Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
Data File : BF111664.D
Acq On : 21 Dec 2018 2:59
Operator : JU/SJ
Sample : J6447-10MSD 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01MSD

Quant Time: Dec 21 06:24:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	191700	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	710466	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	303260	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	475330	20.00	ng		0.00
76) Chrysene-d12	14.04	240	490482	20.00	ng		0.00
87) Perylene-d12	15.52	264	353206	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	88717	7.89	ng		0.00
7) Phenol-d6	6.51	99	113723	7.95	ng		-0.01
23) Nitrobenzene-d5	7.45	82	61955	5.08	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	20686	5.77	ng		-0.01
45) 2-Fluorobiphenyl	9.25	172	124441	5.98	ng		0.00
79) Terphenyl-d14	12.99	244	105618	4.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	10981	2.075	ng	#	86
4) n-Nitrosodimethylamine	3.38	42	18075	2.679	ng	#	70
8) 2-Chlorophenol	6.67	128	32080	2.575	ng		99
10) Phenol	6.52	94	47304	2.929	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	29781	2.461	ng		96
12) 1,3-Dichlorobenzene	6.84	146	37797	2.618	ng		94
13) 1,4-Dichlorobenzene	6.91	146	37054	2.531	ng		95
14) 1,2-Dichlorobenzene	6.91	146	37054	2.712	ng		98
15) Benzyl Alcohol	7.02	79	27482	2.418	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.17	45	50828	2.281	ng		97
17) 2-Methylphenol	7.13	107	24617	2.468	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	22479	2.365	ng		94
20) 3+4-Methylphenols	7.29	107	33492	2.657	ng	#	81
22) Acetophenone	7.29	105	44839	2.491	ng	#	92
24) Nitrobenzene	7.46	77	32073	2.507	ng		94
25) Isophorone	7.70	82	58529	2.701	ng		96
26) 2-Nitrophenol	7.79	139	11314	2.181	ng		93
27) 2,4-Dimethylphenol	7.82	122	27232	2.663	ng		93
28) bis(2-Chloroethoxy)methane	7.92	93	35394	2.455	ng		98
29) 2,4-Dichlorophenol	8.03	162	25750	2.341	ng		92
30) 1,2,4-Trichlorobenzene	8.12	180	30139	2.459	ng		95
31) Naphthalene	8.20	128	91530	2.681	ng		96
34) Hexachlorobutadiene	8.32	225	17178	2.299	ng		92
36) 4-Chloro-3-methylphenol	8.71	107	23195	2.145	ng		93
37) 2-Methylnaphthalene	8.89	142	60418	2.720	ng		96
38) 1-Methylnaphthalene	8.99	142	55701	2.611	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	27139	2.723	ng	#	97
43) 2,4,6-Trichlorophenol	9.16	196	15422	2.318	ng		90
44) 2,4,5-Trichlorophenol	9.20	196	16001	2.344	ng	#	89
46) 1,1'-Biphenyl	9.35	154	70348	2.748	ng		93
47) 2-Chloronaphthalene	9.37	162	52256	2.576	ng		91
48) 2-Nitroaniline	9.46	65	14050	2.663	ng		90
49) Acenaphthylene	9.79	152	79914	2.699	ng		93
50) Dimethylphthalate	9.64	163	69114	3.117	ng		97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
Data File : BF111664.D
Acq On : 21 Dec 2018 2:59
Operator : JU/SJ
Sample : J6447-10MSD 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01MSD

Quant Time: Dec 21 06:24:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) 2,6-Dinitrotoluene	9.70	165	10212	2.309	ng	#	92
52) Acenaphthene	9.96	154	46488	2.545	ng		98
55) Dibenzofuran	10.13	168	69885	2.533	ng		91
56) 4-Nitrophenol	10.02	139	13160	3.657	ng		90
58) Fluorene	10.47	166	51886	2.609	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	12127	2.111	ng	#	84
60) Diethylphthalate	10.34	149	55413	2.547	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	26450	2.408	ng		90
62) 4-Nitroaniline	10.47	138	9685	2.113	ng		90
63) Azobenzene	10.63	77	46574	2.133	ng		95
65) 4,6-Dinitro-2-methylphenol	10.50	198	163	6.764	ng	#	2
66) n-Nitrosodiphenylamine	10.58	169	43886	2.750	ng		97
67) 4-Bromophenyl-phenylether	10.96	248	15052	2.553	ng		91
68) Hexachlorobenzene	11.03	284	16348	2.487	ng		91
69) Atrazine	11.10	200	14776	2.666	ng		94
70) Pentachlorophenol	11.22	266	12851	3.162	ng		96
71) Phenanthrene	11.43	178	69942	2.775	ng		94
72) Anthracene	11.49	178	68331	2.701	ng		93
73) Carbazole	11.63	167	58394	2.377	ng		94
74) Di-n-butylphthalate	11.97	149	68777	2.497	ng		97
75) Fluoranthene	12.62	202	69836	2.736	ng		95
78) Pyrene	12.85	202	72760	2.101	ng		93
80) Butylbenzylphthalate	13.47	149	29875	2.116	ng	#	86
81) Benzo(a)anthracene	14.04	228	75147	2.685	ng		97
83) Chrysene	14.07	228	69152	2.514	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	41342	2.325	ng	#	98
85) Di-n-octyl phthalate	14.64	149	73243	2.658	ng	#	98
88) Benzo(b)fluoranthene	15.12	252	53550	2.594	ng		97
89) Benzo(k)fluoranthene	15.12	252	53550	2.725	ng		97
90) Benzo(a)pyrene	15.45	252	48299	2.575	ng		97
91) Dibenzo(a,h)anthracene	17.02	278	37871	2.306	ng	#	87
92) Benzo(g,h,i)perylene	17.44	276	34397	2.145	ng		92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
Data File : BF111664.D
Acq On : 21 Dec 2018 2:59
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Instrument :
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P001-SS025-1218-01MSD

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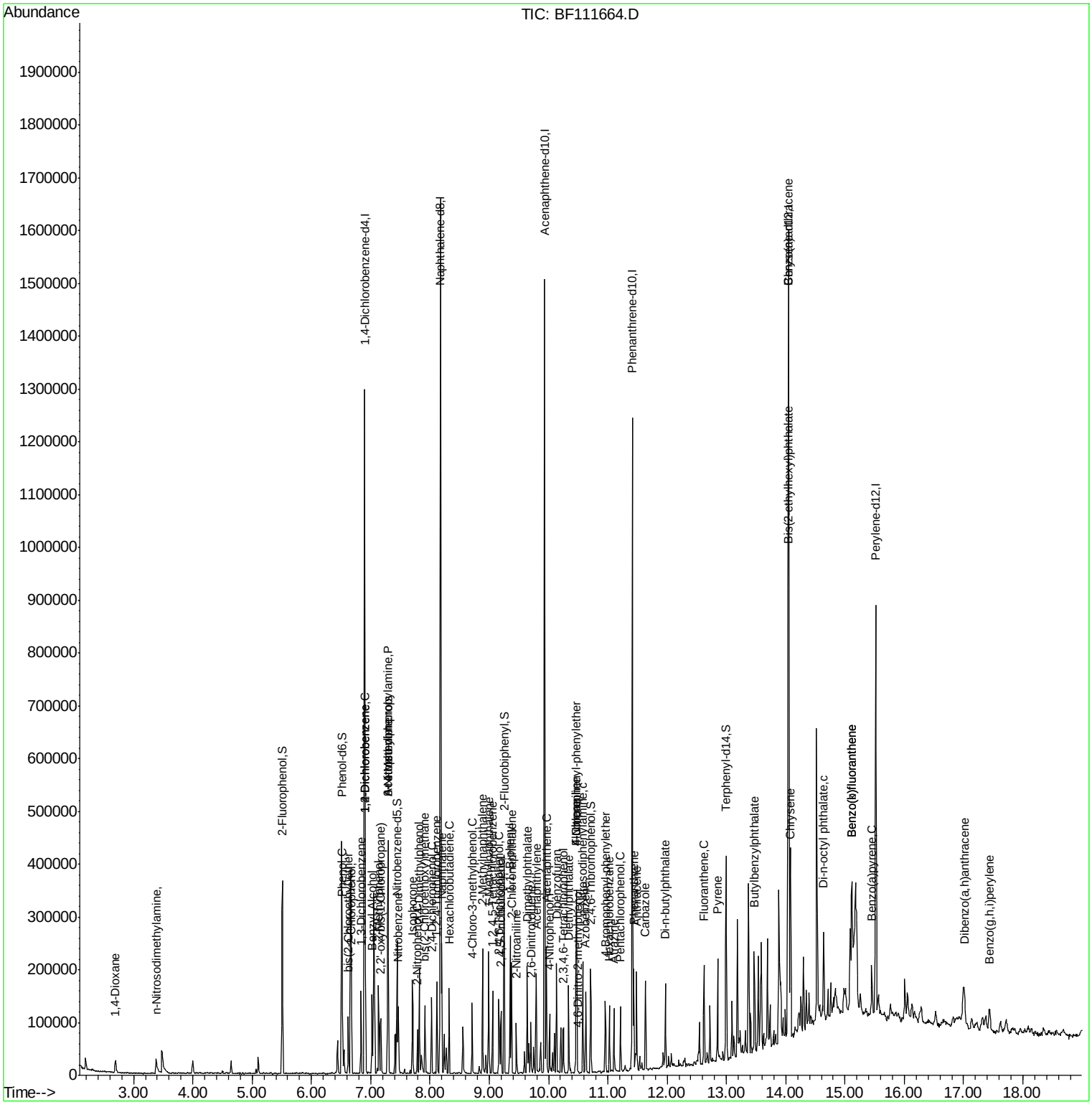
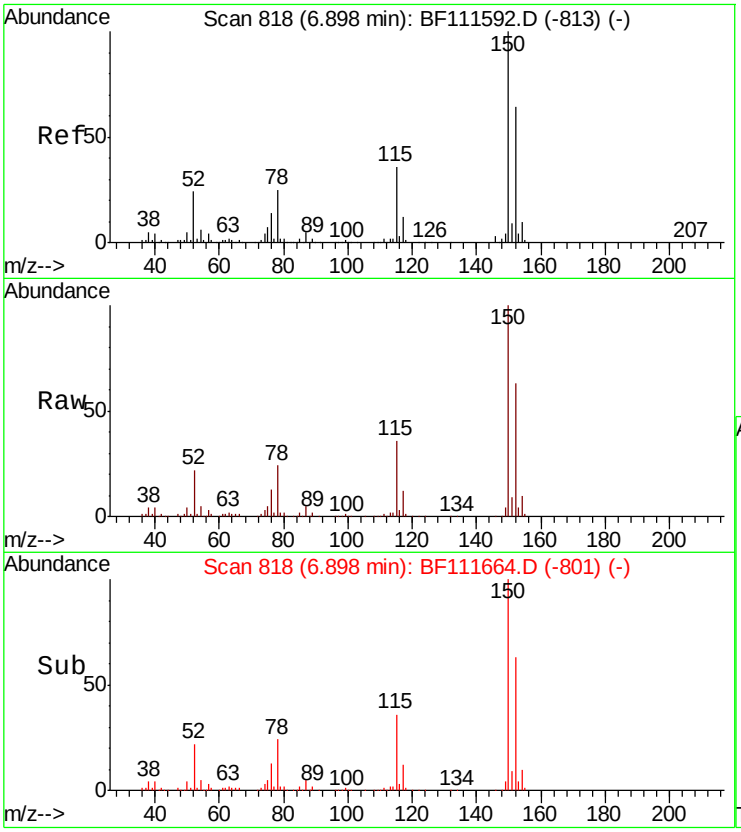


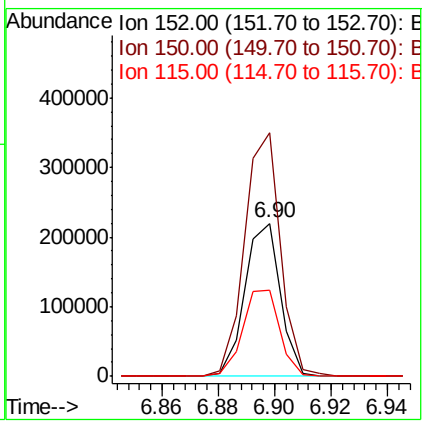


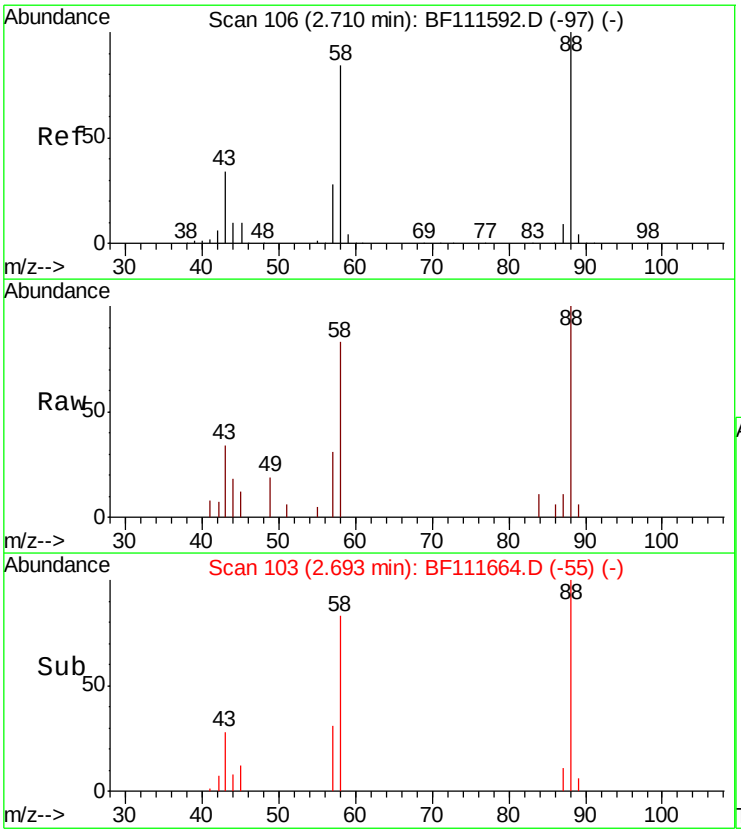
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:152 Resp: 191700

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.6	189.8
115	56.7	50.7	76.1

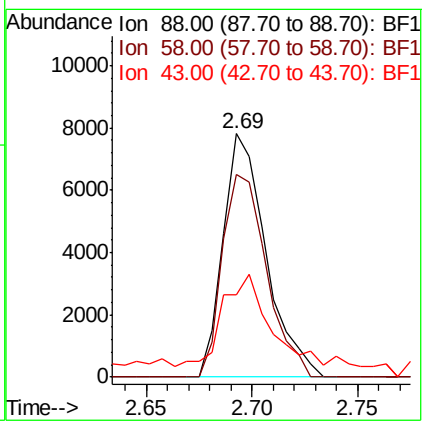


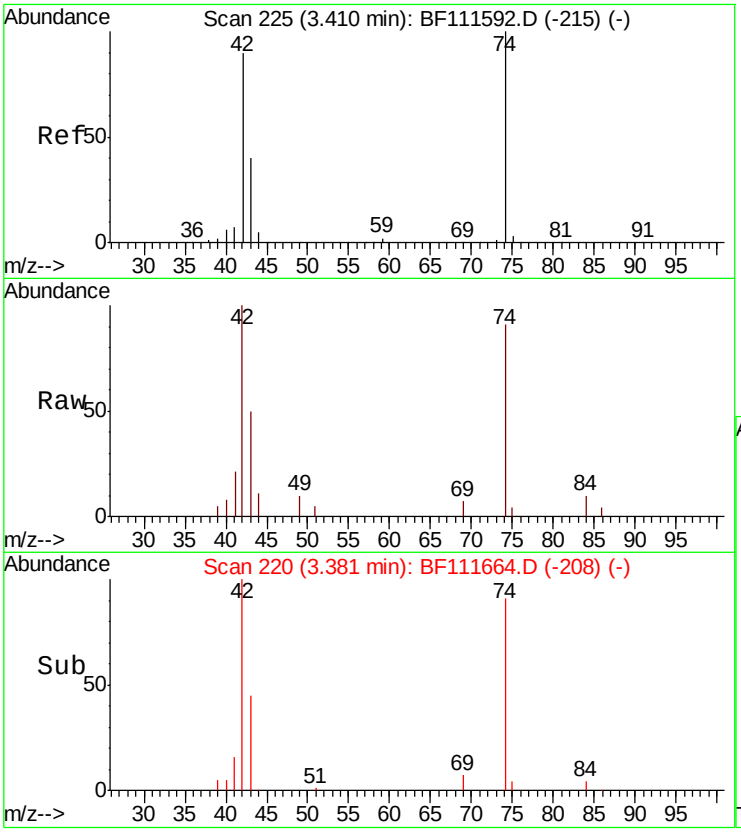


#2
1,4-Dioxane
Concen: 2.075 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.02 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion: 88 Resp: 10981

Ion	Ratio	Lower	Upper
88	100		
58	86.0	68.9	103.3
43	60.9	25.8	38.6#



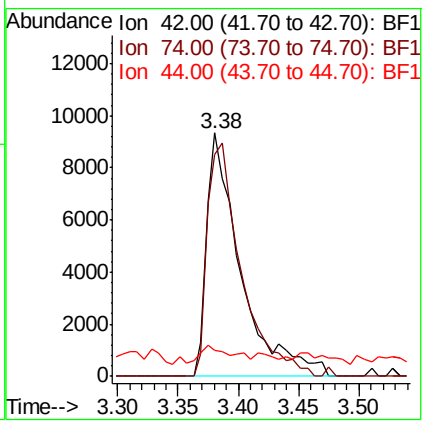


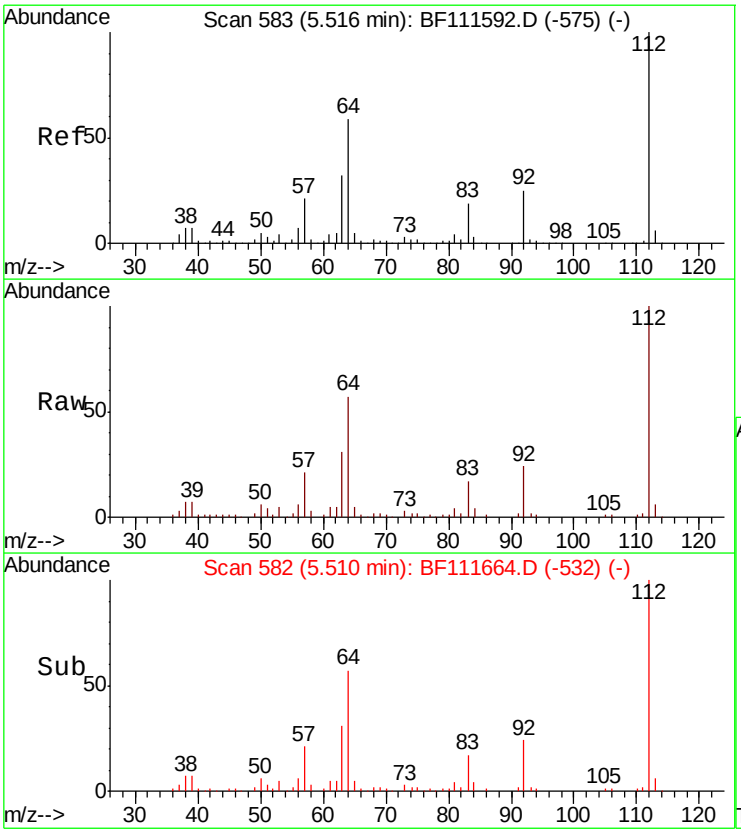
#4
n-Nitrosodimethylamine
Concen: 2.679 ng
RT: 3.38 min Scan# 220
Delta R.T. -0.03 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion: 42 Resp: 18075

Ion	Ratio	Lower	Upper
42	100		
74	91.3	101.5	152.3#
44	10.5	6.0	9.0#

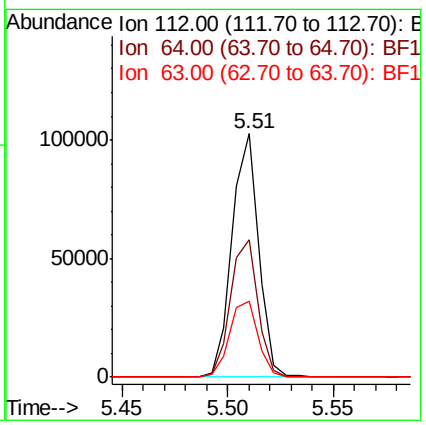


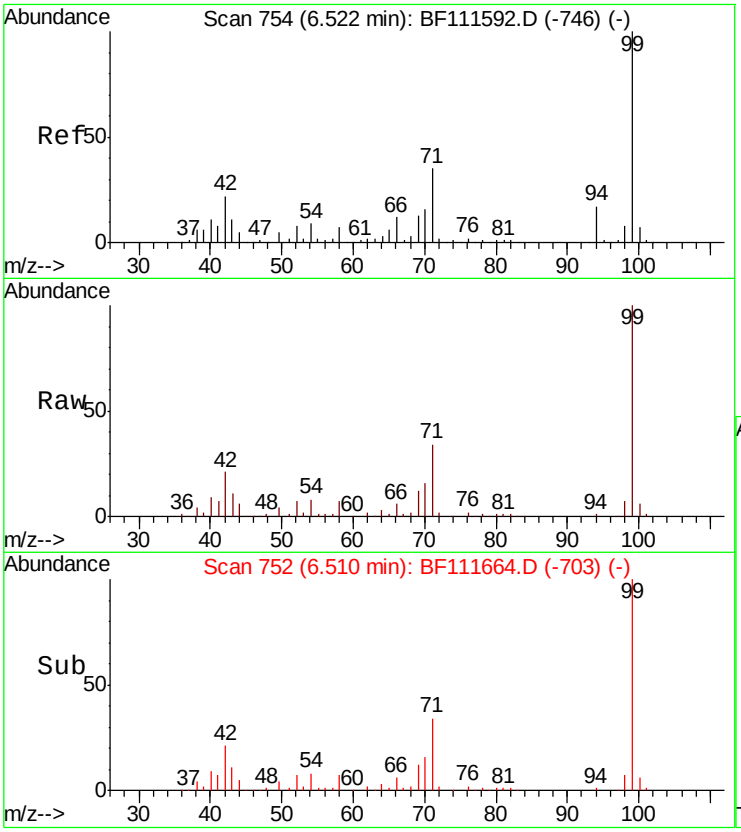


#5
2-Fluorophenol
Concen: 7.888 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:112 Resp: 88717

Ion	Ratio	Lower	Upper
112	100		
64	56.5	51.8	77.6
63	31.0	26.8	40.2



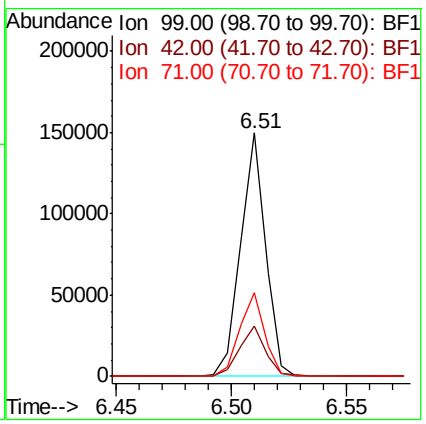


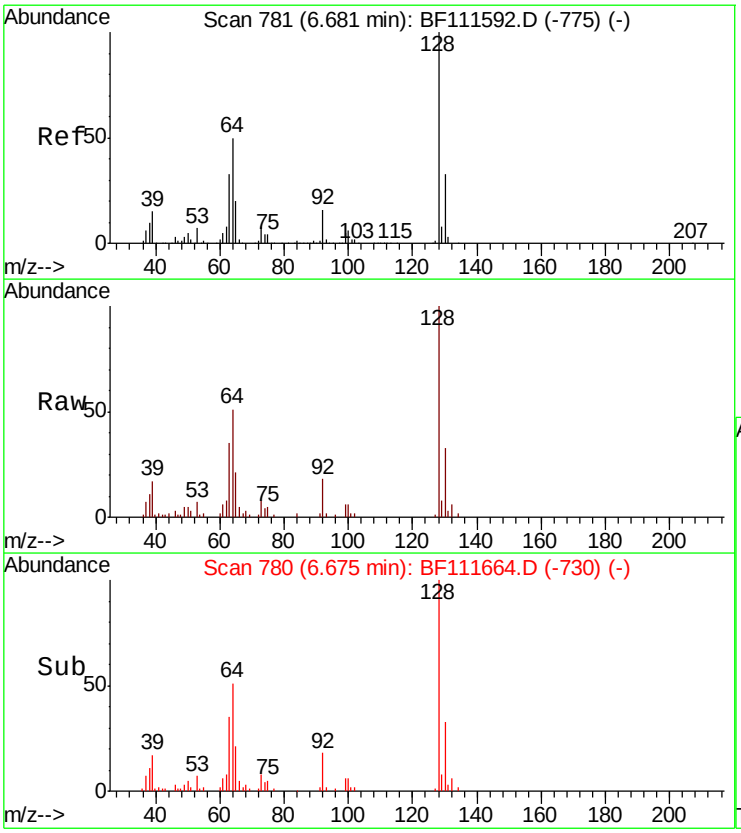
#7
Phenol-d6
Concen: 7.946 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion: 99 Resp: 113723

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.4	26.0
71	34.4	26.1	39.1

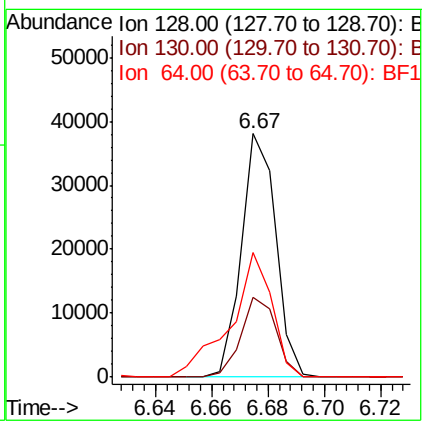


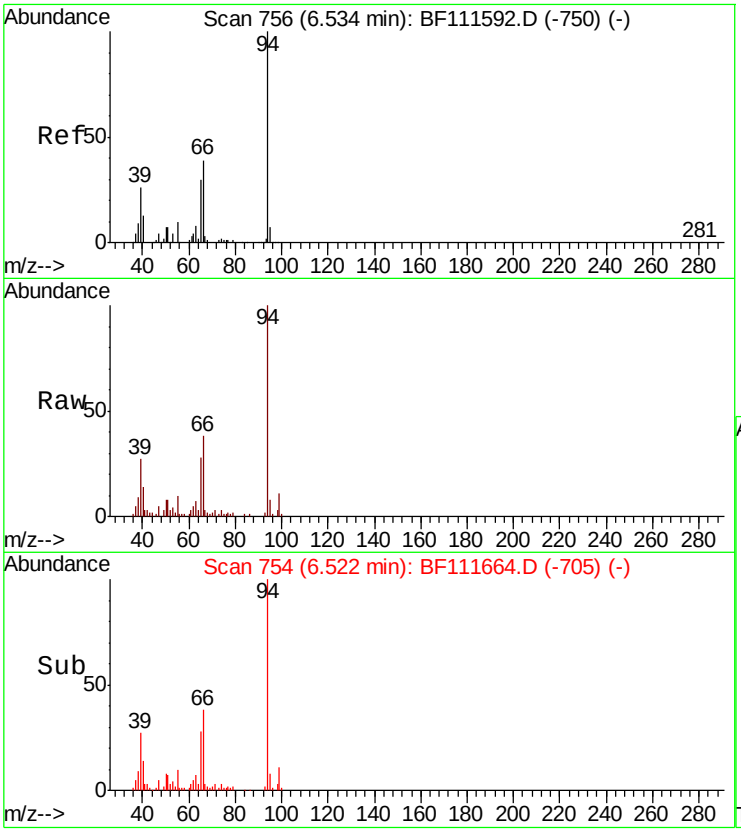


#8
2-Chlorophenol
Concen: 2.575 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:128 Resp: 32080

