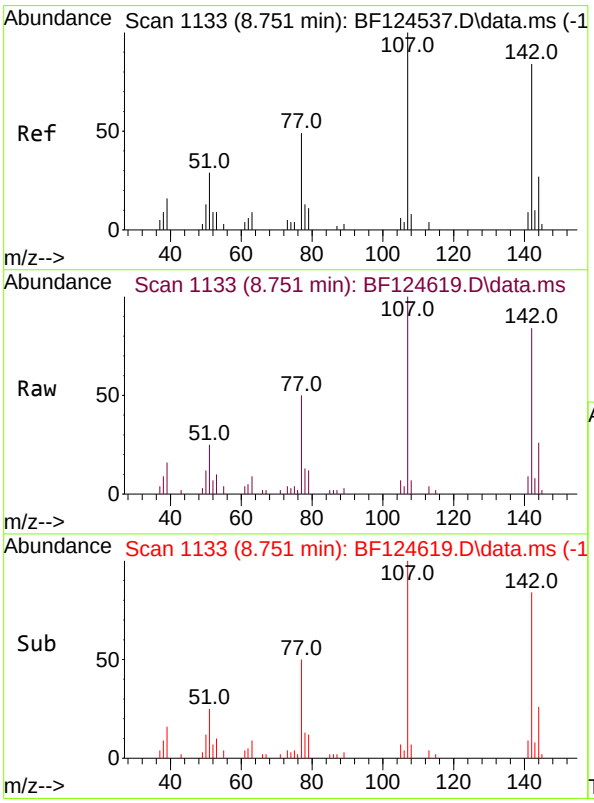


#35
Caprolactam
Concen: 27.68 ng
RT: 8.651 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:113 Resp: 3095

Ion	Ratio	Lower	Upper
113	100		
55	161.6	154.1	194.1
56	137.3	108.7	148.7

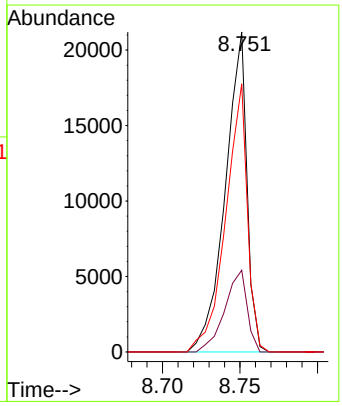


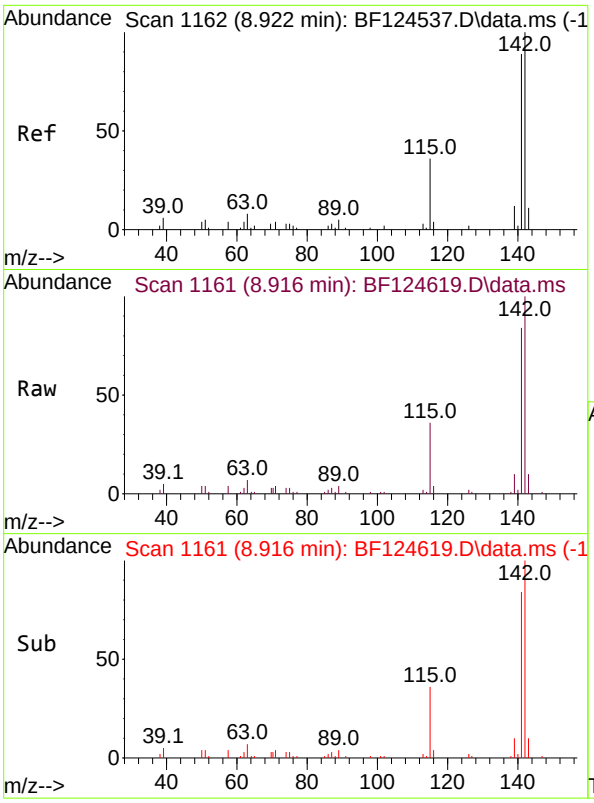


#36
4-Chloro-3-methylphenol
Concen: 47.14 ng
RT: 8.751 min Scan# 1133
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:107 Resp: 20604

Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.9	32.9
142	83.8	67.1	100.7

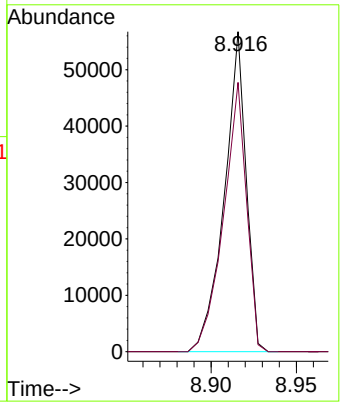




#37
2-Methylnaphthalene
Concen: 47.51 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:142 Resp: 50613

Ion	Ratio	Lower	Upper
142	100		
141	84.2	71.2	106.8



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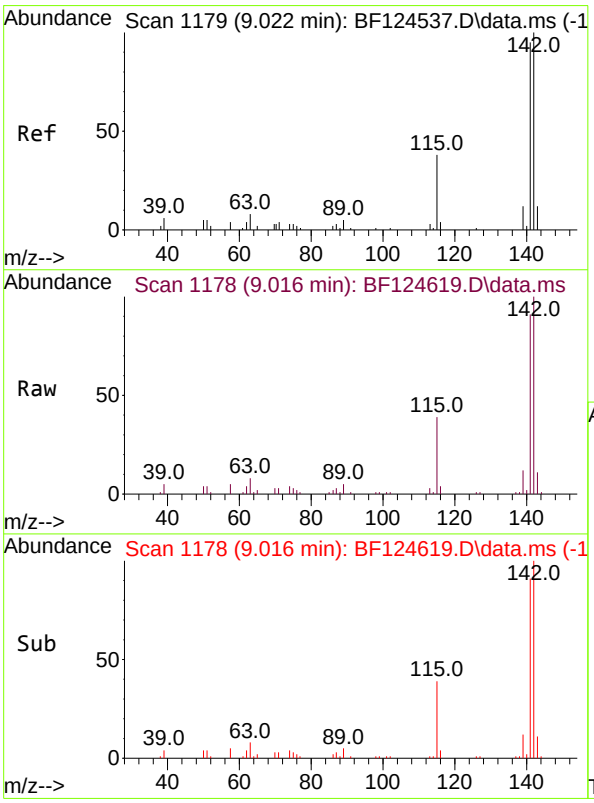
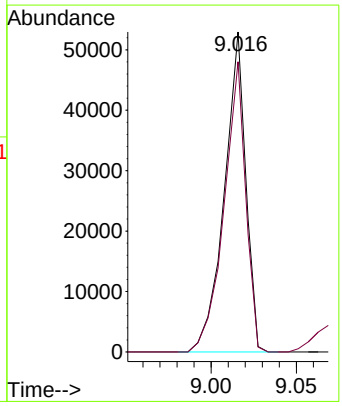
BNA_F
ClientSampleId :
20210578-COM-1MSD



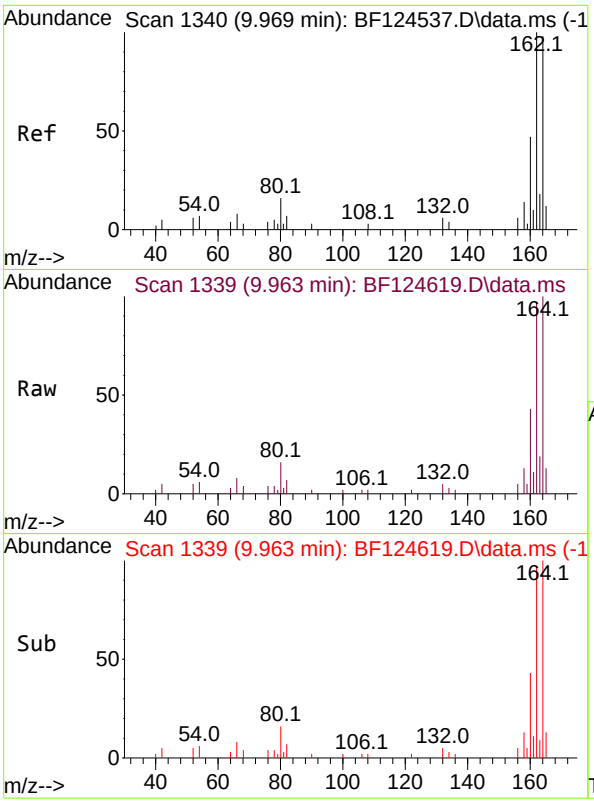
#38
1-Methylnaphthalene
Concen: 46.34 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:142 Resp: 46364

Ion	Ratio	Lower	Upper
142	100		
141	90.7	76.0	114.0



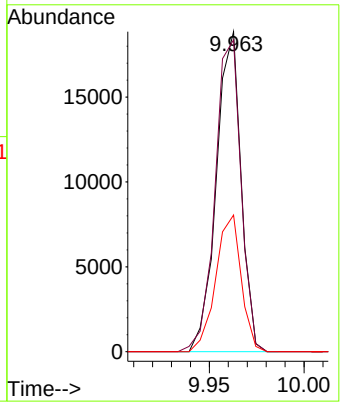
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

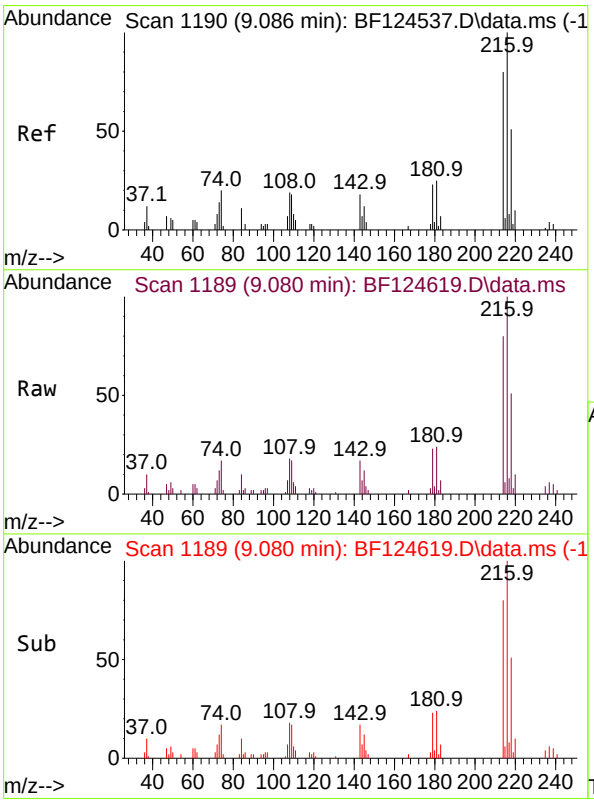


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:164 Resp: 17107

Ion	Ratio	Lower	Upper
164	100		
162	97.5	81.3	121.9
160	42.7	38.0	57.0

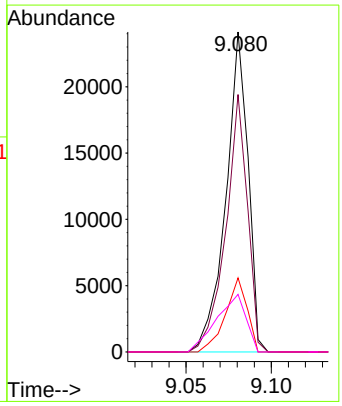




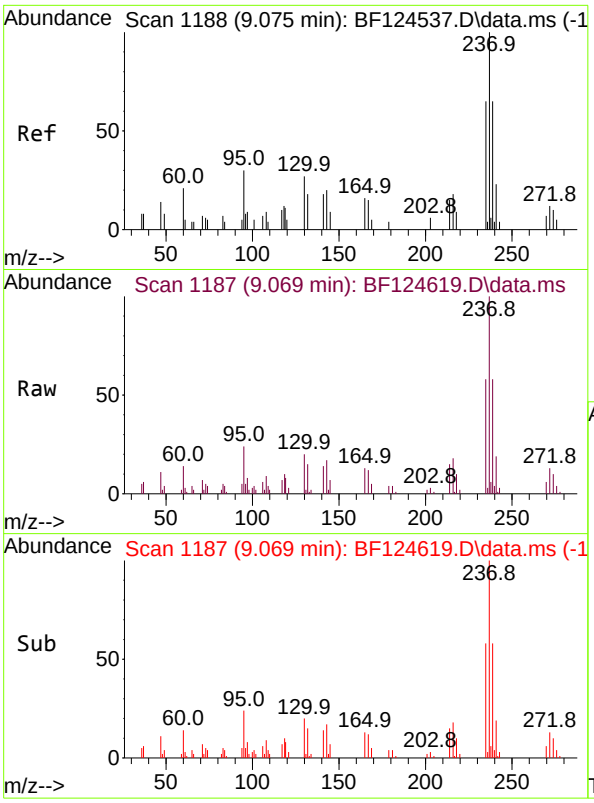
#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.69 ng
RT: 9.080 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:216 Resp: 21758

Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.9	97.3
179	22.7	17.4	26.2
108	24.1	16.5	24.7



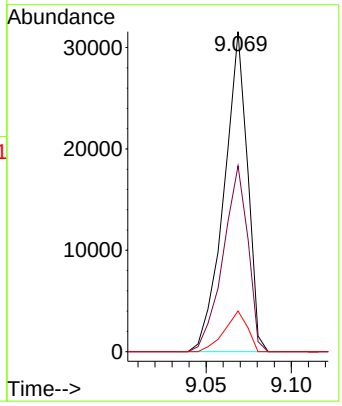
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

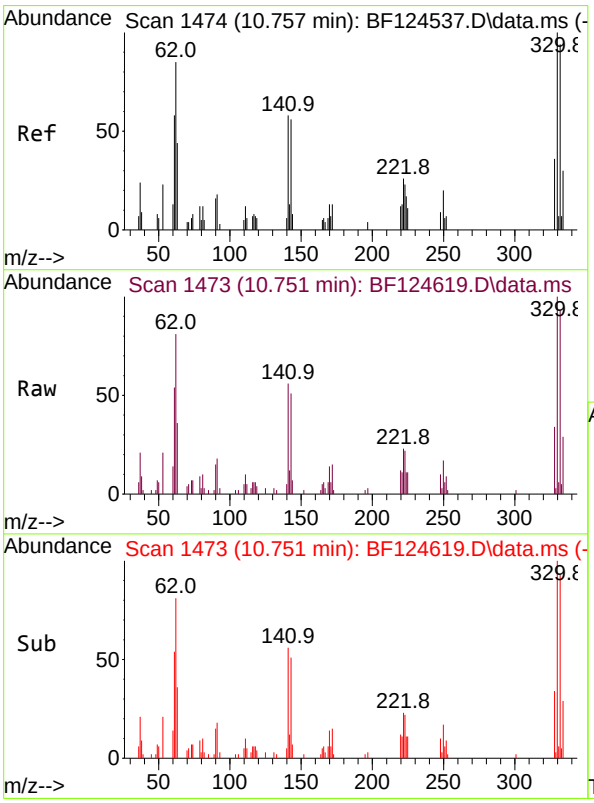


#41
Hexachlorocyclopentadiene
Concen: 105.89 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:237 Resp: 30181

Ion	Ratio	Lower	Upper
237	100		
235	58.1	44.7	84.7
272	12.7	0.0	31.6

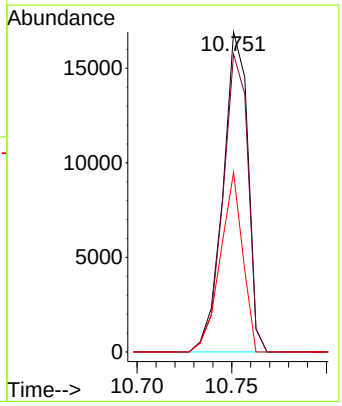




#42
2,4,6-Tribromophenol
Concen: 115.58 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:330 Resp: 15387

Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.2	114.4
141	50.6	44.6	66.8



Instrument :
BNA_F
ClientSampleId :
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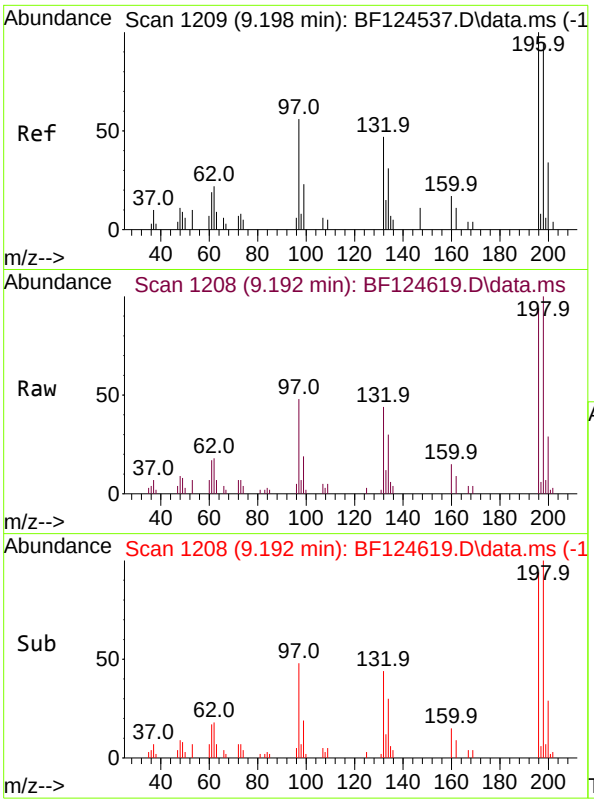
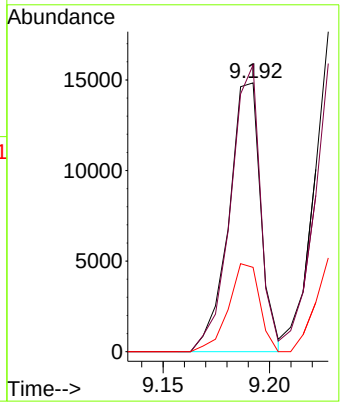
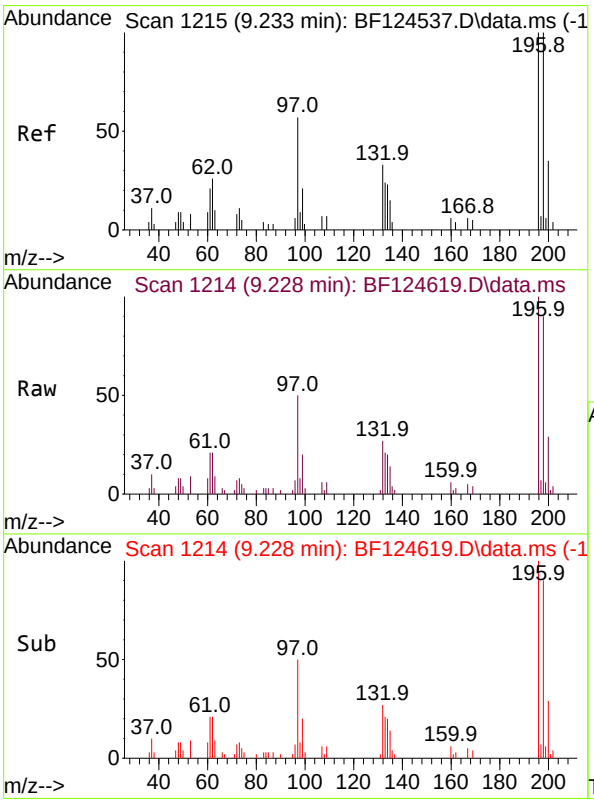


#43
2,4,6-Trichlorophenol
Concen: 47.03 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:196 Resp: 15492

Ion	Ratio	Lower	Upper
196	100		
198	106.7	74.9	112.3
200	31.4	27.0	40.4

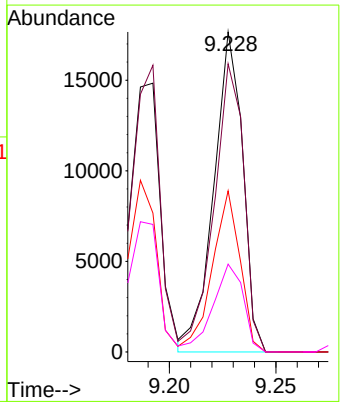


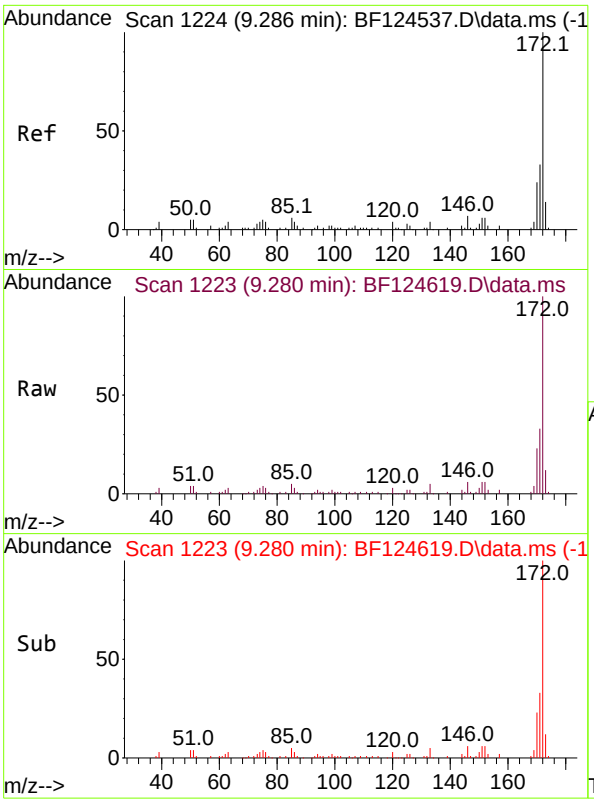


#44
2,4,5-Trichlorophenol
Concen: 49.00 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:196 Resp: 16647

Ion	Ratio	Lower	Upper
196	100		
198	90.1	80.2	120.2
97	50.3	44.0	66.0
132	27.4	25.4	38.0

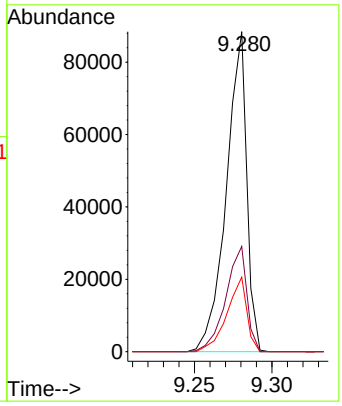




#45
2-Fluorobiphenyl
Concen: 68.86 ng
RT: 9.280 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:172 Resp: 80787

Ion	Ratio	Lower	Upper
172	100		
171	32.9	26.5	39.7
170	23.3	18.8	28.2



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ClientSampleId :
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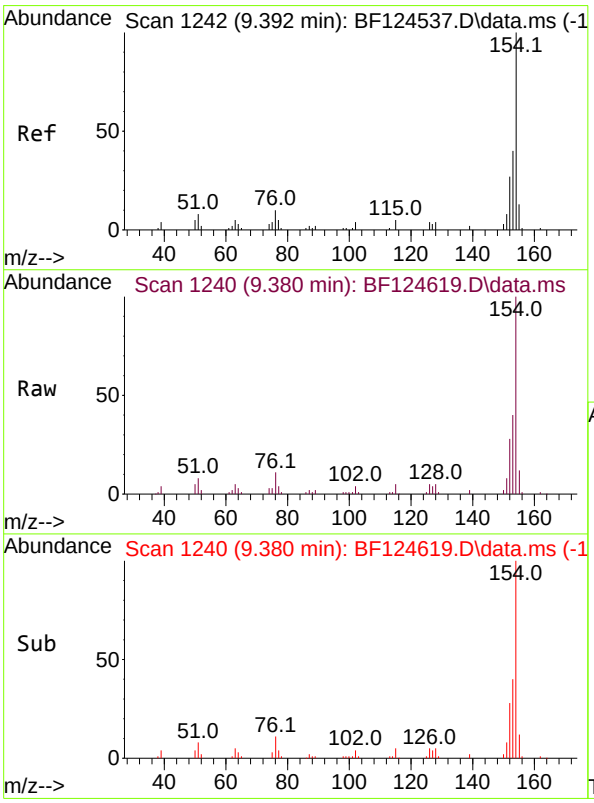
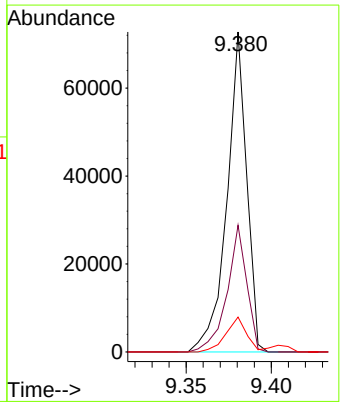


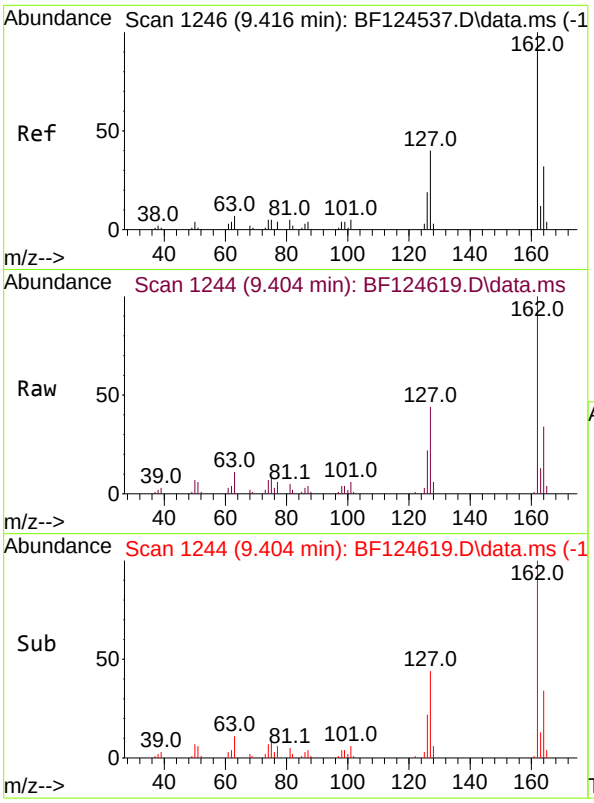
#46
1,1'-Biphenyl
Concen: 45.23 ng
RT: 9.380 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:154 Resp: 58767

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.0	60.0
76	10.9	0.0	30.3



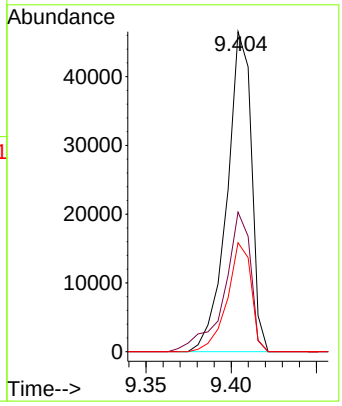
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

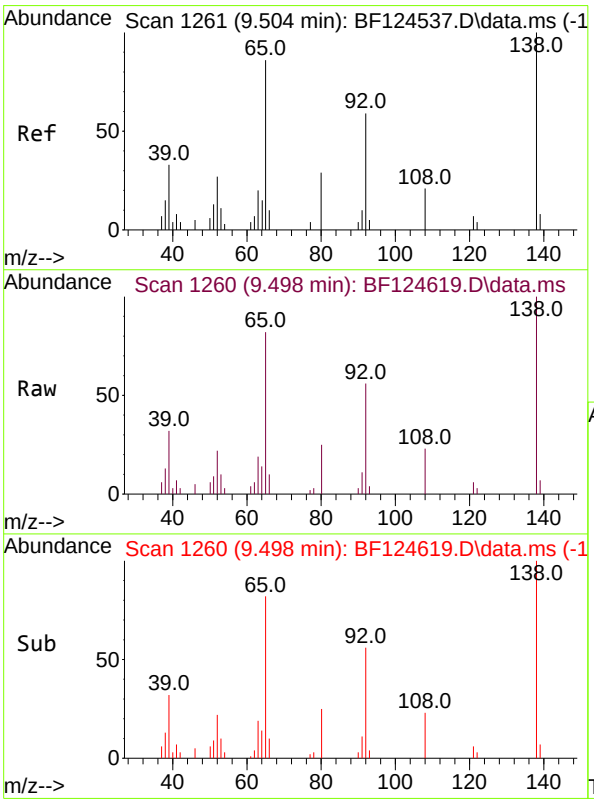


#47
2-Chloronaphthalene
Concen: 45.59 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:162 Resp: 46440

Ion	Ratio	Lower	Upper
162	100		
127	43.6	33.0	49.4
164	34.1	25.8	38.8

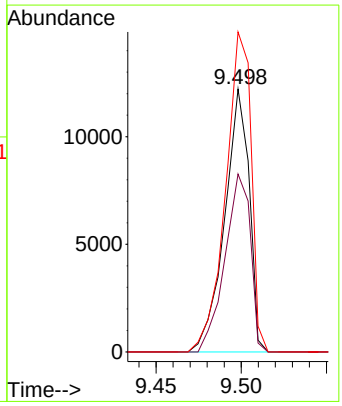


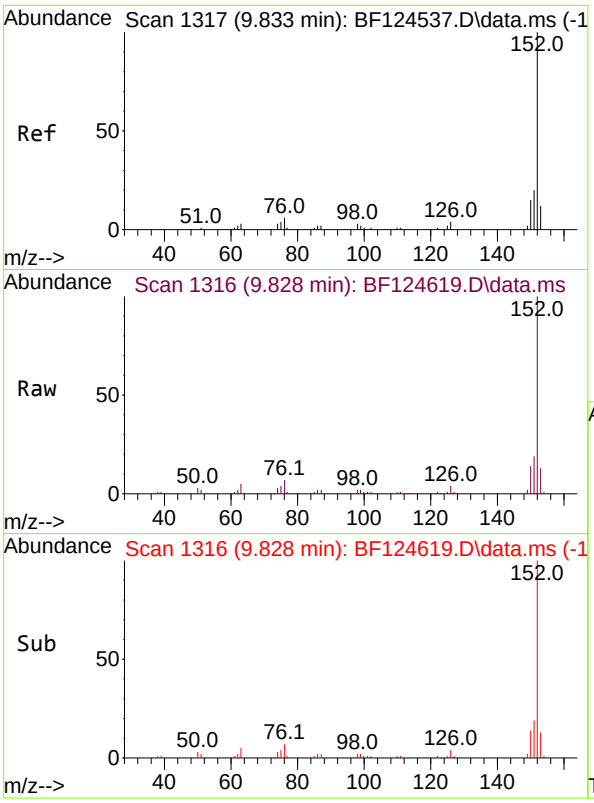


#48
2-Nitroaniline
Concen: 49.86 ng
RT: 9.498 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 65 Resp: 12215

