Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124722.D
Acq On : 23 Jul 2021 20:12
Operator : JU/CG
Sample : M3114-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20210594-AMENDED-COM-8-SPLP

Quant Time: Jul 23 23:29:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	7662	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	30322	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	16212	20.00	ng		0.00
64) Phenanthrene-d10	11.398	188	26948	20.00	ng		0.00
76) Chrysene-d12	14.033	240	14412	20.00	ng		0.00
86) Perylene-d12	15.503	264	14018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	32248	71.26	ng		0.00
7) Phenol-d6	6.492	99	23836	42.02	ng		0.00
23) Nitrobenzene-d5	7.439	82	50569	99.26	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	18854	135.45	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	104668	94.83	ng		0.00
79) Terphenyl-d14	12.980	244	90594	107.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	3690	23.33	ng	#	100
3) Pyridine	3.457	79	6509	17.38	ng	#	88
4) n-Nitrosodimethylamine	3.398	42	7422	25.06	ng		95
6) Aniline	6.533	93	20823	35.71	ng		93
8) 2-Chlorophenol	6.651	128	21220	41.58	ng		93
9) Benzaldehyde	6.422	77	15441	50.55	ng		94
10) Phenol	6.504	94	9086	16.72	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	22592	52.45	ng		94
12) 1,3-Dichlorobenzene	6.810	146	25557	46.07	ng		96
13) 1,4-Dichlorobenzene	6.886	146	26809	48.31	ng		98
14) 1,2-Dichlorobenzene	7.039	146	24629	45.93	ng		95
15) Benzyl Alcohol	7.010	79	13292	35.63	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	37947	52.34	ng		98
17) 2-Methylphenol	7.122	107	13478	36.25	ng		99
18) Hexachloroethane	7.386	117	10163	48.31	ng	#	85
19) n-Nitroso-di-n-propyla...	7.292	70	16773	55.37	ng		93
20) 3+4-Methylphenols	7.275	107	15625	31.80	ng	#	82
22) Acetophenone	7.281	105	37038	52.71	ng	#	95
24) Nitrobenzene	7.457	77	23837	47.72	ng		98
25) Isophorone	7.698	82	43326	48.10	ng		96
26) 2-Nitrophenol	7.769	139	13360	48.29	ng	#	91
27) 2,4-Dimethylphenol	7.804	122	22128	51.98	ng		90
28) bis(2-Chloroethoxy)met...	7.904	93	28876	55.16	ng		98
29) 2,4-Dichlorophenol	8.010	162	20372	45.19	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	23235	47.02	ng		95
31) Naphthalene	8.180	128	73796	46.64	ng		97
32) Benzoic acid	7.898	122	6068	18.42	ng		91
33) 4-Chloroaniline	8.222	127	17772	29.87	ng	#	92
34) Hexachlorobutadiene	8.292	225	13314	45.08	ng		97
35) Caprolactam	8.616	113	298	2.54	ng	#	77
36) 4-Chloro-3-methylphenol	8.698	107	18599	43.25	ng		93
37) 2-Methylnaphthalene	8.869	142	50862	48.11	ng		100
38) 1-Methylnaphthalene	8.969	142	47310	47.23	ng		94
40) 1,2,4,5-Tetrachloroben...	9.033	216	22609	49.98	ng		96
41) Hexachlorocyclopentadiene	9.022	237	25210	94.20	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	15700	48.89	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124722.D
Acq On : 23 Jul 2021 20:12
Operator : JU/CG
Sample : M3114-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20210594-AMENDED-COM-8-SPLP

Quant Time: Jul 23 23:29:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	16145	48.97	ng		97
46) 1,1'-Biphenyl	9.333	154	59077	48.82	ng		98
47) 2-Chloronaphthalene	9.357	162	47122	49.19	ng		99
48) 2-Nitroaniline	9.457	65	13046	52.01	ng		90
49) Acenaphthylene	9.774	152	72963	49.39	ng		99
50) Dimethylphthalate	9.639	163	56803	50.88	ng		97
51) 2,6-Dinitrotoluene	9.698	165	11825	47.95	ng		97
52) Acenaphthene	9.951	154	46288	47.26	ng		100
53) 3-Nitroaniline	9.869	138	8261	31.84	ng		92
54) 2,4-Dinitrophenol	9.974	184	14418	101.10	ng	#	84
55) Dibenzofuran	10.121	168	68475	48.93	ng		96
56) 4-Nitrophenol	10.016	139	8280	40.41	ng		94
57) 2,4-Dinitrotoluene	10.104	165	16141	48.23	ng	#	84
58) Fluorene	10.463	166	52268	48.69	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	12792	49.13	ng	#	94
60) Diethylphthalate	10.339	149	57736	49.74	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	24539	47.28	ng		96
62) 4-Nitroaniline	10.486	138	11314	44.07	ng		90
63) Azobenzene	10.616	77	49345	48.05	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	8404	48.16	ng		86
66) n-Nitrosodiphenylamine	10.574	169	44544	51.01	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	14755	51.63	ng		90
68) Hexachlorobenzene	11.010	284	15353	51.73	ng	#	89
69) Atrazine	11.104	200	12309	46.36	ng		94
70) Pentachlorophenol	11.204	266	18974	102.80	ng		92
71) Phenanthrene	11.427	178	70716	48.79	ng		97
72) Anthracene	11.480	178	70929	48.95	ng		98
73) Carbazole	11.627	167	61164	45.03	ng		98
74) Di-n-butylphthalate	11.963	149	86753	47.95	ng		99
75) Fluoranthene	12.621	202	64408	43.55	ng		98
77) Benzidine	12.727	184	17250	42.45	ng		98
78) Pyrene	12.839	202	62288	54.59	ng		98
80) Butylbenzylphthalate	13.457	149	28776	52.66	ng		98
81) Benzo(a)anthracene	14.027	228	46990	49.88	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	12060	46.13	ng		93
83) Chrysene	14.062	228	45059	49.65	ng		100
84) Bis(2-ethylhexyl)phtha...	14.009	149	42636	52.97	ng		99
85) Di-n-octyl phthalate	14.627	149	66767	51.12	ng		99
87) Indeno(1,2,3-cd)pyrene	16.980	276	46780	57.80	ng		95
88) Benzo(b)fluoranthene	15.074	252	47298	47.92	ng		98
89) Benzo(k)fluoranthene	15.109	252	39843	44.18	ng		95
90) Benzo(a)pyrene	15.445	252	41539	50.38	ng		98
91) Dibenzo(a,h)anthracene	17.003	278	40487	57.15	ng		99
92) Benzo(g,h,i)perylene	17.439	276	39884	59.37	ng		94

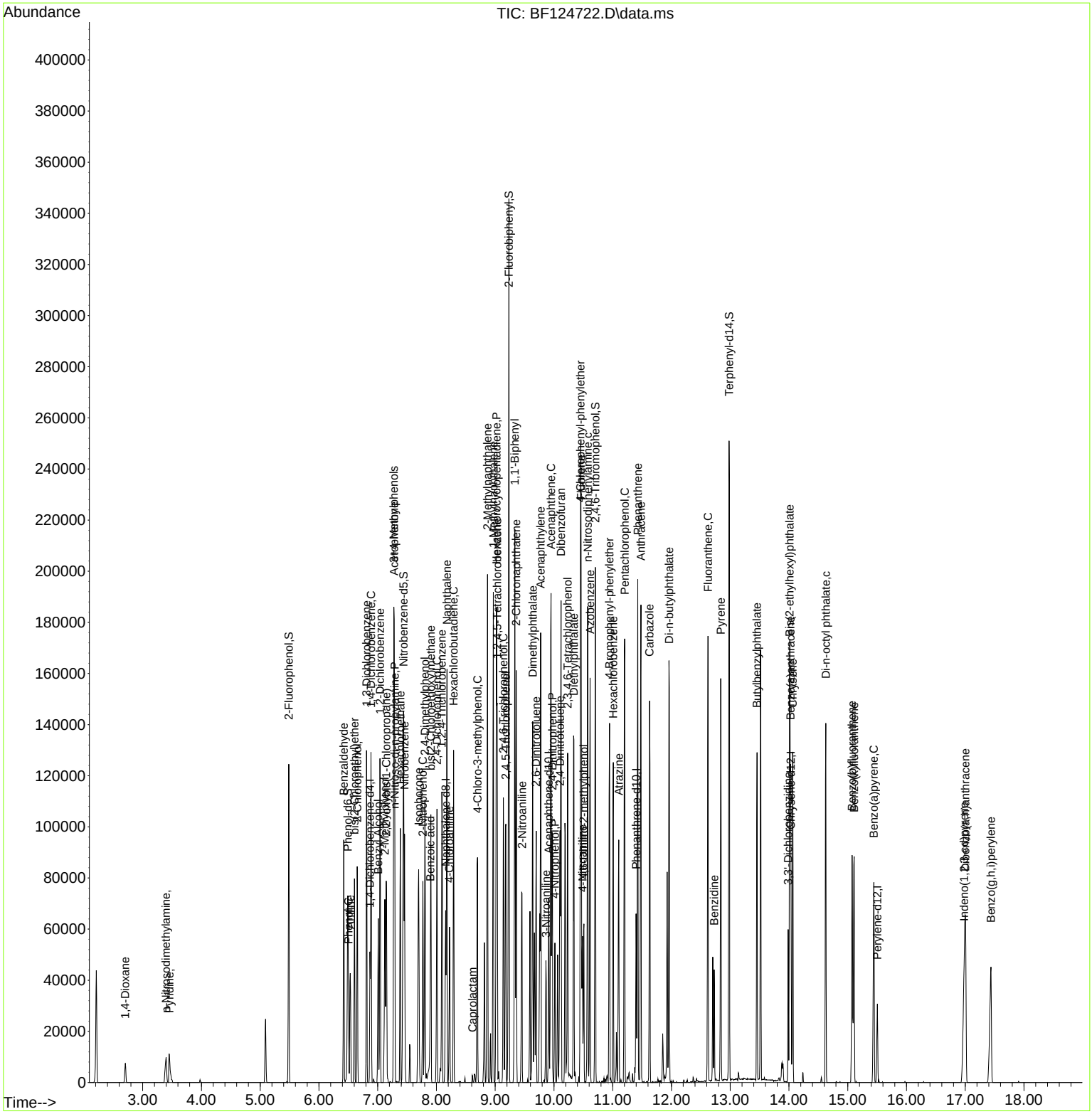
(#) = qualifier out of range (m) = manual integration (+) = signals summed

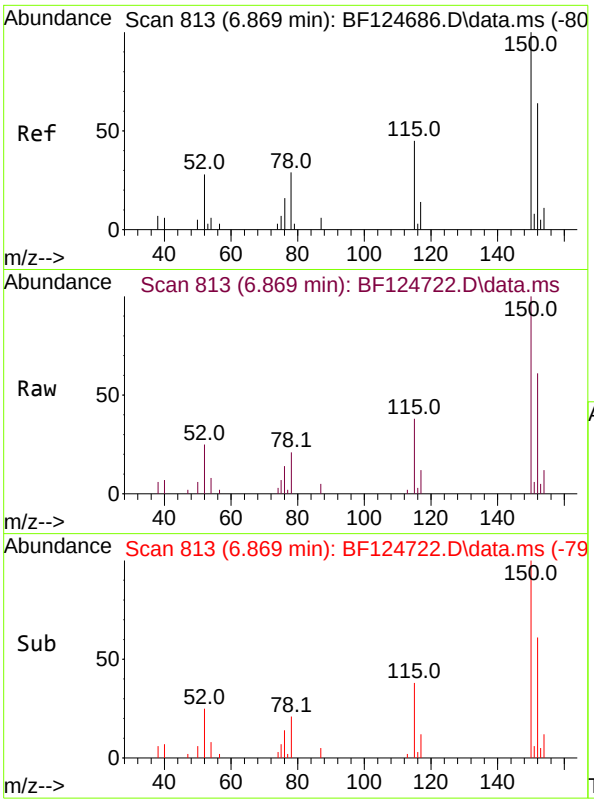
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124722.D
Acq On : 23 Jul 2021 20:12
Operator : JU/CG
Sample : M3114-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

Quant Time: Jul 23 23:29:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

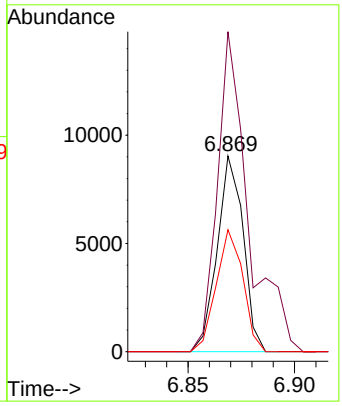




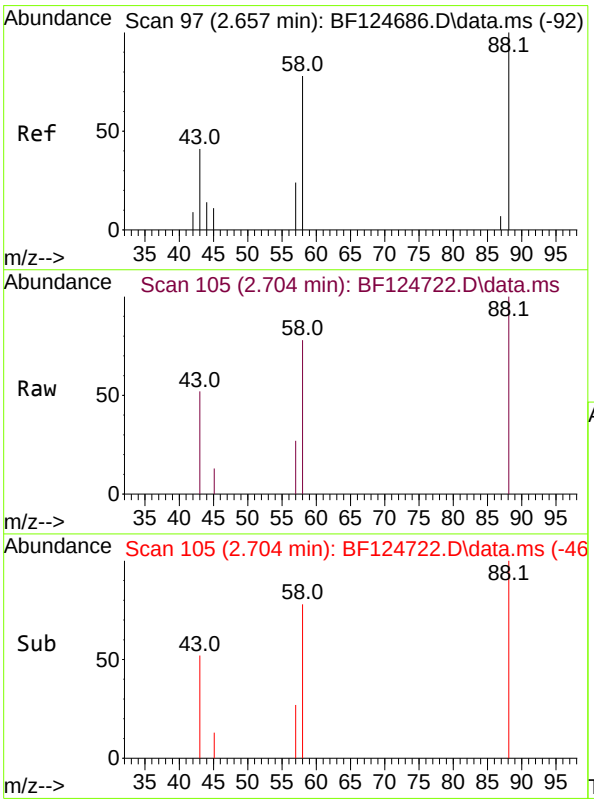
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:152 Resp: 7662

Ion	Ratio	Lower	Upper
152	100		
150	163.5	117.6	176.4
115	62.3	47.1	70.7



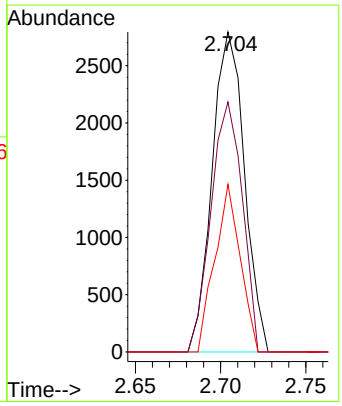
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



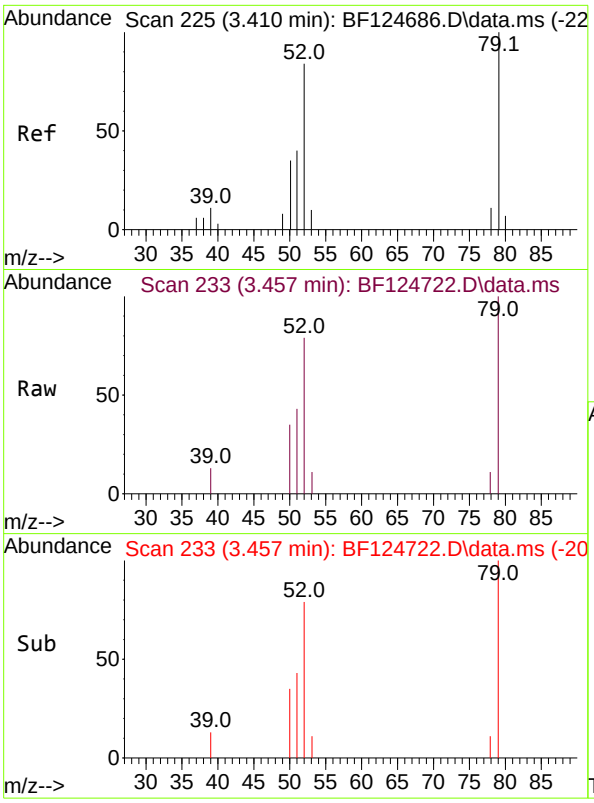
#2
1,4-Dioxane
Concen: 23.33 ng
RT: 2.704 min Scan# 105
Delta R.T. 0.047 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 88 Resp: 3690

Ion	Ratio	Lower	Upper
88	100		
58	75.7	0.0	0.0#
43	41.2	0.0	0.0#



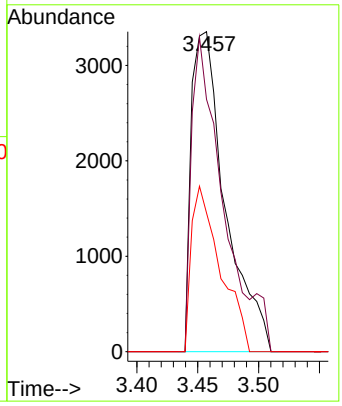
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

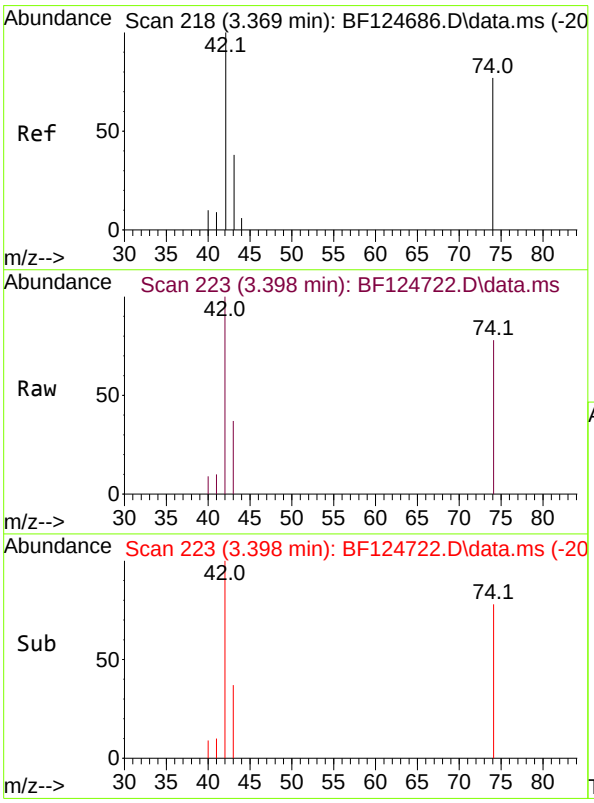


#3
Pyridine
Concen: 17.38 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.047 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 79 Resp: 6509

Ion	Ratio	Lower	Upper
79	100		
52	78.9	70.3	105.5
51	43.4	44.1	66.1#

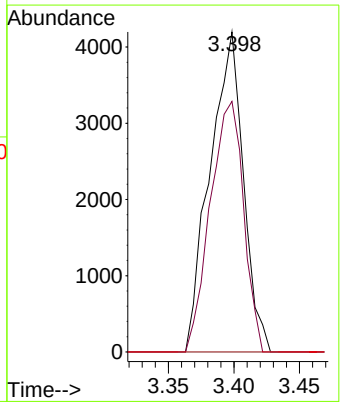




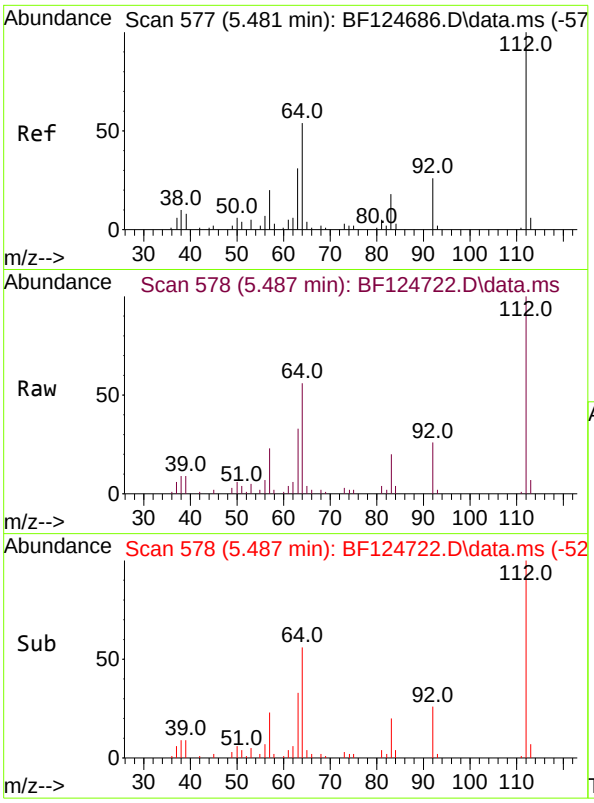
#4
n-Nitrosodimethylamine
Concen: 25.06 ng
RT: 3.398 min Scan# 223
Delta R.T. 0.029 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 42 Resp: 7422

Ion	Ratio	Lower	Upper
42	100		
74	78.3	59.0	88.6
44	0.0	0.0	0.0



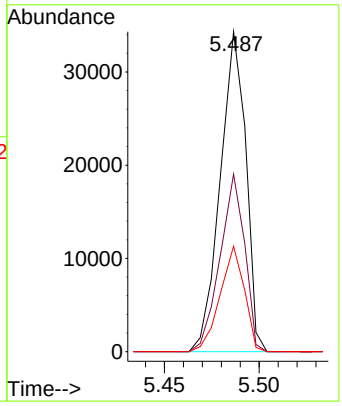
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

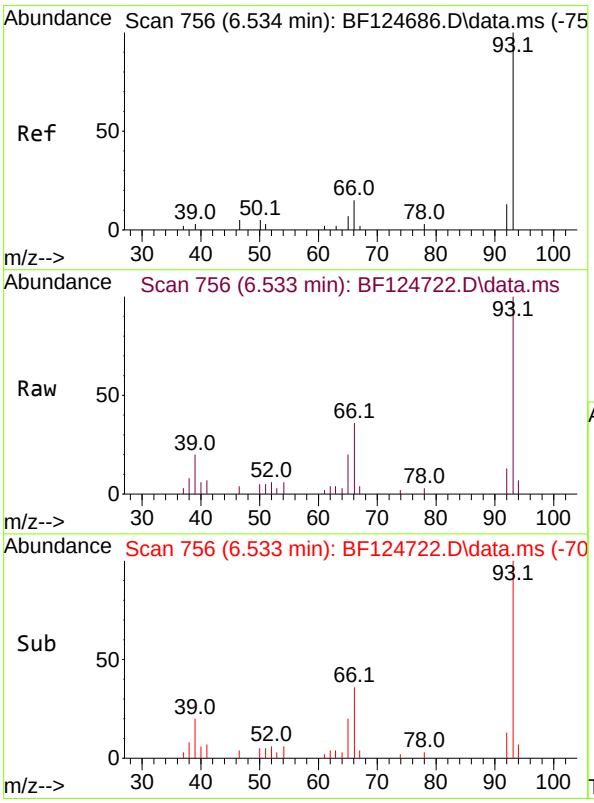


#5
2-Fluorophenol
Concen: 71.26 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:112 Resp: 32248

Ion	Ratio	Lower	Upper
112	100		
64	55.5	44.2	66.2
63	32.9	26.2	39.2

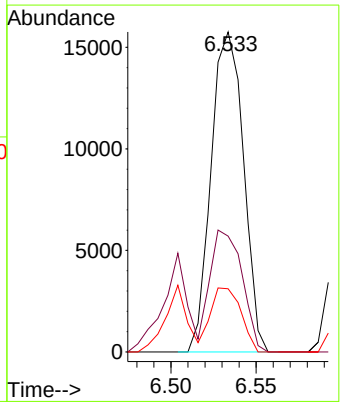




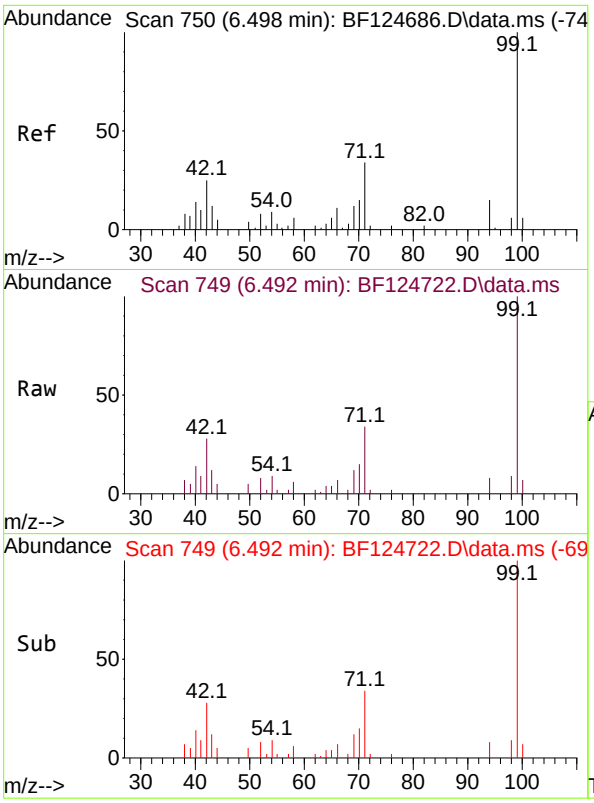
#6
Aniline
Concen: 35.71 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 93 Resp: 20823

Ion	Ratio	Lower	Upper
93	100		
66	36.2	32.7	49.1
65	19.7	14.2	21.4



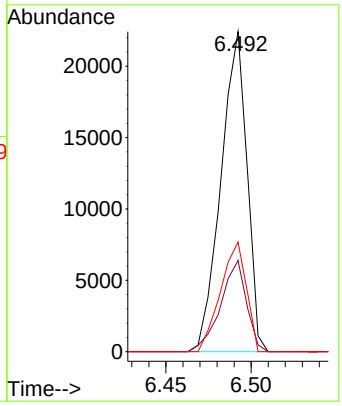
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

