Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
Data File : BF133744.D
Acq On : 14 Jun 2023 10:29
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 14 19:05:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 16:27:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	111749	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	415257	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	180786	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	340537	20.000	ng		0.00
76) Chrysene-d12	14.010	240	158158	20.000	ng		0.00
86) Perylene-d12	15.468	264	191011	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	533442	83.103	ng		0.00
7) Phenol-d6	6.469	99	643151	76.974	ng		0.00
23) Nitrobenzene-d5	7.404	82	605833	79.463	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	167029	72.989	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1086044	85.395	ng		0.00
79) Terphenyl-d14	12.951	244	832657	81.463	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	101428	35.941	ng		98
3) Pyridine	3.304	79	283943	34.520	ng		94
4) n-Nitrosodimethylamine	3.257	42	164784	36.242	ng		95
6) Aniline	6.498	93	404849	38.470	ng		100
8) 2-Chlorophenol	6.622	128	265447	39.240	ng		95
9) Benzaldehyde	6.387	77	184755	33.329	ng		98
10) Phenol	6.481	94	340328	39.007	ng		98
11) bis(2-Chloroethyl)ether	6.575	93	251635	38.850	ng		99
12) 1,3-Dichlorobenzene	6.775	146	283984	39.291	ng		99
13) 1,4-Dichlorobenzene	6.851	146	282982	38.737	ng		99
14) 1,2-Dichlorobenzene	7.004	146	266052	40.306	ng		99
15) Benzyl Alcohol	6.975	79	257706	39.490	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	455228	41.461	ng		99
17) 2-Methylphenol	7.087	107	243096	40.544	ng		98
18) Hexachloroethane	7.345	117	105911	42.349	ng		99
19) n-Nitroso-di-n-propyla...	7.251	70	195704	36.813	ng		99
20) 3+4-Methylphenols	7.239	107	291845	37.417	ng		96
22) Acetophenone	7.245	105	358103	37.599	ng	#	96
24) Nitrobenzene	7.422	77	309546	40.322	ng		99
25) Isophorone	7.657	82	526899	37.644	ng		99
26) 2-Nitrophenol	7.734	139	147638	42.852	ng		99
27) 2,4-Dimethylphenol	7.769	122	234536	39.495	ng		98
28) bis(2-Chloroethoxy)met...	7.869	93	307621	38.026	ng		99
29) 2,4-Dichlorophenol	7.975	162	225481	38.742	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	236023	38.869	ng		97
31) Naphthalene	8.139	128	768025	37.962	ng		99
32) Benzoic acid	7.886	122	147171	39.296	ng		91
33) 4-Chloroaniline	8.186	127	334182	38.632	ng		99
34) Hexachlorobutadiene	8.251	225	149277	37.548	ng		98
35) Caprolactam	8.563	113	72468	37.003	ng		92
36) 4-Chloro-3-methylphenol	8.669	107	251010	37.416	ng		99
37) 2-Methylnaphthalene	8.833	142	539618	38.388	ng		99
38) 1-Methylnaphthalene	8.928	142	498332	38.525	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	235052	42.768	ng		98
41) Hexachlorocyclopentadiene	8.981	237	123475	50.414	ng		98
43) 2,4,6-Trichlorophenol	9.110	196	162686	44.296	ng		96

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
Data File : BF133744.D
Acq On : 14 Jun 2023 10:29
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 14 19:05:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 16:27:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	189899	44.444	ng		96
46) 1,1'-Biphenyl	9.298	154	625531	42.901	ng		99
47) 2-Chloronaphthalene	9.322	162	457139	43.708	ng		99
48) 2-Nitroaniline	9.416	65	153541	40.140	ng		97
49) Acenaphthylene	9.739	152	704497	38.701	ng		99
50) Dimethylphthalate	9.598	163	499751	37.034	ng		99
51) 2,6-Dinitrotoluene	9.663	165	110891	39.813	ng		96
52) Acenaphthene	9.910	154	411776	38.645	ng		99
53) 3-Nitroaniline	9.828	138	130171	38.404	ng		89
54) 2,4-Dinitrophenol	9.933	184	60076	46.701	ng		87
55) Dibenzofuran	10.080	168	632992	38.932	ng		98
56) 4-Nitrophenol	9.986	139	93726	40.972	ng	#	80
57) 2,4-Dinitrotoluene	10.063	165	144024	40.657	ng		97
58) Fluorene	10.428	166	488538	39.291	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	129643	40.527	ng		98
60) Diethylphthalate	10.298	149	507730	36.969	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	229560	37.399	ng		98
62) 4-Nitroaniline	10.445	138	125741	37.835	ng		95
63) Azobenzene	10.575	77	497363	38.254	ng		98
65) 4,6-Dinitro-2-methylph...	10.475	198	78061	47.971	ng		92
66) n-Nitrosodiphenylamine	10.533	169	425824	37.227	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	141678	37.275	ng		99
68) Hexachlorobenzene	10.969	284	152268	38.097	ng		97
69) Atrazine	11.063	200	117792	35.491	ng		98
70) Pentachlorophenol	11.163	266	96673	40.392	ng		97
71) Phenanthrene	11.386	178	662686	38.356	ng		100
72) Anthracene	11.439	178	681718	37.842	ng		100
73) Carbazole	11.598	167	624092	37.196	ng		98
74) Di-n-butylphthalate	11.922	149	707071	32.872	ng		99
75) Fluoranthene	12.580	202	667592	36.387	ng		99
77) Benzidine	12.698	184	198377	37.379	ng		98
78) Pyrene	12.810	202	664290	45.089	ng		99
80) Butylbenzylphthalate	13.427	149	205614	33.058	ng		96
81) Benzo(a)anthracene	13.998	228	426349	38.972	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	132566	36.449	ng		97
83) Chrysene	14.033	228	403476	38.994	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	220454	28.786	ng		100
85) Di-n-octyl phthalate	14.598	149	340212	31.261	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	565278	43.016	ng		98
88) Benzo(b)fluoranthene	15.045	252	406957	35.073	ng		99
89) Benzo(k)fluoranthene	15.074	252	395070	34.953	ng		98
90) Benzo(a)pyrene	15.410	252	398895	37.043	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	471166	43.308	ng		99
92) Benzo(g,h,i)perylene	17.380	276	501468	46.490	ng		97

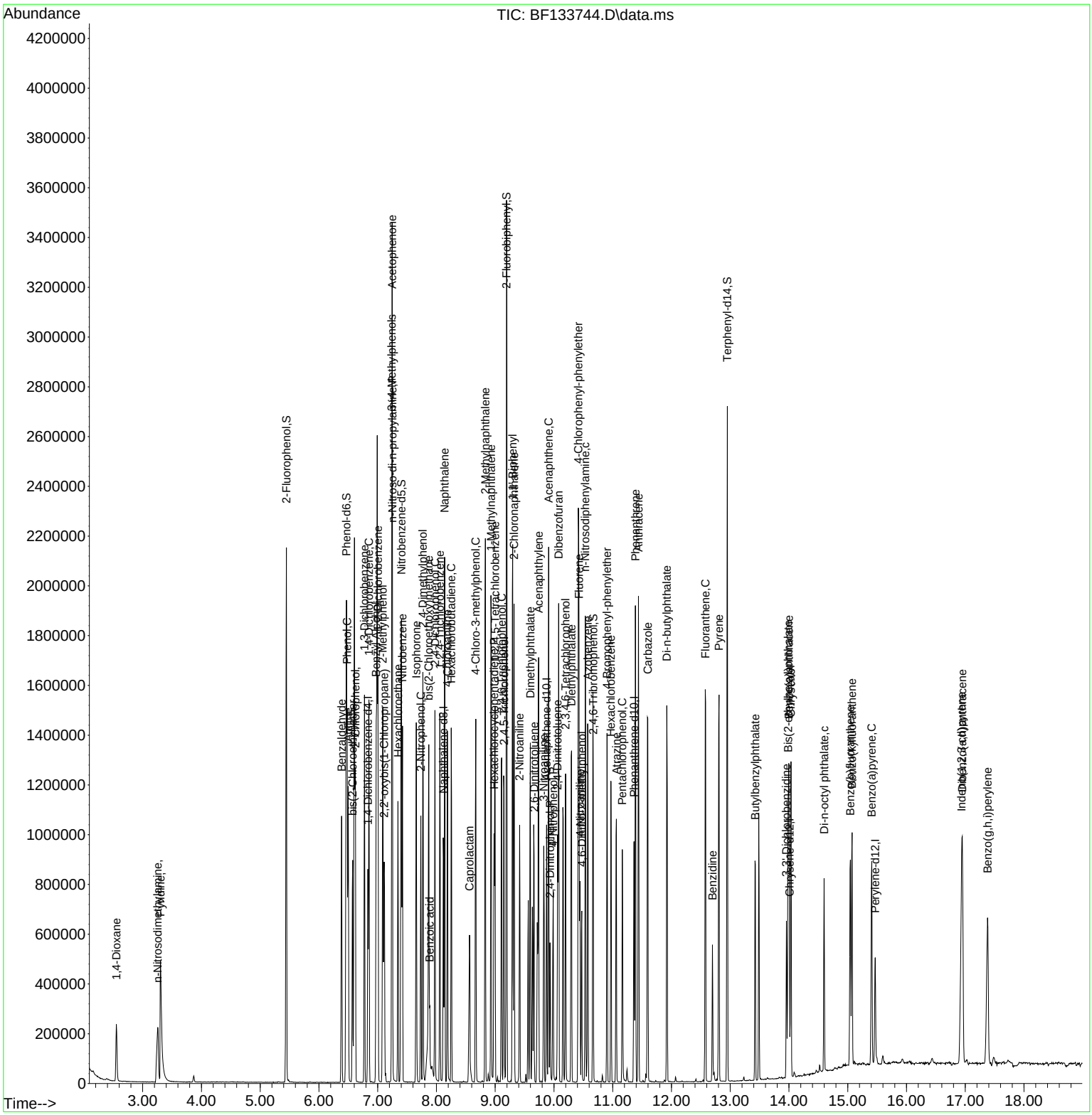
(#) = qualifier out of range (m) = manual integration (+) = signals summed

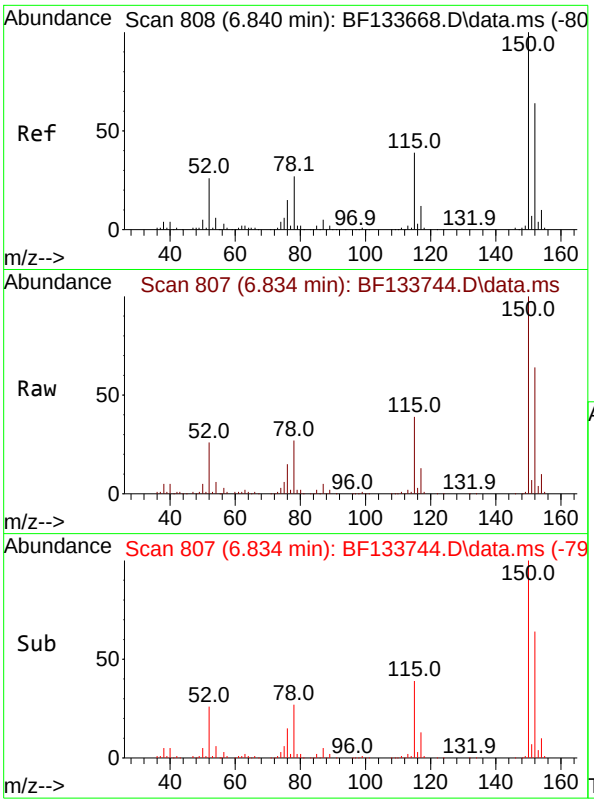
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
Data File : BF133744.D
Acq On : 14 Jun 2023 10:29
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 14 19:05:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 16:27:59 2023
Response via : Initial Calibration



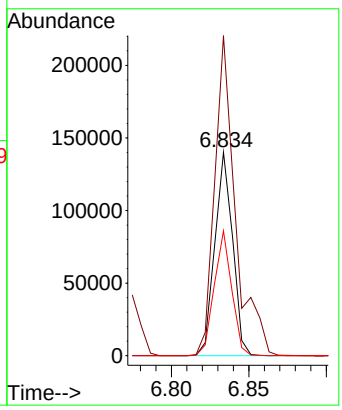


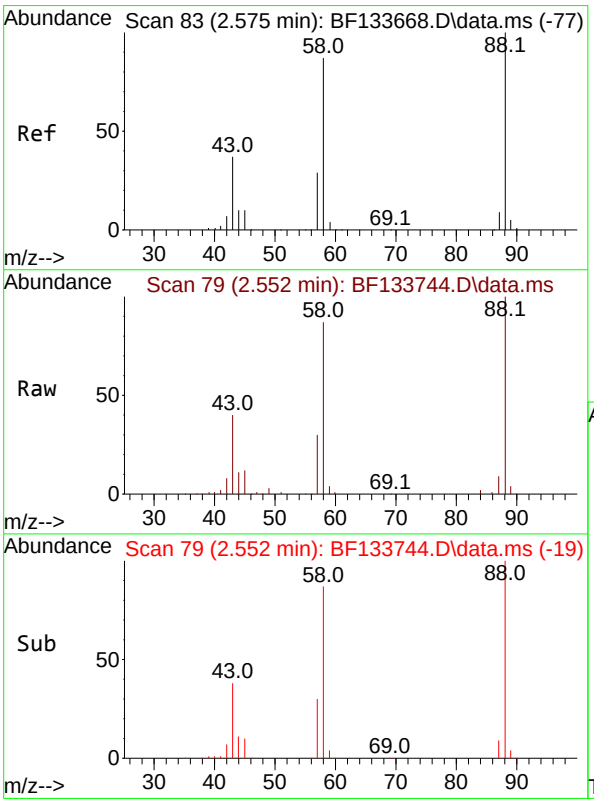
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 111749

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.3	186.5
115	61.3	48.5	72.7

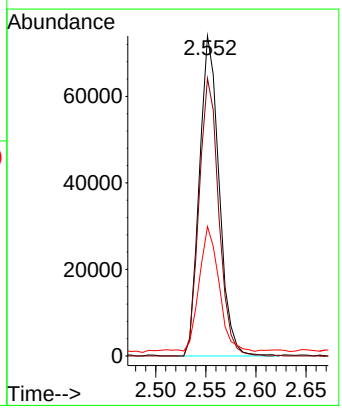


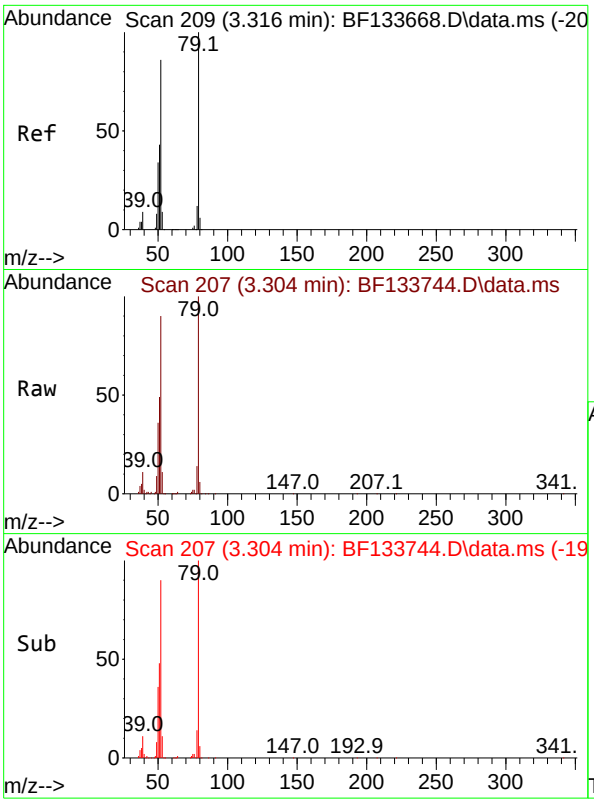


#2
1,4-Dioxane
Concen: 35.941 ng
RT: 2.552 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion: 88 Resp: 101428

Ion	Ratio	Lower	Upper
88	100		
58	86.3	67.8	101.6
43	39.5	29.8	44.6



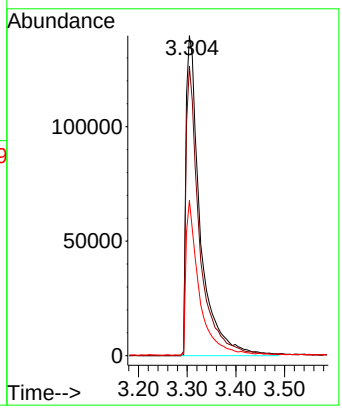


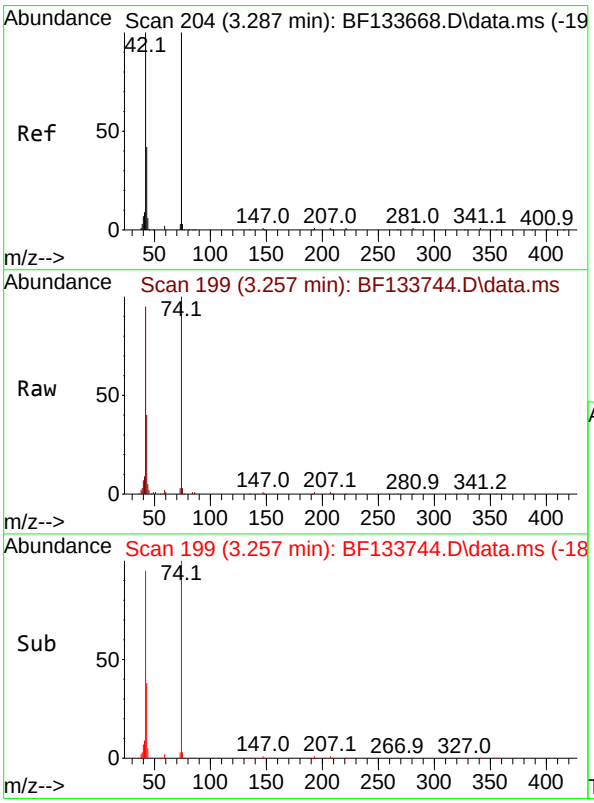
#3
Pyridine
Concen: 34.520 ng
RT: 3.304 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 283943

Ion	Ratio	Lower	Upper
79	100		
52	90.5	68.6	102.8
51	48.5	34.8	52.2

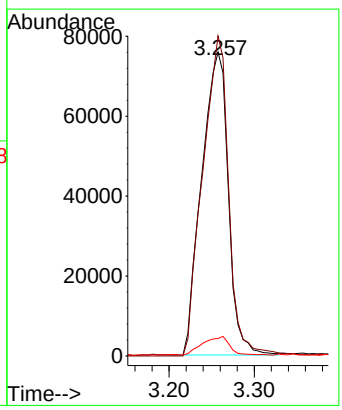


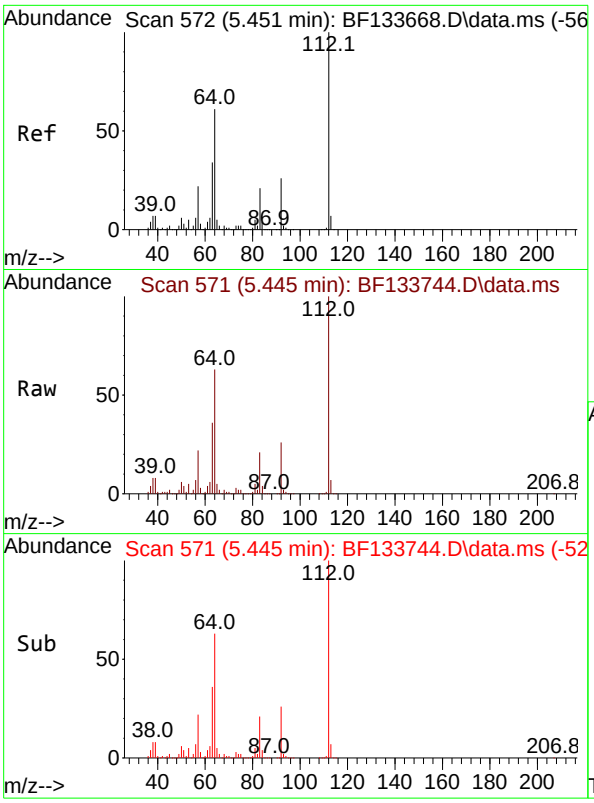


#4
n-Nitrosodimethylamine
Concen: 36.242 ng
RT: 3.257 min Scan# 199
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion: 42 Resp: 164784

Ion	Ratio	Lower	Upper
42	100		
74	105.2	79.8	119.8
44	5.7	4.7	7.1



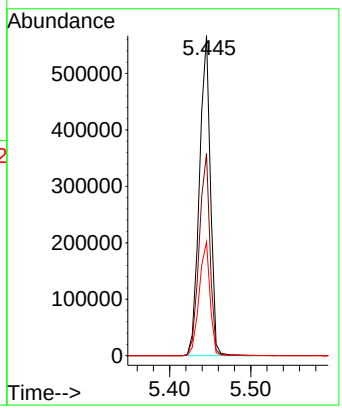


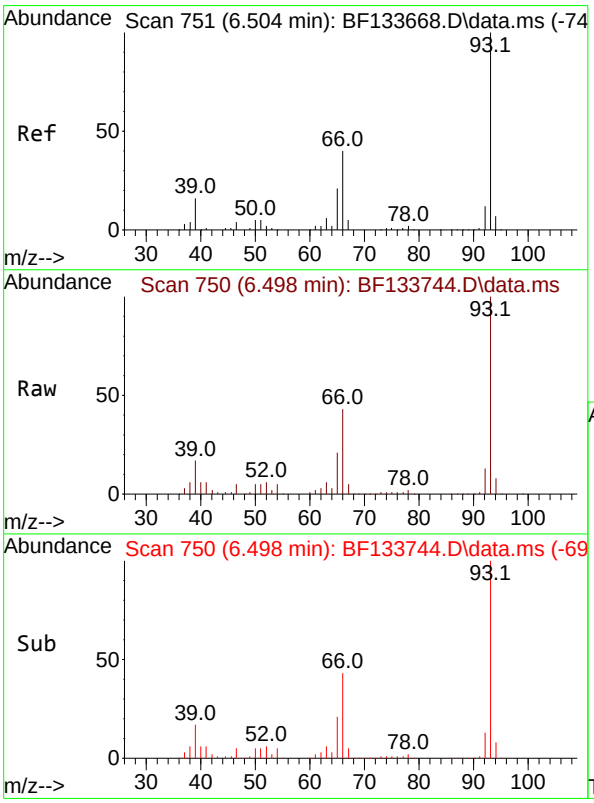
#5
2-Fluorophenol
Concen: 83.103 ng
RT: 5.445 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 533442

Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.0	73.4
63	35.6	26.8	40.2

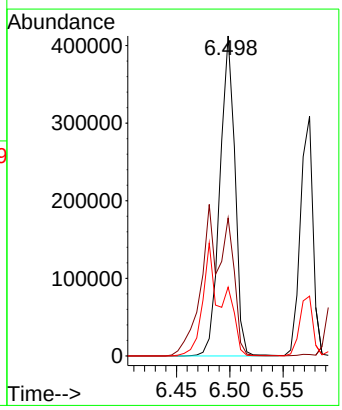


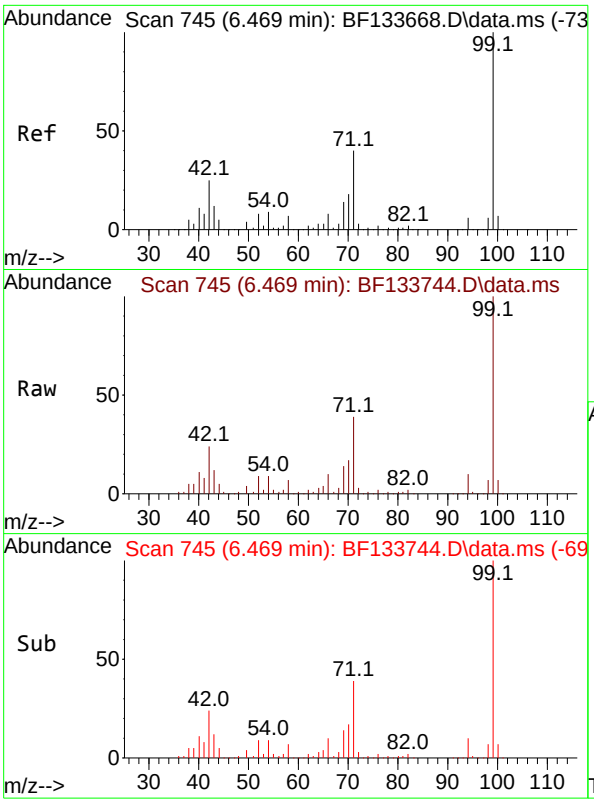


#6
Aniline
Concen: 38.470 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion: 93 Resp: 404849

Ion	Ratio	Lower	Upper
93	100		
66	43.1	34.4	51.6
65	21.5	17.5	26.3



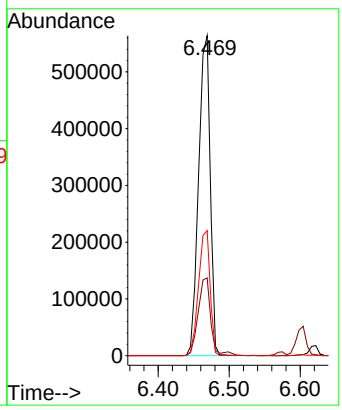


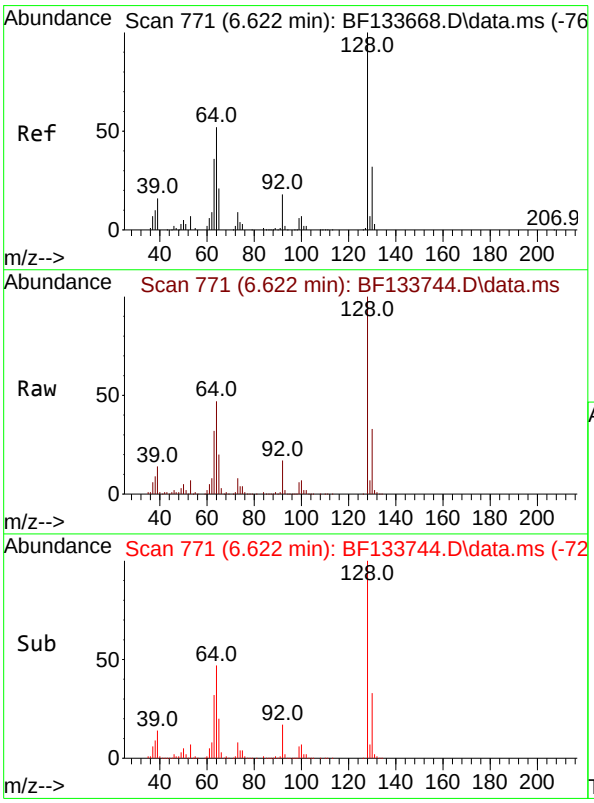
#7
Phenol-d6
Concen: 76.974 ng
RT: 6.469 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 643151

Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.9	29.9
71	39.1	32.2	48.4

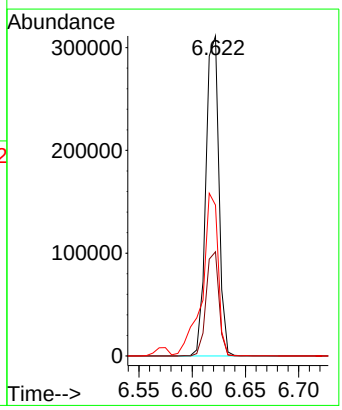


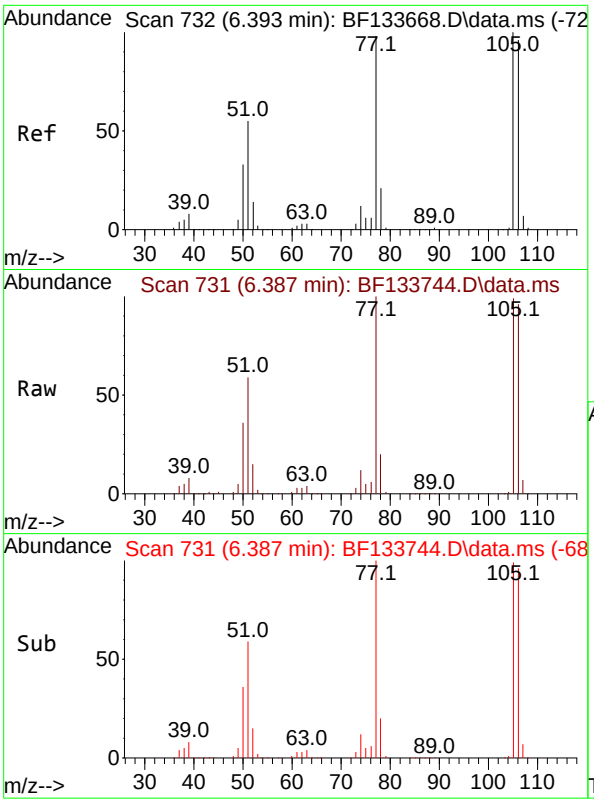


#8
2-Chlorophenol
Concen: 39.240 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:128 Resp: 265447

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	47.2	33.1	73.1



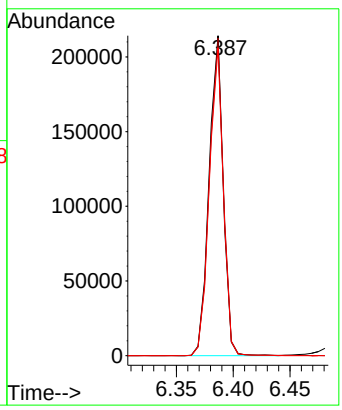


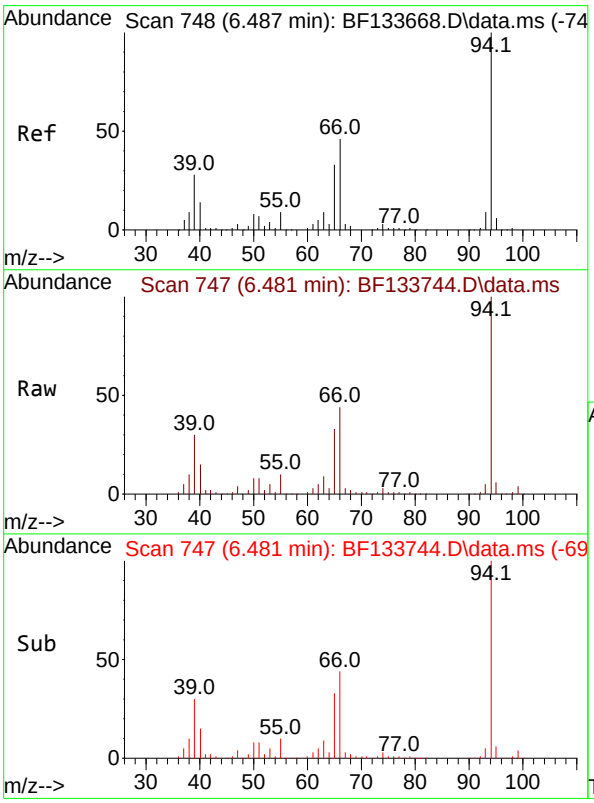
#9
Benzaldehyde
Concen: 33.329 ng
RT: 6.387 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 184755

Ion	Ratio	Lower	Upper
77	100		
105	99.3	82.0	122.0
106	96.3	77.6	117.6

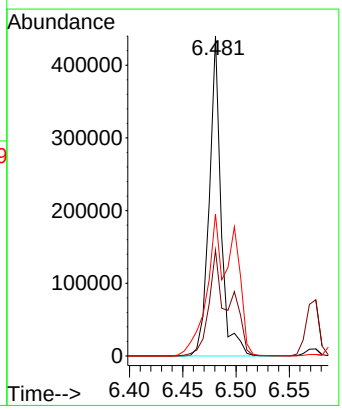


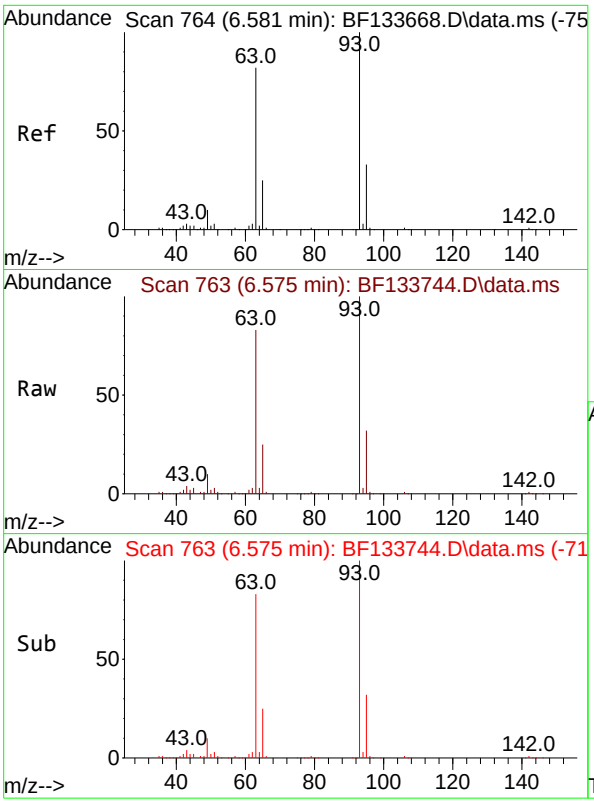


#10
Phenol
Concen: 39.007 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion: 94 Resp: 340328

Ion	Ratio	Lower	Upper
94	100		
65	33.1	13.2	53.2
66	44.4	26.1	66.1



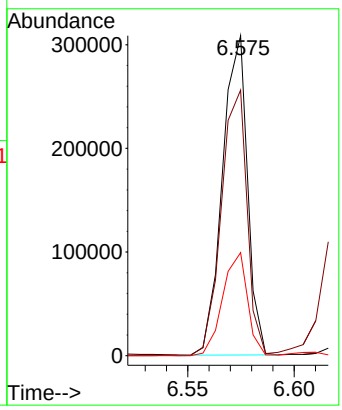


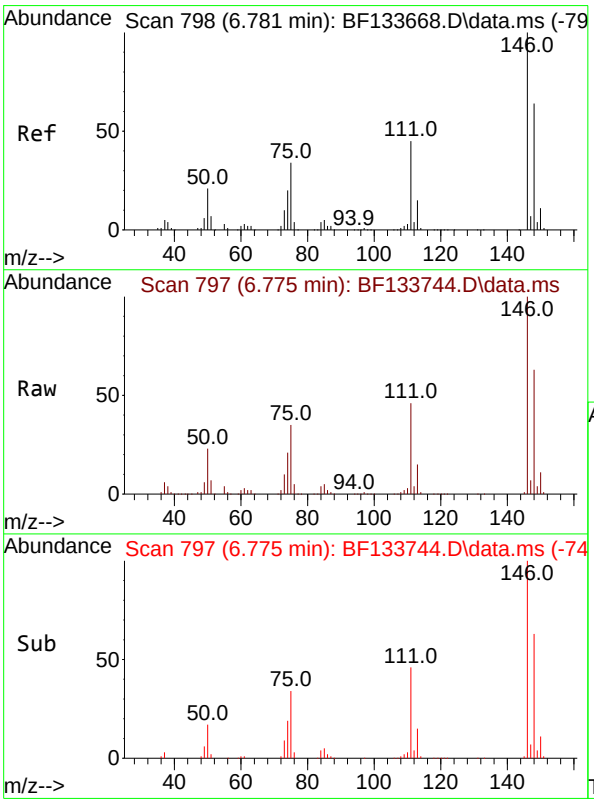
#11
bis(2-Chloroethyl)ether
Concen: 38.850 ng
RT: 6.575 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 251635

Ion	Ratio	Lower	Upper
93	100		
63	83.0	62.1	102.1
95	32.2	13.0	53.0

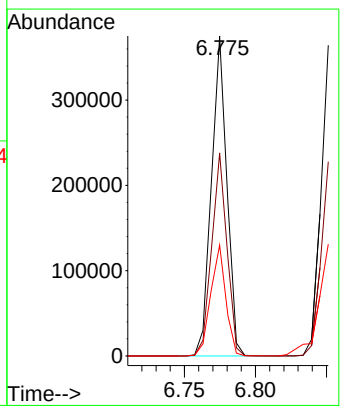


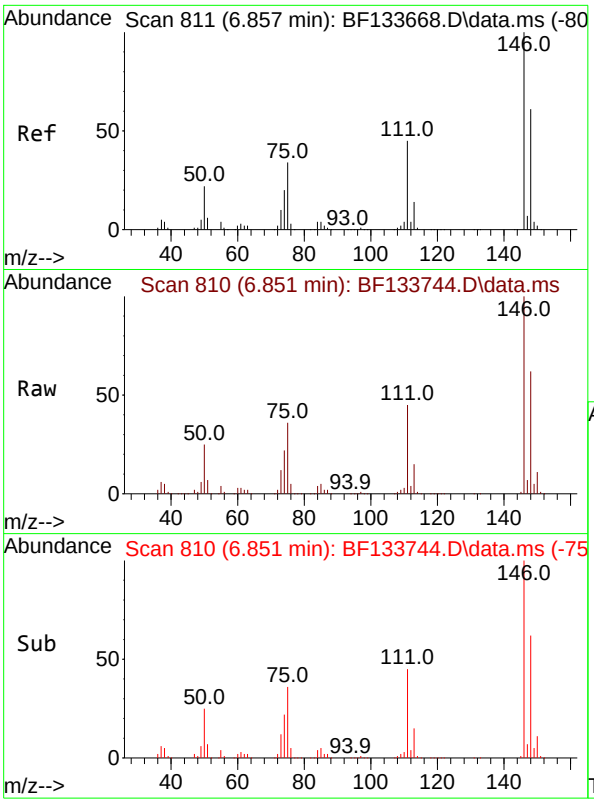


#12
1,3-Dichlorobenzene
Concen: 39.291 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:146 Resp: 283984

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
75	34.7	27.1	40.7



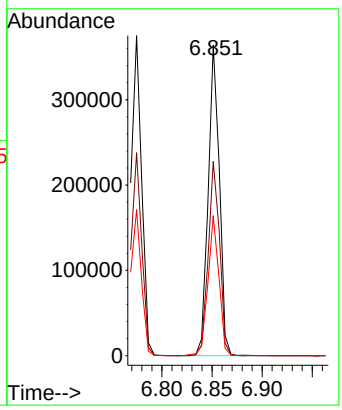


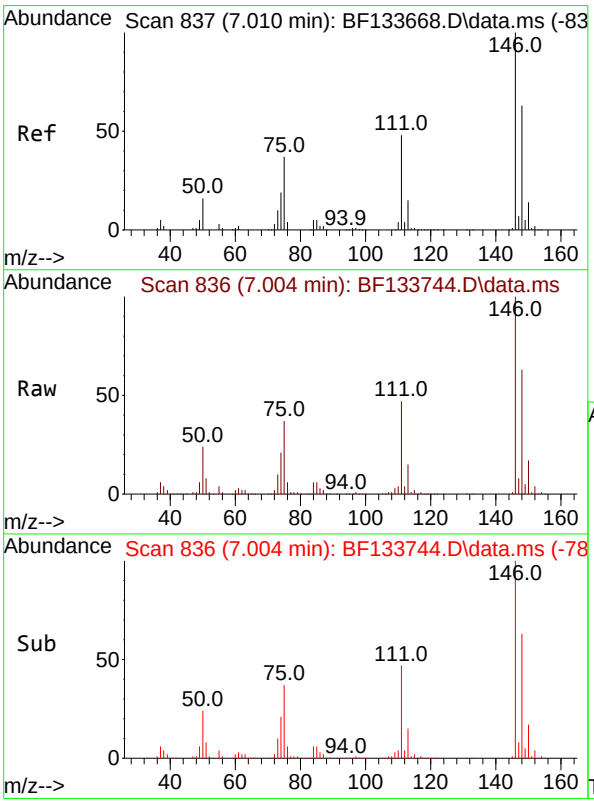
#13
1,4-Dichlorobenzene
Concen: 38.737 ng
RT: 6.851 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 282982

Ion	Ratio	Lower	Upper
146	100		
148	62.5	48.9	73.3
111	45.1	35.8	53.6

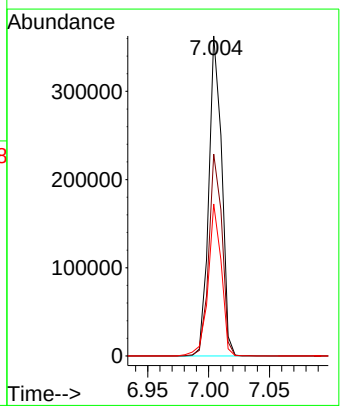


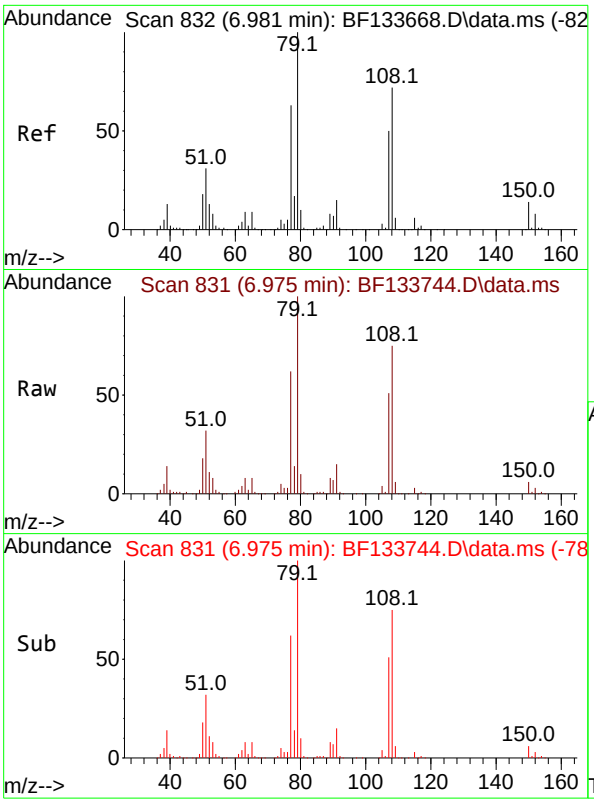


#14
1,2-Dichlorobenzene
Concen: 40.306 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:146 Resp: 266052

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	47.5	38.7	58.1



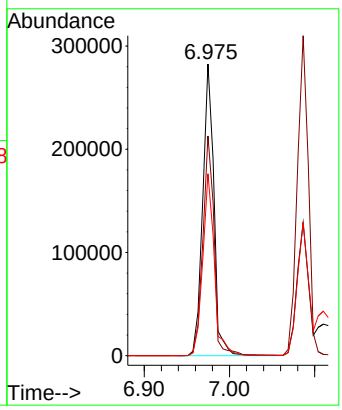


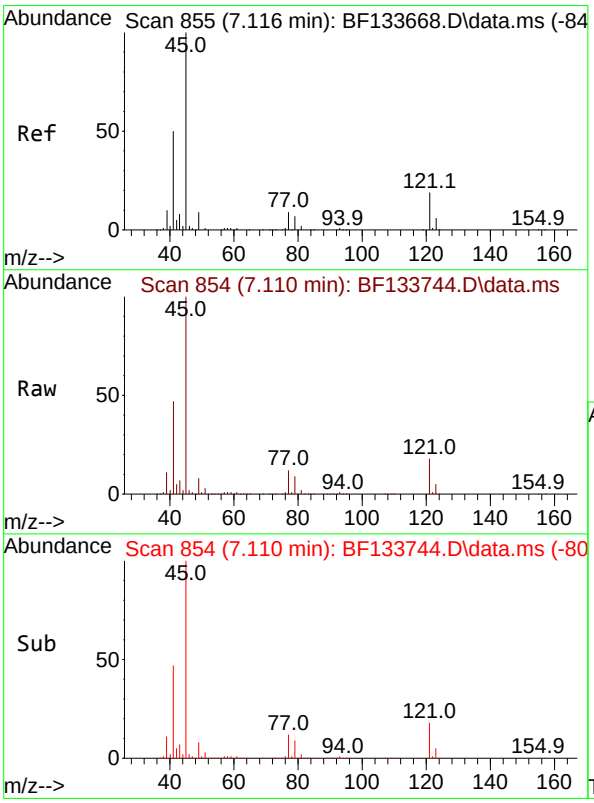
#15
Benzyl Alcohol
Concen: 39.490 ng
RT: 6.975 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 257706

Ion	Ratio	Lower	Upper
79	100		
108	75.3	57.9	86.9
77	62.4	50.4	75.6

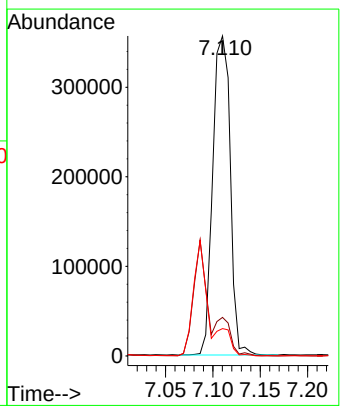


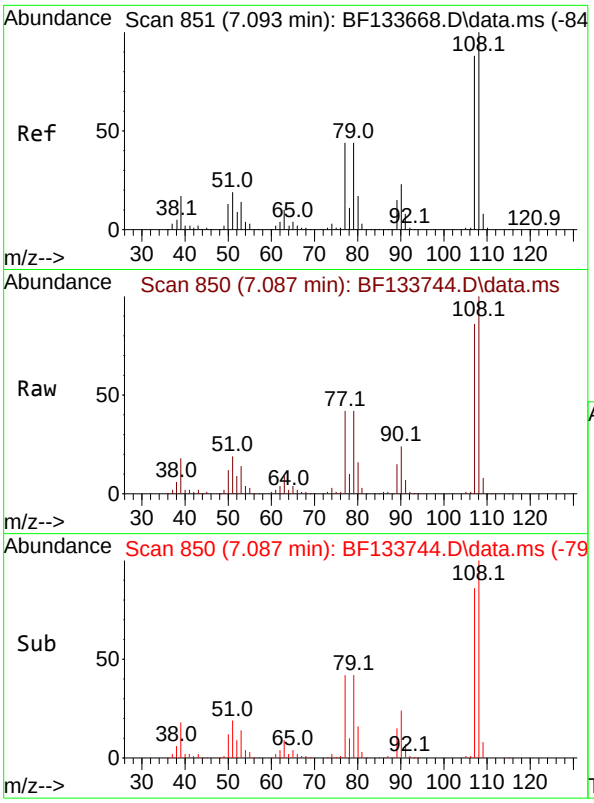


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.461 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion: 45 Resp: 455228

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.3
79	8.6	0.0	29.4



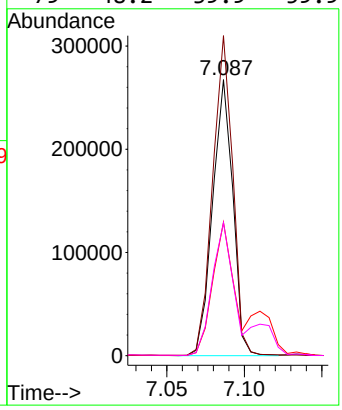


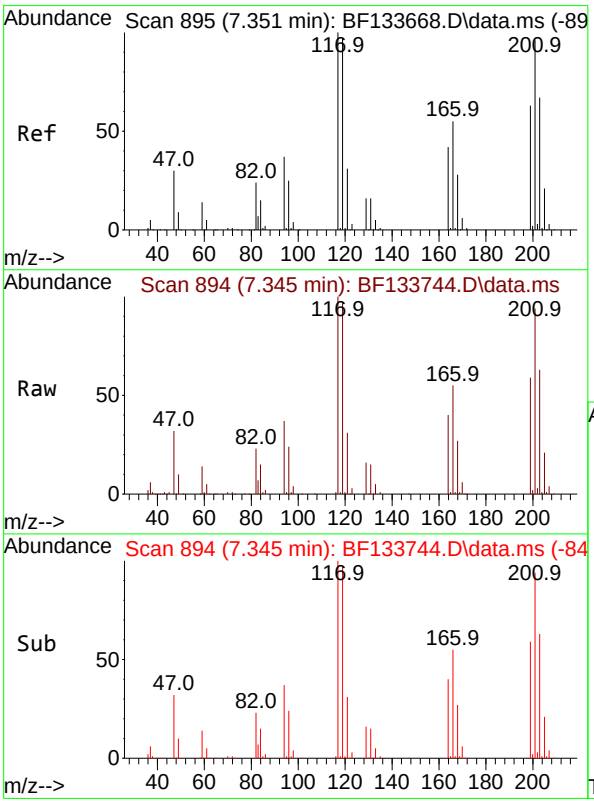
#17
2-Methylphenol
Concen: 40.544 ng
RT: 7.087 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 243096

Ion	Ratio	Lower	Upper
107	100		
108	115.9	90.9	136.3
77	48.3	39.8	59.6
79	48.2	39.9	59.9

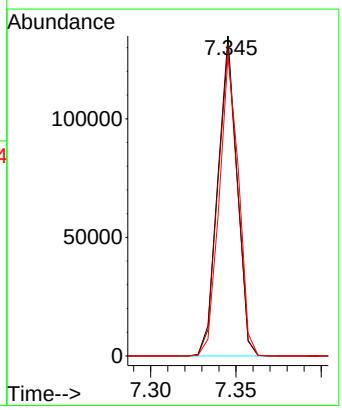


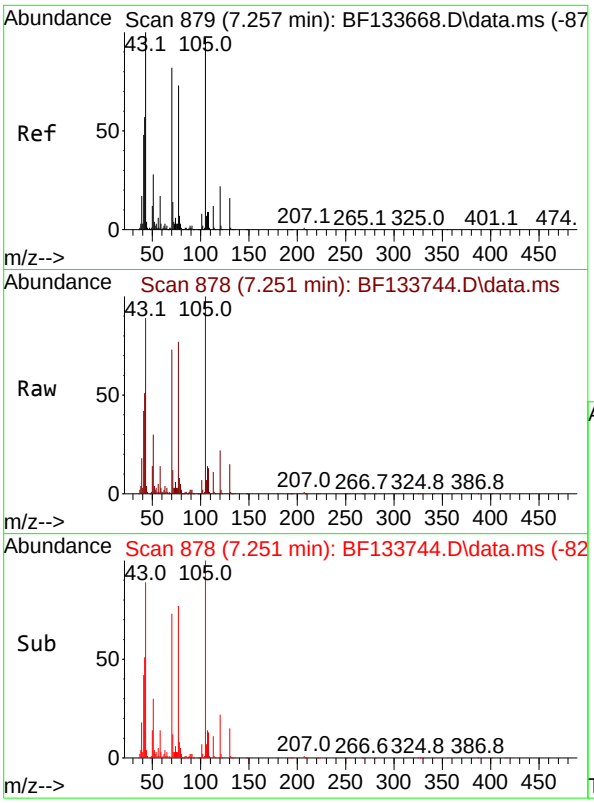


#18
Hexachloroethane
Concen: 42.349 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:117 Resp: 105911

Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.3	115.9
201	93.8	76.8	115.2



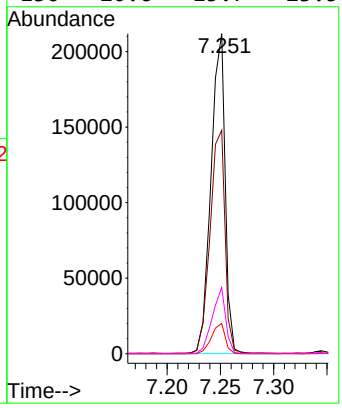


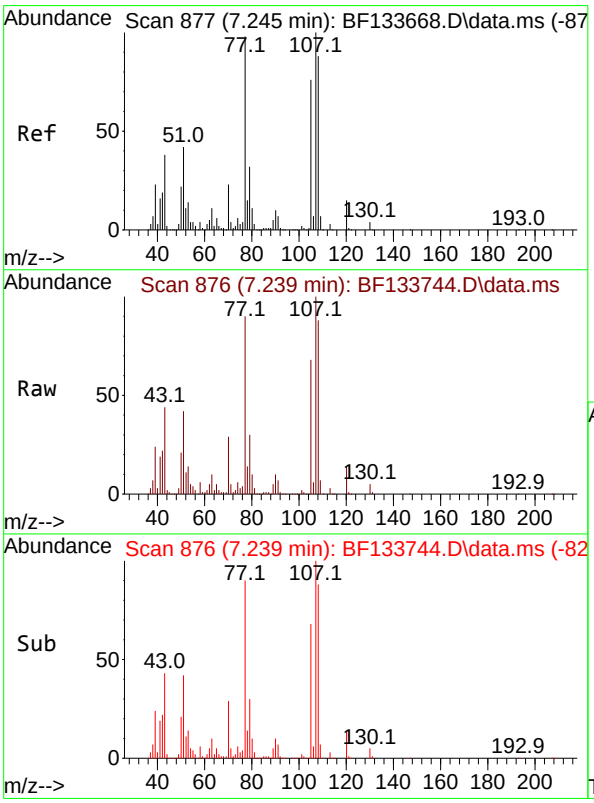
#19
n-Nitroso-di-n-propylamine
Concen: 36.813 ng
RT: 7.251 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 195704