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.7	52.7
64	51.0	30.0	70.0



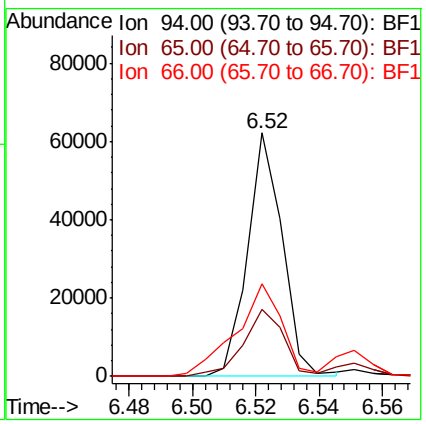


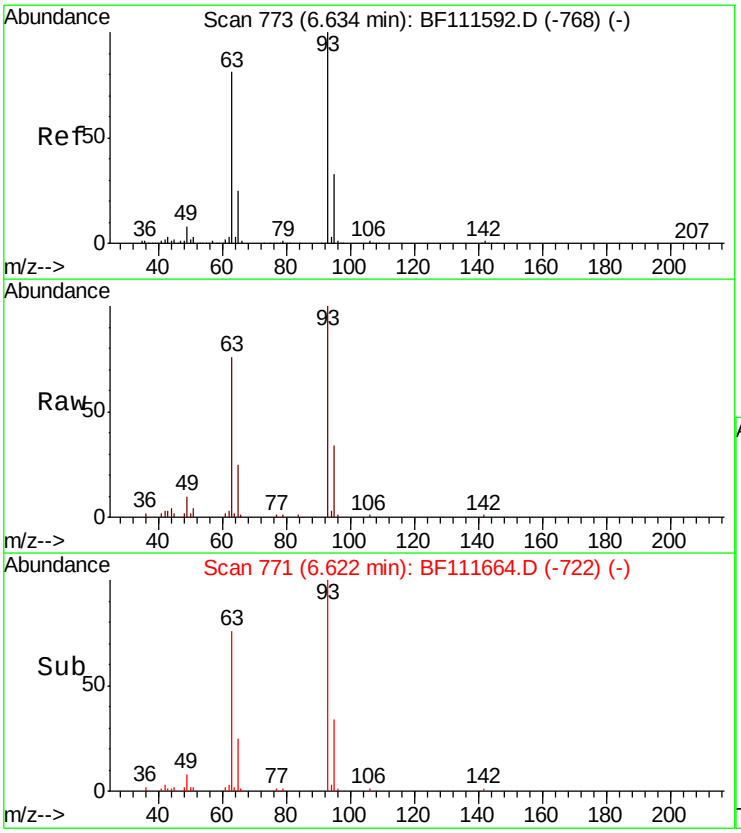
#10
Phenol
Concen: 2.929 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion: 94 Resp: 47304

Ion	Ratio	Lower	Upper
94	100		
65	27.7	11.7	51.7
66	37.8	21.0	61.0

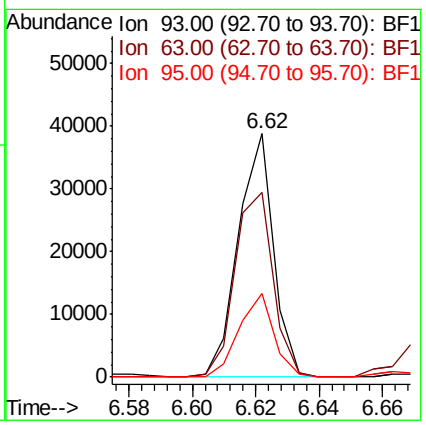


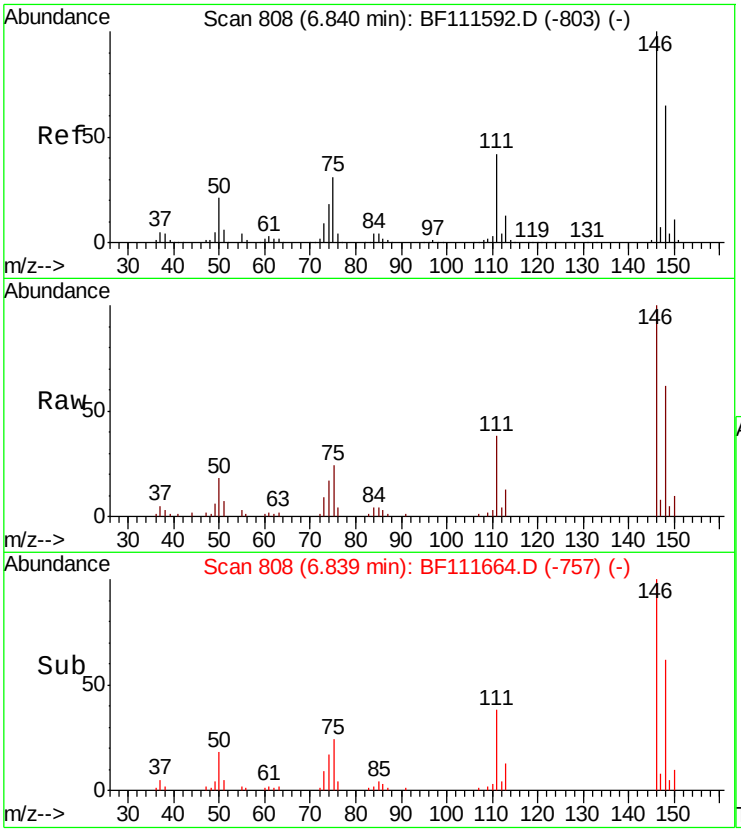


#11
bis(2-Chloroethyl)ether
Concen: 2.461 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion: 93 Resp: 29781

Ion	Ratio	Lower	Upper
93	100		
63	76.1	60.0	100.0
95	34.3	13.4	53.4



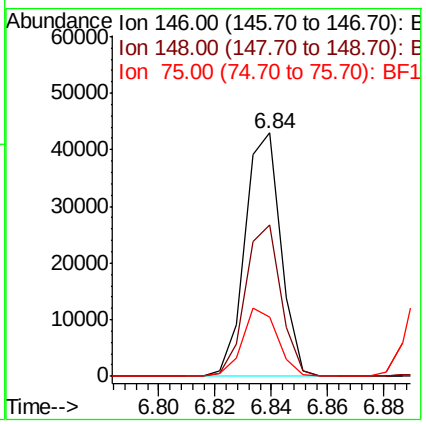


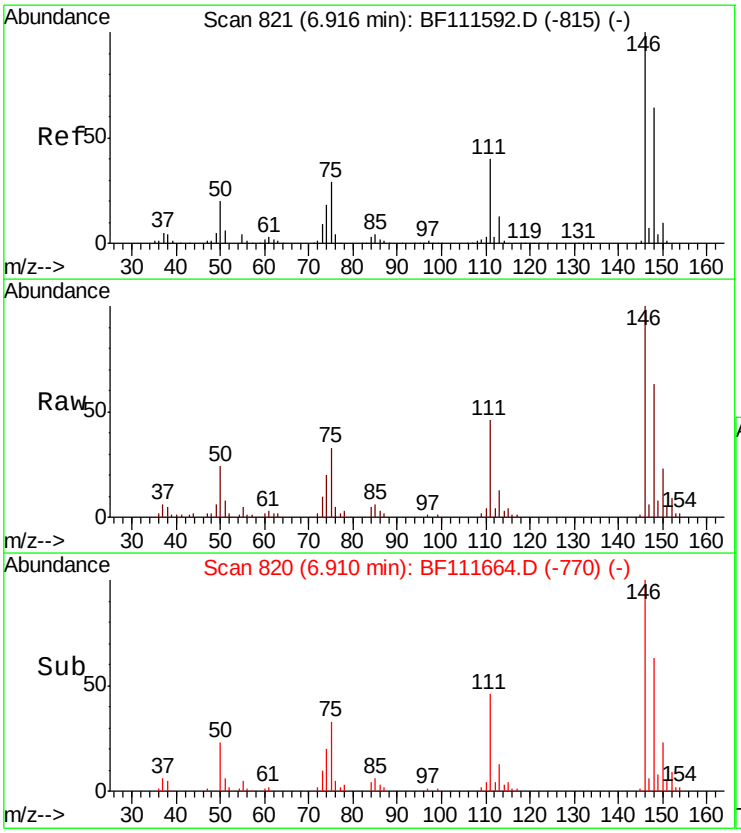
#12
1,3-Dichlorobenzene
Concen: 2.618 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:146 Resp: 37797

Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.1	78.1
75	24.4	23.9	35.9

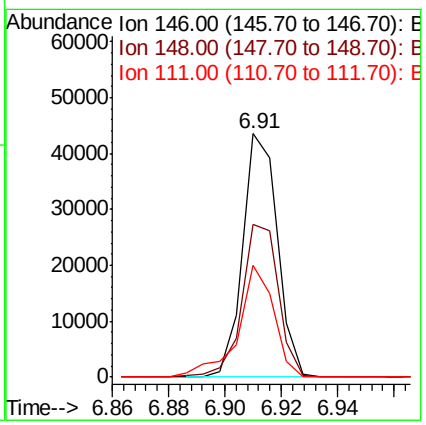


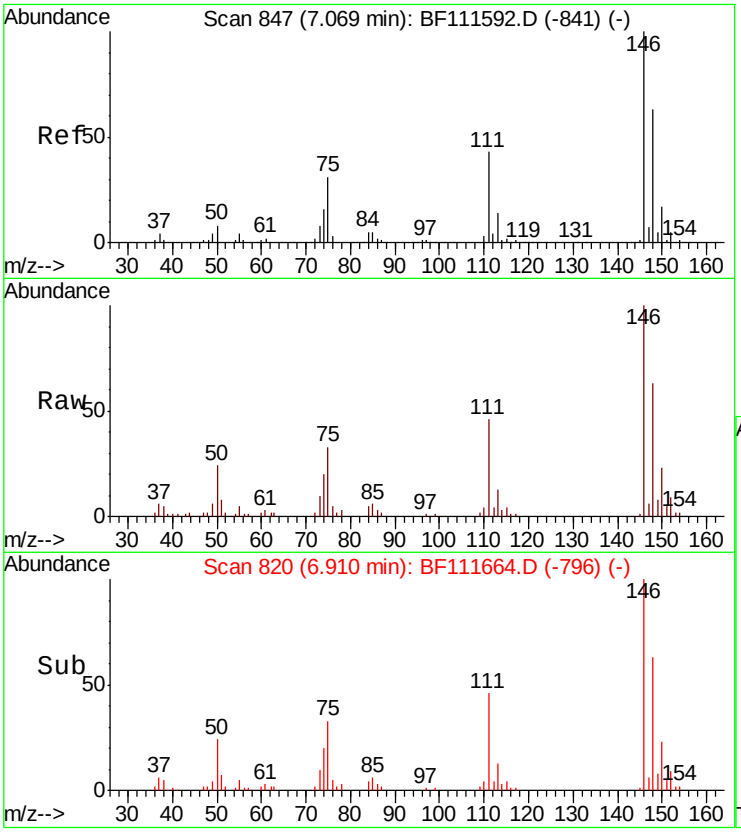


#13
1,4-Dichlorobenzene
Concen: 2.531 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:146 Resp: 37054

Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.8	79.2
111	45.8	33.4	50.0



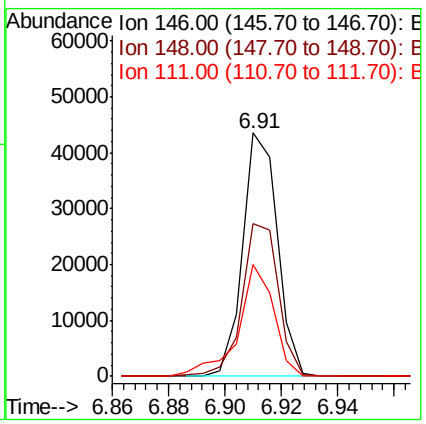


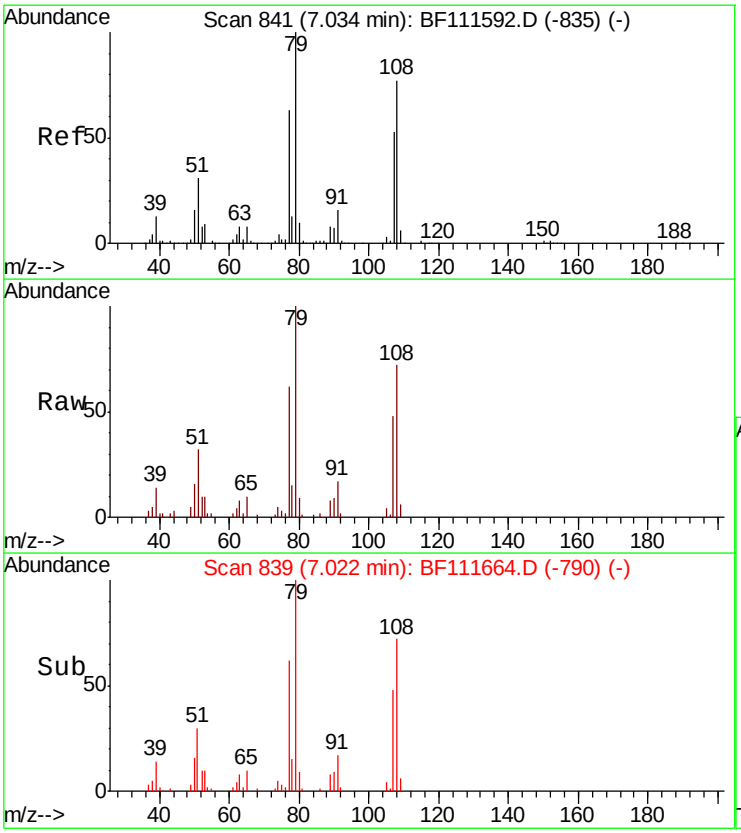
#14
1,2-Dichlorobenzene
Concen: 2.712 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.16 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:146 Resp: 37054

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.9	77.9
111	45.8	36.2	54.4

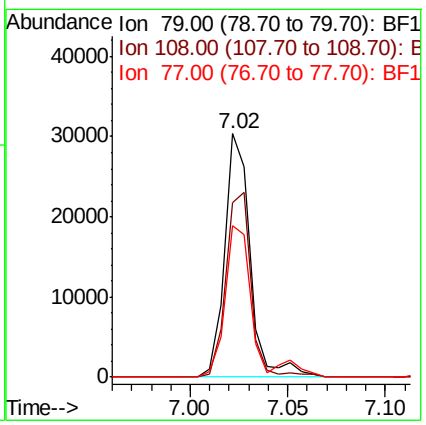


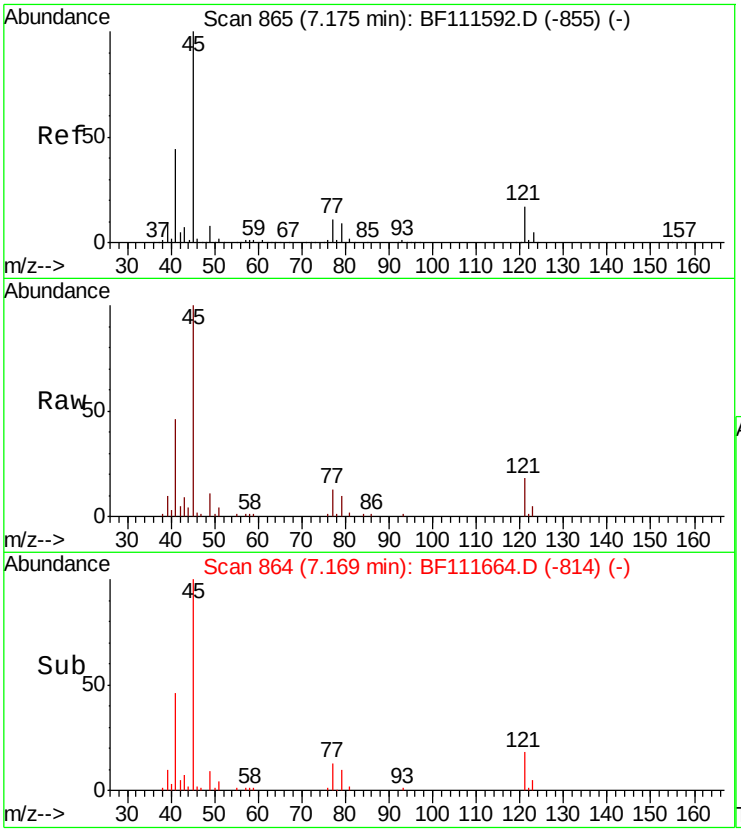


#15
Benzyl Alcohol
Concen: 2.418 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion: 79 Resp: 27482

Ion	Ratio	Lower	Upper
79	100		
108	71.5	69.4	104.2
77	62.4	49.7	74.5



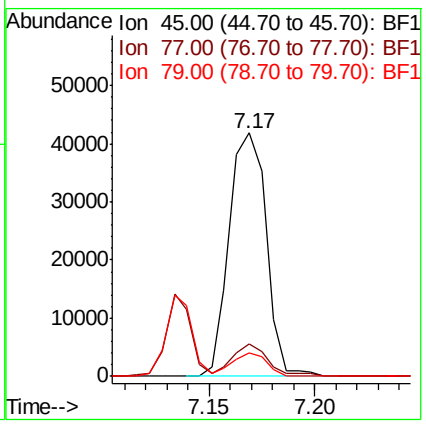


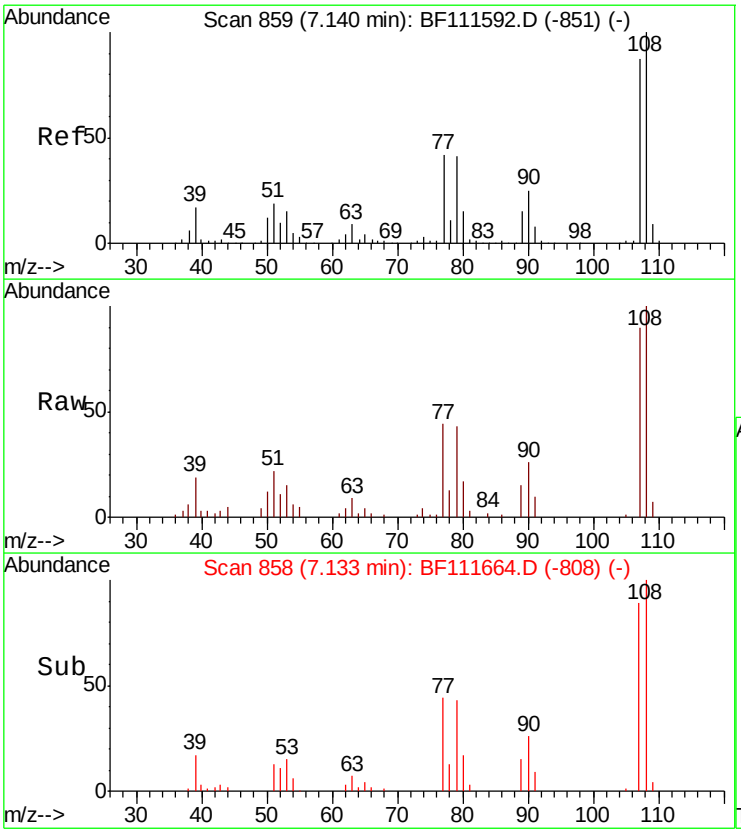
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.281 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion: 45 Resp: 50828

Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	31.5
79	9.7	0.0	28.9

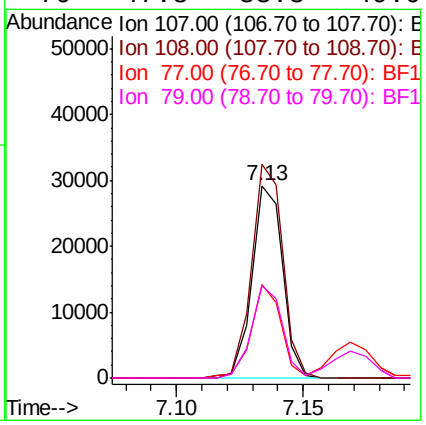


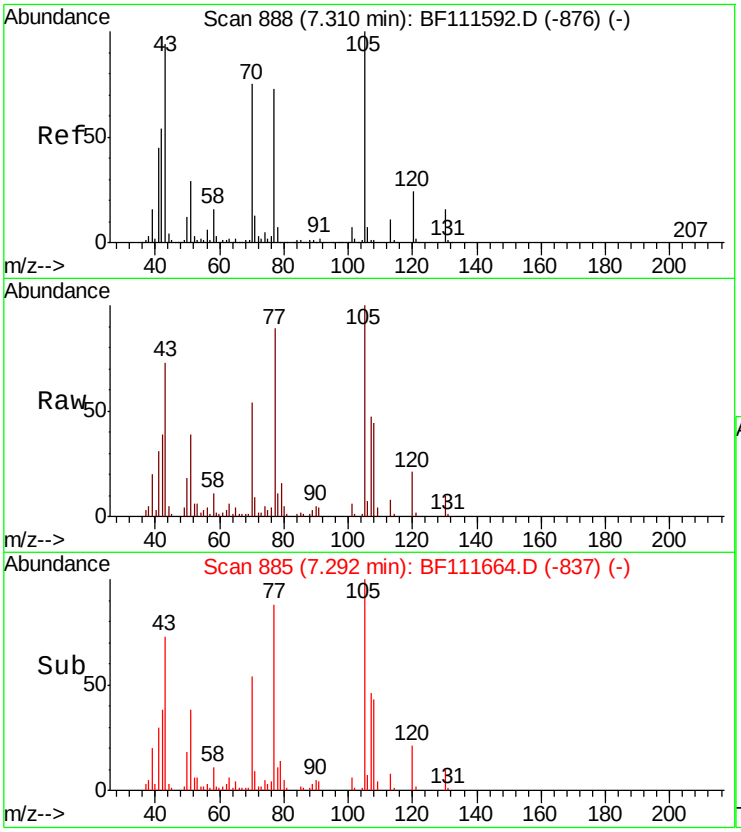


#17
2-Methylphenol
Concen: 2.468 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:107 Resp: 24617

Ion	Ratio	Lower	Upper
107	100		
108	111.0	91.0	136.4
77	48.5	33.5	50.3
79	47.8	33.3	49.9



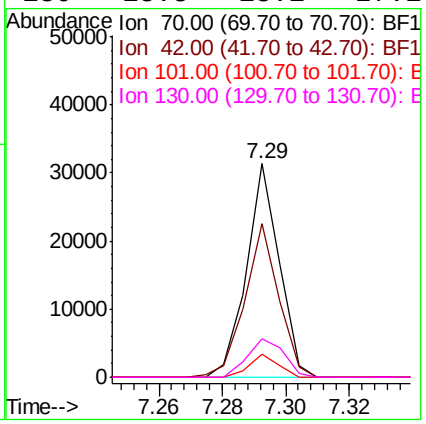


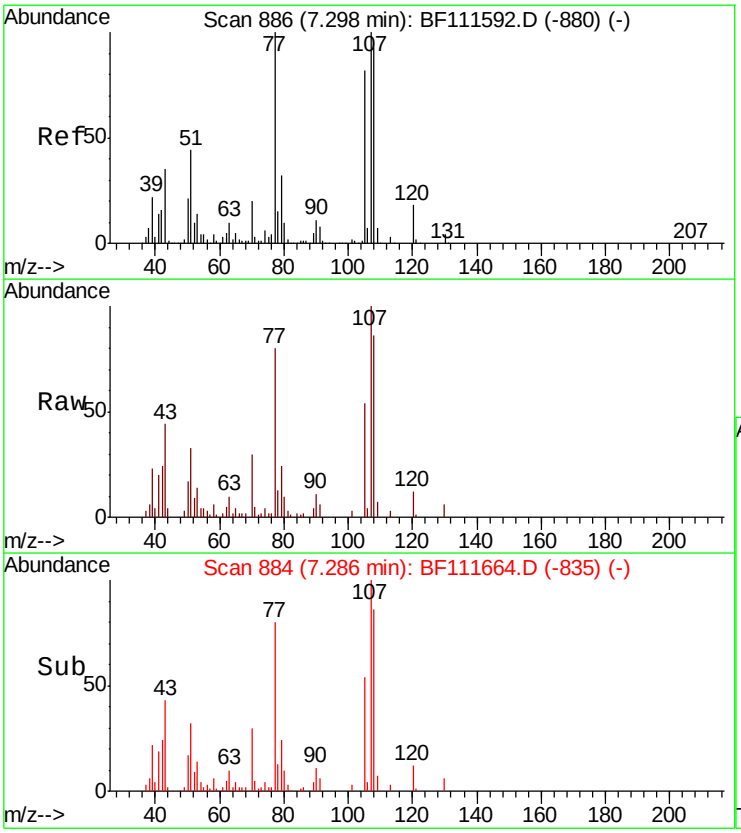
#19
n-Nitroso-di-n-propylamine
Concen: 2.365 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion: 70 Resp: 22479

Ion	Ratio	Lower	Upper
70	100		
42	71.6	53.2	79.8
101	10.8	8.2	12.4
130	18.3	18.1	27.1

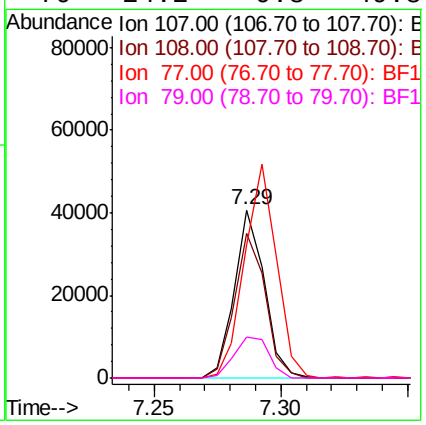


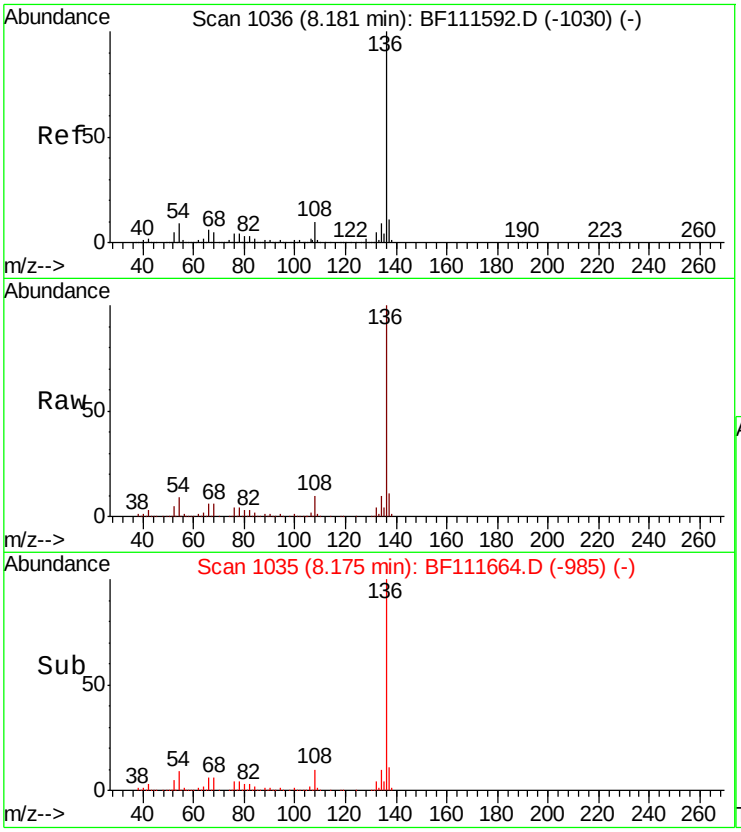


#20
3+4-Methylphenols
Concen: 2.657 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:107 Resp: 33492

Ion	Ratio	Lower	Upper
107	100		
108	86.4	72.1	112.1
77	79.7	94.1	134.1#
79	24.2	9.8	49.8