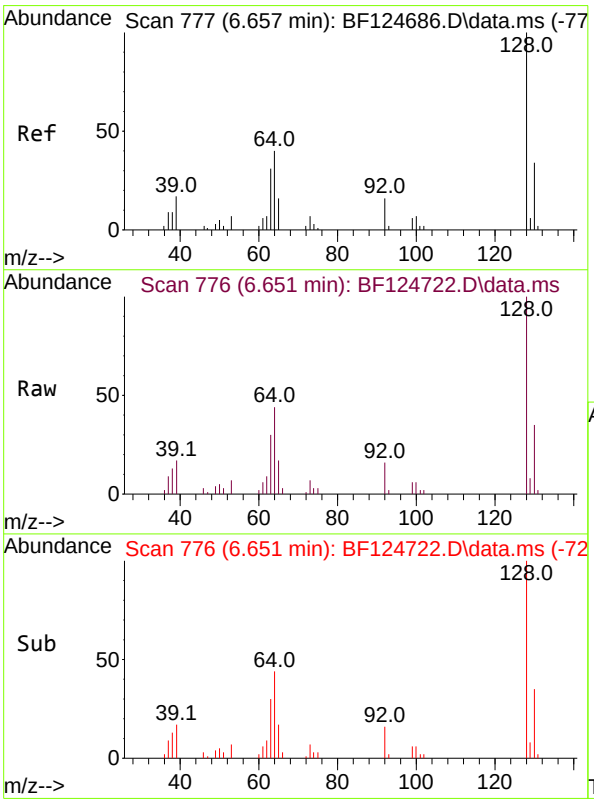


#7
Phenol-d6
Concen: 42.02 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 99 Resp: 23836

Ion	Ratio	Lower	Upper
99	100		
42	28.5	23.5	35.3
71	34.3	25.6	38.4

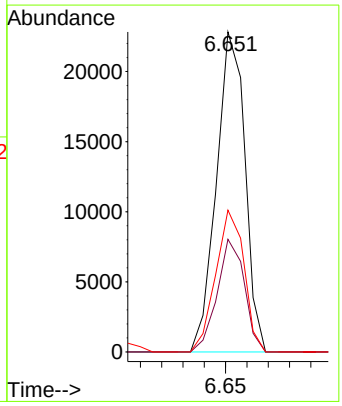


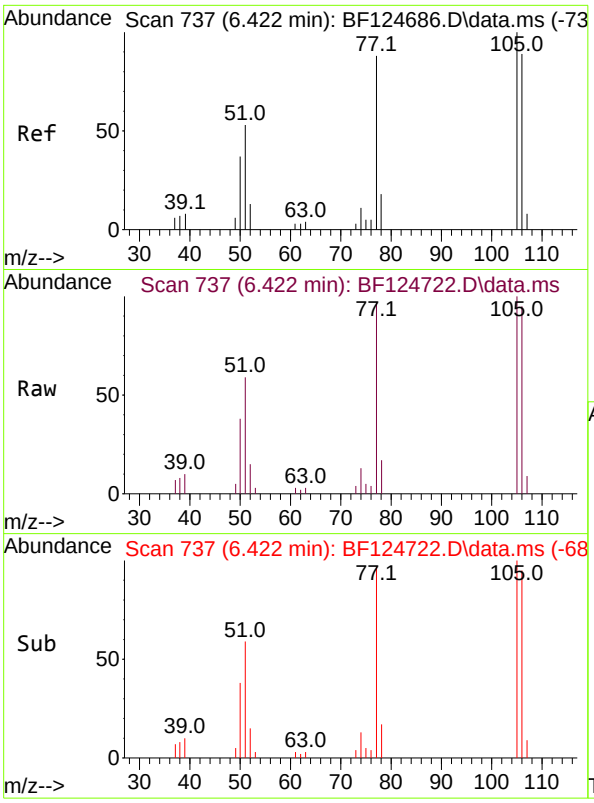


#8
2-Chlorophenol
Concen: 41.58 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:128 Resp: 21220

Ion	Ratio	Lower	Upper
128	100		
130	35.2	10.5	50.5
64	44.3	20.3	60.3

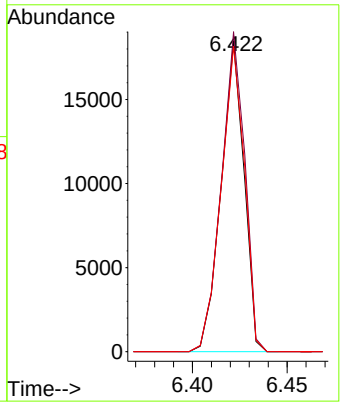




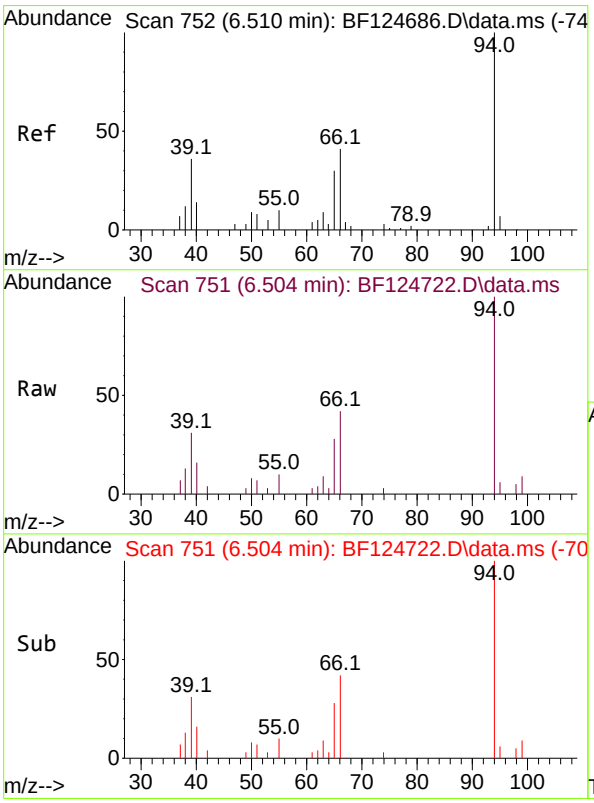
#9
Benzaldehyde
Concen: 50.55 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 77 Resp: 15441

Ion	Ratio	Lower	Upper
77	100		
105	102.9	75.9	115.9
106	98.3	84.0	124.0



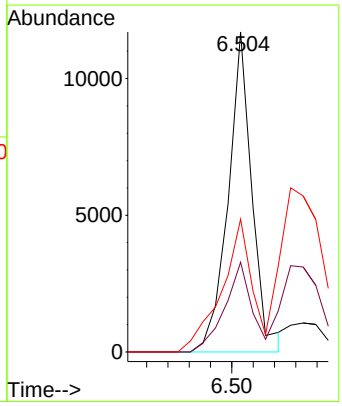
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



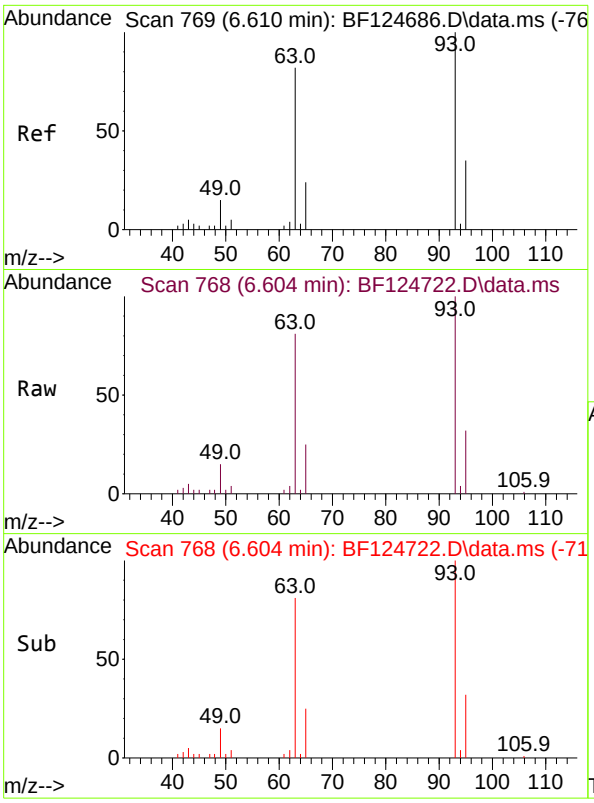
#10
Phenol
Concen: 16.72 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 94 Resp: 9086

Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.3	49.3
66	41.5	20.3	60.3



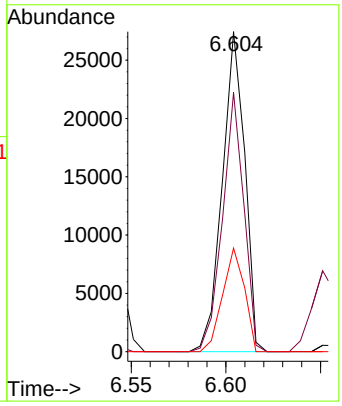
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

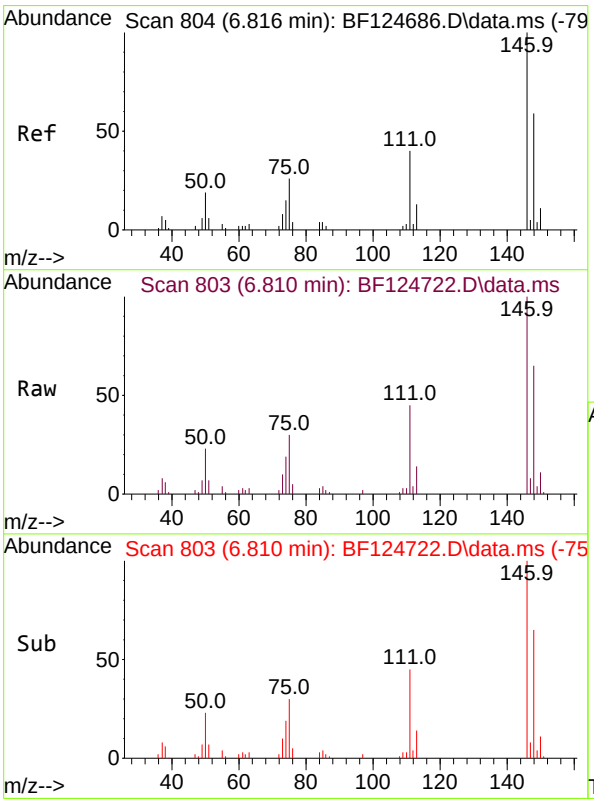


#11
bis(2-Chloroethyl)ether
Concen: 52.45 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 93 Resp: 22592

Ion	Ratio	Lower	Upper
93	100		
63	81.0	54.4	94.4
95	32.3	11.4	51.4

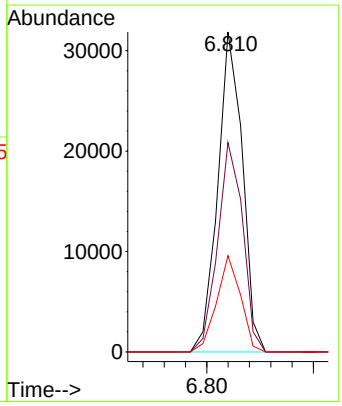


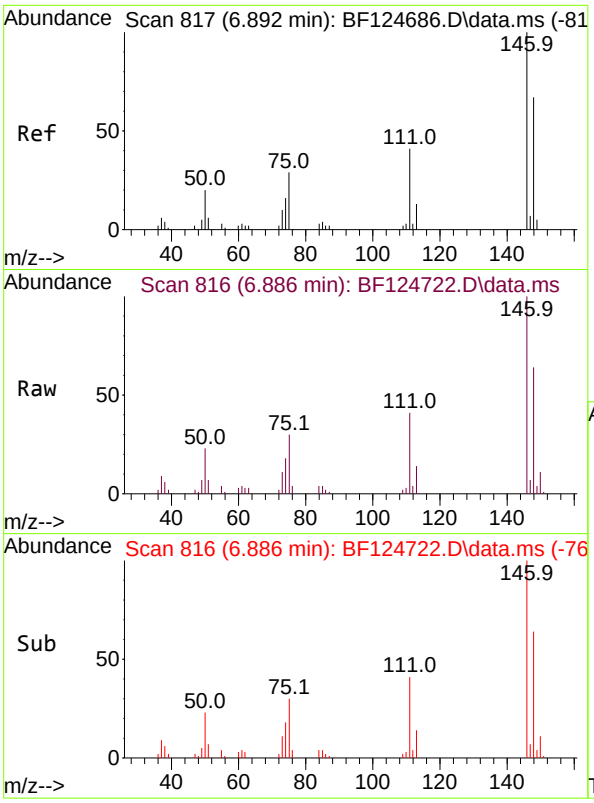


#12
1,3-Dichlorobenzene
Concen: 46.07 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:146 Resp: 25557

Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.7	74.5
75	30.1	25.2	37.8

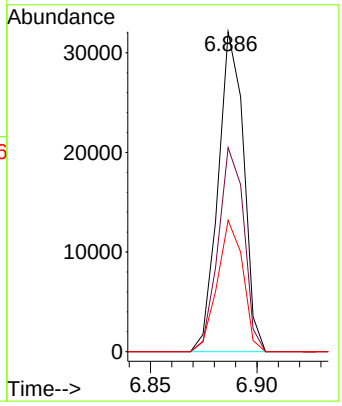




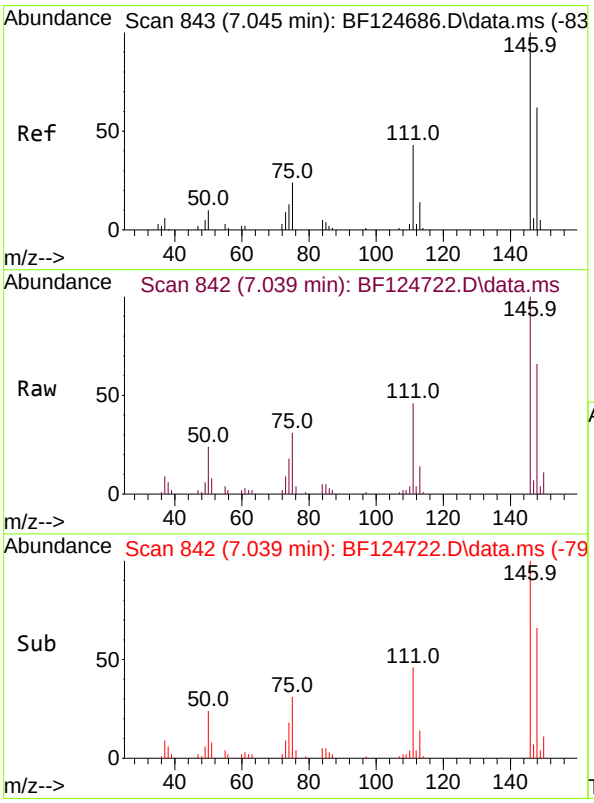
#13
1,4-Dichlorobenzene
Concen: 48.31 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:146 Resp: 26809

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	41.0	31.8	47.6



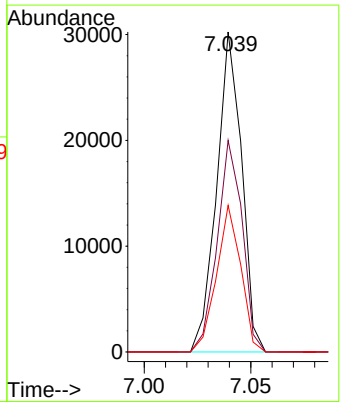
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

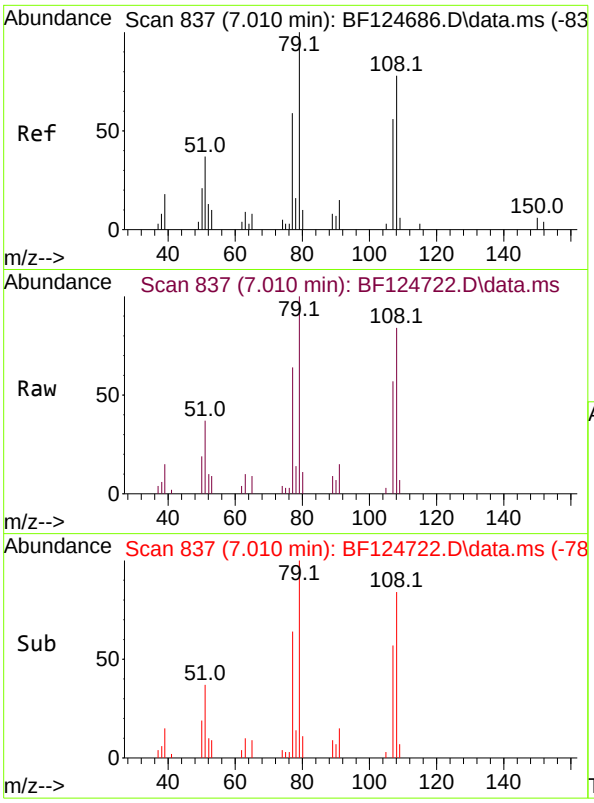


#14
1,2-Dichlorobenzene
Concen: 45.93 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:146 Resp: 24629

Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.6	75.8
111	45.8	33.5	50.3

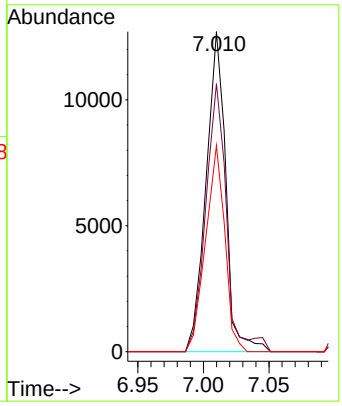




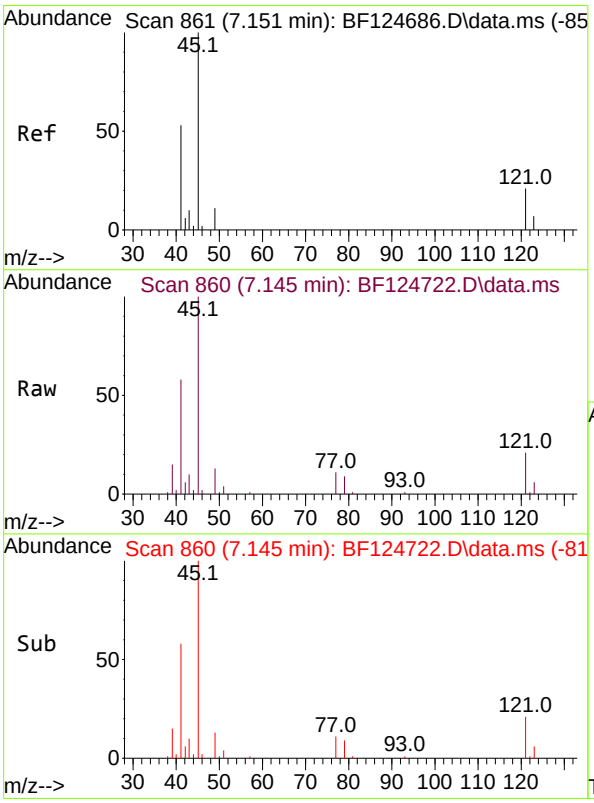
#15
Benzyl Alcohol
Concen: 35.63 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 79 Resp: 13292

Ion	Ratio	Lower	Upper
79	100		
108	83.8	60.4	90.6
77	64.4	51.5	77.3



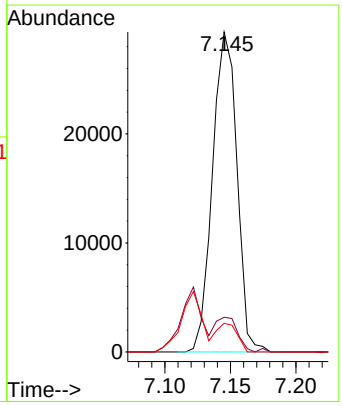
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



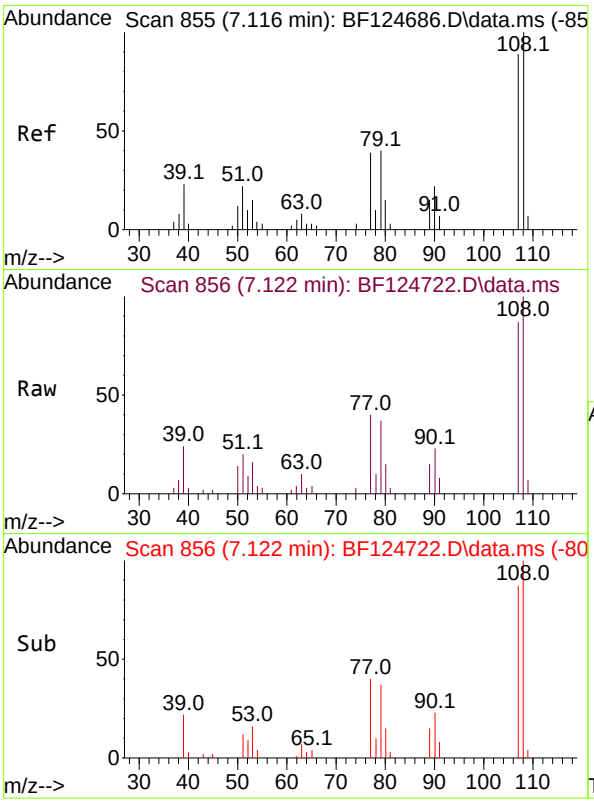
#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.34 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 45 Resp: 37947

Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.6
79	9.0	0.0	27.5



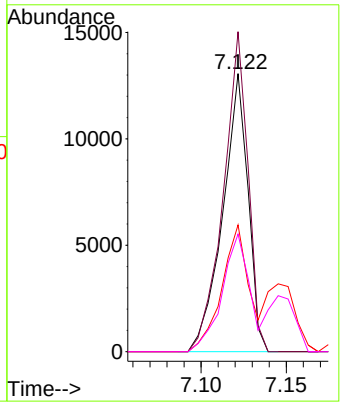
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

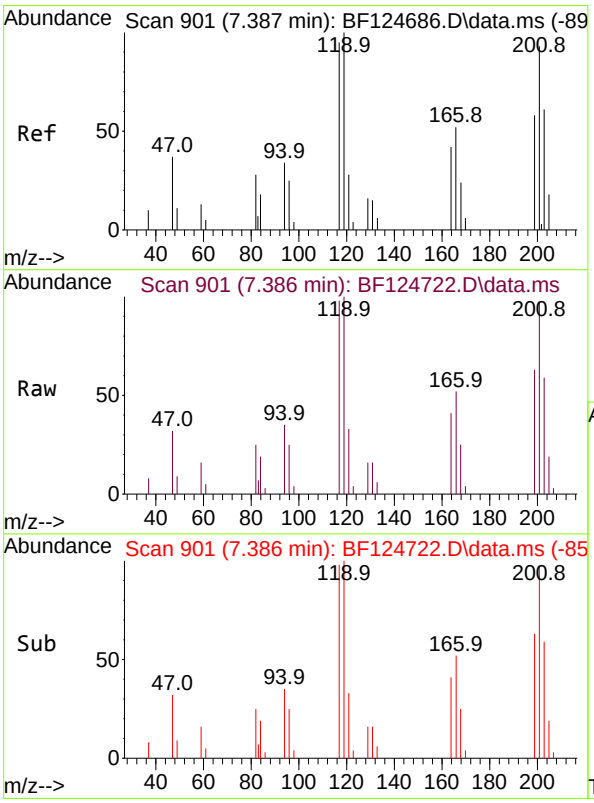


#17
2-Methylphenol
Concen: 36.25 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:107 Resp: 13478

Ion	Ratio	Lower	Upper
107	100		
108	115.0	90.6	135.8
77	45.6	35.7	53.5
79	42.3	34.0	51.0

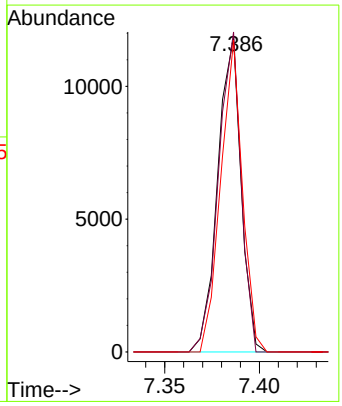




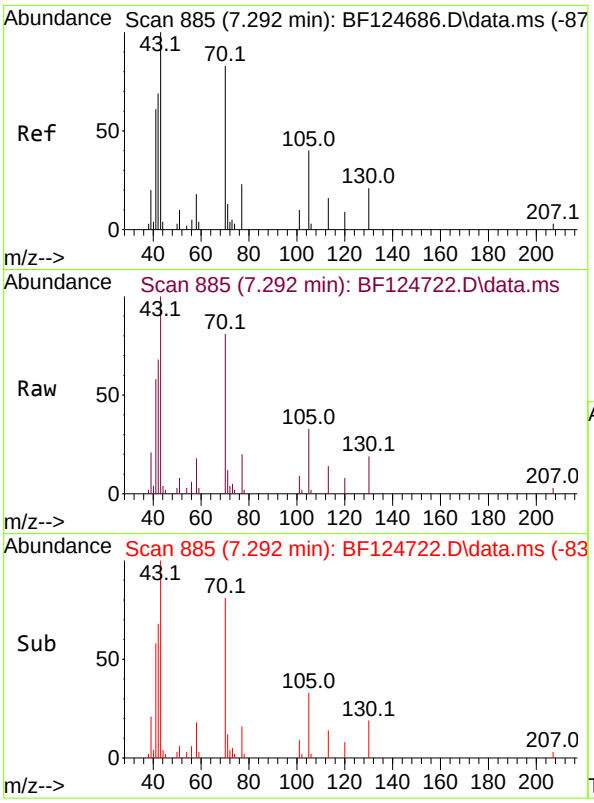
#18
Hexachloroethane
Concen: 48.31 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:117 Resp: 10163

Ion	Ratio	Lower	Upper
117	100		
119	101.7	73.4	110.2
201	99.1	64.9	97.3#



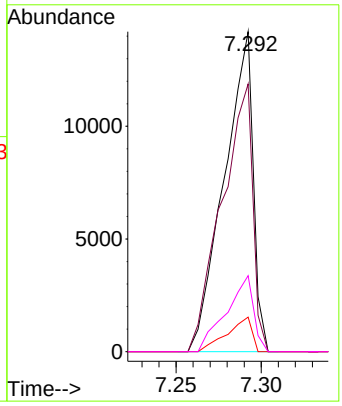
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

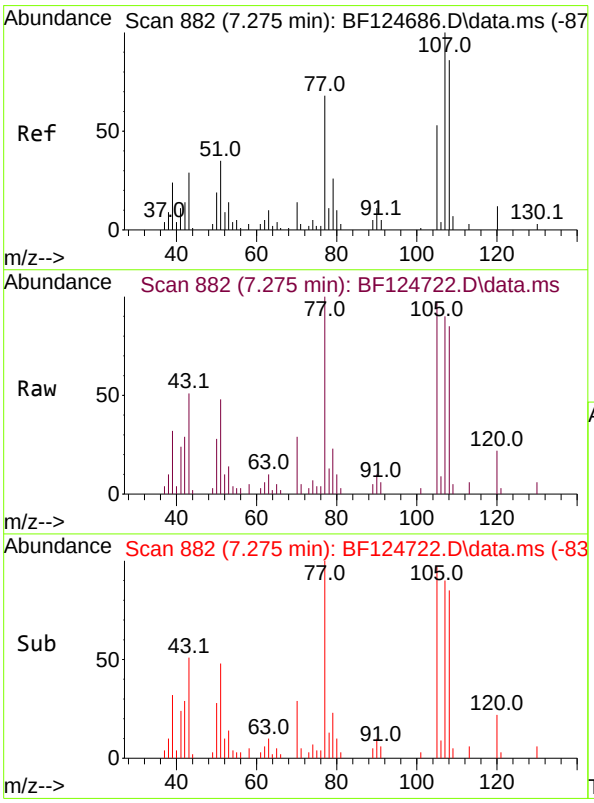


#19
n-Nitroso-di-n-propylamine
Concen: 55.37 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 70 Resp: 16773