Ion	Ratio	Lower	Upper
70	100		
42	69.8	55.8	83.8
101	9.5	8.1	12.1
130	20.6	15.7	23.5

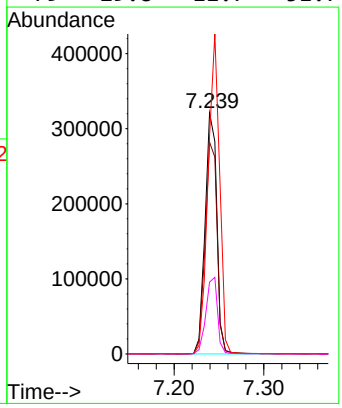


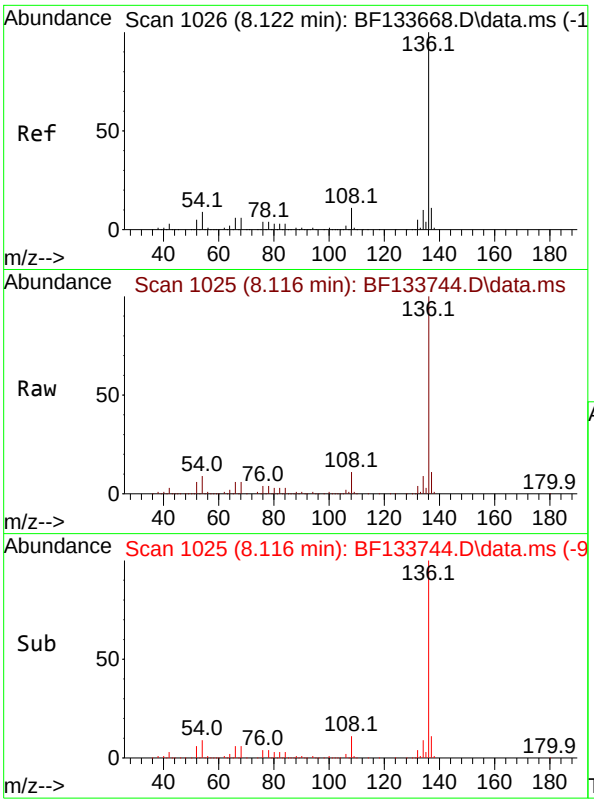


#20
3+4-Methylphenols
Concen: 37.417 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:107 Resp: 291845

Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.9	107.9
77	90.3	77.7	117.7
79	29.8	11.7	51.7



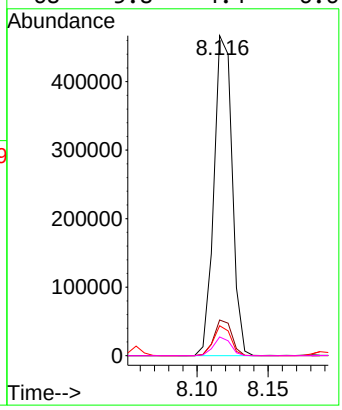


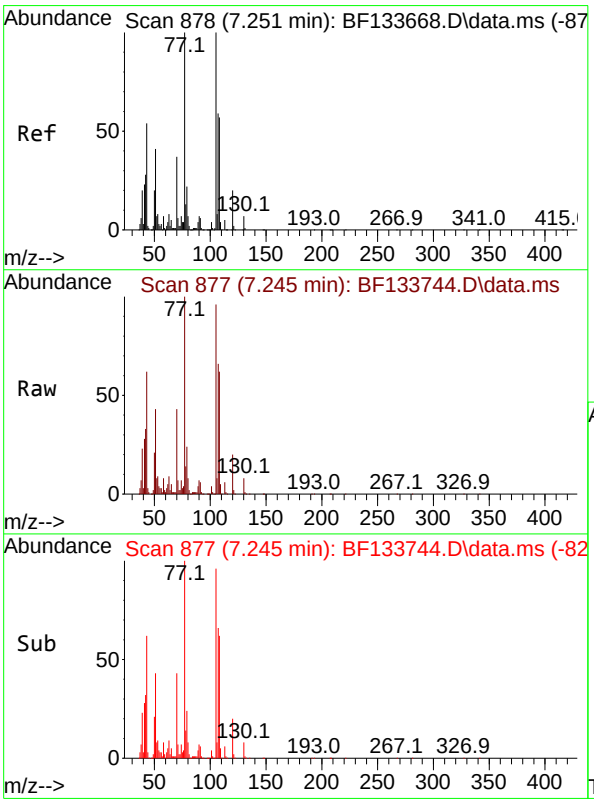
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 415257

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.3	7.4	11.0
68	5.8	4.4	6.6

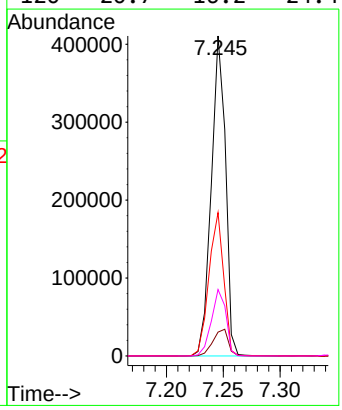


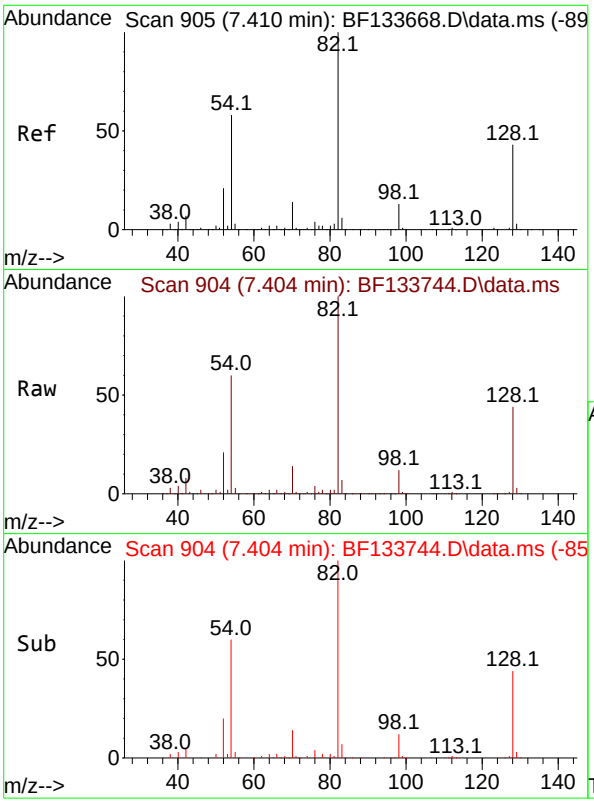


#22
Acetophenone
Concen: 37.599 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:105 Resp: 358103

Ion	Ratio	Lower	Upper
105	100		
71	7.5	4.8	7.2#
51	44.8	33.0	49.4
120	20.7	16.2	24.4



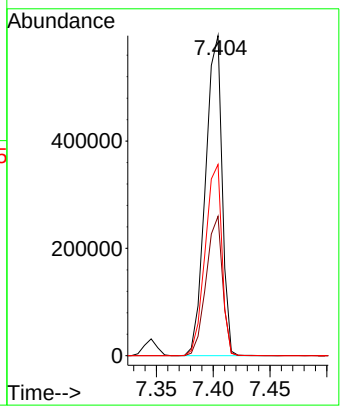


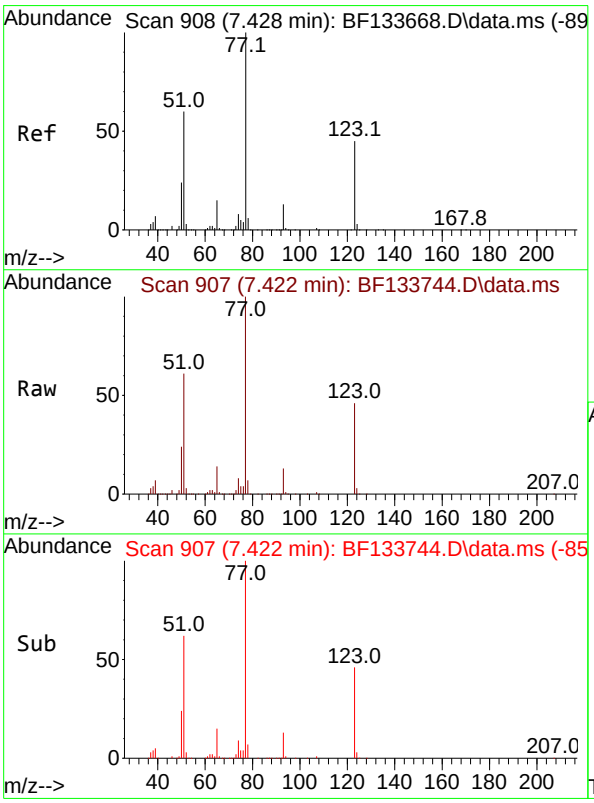
#23
Nitrobenzene-d5
Concen: 79.463 ng
RT: 7.404 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 605833

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.2	51.2
54	59.8	46.5	69.7

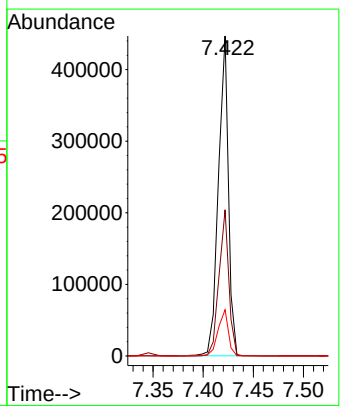


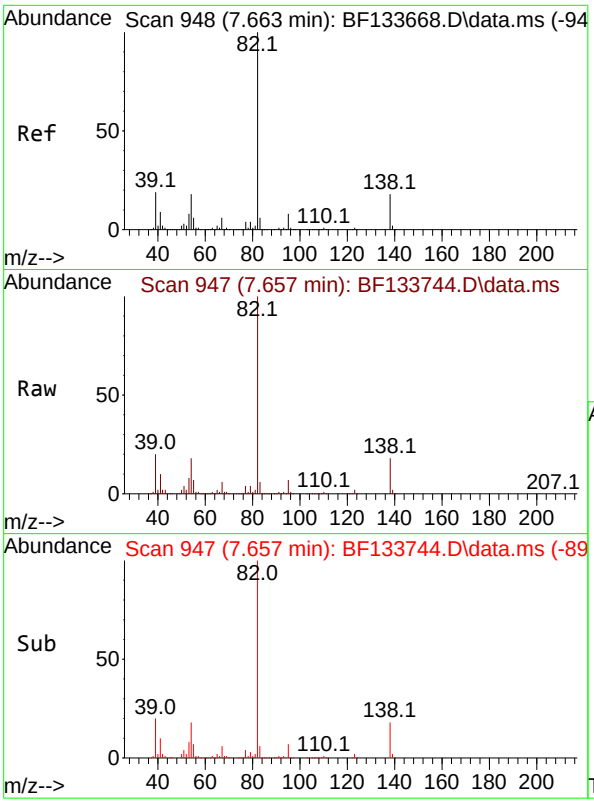


#24
Nitrobenzene
Concen: 40.322 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion: 77 Resp: 309546

Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.8	53.8
65	14.5	11.6	17.4



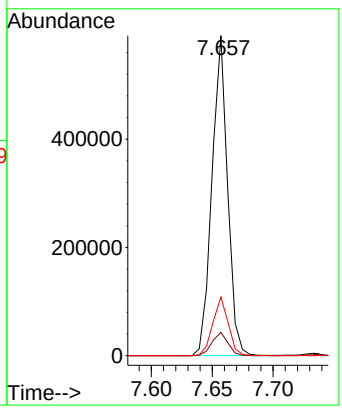


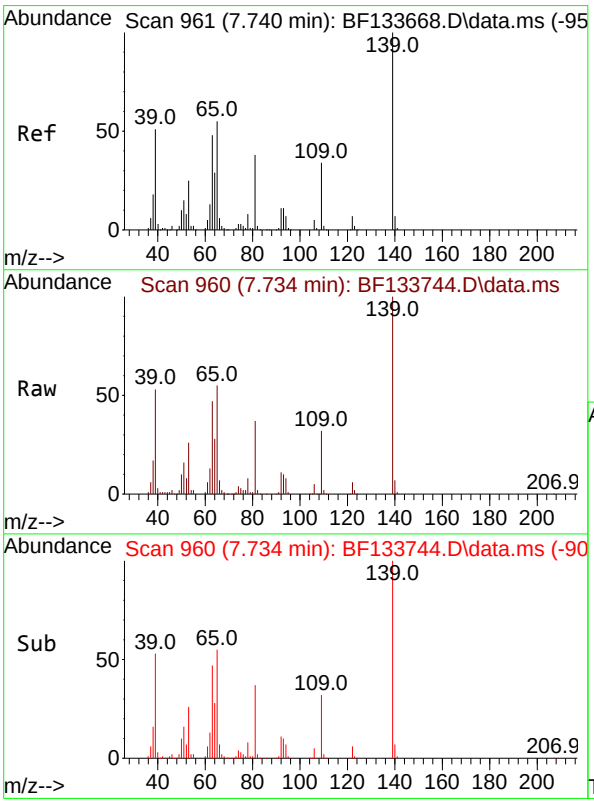
#25
Isophorone
Concen: 37.644 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 526899

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.0	9.0
138	18.4	14.2	21.2

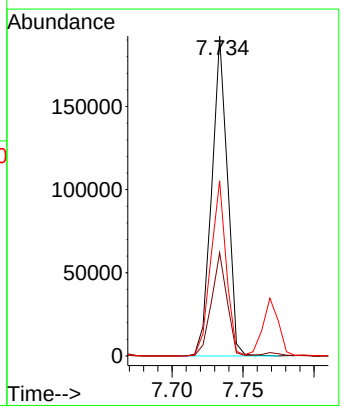


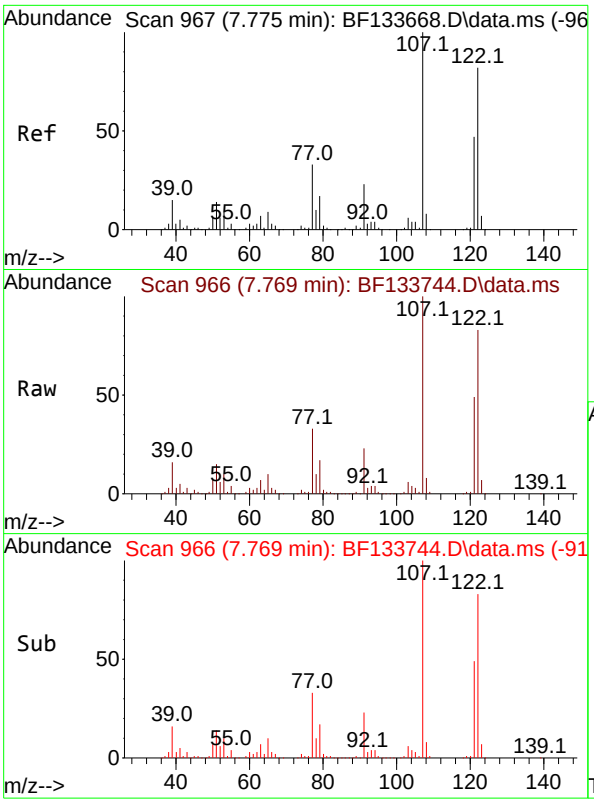


#26
2-Nitrophenol
Concen: 42.852 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:139 Resp: 147638

Ion	Ratio	Lower	Upper
139	100		
109	32.3	27.0	40.6
65	54.8	44.2	66.4



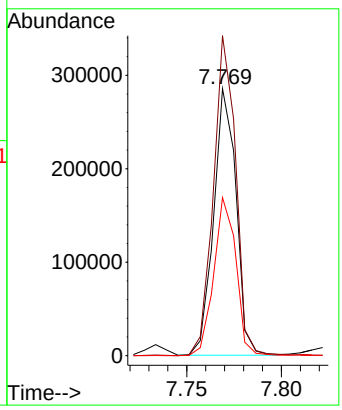


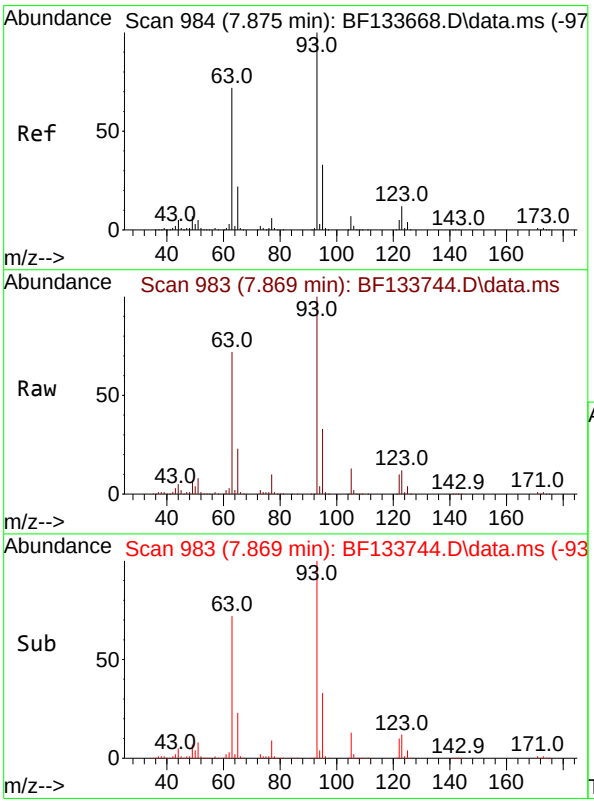
#27
2,4-Dimethylphenol
Concen: 39.495 ng
RT: 7.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 234536

Ion	Ratio	Lower	Upper
122	100		
107	119.8	97.8	146.6
121	59.2	46.1	69.1

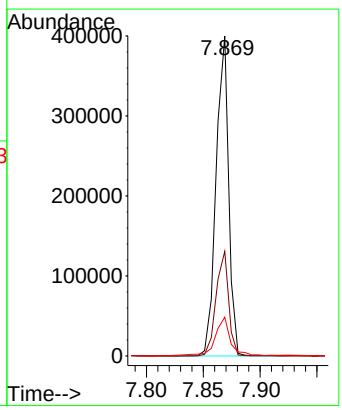


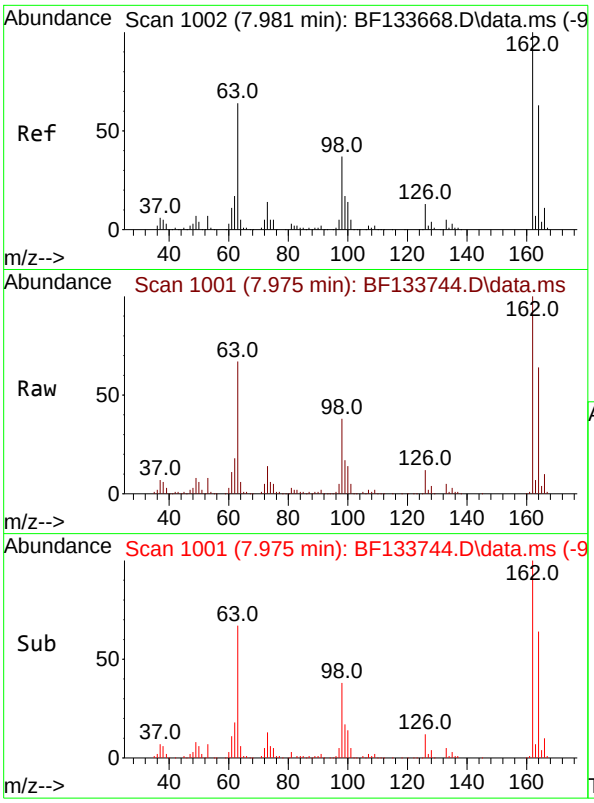


#28
bis(2-Chloroethoxy)methane
Concen: 38.026 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion: 93 Resp: 307621

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.1	9.9	14.9



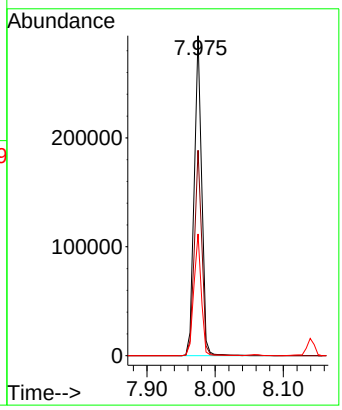


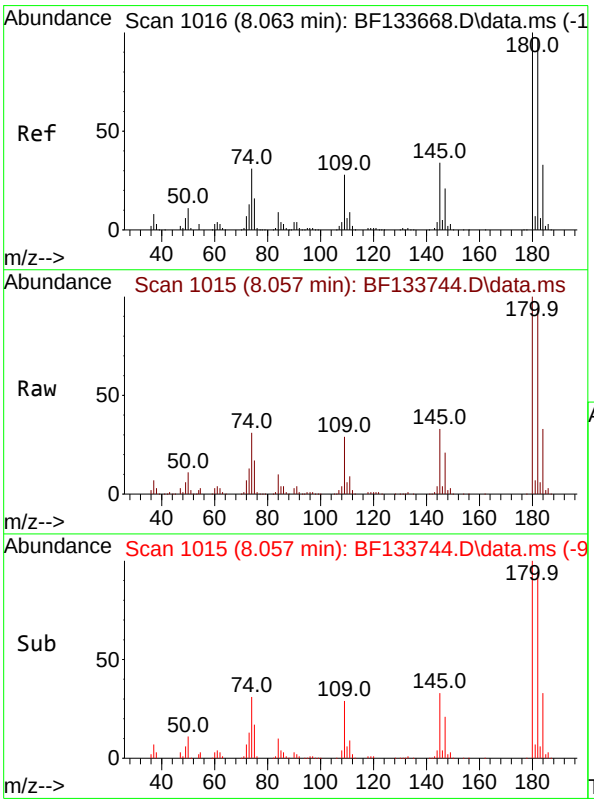
#29
2,4-Dichlorophenol
Concen: 38.742 ng
RT: 7.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 225481

Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.4	83.4
98	38.1	17.4	57.4

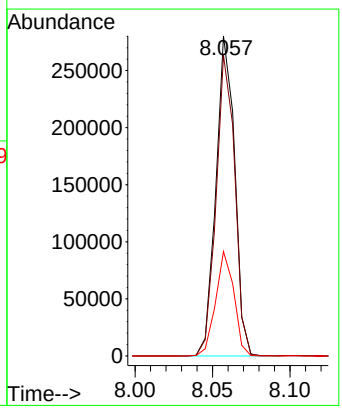


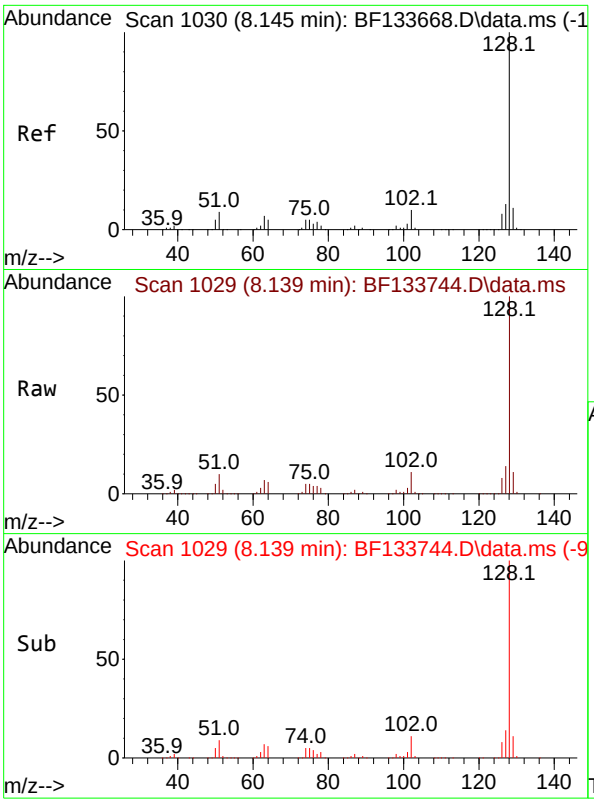


#30
1,2,4-Trichlorobenzene
Concen: 38.869 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:180 Resp: 236023

Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.8	116.8
145	32.6	27.0	40.4



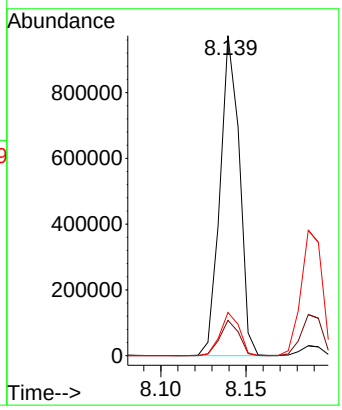


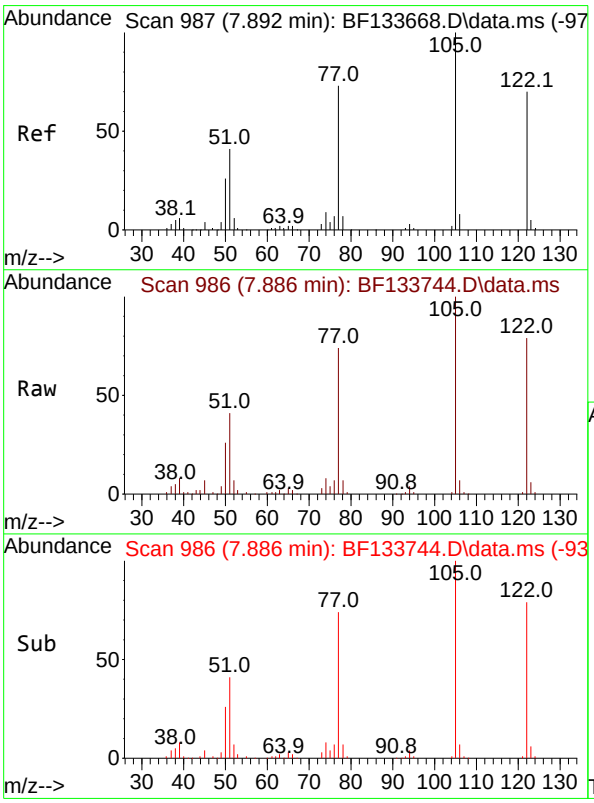
#31
Naphthalene
Concen: 37.962 ng
RT: 8.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 768025