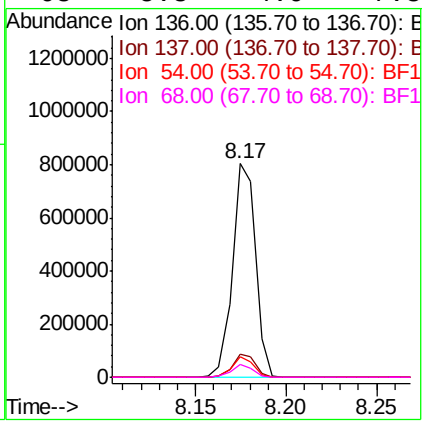


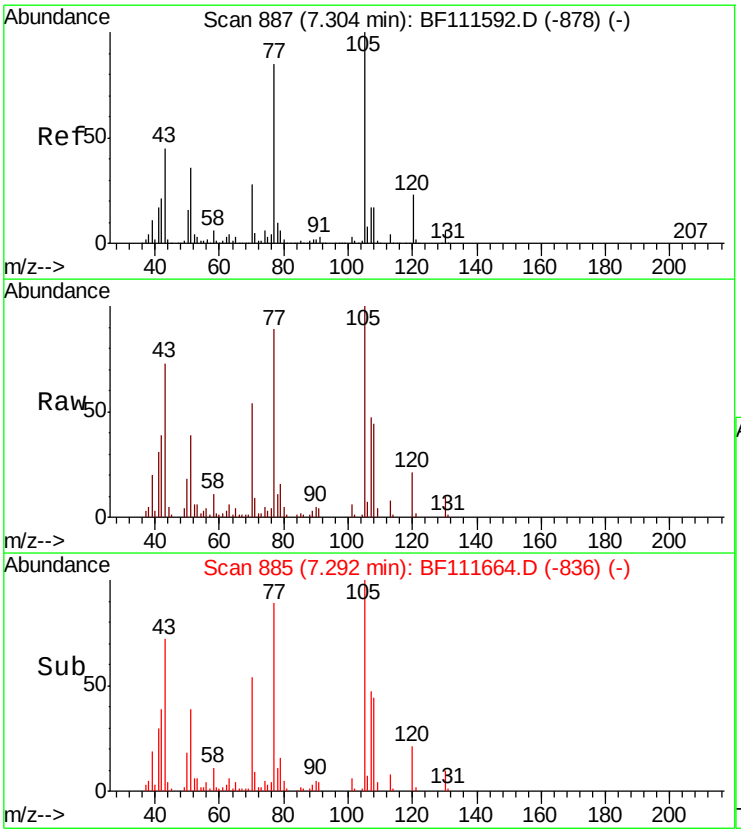
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:136 Resp: 710466

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.4	7.7	11.5
68	5.8	4.9	7.3

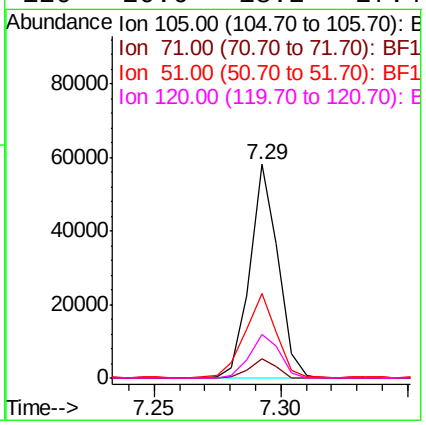


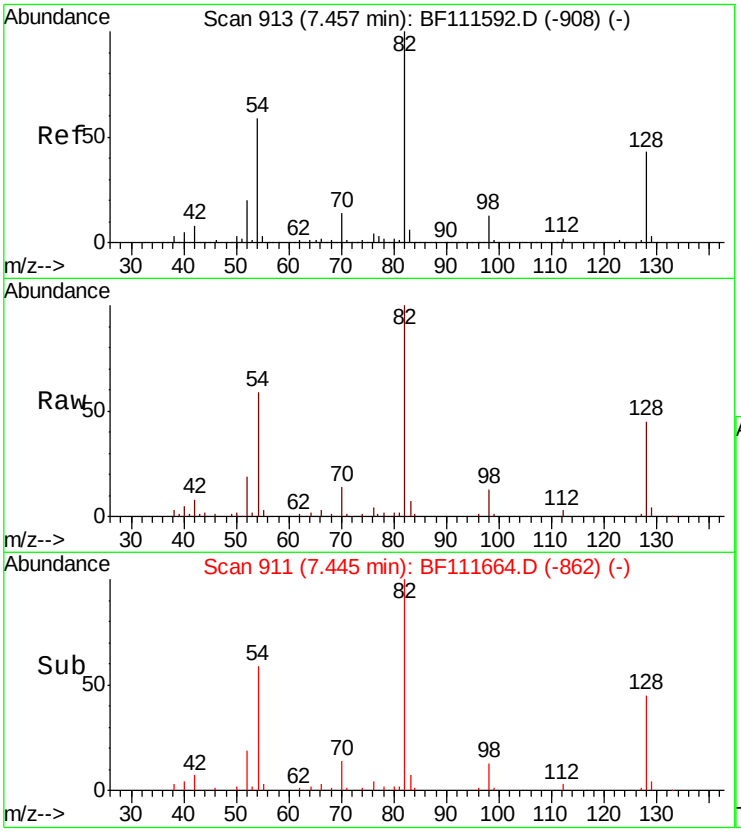


#22
Acetophenone
Concen: 2.491 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:105 Resp: 44839

Ion	Ratio	Lower	Upper
105	100		
71	8.8	3.1	4.7#
51	39.5	36.6	54.8
120	20.6	18.2	27.4



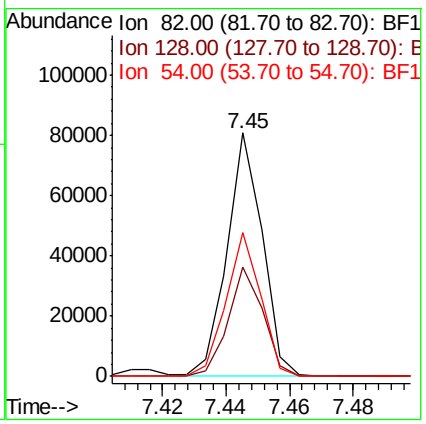


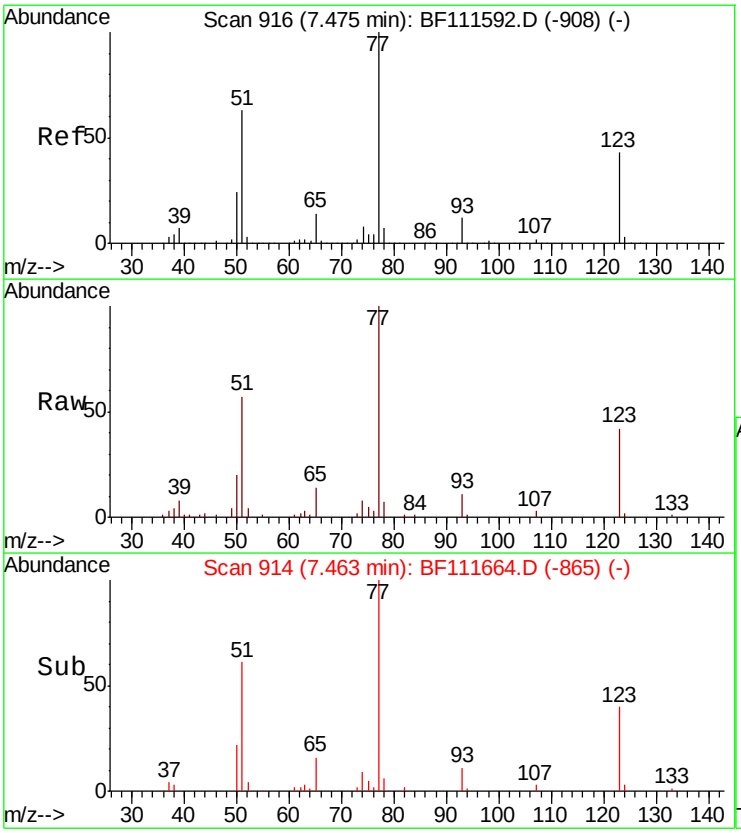
#23
Nitrobenzene-d5
Concen: 5.076 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion: 82 Resp: 61955

Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.4	56.2
54	59.0	47.6	71.4

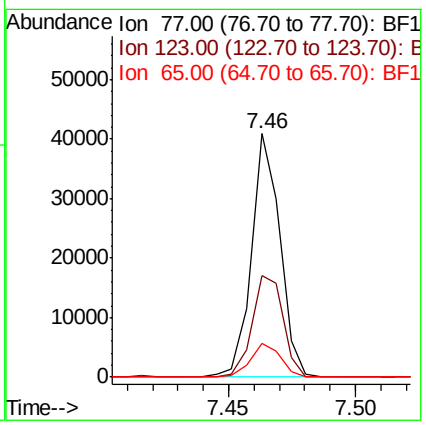


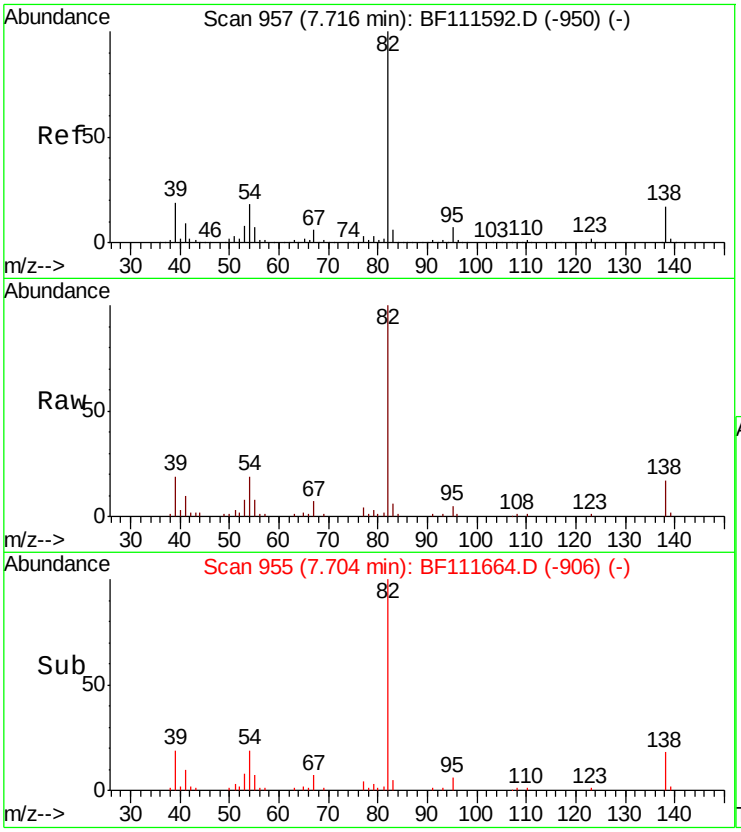


#24
Nitrobenzene
Concen: 2.507 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion: 77 Resp: 32073

Ion	Ratio	Lower	Upper
77	100		
123	41.8	37.2	55.8
65	14.0	11.5	17.3



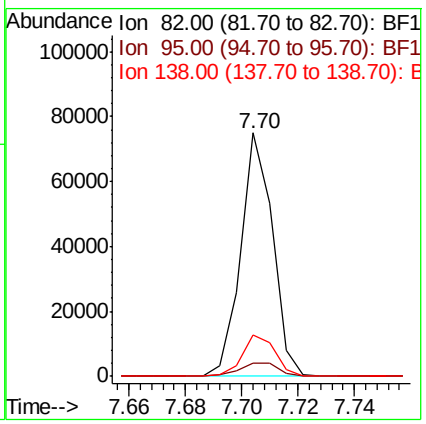


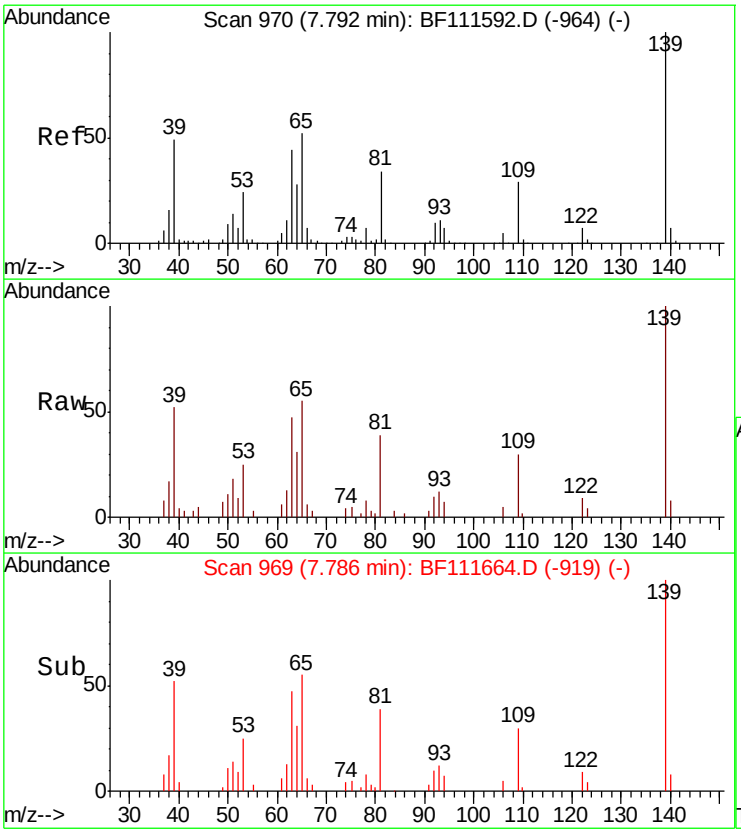
#25
Isophorone
Concen: 2.701 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion: 82 Resp: 58529

Ion	Ratio	Lower	Upper
82	100		
95	5.5	5.4	8.2
138	17.1	15.1	22.7

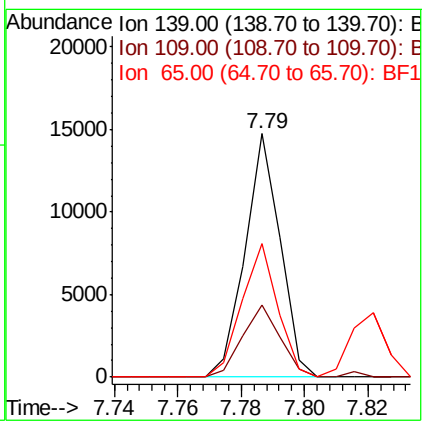


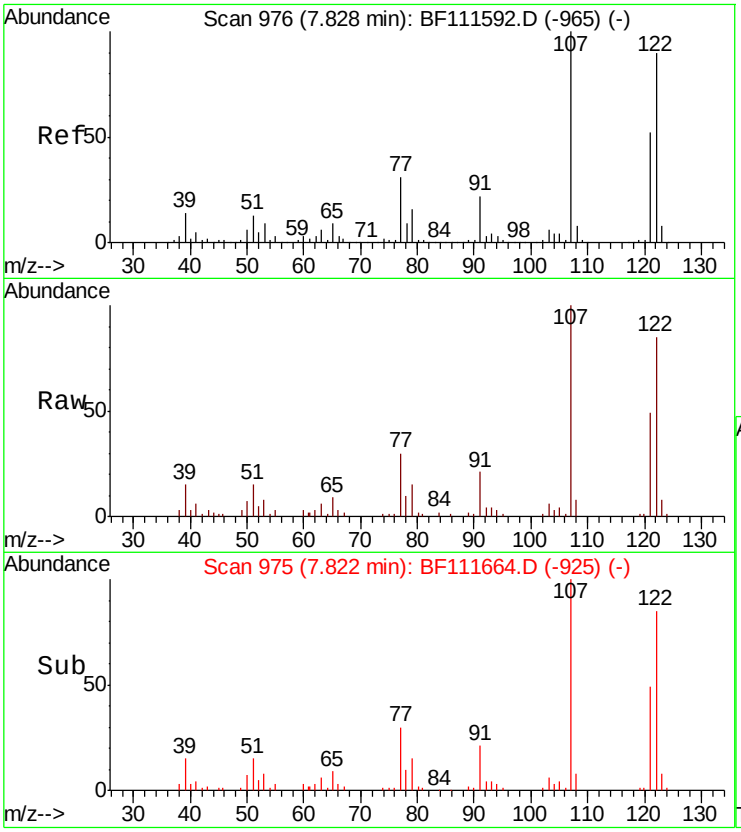


#26
2-Nitrophenol
Concen: 2.181 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:139 Resp: 11314

Ion	Ratio	Lower	Upper
139	100		
109	29.8	20.2	30.4
65	55.1	40.7	61.1



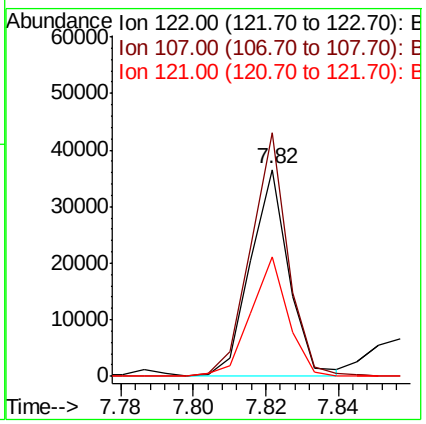


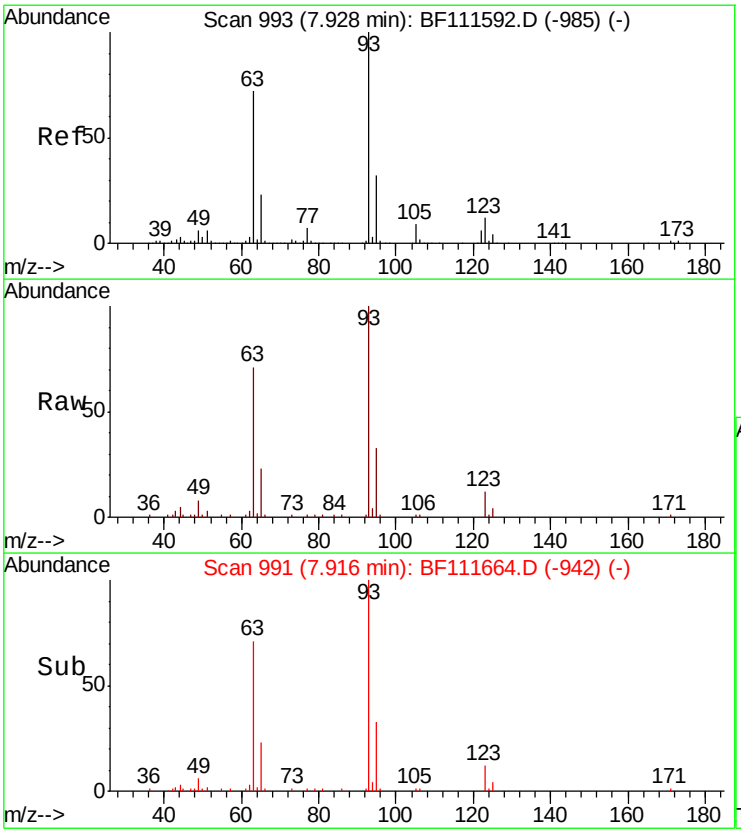
#27
2,4-Dimethylphenol
Concen: 2.663 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:122 Resp: 27232

Ion	Ratio	Lower	Upper
122	100		
107	117.8	85.5	128.3
121	57.9	46.6	70.0

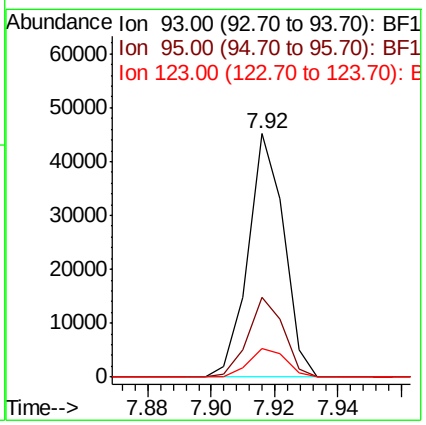


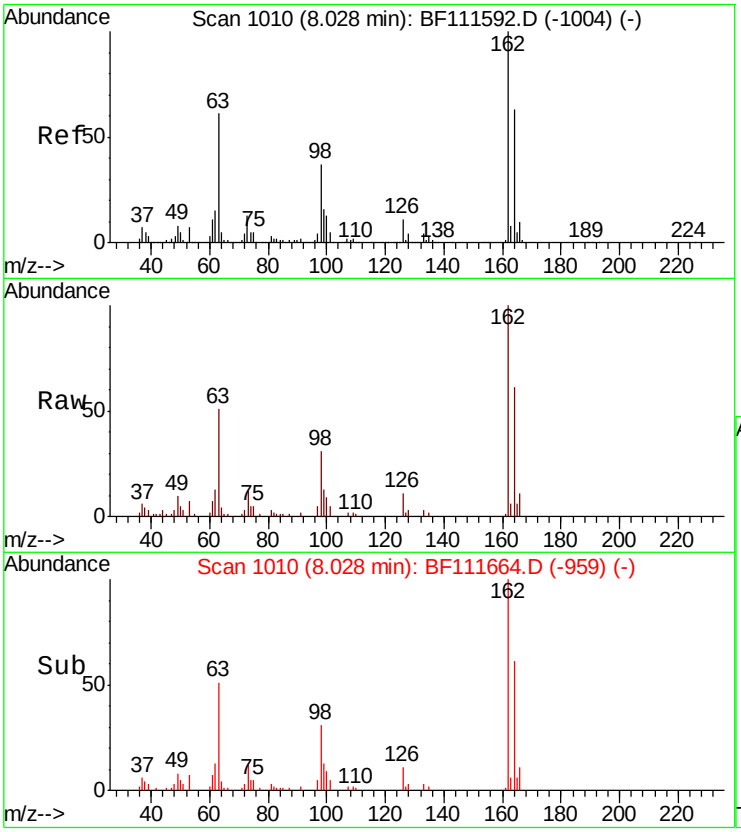


#28
bis(2-Chloroethoxy)methane
Concen: 2.455 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion: 93 Resp: 35394

Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.1	40.7
123	11.6	9.9	14.9



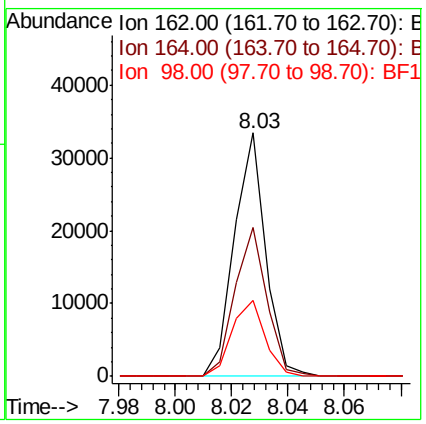


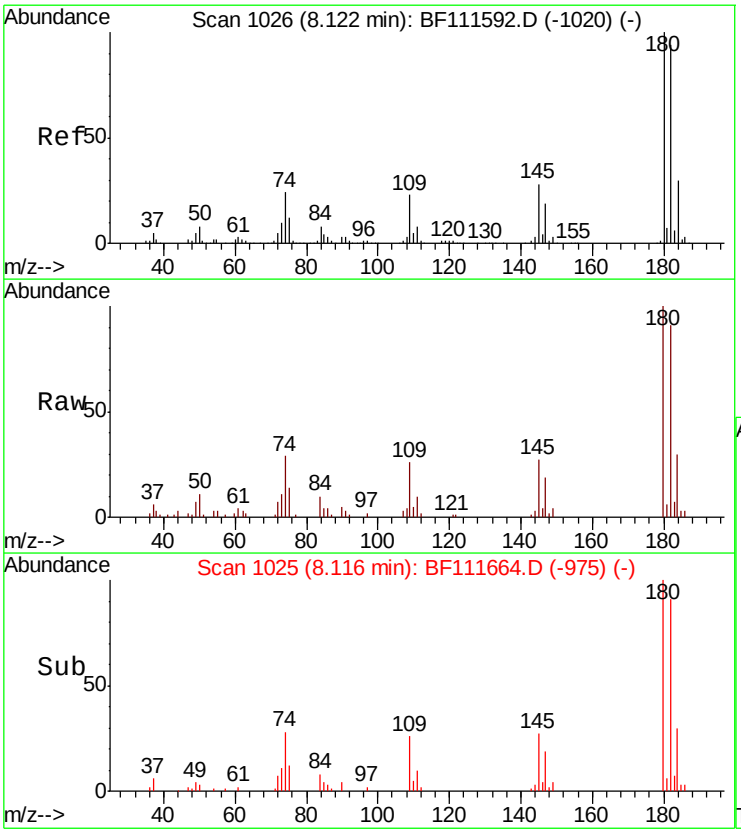
#29
2,4-Dichlorophenol
Concen: 2.341 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:162 Resp: 25750

Ion	Ratio	Lower	Upper
162	100		
164	61.3	44.4	84.4
98	31.4	20.3	60.3

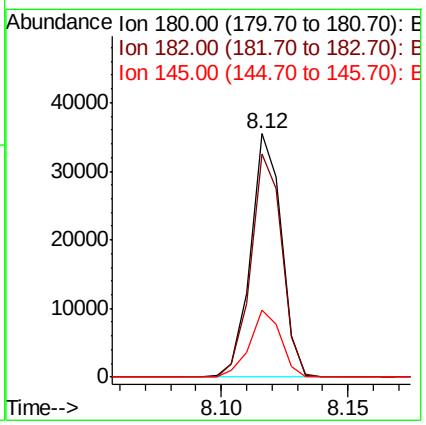


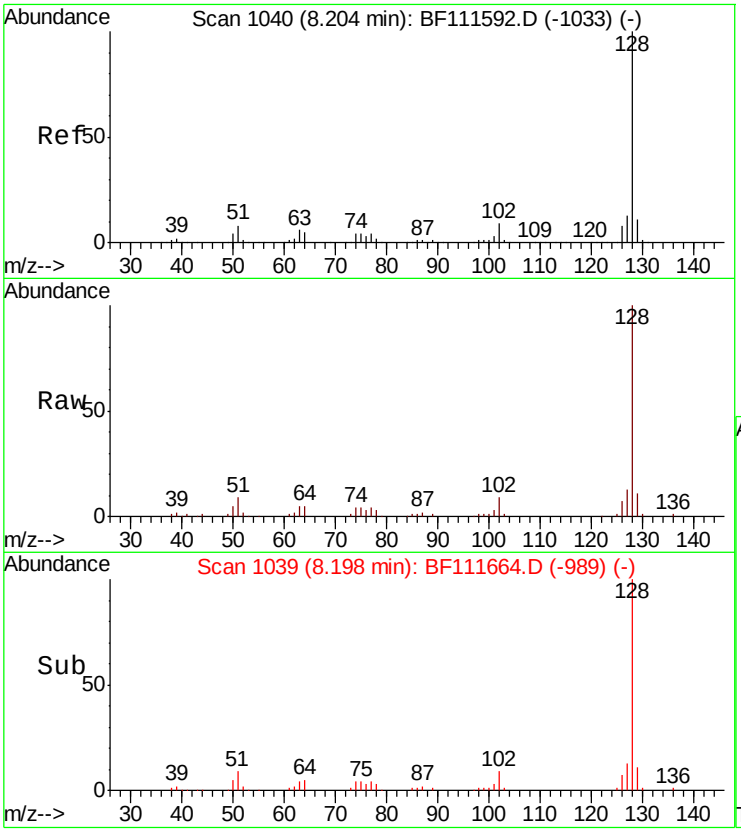


#30
1,2,4-Trichlorobenzene
Concen: 2.459 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:180 Resp: 30139