Ion	Ratio	Lower	Upper
65	100		
92	67.7	55.5	83.3
138	121.7	93.5	140.3

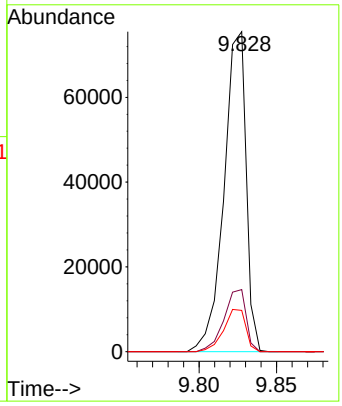




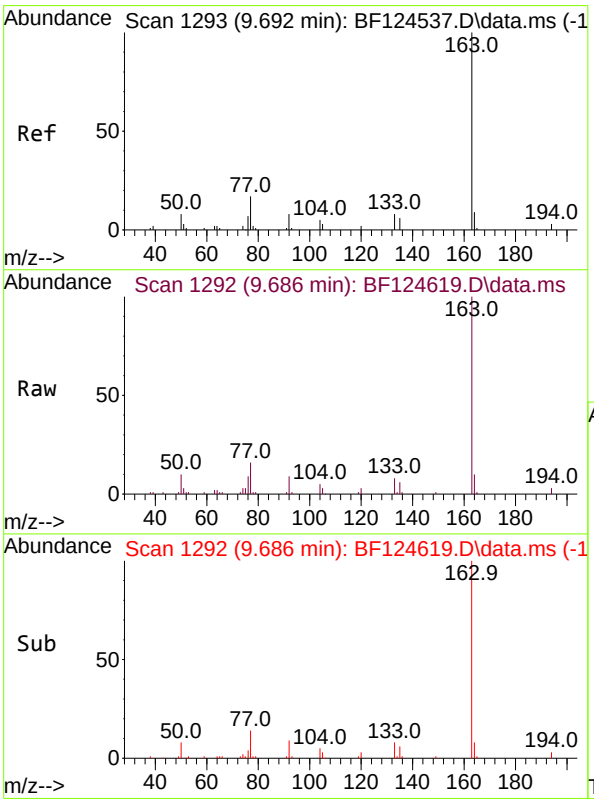
#49
Acenaphthylene
Concen: 47.18 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:152 Resp: 75001

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	9.8	14.8



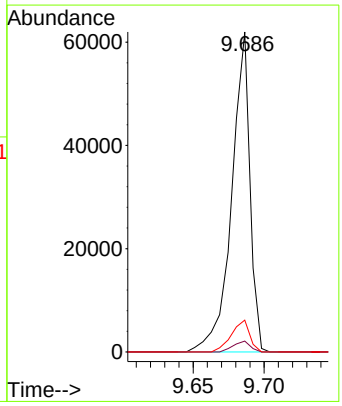
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD



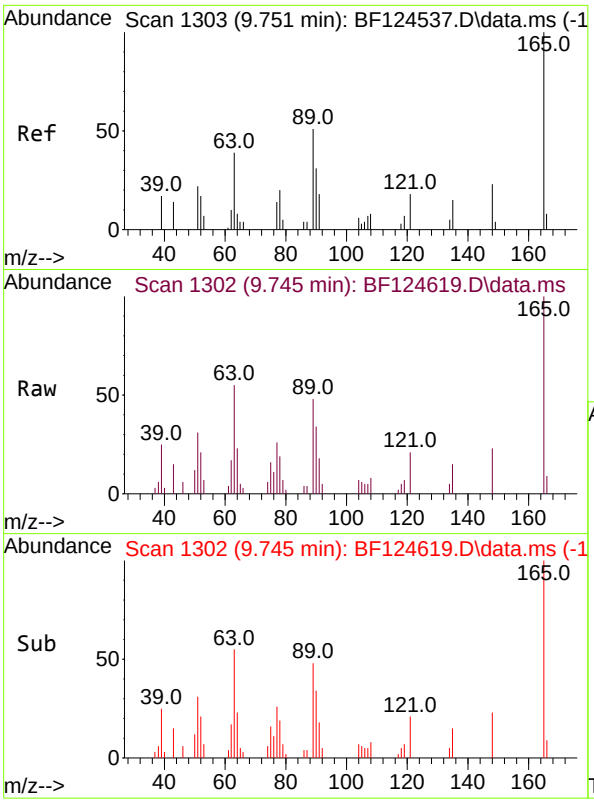
#50
Dimethylphthalate
Concen: 46.65 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:163 Resp: 55529

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	3.8
164	10.0	7.4	11.0



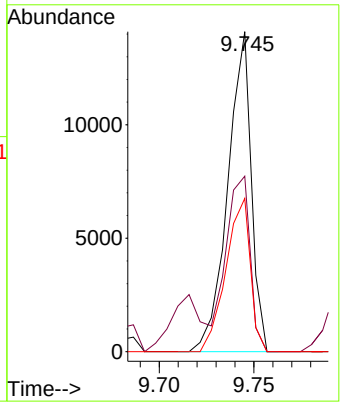
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

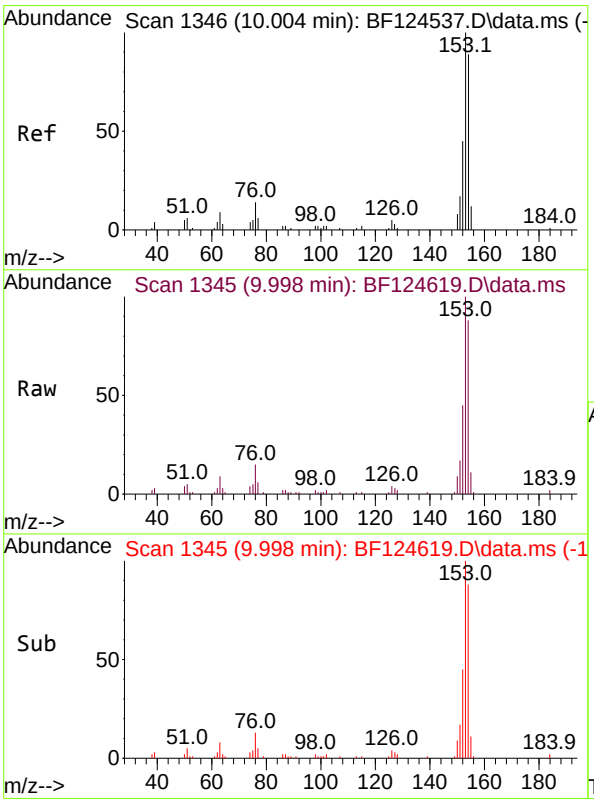


#51
2,6-Dinitrotoluene
Concen: 51.85 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:165 Resp: 12165

Ion	Ratio	Lower	Upper
165	100		
63	54.9	42.6	63.8
89	47.9	40.6	60.8

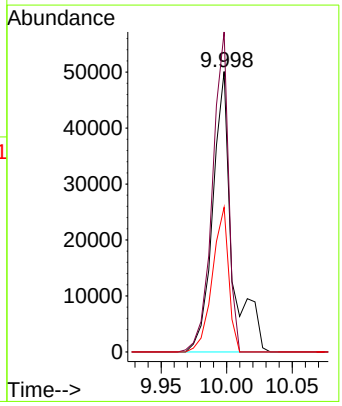




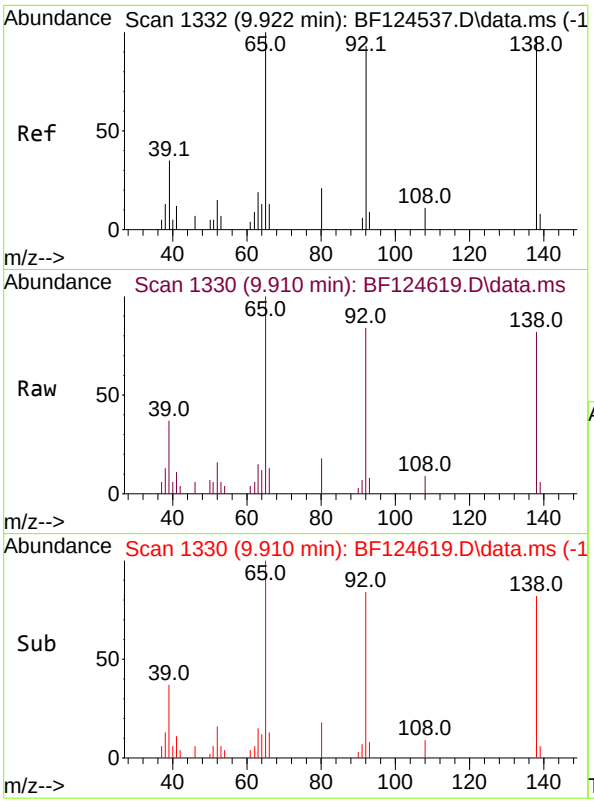
#52
Acenaphthene
Concen: 50.66 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:154 Resp: 51495

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.4	134.2
152	51.6	40.5	60.7



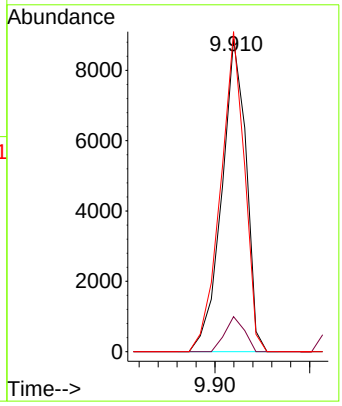
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

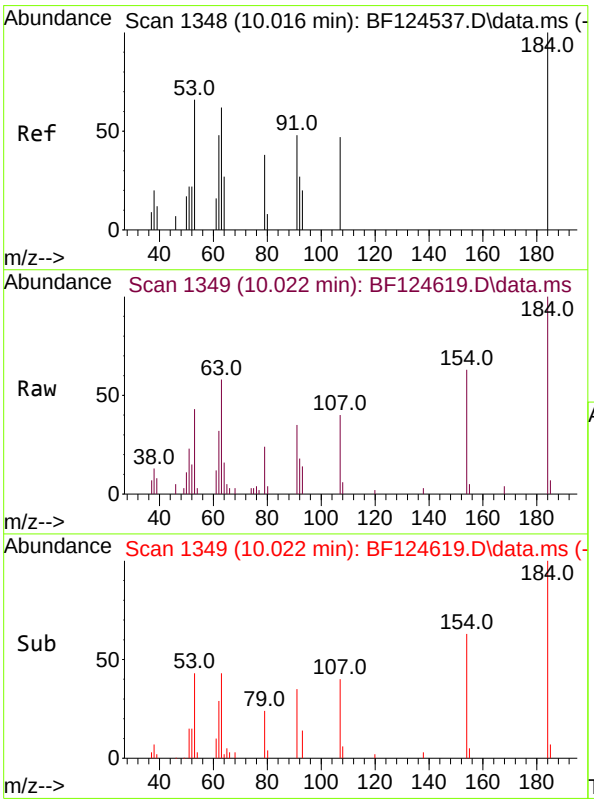


#53
3-Nitroaniline
Concen: 30.30 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:138 Resp: 7933

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.3	13.9
92	102.4	76.5	114.7

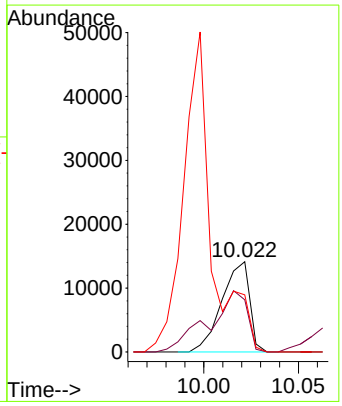




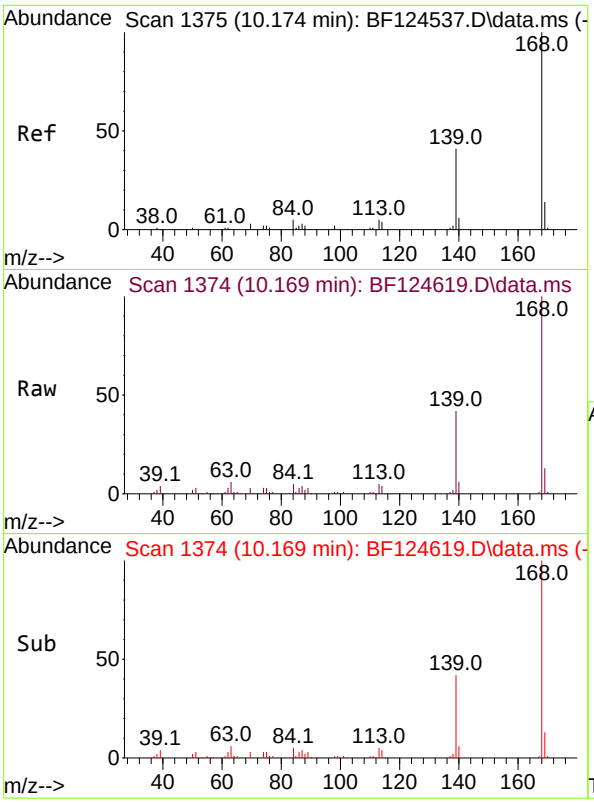
#54
2,4-Dinitrophenol
Concen: 117.42 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:184 Resp: 14376

Ion	Ratio	Lower	Upper
184	100		
63	57.7	59.3	88.9#
154	63.3	68.6	102.8#



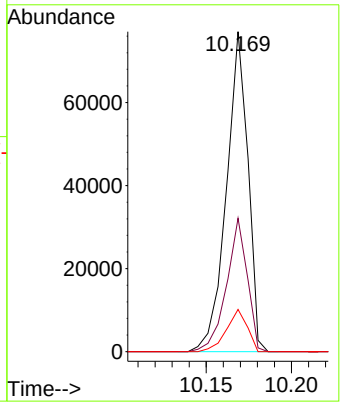
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

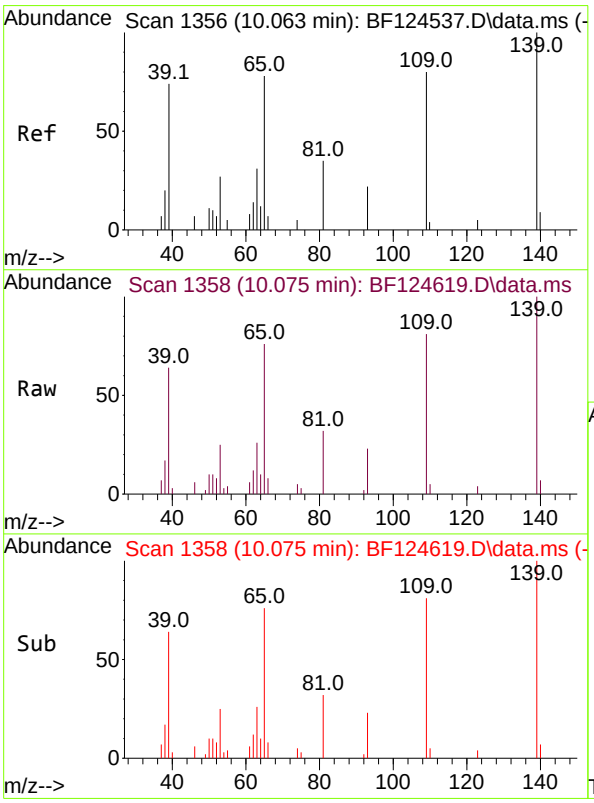


#55
Dibenzofuran
Concen: 45.12 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:168 Resp: 67436

Ion	Ratio	Lower	Upper
168	100		
139	41.7	32.7	49.1
169	13.2	11.2	16.8

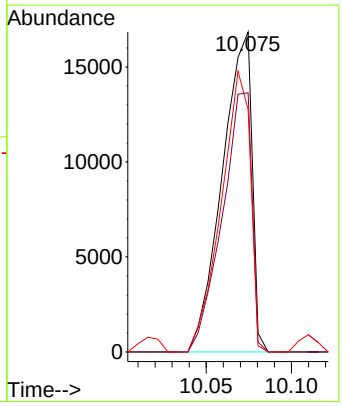




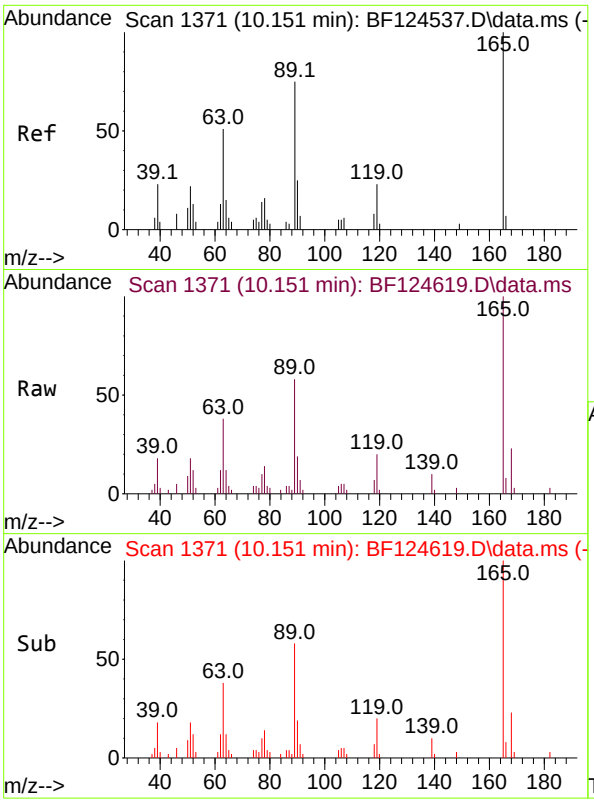
#56
4-Nitrophenol
Concen: 93.69 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.018 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:139 Resp: 20416