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.5	10.5	15.7

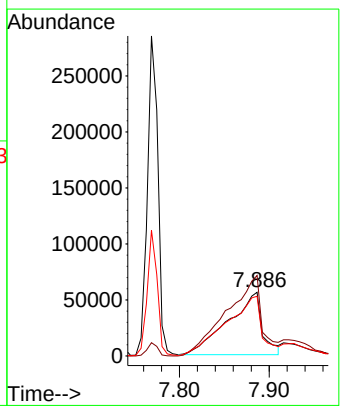


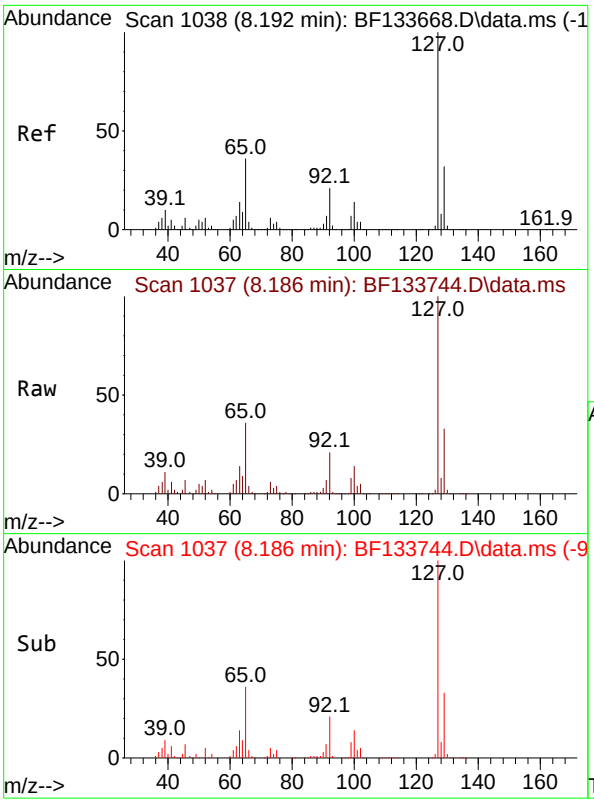


#32
Benzoic acid
Concen: 39.296 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:122 Resp: 147171

Ion	Ratio	Lower	Upper
122	100		
105	126.3	116.3	156.3
77	93.5	82.4	122.4



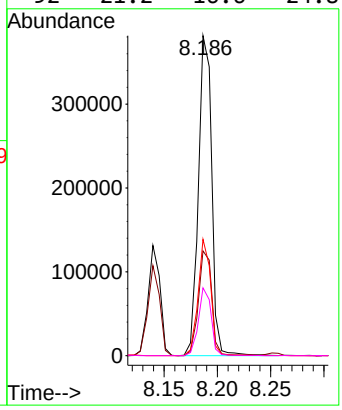


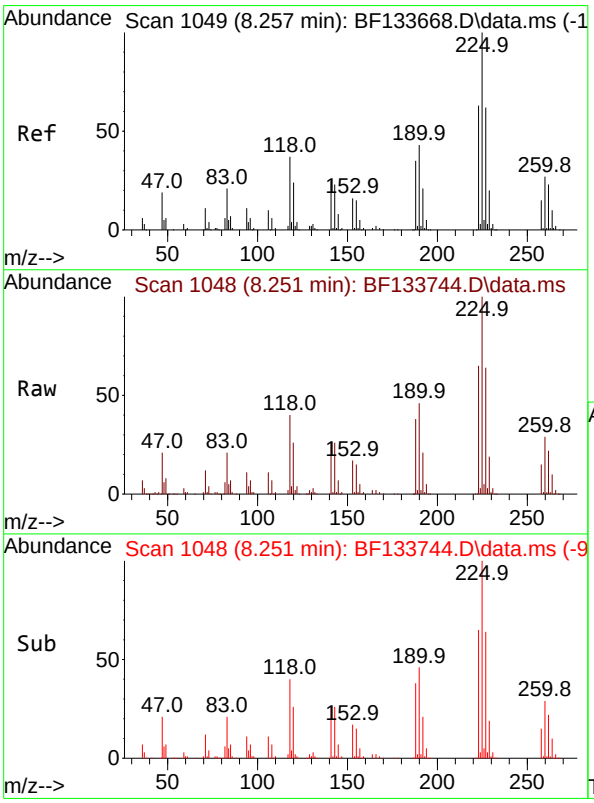
#33
4-Chloroaniline
Concen: 38.632 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 334182

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.6	38.4
65	36.3	28.9	43.3
92	21.2	16.6	24.8

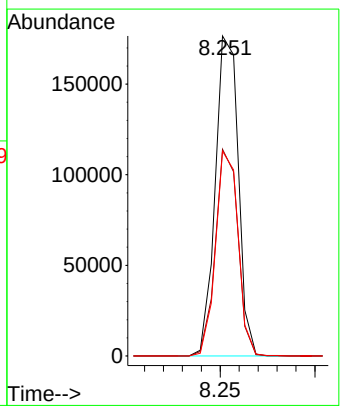


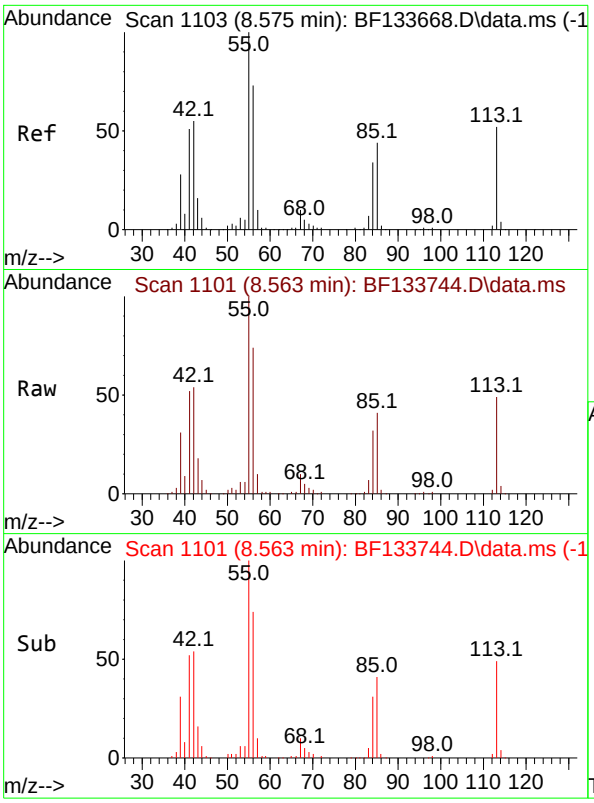


#34
Hexachlorobutadiene
Concen: 37.548 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:225 Resp: 149277

Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.2	75.4
227	64.0	49.5	74.3



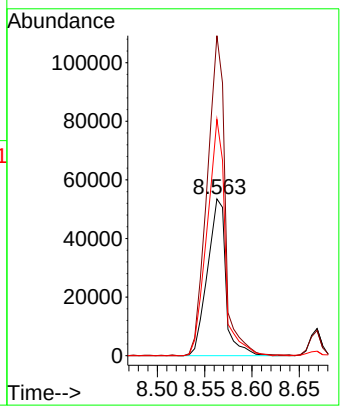


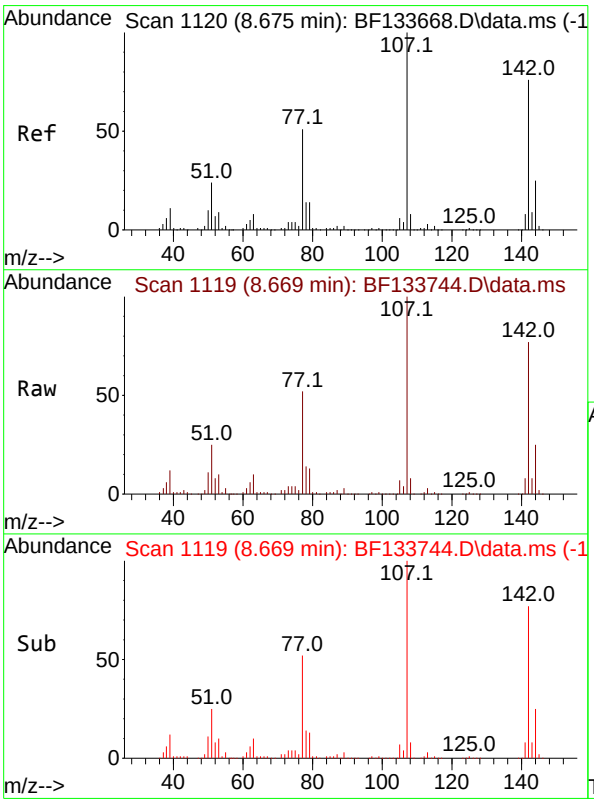
#35
Caprolactam
Concen: 37.003 ng
RT: 8.563 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 72468

Ion	Ratio	Lower	Upper
113	100		
55	204.1	173.3	213.3
56	150.7	120.5	160.5

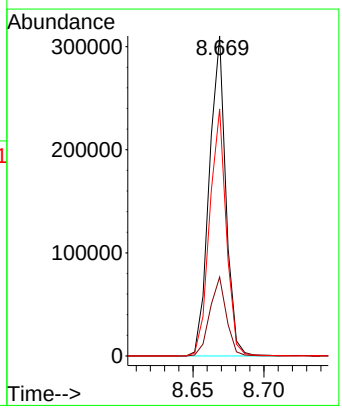


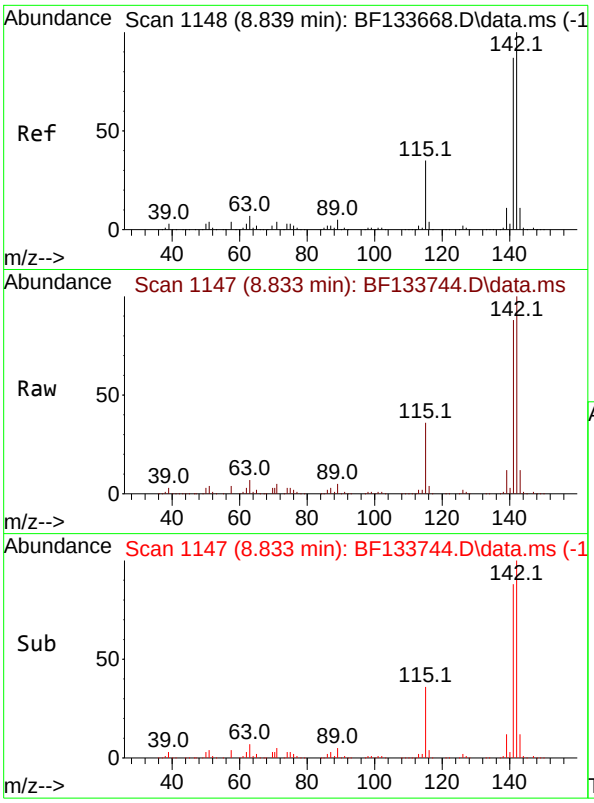


#36
4-Chloro-3-methylphenol
Concen: 37.416 ng
RT: 8.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:107 Resp: 251010

Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.7	29.5
142	77.2	61.1	91.7



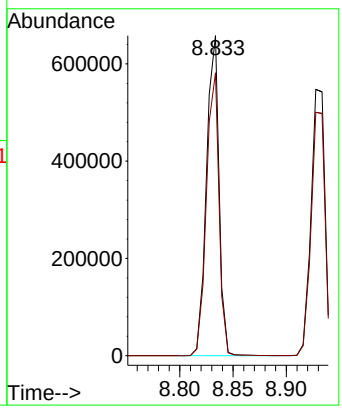


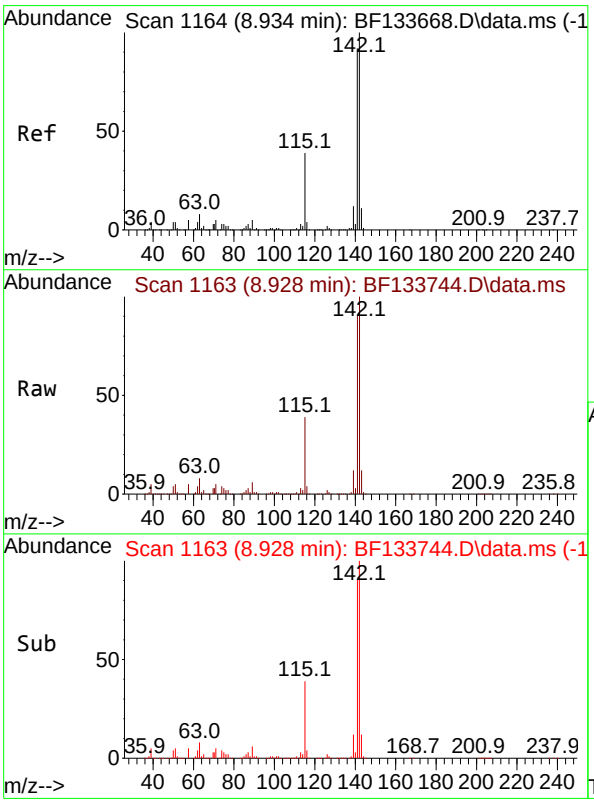
#37
2-Methylnaphthalene
Concen: 38.388 ng
RT: 8.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 539618

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.8	104.8

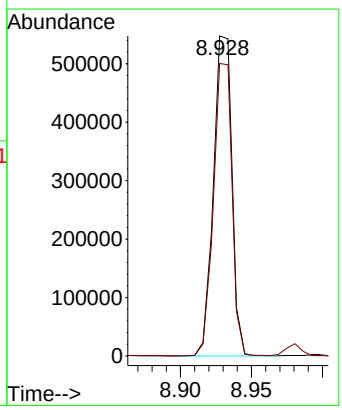


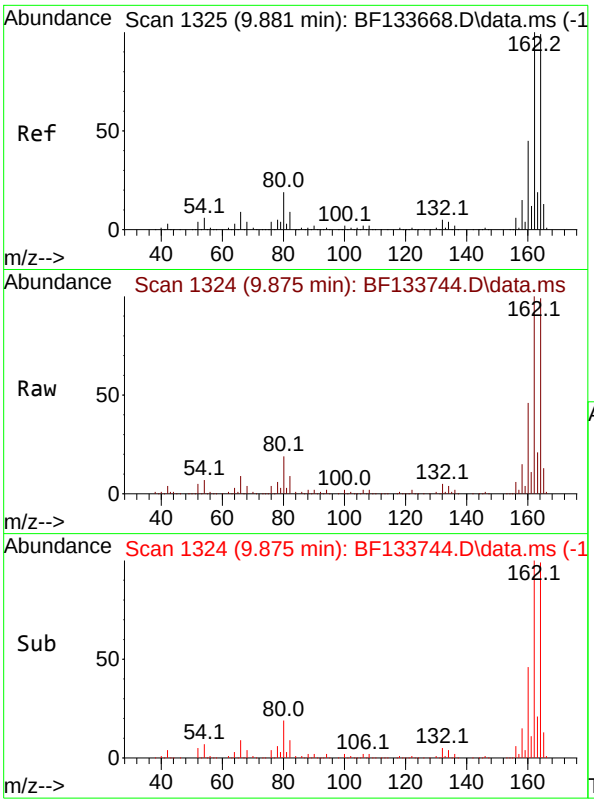


#38
1-Methylnaphthalene
Concen: 38.525 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:142 Resp: 498332

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.4	110.0



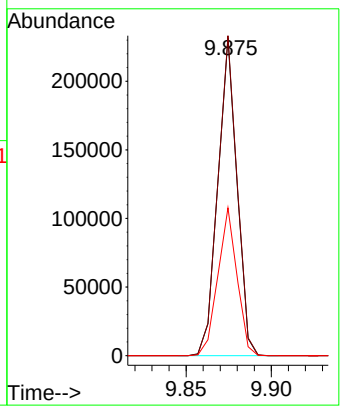


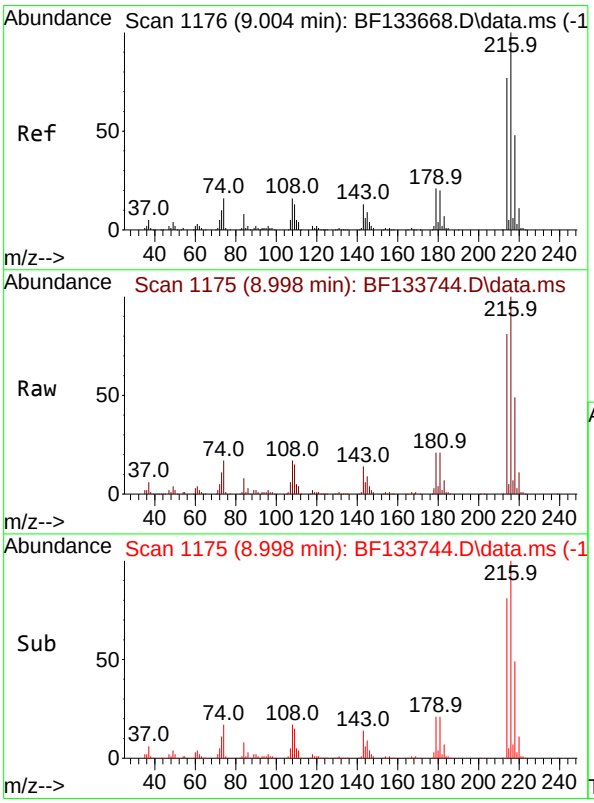
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 180786

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.8	121.2
160	46.5	36.7	55.1

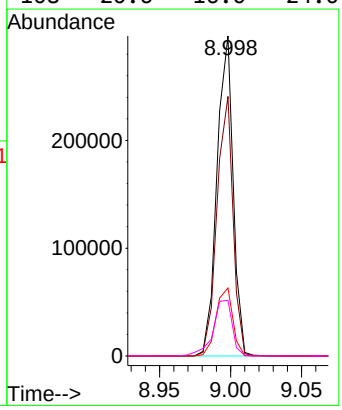


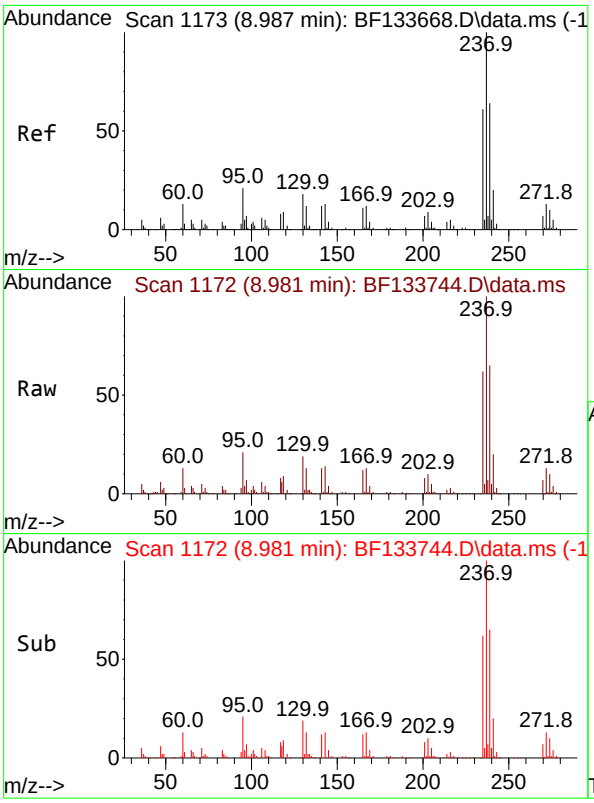


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.768 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:216 Resp: 235052

Ion	Ratio	Lower	Upper
216	100		
214	80.1	62.7	94.1
179	21.9	17.6	26.4
108	20.6	16.0	24.0



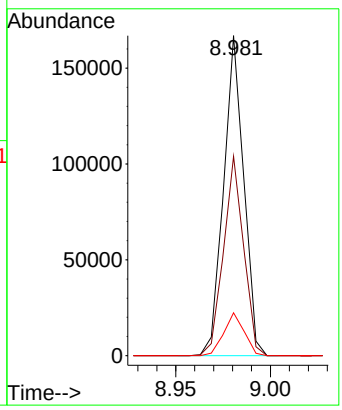


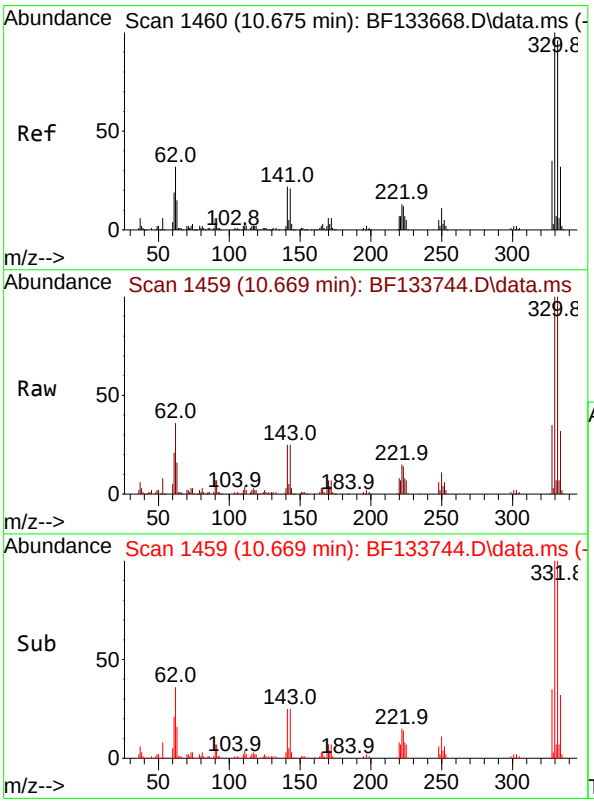
#41
Hexachlorocyclopentadiene
Concen: 50.414 ng
RT: 8.981 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 123475

Ion	Ratio	Lower	Upper
237	100		
235	62.3	40.6	80.6
272	13.4	0.0	32.6

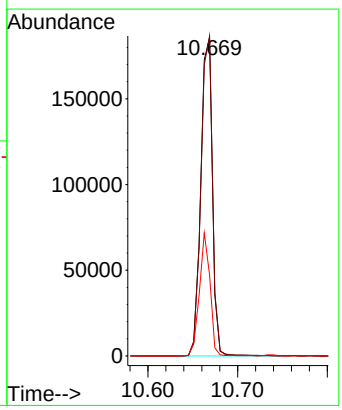


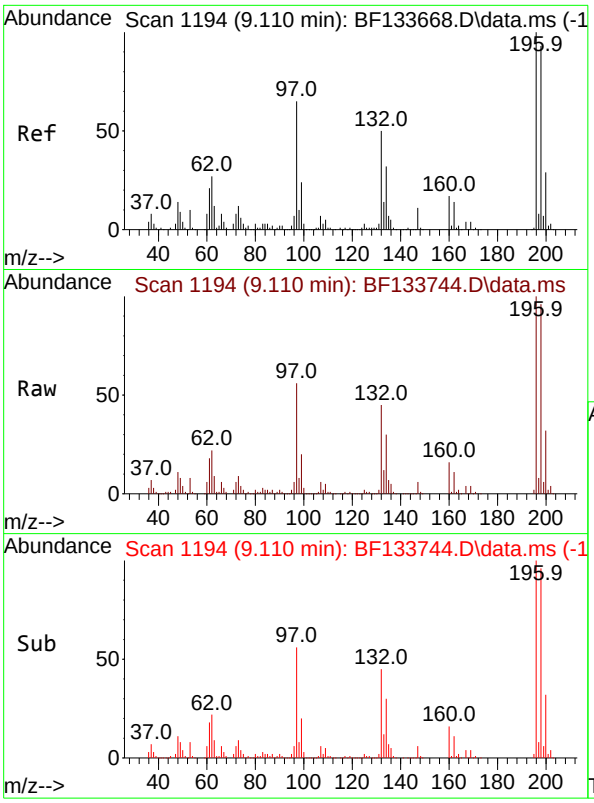


#42
2,4,6-Tribromophenol
Concen: 72.989 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:330 Resp: 167029

Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.2	115.8
141	35.5	24.9	37.3



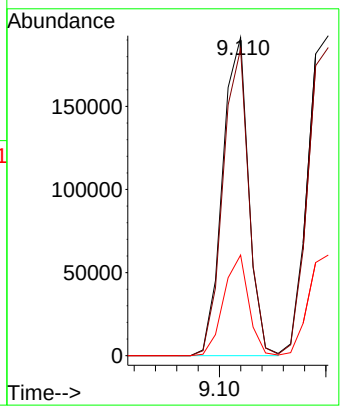


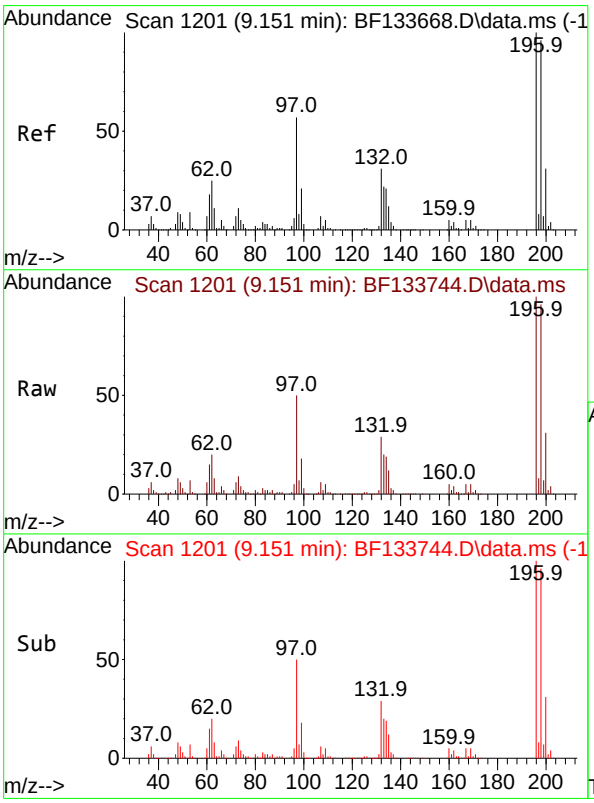
#43
2,4,6-Trichlorophenol
Concen: 44.296 ng
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 162686

Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.5	111.7
200	31.6	22.9	34.3

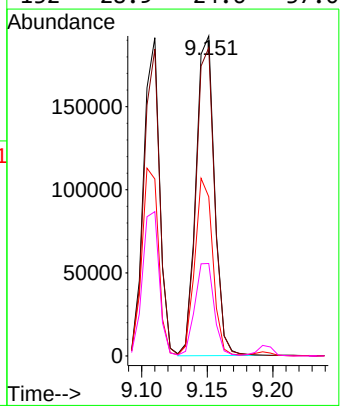


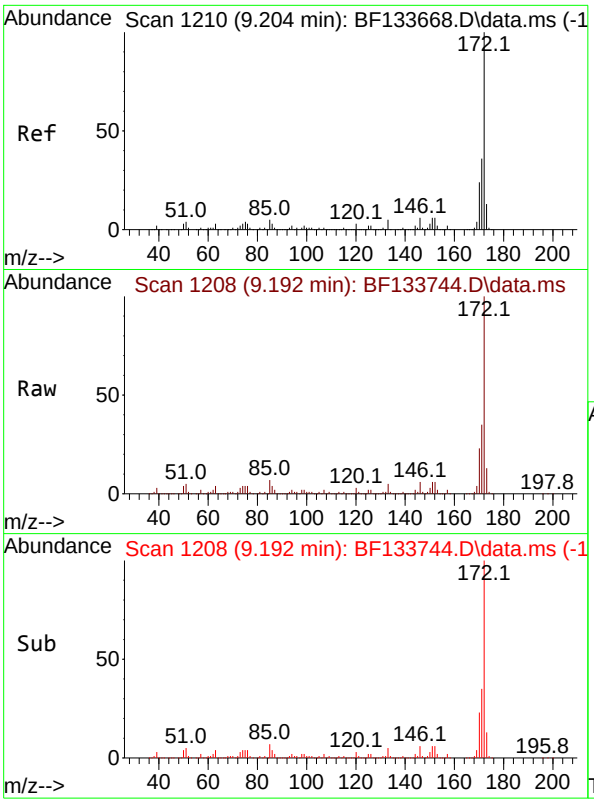


#44
2,4,5-Trichlorophenol
Concen: 44.444 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:196 Resp: 189899

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.8	115.2
97	49.7	45.4	68.2
132	28.9	24.6	37.0



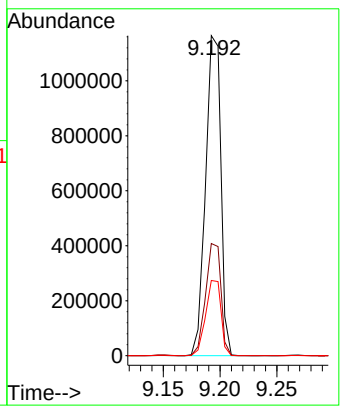


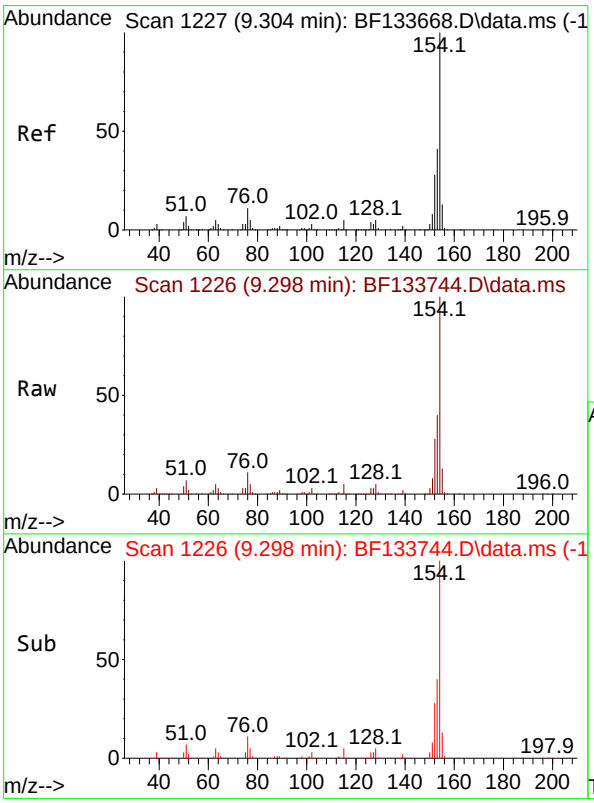
#45
2-Fluorobiphenyl
Concen: 85.395 ng
RT: 9.192 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1086044

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.5	19.1	28.7

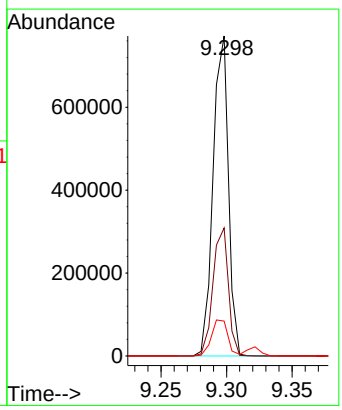


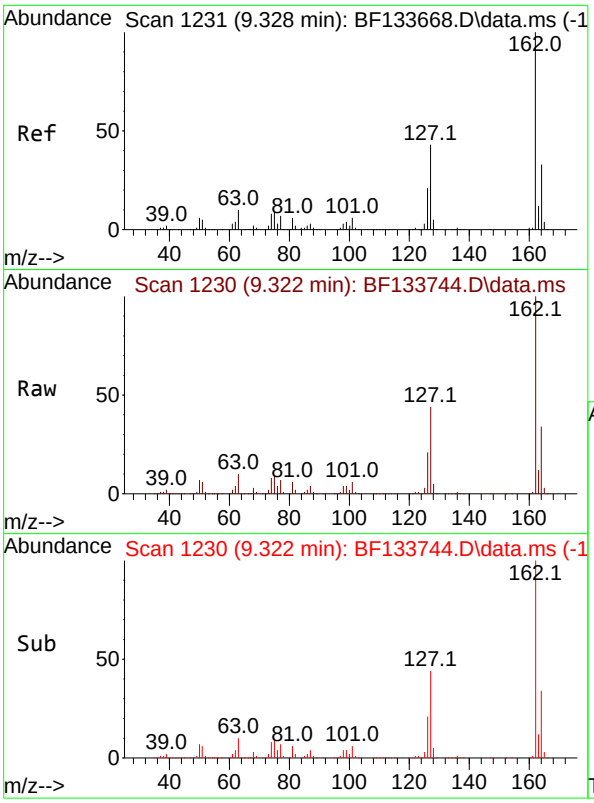


#46
1,1'-Biphenyl
Concen: 42.901 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:154 Resp: 625531

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	10.9	0.0	31.0



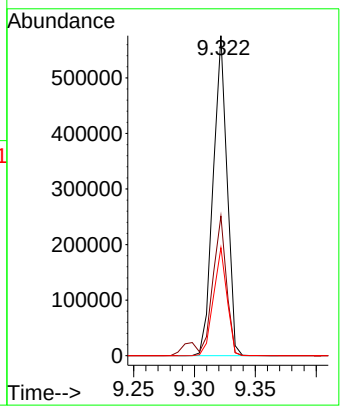


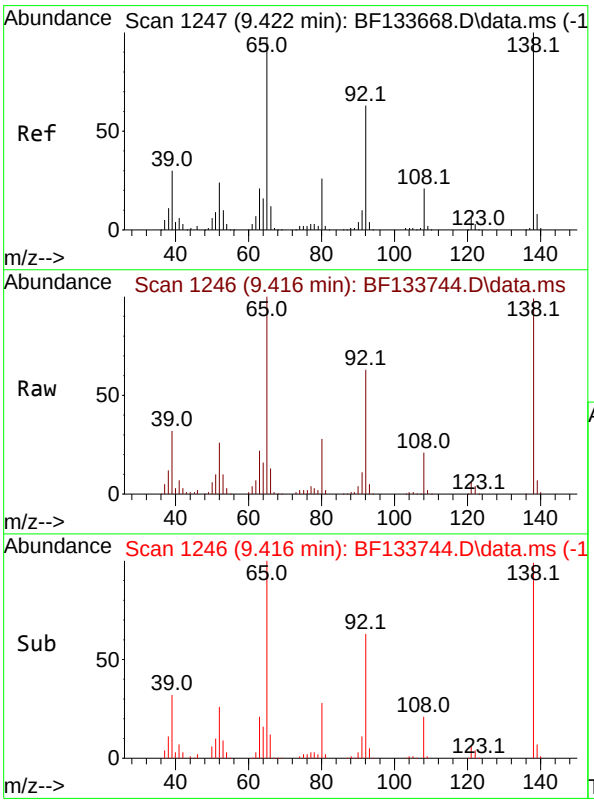
#47
2-Chloronaphthalene
Concen: 43.708 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 457139

Ion	Ratio	Lower	Upper
162	100		
127	43.7	34.6	52.0
164	33.7	26.4	39.6

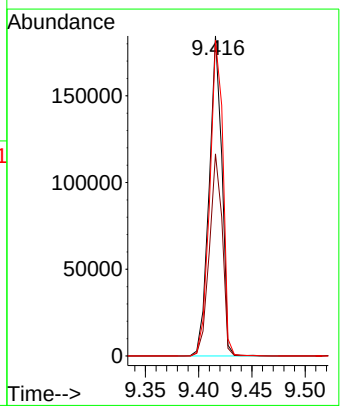


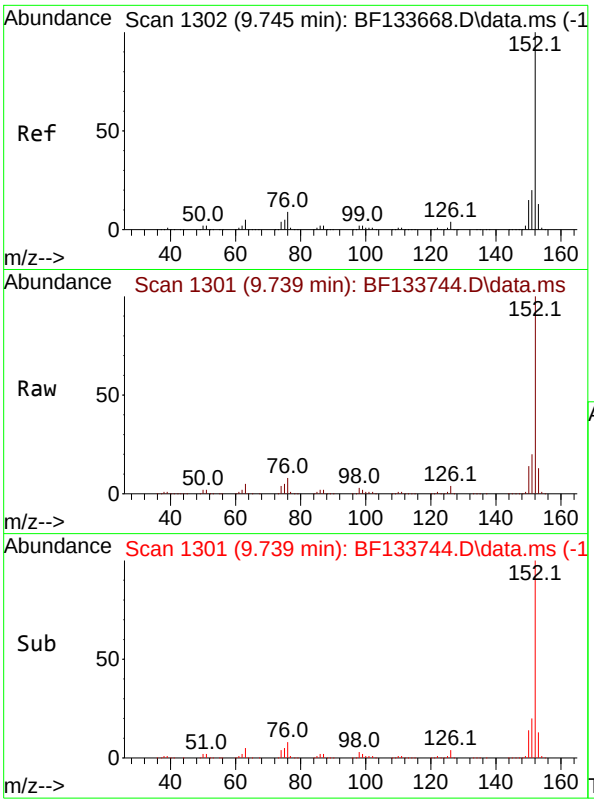


#48
2-Nitroaniline
Concen: 40.140 ng
RT: 9.416 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion: 65 Resp: 153541

Ion	Ratio	Lower	Upper
65	100		
92	63.1	51.8	77.6
138	98.6	82.1	123.1



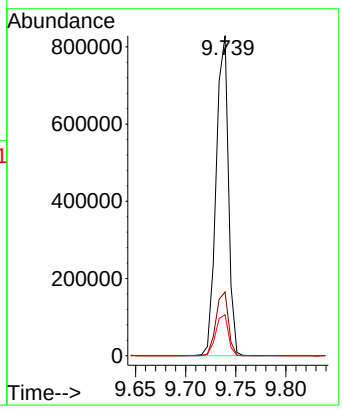


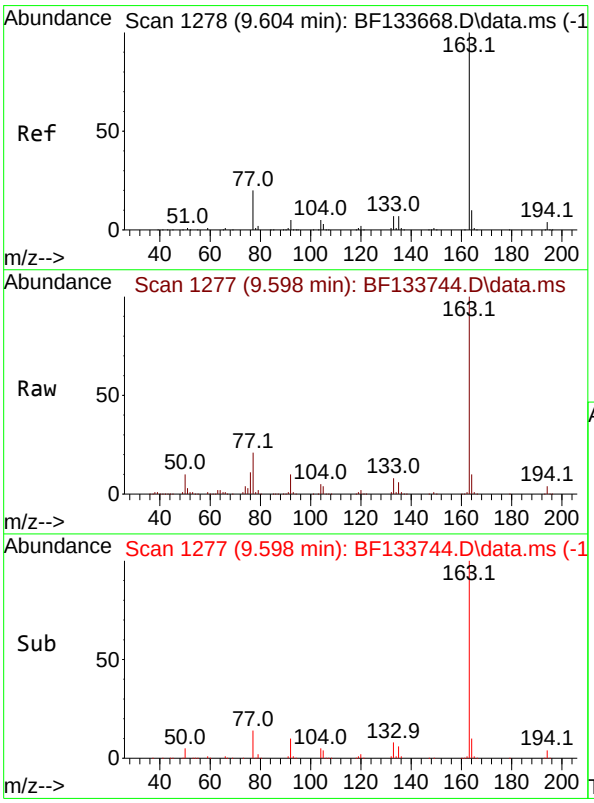
#49
Acenaphthylene
Concen: 38.701 ng
RT: 9.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 704497

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	12.8	10.4	15.6

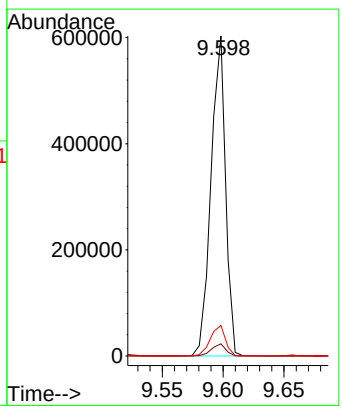


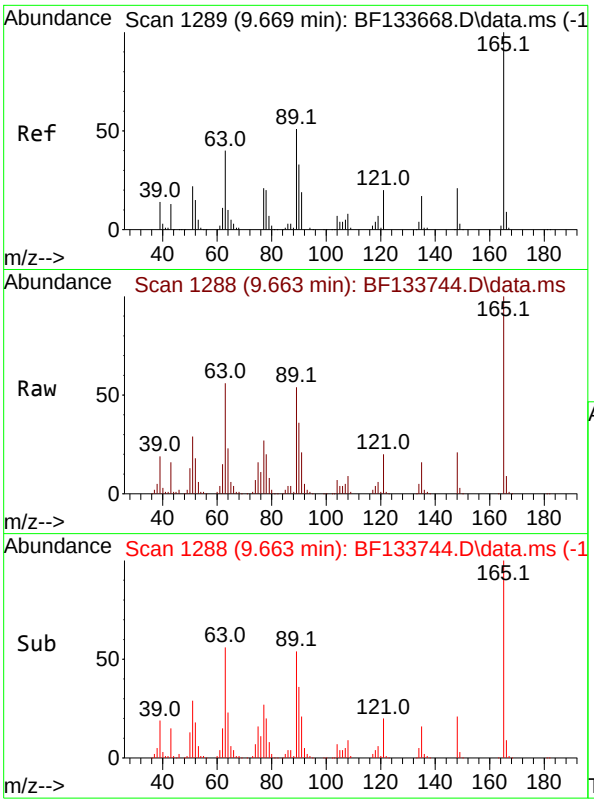


#50
Dimethylphthalate
Concen: 37.034 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:163 Resp: 499751

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.6	8.0	12.0



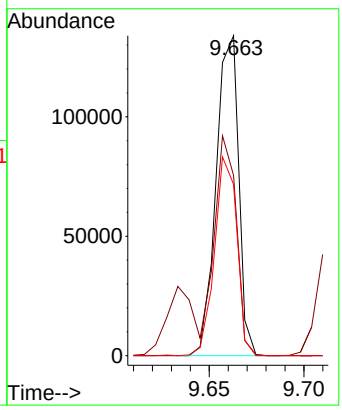


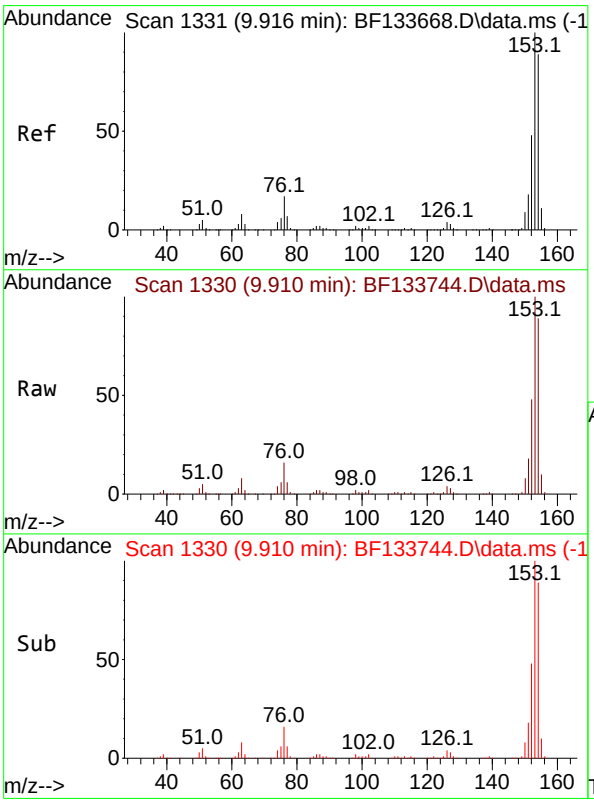
#51
2,6-Dinitrotoluene
Concen: 39.813 ng
RT: 9.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 110891

Ion	Ratio	Lower	Upper
165	100		
63	56.4	42.1	63.1
89	53.5	40.9	61.3

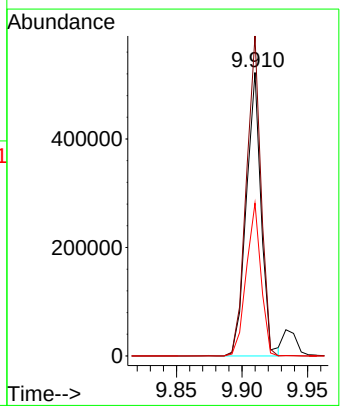


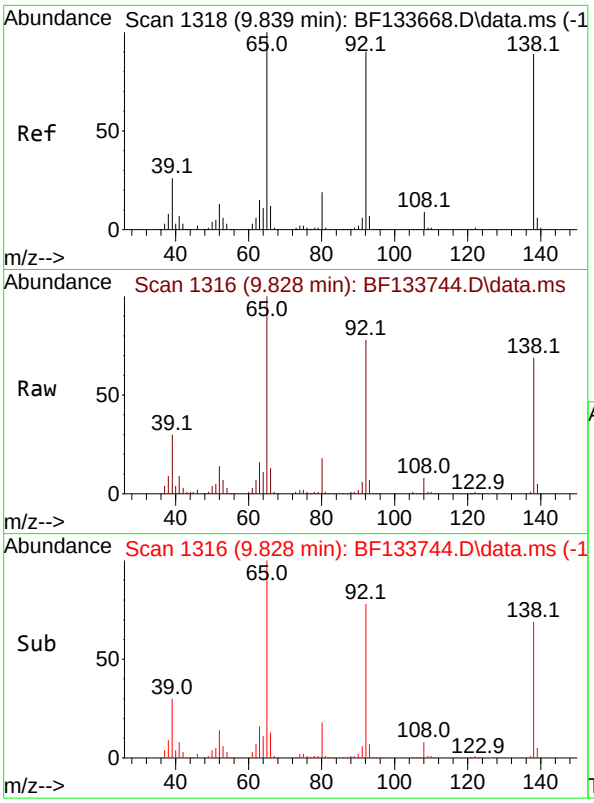


#52
Acenaphthene
Concen: 38.645 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:154 Resp: 411776

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.8	134.8
152	53.9	43.4	65.2



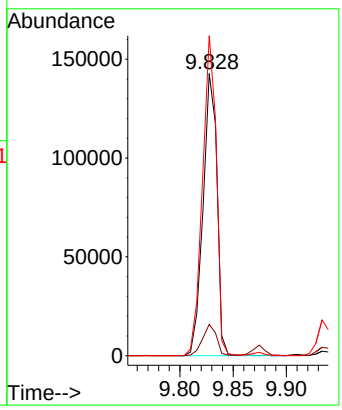


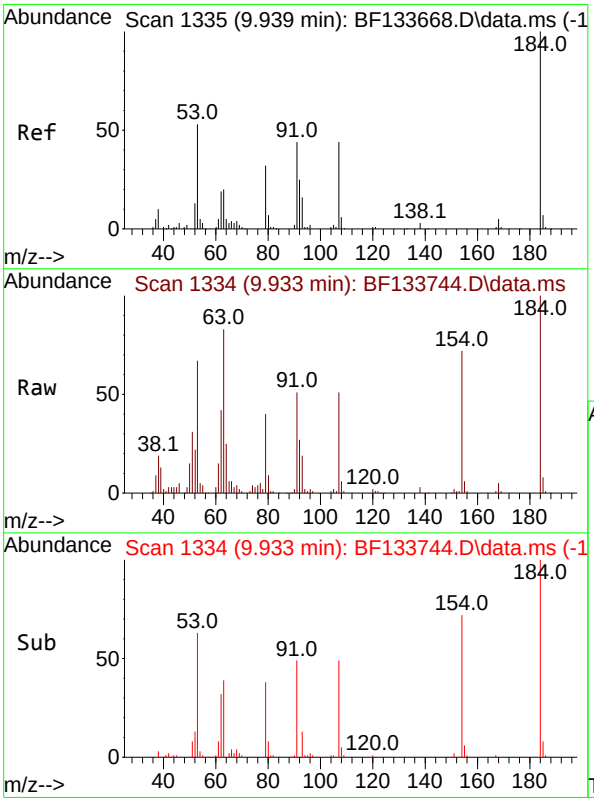
#53
3-Nitroaniline
Concen: 38.404 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 130171

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.2	12.4
92	113.5	81.0	121.6

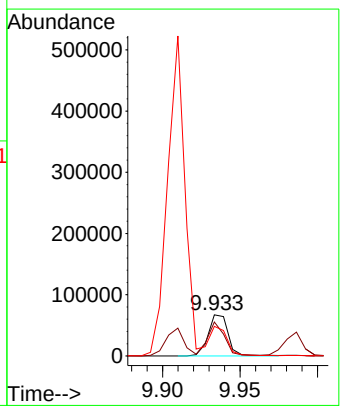


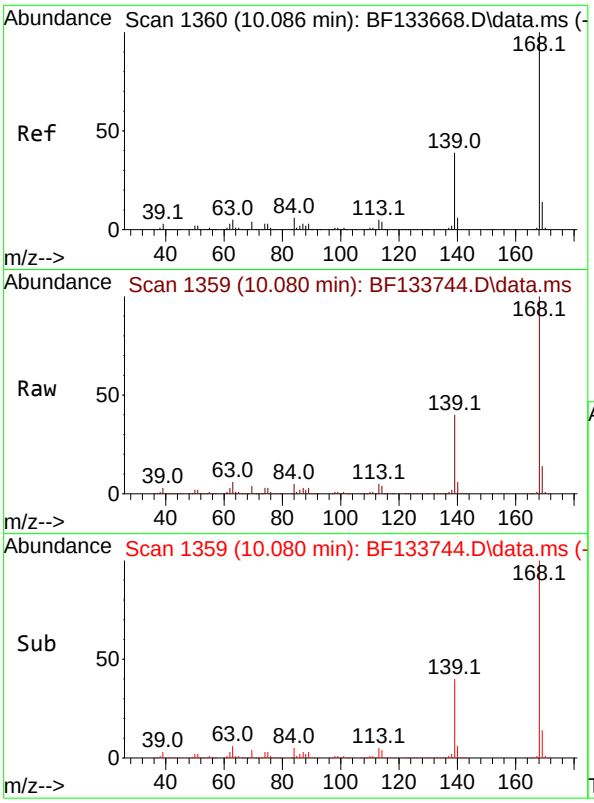


#54
2,4-Dinitrophenol
Concen: 46.701 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:184 Resp: 60076

Ion	Ratio	Lower	Upper
184	100		
63	82.6	55.3	82.9
154	72.1	51.9	77.9



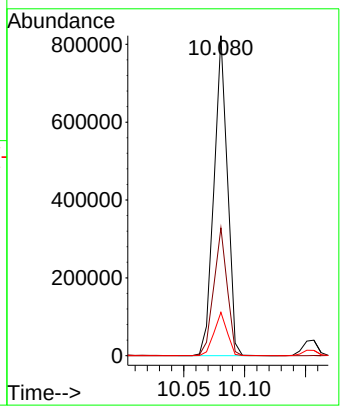


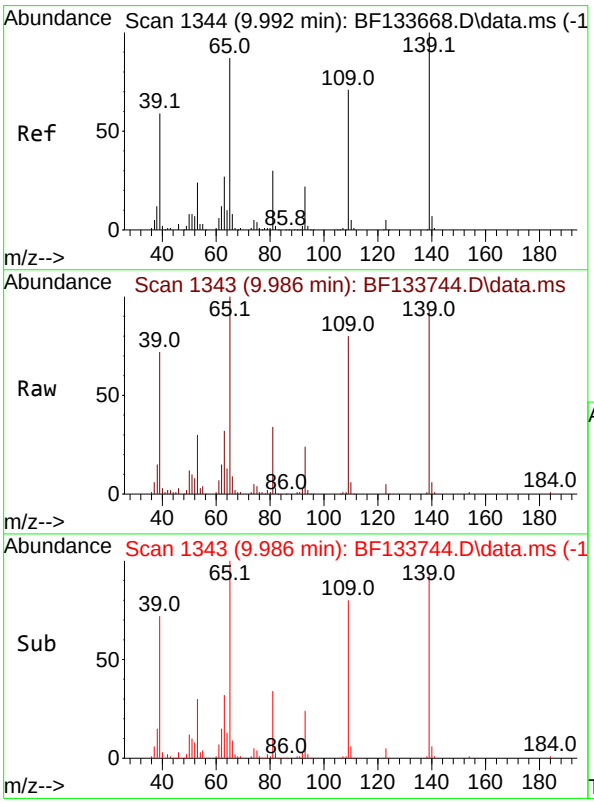
#55
Dibenzofuran
Concen: 38.932 ng
RT: 10.080 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 632992

Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.9	46.3
169	13.5	10.9	16.3

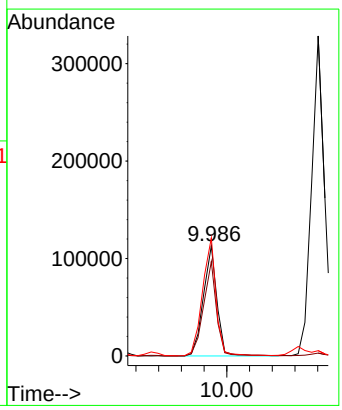


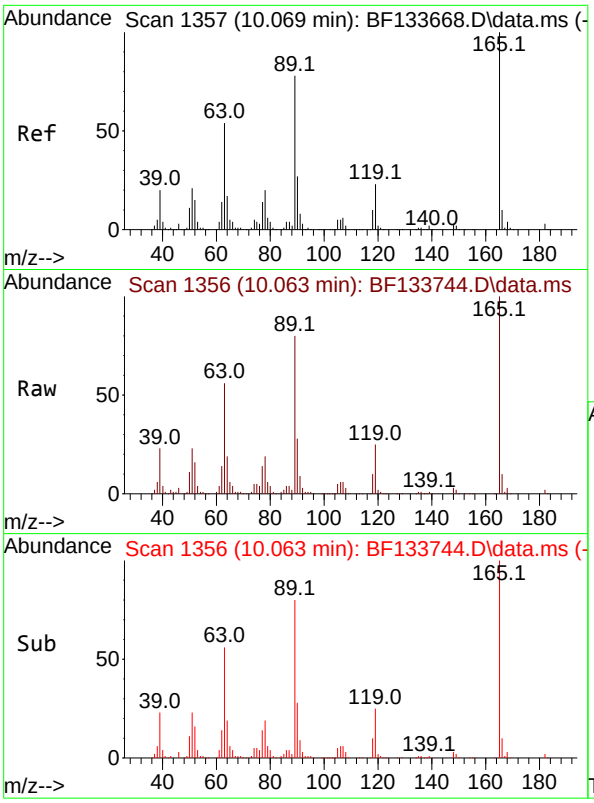


#56
4-Nitrophenol
Concen: 40.972 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:139 Resp: 93726

Ion	Ratio	Lower	Upper
139	100		
109	85.7	50.7	90.7
65	107.2	67.1	107.1#



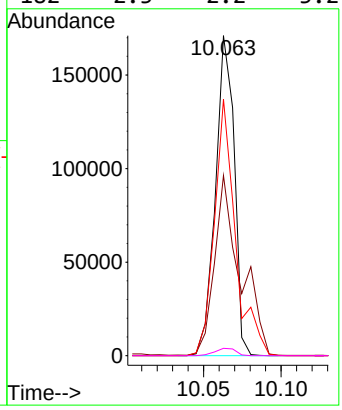


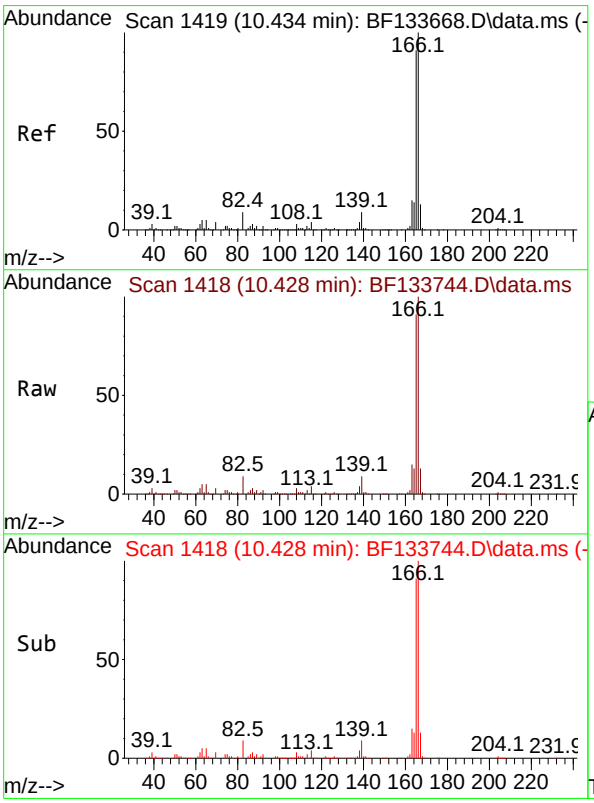
#57
2,4-Dinitrotoluene
Concen: 40.657 ng
RT: 10.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 144024

Ion	Ratio	Lower	Upper
165	100		
63	56.3	43.0	64.6
89	80.2	62.6	93.8
182	2.3	2.2	3.2

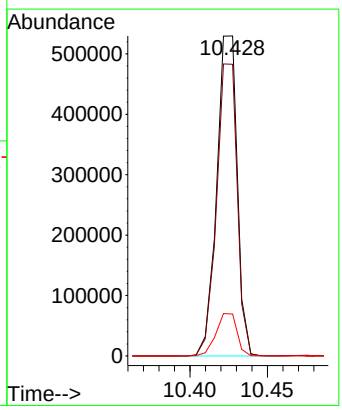


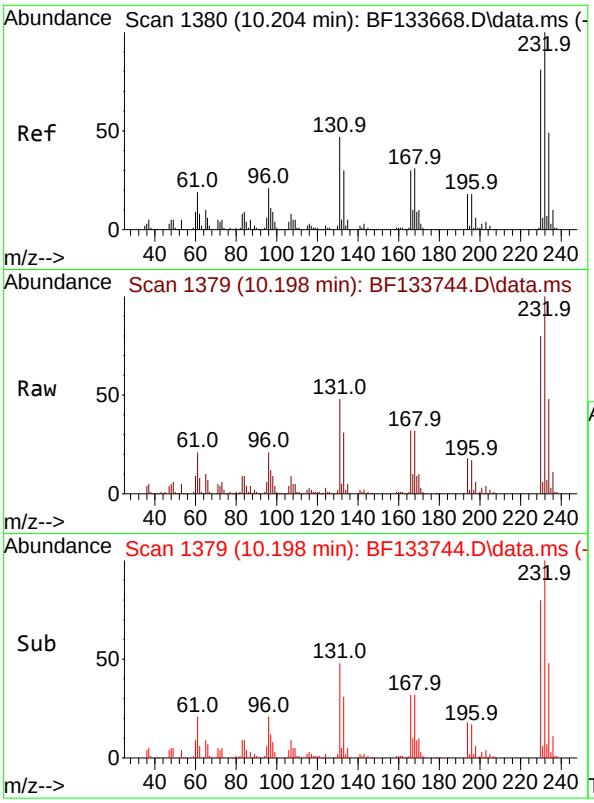


#58
Fluorene
Concen: 39.291 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:166 Resp: 488538

Ion	Ratio	Lower	Upper
166	100		
165	91.2	73.1	109.7
167	13.1	10.5	15.7



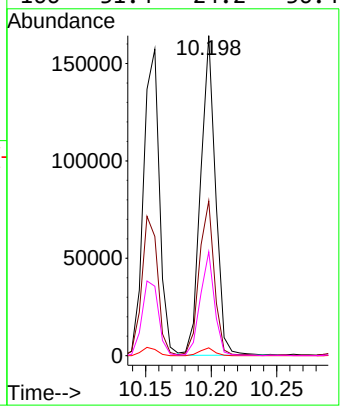


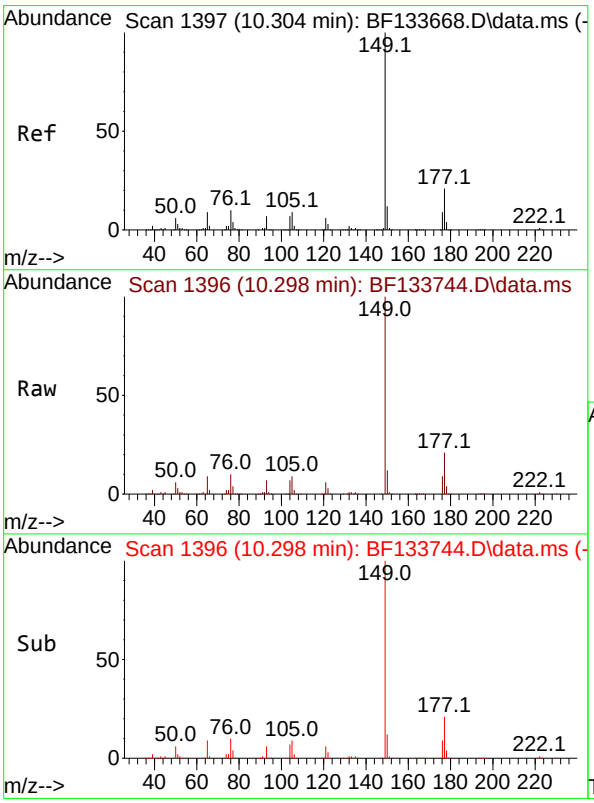
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.527 ng
RT: 10.198 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 129643

Ion	Ratio	Lower	Upper
232	100		
131	49.0	38.0	57.0
130	2.4	1.8	2.8
166	31.4	24.2	36.4

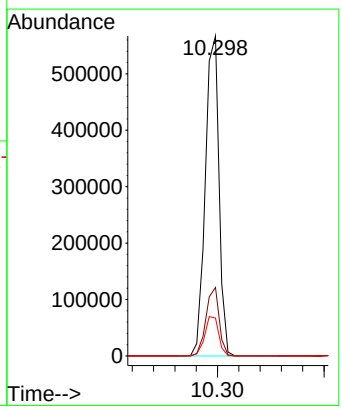


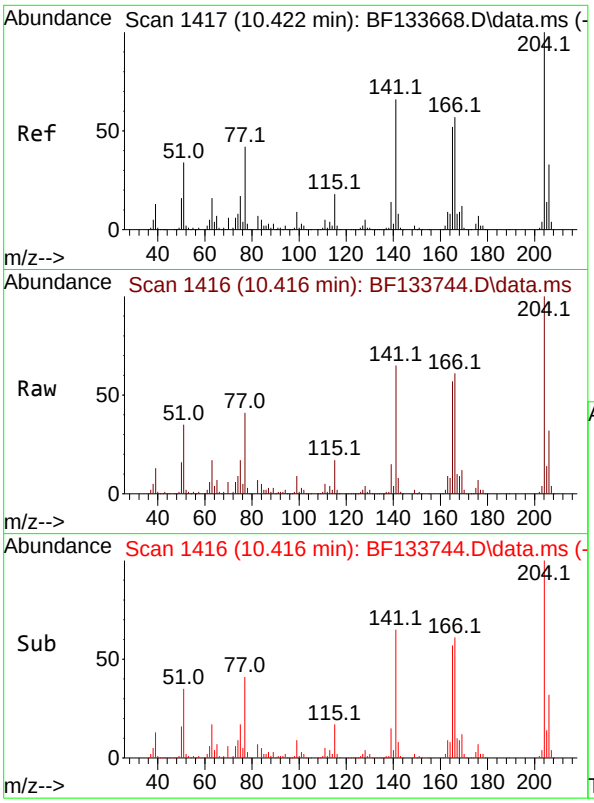


#60
Diethylphthalate
Concen: 36.969 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:149 Resp: 507730

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	11.8	10.0	15.0



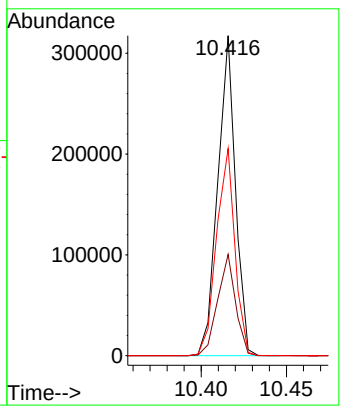


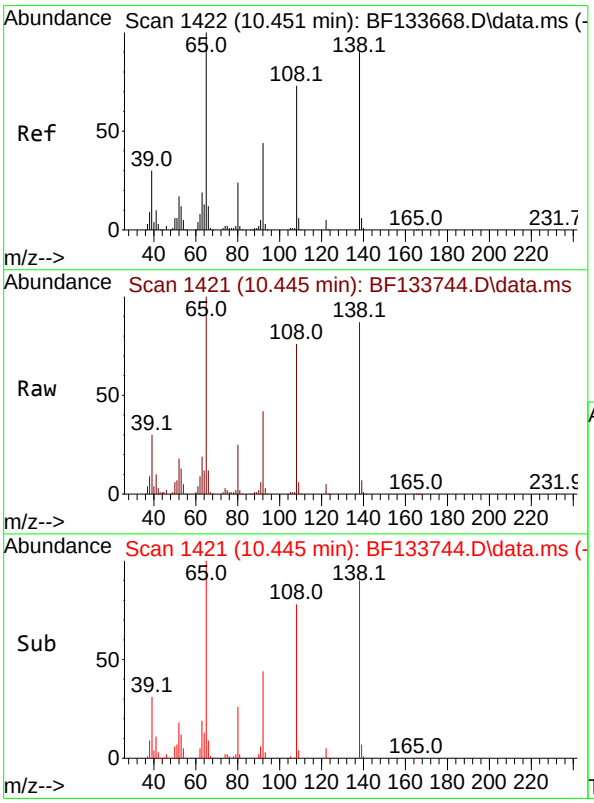
#61
4-Chlorophenyl-phenylether
Concen: 37.399 ng
RT: 10.416 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 229560

Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.4	39.6
141	64.8	52.8	79.2

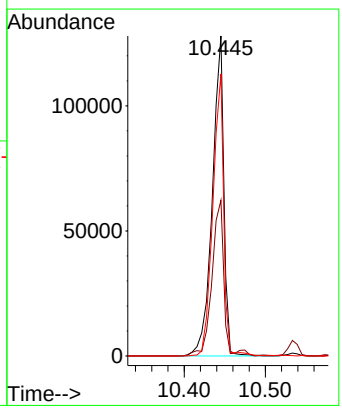


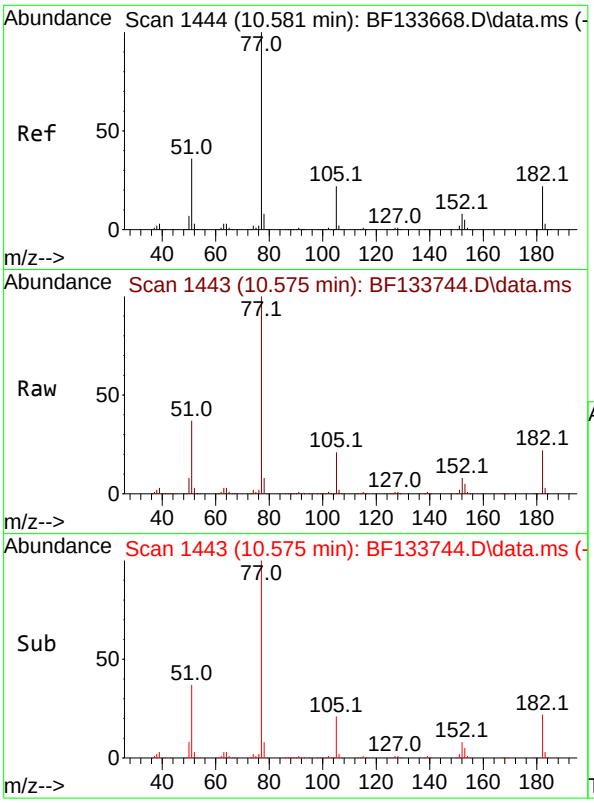


#62
4-Nitroaniline
Concen: 37.835 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:138 Resp: 125741

Ion	Ratio	Lower	Upper
138	100		
92	48.7	28.9	68.9
108	88.1	61.0	101.0



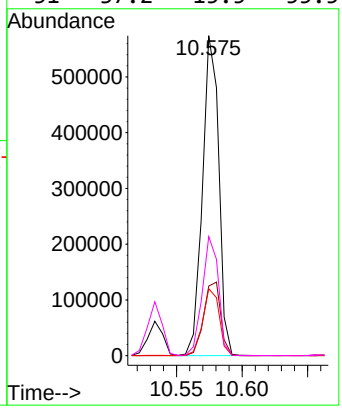


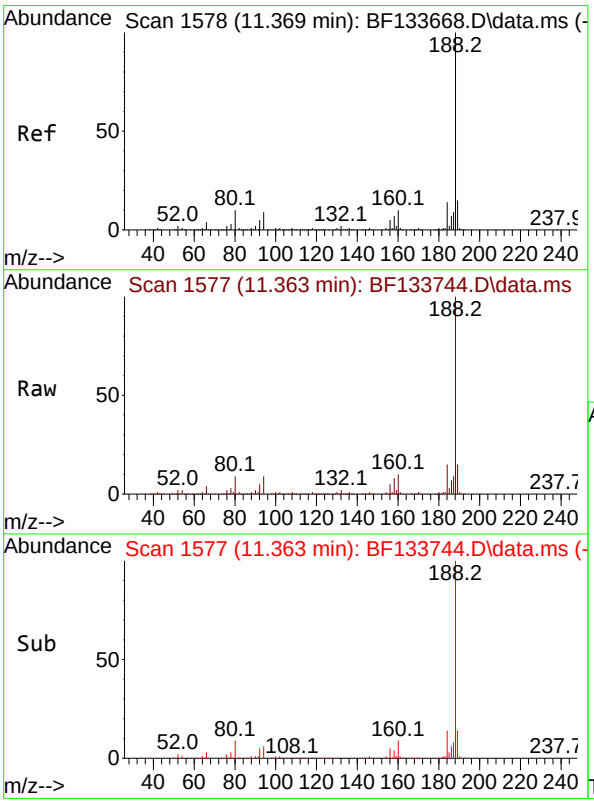
#63
Azobenzene
Concen: 38.254 ng
RT: 10.575 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 497363

Ion	Ratio	Lower	Upper
77	100		
182	21.8	1.6	41.6
105	20.9	1.6	41.6
51	37.2	15.5	55.5

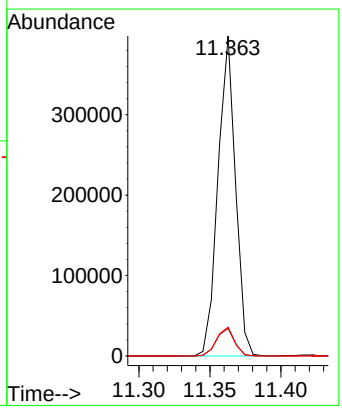


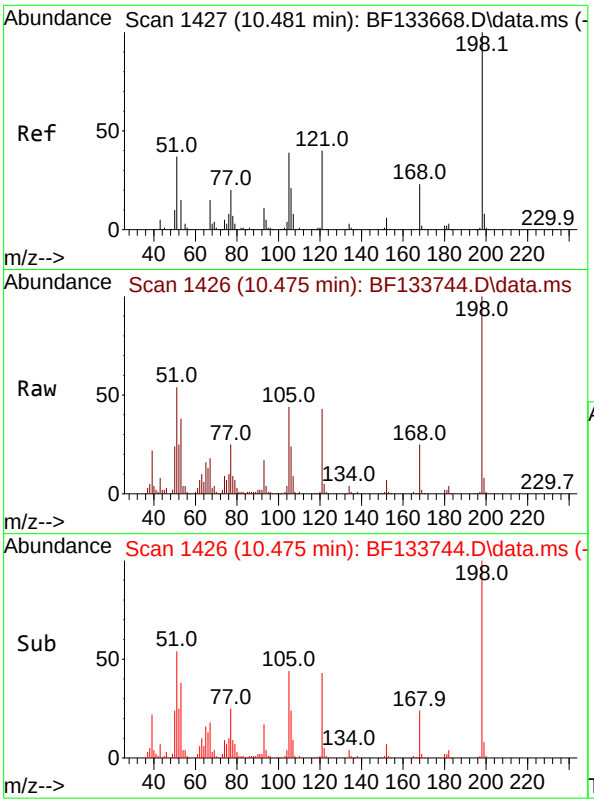


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:188 Resp: 340537

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	9.0	7.8	11.6



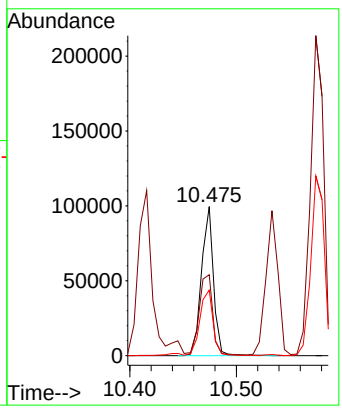


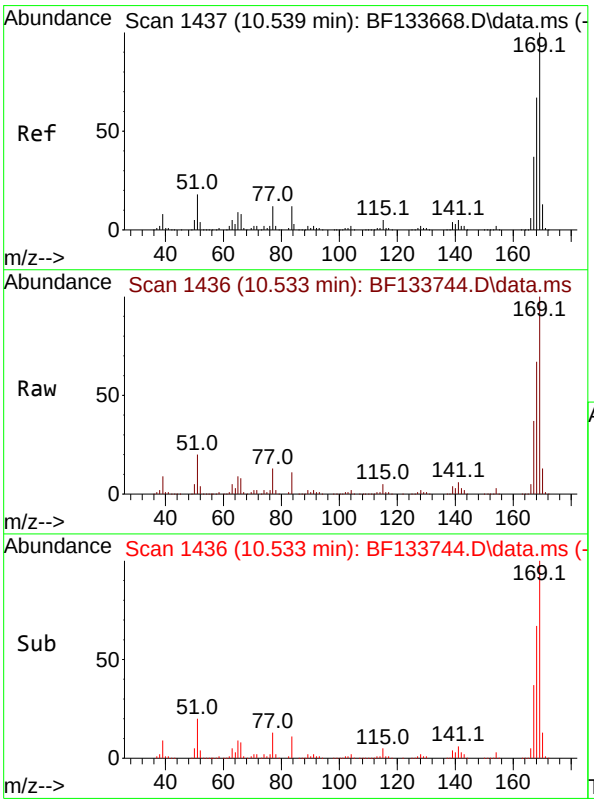
#65
4,6-Dinitro-2-methylphenol
Concen: 47.971 ng
RT: 10.475 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 78061

Ion	Ratio	Lower	Upper
198	100		
51	54.3	27.5	67.5
105	44.0	21.0	61.0

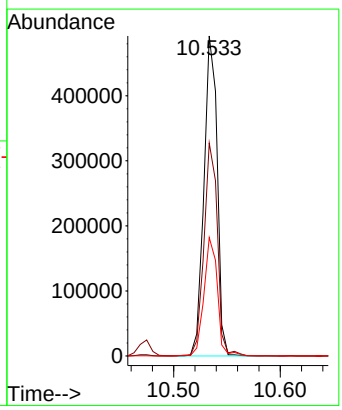


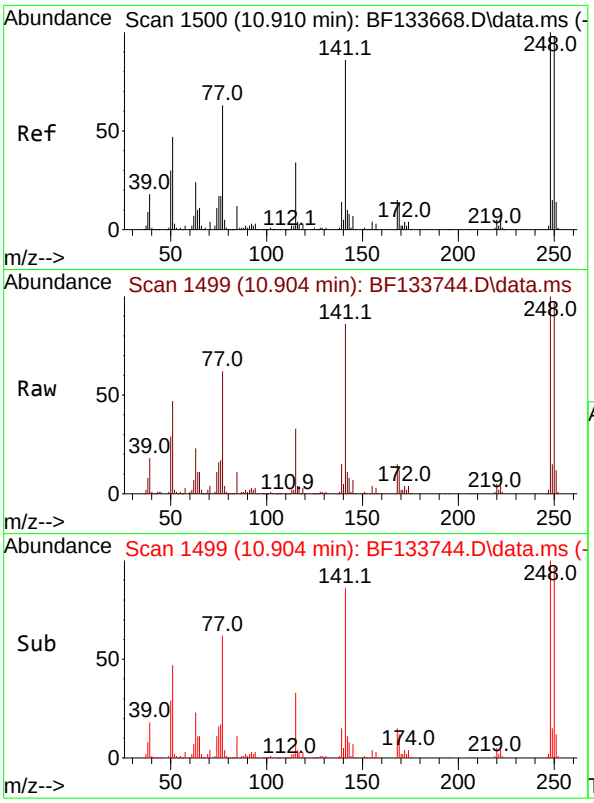


#66
n-Nitrosodiphenylamine
Concen: 37.227 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:169 Resp: 425824

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.7	80.5
167	37.0	29.8	44.8



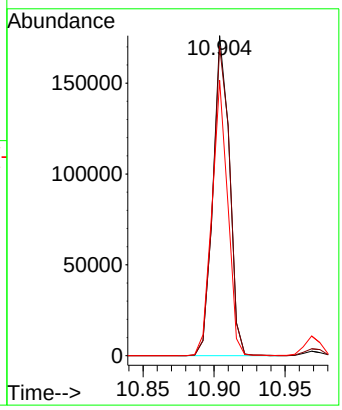


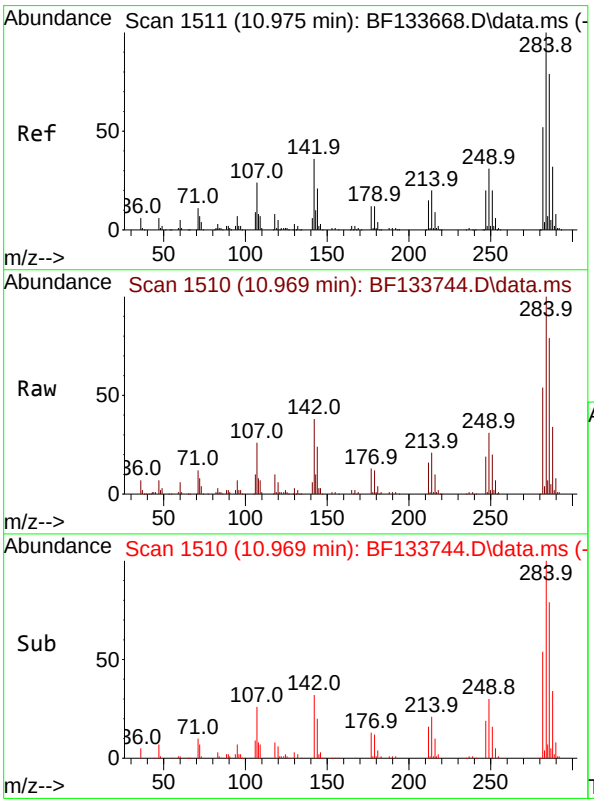
#67
4-Bromophenyl-phenylether
Concen: 37.275 ng
RT: 10.904 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 141678