Ion	Ratio	Lower	Upper
180	100		
182	91.5	75.6	113.4
145	27.4	26.7	40.1



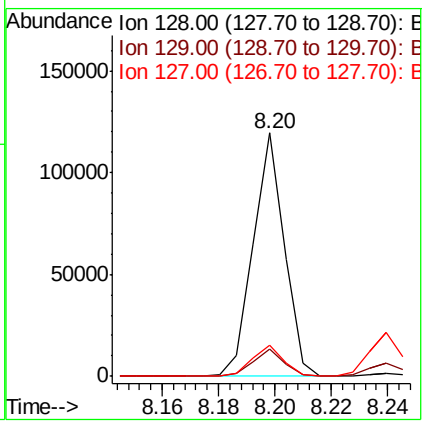


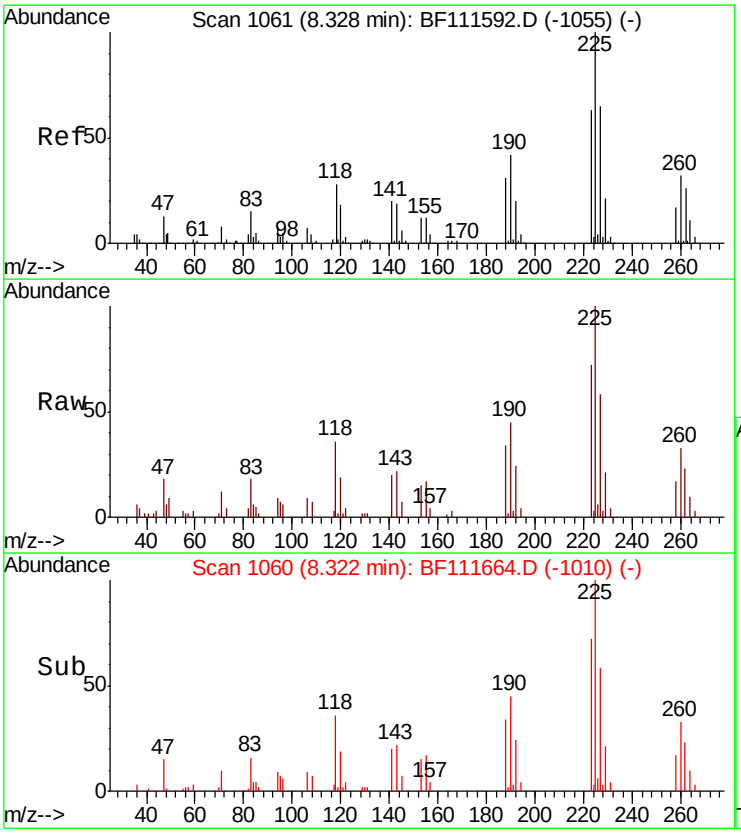
#31
Naphthalene
Concen: 2.681 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:128 Resp: 91530

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.8
127	13.0	12.0	18.0

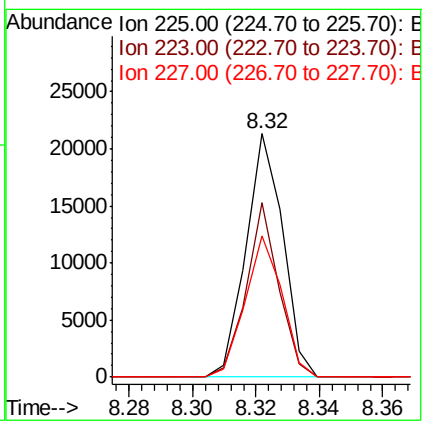


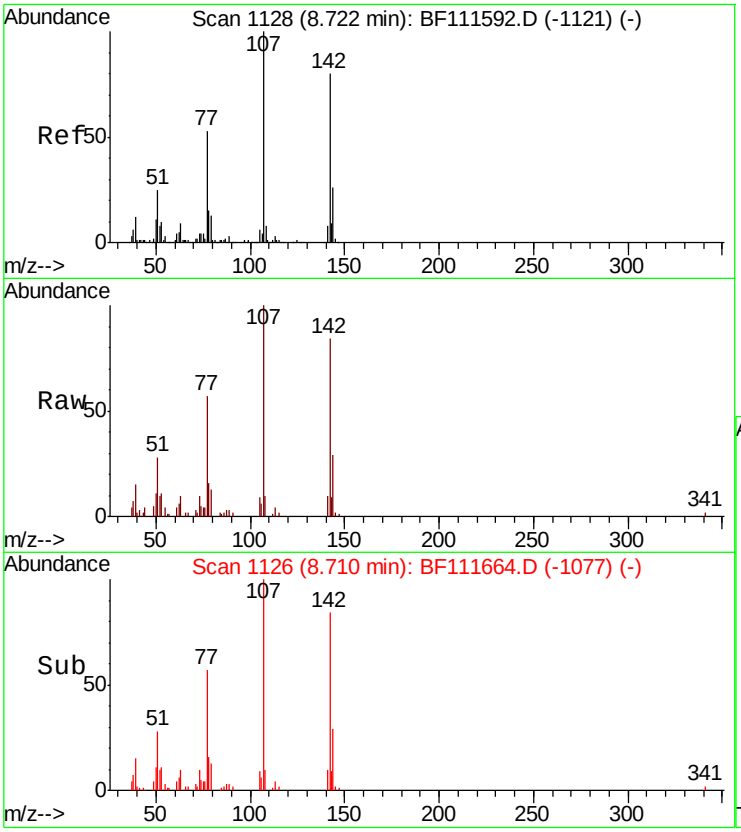


#34
Hexachlorobutadiene
Concen: 2.299 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:225 Resp: 17178

Ion	Ratio	Lower	Upper
225	100		
223	71.6	50.7	76.1
227	60.8	52.6	78.8



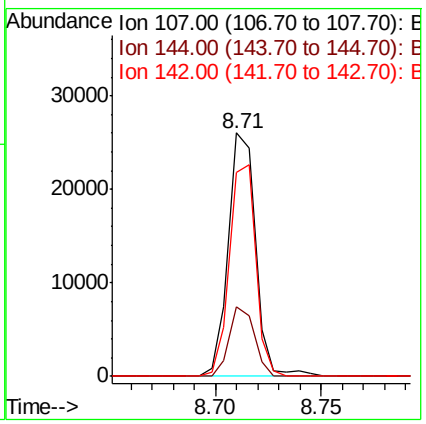


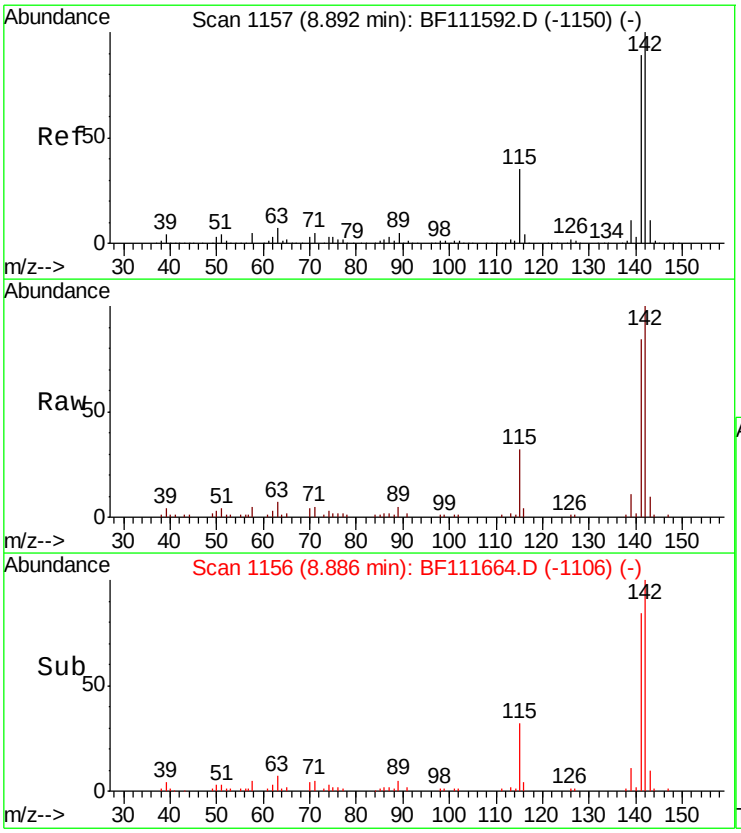
#36
4-Chloro-3-methylphenol
Concen: 2.145 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:107 Resp: 23195

Ion	Ratio	Lower	Upper
107	100		
144	28.5	19.8	29.6
142	83.9	62.3	93.5

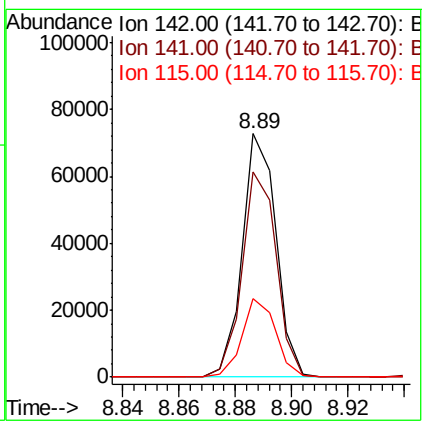


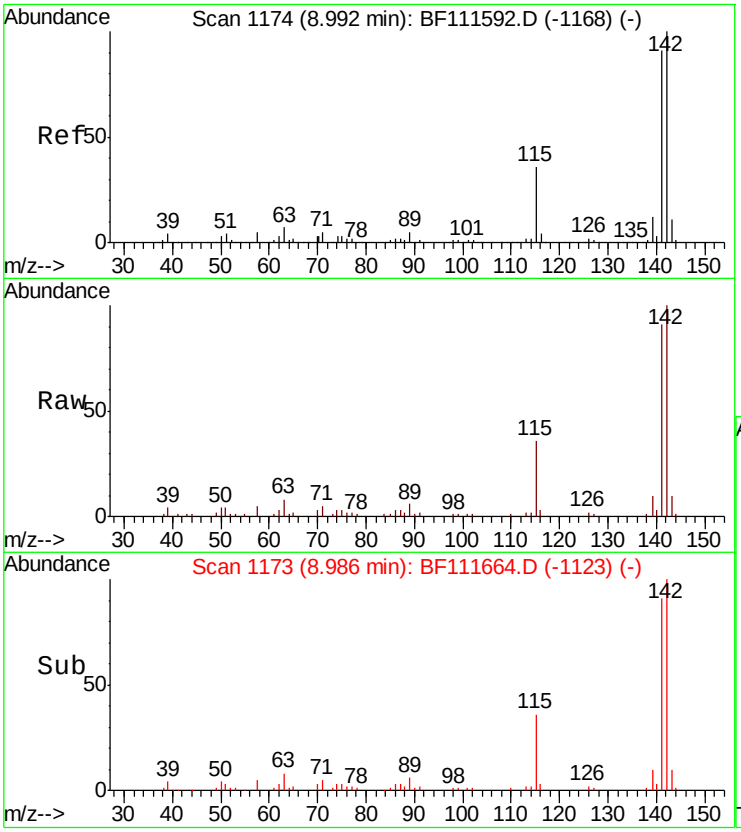


#37
2-Methylnaphthalene
Concen: 2.720 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:142 Resp: 60418

Ion	Ratio	Lower	Upper
142	100		
141	84.2	70.6	105.8
115	32.5	27.0	40.6



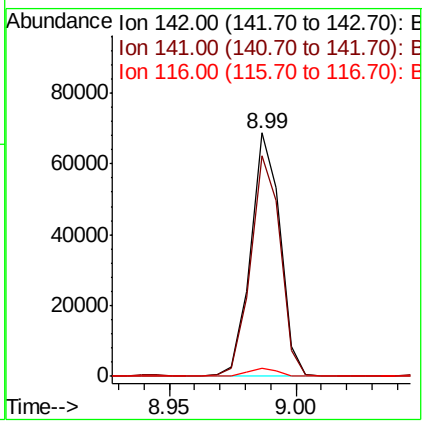


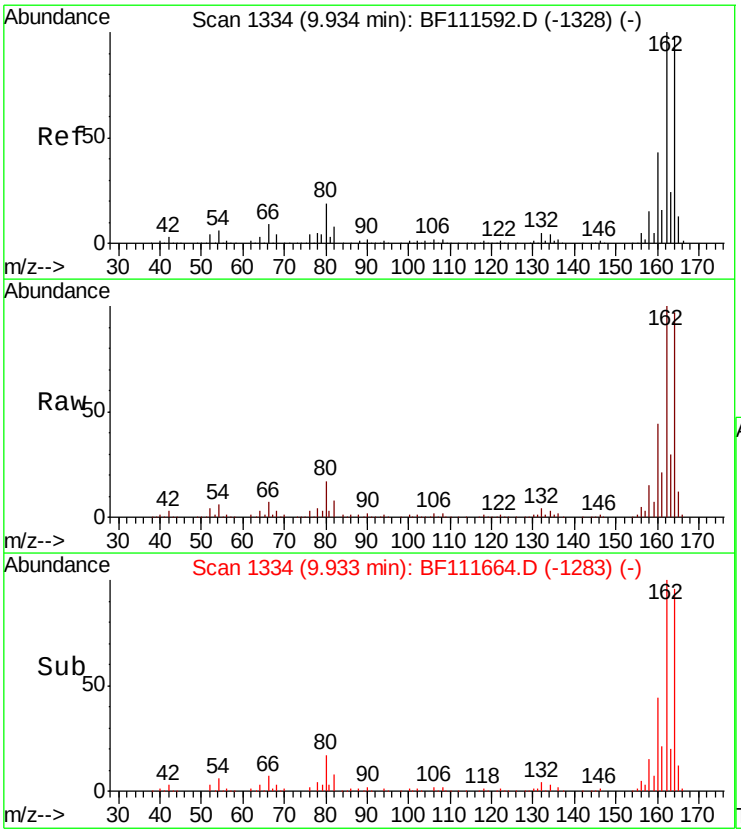
#38
1-Methylnaphthalene
Concen: 2.611 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:142 Resp: 55701

Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.2	111.4
116	3.3	2.9	4.3

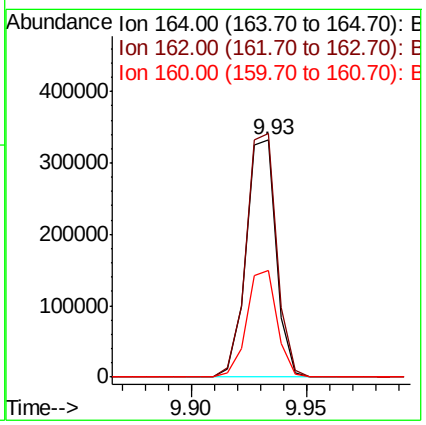


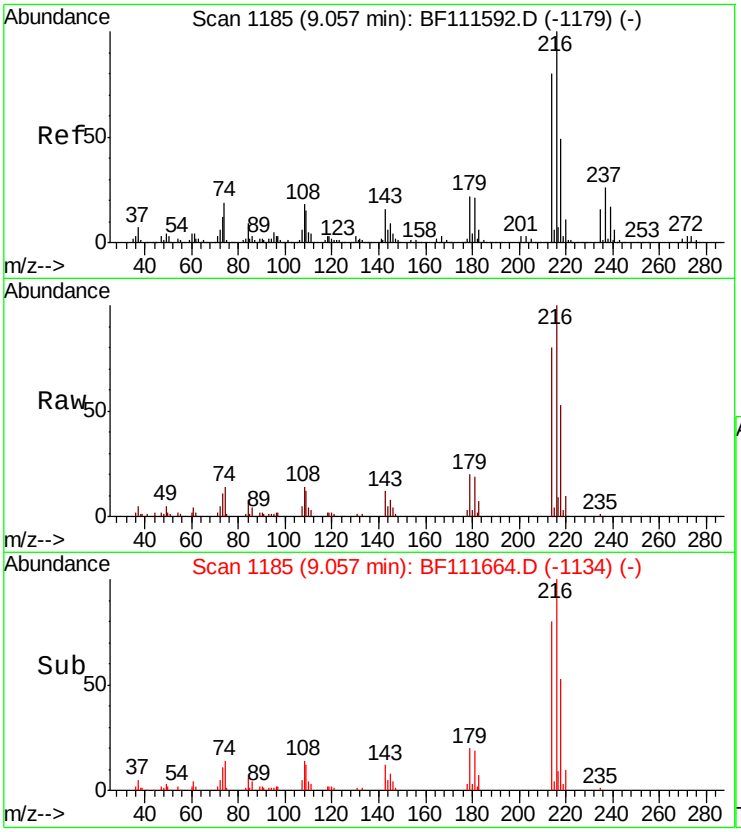


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:164 Resp: 303260

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.4	122.0
160	45.1	35.7	53.5



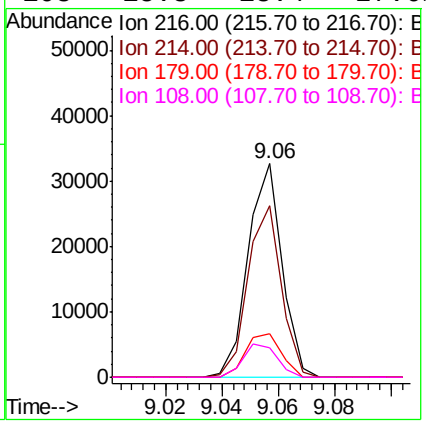


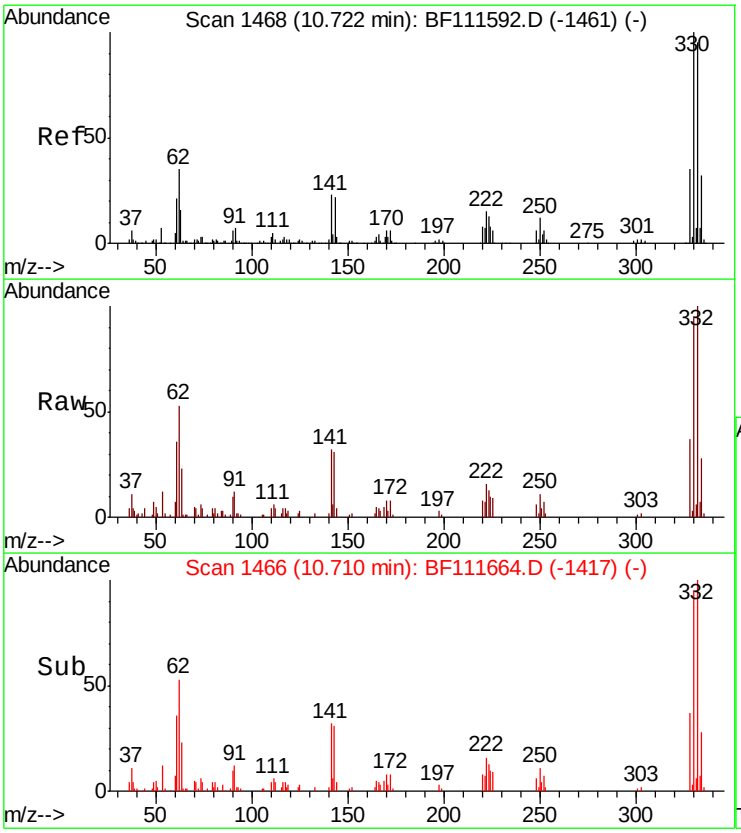
#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.723 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:216 Resp: 27139

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.8
179	21.6	17.9	26.9
108	15.8	18.4	27.6#

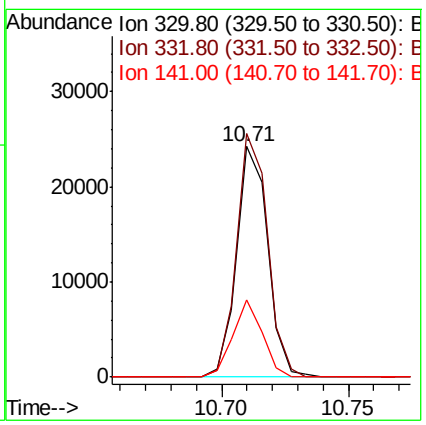


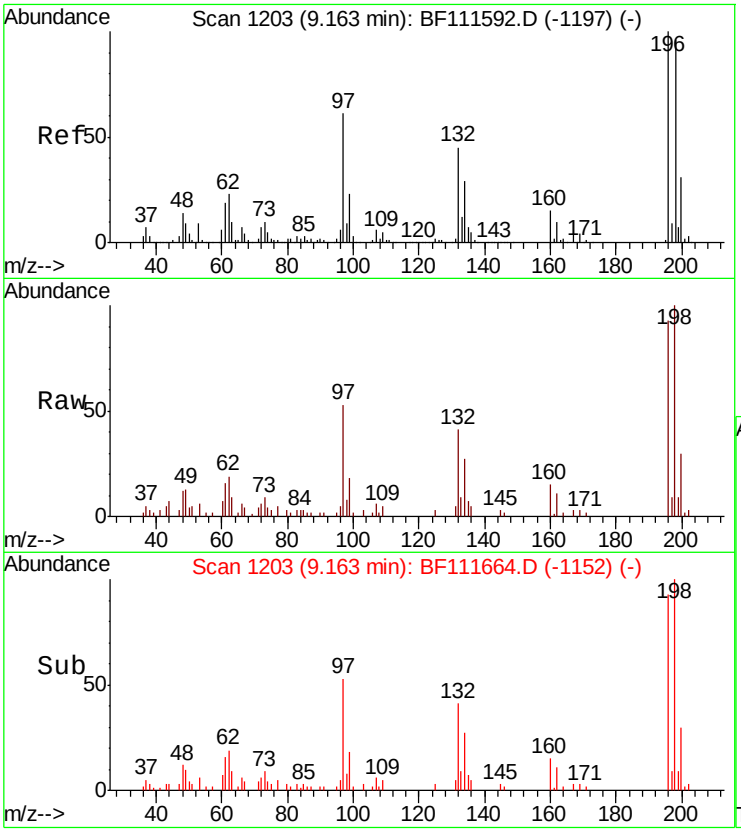


#42
2,4,6-Tribromophenol
Concen: 5.773 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:330 Resp: 20686

Ion	Ratio	Lower	Upper
330	100		
332	104.8	76.0	114.0
141	31.6	31.0	46.6



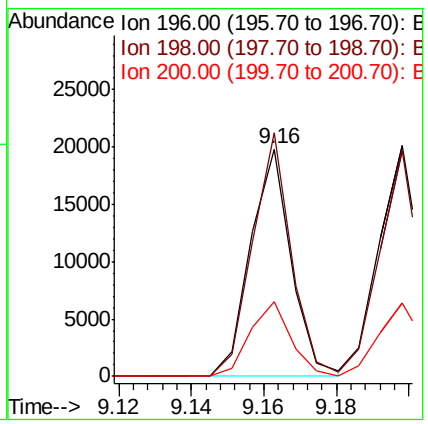


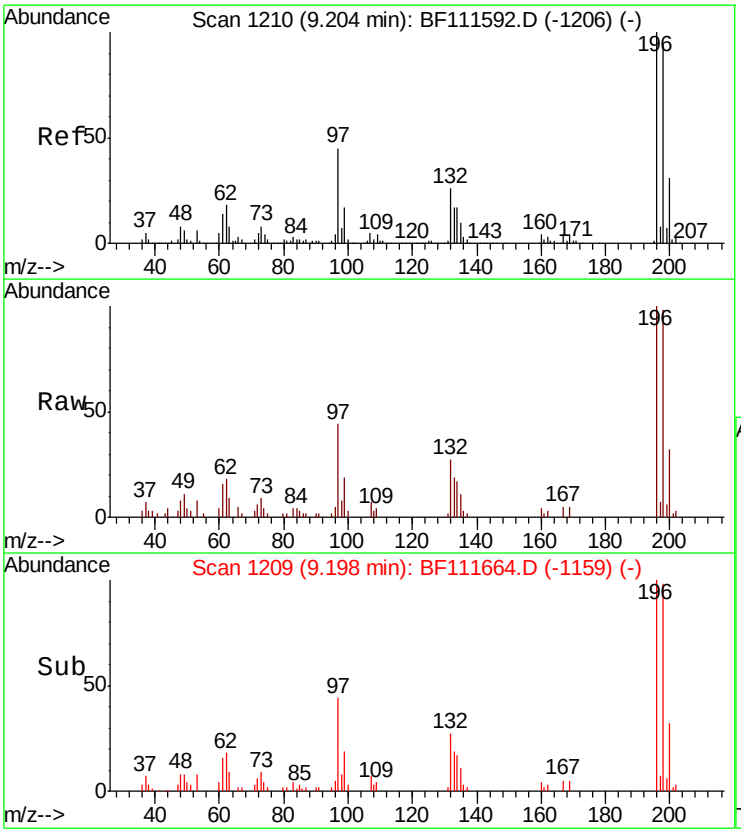
#43
2,4,6-Trichlorophenol
Concen: 2.318 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:196 Resp: 15422

Ion	Ratio	Lower	Upper
196	100		
198	107.2	76.3	114.5
200	32.6	24.9	37.3

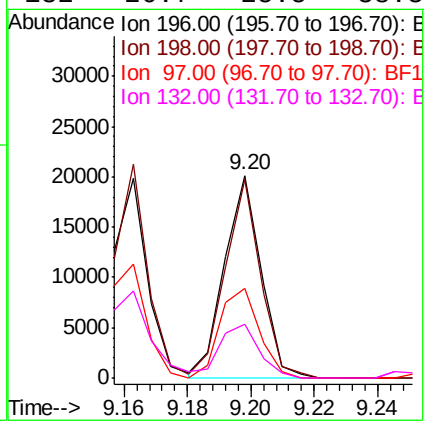


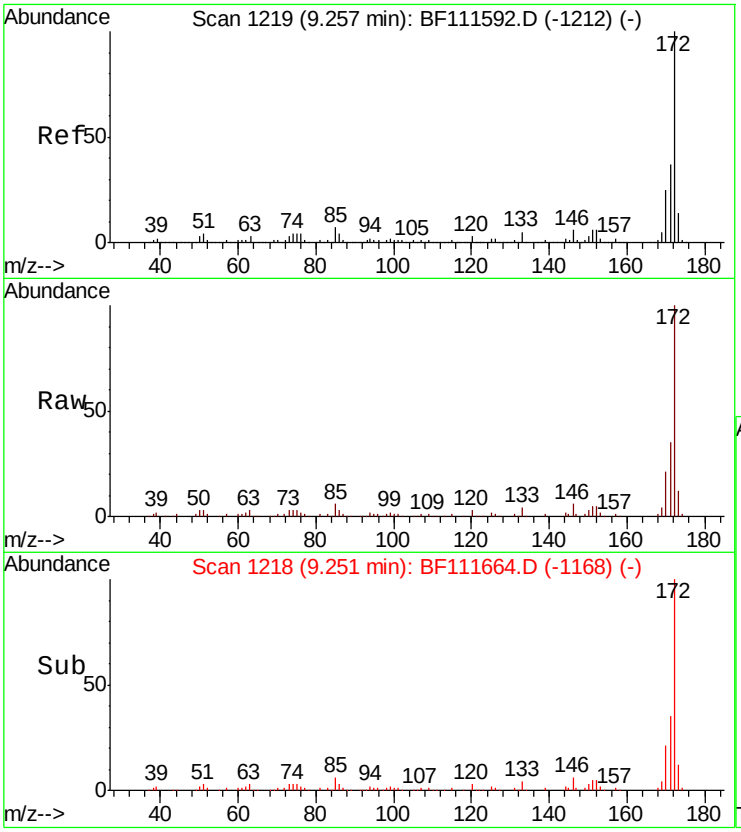


#44
2,4,5-Trichlorophenol
Concen: 2.344 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:196 Resp: 16001

Ion	Ratio	Lower	Upper
196	100		
198	97.8	72.9	109.3
97	44.3	45.3	67.9#
132	26.7	25.5	38.3