Ion	Ratio	Lower	Upper
70	100		
42	83.7	72.2	108.2
101	10.8	7.8	11.8
130	23.7	21.8	32.6

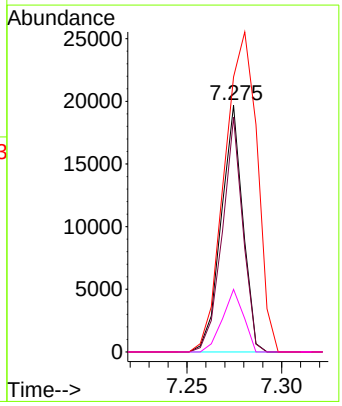




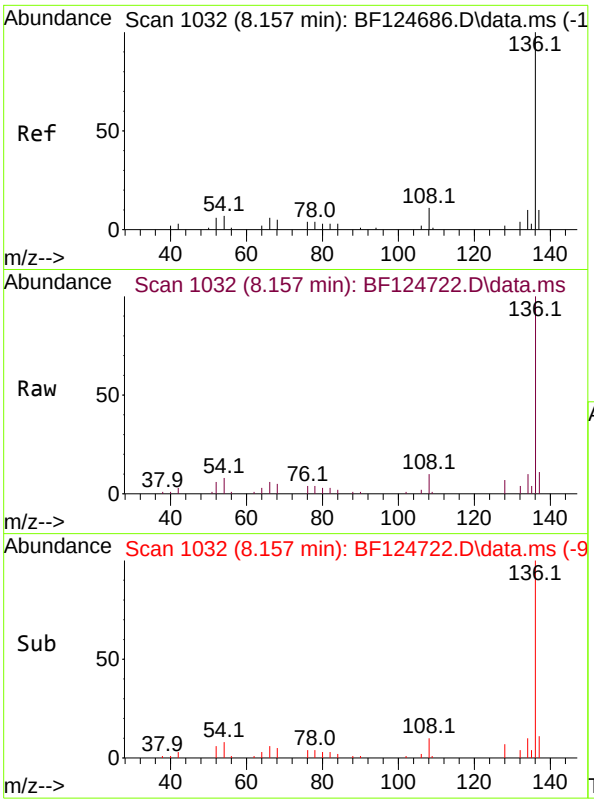
#20
3+4-Methylphenols
Concen: 31.80 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:107 Resp: 15625

Ion	Ratio	Lower	Upper
107	100		
108	95.2	76.6	116.6
77	111.5	53.3	93.3#
79	25.4	8.7	48.7



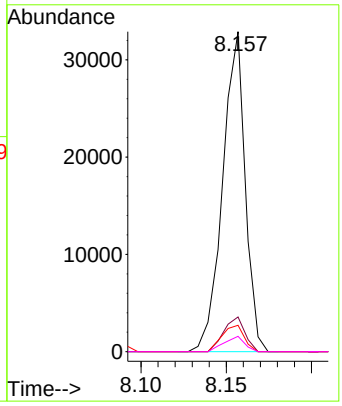
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

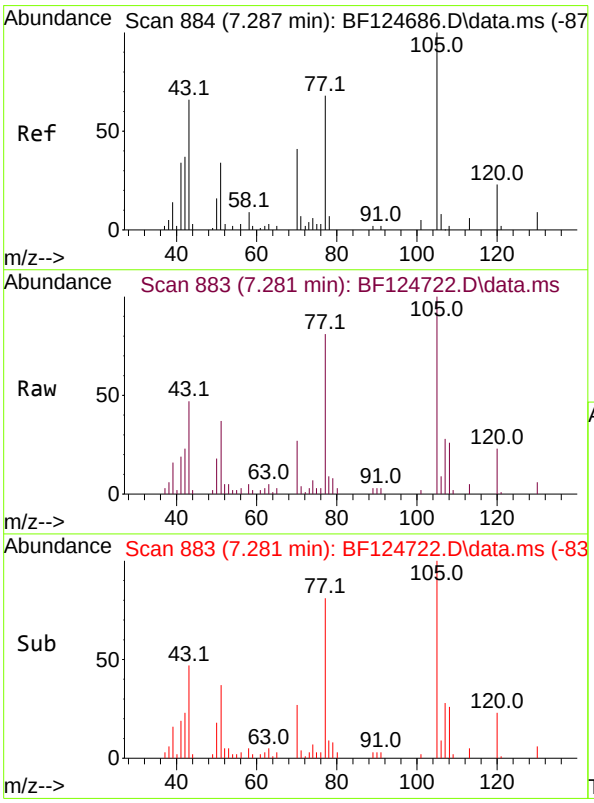


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:136 Resp: 30322

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	8.3	6.4	9.6
68	4.8	3.3	4.9

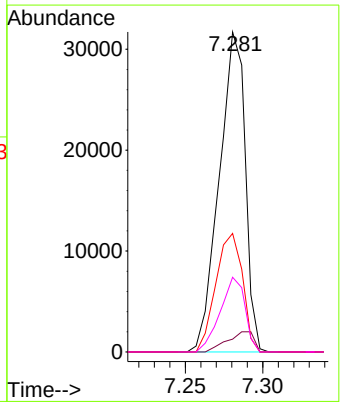


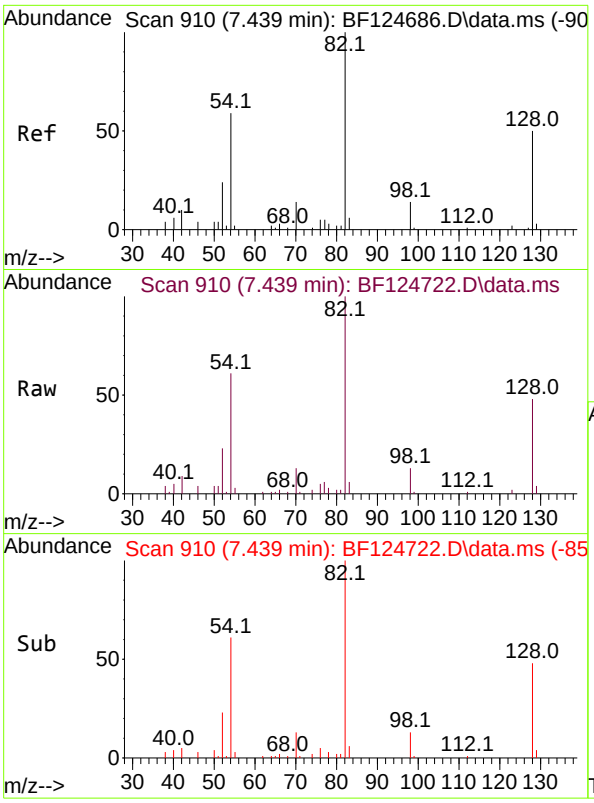


#22
Acetophenone
Concen: 52.71 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:105 Resp: 37038

Ion	Ratio	Lower	Upper
105	100		
71	4.0	5.5	8.3#
51	37.1	26.0	39.0
120	23.4	18.5	27.7

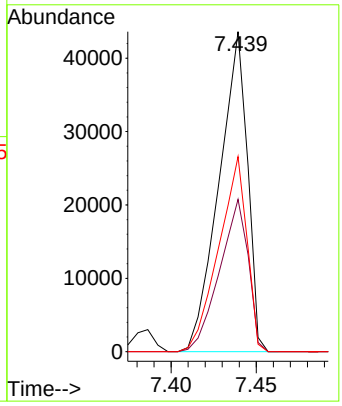




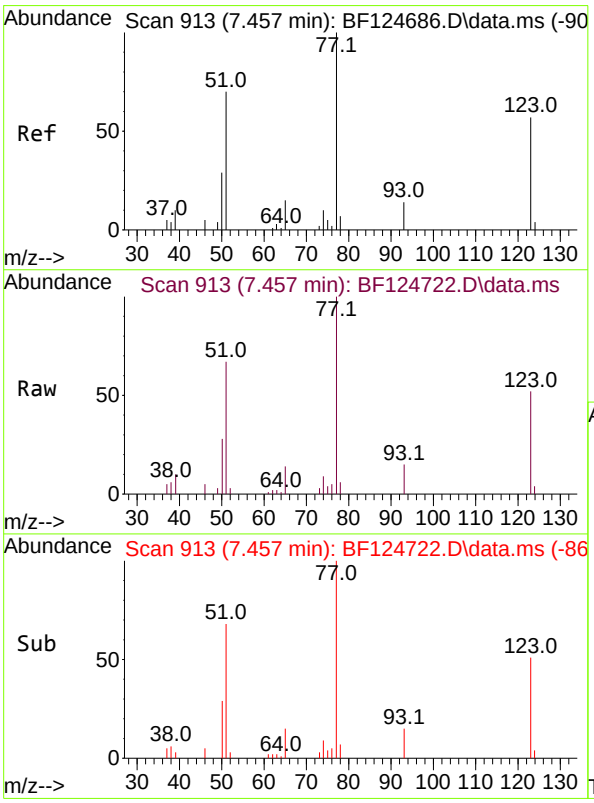
#23
Nitrobenzene-d5
Concen: 99.26 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 82 Resp: 50569

Ion	Ratio	Lower	Upper
82	100		
128	47.6	40.6	60.8
54	60.9	49.6	74.4



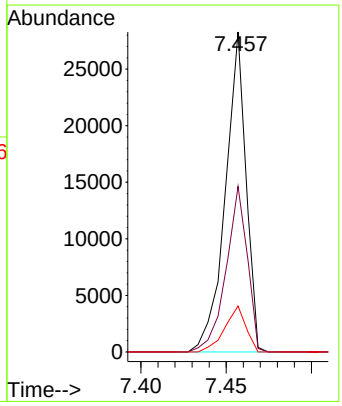
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



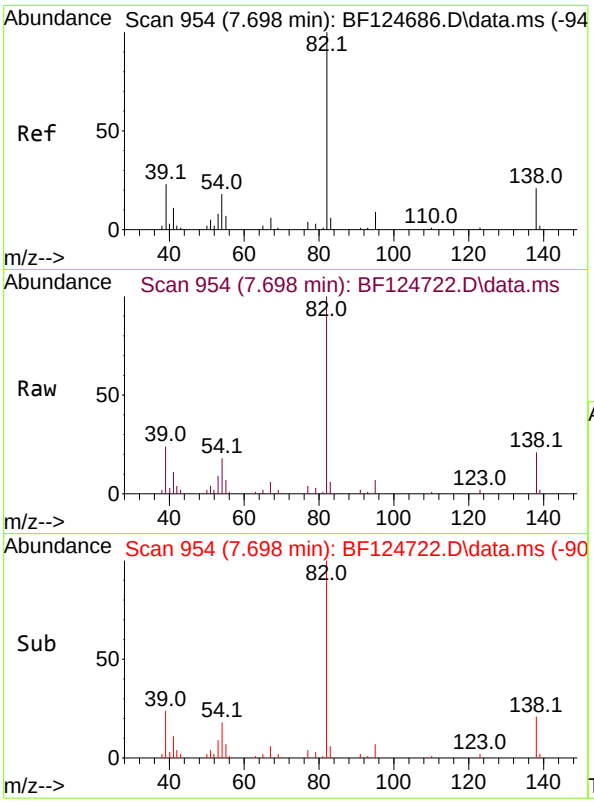
#24
Nitrobenzene
Concen: 47.72 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 77 Resp: 23837

Ion	Ratio	Lower	Upper
77	100		
123	51.7	42.3	63.5
65	14.3	12.4	18.6



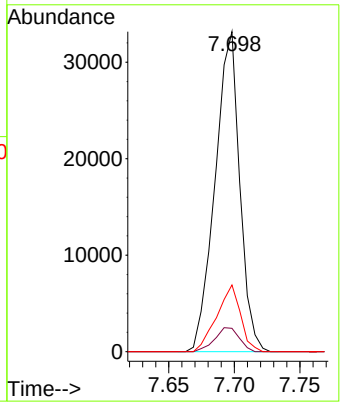
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

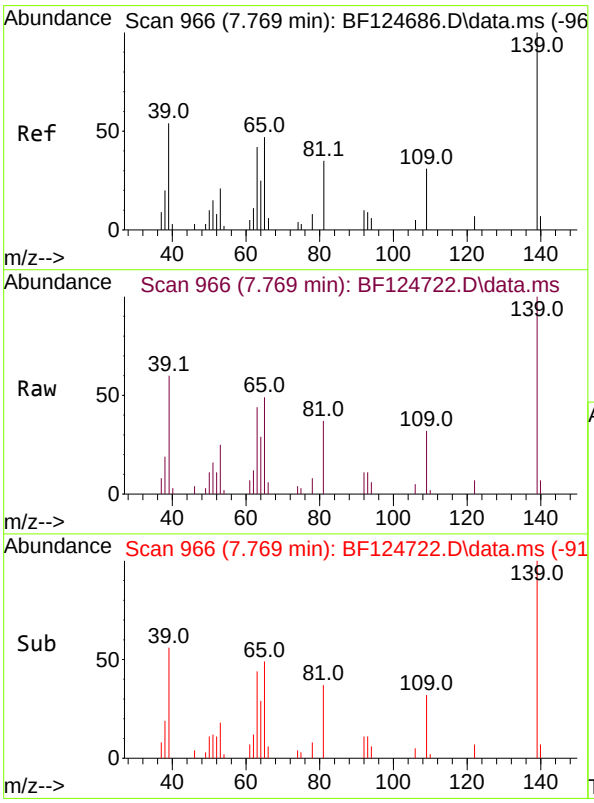


#25
Isophorone
Concen: 48.10 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 82 Resp: 43326

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.5	9.7
138	20.8	18.4	27.6

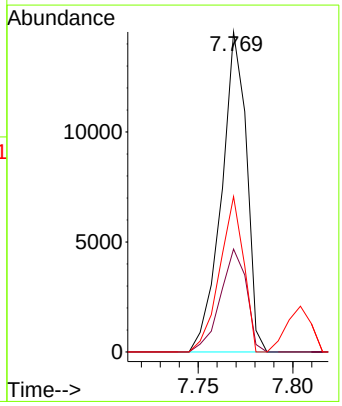




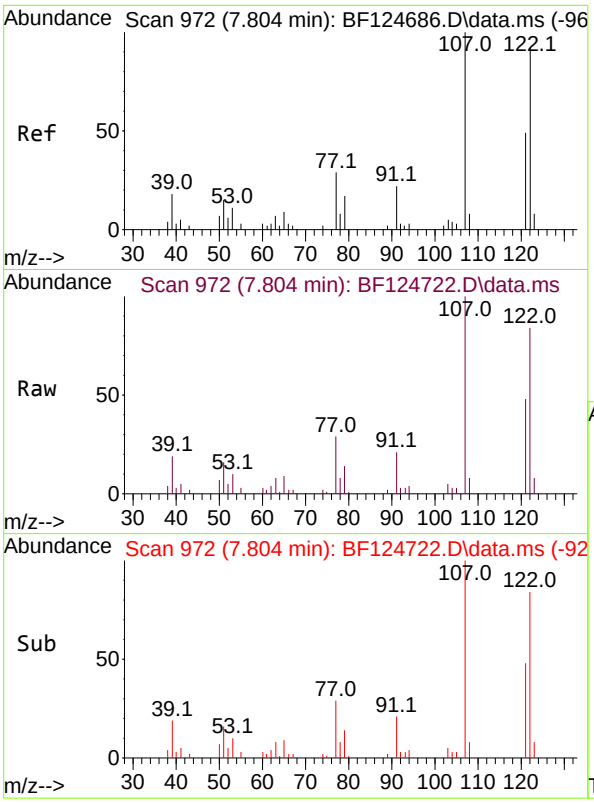
#26
2-Nitrophenol
Concen: 48.29 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:139 Resp: 13360

Ion	Ratio	Lower	Upper
139	100		
109	32.1	26.0	39.0
65	48.6	31.0	46.4#



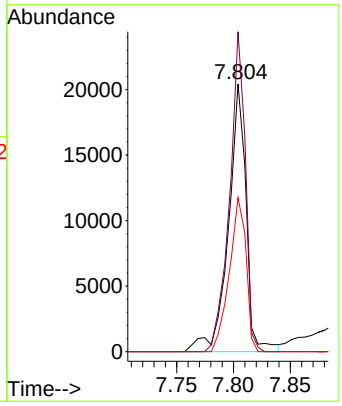
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

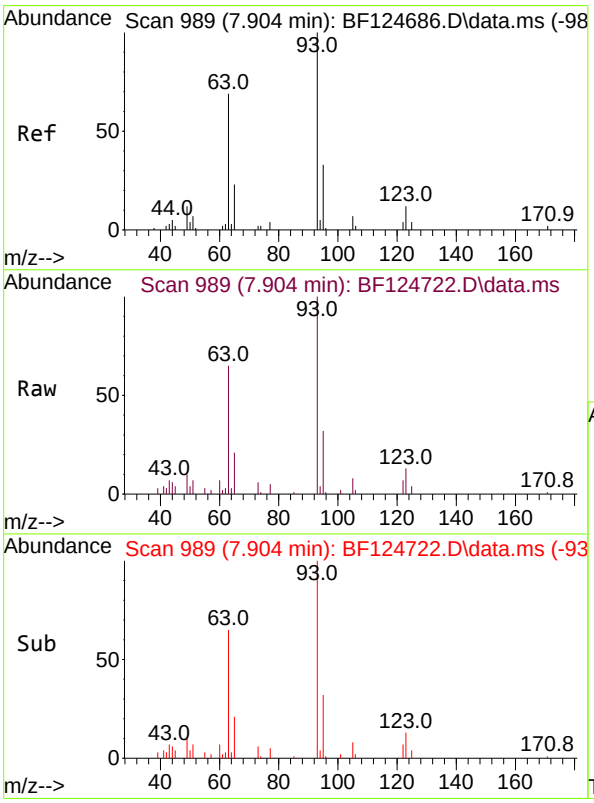


#27
2,4-Dimethylphenol
Concen: 51.98 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:122 Resp: 22128

Ion	Ratio	Lower	Upper
122	100		
107	119.6	85.0	127.6
121	57.6	43.3	64.9

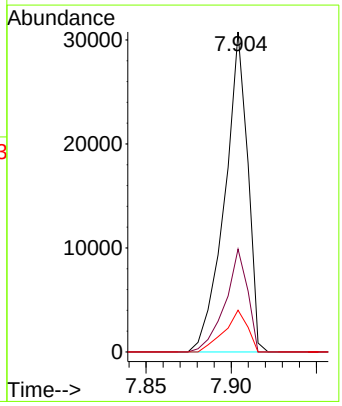




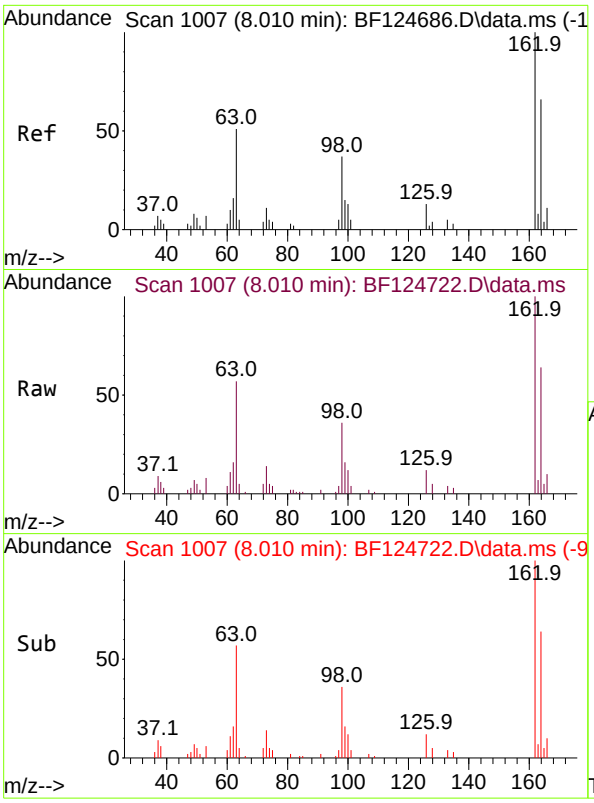
#28
bis(2-Chloroethoxy)methane
Concen: 55.16 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 93 Resp: 28876

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	13.0	11.7	17.5



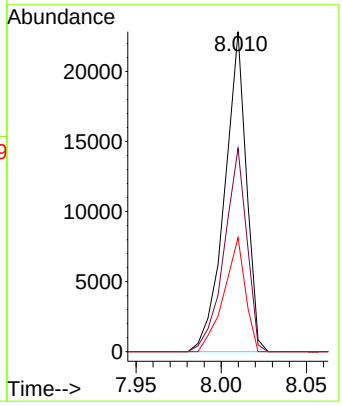
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

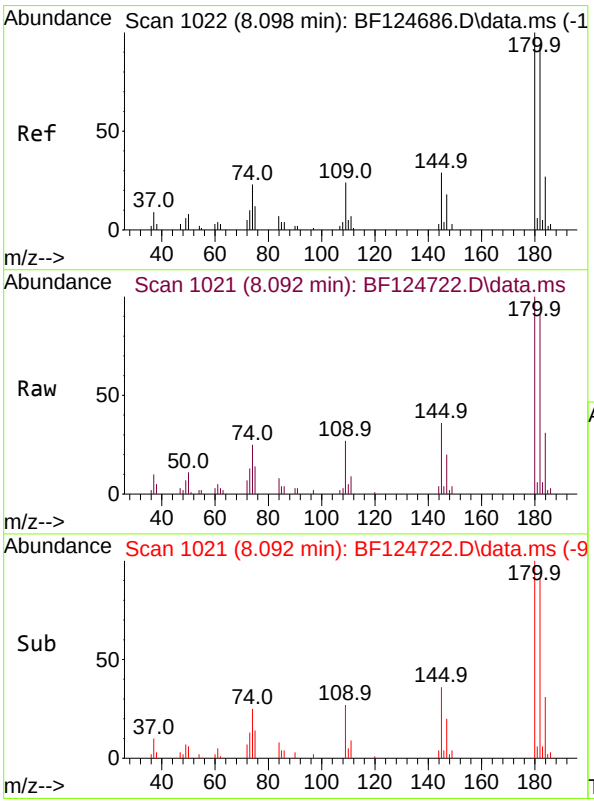


#29
2,4-Dichlorophenol
Concen: 45.19 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:162 Resp: 20372

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.5	84.5
98	35.7	13.0	53.0

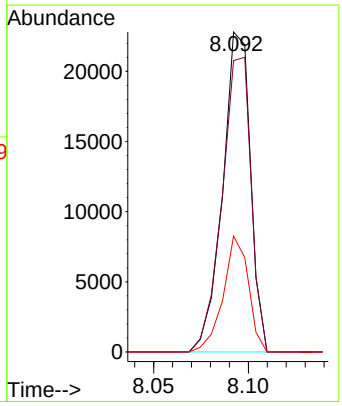




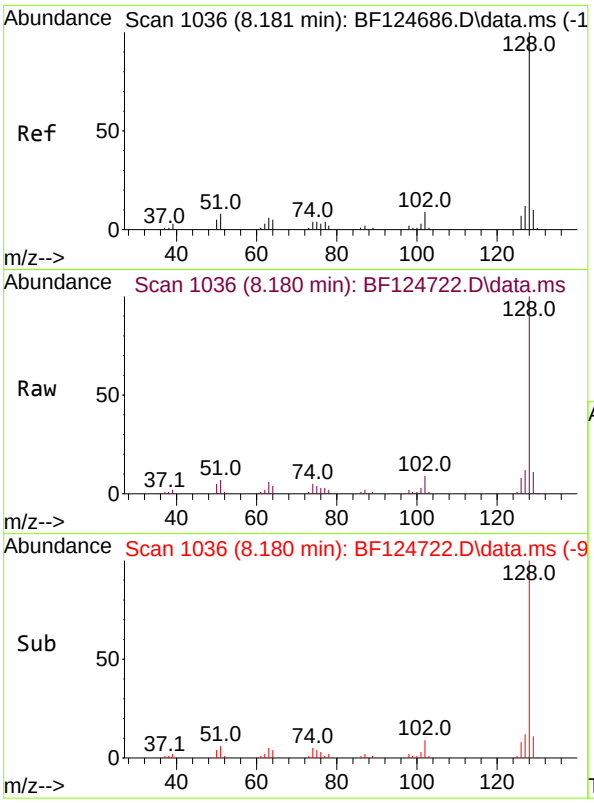
#30
1,2,4-Trichlorobenzene
Concen: 47.02 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:180 Resp: 23235

Ion	Ratio	Lower	Upper
180	100		
182	91.1	76.8	115.2
145	36.2	26.7	40.1



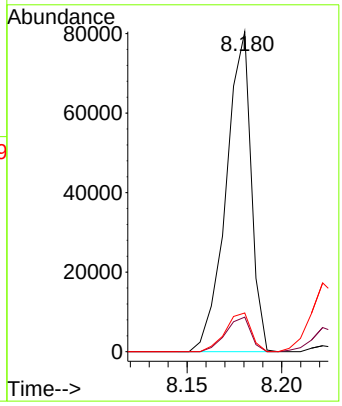
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

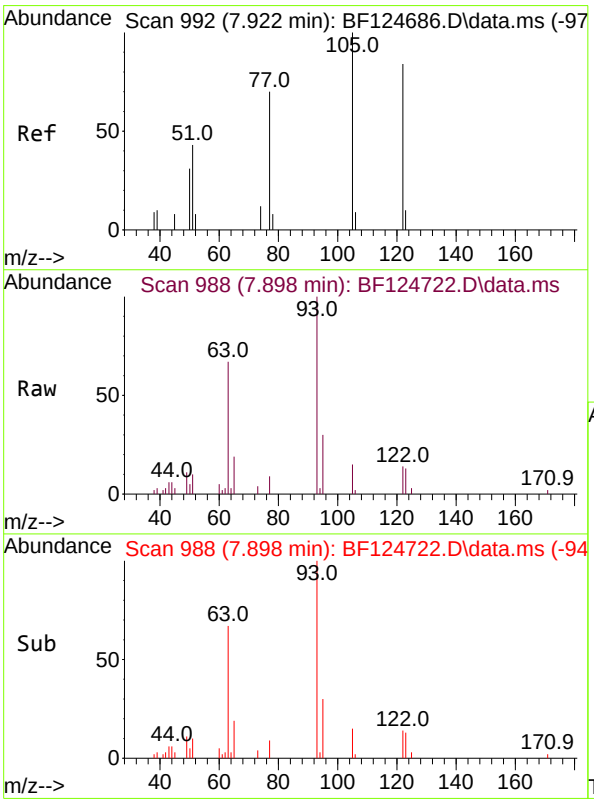


#31
Naphthalene
Concen: 46.64 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:128 Resp: 73796