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.3	117.5
141	86.0	69.0	103.6

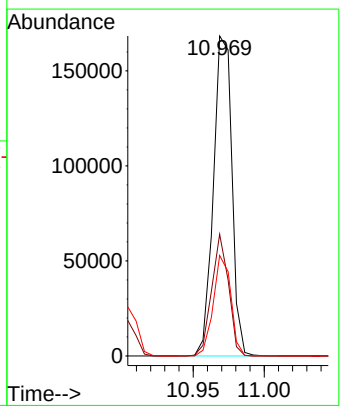


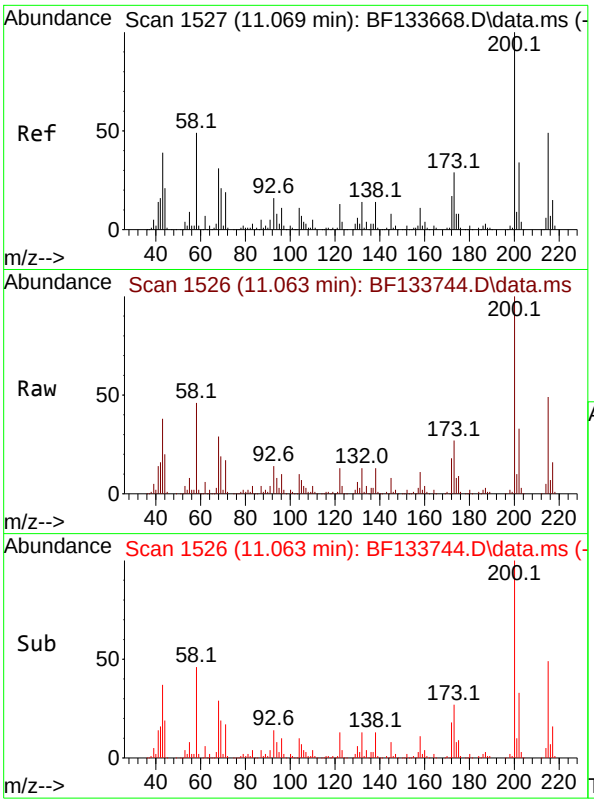


#68
Hexachlorobenzene
Concen: 38.097 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:284 Resp: 152268

Ion	Ratio	Lower	Upper
284	100		
142	38.1	28.6	42.8
249	31.4	24.6	36.8



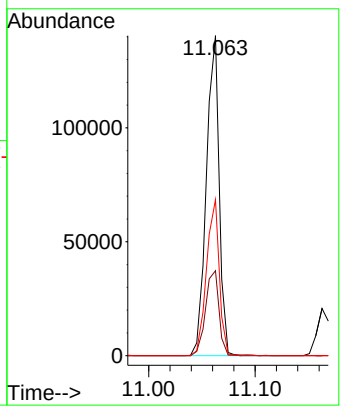


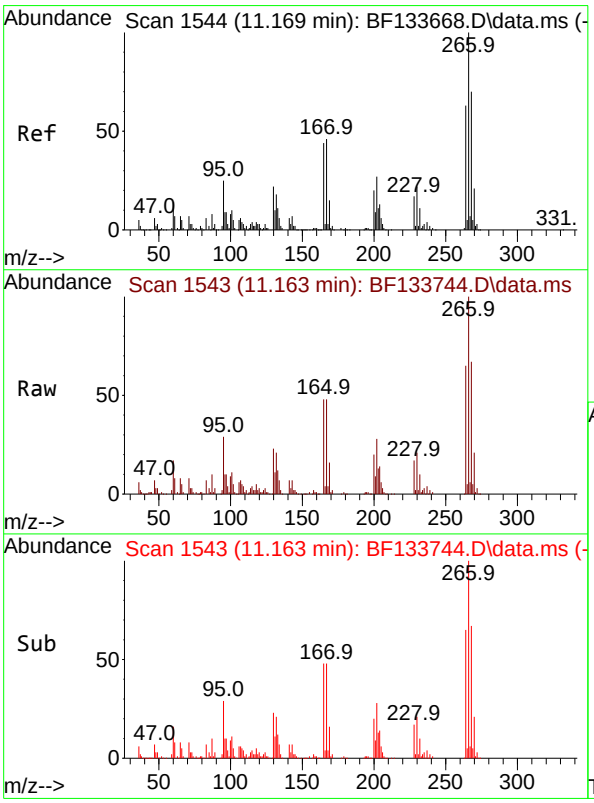
#69
Atrazine
Concen: 35.491 ng
RT: 11.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 117792

Ion	Ratio	Lower	Upper
200	100		
173	26.5	8.7	48.7
215	48.7	29.0	69.0

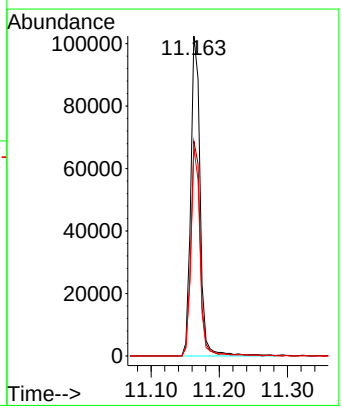


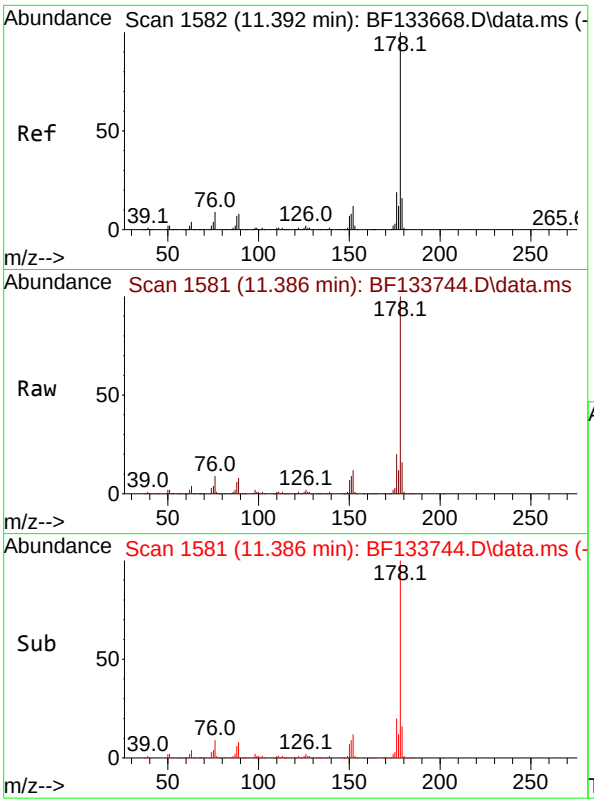


#70
Pentachlorophenol
Concen: 40.392 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:266 Resp: 96673

Ion	Ratio	Lower	Upper
266	100		
268	67.1	55.7	83.5
264	64.9	50.7	76.1



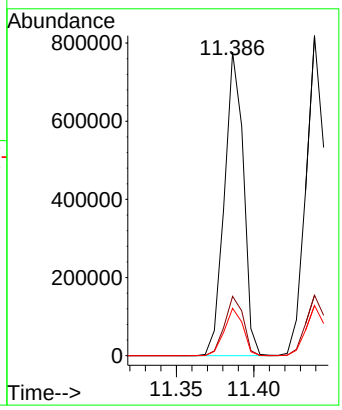


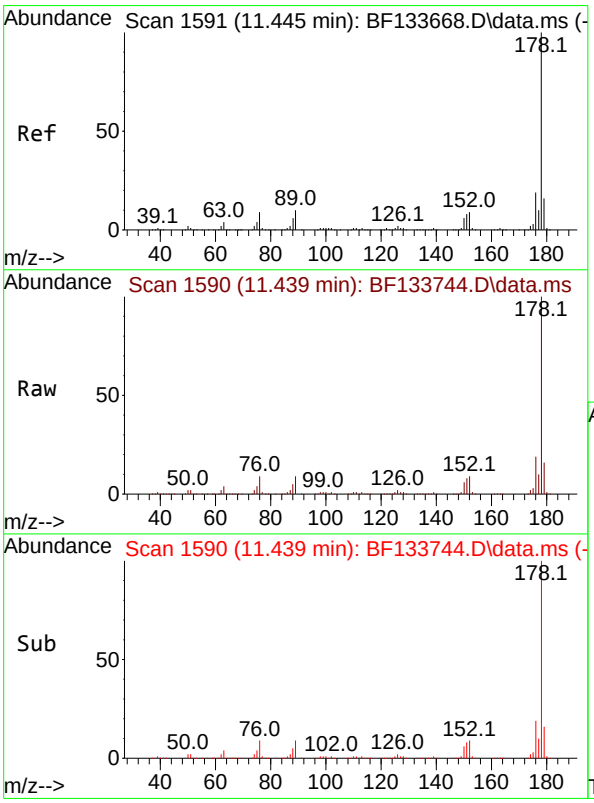
#71
Phenanthrene
Concen: 38.356 ng
RT: 11.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 662686

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.6	12.4	18.6

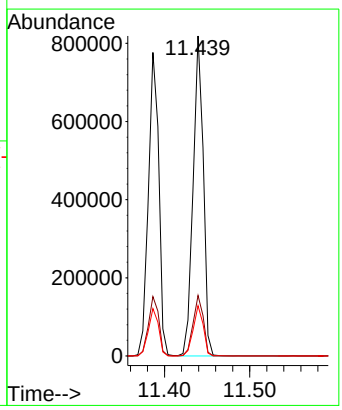


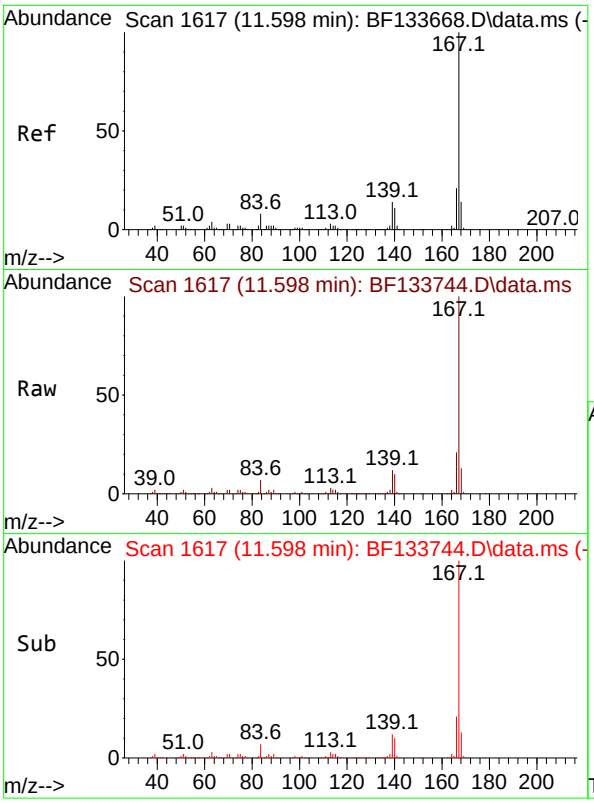


#72
Anthracene
Concen: 37.842 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:178 Resp: 681718

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.7	12.6	18.8



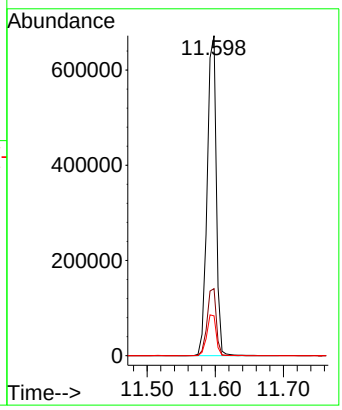


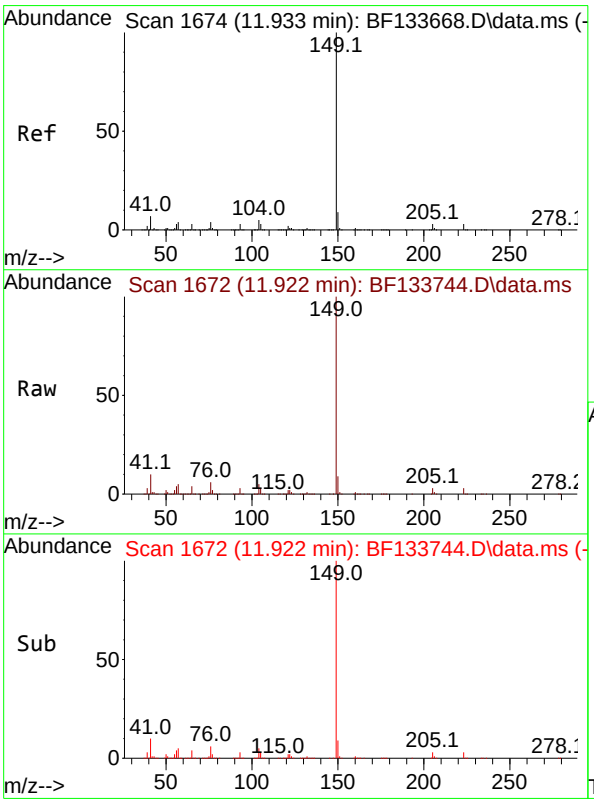
#73
Carbazole
Concen: 37.196 ng
RT: 11.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 624092

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.5	11.2	16.8

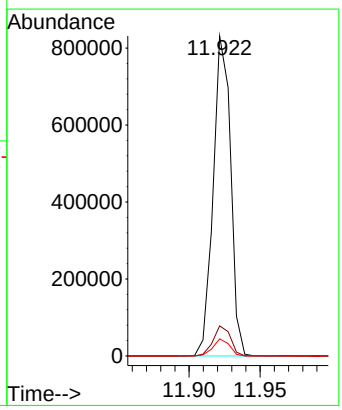


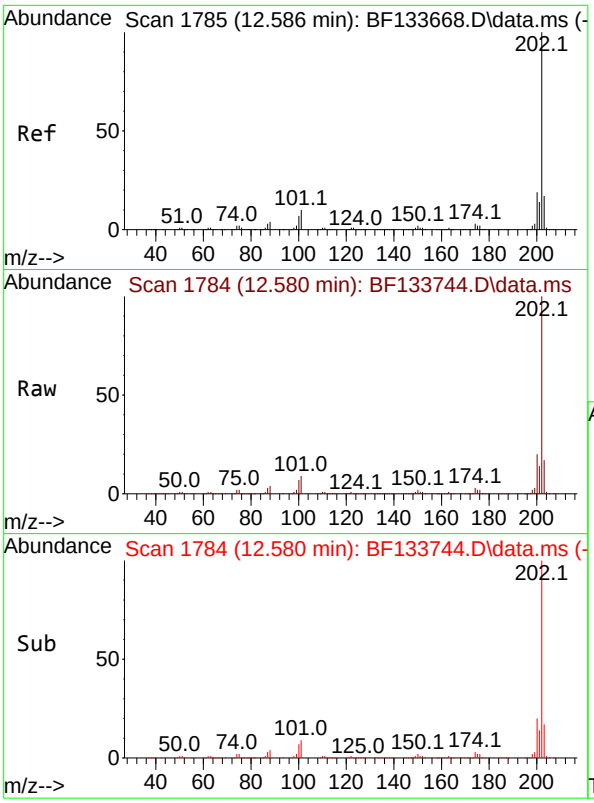


#74
Di-n-butylphthalate
Concen: 32.872 ng
RT: 11.922 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:149 Resp: 707071

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.4	3.8	5.8



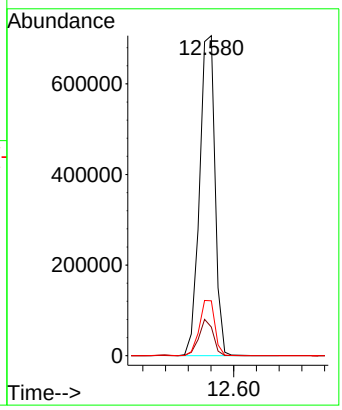


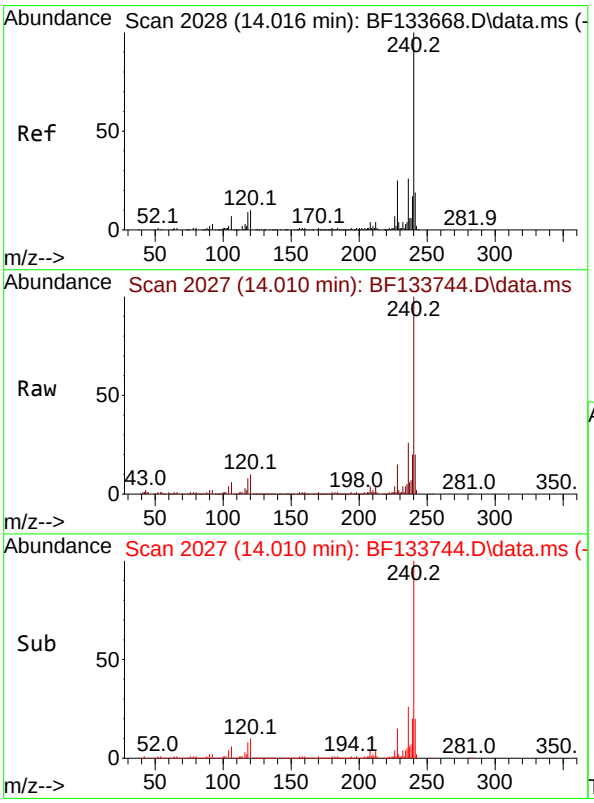
#75
Fluoranthene
Concen: 36.387 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 667592

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.6
203	17.2	0.0	37.4

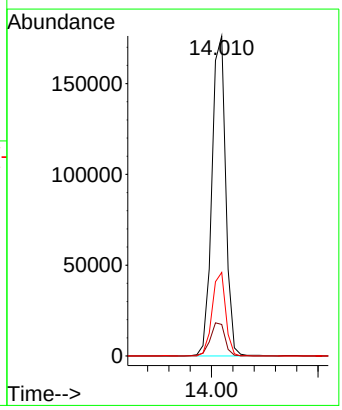


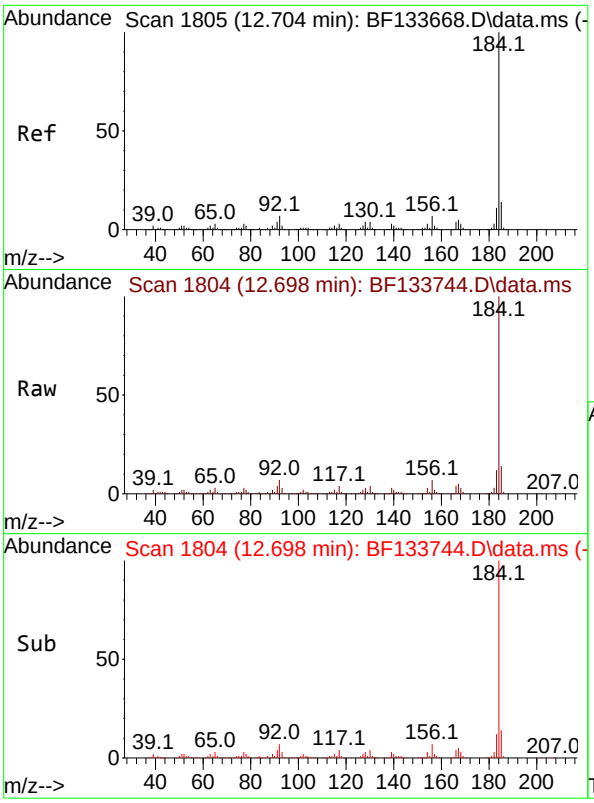


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:240 Resp: 158158

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.1	12.1
236	26.1	20.5	30.7



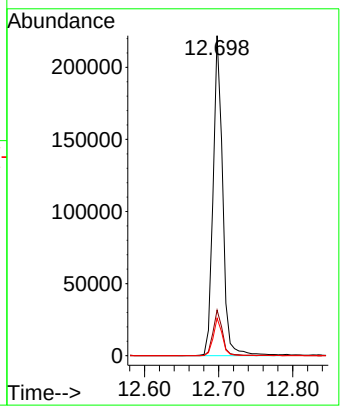


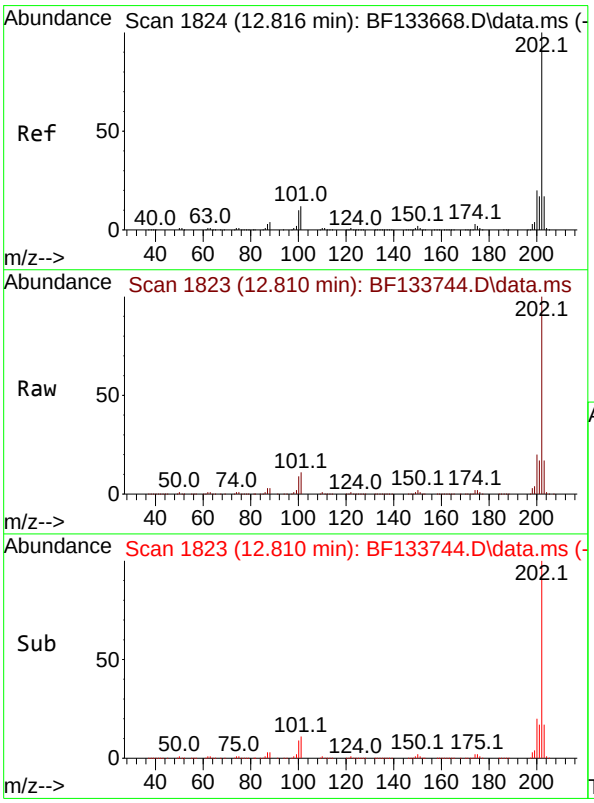
#77
Benzidine
Concen: 37.379 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 198377

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	11.7	8.4	12.6

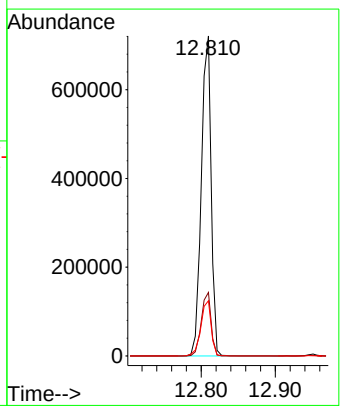


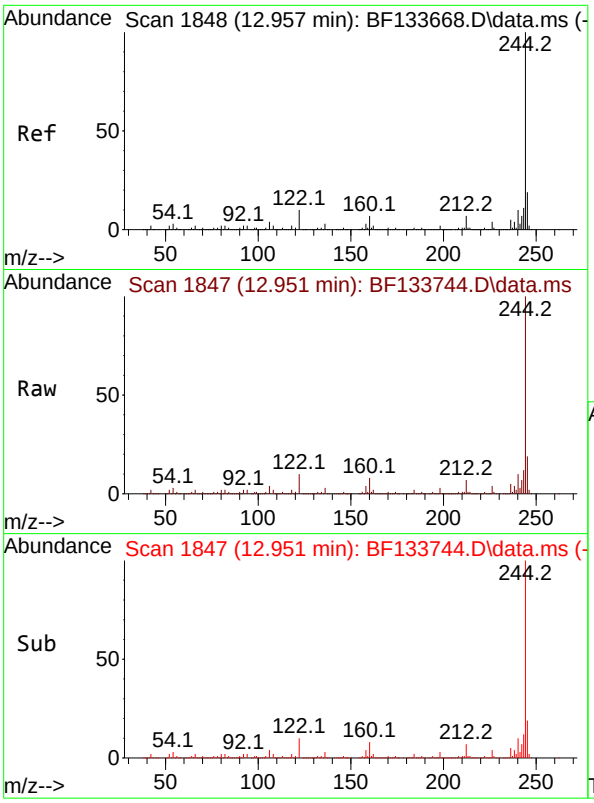


#78
Pyrene
Concen: 45.089 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:202 Resp: 664290

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.2	24.2
203	17.3	13.9	20.9



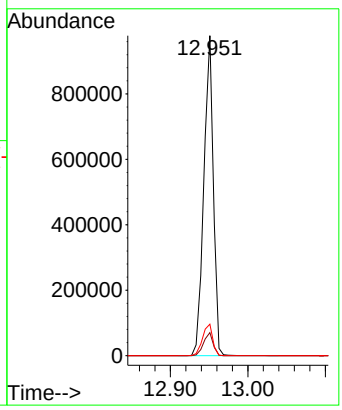


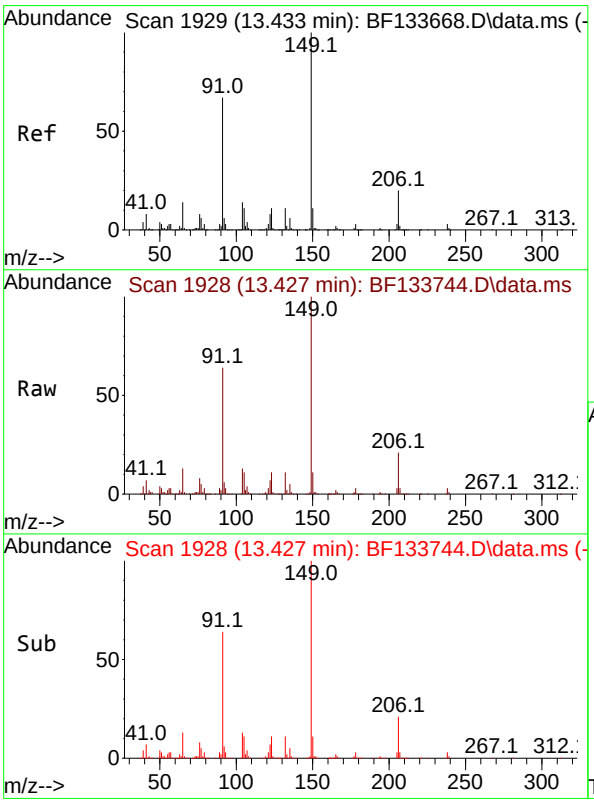
#79
Terphenyl-d14
Concen: 81.463 ng
RT: 12.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 832657