Ion	Ratio	Lower	Upper
139	100		
109	81.0	60.4	100.4
65	75.8	58.4	98.4



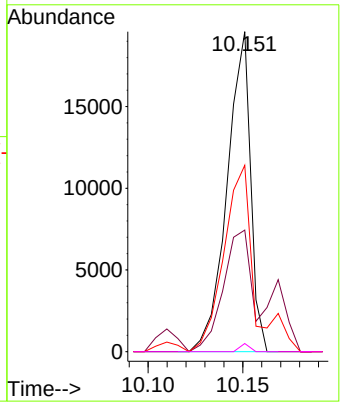
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

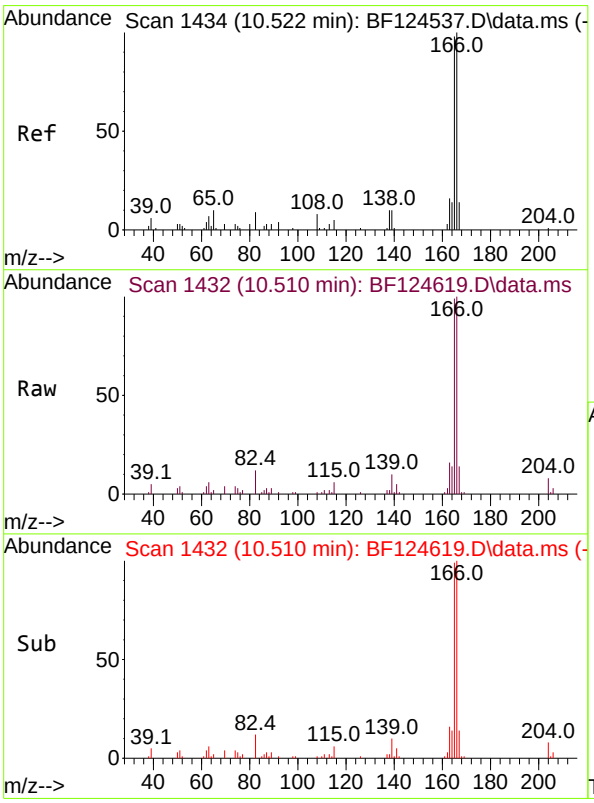


#57
2,4-Dinitrotoluene
Concen: 52.38 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:165 Resp: 16824

Ion	Ratio	Lower	Upper
165	100		
63	38.0	40.9	61.3#
89	58.3	59.7	89.5#
182	2.6	0.0	0.0#

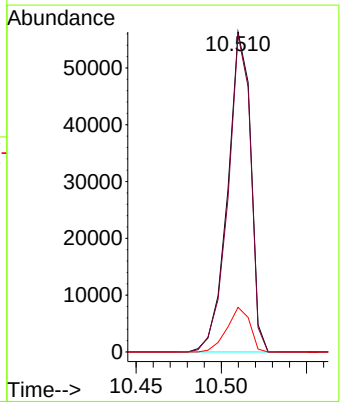




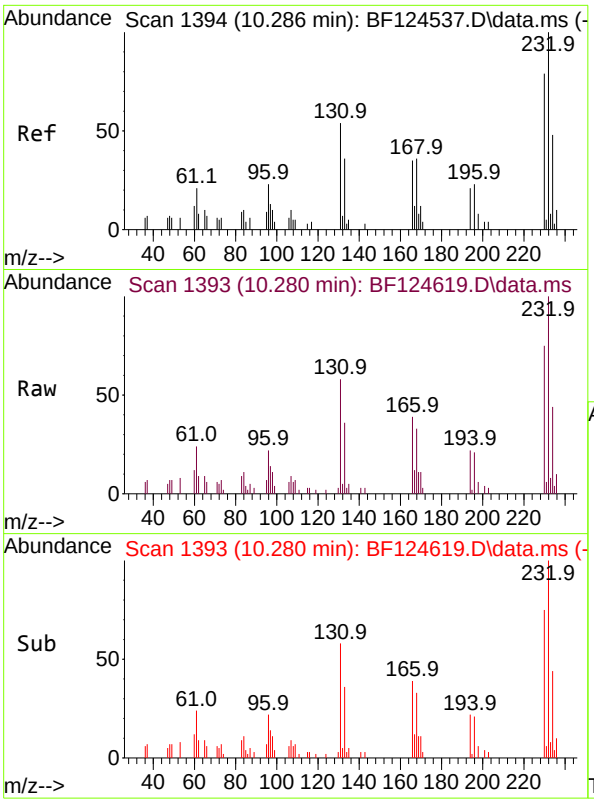
#58
Fluorene
Concen: 45.81 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:166 Resp: 52953

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.1	117.1
167	13.9	11.1	16.7



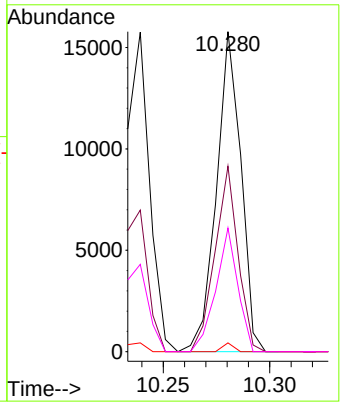
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

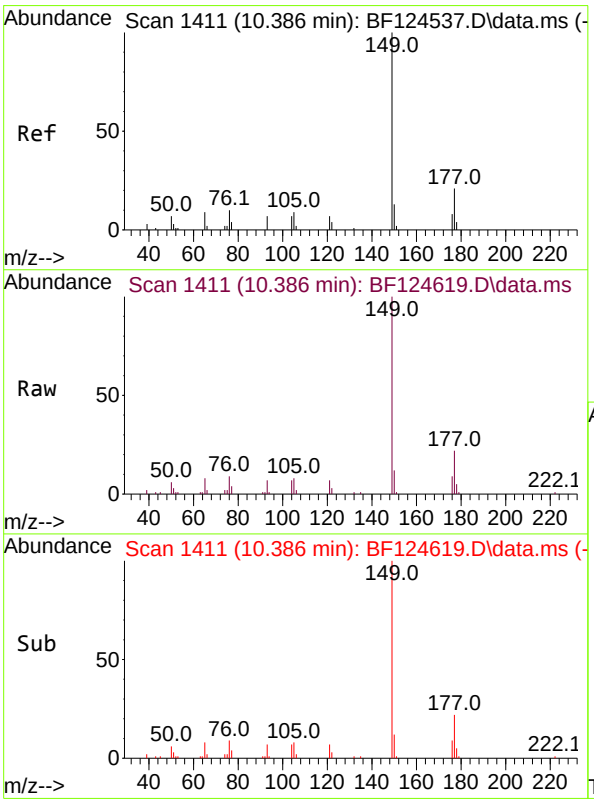


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.84 ng
RT: 10.280 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:232 Resp: 12553

Ion	Ratio	Lower	Upper
232	100		
131	55.0	45.4	68.0
130	1.2	0.0	0.0#
166	34.9	28.5	42.7

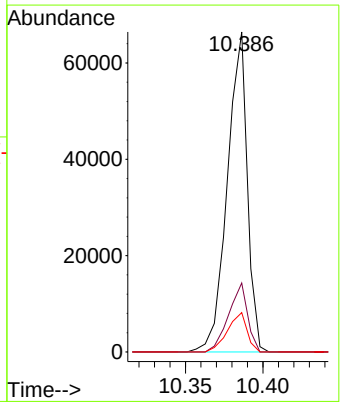




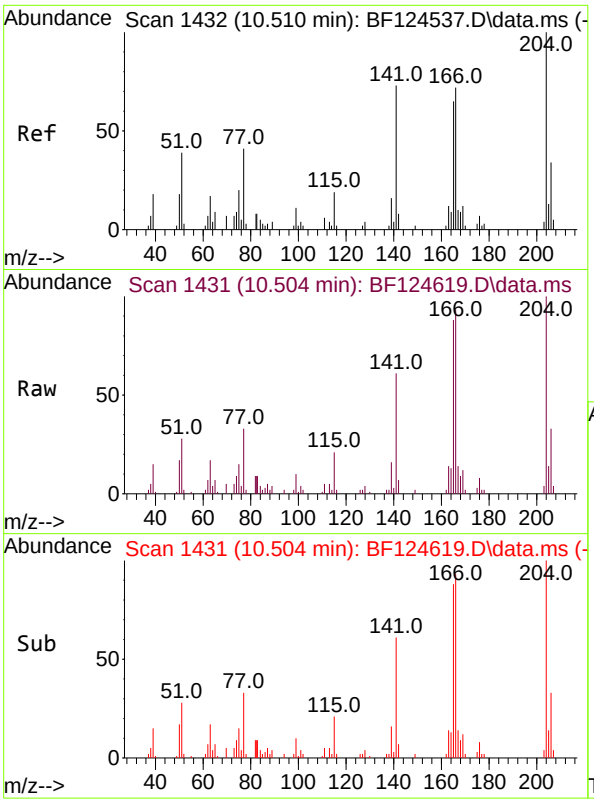
#60
Diethylphthalate
Concen: 47.87 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:149 Resp: 59567

Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.5	24.7
150	12.3	10.1	15.1



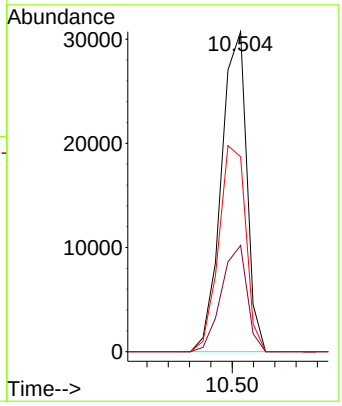
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

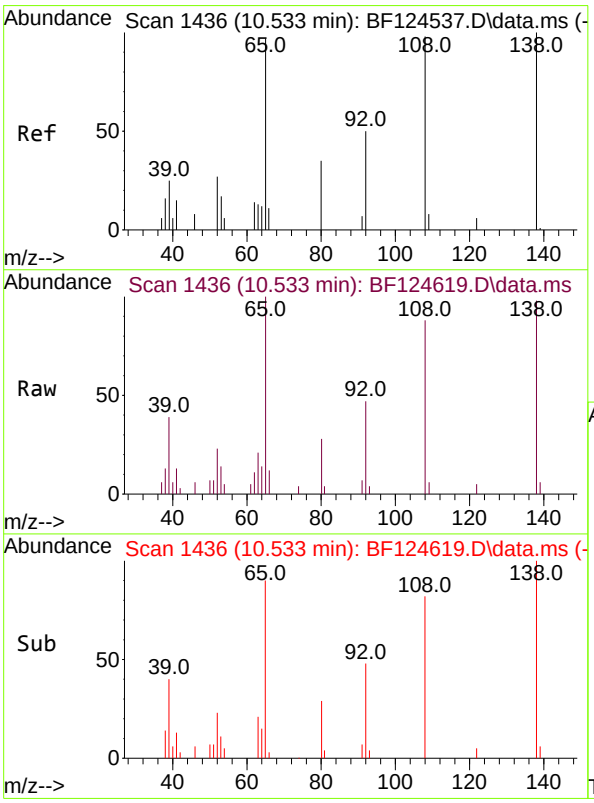


#61
4-Chlorophenyl-phenylether
Concen: 48.55 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:204 Resp: 25477

Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.6	41.4
141	60.9	58.6	88.0

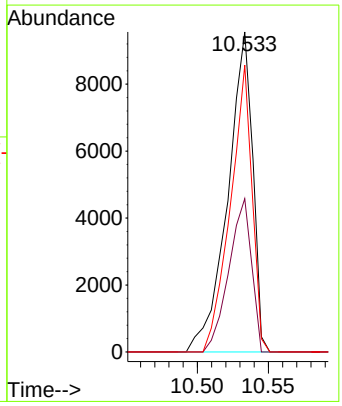




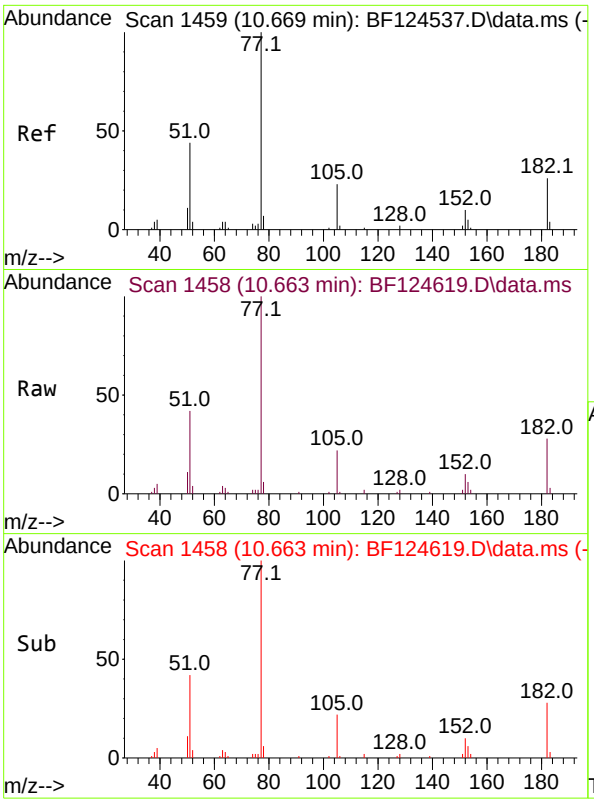
#62
4-Nitroaniline
Concen: 44.27 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:138 Resp: 11682

Ion	Ratio	Lower	Upper
138	100		
92	47.9	29.6	69.6
108	89.7	78.1	118.1



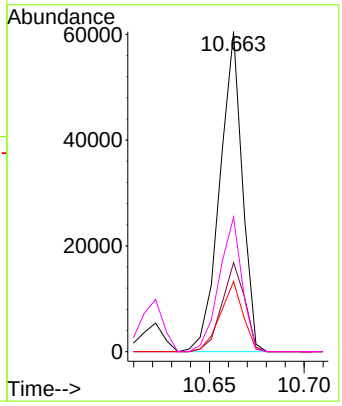
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

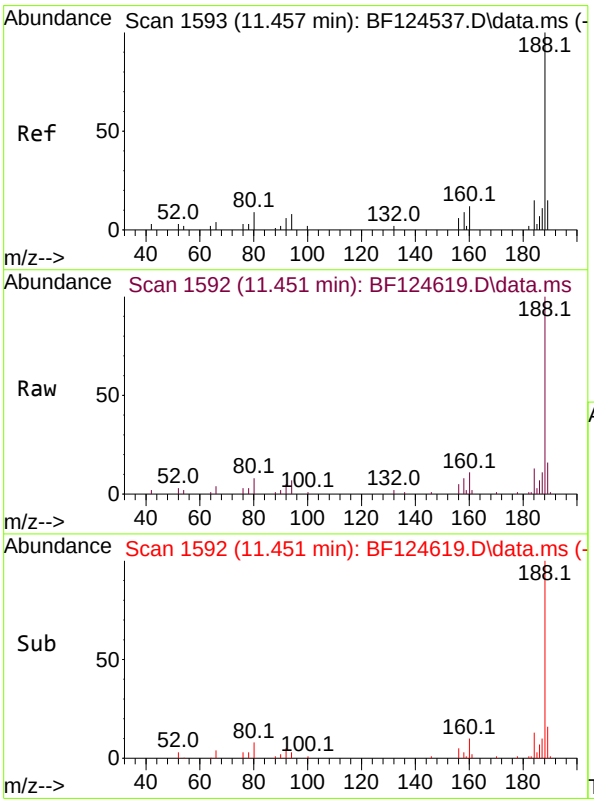


#63
Azobenzene
Concen: 45.84 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion: 77 Resp: 49862