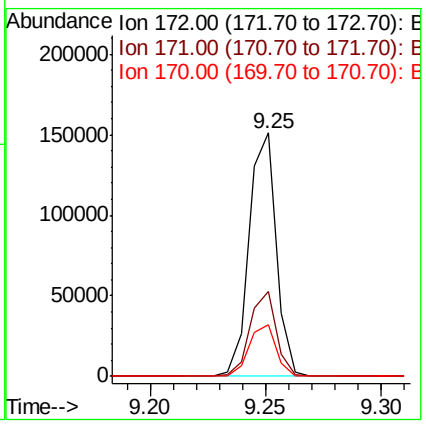


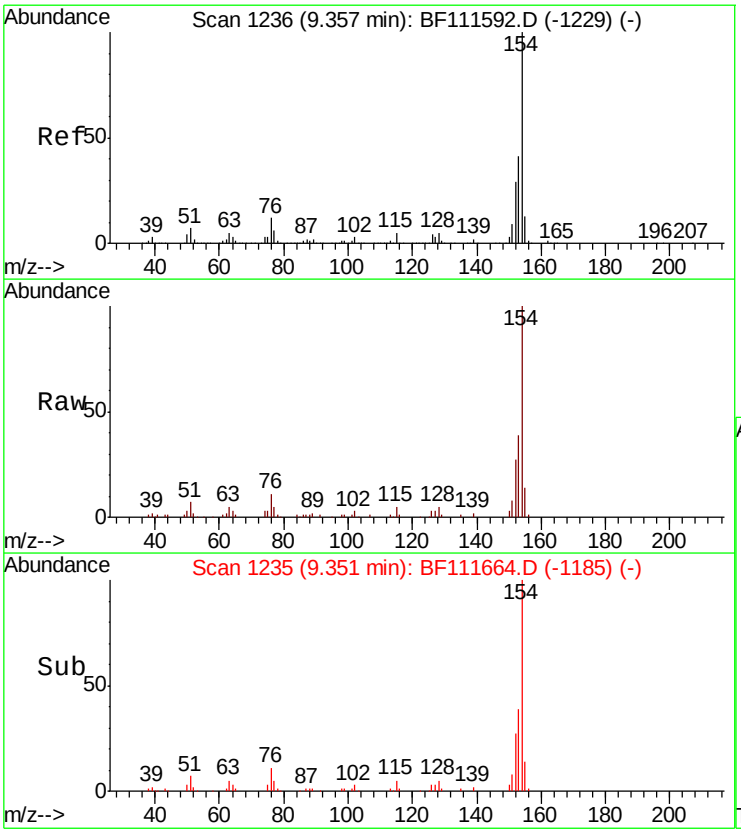
#45
2-Fluorobiphenyl
Concen: 5.981 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:172 Resp: 124441

Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	21.4	22.3	33.5#

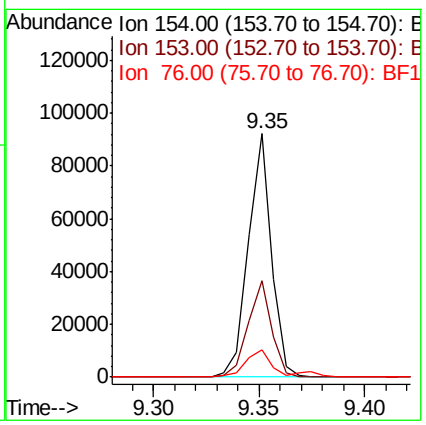


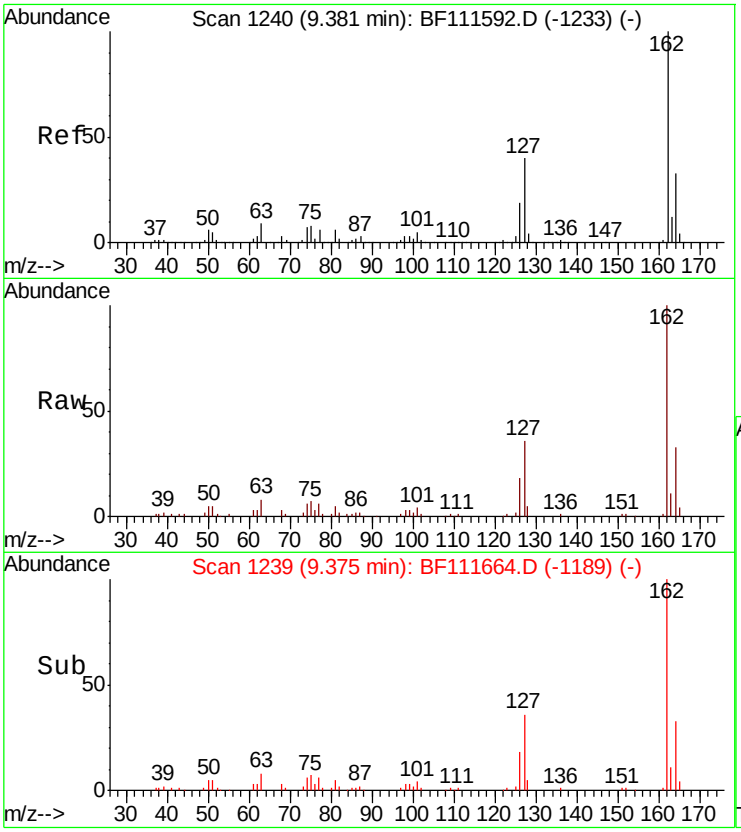


#46
1,1'-Biphenyl
Concen: 2.748 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:154 Resp: 70348

Ion	Ratio	Lower	Upper
154	100		
153	39.4	23.7	63.7
76	11.3	0.0	35.0

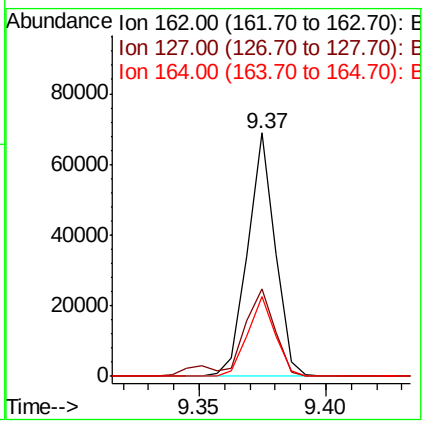




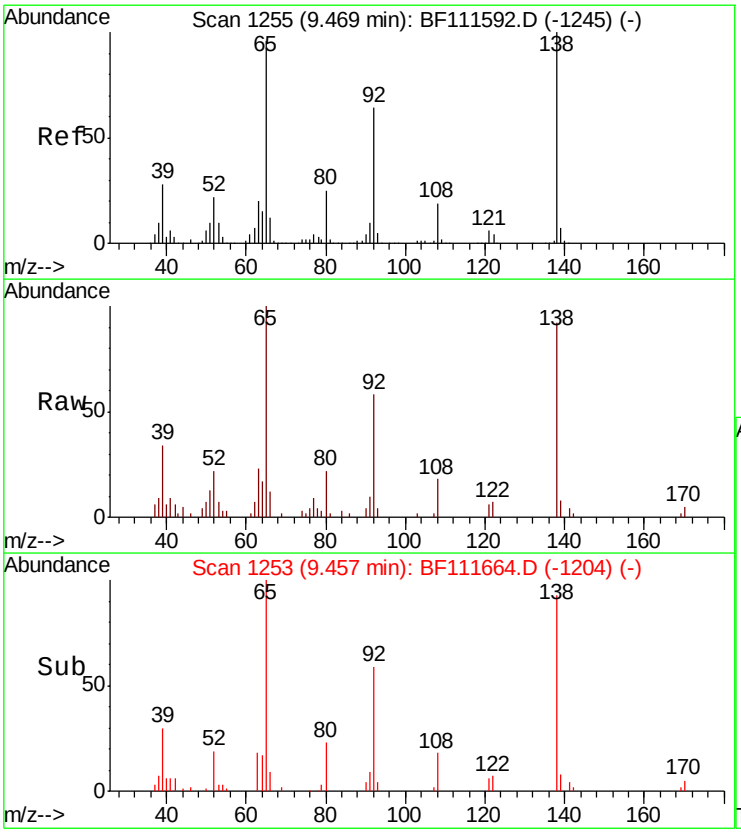
#47
2-Chloronaphthalene
Concen: 2.576 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:162 Resp: 52256

Ion	Ratio	Lower	Upper
162	100		
127	35.9	35.0	52.4
164	32.7	28.4	42.6



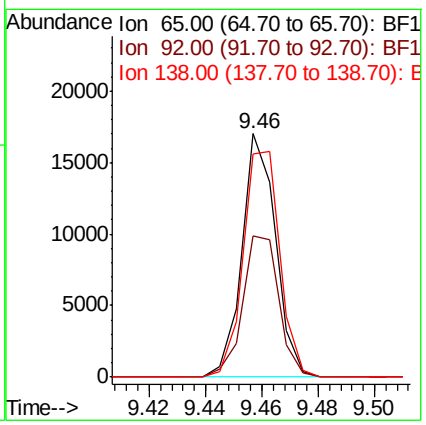
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

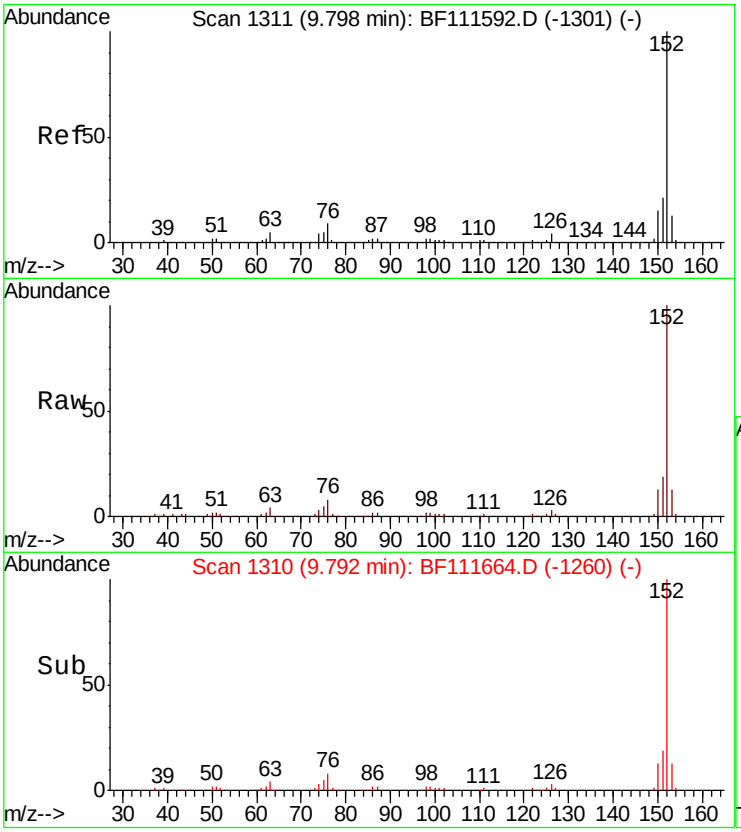


#48
2-Nitroaniline
Concen: 2.663 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion: 65 Resp: 14050

Ion	Ratio	Lower	Upper
65	100		
92	57.9	53.5	80.3
138	91.7	80.9	121.3



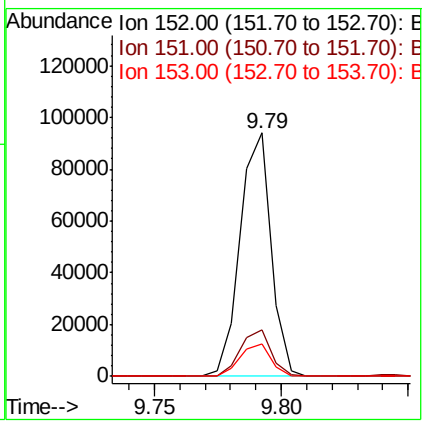


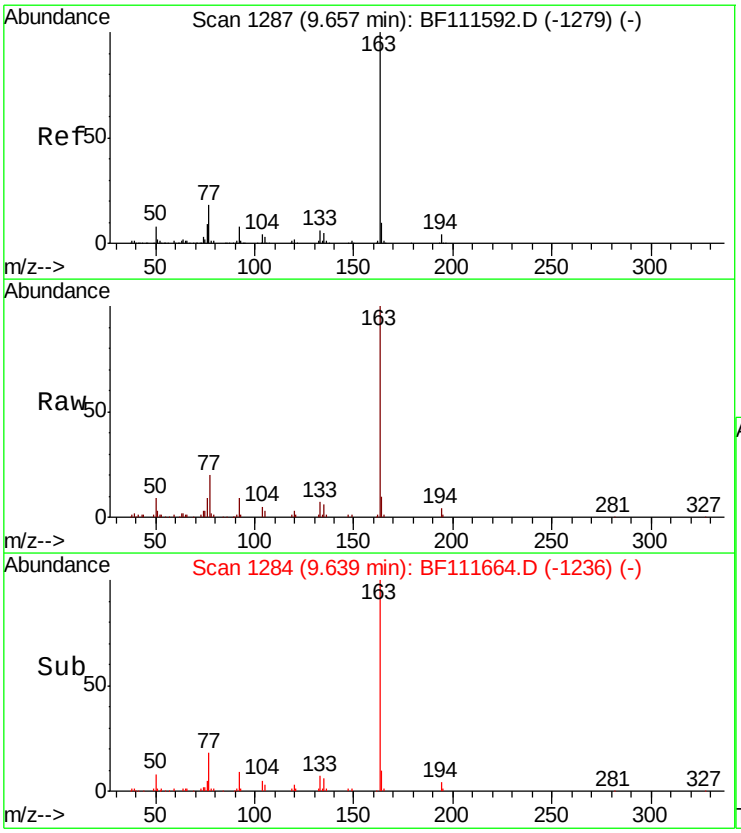
#49
Acenaphthylene
Concen: 2.699 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:152 Resp: 79914

Ion	Ratio	Lower	Upper
152	100		
151	19.0	18.0	27.0
153	13.1	12.3	18.5

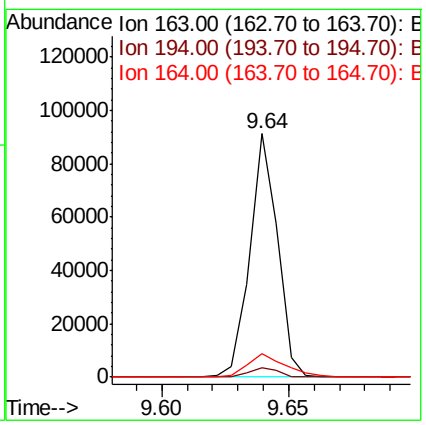


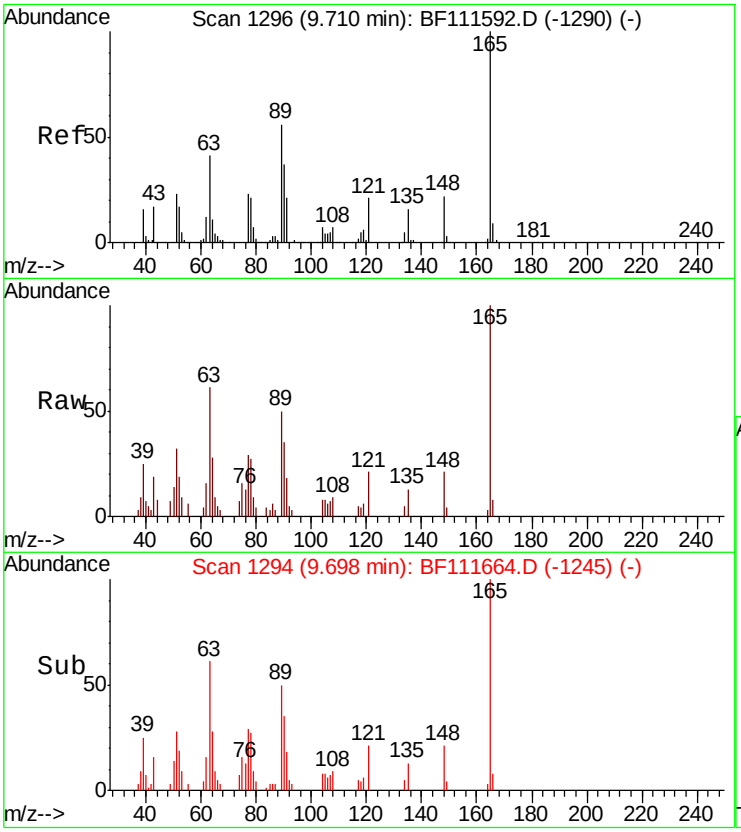


#50
Dimethylphthalate
Concen: 3.117 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:163 Resp: 69114

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.5	8.9	13.3



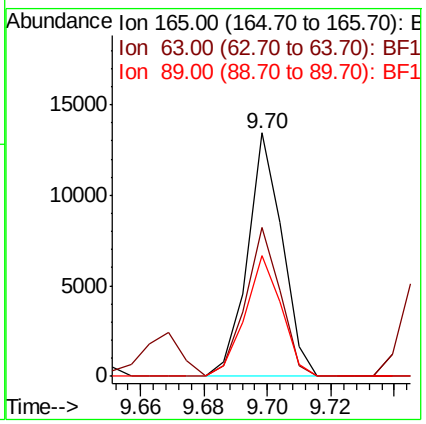


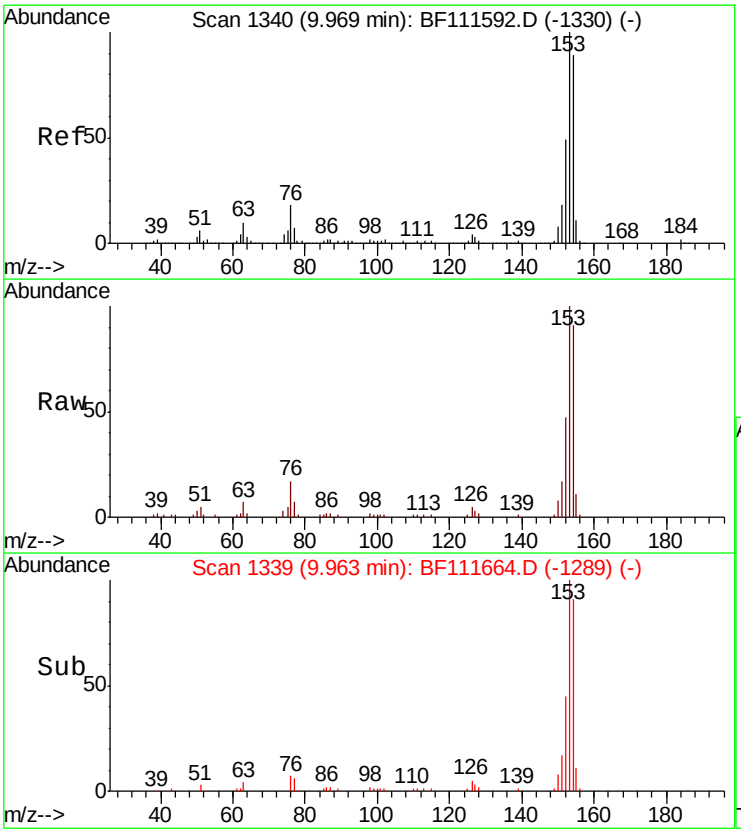
#51
2,6-Dinitrotoluene
Concen: 2.309 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:165 Resp: 10212

Ion	Ratio	Lower	Upper
165	100		
63	61.4	40.5	60.7#
89	49.7	40.0	60.0

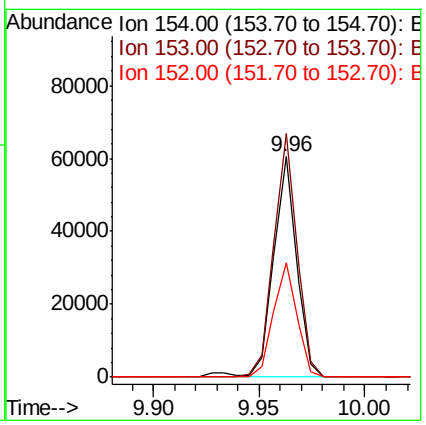


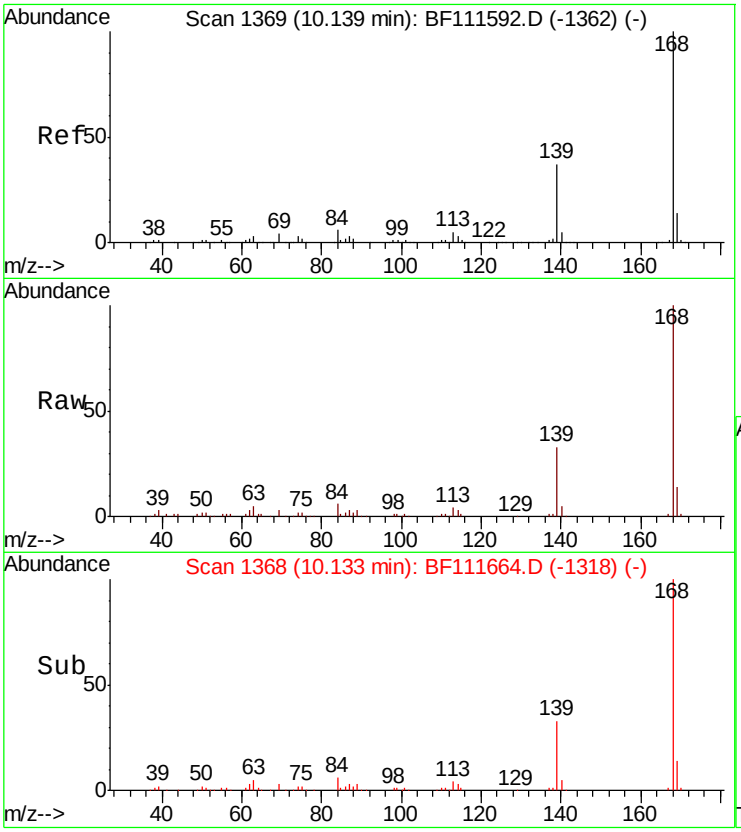


#52
Acenaphthene
Concen: 2.545 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:154 Resp: 46488

Ion	Ratio	Lower	Upper
154	100		
153	110.5	87.8	131.8
152	52.0	43.4	65.2



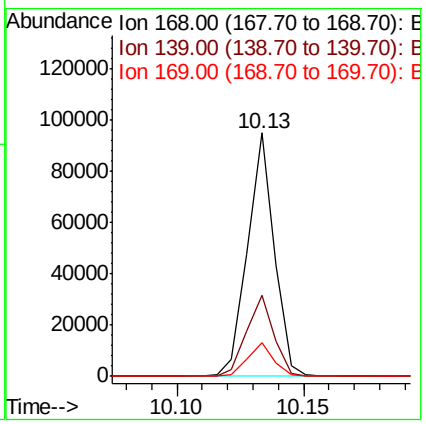


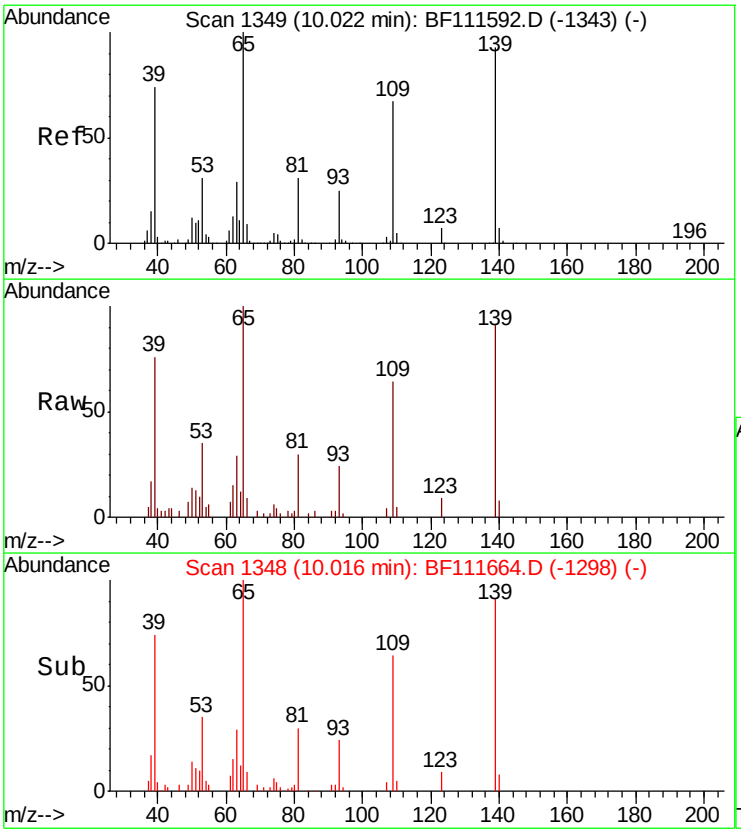
#55
Dibenzofuran
Concen: 2.533 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:168 Resp: 69885

Ion	Ratio	Lower	Upper
168	100		
139	33.4	32.6	49.0
169	13.6	11.8	17.6

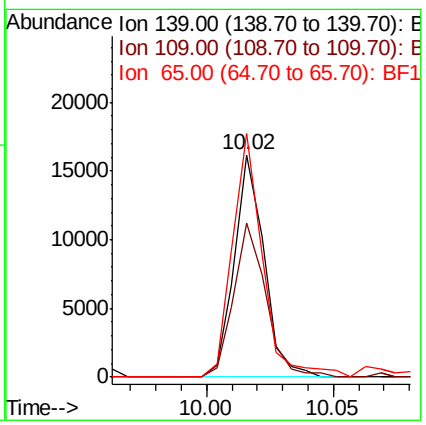


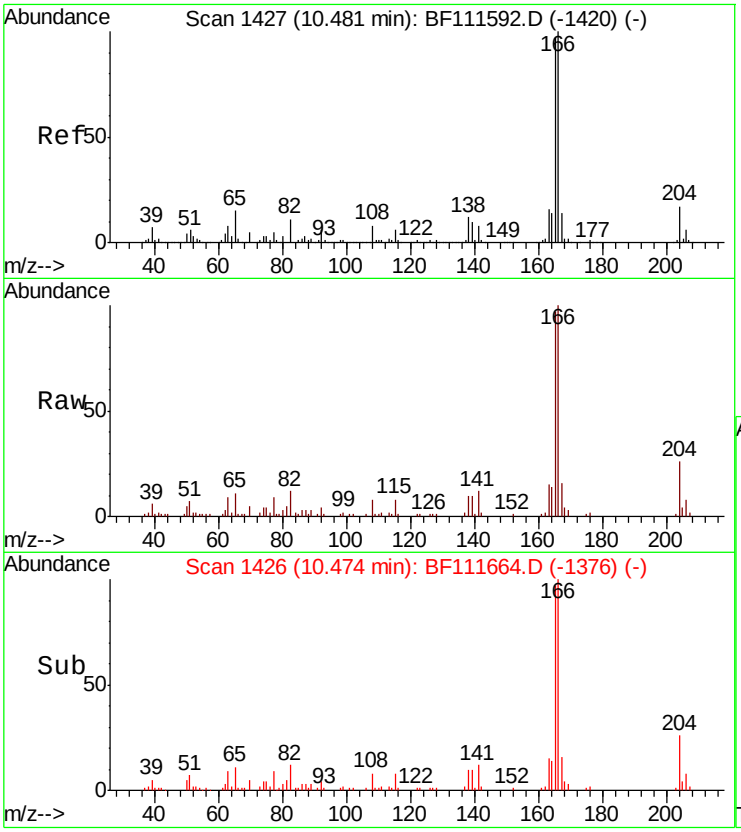


#56
4-Nitrophenol
Concen: 3.657 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:139 Resp: 13160

Ion	Ratio	Lower	Upper
139	100		
109	69.7	41.8	81.8
65	109.7	79.6	119.6



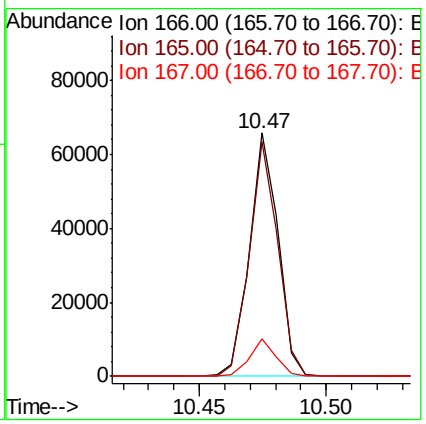


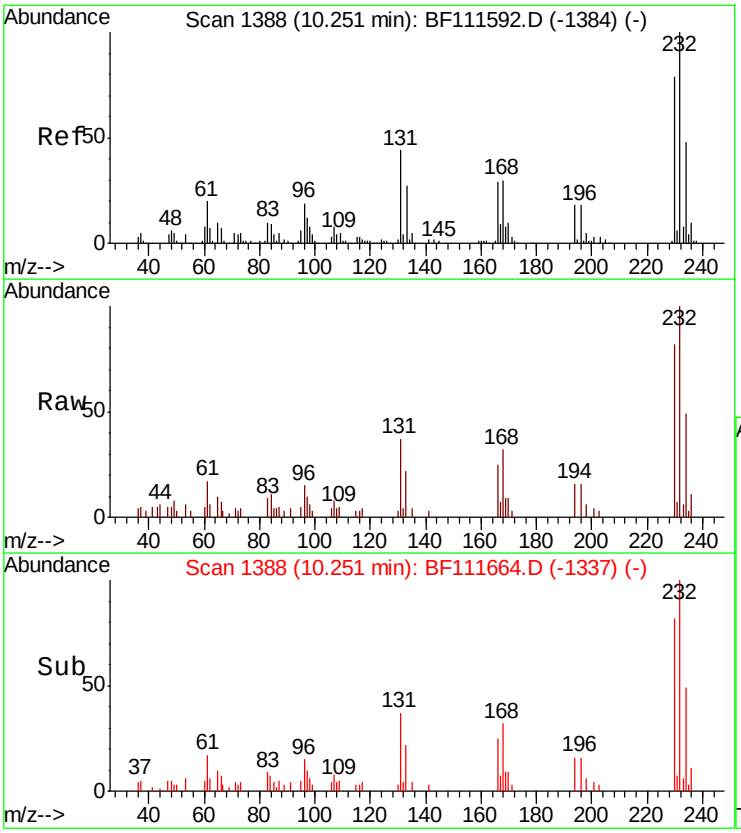
#58
Fluorene
Concen: 2.609 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:166 Resp: 51886