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	9.8	8.1	12.1

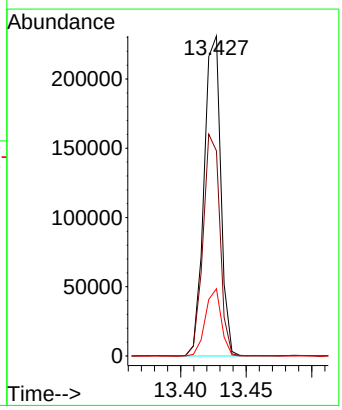


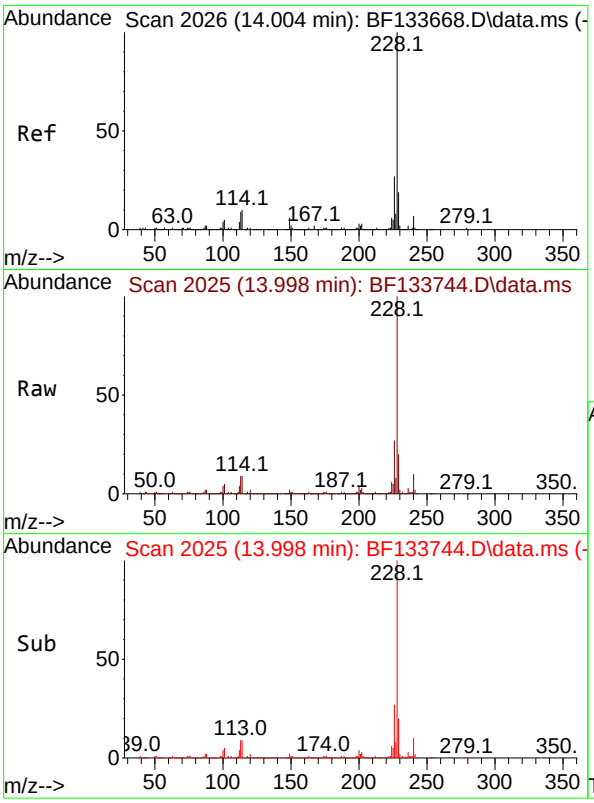


#80
Butylbenzylphthalate
Concen: 33.058 ng
RT: 13.427 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:149 Resp: 205614

Ion	Ratio	Lower	Upper
149	100		
91	64.1	54.0	81.0
206	21.0	15.6	23.4



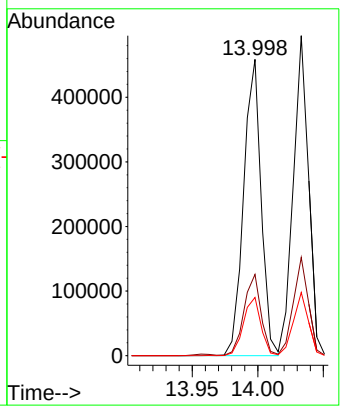


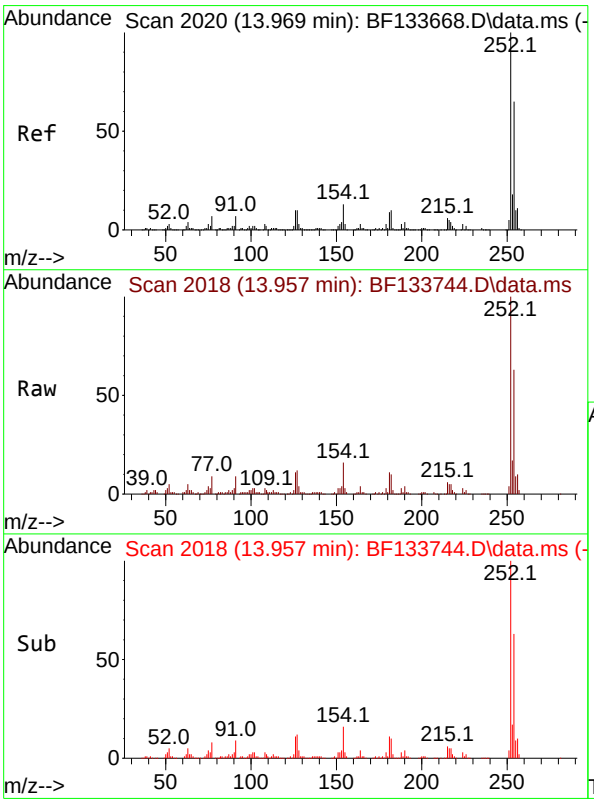
#81
Benzo(a)anthracene
Concen: 38.972 ng
RT: 13.998 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 426349

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	19.7	15.4	23.2

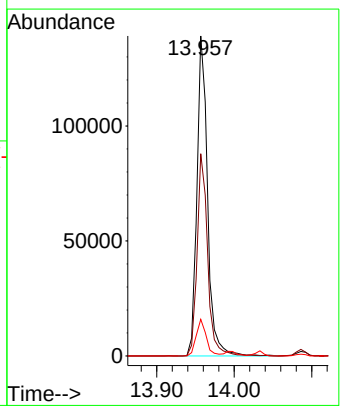


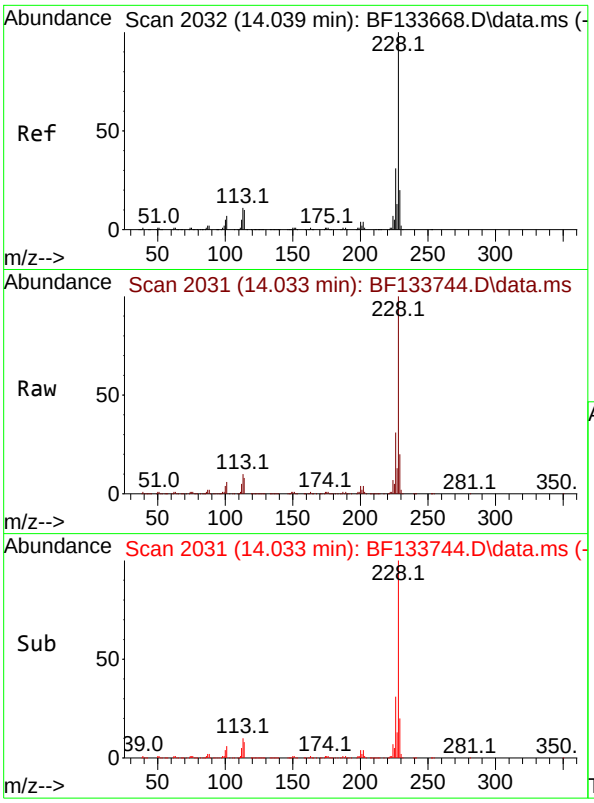


#82
3,3'-Dichlorobenzidine
Concen: 36.449 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:252 Resp: 132566

Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.9	77.9
126	11.5	7.7	11.5



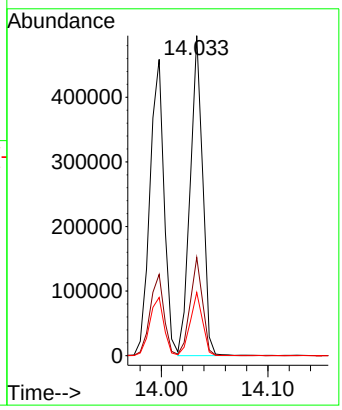


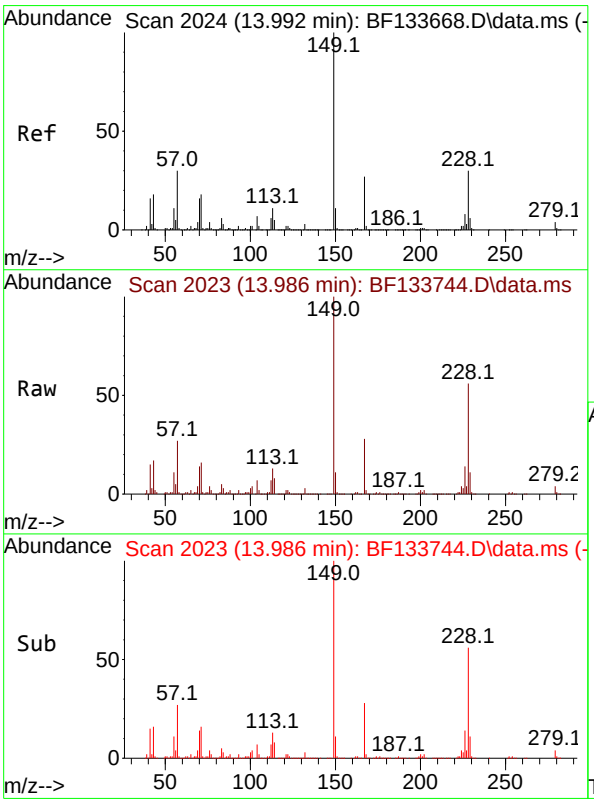
#83
Chrysene
Concen: 38.994 ng
RT: 14.033 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 403476

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.8	15.8	23.8

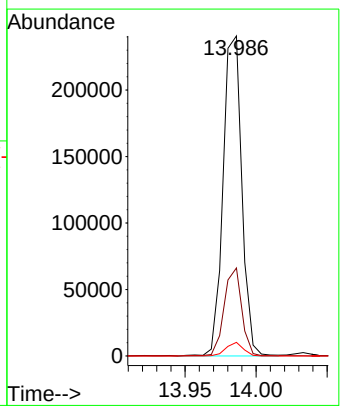


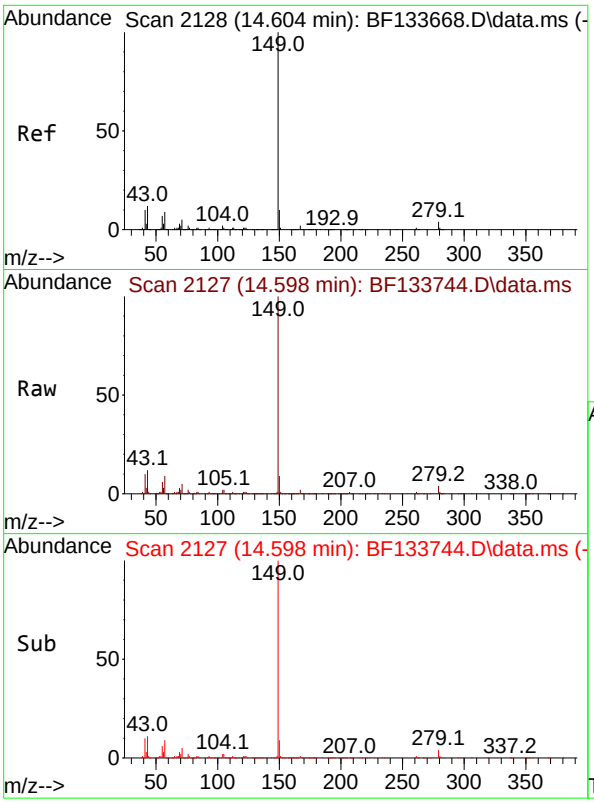


#84
Bis(2-ethylhexyl)phthalate
Concen: 28.786 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:149 Resp: 220454

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.3	3.3	4.9



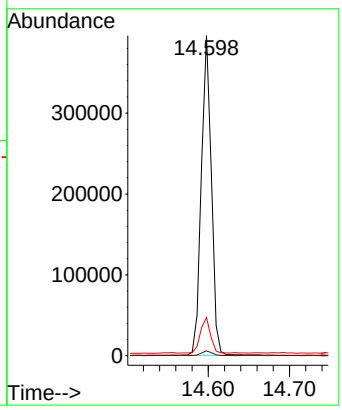


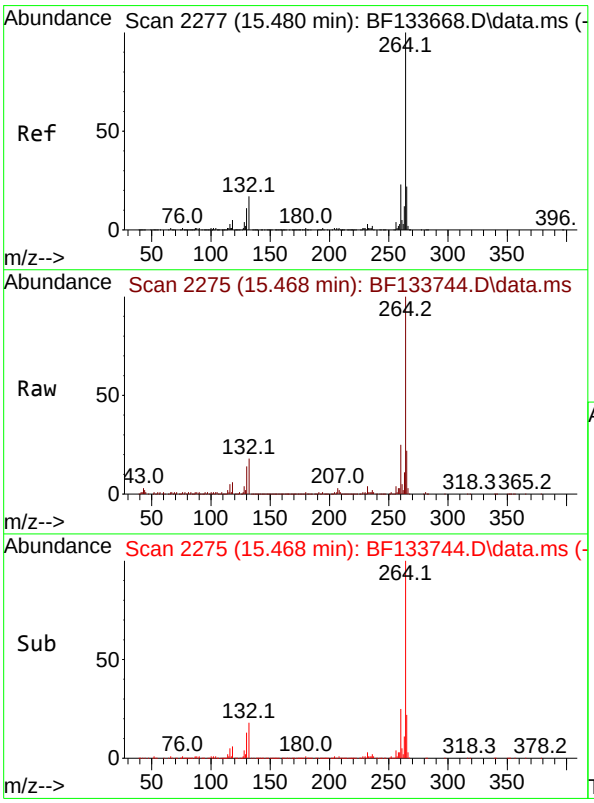
#85
Di-n-octyl phthalate
Concen: 31.261 ng
RT: 14.598 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 340212

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.9	8.7	13.1

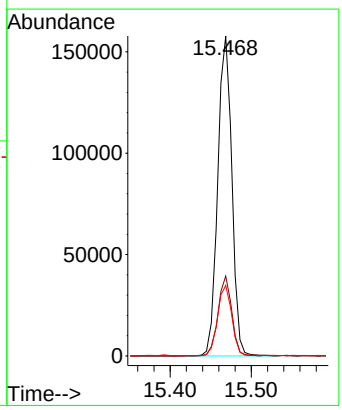


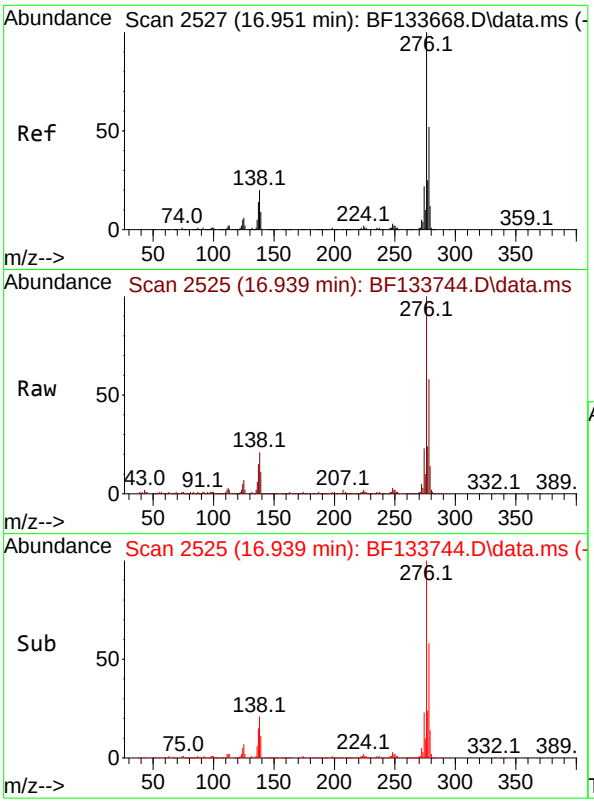


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:264 Resp: 191011

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.2
265	22.0	17.8	26.6



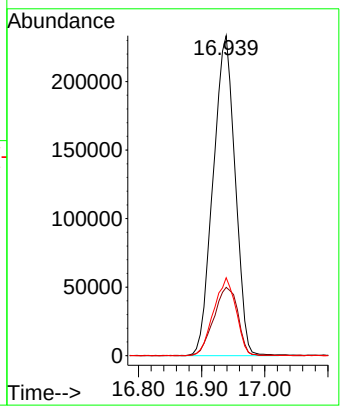


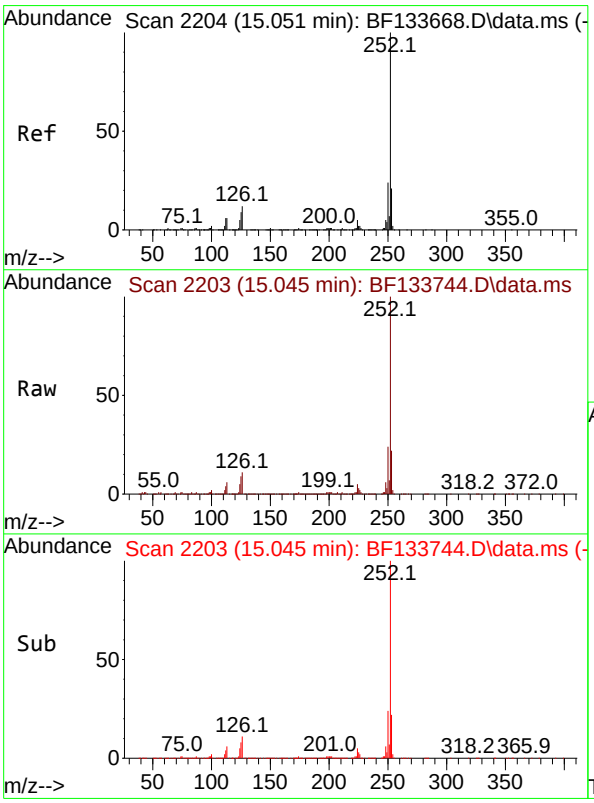
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.016 ng
RT: 16.939 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 565278

Ion	Ratio	Lower	Upper
276	100		
138	23.5	17.9	26.9
277	24.9	20.3	30.5

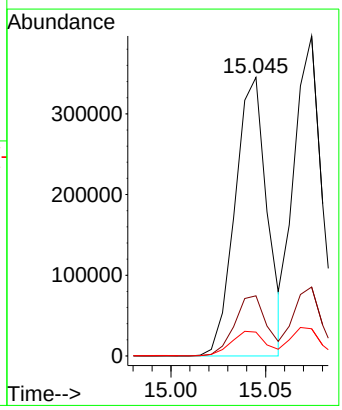


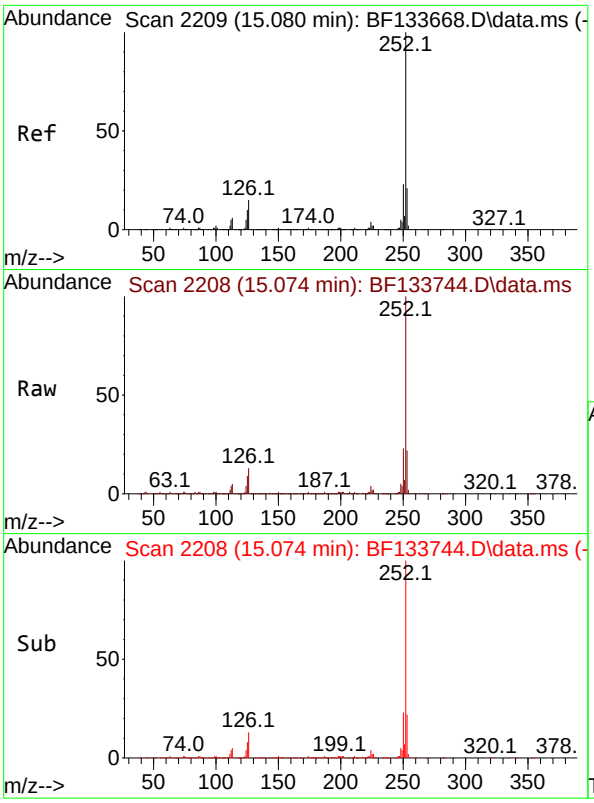


#88
Benzo(b)fluoranthene
Concen: 35.073 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:252 Resp: 406957

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	8.5	7.3	10.9



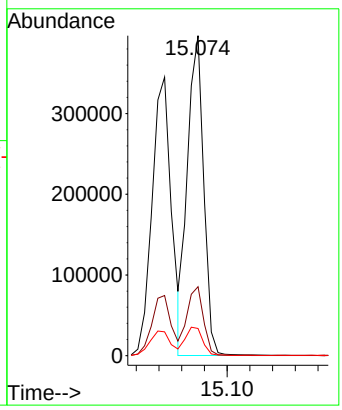


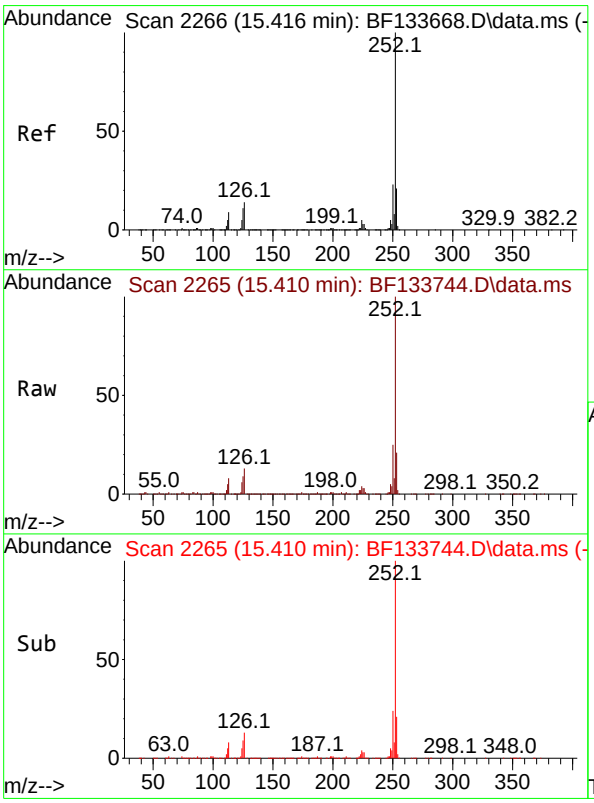
#89
Benzo(k)fluoranthene
Concen: 34.953 ng
RT: 15.074 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 395070

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	8.5	7.8	11.6

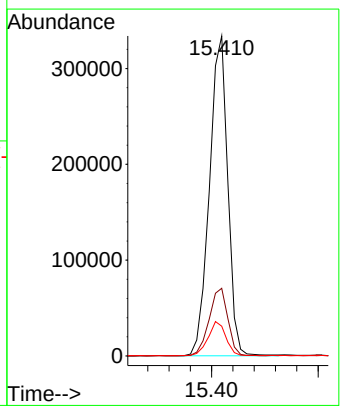


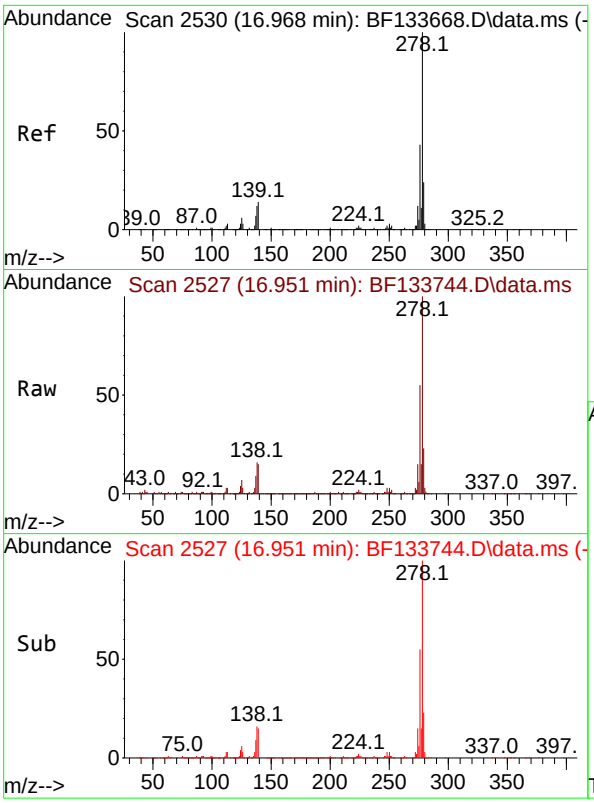


#90
Benzo(a)pyrene
Concen: 37.043 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:252 Resp: 398895

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	9.3	8.6	13.0



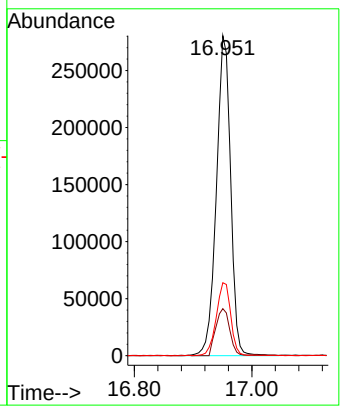


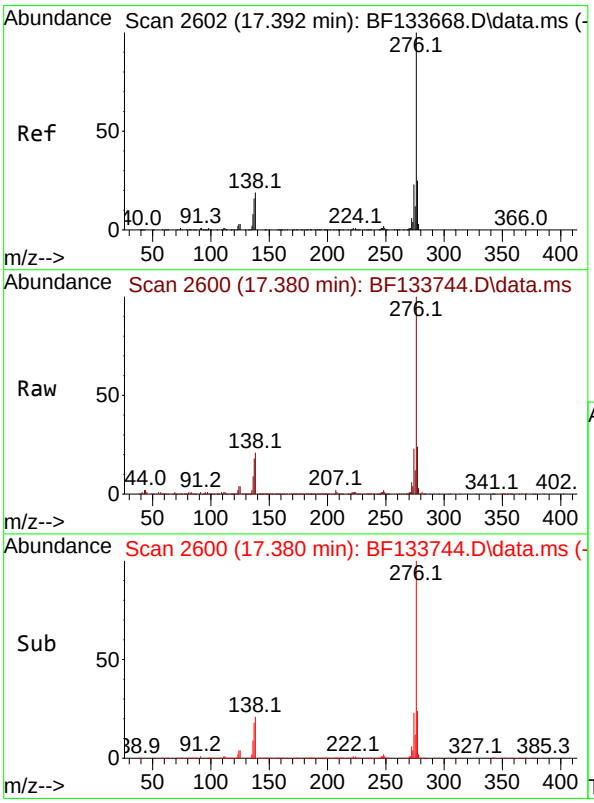
#91
Dibenzo(a,h)anthracene
Concen: 43.308 ng
RT: 16.951 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

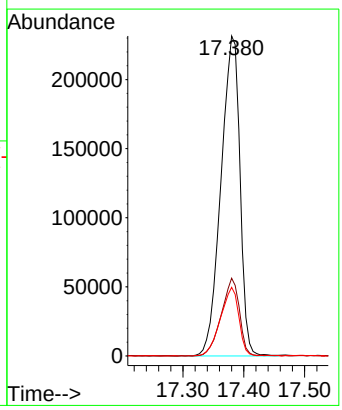
Tgt Ion:278 Resp: 471166

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.4	17.2
279	22.8	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 46.490 ng
RT: 17.380 min Scan# 2600
Delta R.T. 0.000 min
Lab File: BF133744.D
Acq: 14 Jun 2023 10:29

Tgt Ion:276 Resp: 501468

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	21.5	15.0	22.4