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.0
127	12.1	10.9	16.3

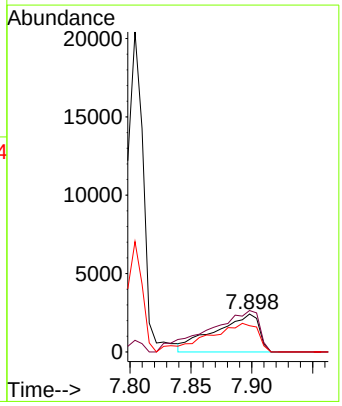


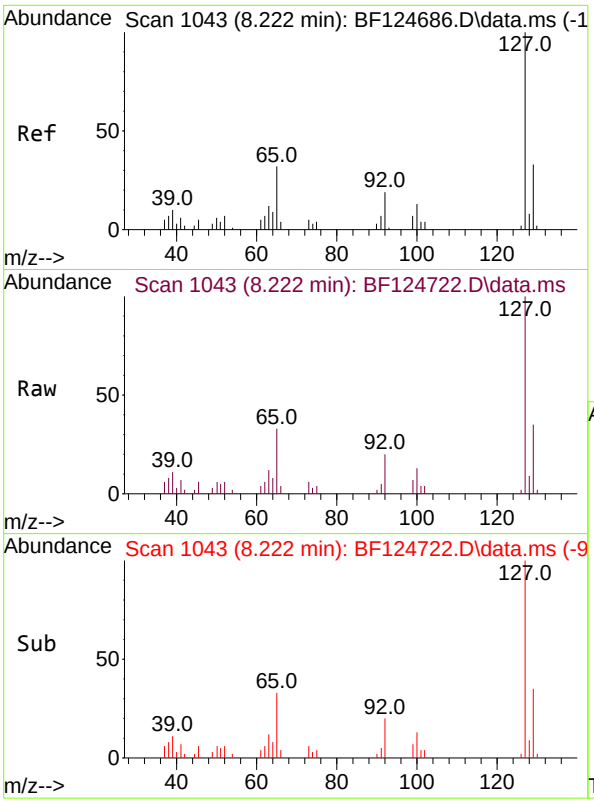


#32
Benzoic acid
Concen: 18.42 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.024 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:122 Resp: 6068

Ion	Ratio	Lower	Upper
122	100		
105	109.0	97.6	137.6
77	69.1	59.6	99.6

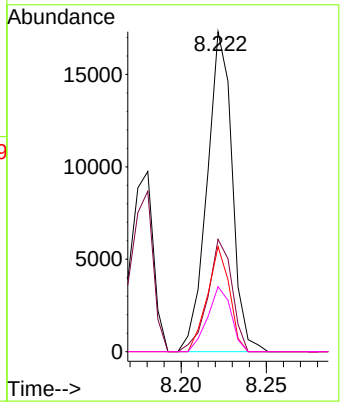




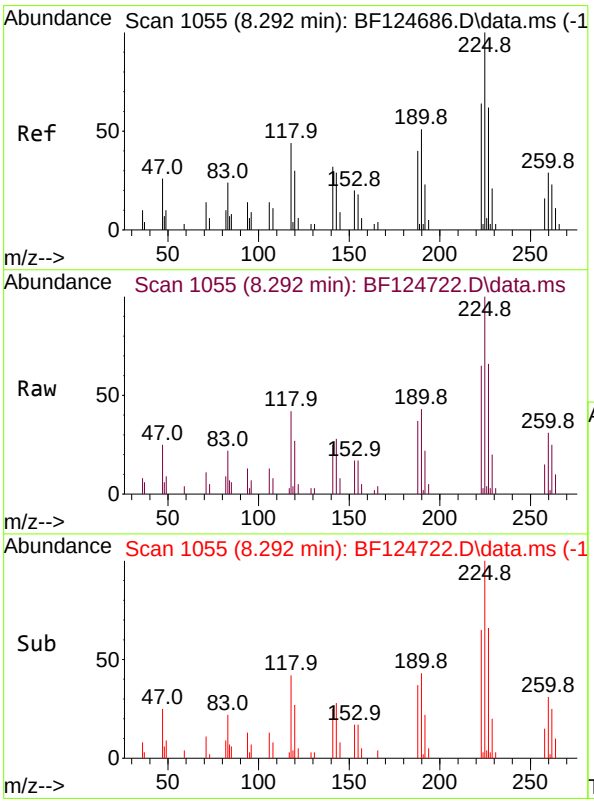
#33
4-Chloroaniline
Concen: 29.87 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:127 Resp: 17772

Ion	Ratio	Lower	Upper
127	100		
129	35.1	25.7	38.5
65	32.9	21.2	31.8#
92	20.3	14.0	21.0



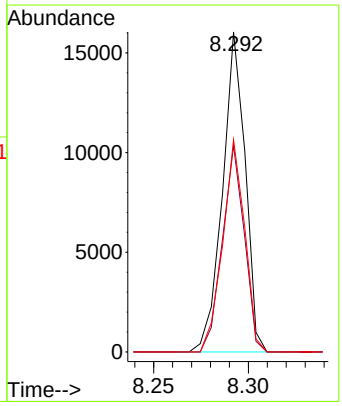
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



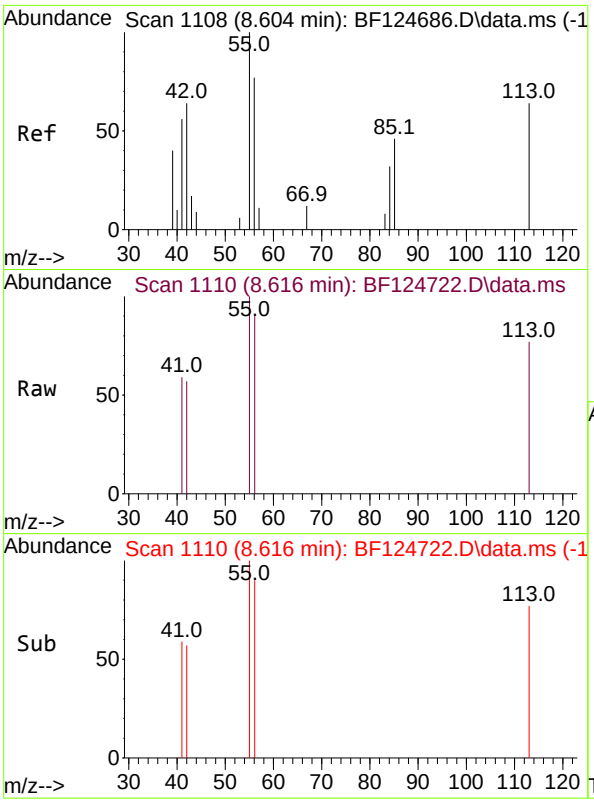
#34
Hexachlorobutadiene
Concen: 45.08 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:225 Resp: 13314

Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	66.3	50.6	75.8



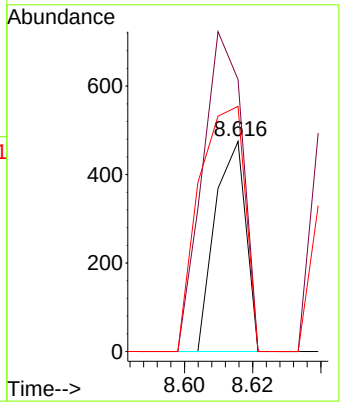
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

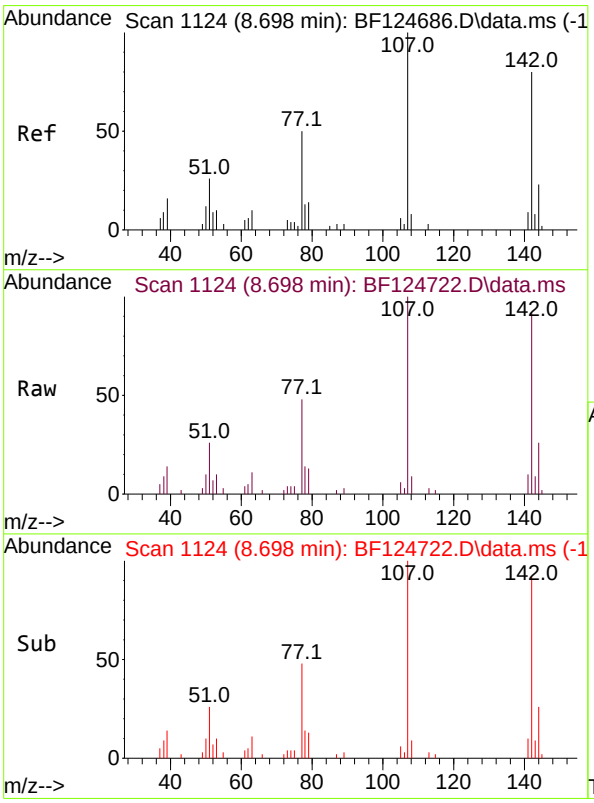


#35
Caprolactam
Concen: 2.54 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:113 Resp: 298

Ion	Ratio	Lower	Upper
113	100		
55	129.5	154.1	194.1#
56	116.6	108.7	148.7

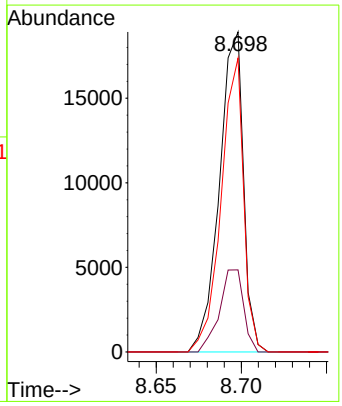


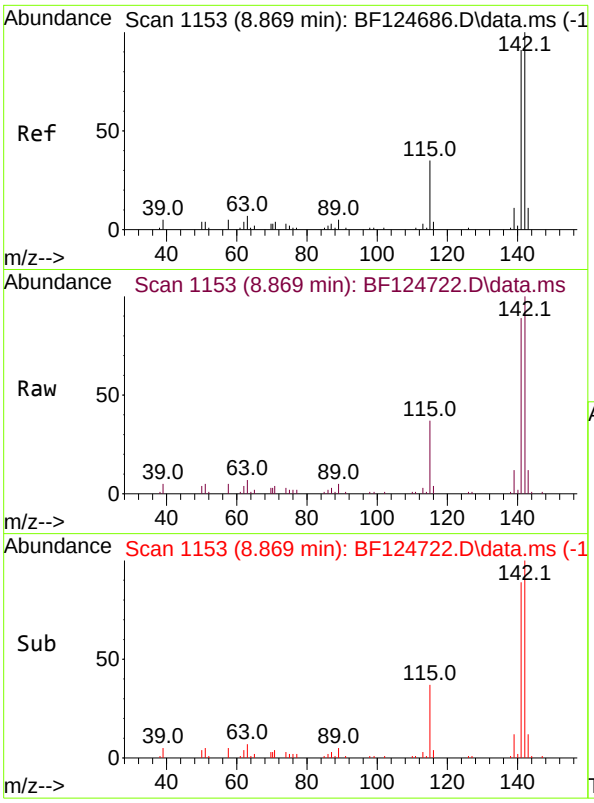


#36
4-Chloro-3-methylphenol
Concen: 43.25 ng
RT: 8.698 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:107 Resp: 18599

Ion	Ratio	Lower	Upper
107	100		
144	25.6	21.9	32.9
142	91.8	67.1	100.7

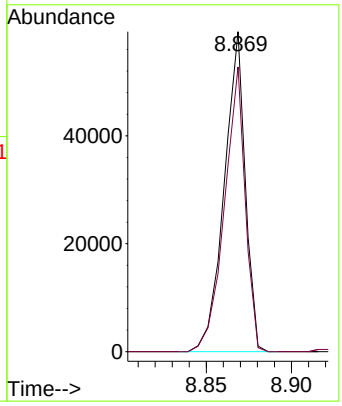




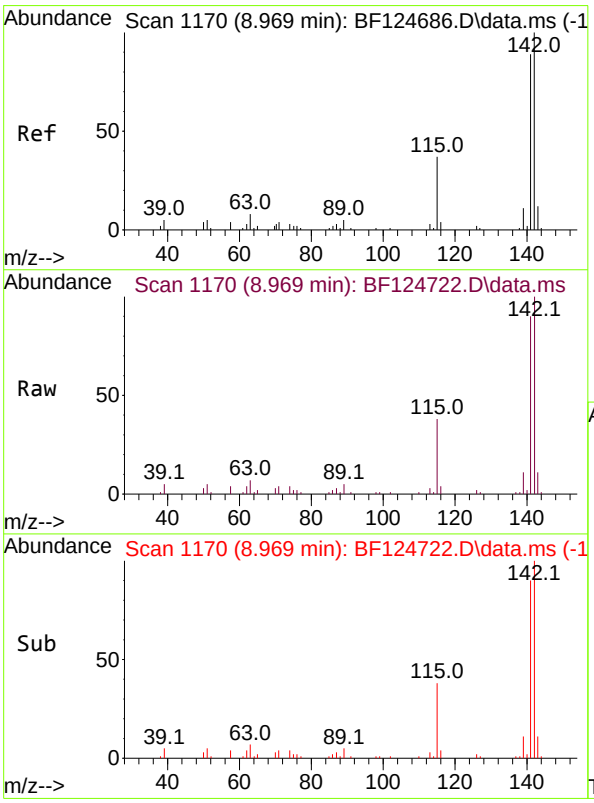
#37
2-Methylnaphthalene
Concen: 48.11 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:142 Resp: 50862

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8



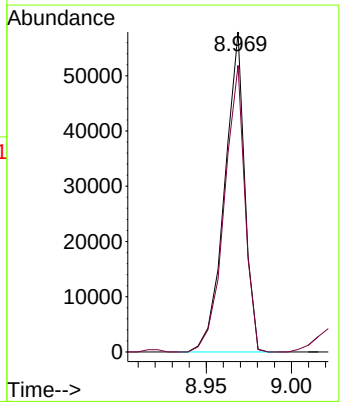
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

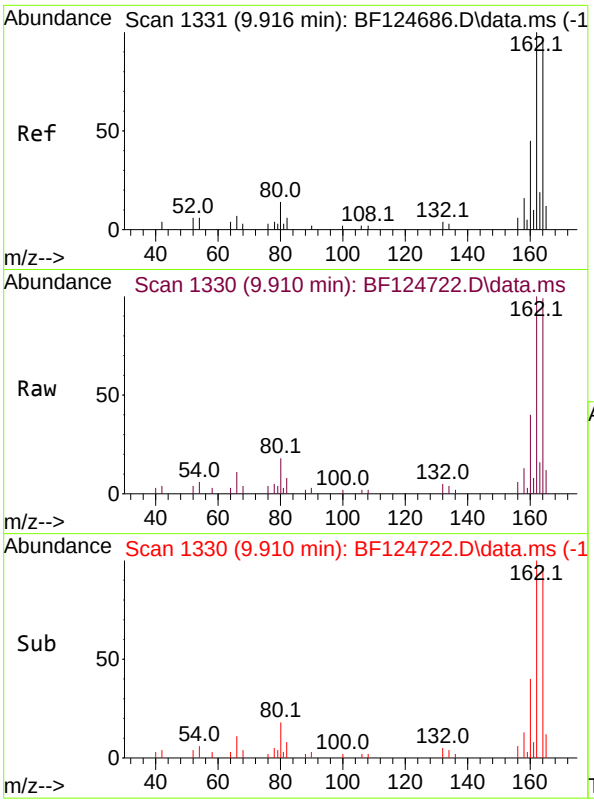


#38
1-Methylnaphthalene
Concen: 47.23 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:142 Resp: 47310

Ion	Ratio	Lower	Upper
142	100		
141	89.6	76.0	114.0

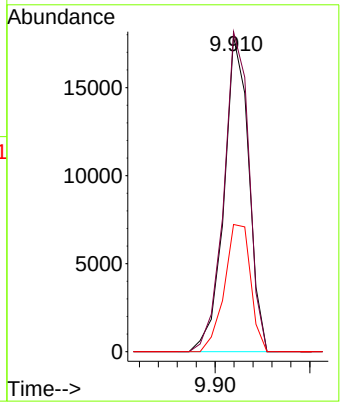




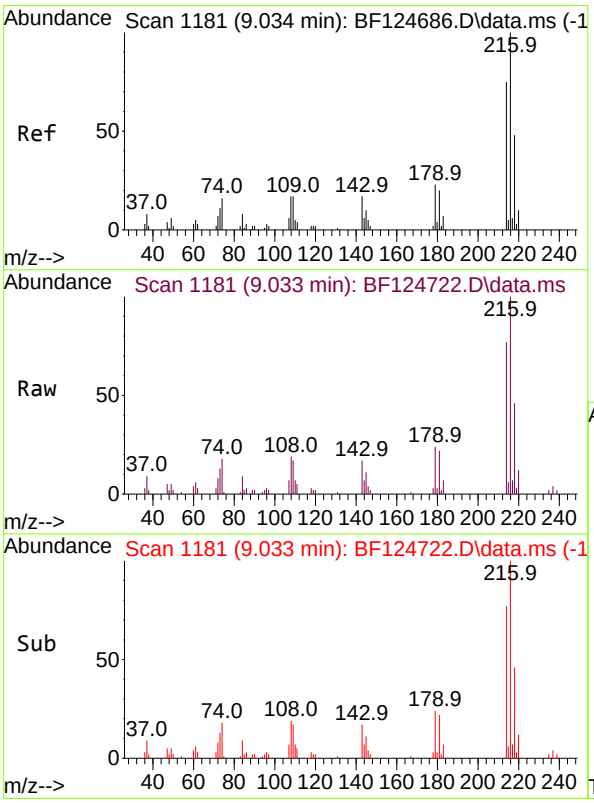
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:164 Resp: 16212

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	40.3	38.0	57.0



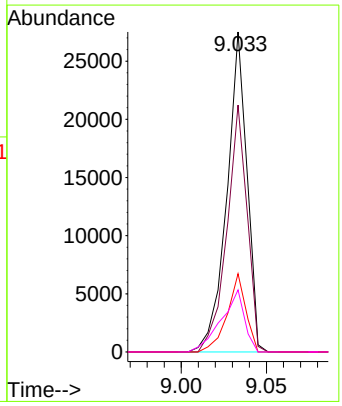
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



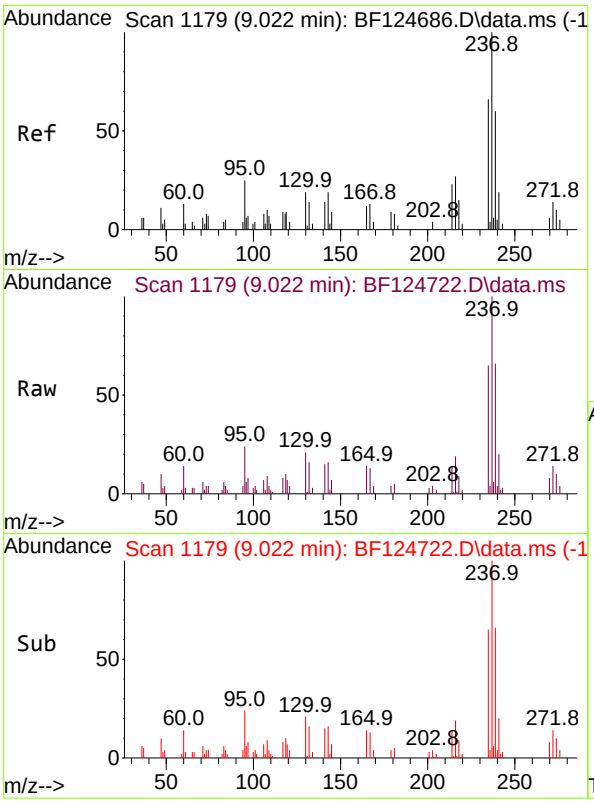
#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.98 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:216 Resp: 22609

Ion	Ratio	Lower	Upper
216	100		
214	77.1	64.9	97.3
179	22.7	17.4	26.2
108	22.5	16.5	24.7



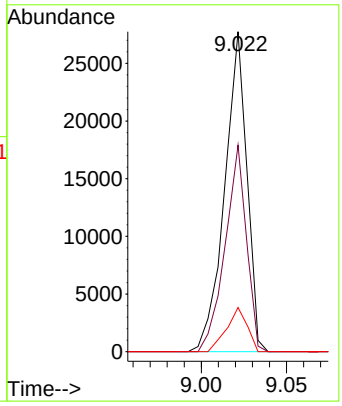
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

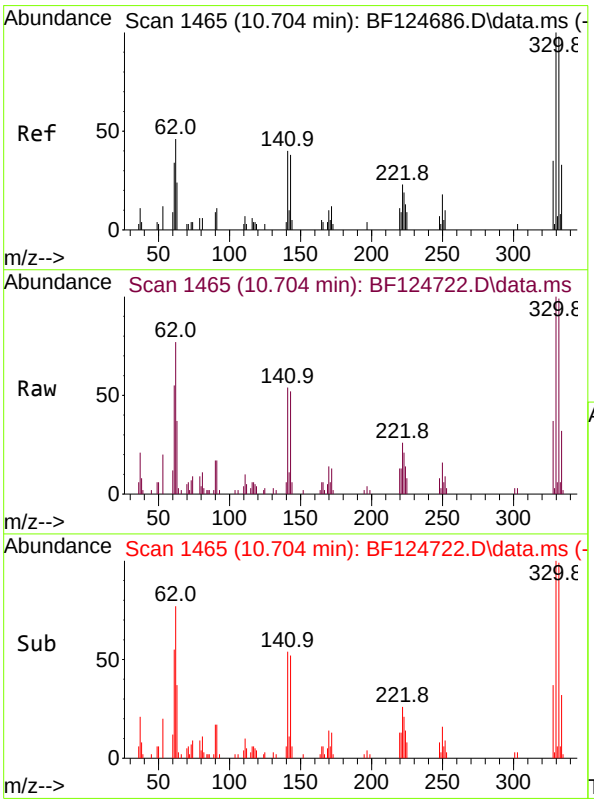


#41
Hexachlorocyclopentadiene
Concen: 94.20 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:237 Resp: 25210

Ion	Ratio	Lower	Upper
237	100		
235	64.5	44.7	84.7
272	13.8	0.0	31.6

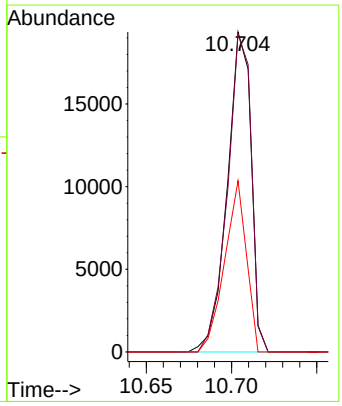


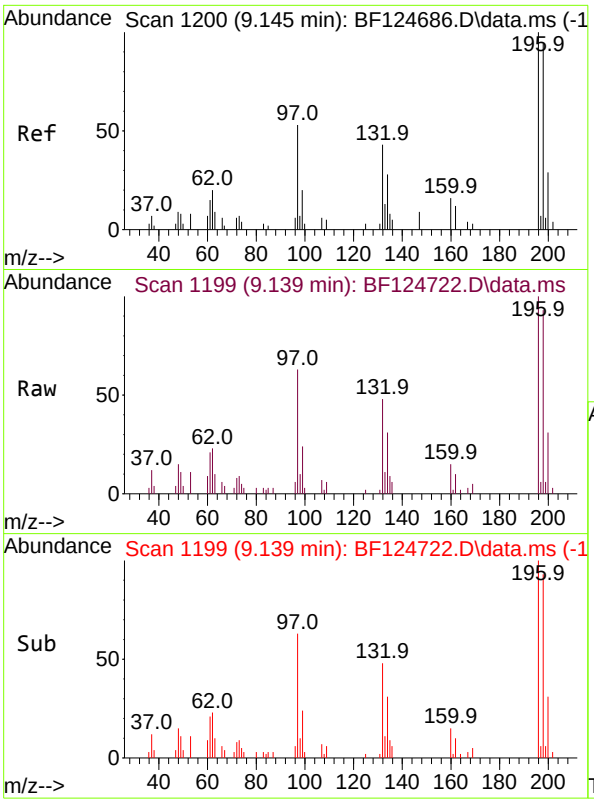


#42
2,4,6-Tribromophenol
Concen: 135.45 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:330 Resp: 18854

Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.2	114.4
141	48.8	44.6	66.8

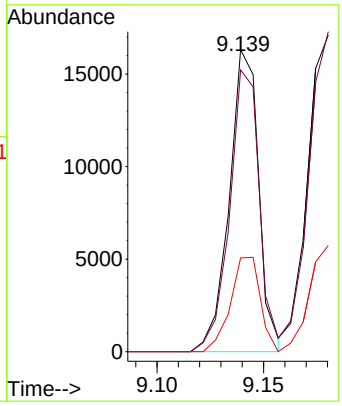




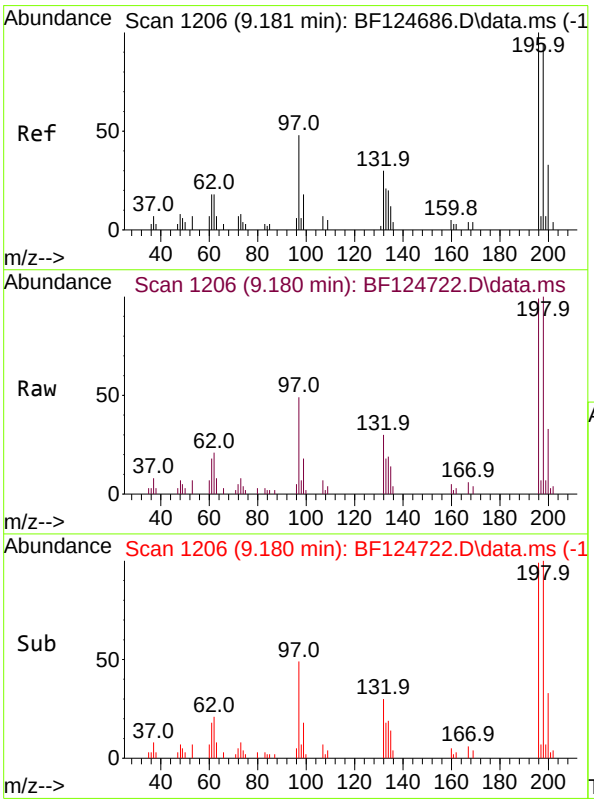
#43
2,4,6-Trichlorophenol
Concen: 48.89 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:196 Resp: 15700

Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.9	112.3
200	31.0	27.0	40.4



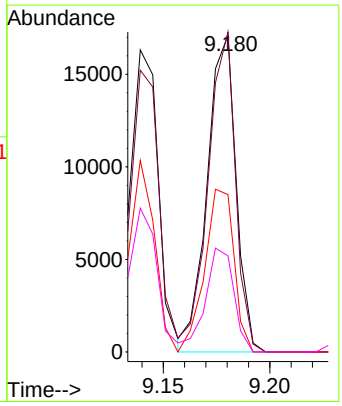
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

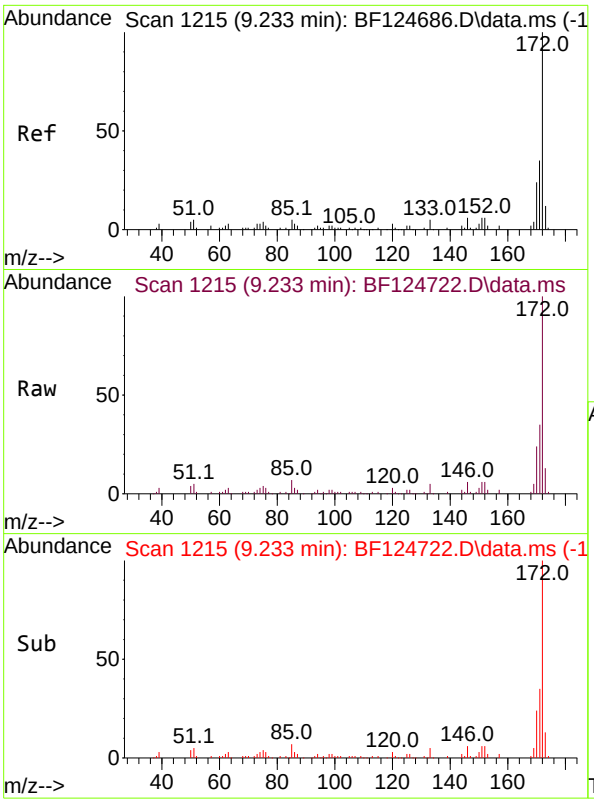


#44
2,4,5-Trichlorophenol
Concen: 48.97 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:196 Resp: 16145

Ion	Ratio	Lower	Upper
196	100		
198	101.1	80.2	120.2
97	49.7	44.0	66.0
132	30.4	25.4	38.0

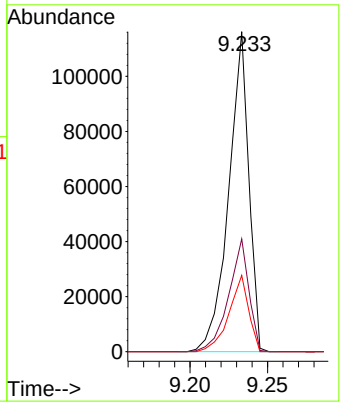




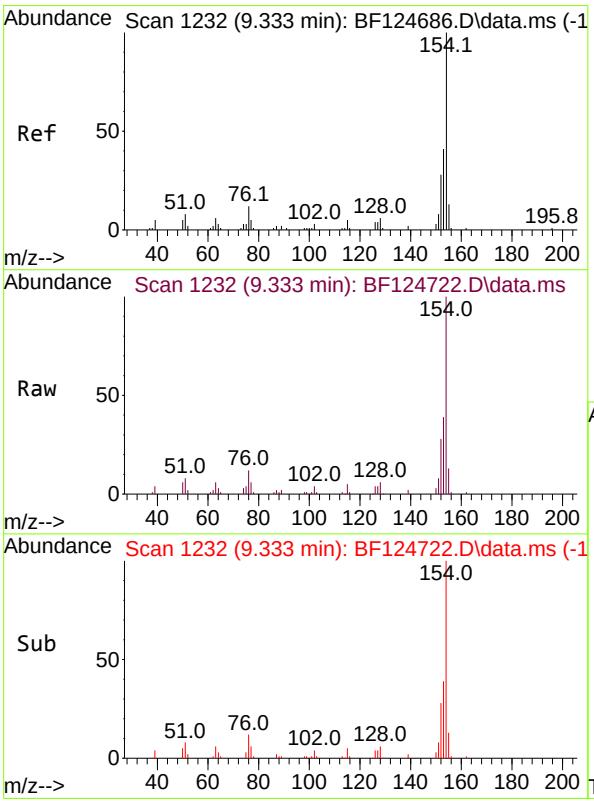
#45
2-Fluorobiphenyl
Concen: 94.83 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:172 Resp: 104668

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.5	39.7
170	23.9	18.8	28.2



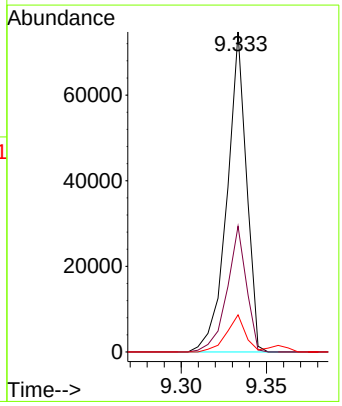
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



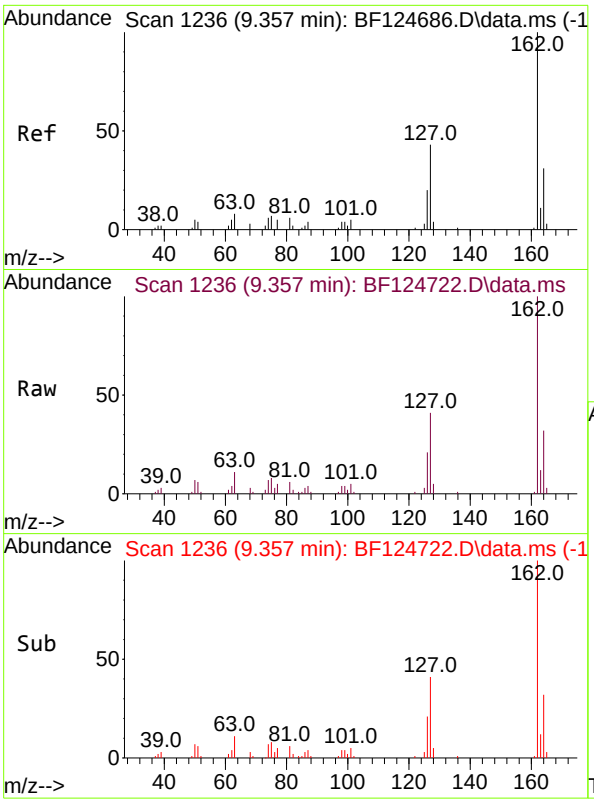
#46
1,1'-Biphenyl
Concen: 48.82 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:154 Resp: 59077

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.0	60.0
76	11.6	0.0	30.3



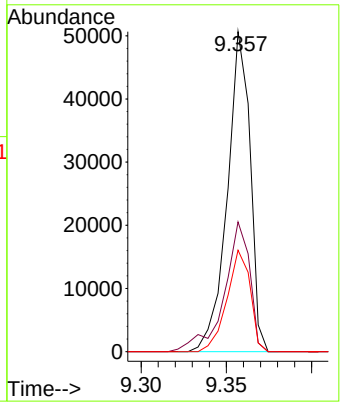
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

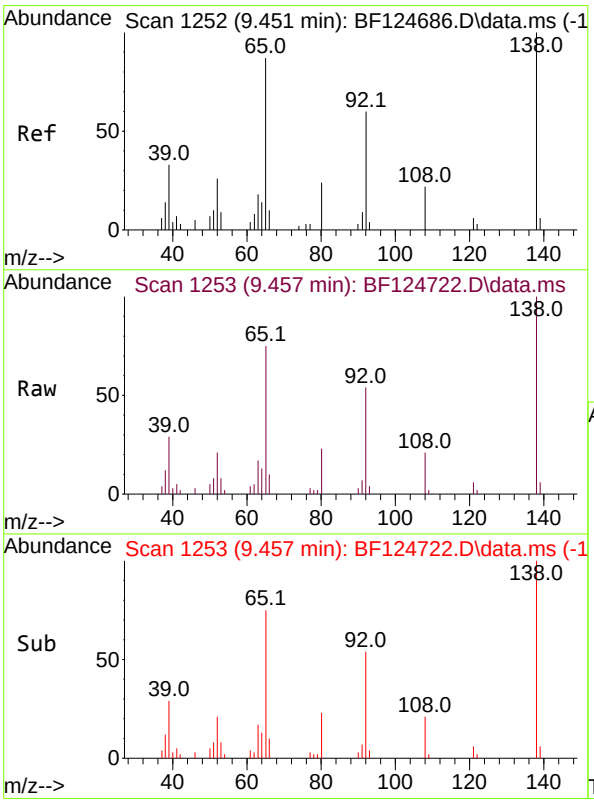


#47
2-Chloronaphthalene
Concen: 49.19 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:162 Resp: 47122

Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.0	49.4
164	31.7	25.8	38.8

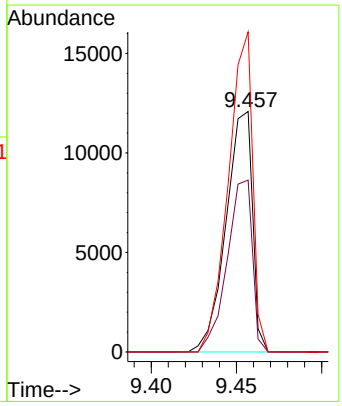


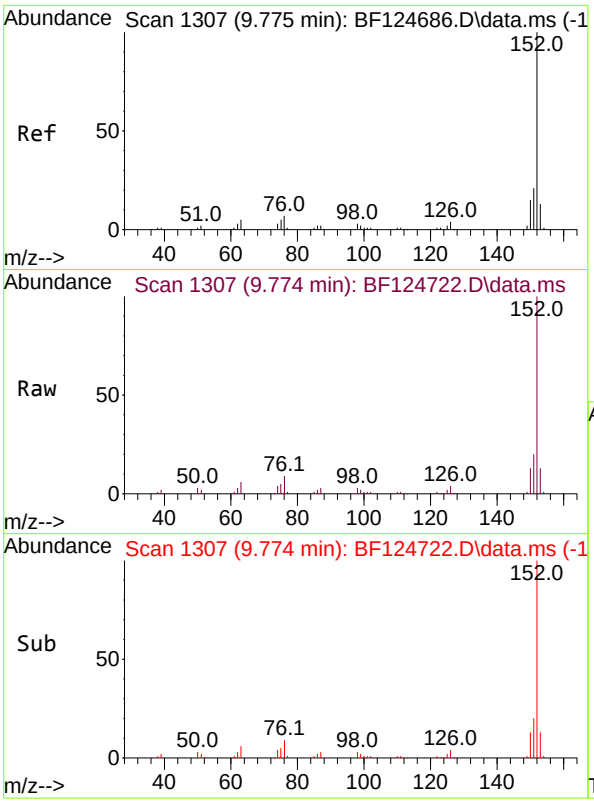


#48
2-Nitroaniline
Concen: 52.01 ng
RT: 9.457 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 65 Resp: 13046

Ion	Ratio	Lower	Upper
65	100		
92	71.5	55.5	83.3
138	133.1	93.5	140.3

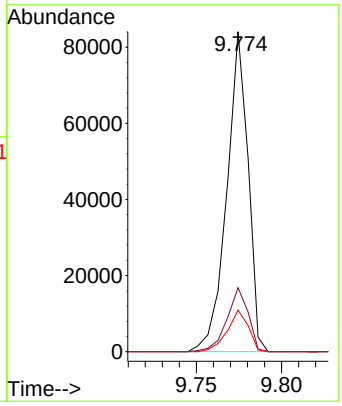




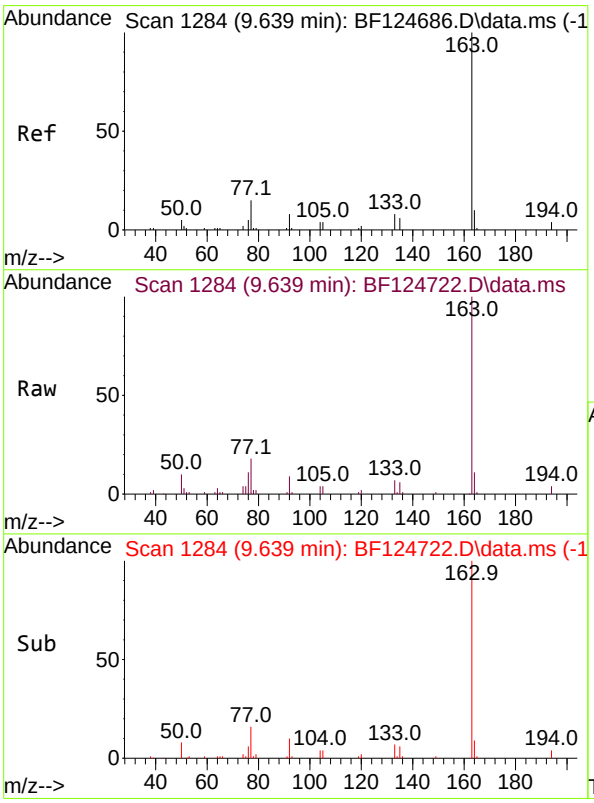
#49
Acenaphthylene
Concen: 49.39 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:152 Resp: 72963

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.0	9.8	14.8



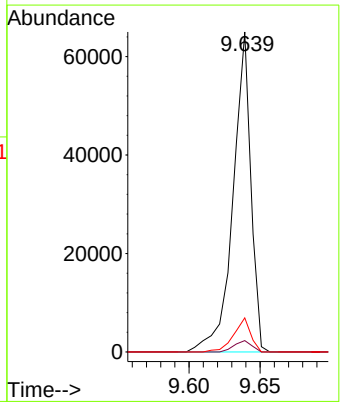
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



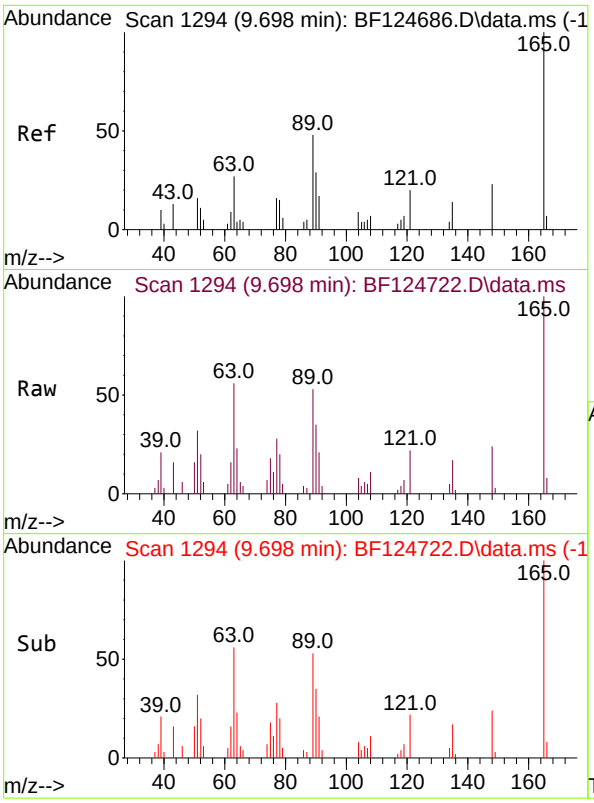
#50
Dimethylphthalate
Concen: 50.88 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:163 Resp: 56803

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	3.8
164	10.6	7.4	11.0



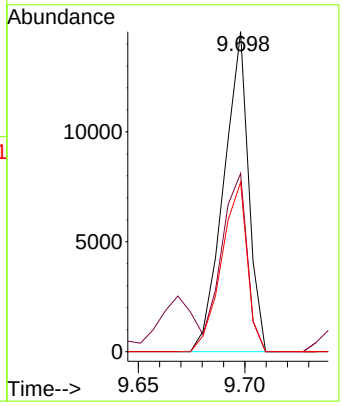
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

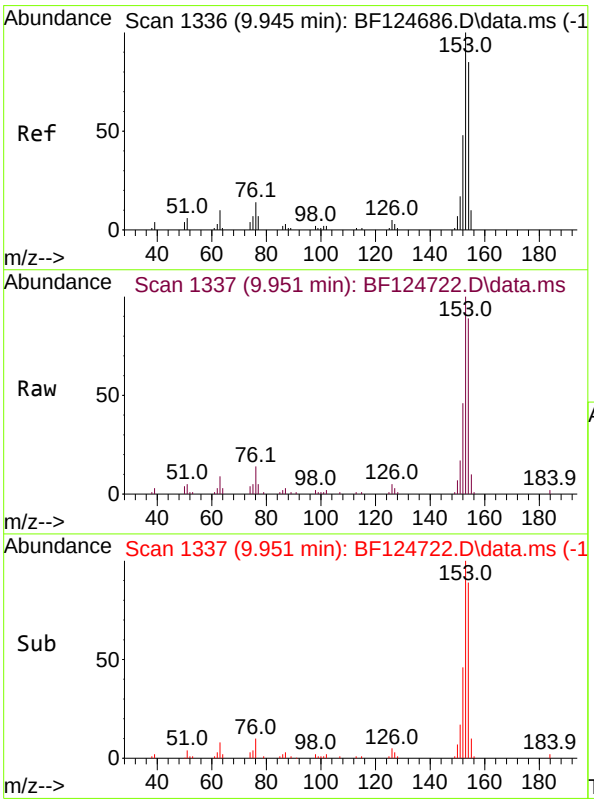


#51
2,6-Dinitrotoluene
Concen: 47.95 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:165 Resp: 11825

Ion	Ratio	Lower	Upper
165	100		
63	55.7	42.6	63.8
89	52.9	40.6	60.8

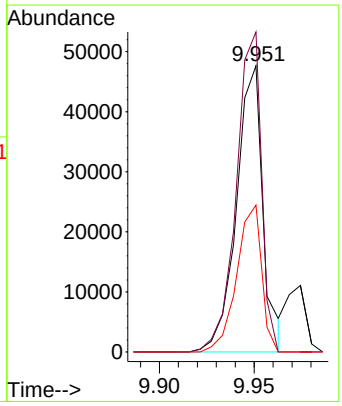




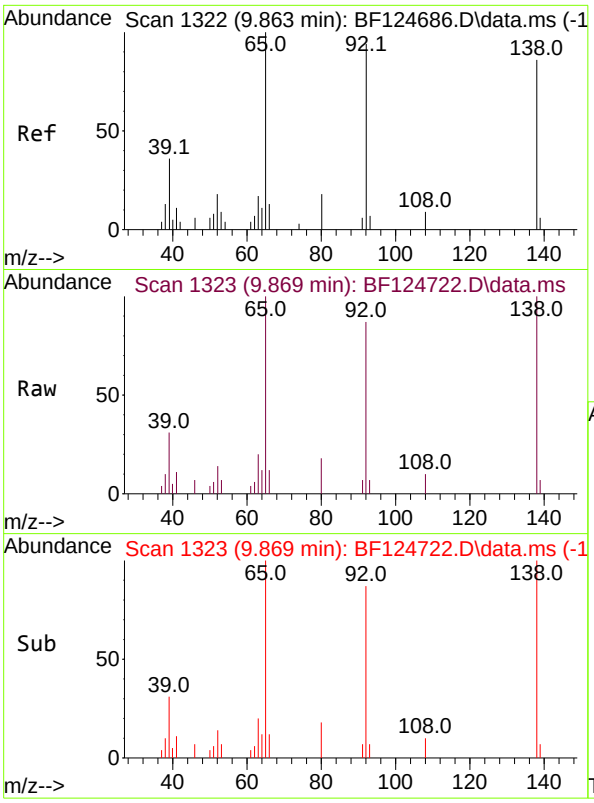
#52
Acenaphthene
Concen: 47.26 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:154 Resp: 46288

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.4	134.2
152	51.3	40.5	60.7



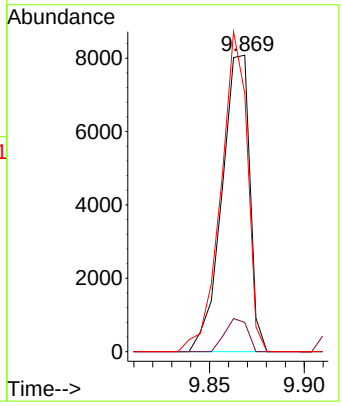
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

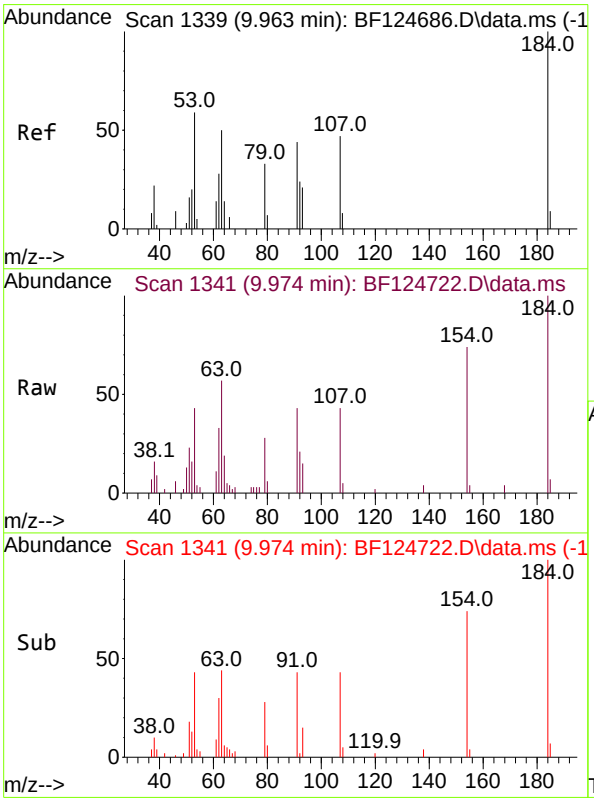


#53
3-Nitroaniline
Concen: 31.84 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:138 Resp: 8261

Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.3	13.9
92	87.0	76.5	114.7

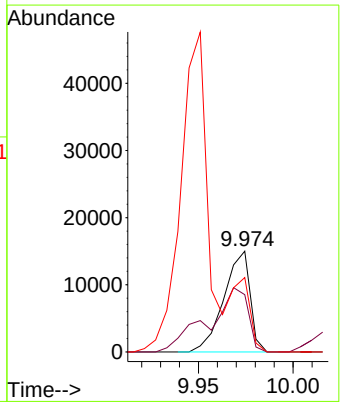




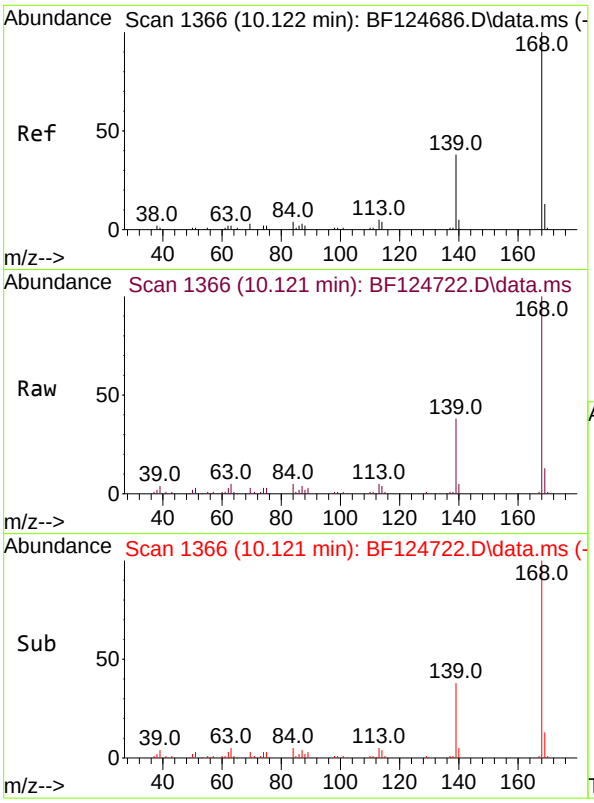
#54
2,4-Dinitrophenol
Concen: 101.10 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:184 Resp: 14418

Ion	Ratio	Lower	Upper
184	100		
63	56.8	59.3	88.9#
154	73.8	68.6	102.8



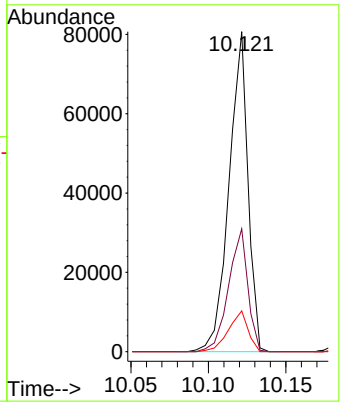
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

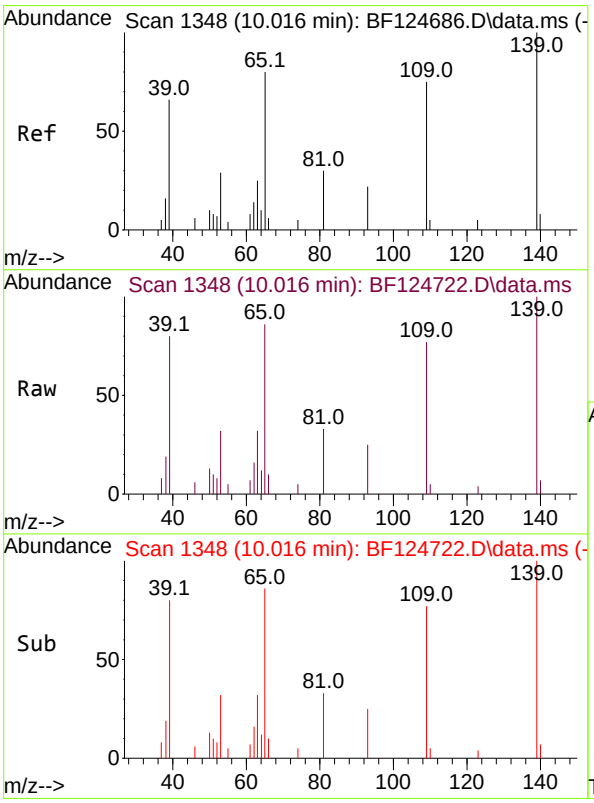


#55
Dibenzofuran
Concen: 48.93 ng
RT: 10.121 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:168 Resp: 68475