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.4	117.6
167	15.6	11.2	16.8

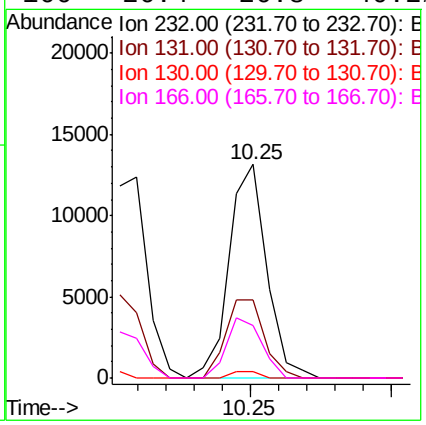


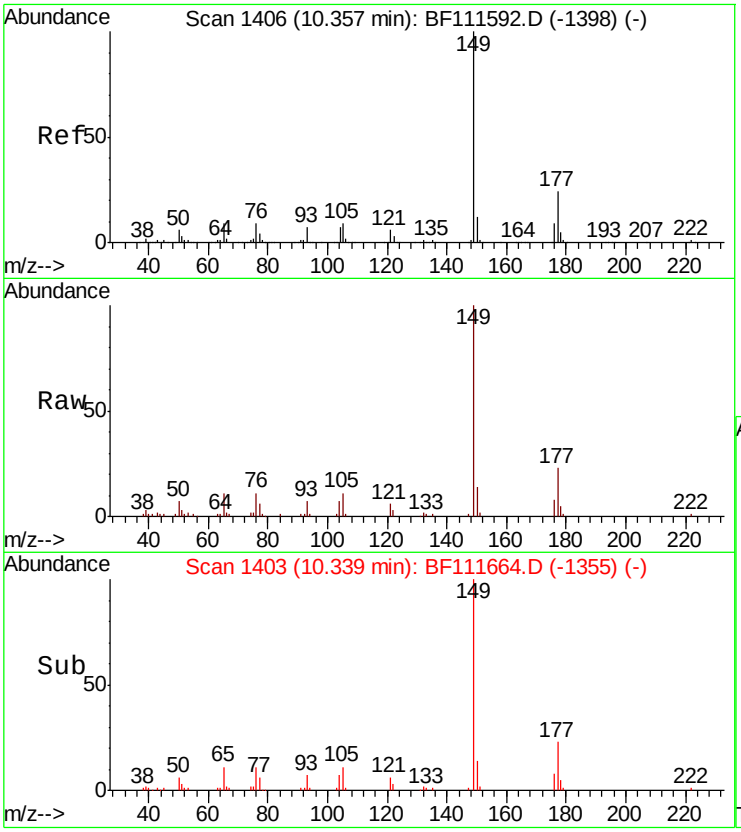


#59
2,3,4,6-Tetrachlorophenol
Concen: 2.111 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:232 Resp: 12127

Ion	Ratio	Lower	Upper
232	100		
131	38.1	40.9	61.3#
130	2.2	2.0	3.0
166	26.4	26.8	40.2#



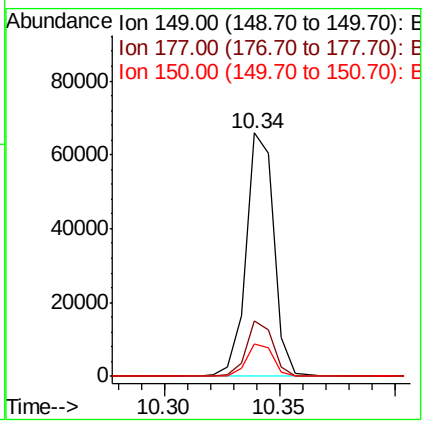


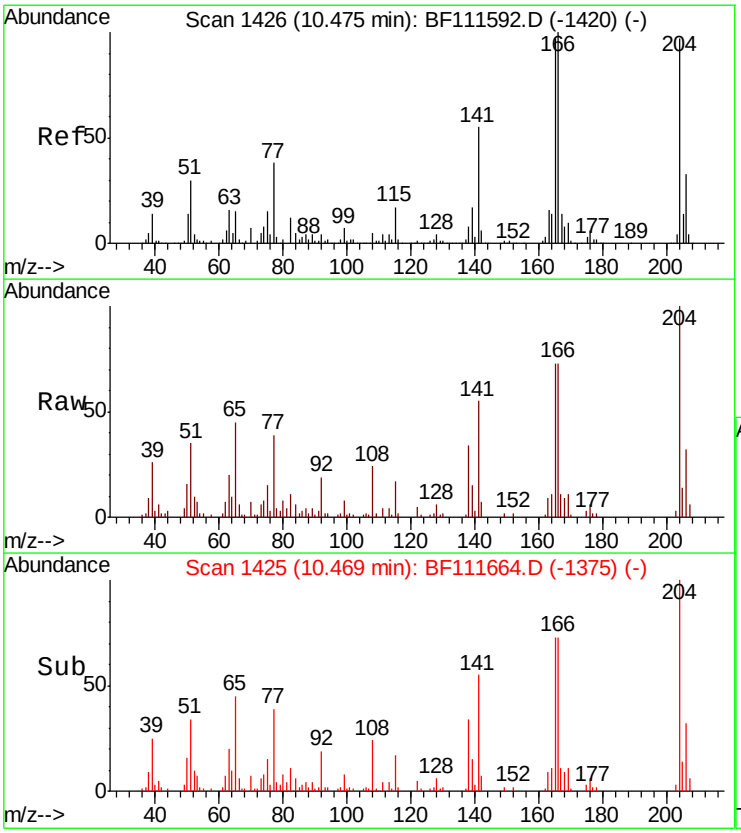
#60
Diethylphthalate
Concen: 2.547 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:149 Resp: 55413

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	13.5	10.6	15.8

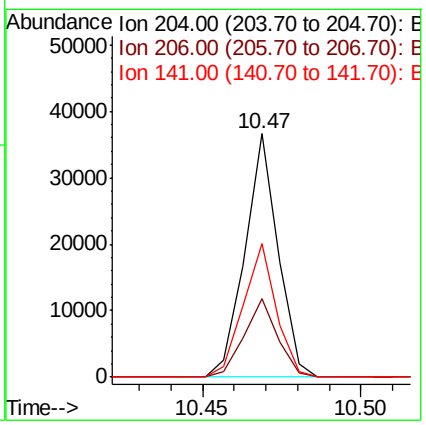


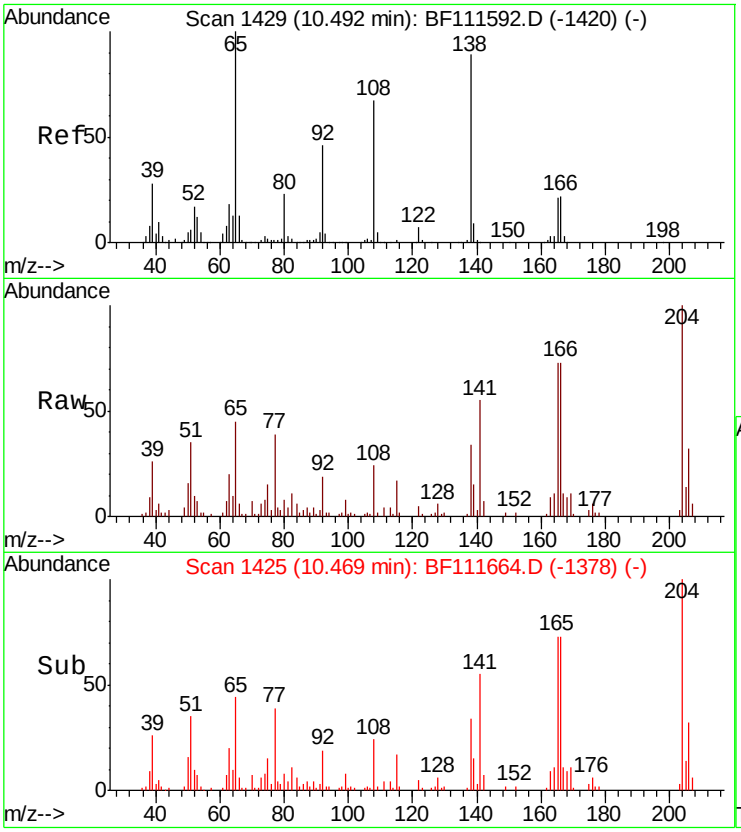


#61
4-Chlorophenyl-phenylether
Concen: 2.408 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:204 Resp: 26450

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	54.9	52.6	78.8



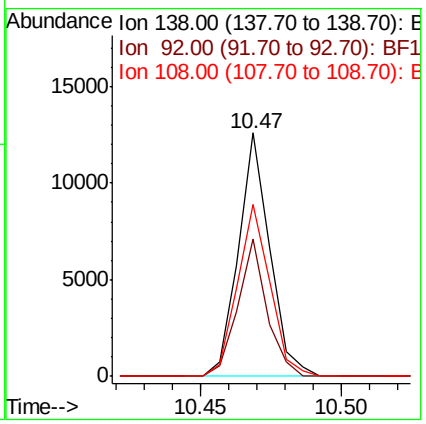


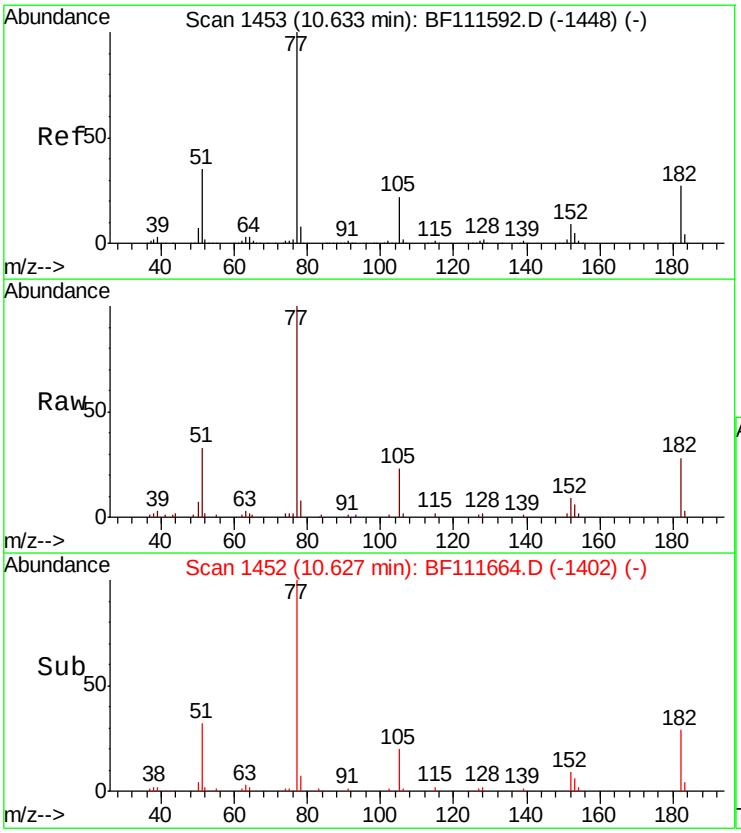
#62
4-Nitroaniline
Concen: 2.113 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:138 Resp: 9685

Ion	Ratio	Lower	Upper
138	100		
92	56.5	29.9	69.9
108	70.6	43.2	83.2

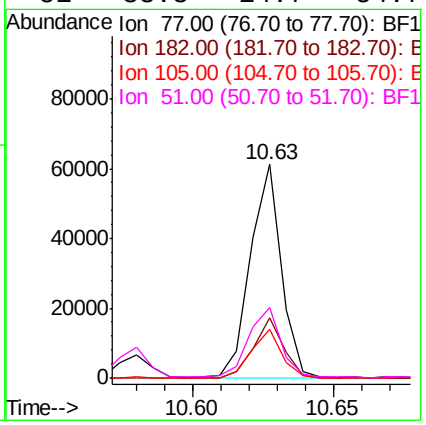


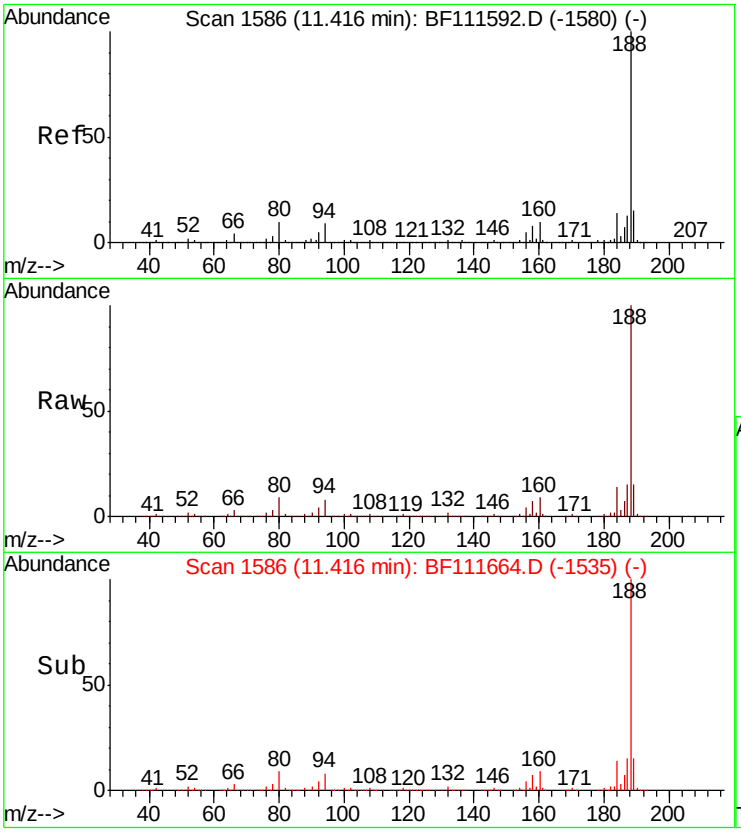


#63
Azobenzene
Concen: 2.133 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion: 77 Resp: 46574

Ion	Ratio	Lower	Upper
77	100		
182	28.0	4.9	44.9
105	22.7	6.0	46.0
51	33.3	14.7	54.7



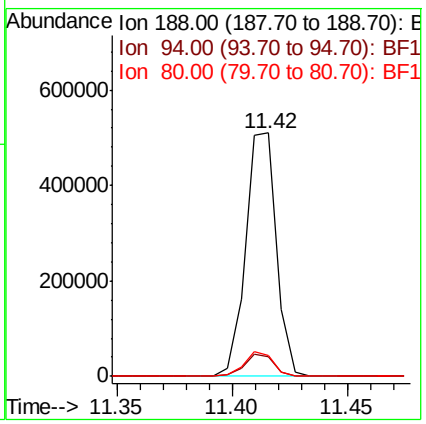


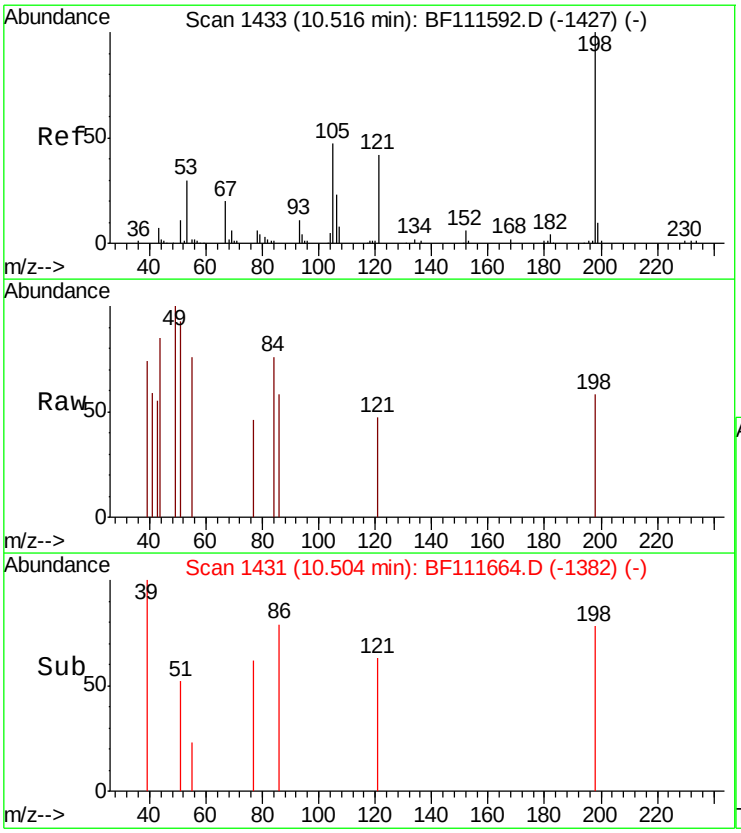
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:188 Resp: 475330

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.6	14.4#
80	8.7	9.8	14.6#

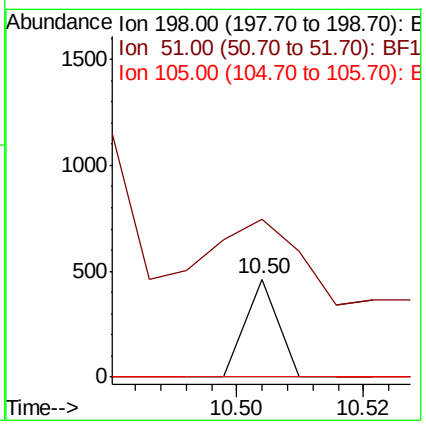


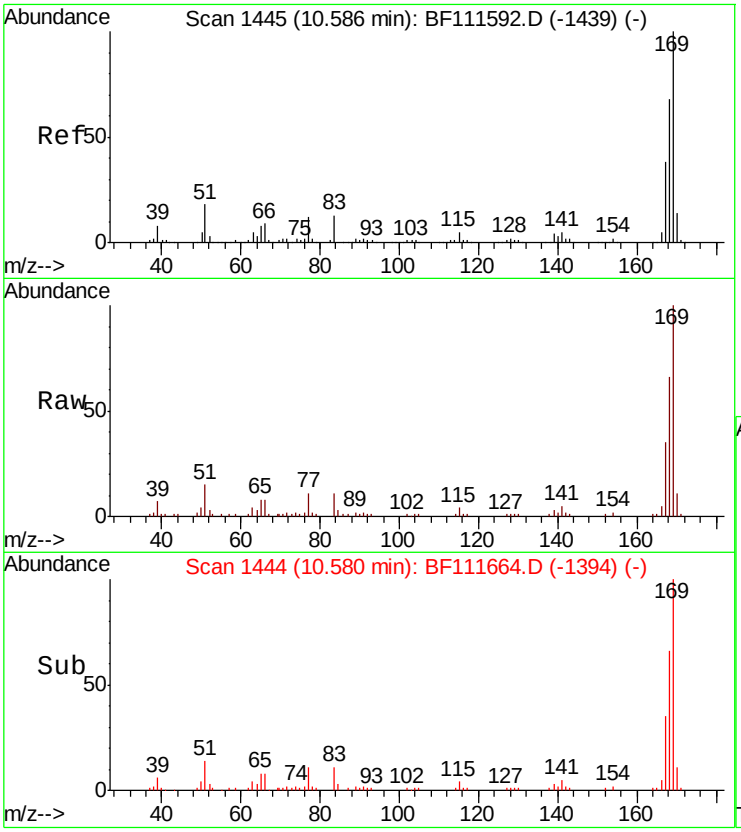


#65
4,6-Dinitro-2-methylphenol
Concen: 6.764 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:198 Resp: 163

Ion	Ratio	Lower	Upper
198	100		
51	161.1	48.0	88.0#
105	0.0	34.0	74.0#



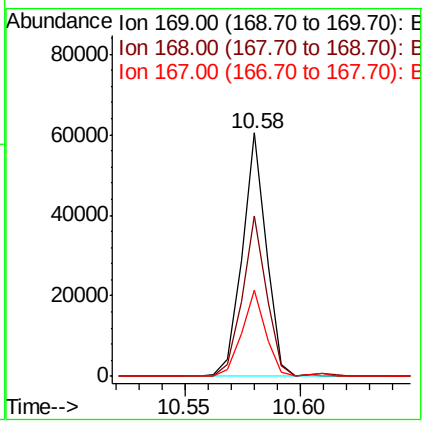


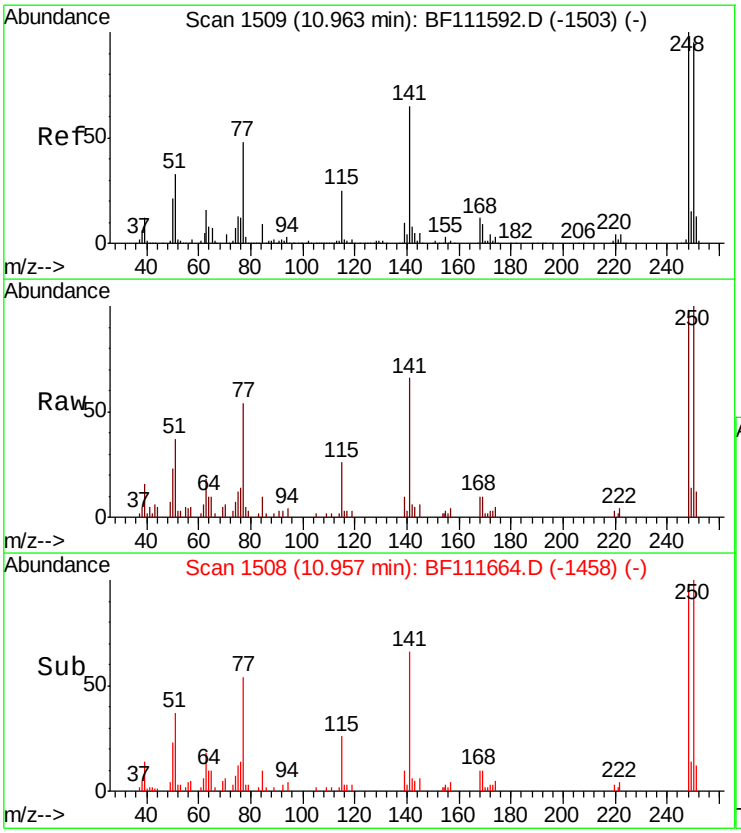
#66
n-Nitrosodiphenylamine
Concen: 2.750 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:169 Resp: 43886

Ion	Ratio	Lower	Upper
169	100		
168	65.9	54.4	81.6
167	35.3	30.5	45.7

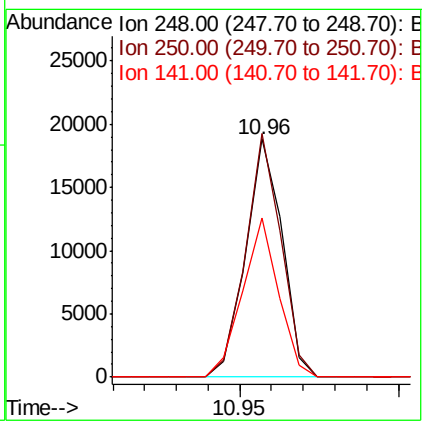


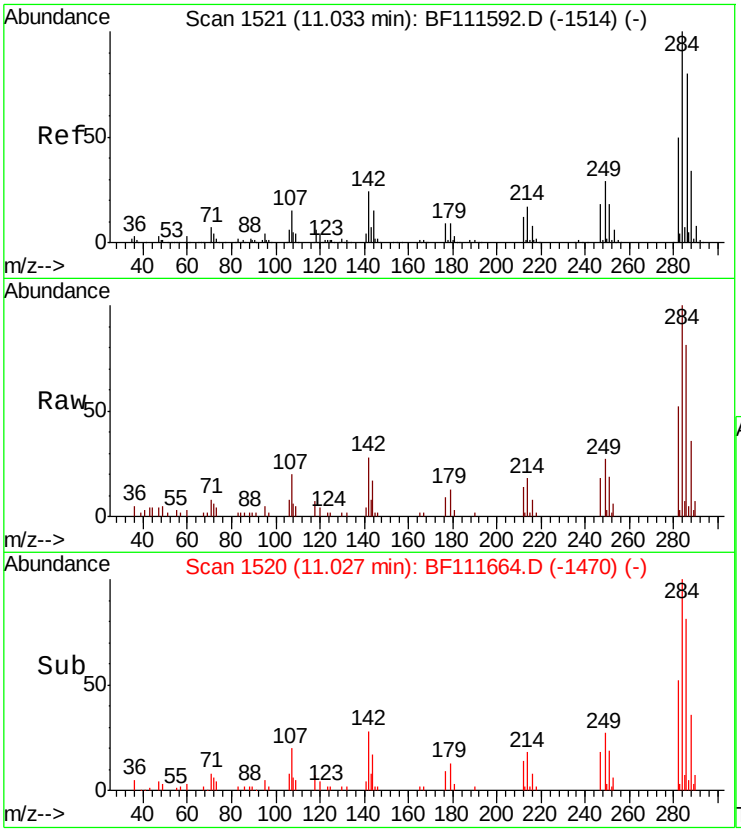


#67
4-Bromophenyl-phenylether
Concen: 2.553 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:248 Resp: 15052

Ion	Ratio	Lower	Upper
248	100		
250	102.2	77.0	115.4
141	67.0	63.0	94.6



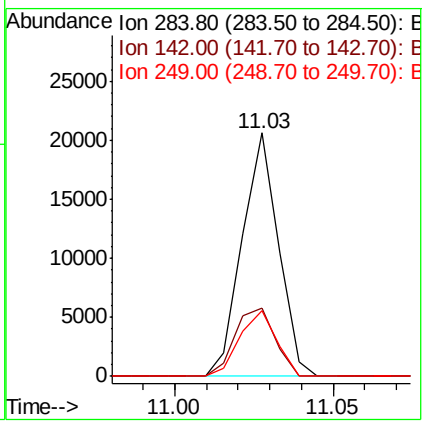


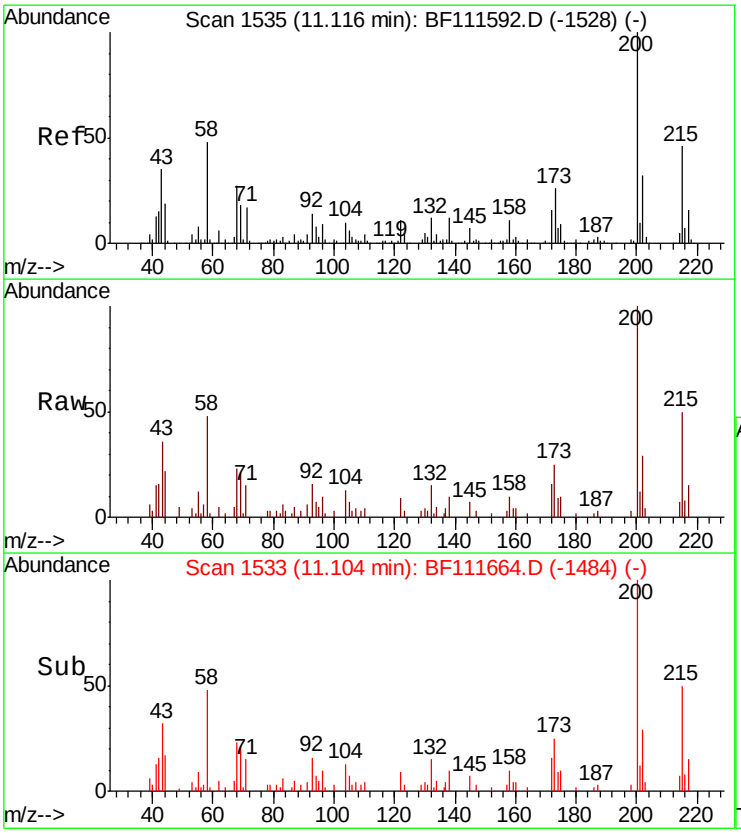
#68
Hexachlorobenzene
Concen: 2.487 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:284 Resp: 16348