Ion	Ratio	Lower	Upper
77	100		
182	27.8	6.3	46.3
105	21.9	2.9	42.9
51	42.0	24.1	64.1

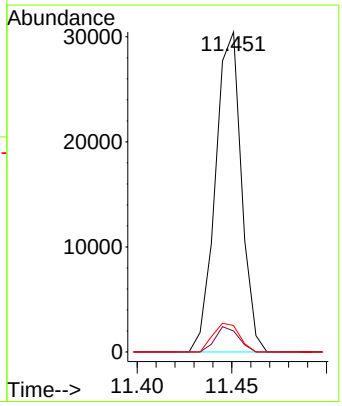




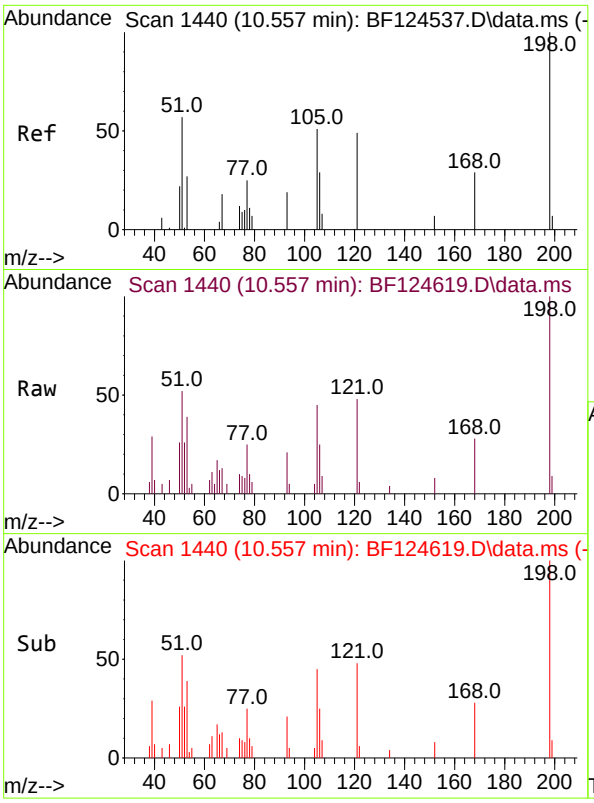
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:188 Resp: 29103

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.7	10.1#
80	8.2	7.5	11.3



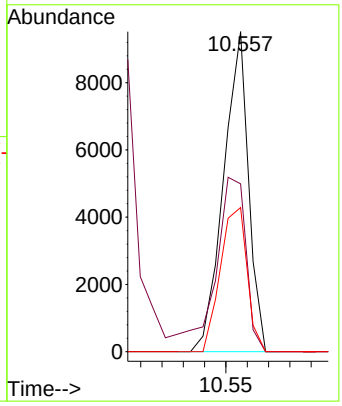
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

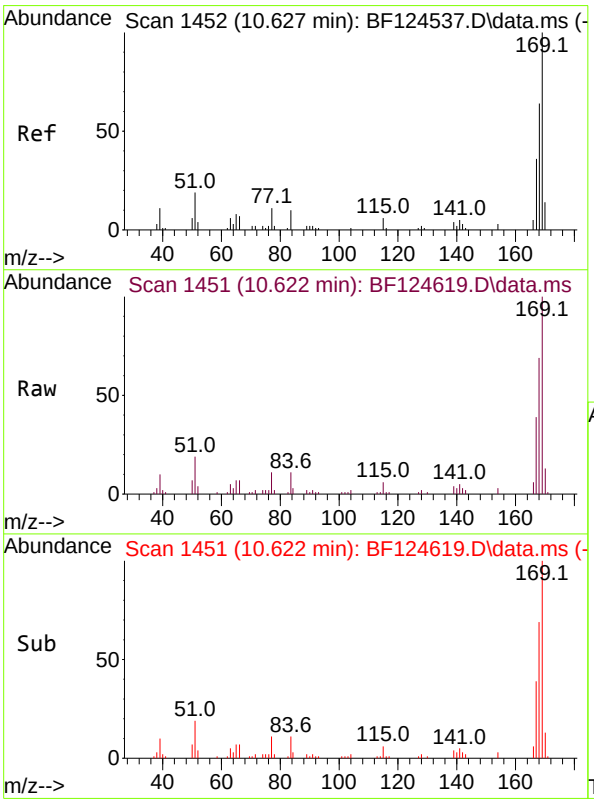


#65
4,6-Dinitro-2-methylphenol
Concen: 46.53 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:198 Resp: 7736

Ion	Ratio	Lower	Upper
198	100		
51	52.4	45.3	85.3
105	45.1	30.6	70.6

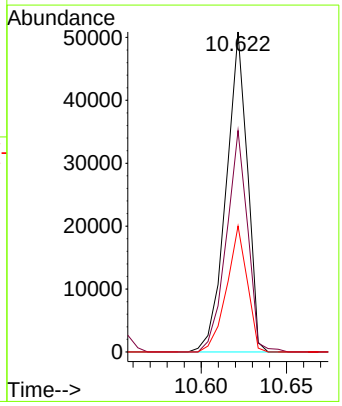




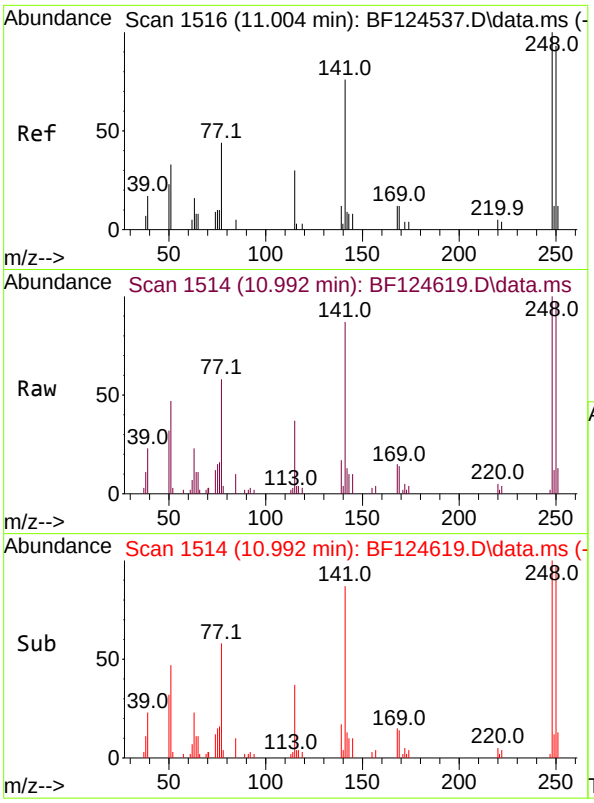
#66
n-Nitrosodiphenylamine
Concen: 46.42 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:169 Resp: 43991

Ion	Ratio	Lower	Upper
169	100		
168	69.2	50.8	76.2
167	39.4	28.8	43.2



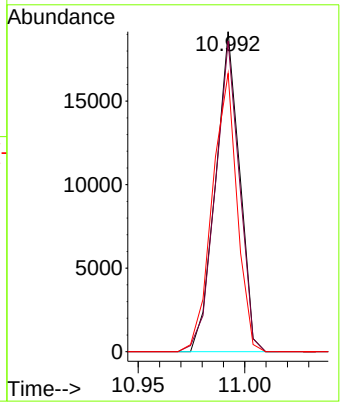
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

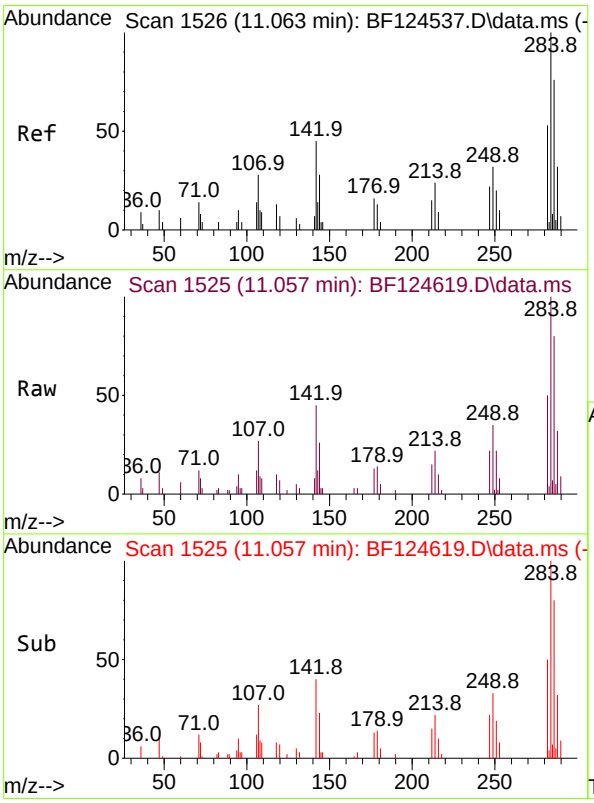


#67
4-Bromophenyl-phenylether
Concen: 49.93 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:248 Resp: 15027

Ion	Ratio	Lower	Upper
248	100		
250	97.0	74.2	111.4
141	86.9	60.4	90.6

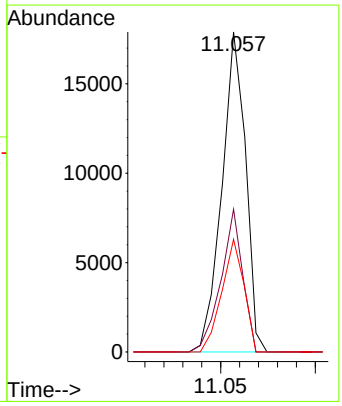




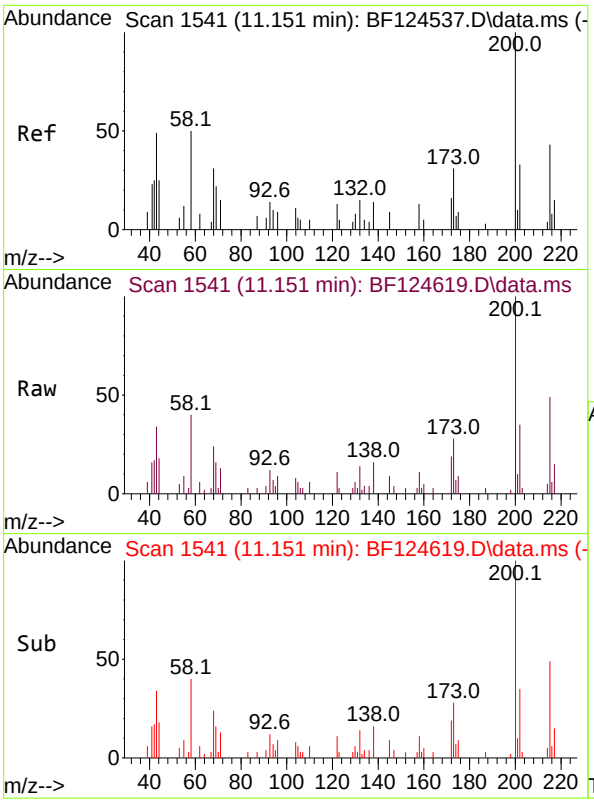
#68
Hexachlorobenzene
Concen: 50.40 ng
RT: 11.057 min Scan# 1525
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:284 Resp: 15541

Ion	Ratio	Lower	Upper
284	100		
142	44.6	36.4	54.6
249	35.2	25.6	38.4



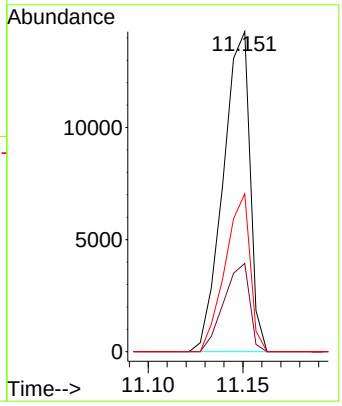
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

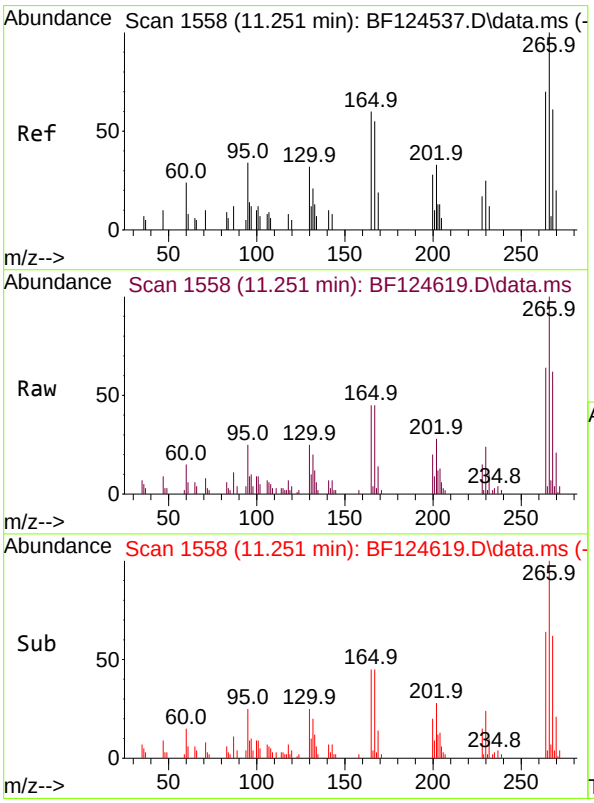


#69
Atrazine
Concen: 48.42 ng
RT: 11.151 min Scan# 1541
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:200 Resp: 14052

Ion	Ratio	Lower	Upper
200	100		
173	27.6	11.1	51.1
215	49.4	22.7	62.7

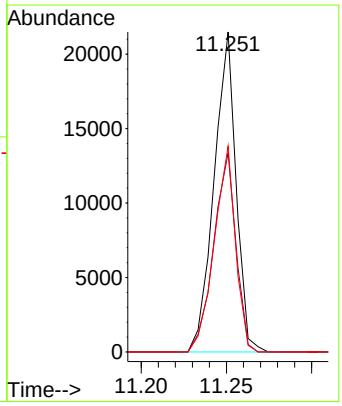




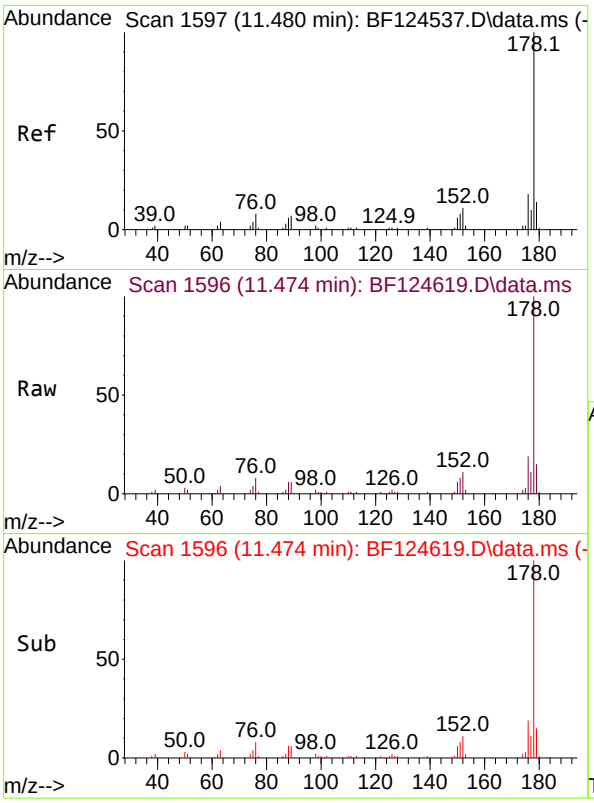
#70
Pentachlorophenol
Concen: 98.84 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:266 Resp: 19277