Ion	Ratio	Lower	Upper
168	100		
139	38.4	32.7	49.1
169	12.7	11.2	16.8

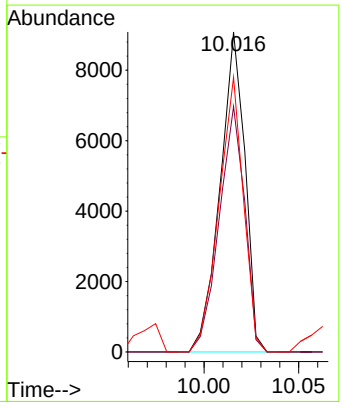


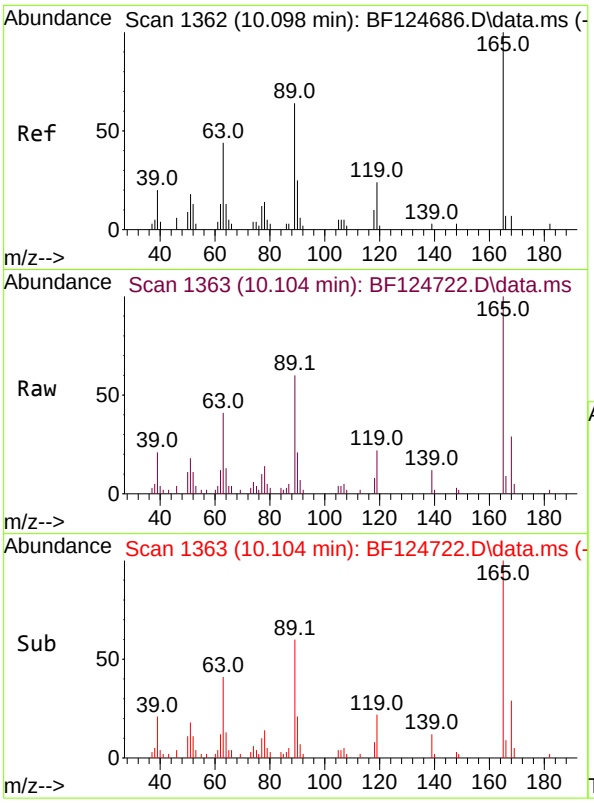


#56
4-Nitrophenol
Concen: 40.41 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:139 Resp: 8280

Ion	Ratio	Lower	Upper
139	100		
109	76.7	60.4	100.4
65	85.9	58.4	98.4

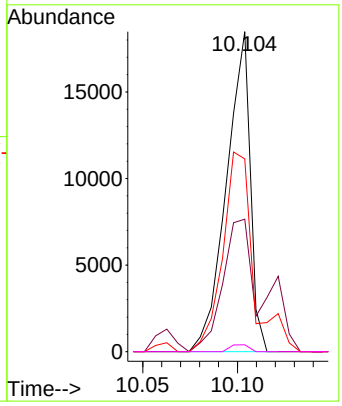




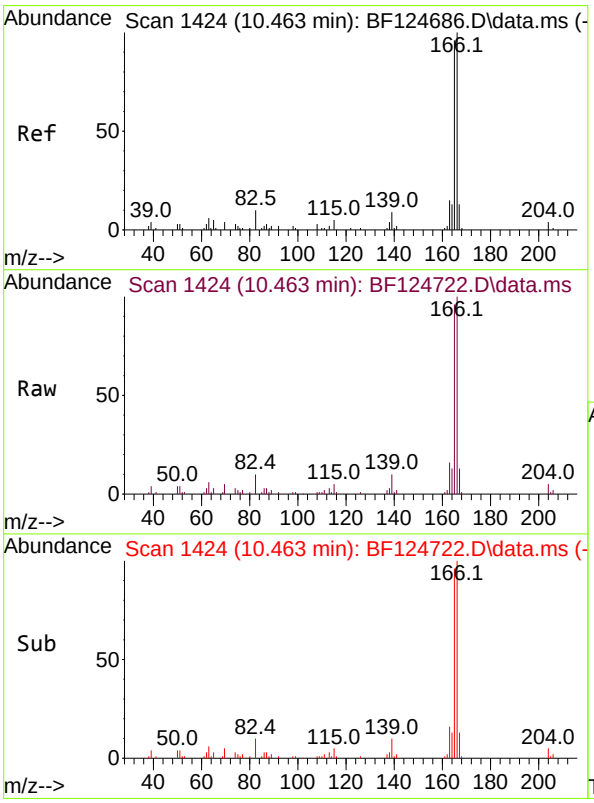
#57
2,4-Dinitrotoluene
Concen: 48.23 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:165 Resp: 16141

Ion	Ratio	Lower	Upper
165	100		
63	41.4	40.9	61.3
89	60.3	59.7	89.5
182	2.2	0.0	0.0#



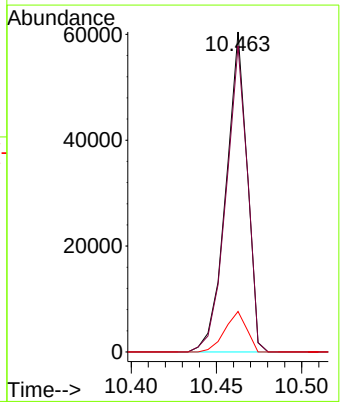
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



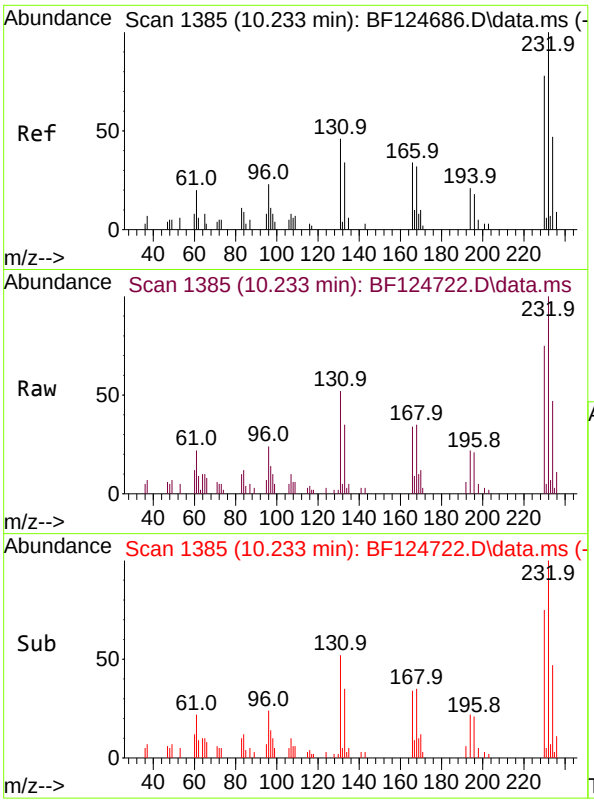
#58
Fluorene
Concen: 48.69 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:166 Resp: 52268

Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.1	117.1
167	12.6	11.1	16.7



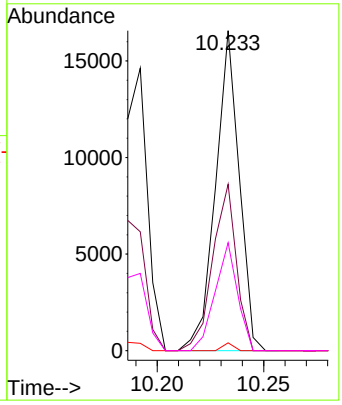
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

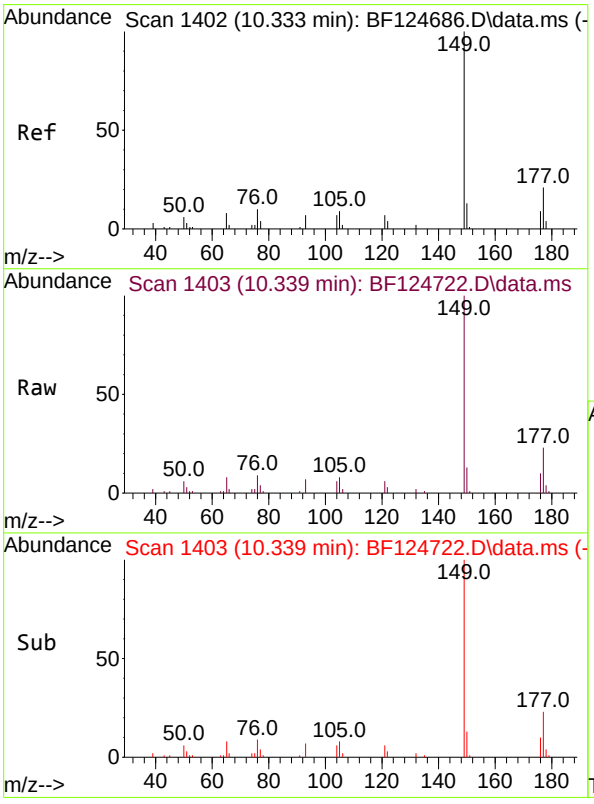


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.13 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:232 Resp: 12792

Ion	Ratio	Lower	Upper
232	100		
131	52.0	45.4	68.0
130	1.1	0.0	0.0#
166	32.0	28.5	42.7

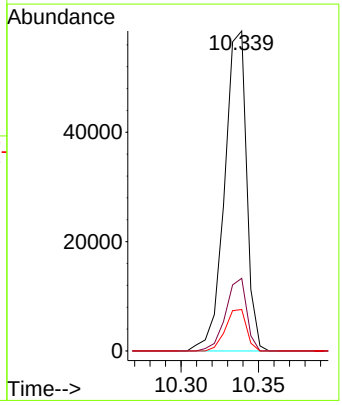




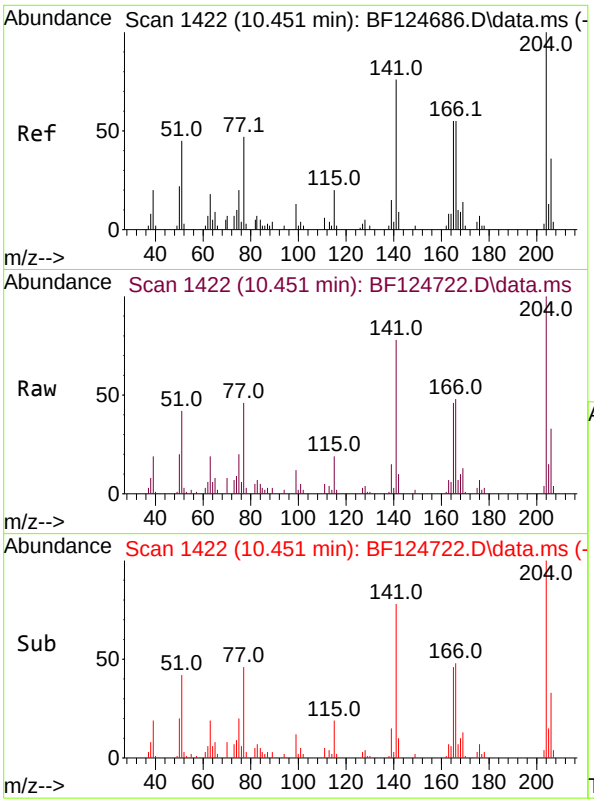
#60
Diethylphthalate
Concen: 49.74 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:149 Resp: 57736

Ion	Ratio	Lower	Upper
149	100		
177	22.7	16.5	24.7
150	12.9	10.1	15.1



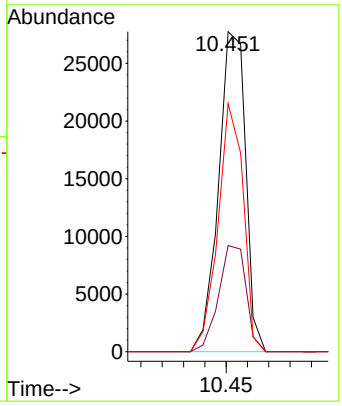
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

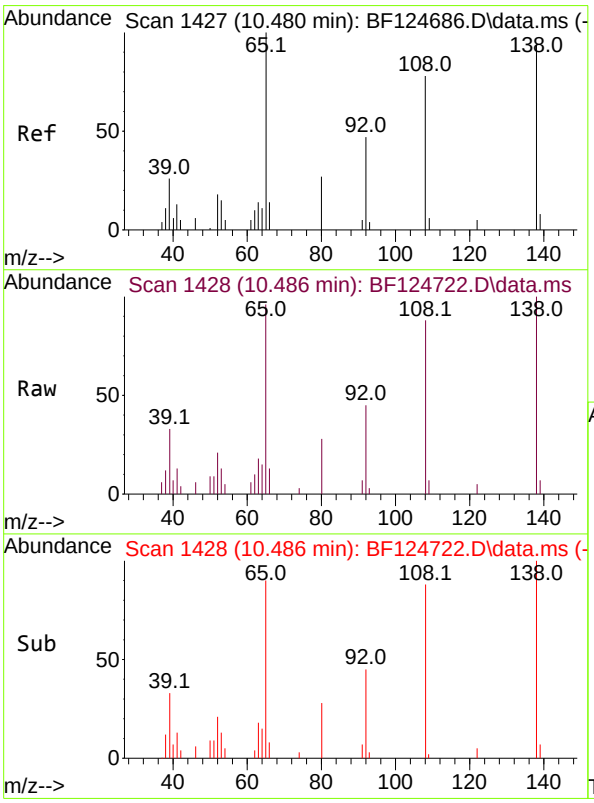


#61
4-Chlorophenyl-phenylether
Concen: 47.28 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:204 Resp: 24539

Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.6	41.4
141	77.5	58.6	88.0

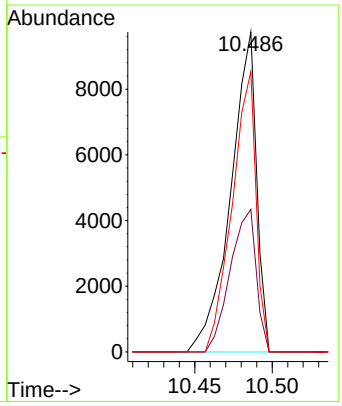




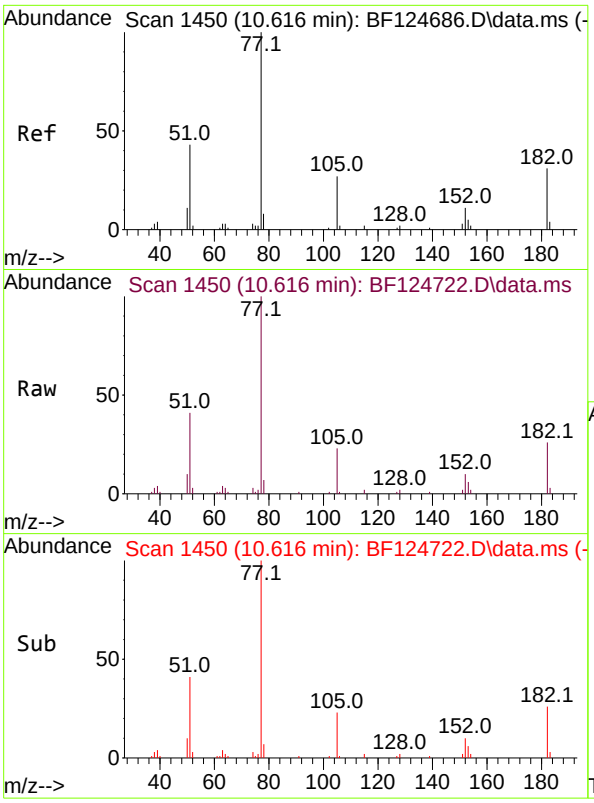
#62
4-Nitroaniline
Concen: 44.07 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:138 Resp: 11314

Ion	Ratio	Lower	Upper
138	100		
92	44.6	29.6	69.6
108	87.6	78.1	118.1



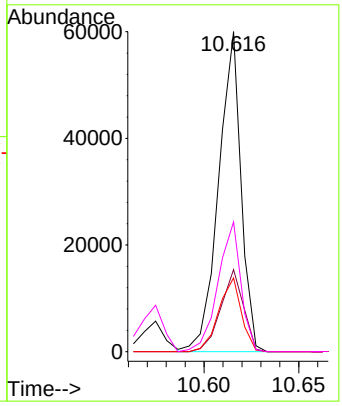
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

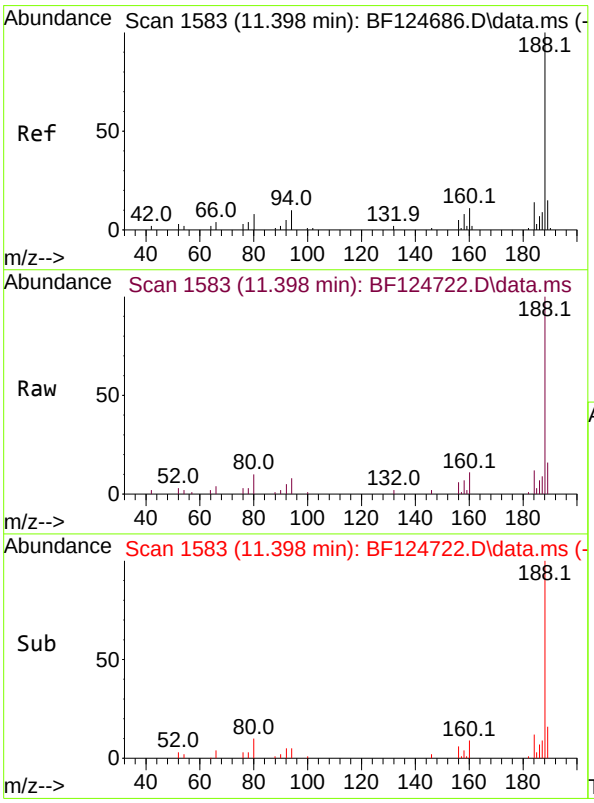


#63
Azobenzene
Concen: 48.05 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion: 77 Resp: 49345

Ion	Ratio	Lower	Upper
77	100		
182	25.7	6.3	46.3
105	23.1	2.9	42.9
51	40.6	24.1	64.1

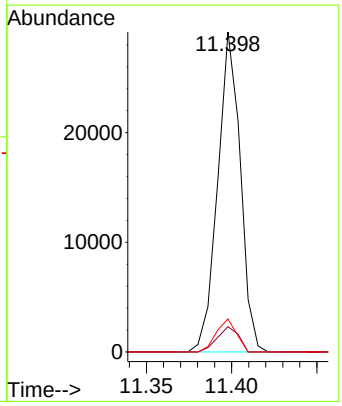




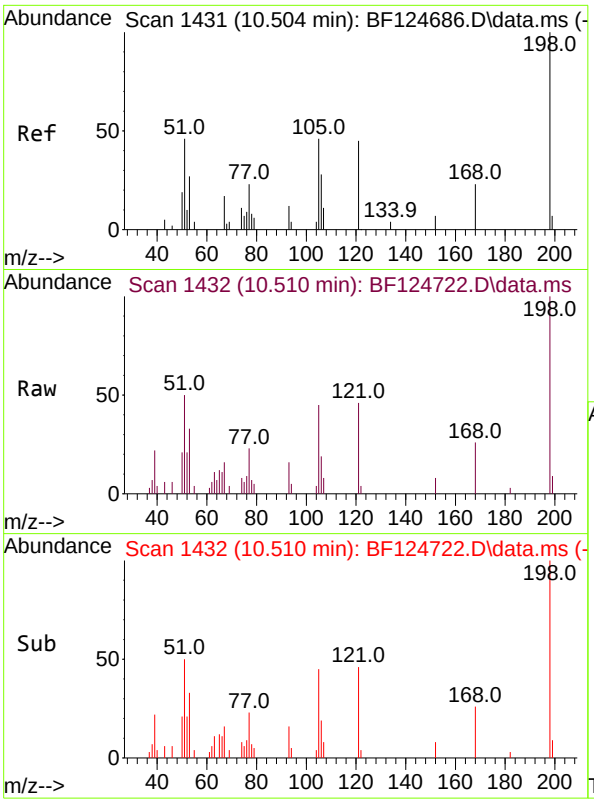
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:188 Resp: 26948

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	10.3	7.5	11.3



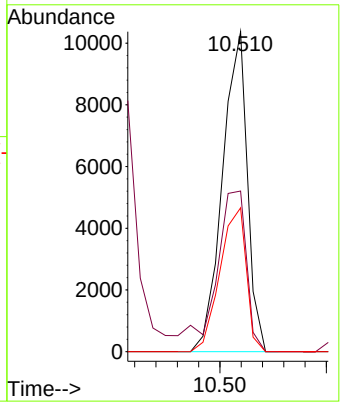
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

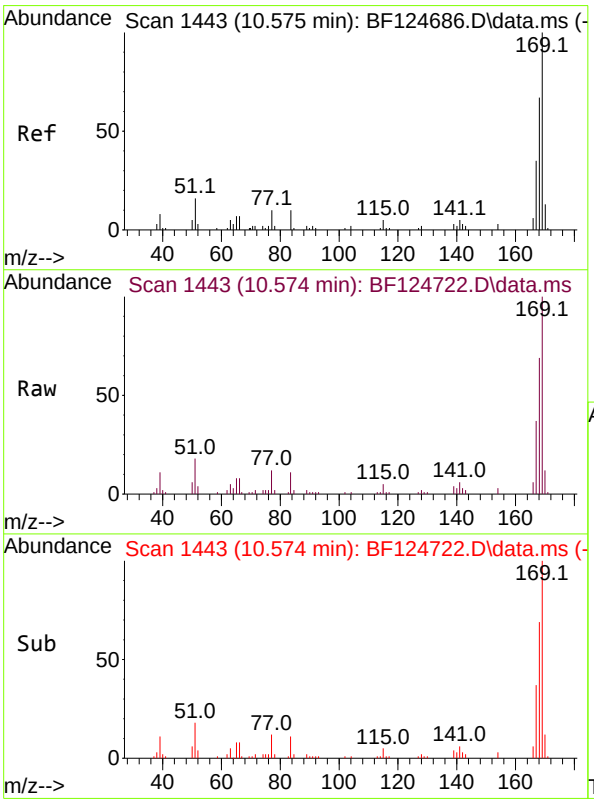


#65
4,6-Dinitro-2-methylphenol
Concen: 48.16 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:198 Resp: 8404

Ion	Ratio	Lower	Upper
198	100		
51	50.2	45.3	85.3
105	44.9	30.6	70.6

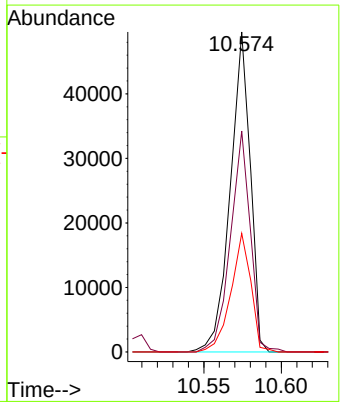




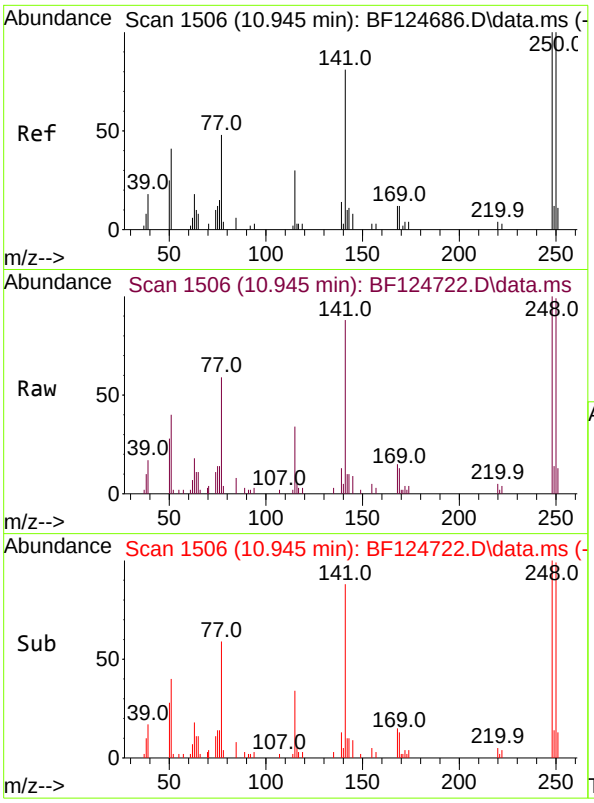
#66
n-Nitrosodiphenylamine
Concen: 51.01 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:169 Resp: 44544

Ion	Ratio	Lower	Upper
169	100		
168	69.1	50.8	76.2
167	37.0	28.8	43.2



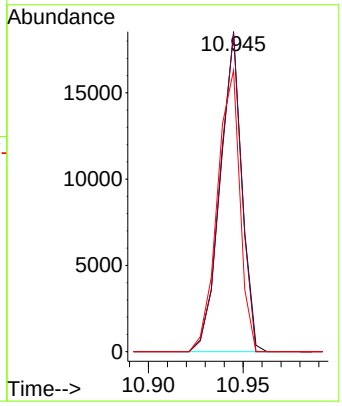
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

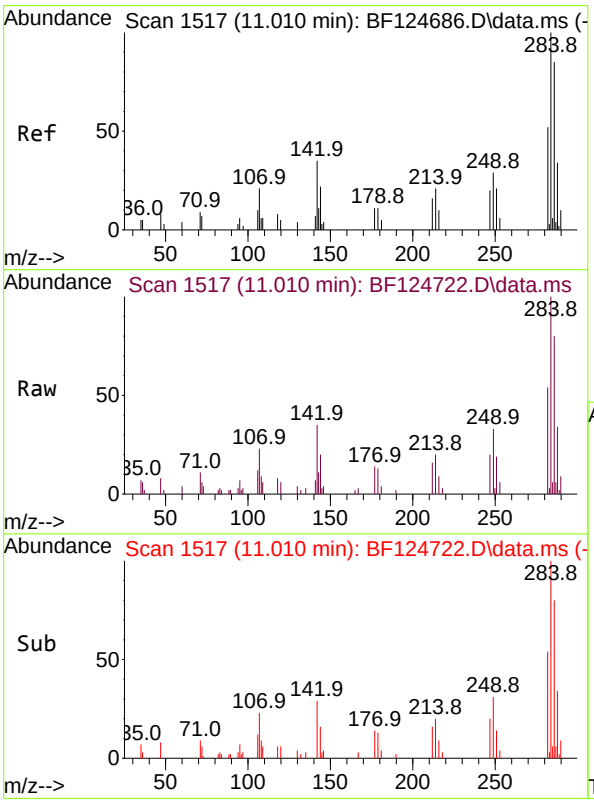


#67
4-Bromophenyl-phenylether
Concen: 51.63 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:248 Resp: 14755