Ion	Ratio	Lower	Upper
284	100		
142	28.0	27.4	41.2
249	27.2	24.4	36.6

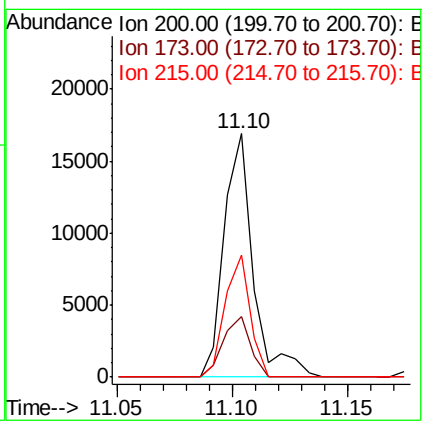


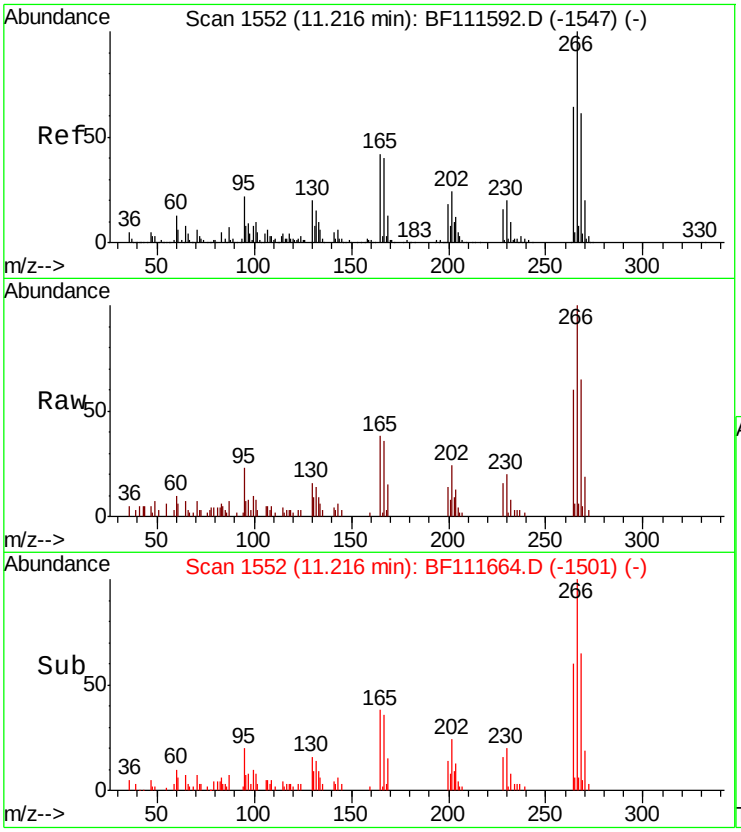


#69
Atrazine
Concen: 2.666 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:200 Resp: 14776

Ion	Ratio	Lower	Upper
200	100		
173	25.1	10.1	50.1
215	49.9	26.9	66.9



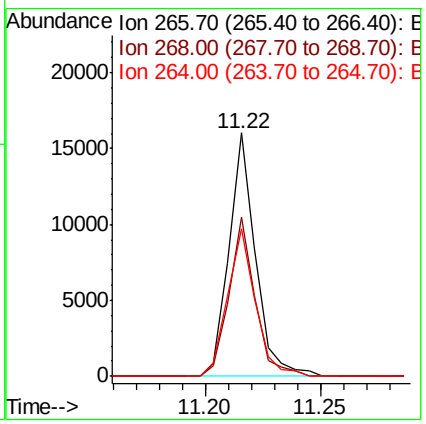


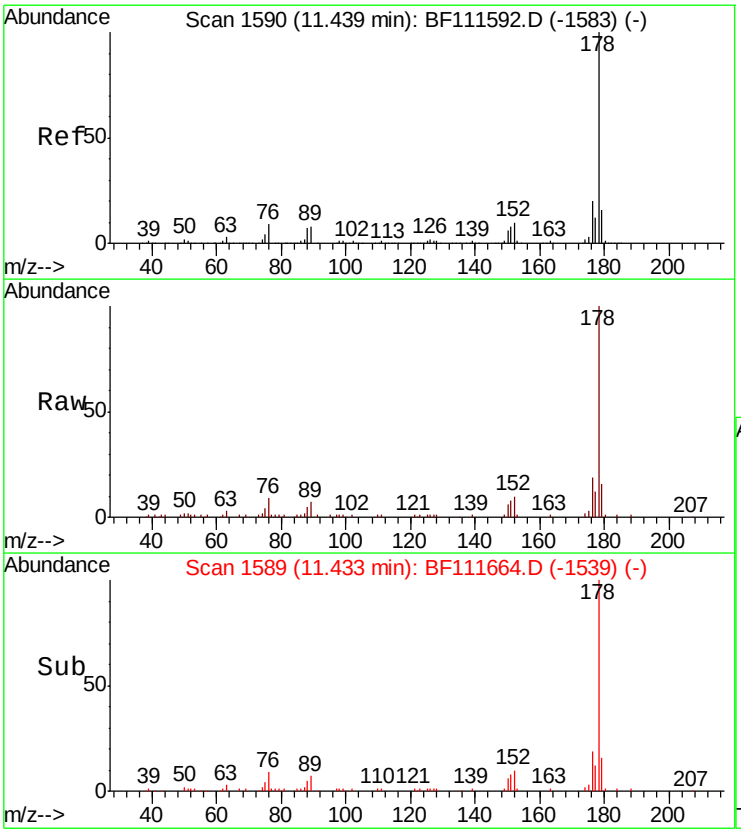
#70
Pentachlorophenol
Concen: 3.162 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:266 Resp: 12851

Ion	Ratio	Lower	Upper
266	100		
268	65.3	47.9	71.9
264	60.5	49.1	73.7

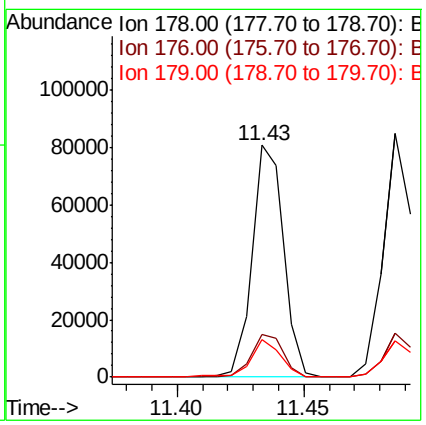


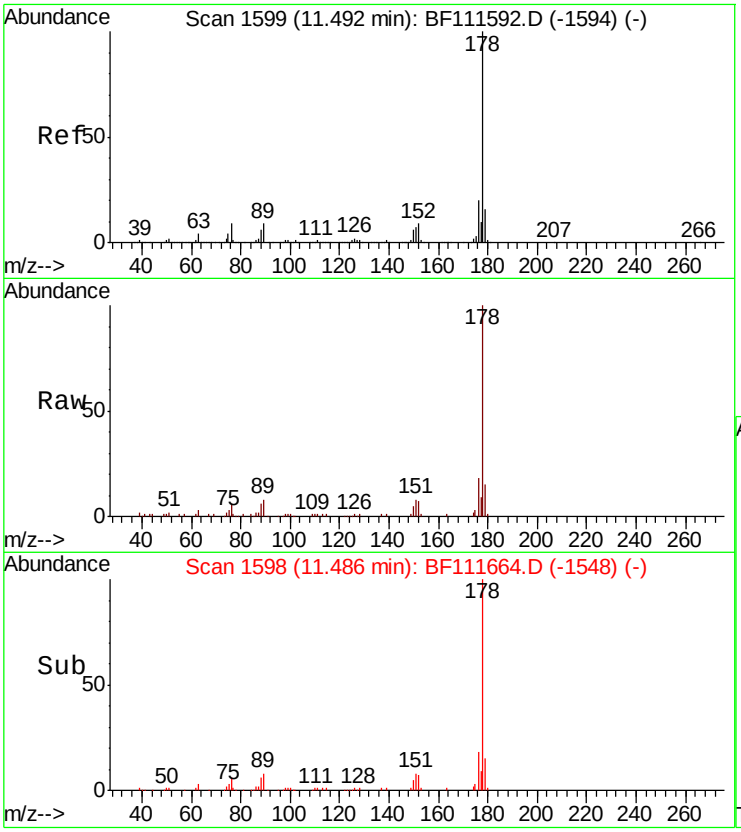


#71
Phenanthrene
Concen: 2.775 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:178 Resp: 69942

Ion	Ratio	Lower	Upper
178	100		
176	18.6	18.1	27.1
179	16.0	14.0	21.0



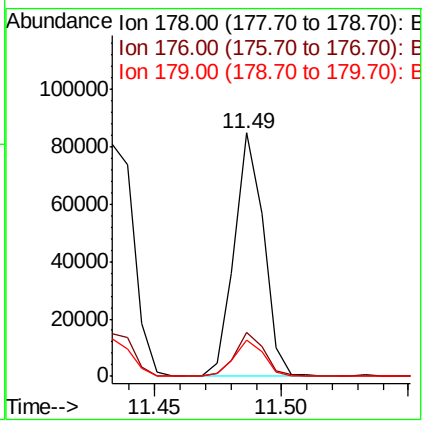


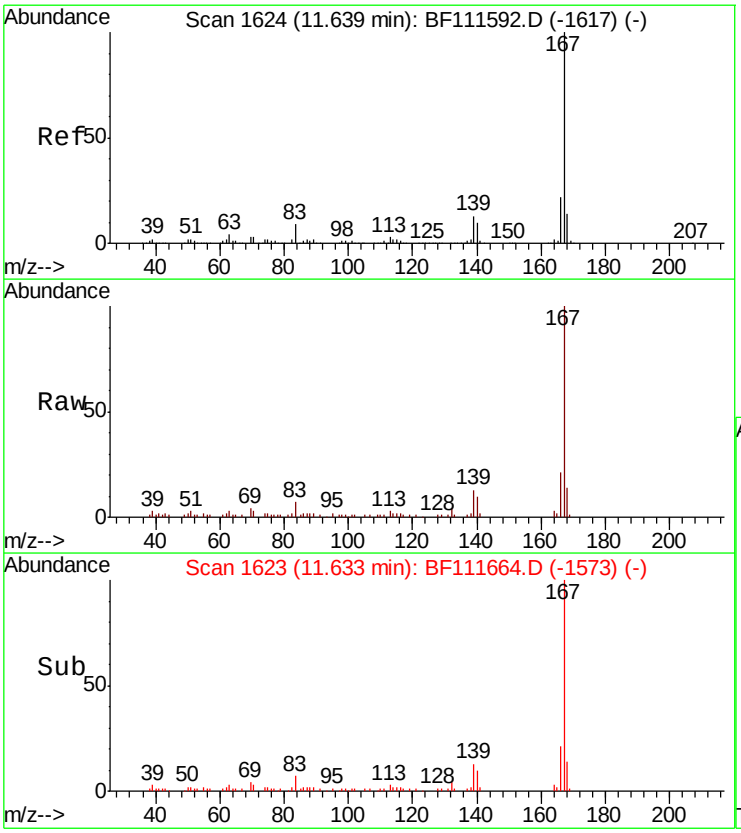
#72
Anthracene
Concen: 2.701 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:178 Resp: 68331

Ion	Ratio	Lower	Upper
178	100		
176	17.9	17.2	25.8
179	14.7	13.8	20.8

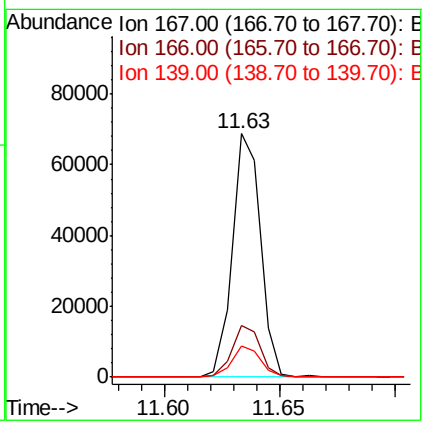


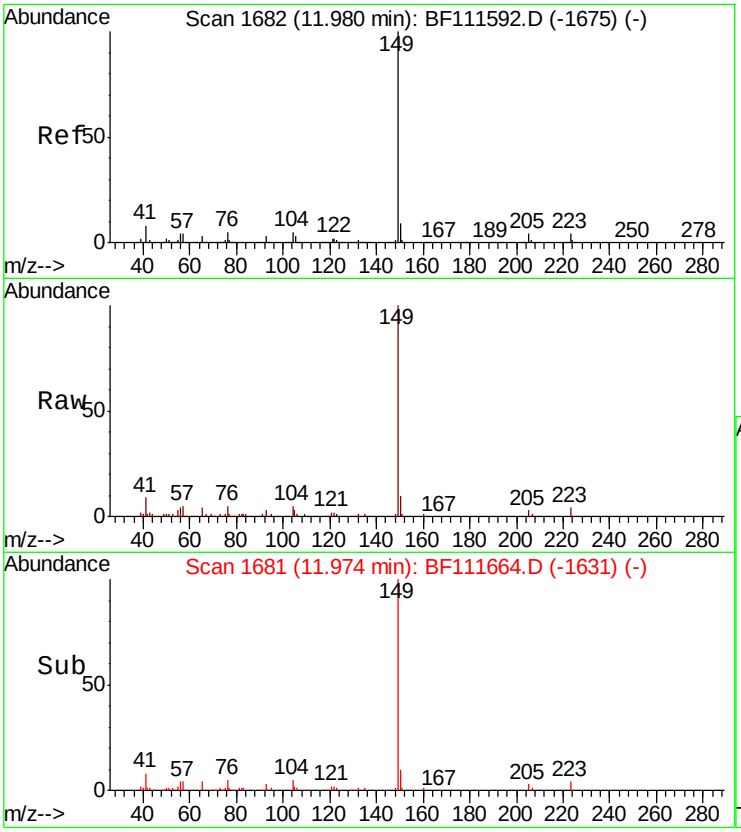


#73
Carbazole
Concen: 2.377 ng
RT: 11.63 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:167 Resp: 58394

Ion	Ratio	Lower	Upper
167	100		
166	21.3	19.3	28.9
139	12.6	11.9	17.9



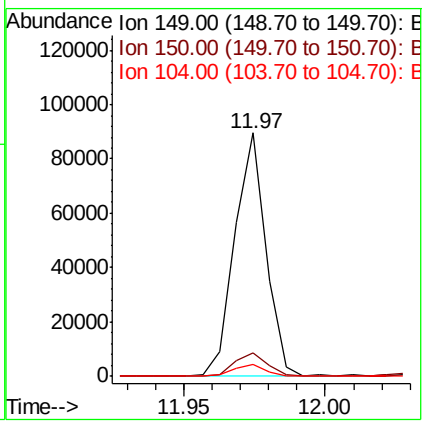


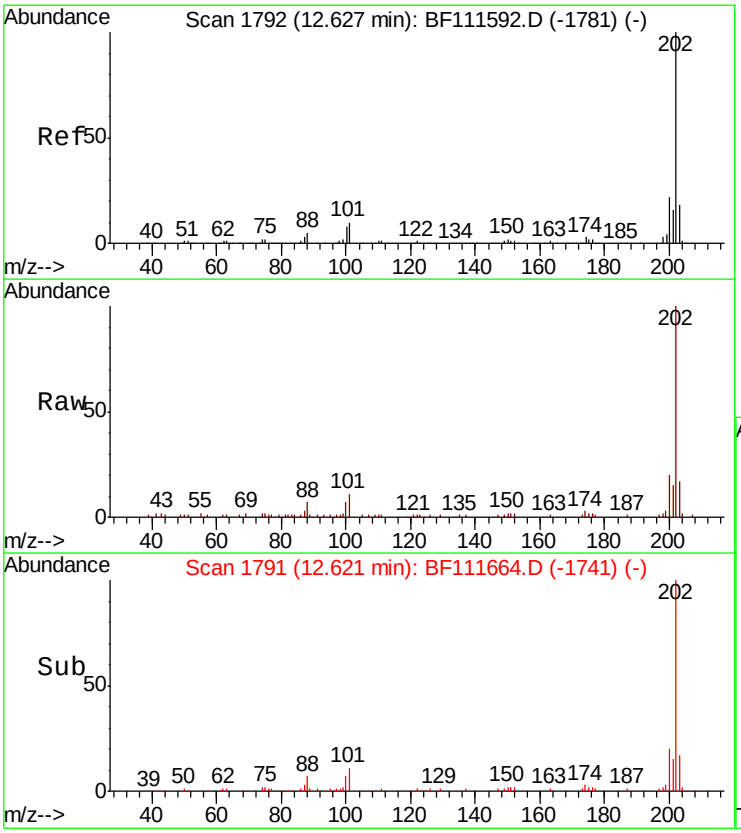
#74
Di-n-butylphthalate
Concen: 2.497 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:149 Resp: 68777

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.8	13.2
104	4.7	4.5	6.7

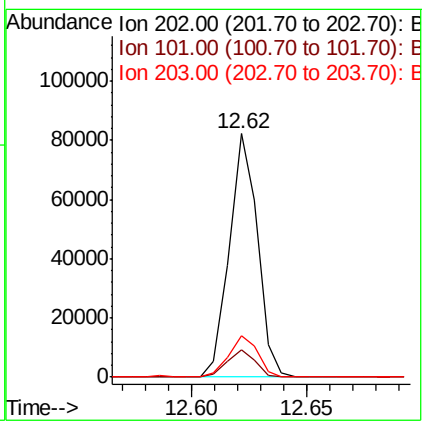


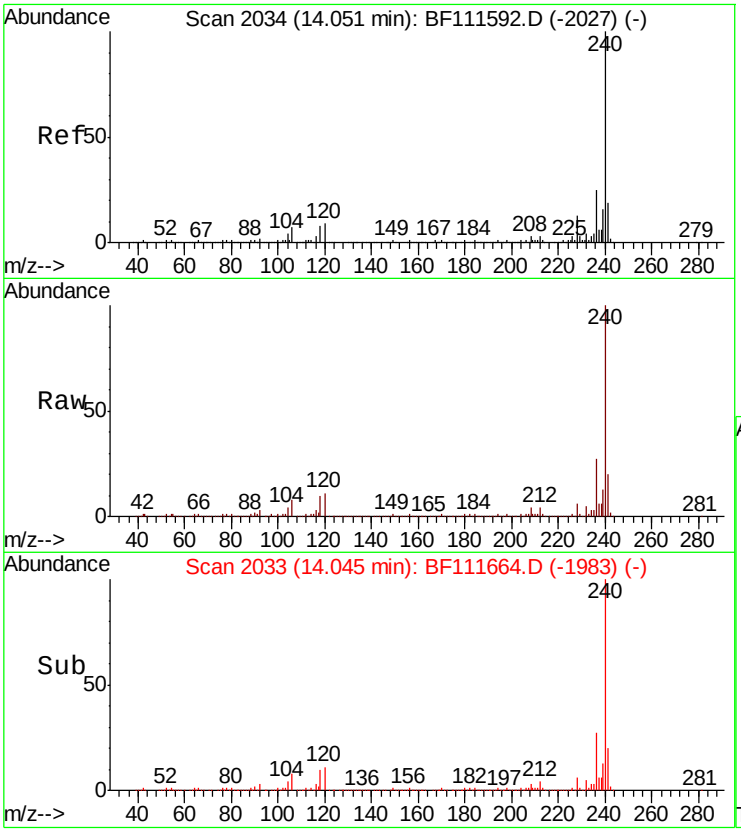


#75
Fluoranthene
Concen: 2.736 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:202 Resp: 69836

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.8
203	17.2	0.0	38.6



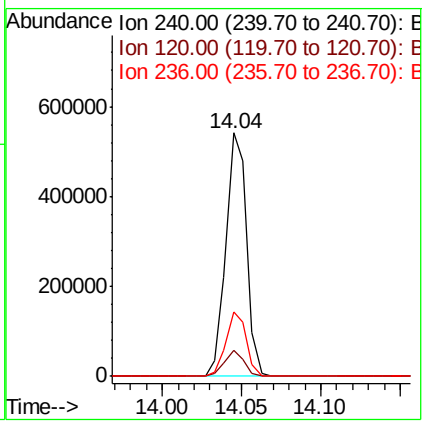


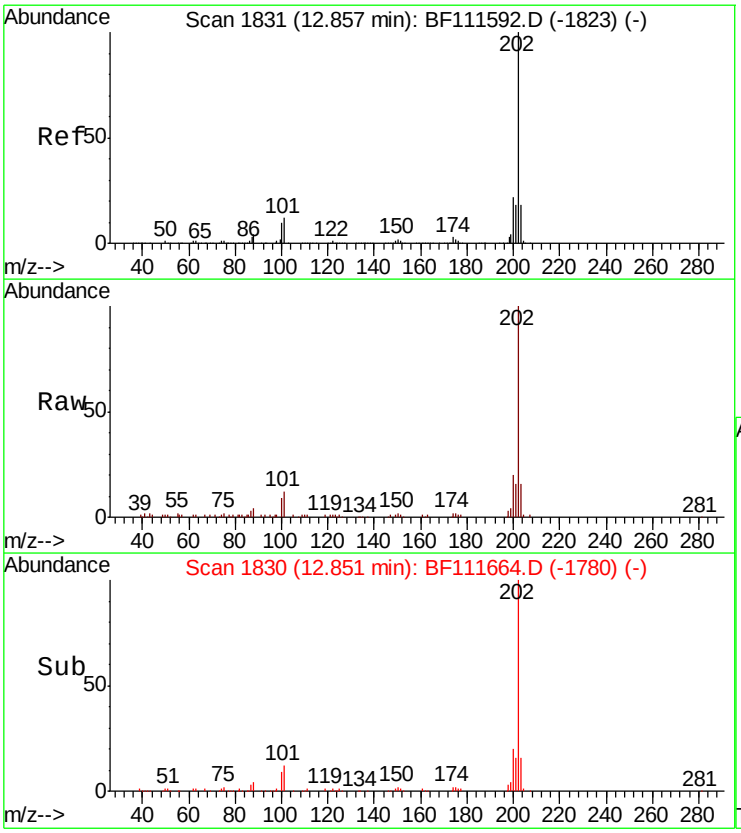
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:240 Resp: 490482

Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.2	18.2#
236	26.5	20.2	30.2

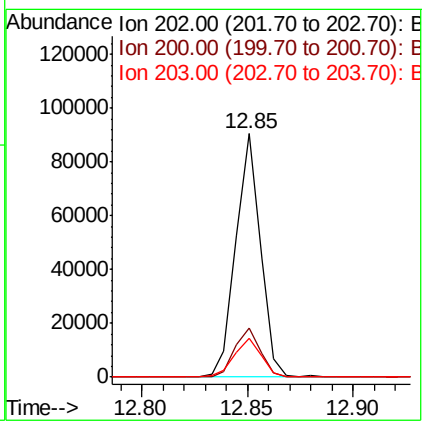


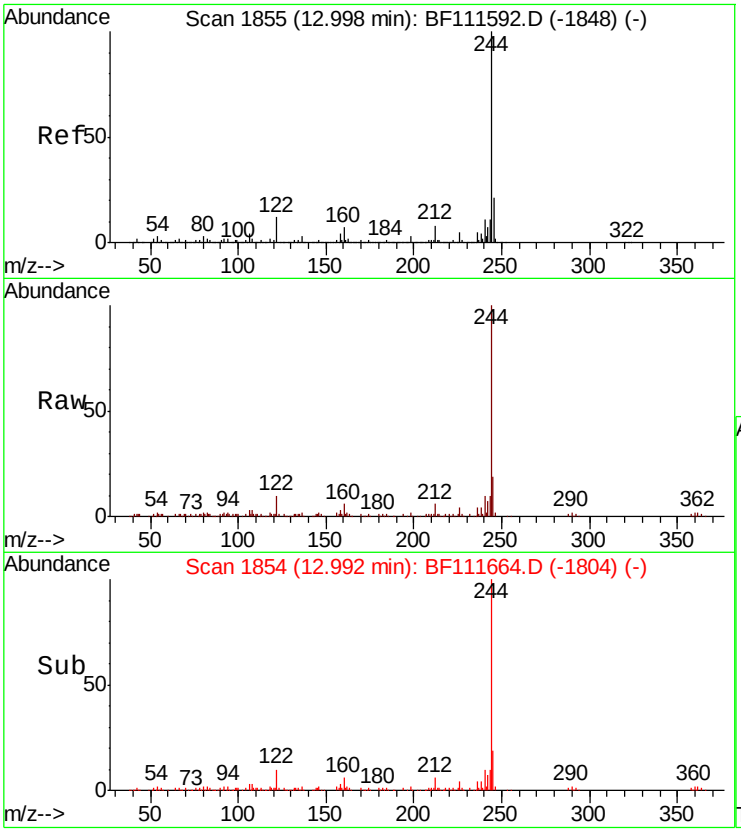


#78
Pyrene
Concen: 2.101 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:202 Resp: 72760

Ion	Ratio	Lower	Upper
202	100		
200	20.4	19.0	28.4
203	16.1	15.2	22.8



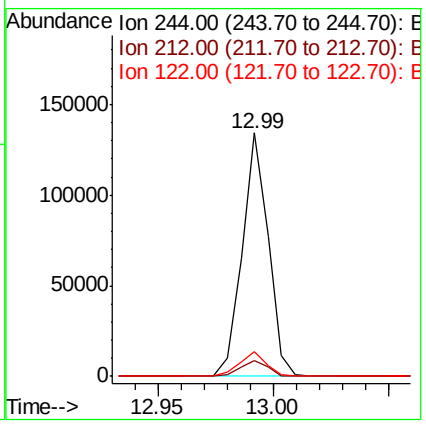


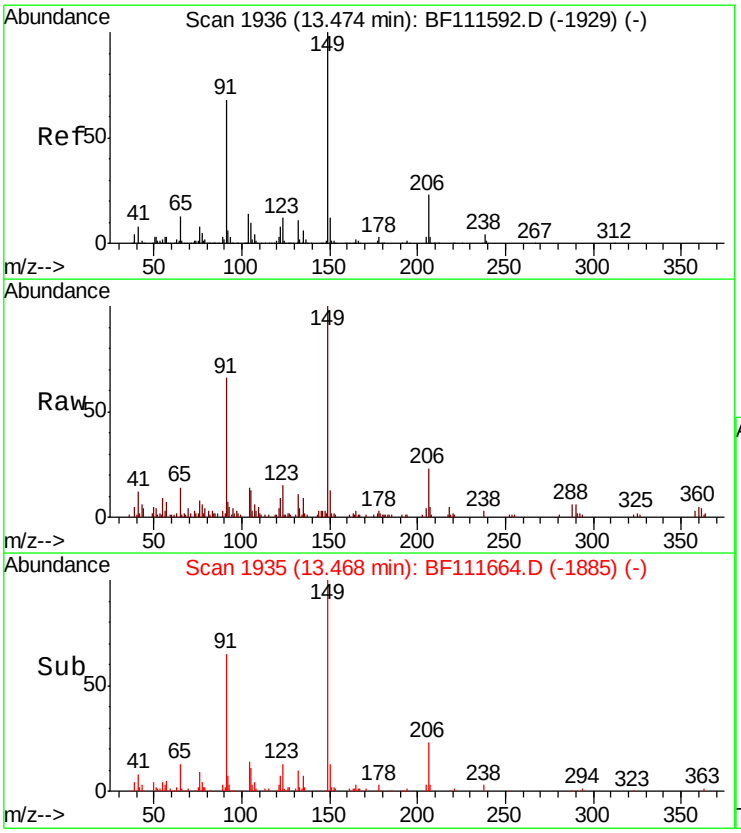
#79
Terphenyl-d14
Concen: 4.084 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:244 Resp: 105618