Ion	Ratio	Lower	Upper
266	100		
268	62.1	48.9	73.3
264	64.3	55.9	83.9



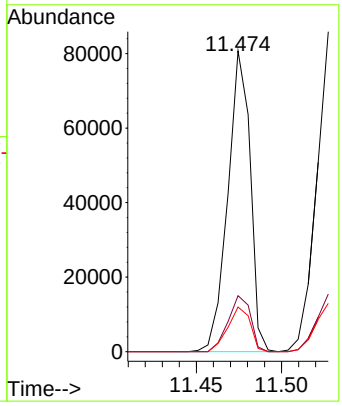
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

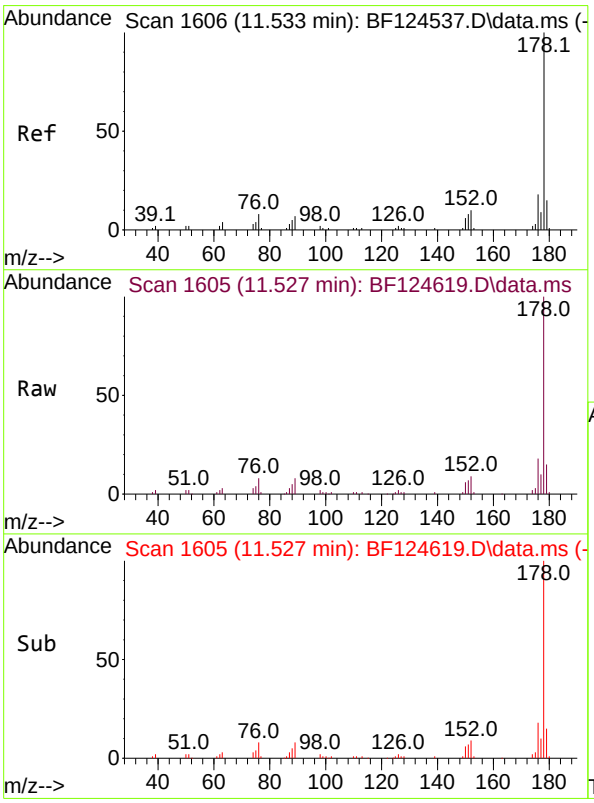


#71
Phenanthrene
Concen: 46.47 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:178 Resp: 73782

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	14.8	11.5	17.3

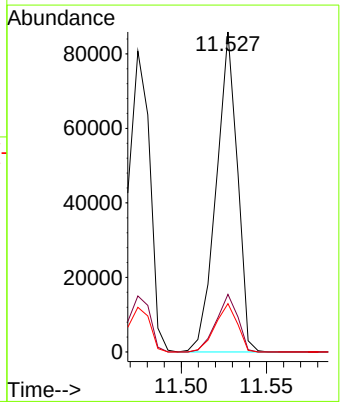


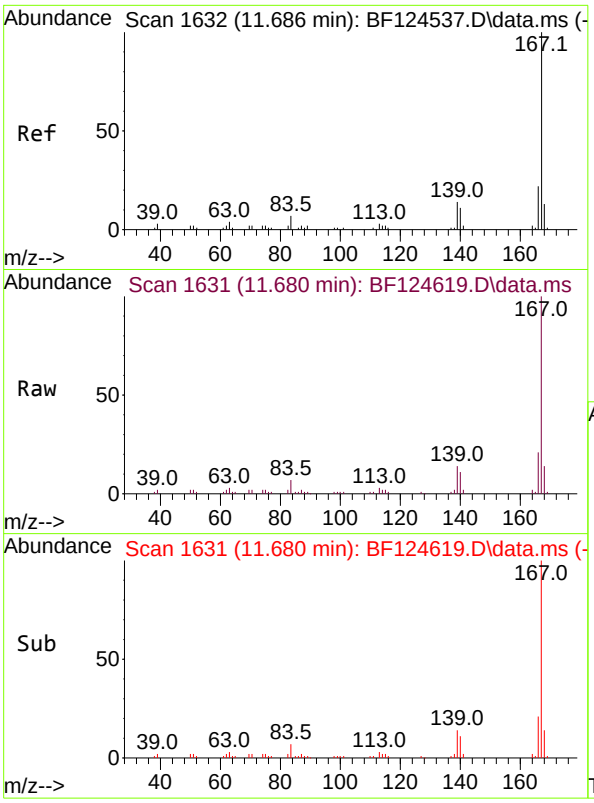


#72
Anthracene
Concen: 46.47 ng
RT: 11.527 min Scan# 1605
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:178 Resp: 74029

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.3	21.5
179	15.1	12.2	18.4

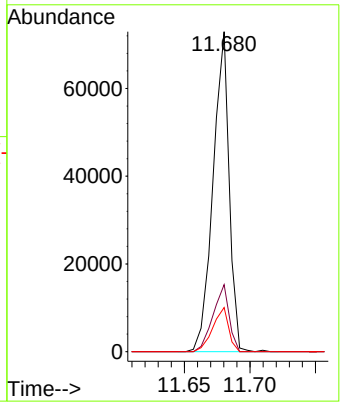




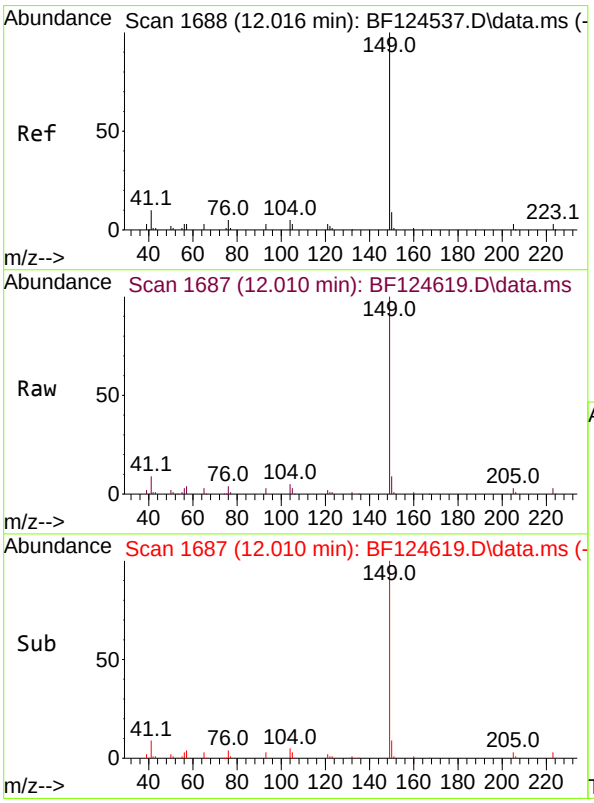
#73
Carbazole
Concen: 42.28 ng
RT: 11.680 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:167 Resp: 62234

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	13.8	11.0	16.4



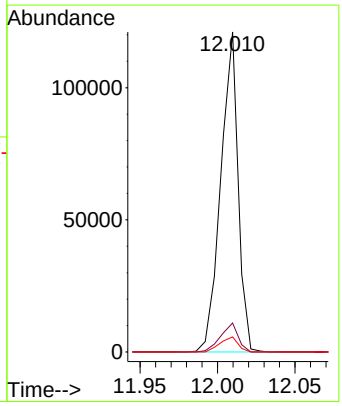
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD



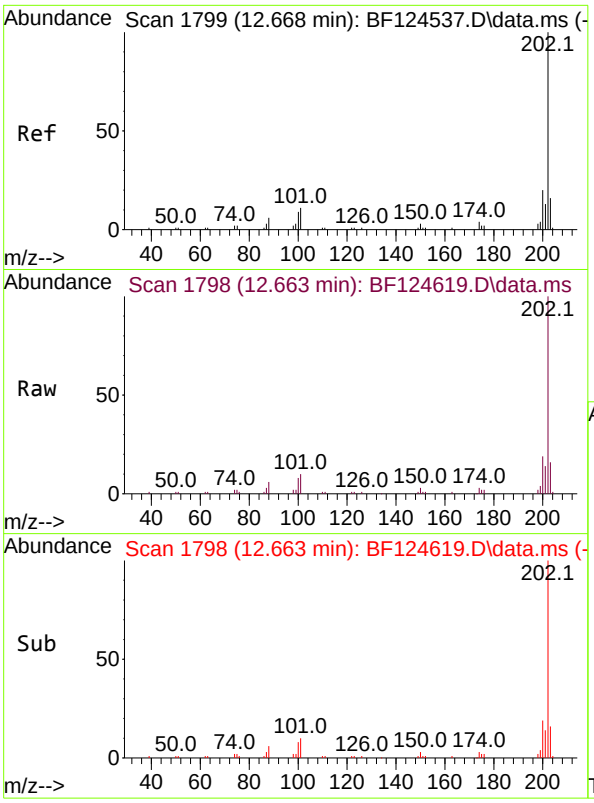
#74
Di-n-butylphthalate
Concen: 47.58 ng
RT: 12.010 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:149 Resp: 94339

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.7	4.1	6.1



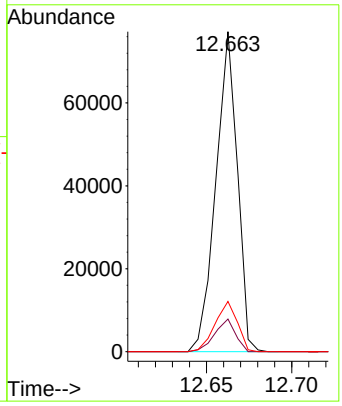
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

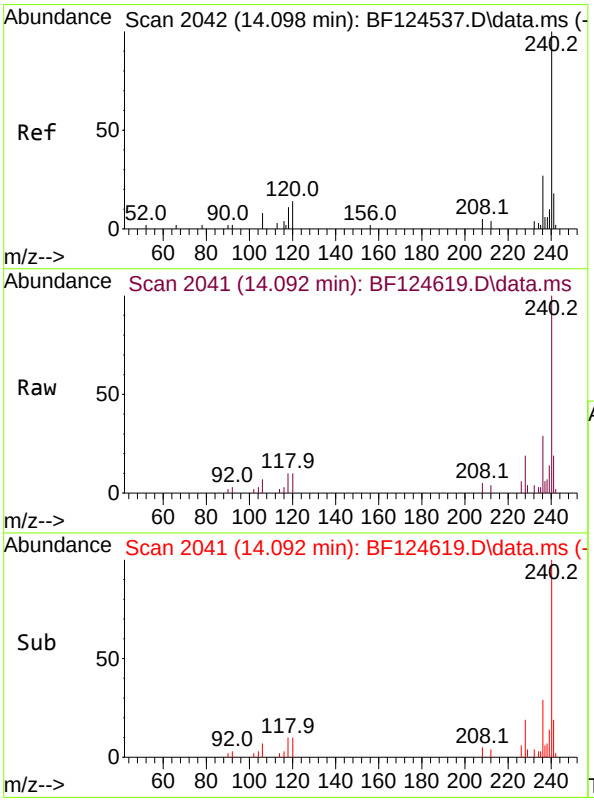


#75
Fluoranthene
Concen: 42.18 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:202 Resp: 67564

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.7
203	15.7	0.0	36.3

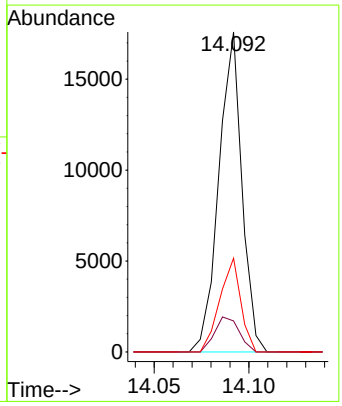




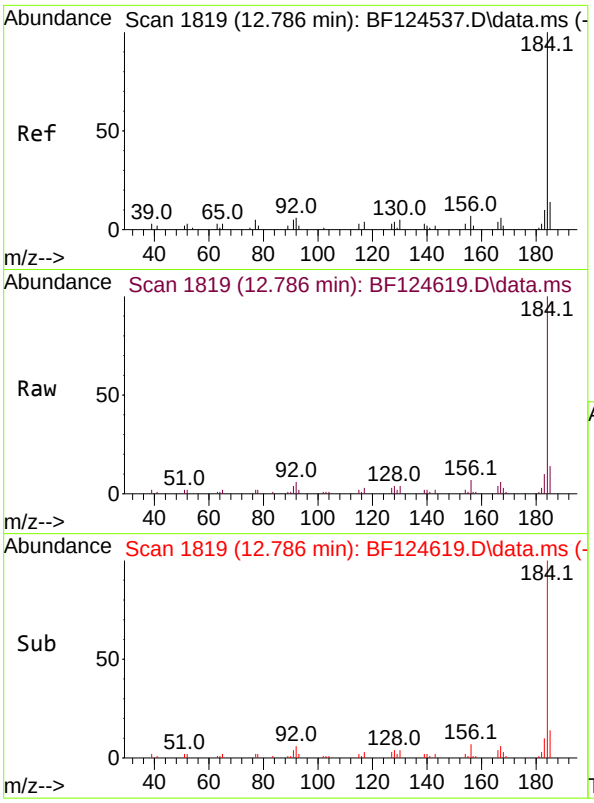
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:240 Resp: 14901

Ion	Ratio	Lower	Upper
240	100		
120	9.7	10.8	16.2#
236	29.3	21.6	32.4



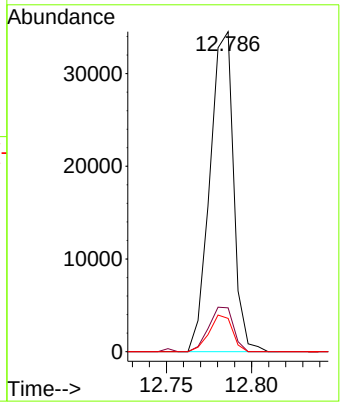
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

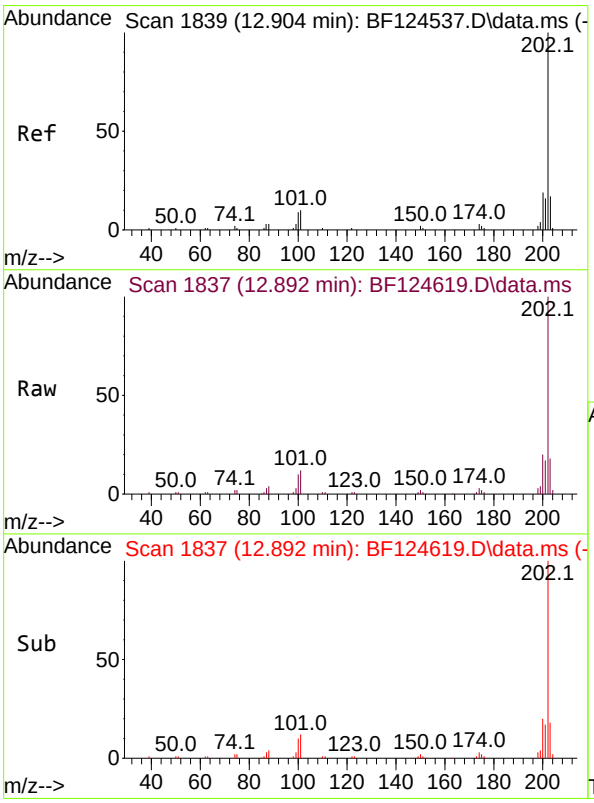


#77
Benzidine
Concen: 59.74 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.012 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:184 Resp: 33277