Ion	Ratio	Lower	Upper
248	100		
250	99.4	74.2	111.4
141	88.0	60.4	90.6

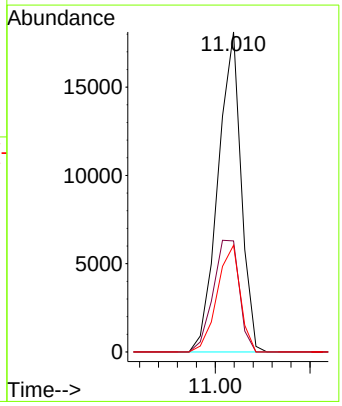




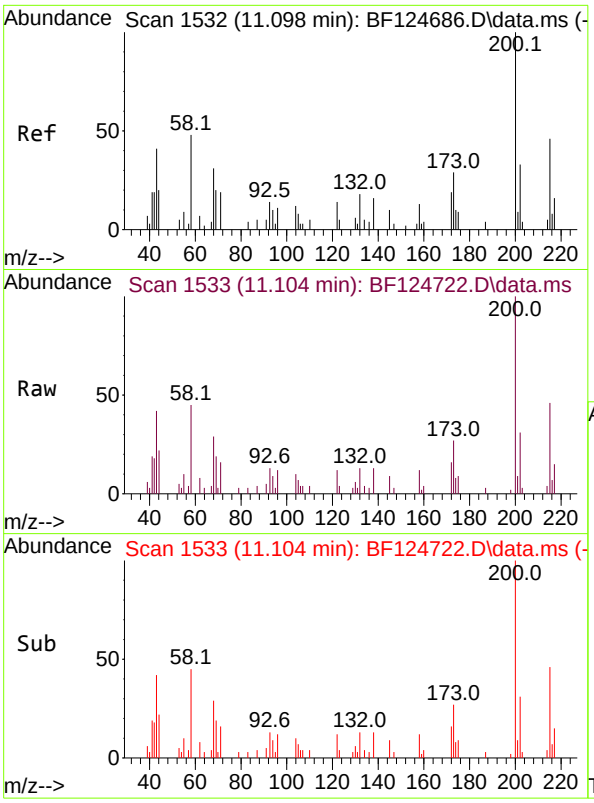
#68
Hexachlorobenzene
Concen: 51.73 ng
RT: 11.010 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:284 Resp: 15353

Ion	Ratio	Lower	Upper
284	100		
142	34.7	36.4	54.6#
249	33.4	25.6	38.4



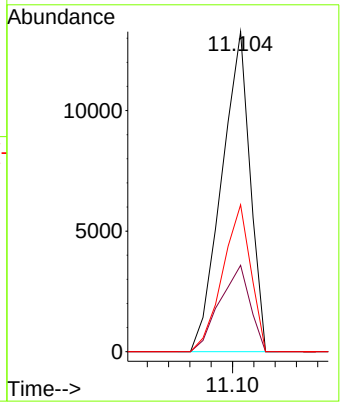
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

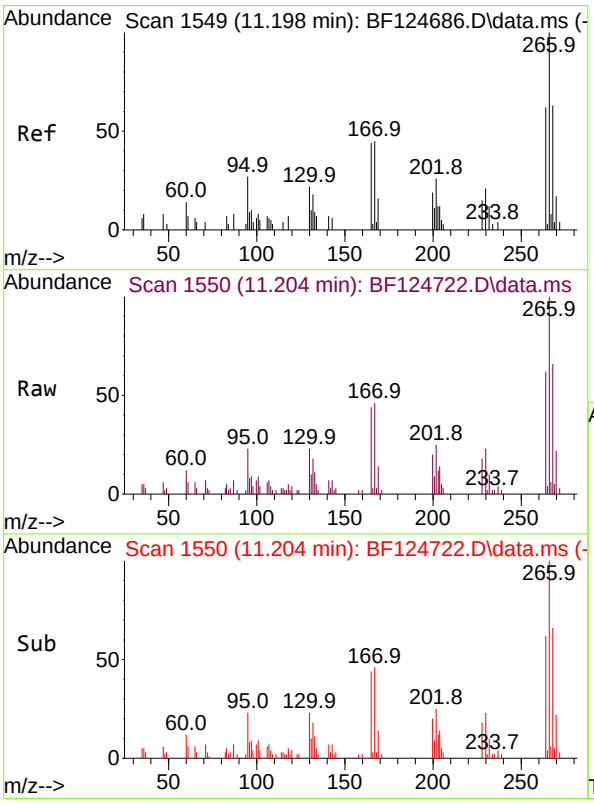


#69
Atrazine
Concen: 46.36 ng
RT: 11.104 min Scan# 1533
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:200 Resp: 12309

Ion	Ratio	Lower	Upper
200	100		
173	27.0	11.1	51.1
215	45.9	22.7	62.7

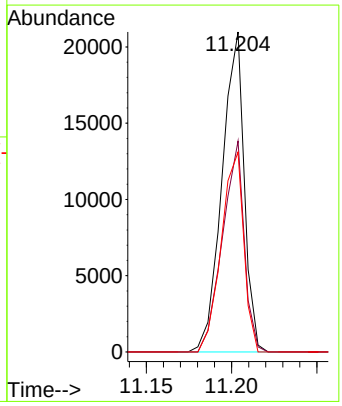




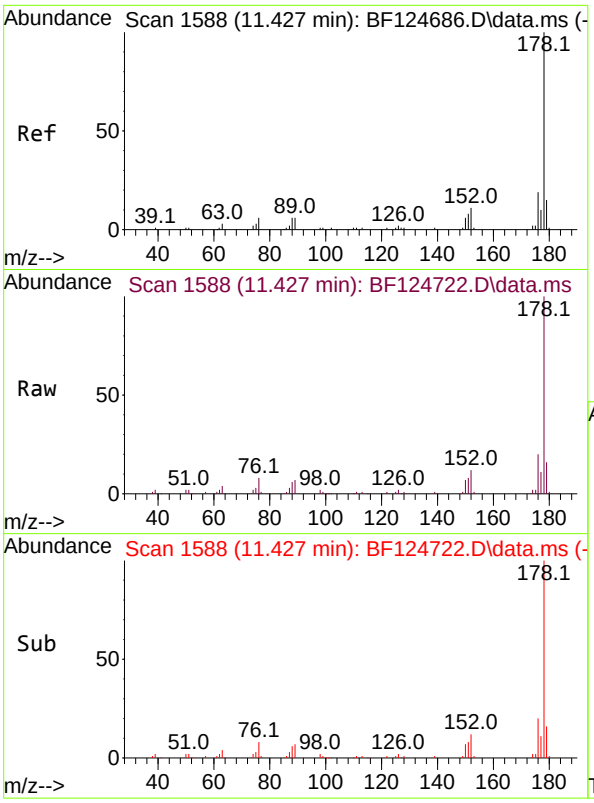
#70
Pentachlorophenol
Concen: 102.80 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:266 Resp: 18974

Ion	Ratio	Lower	Upper
266	100		
268	65.9	48.9	73.3
264	62.5	55.9	83.9



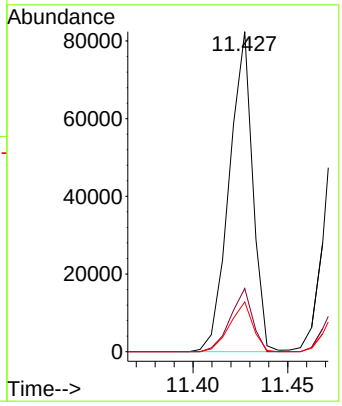
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

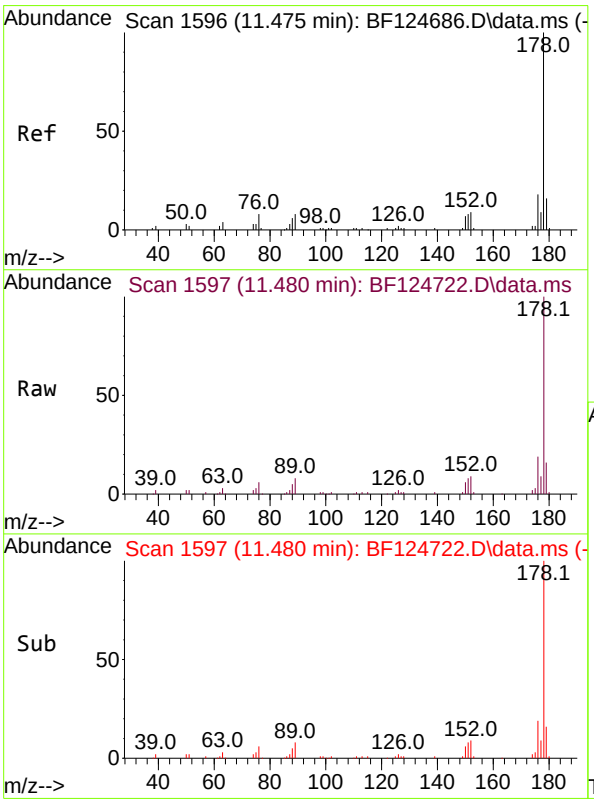


#71
Phenanthrene
Concen: 48.79 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:178 Resp: 70716

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.7	22.1
179	15.5	11.5	17.3

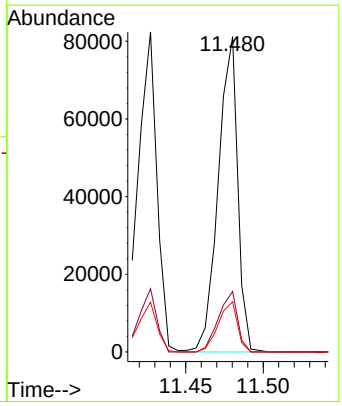




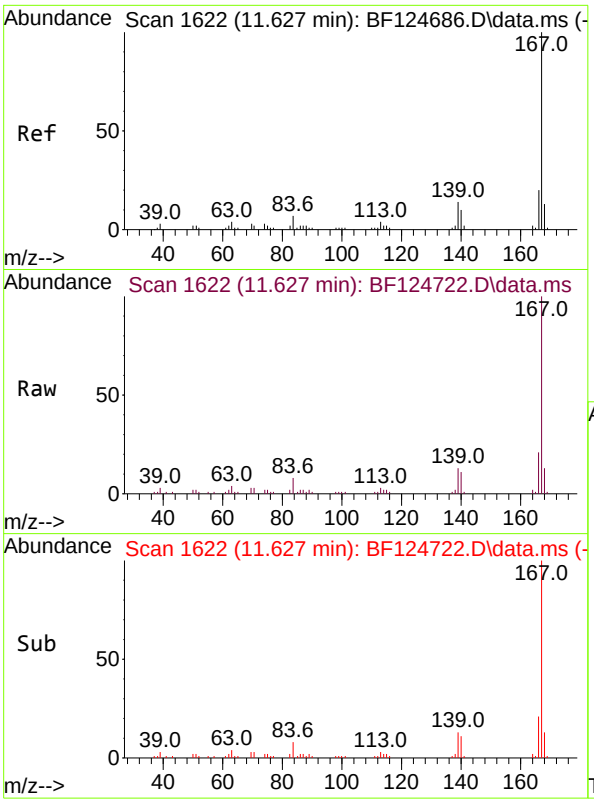
#72
Anthracene
Concen: 48.95 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:178 Resp: 70929

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.3	21.5
179	16.0	12.2	18.4



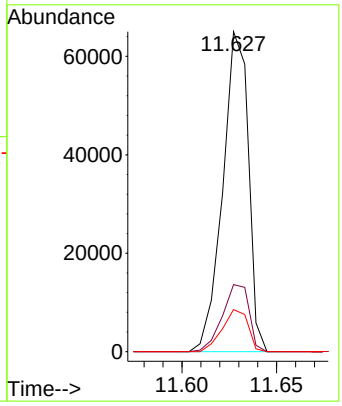
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

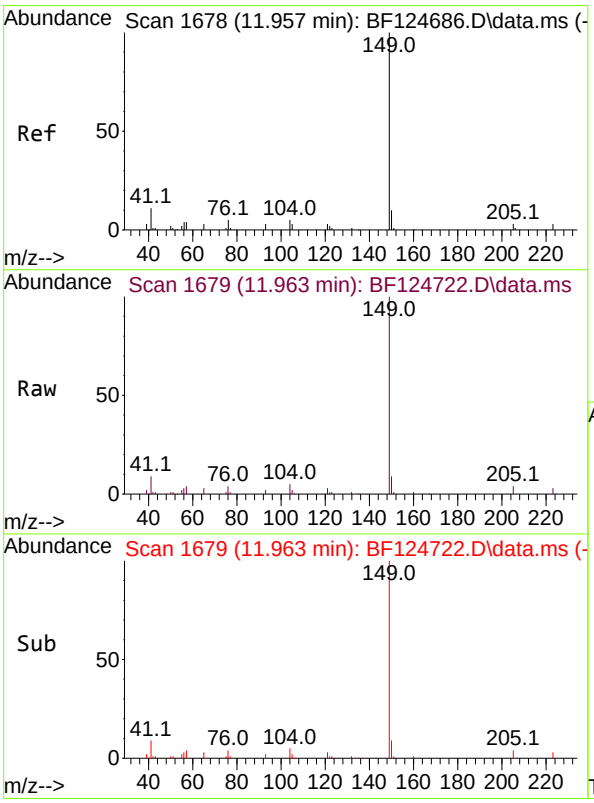


#73
Carbazole
Concen: 45.03 ng
RT: 11.627 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:167 Resp: 61164

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	13.2	11.0	16.4

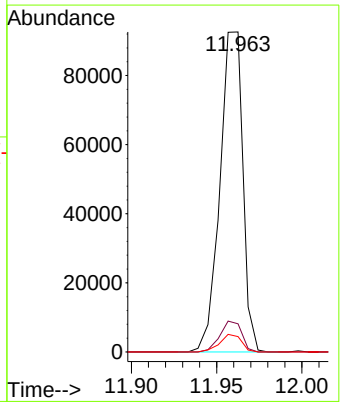




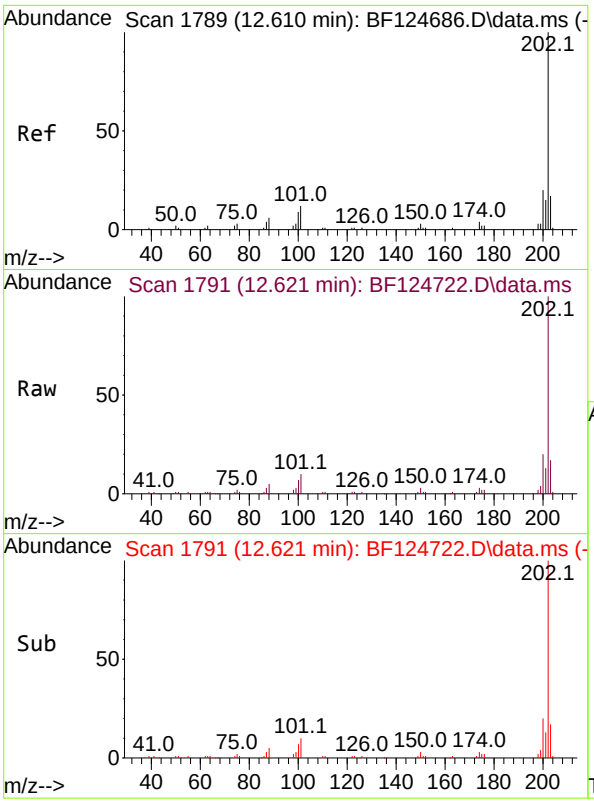
#74
Di-n-butylphthalate
Concen: 47.95 ng
RT: 11.963 min Scan# 1679
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:149 Resp: 86753

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.2
104	4.8	4.1	6.1



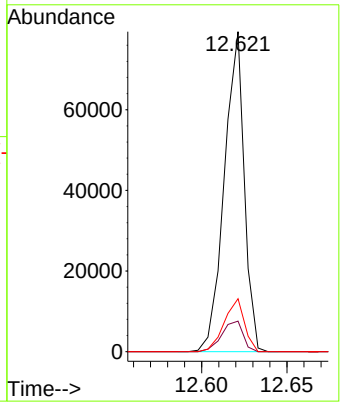
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

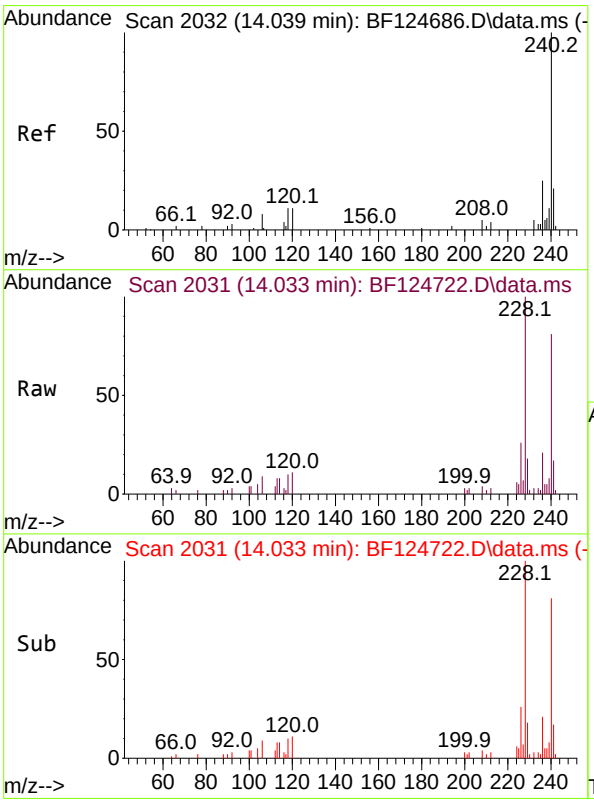


#75
Fluoranthene
Concen: 43.55 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.012 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:202 Resp: 64408

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.7
203	16.5	0.0	36.3

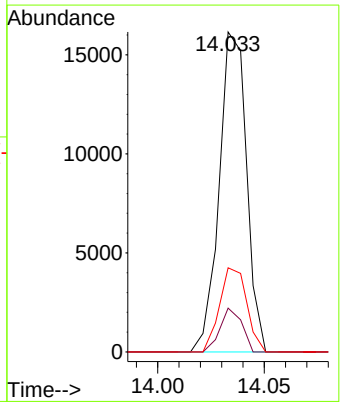




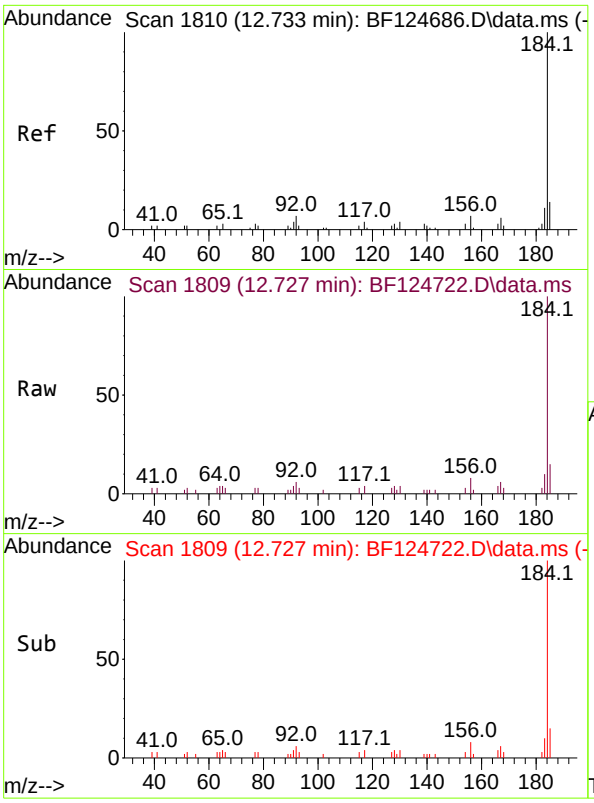
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:240 Resp: 14412

Ion	Ratio	Lower	Upper
240	100		
120	13.7	10.8	16.2
236	26.3	21.6	32.4



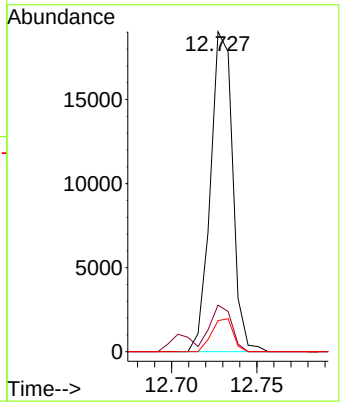
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

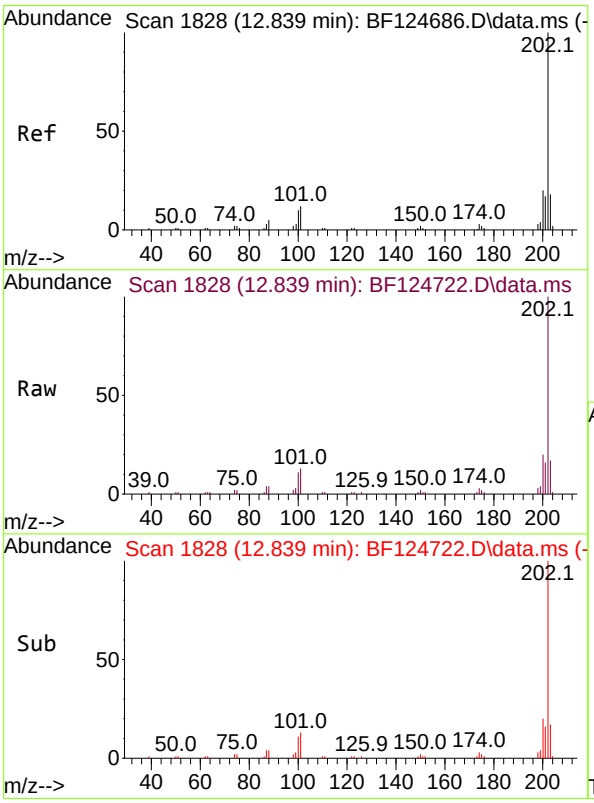


#77
Benzidine
Concen: 42.45 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:184 Resp: 17250

Ion	Ratio	Lower	Upper
184	100		
185	14.5	10.8	16.2
183	9.7	8.1	12.1

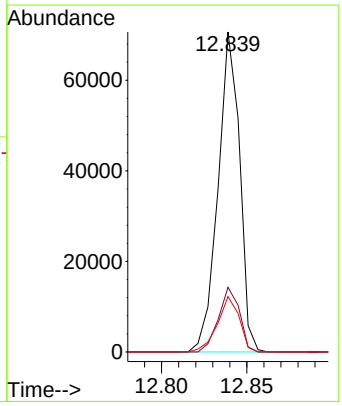




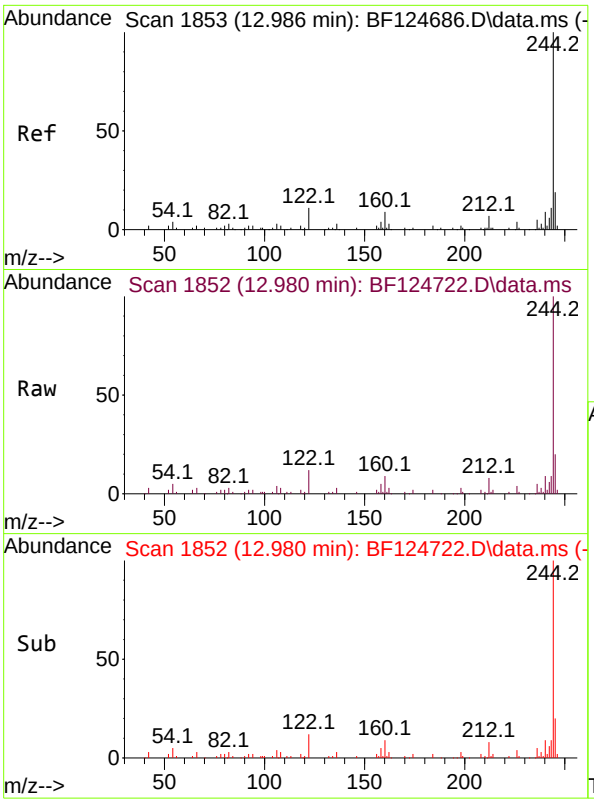
#78
Pyrene
Concen: 54.59 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:202 Resp: 62288

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.3	22.9
203	17.3	13.4	20.0



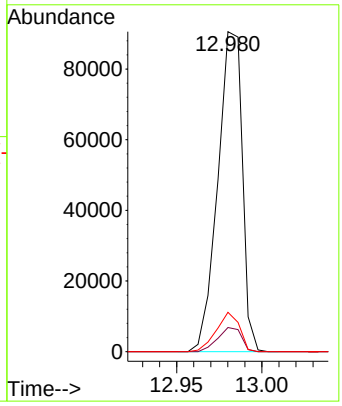
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

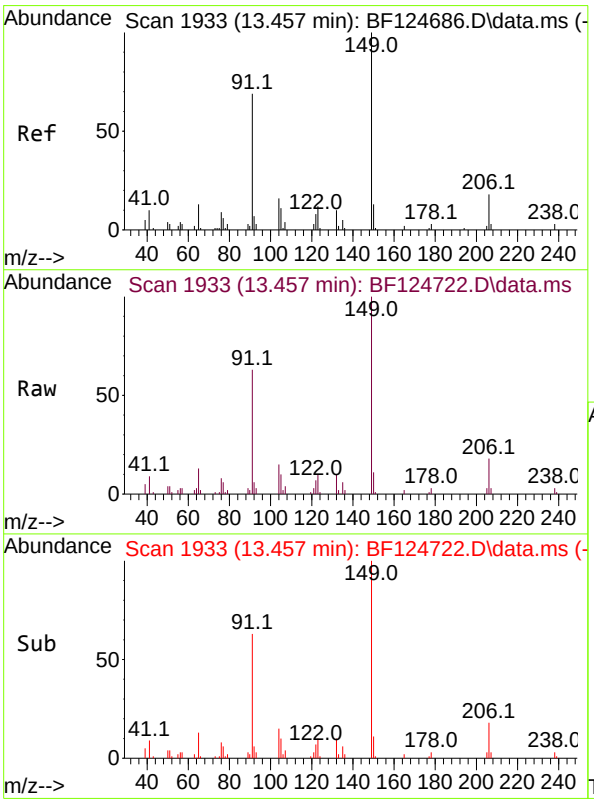


#79
Terphenyl-d14
Concen: 107.75 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:244 Resp: 90594