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	10.3	13.1	19.7#

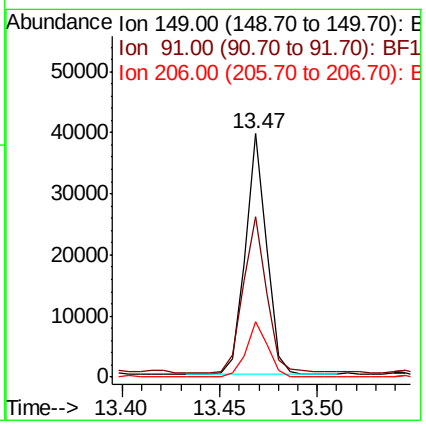


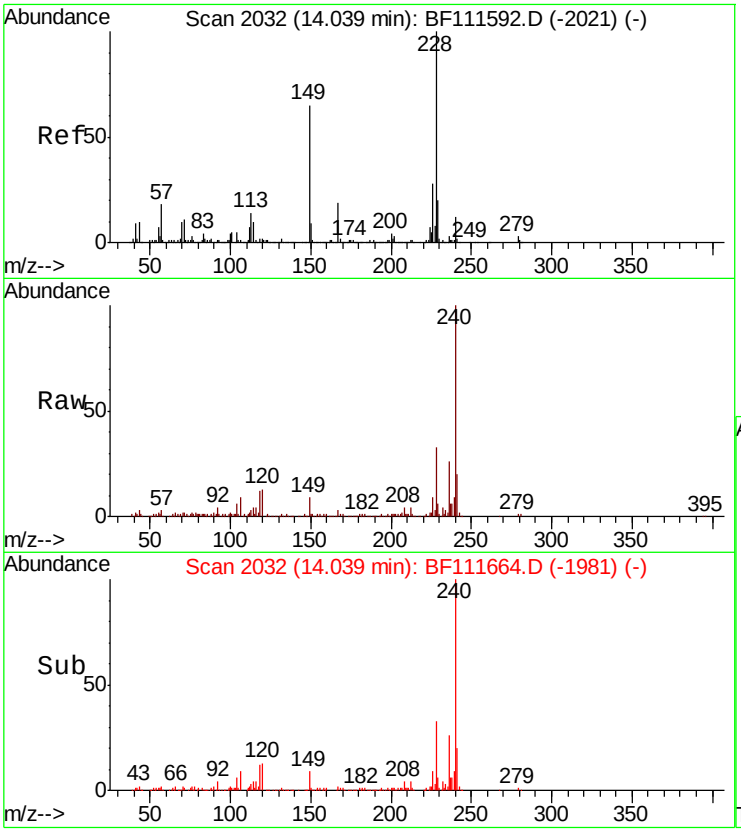


#80
Butylbenzylphthalate
Concen: 2.116 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:149 Resp: 29875

Ion	Ratio	Lower	Upper
149	100		
91	66.1	63.8	95.6
206	23.0	15.1	22.7#



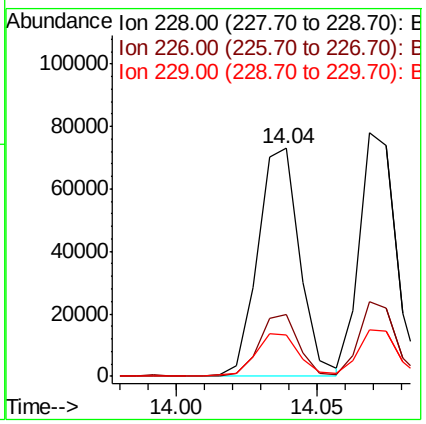


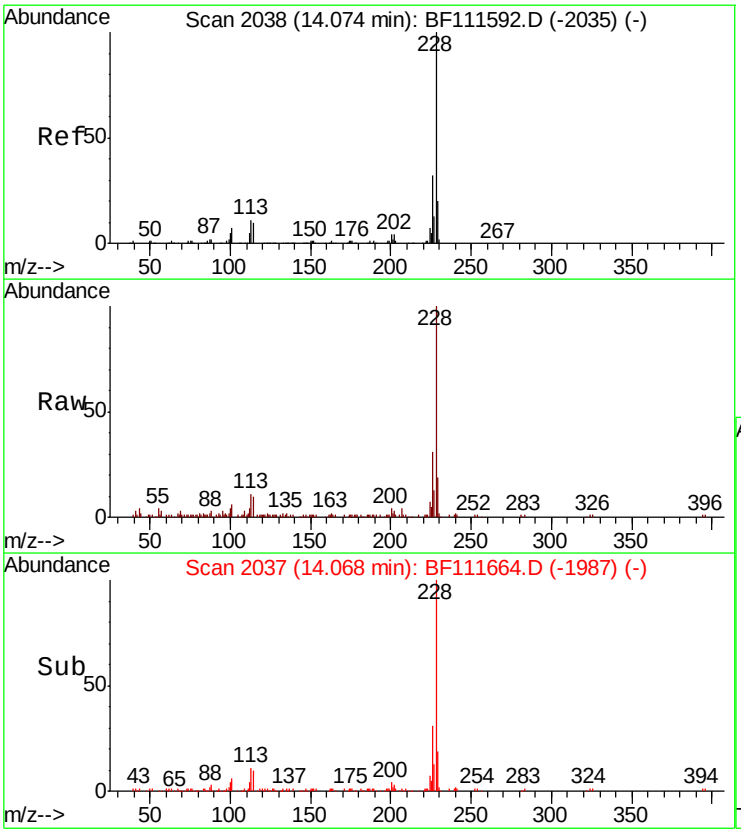
#81
Benzo(a)anthracene
Concen: 2.685 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:228 Resp: 75147

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	18.3	16.3	24.5

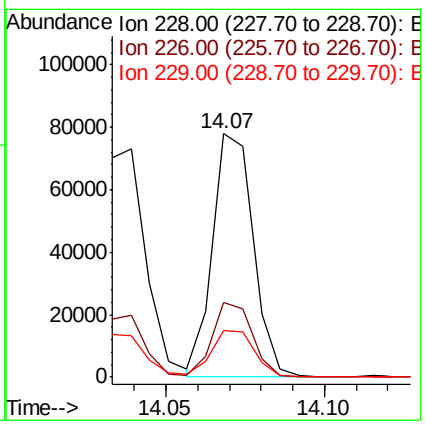


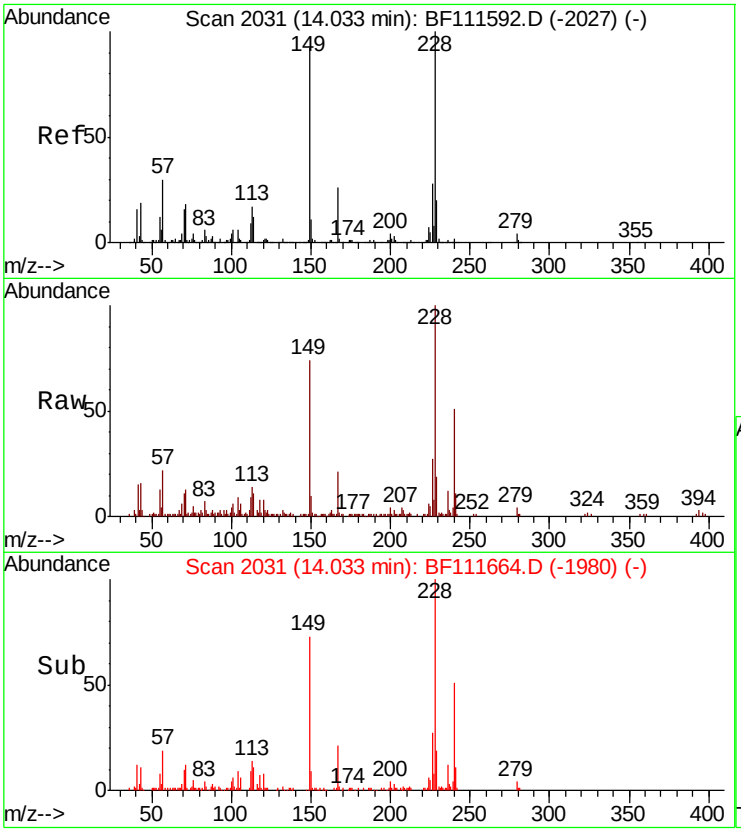


#83
Chrysene
Concen: 2.514 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:228 Resp: 69152

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.3	37.9
229	19.2	17.2	25.8



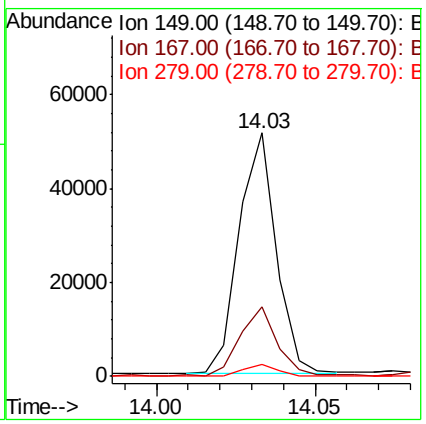


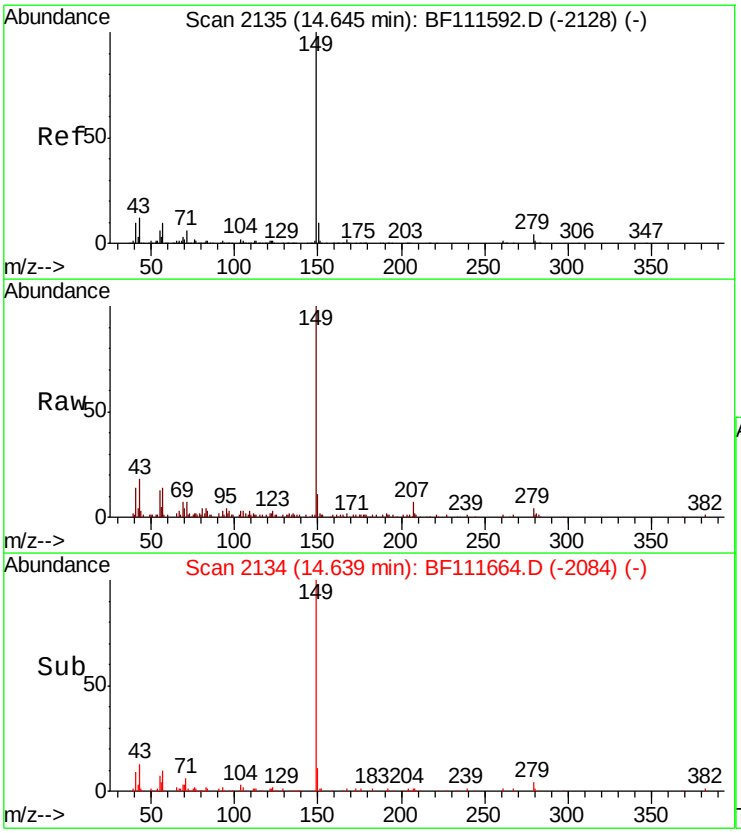
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.325 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:149 Resp: 41342

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.5	33.7
279	5.0	2.6	4.0#

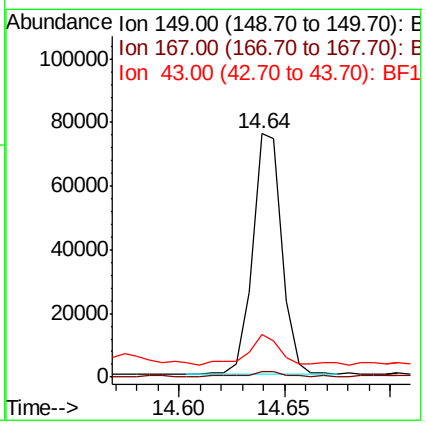


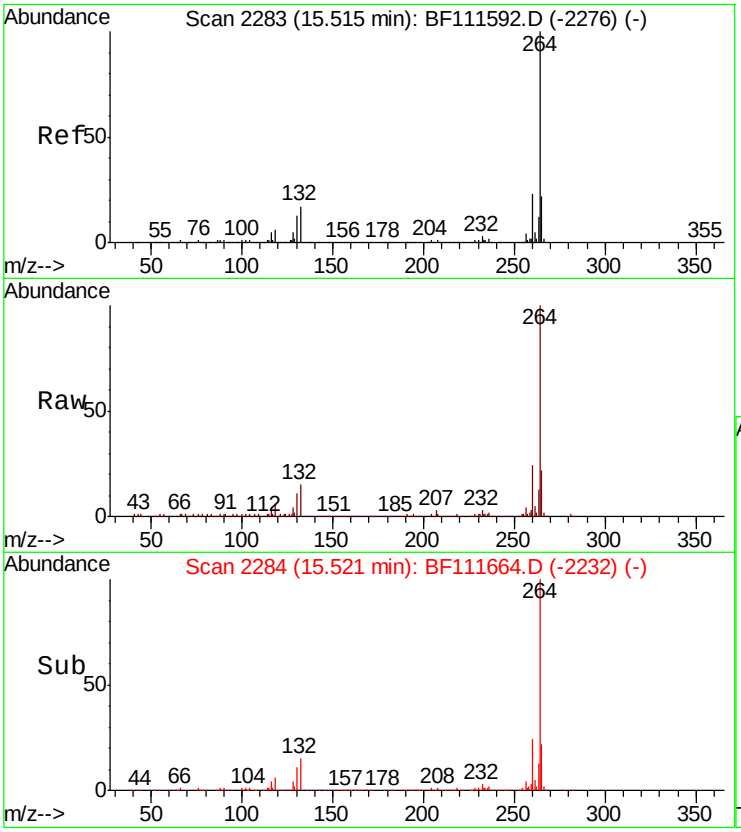


#85
Di-n-octyl phthalate
Concen: 2.658 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:149 Resp: 73243

Ion	Ratio	Lower	Upper
149	100		
167	3.1	1.3	1.9#
43	12.9	10.9	16.3



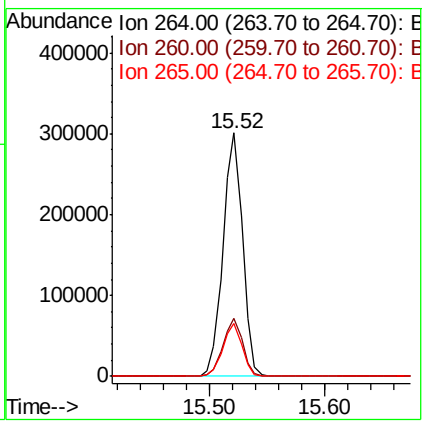


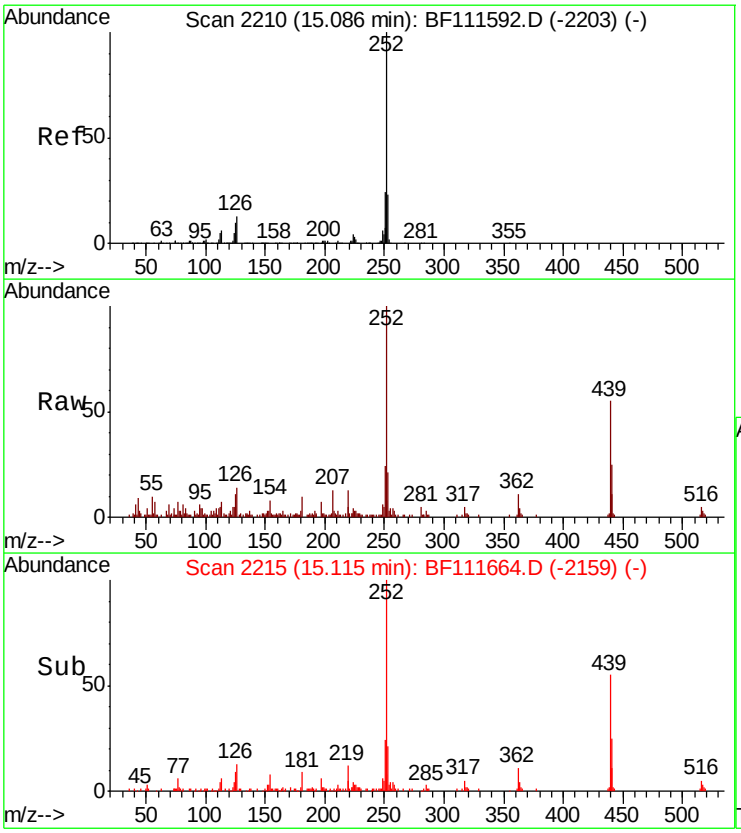
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:264 Resp: 353206

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.8	17.7	26.5

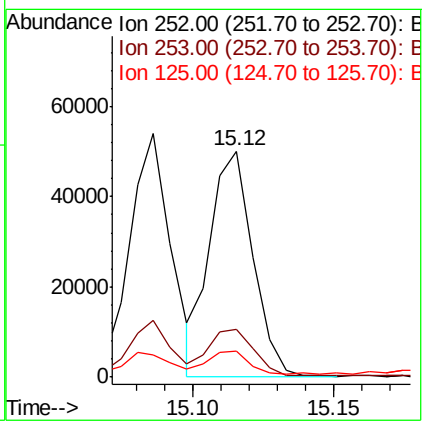


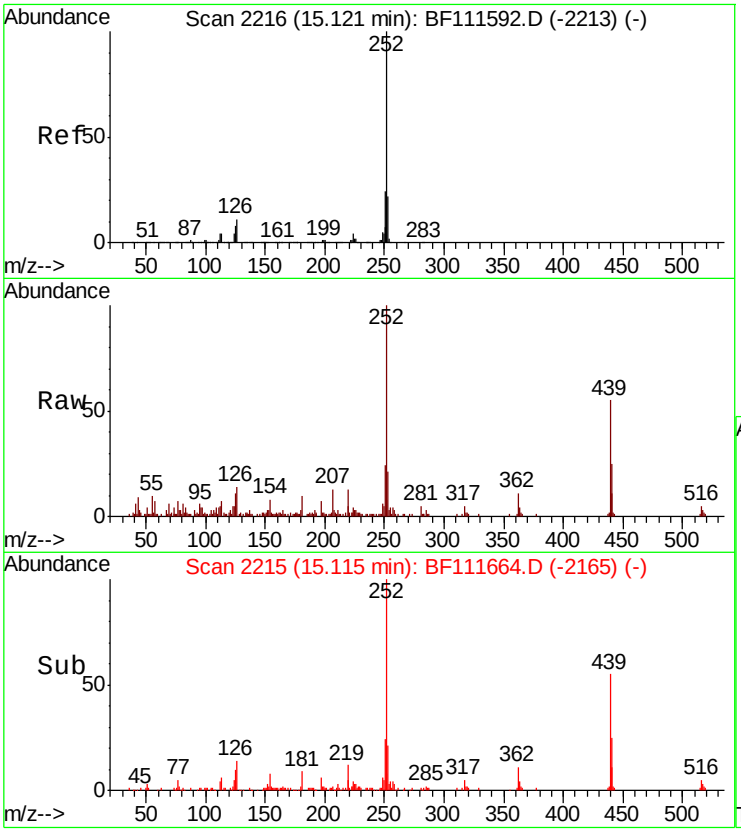


#88
Benzo(b)fluoranthene
Concen: 2.594 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:252 Resp: 53550

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	11.3	10.4	15.6



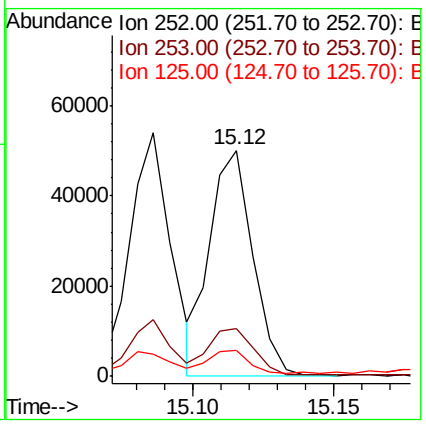


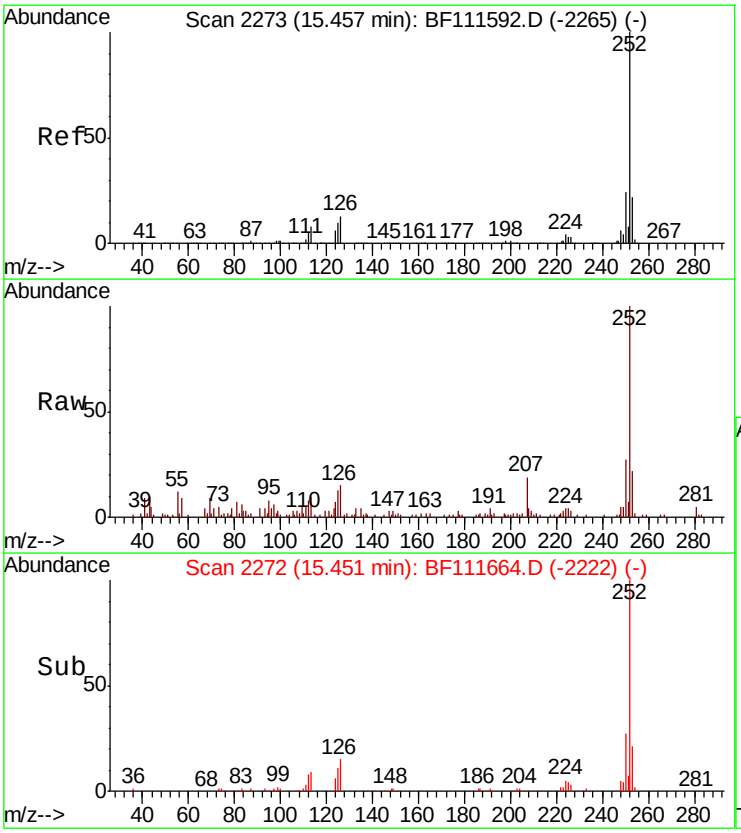
#89
Benzo(k)fluoranthene
Concen: 2.725 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:252 Resp: 53550

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	11.3	9.8	14.8

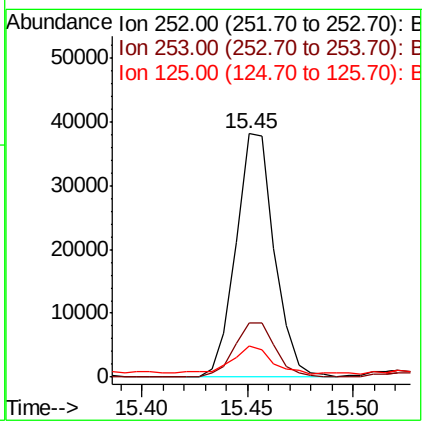


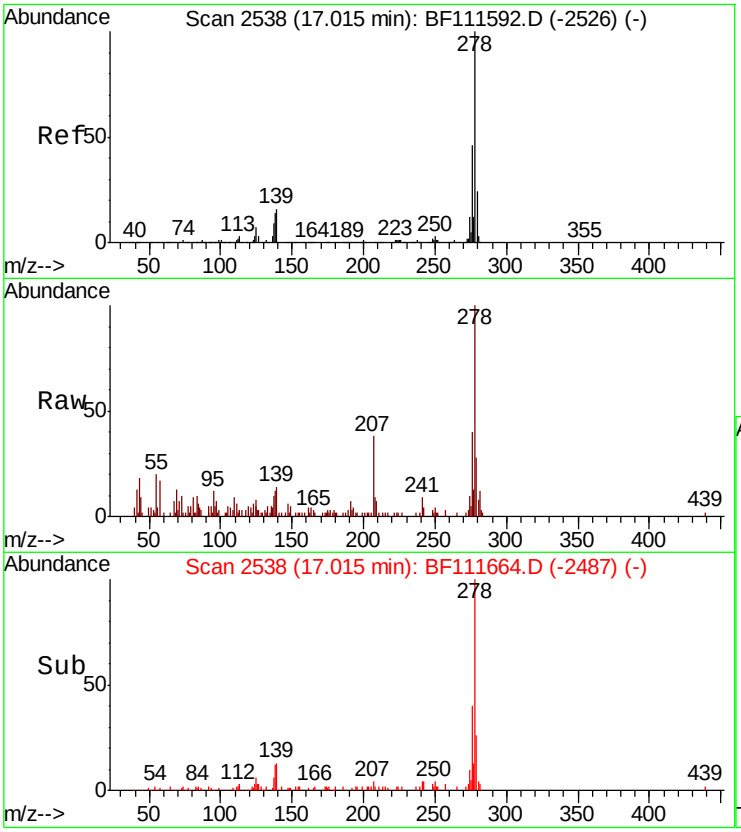


#90
Benzo(a)pyrene
Concen: 2.575 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:252 Resp: 48299

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	12.6	12.3	18.5



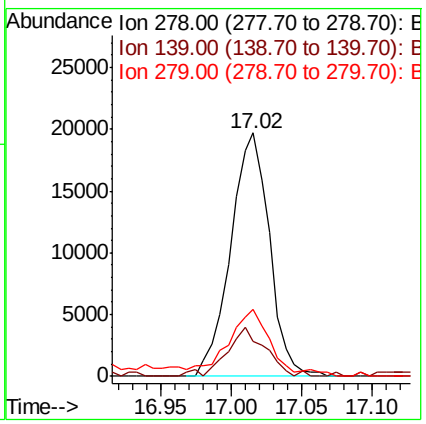


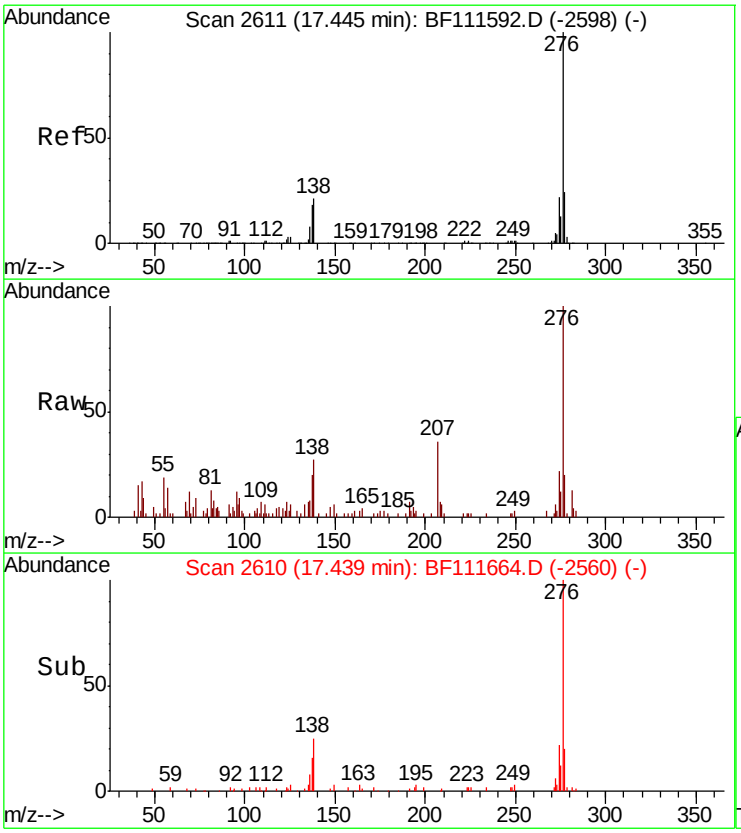
#91
Dibenzo(a,h)anthracene
Concen: 2.306 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Tgt Ion:278 Resp: 37871

Ion	Ratio	Lower	Upper
278	100		
139	14.5	18.2	27.4#
279	27.8	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 2.145 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:276 Resp: 34397

Ion	Ratio	Lower	Upper
276	100		
277	20.1	19.2	28.8
138	27.0	24.9	37.3