Ion	Ratio	Lower	Upper
184	100		
185	13.7	10.8	16.2
183	10.4	8.1	12.1

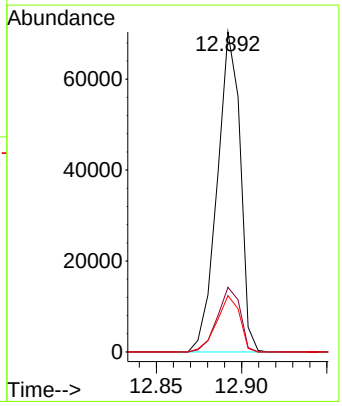




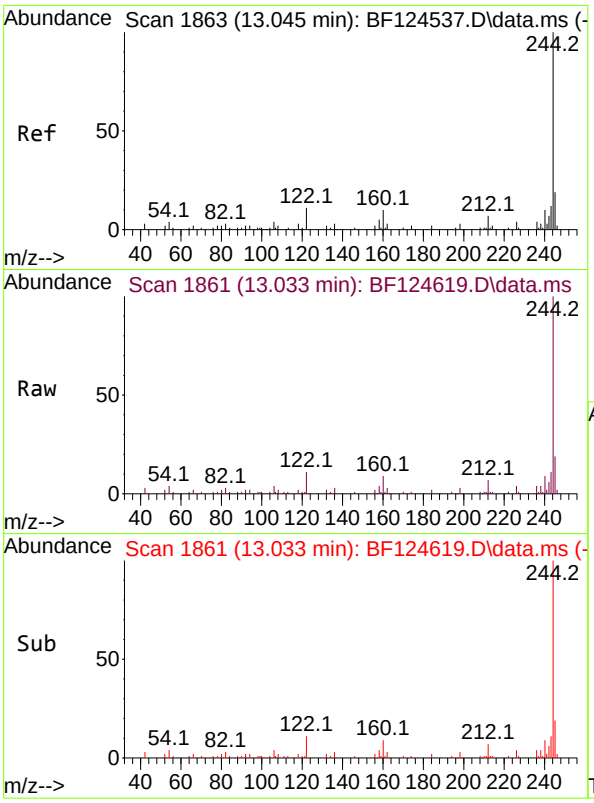
#78
Pyrene
Concen: 53.27 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:202 Resp: 65943

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.3	22.9
203	17.6	13.4	20.0



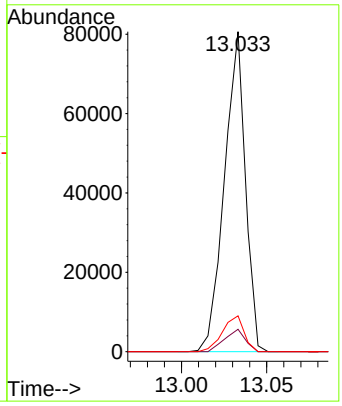
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

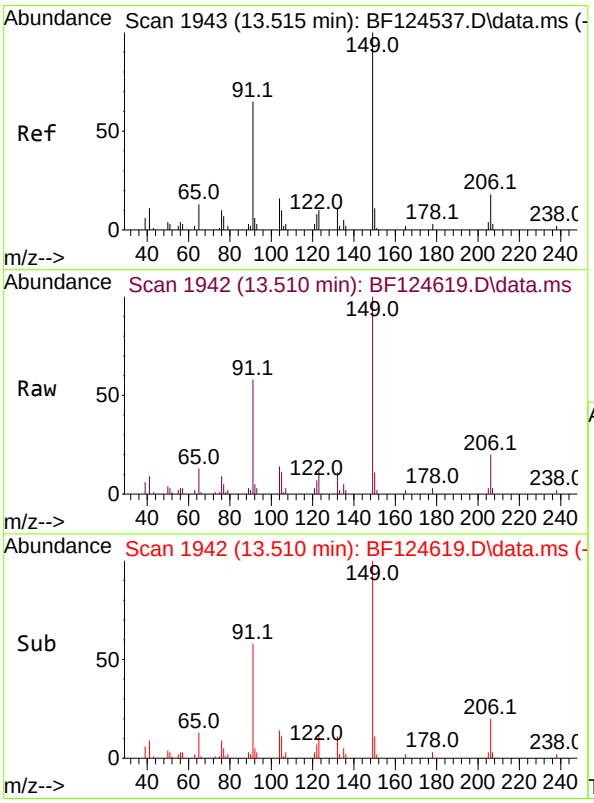


#79
Terphenyl-d14
Concen: 77.51 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:244 Resp: 68783

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.2	9.0	13.4

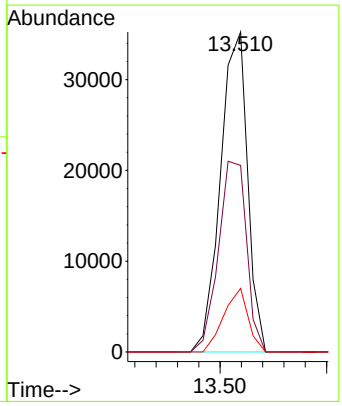




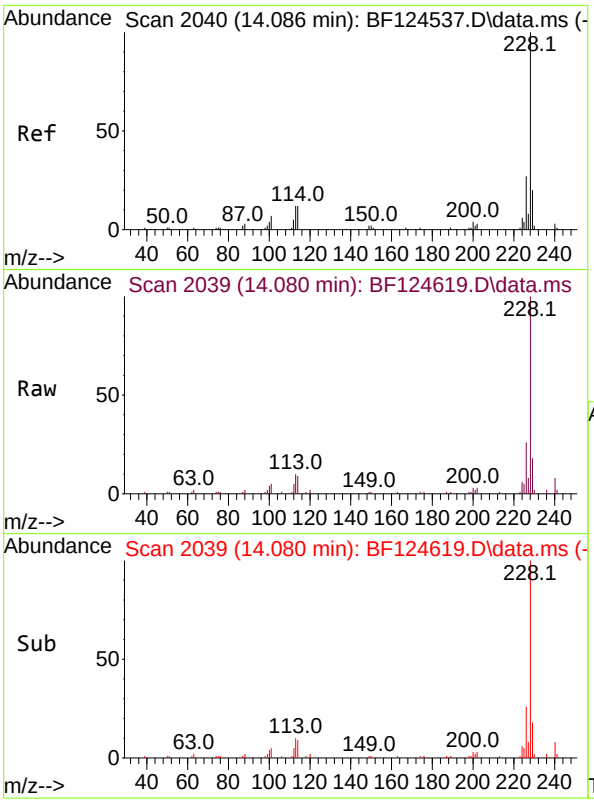
#80
Butylbenzylphthalate
Concen: 52.09 ng
RT: 13.510 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:149 Resp: 31179

Ion	Ratio	Lower	Upper
149	100		
91	58.3	51.8	77.8
206	19.9	14.5	21.7



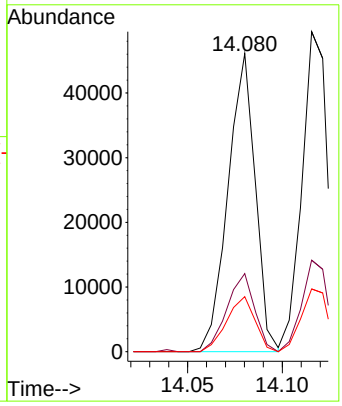
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

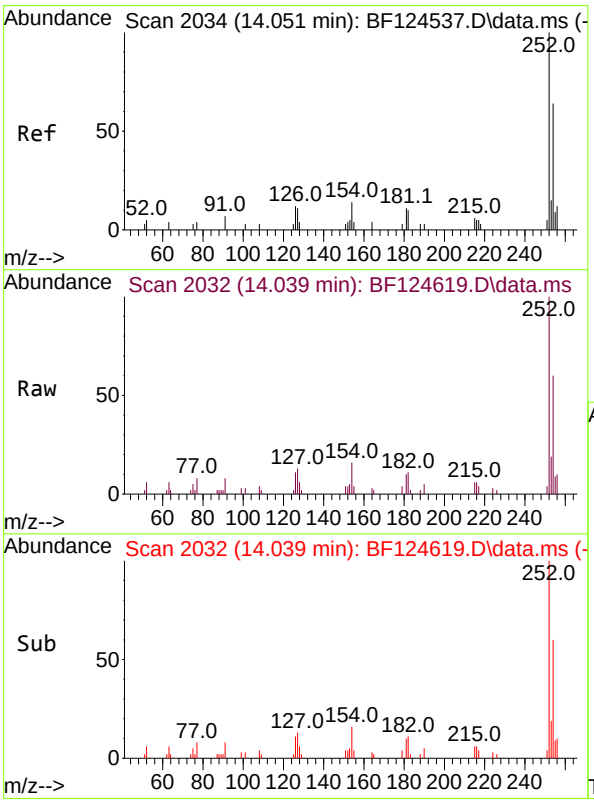


#81
Benzo(a)anthracene
Concen: 46.73 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:228 Resp: 46177

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.6	32.4
229	18.5	15.6	23.4

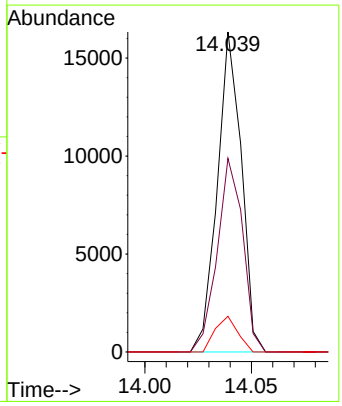


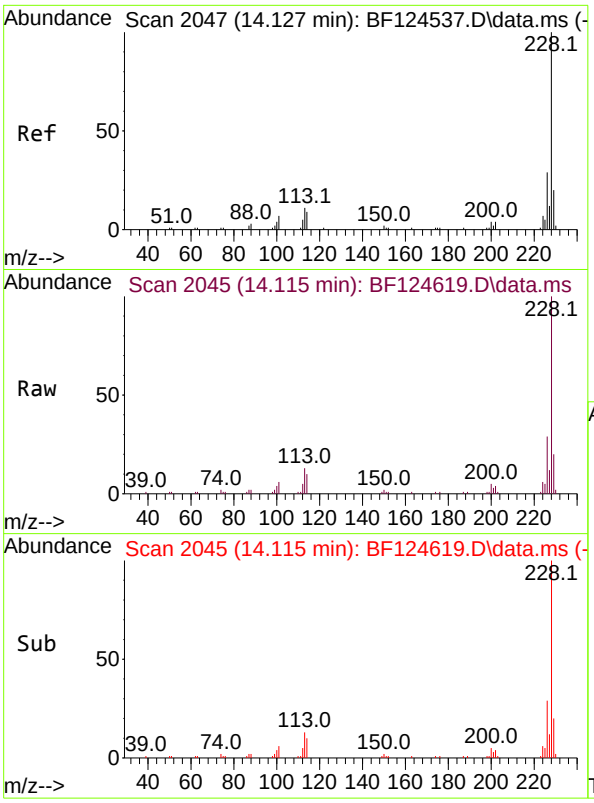


#82
3,3'-Dichlorobenzidine
Concen: 49.53 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:252 Resp: 12821

Ion	Ratio	Lower	Upper
252	100		
254	60.5	51.4	77.0
126	11.1	9.5	14.3

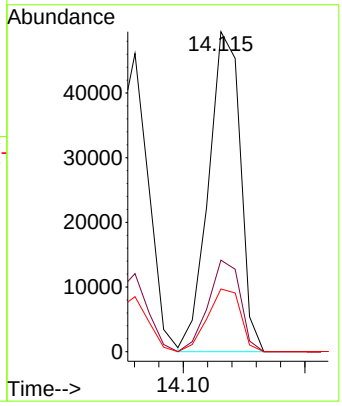




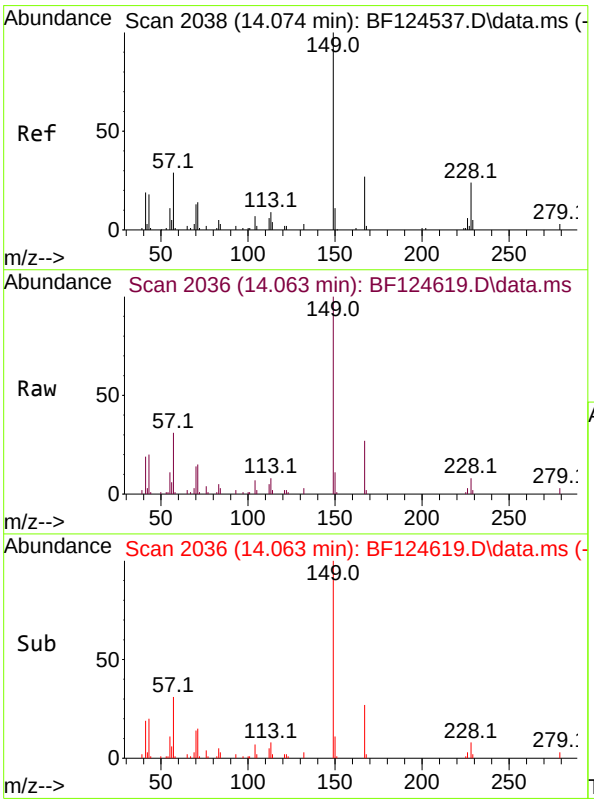
#83
Chrysene
Concen: 47.48 ng
RT: 14.115 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:228 Resp: 44945

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	19.6	15.9	23.9



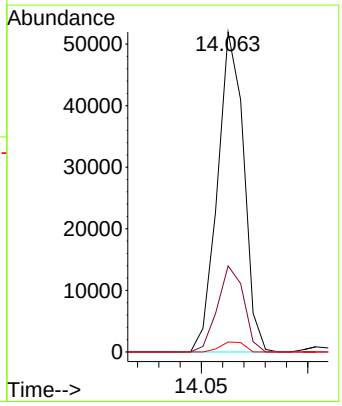
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD



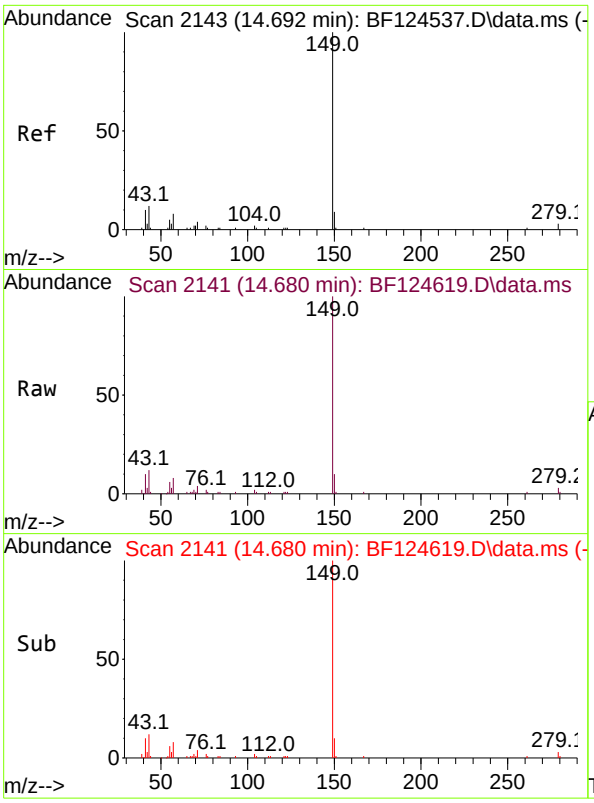
#84
Bis(2-ethylhexyl)phthalate
Concen: 55.42 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:149 Resp: 44542

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.0
279	3.1	2.6	4.0



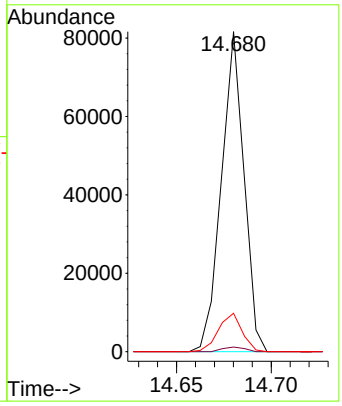
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