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	12.3	9.0	13.4

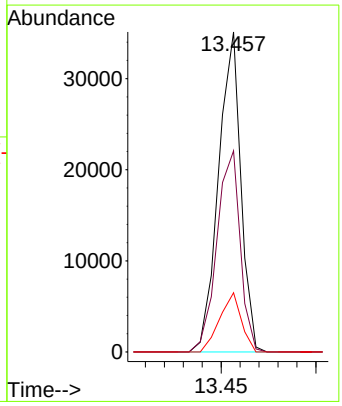




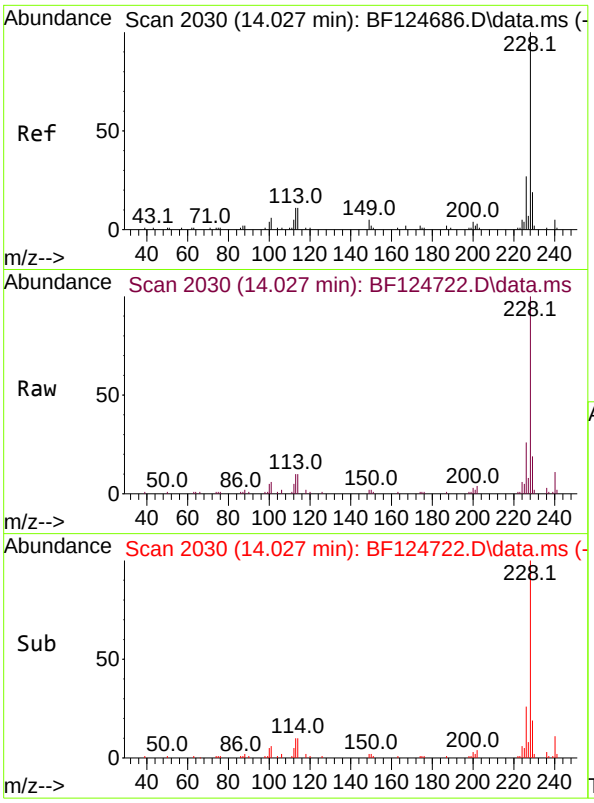
#80
Butylbenzylphthalate
Concen: 52.66 ng
RT: 13.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:149 Resp: 28776

Ion	Ratio	Lower	Upper
149	100		
91	62.9	51.8	77.8
206	18.5	14.5	21.7



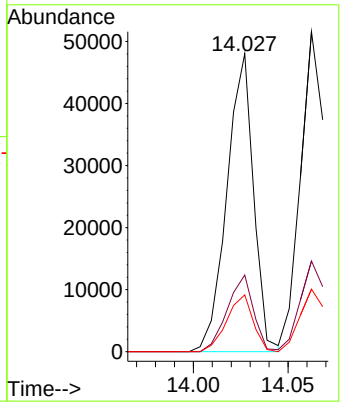
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

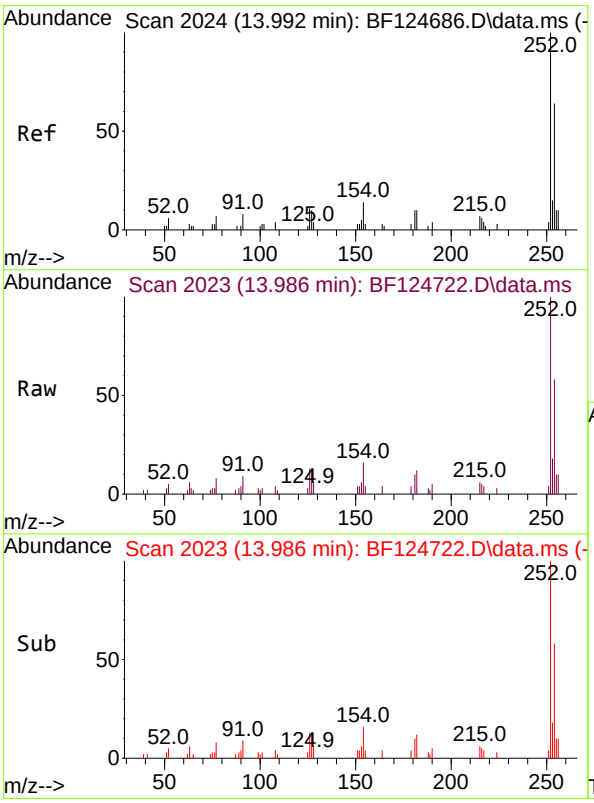


#81
Benzo(a)anthracene
Concen: 49.88 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:228 Resp: 46990

Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.6	32.4
229	19.0	15.6	23.4

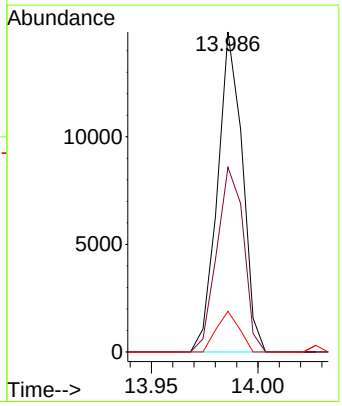




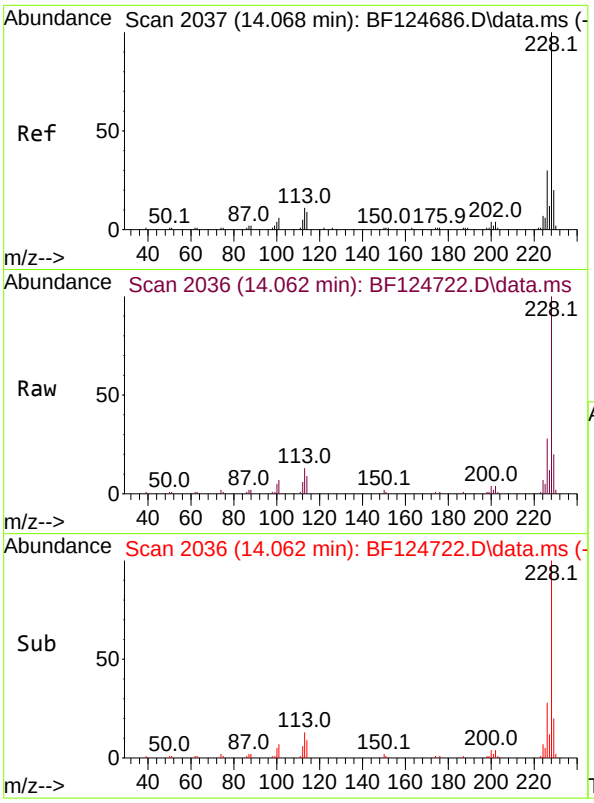
#82
3,3'-Dichlorobenzidine
Concen: 46.13 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:252 Resp: 12060

Ion	Ratio	Lower	Upper
252	100		
254	57.7	51.4	77.0
126	12.7	9.5	14.3



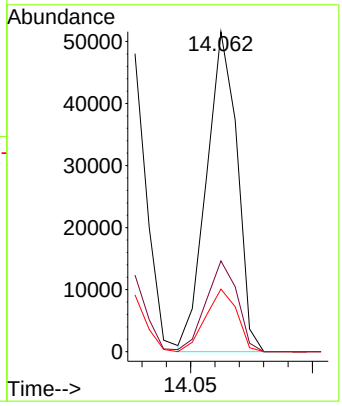
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

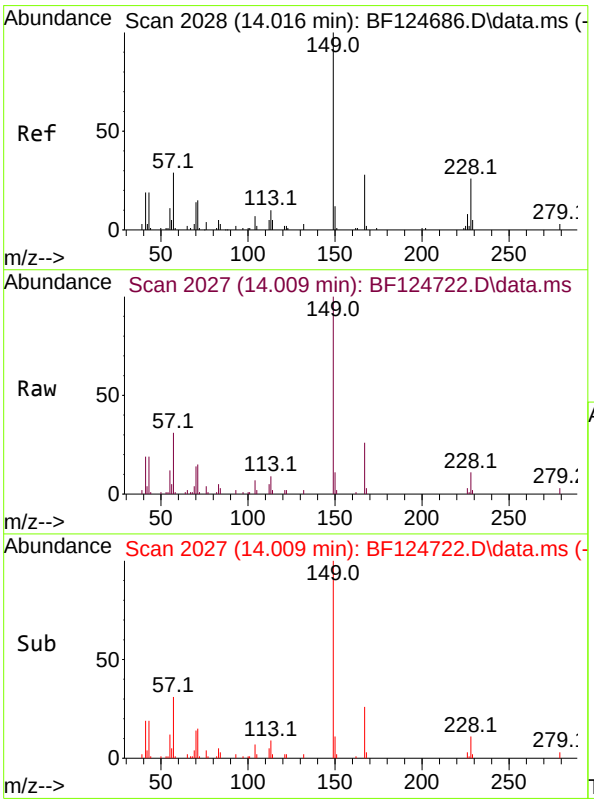


#83
Chrysene
Concen: 49.65 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:228 Resp: 45059

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	19.5	15.9	23.9

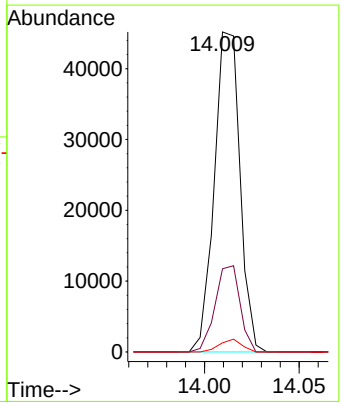




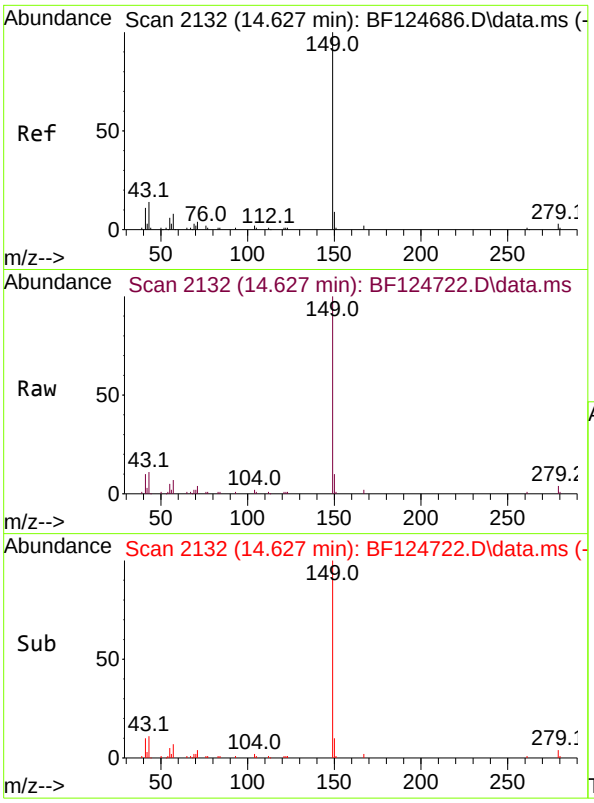
#84
Bis(2-ethylhexyl)phthalate
Concen: 52.97 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:149 Resp: 42636

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.4	32.0
279	2.8	2.6	4.0



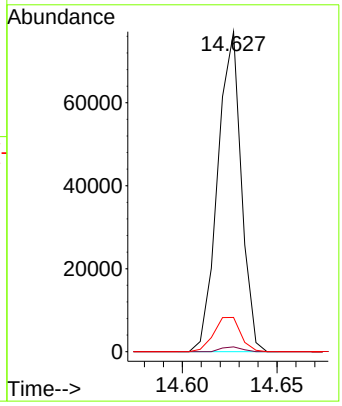
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

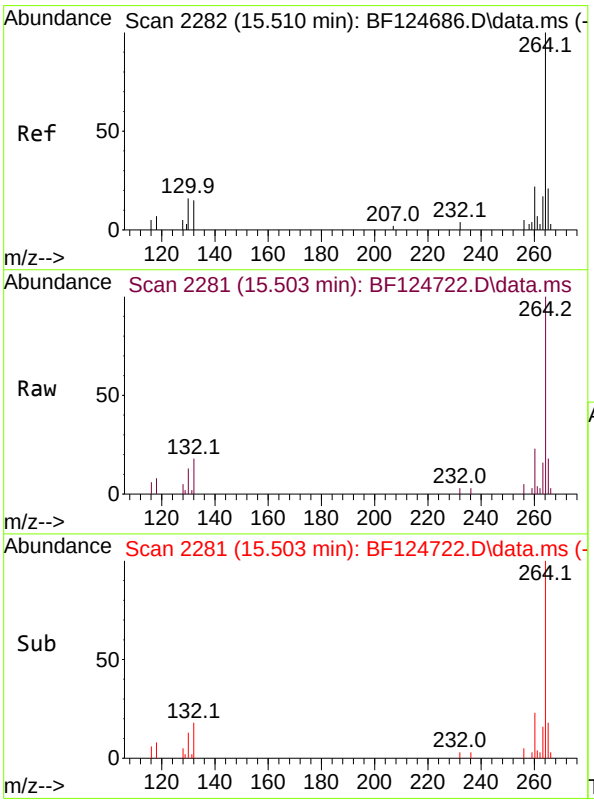


#85
Di-n-octyl phthalate
Concen: 51.12 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:149 Resp: 66767

Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.0	1.6
43	12.2	9.9	14.9

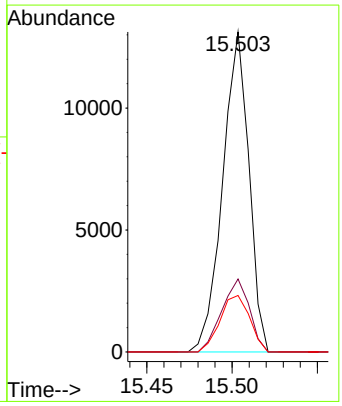


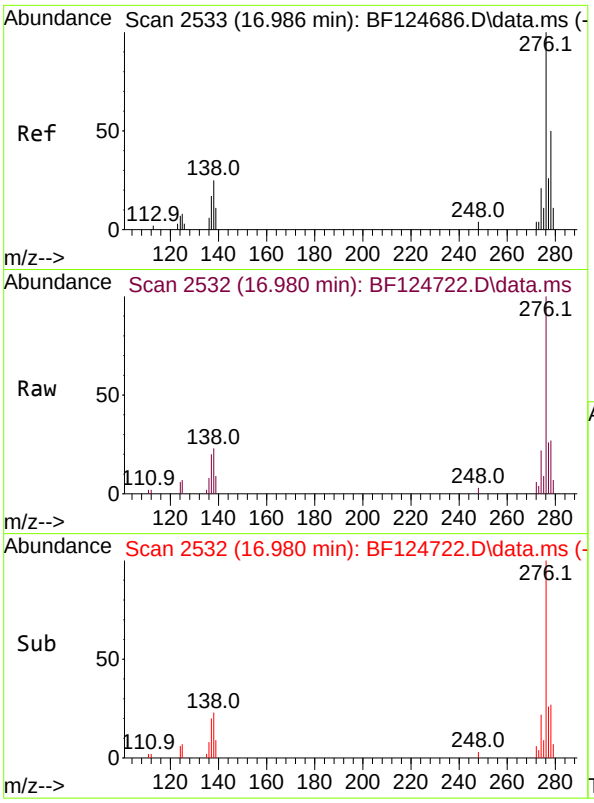


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.503 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:264 Resp: 14018

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	17.7	17.2	25.8

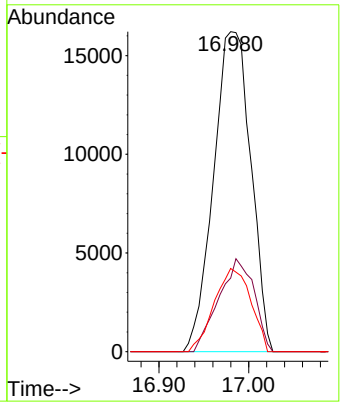




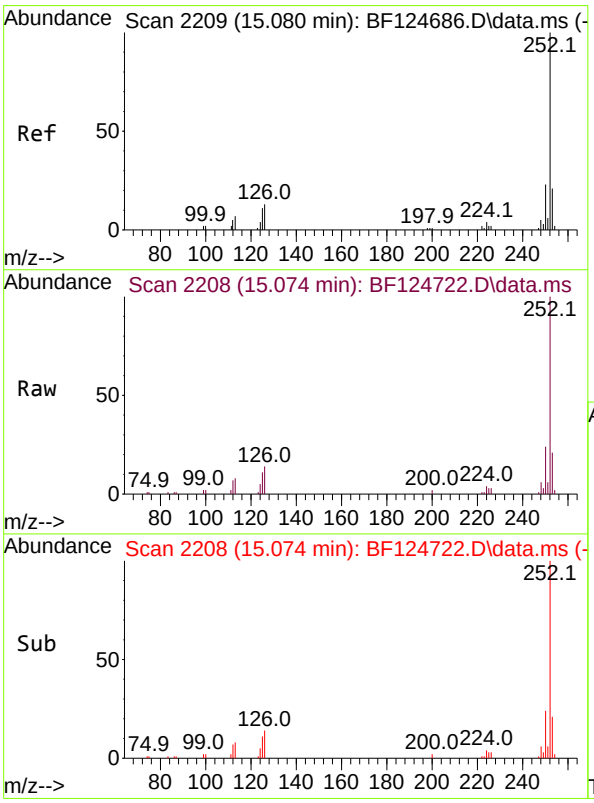
#87
Indeno(1,2,3-cd)pyrene
Concen: 57.80 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:276 Resp: 46780

Ion	Ratio	Lower	Upper
276	100		
138	27.5	24.1	36.1
277	25.5	18.8	28.2



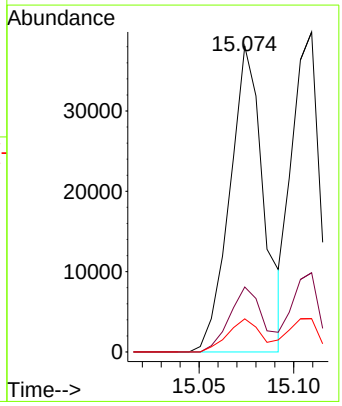
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



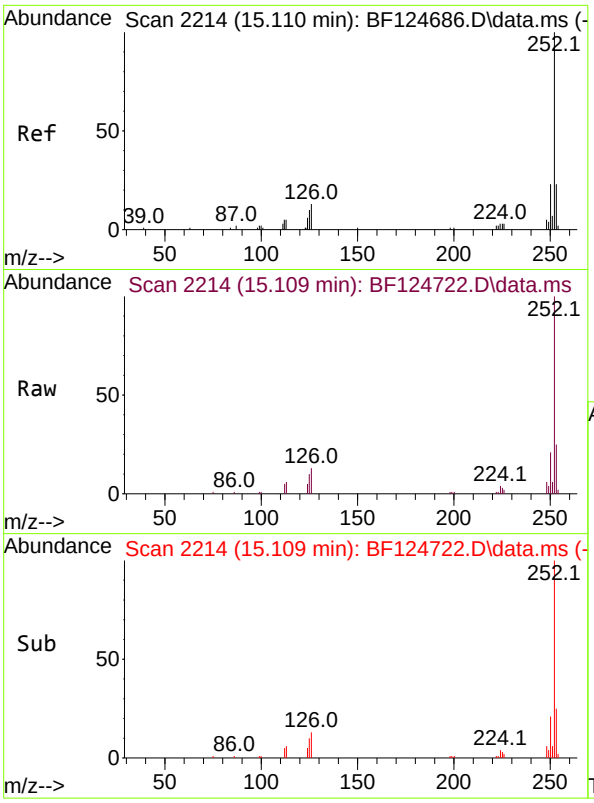
#88
Benzo(b)fluoranthene
Concen: 47.92 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:252 Resp: 47298

Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.8	25.2
125	10.8	9.8	14.8



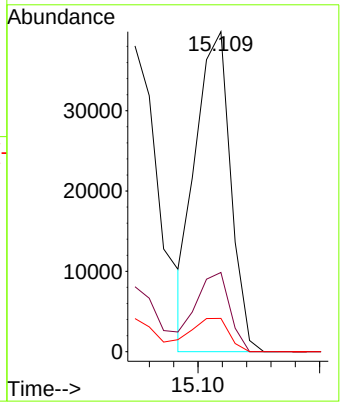
Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP

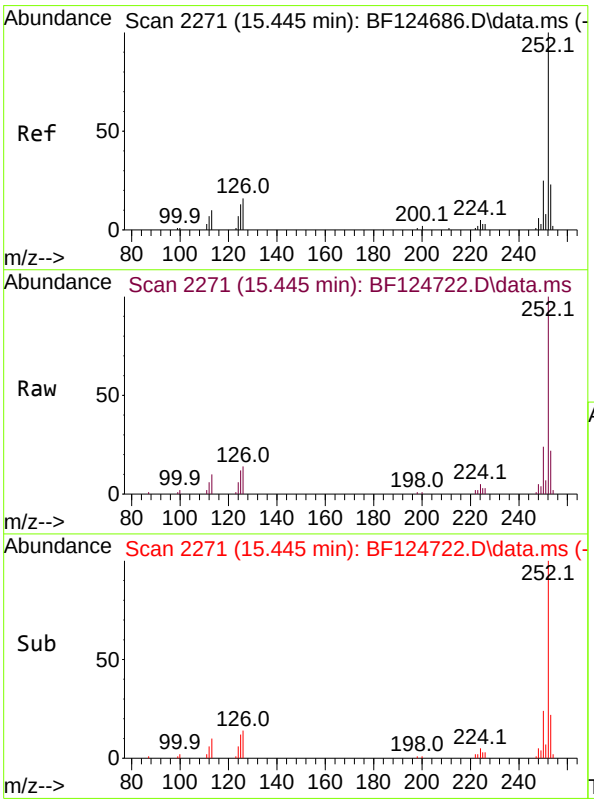


#89
Benzo(k)fluoranthene
Concen: 44.18 ng
RT: 15.109 min Scan# 2214
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:252 Resp: 39843

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	10.4	7.2	10.8

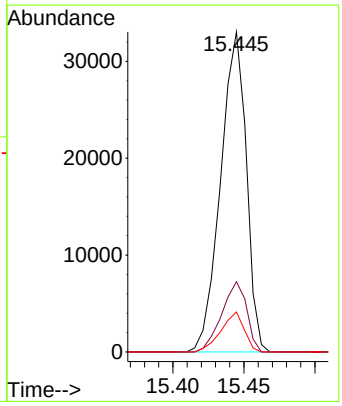


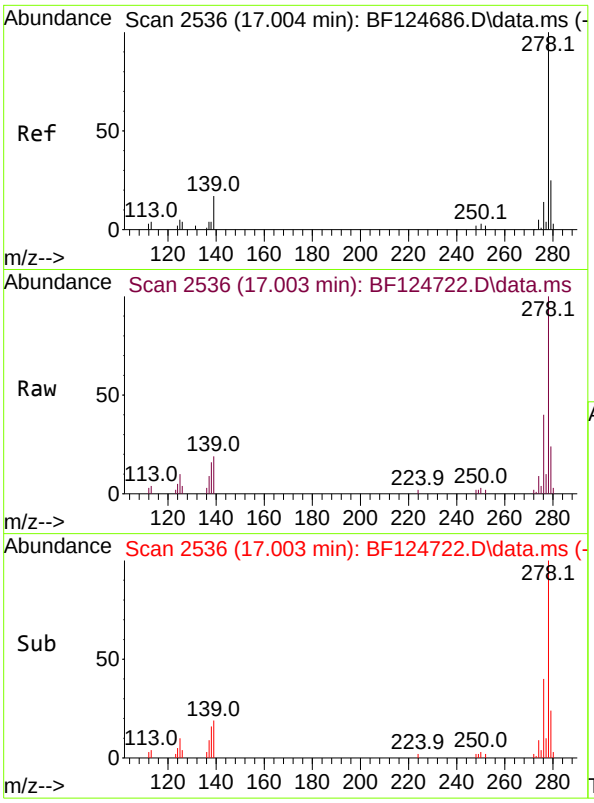


#90
Benzo(a)pyrene
Concen: 50.38 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:252 Resp: 41539

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	12.5	9.9	14.9

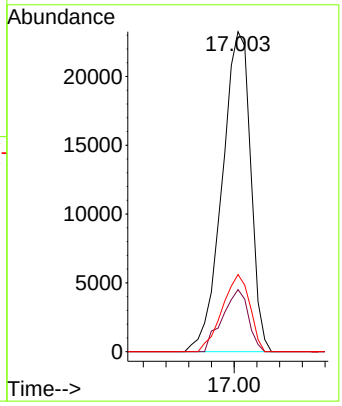




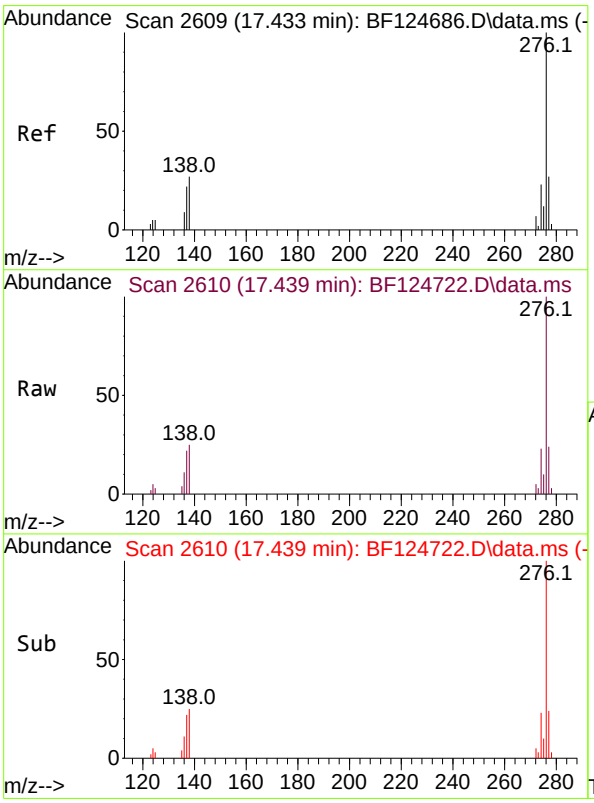
#91
Dibenzo(a,h)anthracene
Concen: 57.15 ng
RT: 17.003 min Scan# 2536
Delta R.T. -0.000 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:278 Resp: 40487

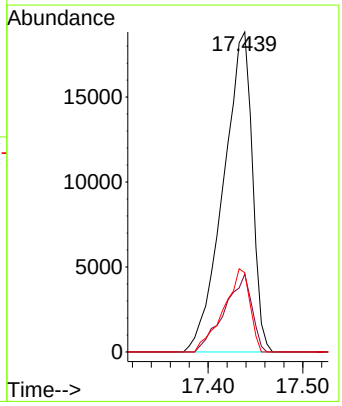
Ion	Ratio	Lower	Upper
278	100		
139	19.4	14.9	22.3
279	24.1	19.7	29.5



Instrument :
BNA_F
ClientSampleId :
20210594-AMENDED-COM-8-SPLP



#92
Benzo(g,h,i)perylene
Concen: 59.37 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.006 min
Lab File: BF124722.D
Acq: 23 Jul 2021 20:12

Tgt Ion:276 Resp: 39884

Ion	Ratio	Lower	Upper
276	100		
277	24.3	22.0	33.0
138	24.7	22.2	33.4