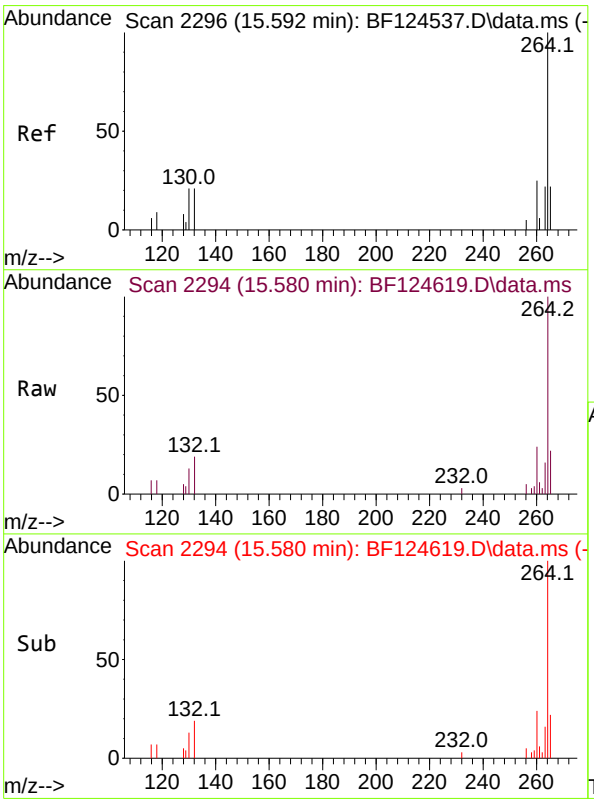


#85
Di-n-octyl phthalate
Concen: 58.25 ng
RT: 14.680 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:149 Resp: 67735

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.0	1.6
43	12.6	9.9	14.9

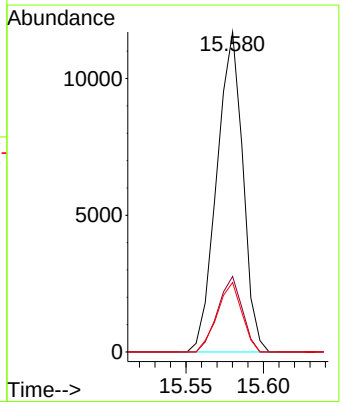


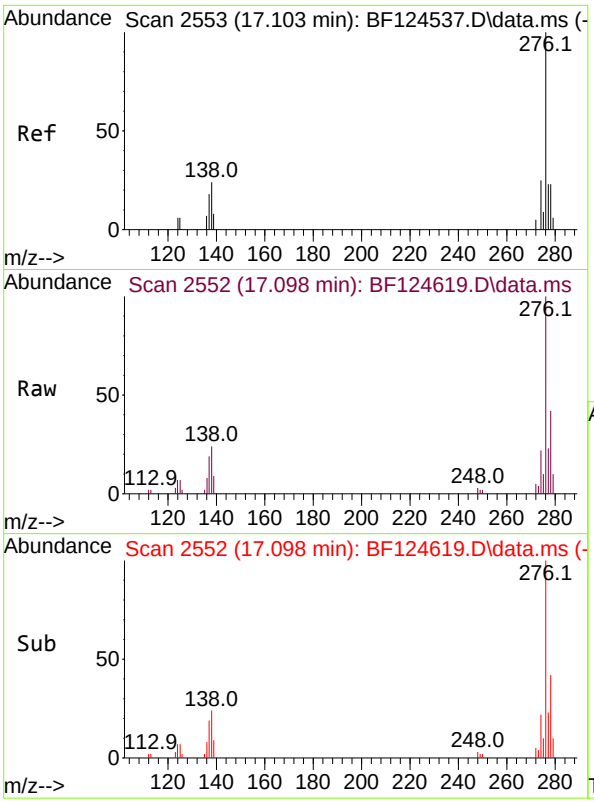


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.012 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:264 Resp: 13697

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.7	17.2	25.8

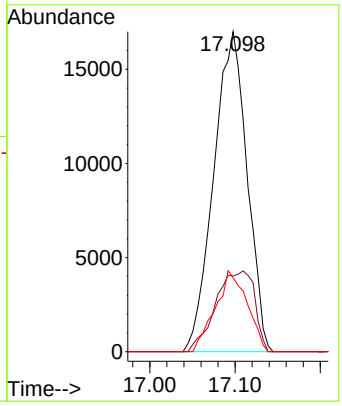




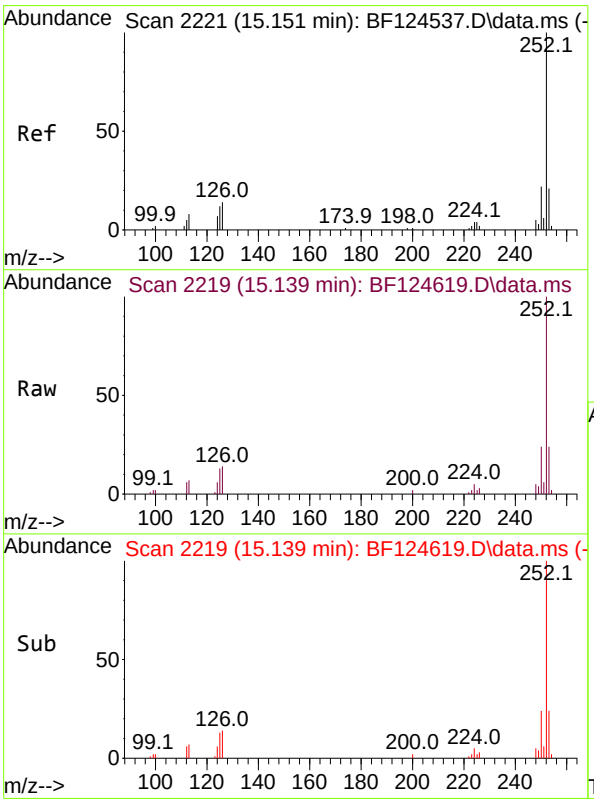
#87
Indeno(1,2,3-cd)pyrene
Concen: 58.27 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.018 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:276 Resp: 46287

Ion	Ratio	Lower	Upper
276	100		
138	29.3	24.1	36.1
277	24.1	18.8	28.2



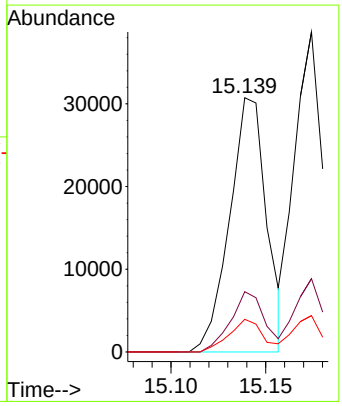
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD



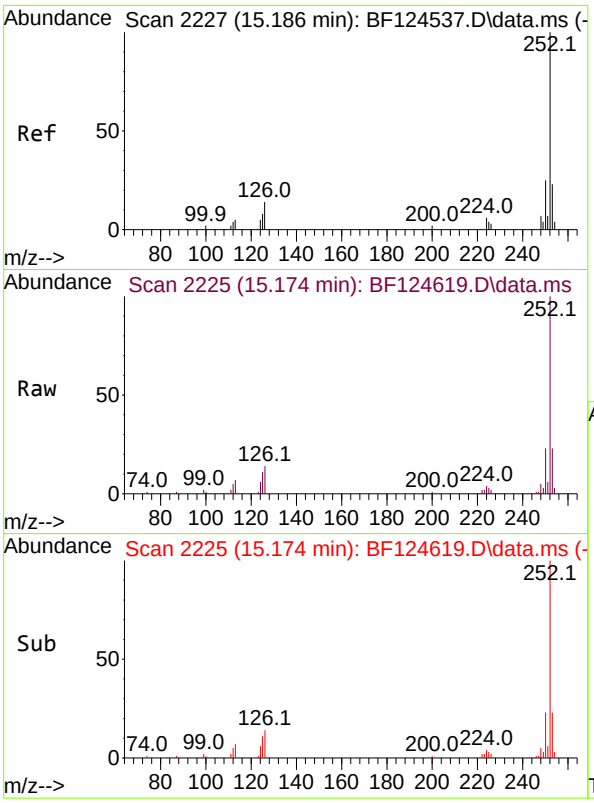
#88
Benzo(b)fluoranthene
Concen: 42.46 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:252 Resp: 41741

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.8	25.2
125	12.9	9.8	14.8



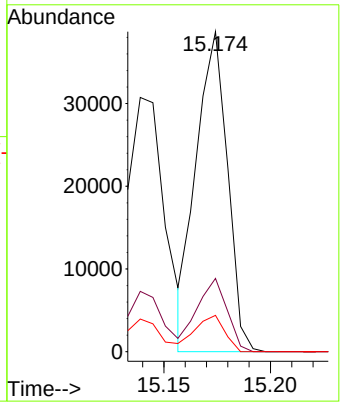
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

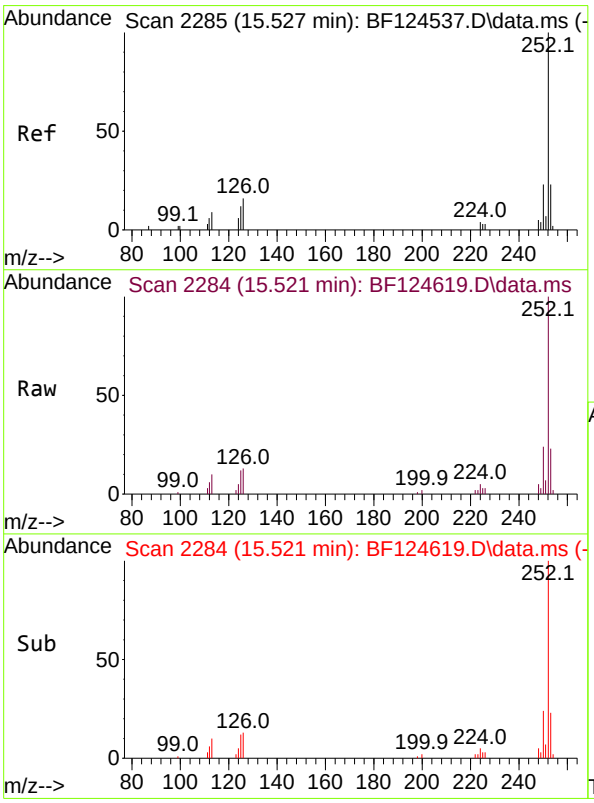


#89
Benzo(k)fluoranthene
Concen: 43.85 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:252 Resp: 39552

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.3	7.2	10.8#

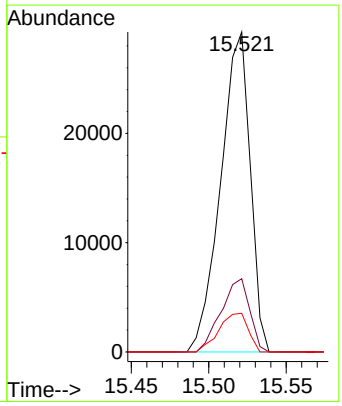




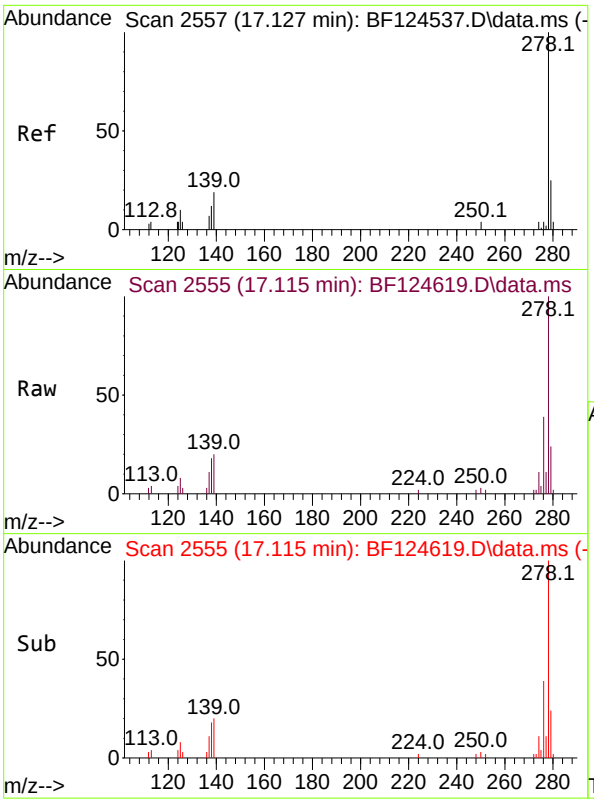
#90
Benzo(a)pyrene
Concen: 47.67 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:252 Resp: 38686

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	12.1	9.9	14.9



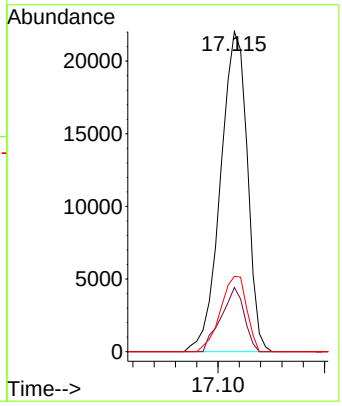
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

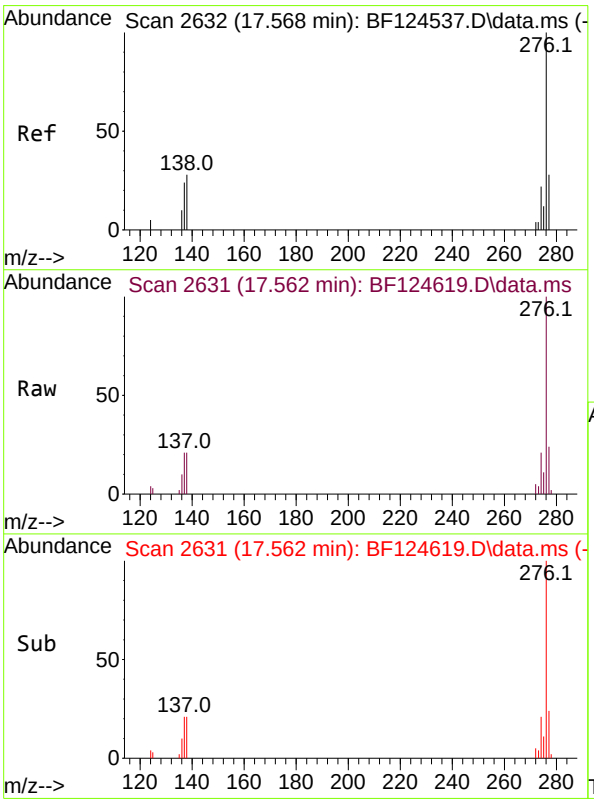


#91
Dibenzo(a,h)anthracene
Concen: 56.89 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.012 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

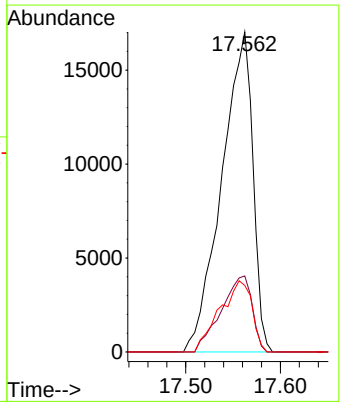
Tgt Ion:278 Resp: 38468

Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.9	22.3
279	23.6	19.7	29.5





#92
Benzo(g,h,i)perylene
Concen: 58.88 ng
RT: 17.562 min Scan# 2631
Delta R.T. 0.018 min
Lab File: BF124619.D
Acq: 19 Jul 2021 18:09

Tgt Ion:276 Resp: 38872

Ion	Ratio	Lower	Upper
276	100		
277	23.8	22.0	33.0
138	20.8	22.2	33.4#