Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099537.D
Acq On : 16 Oct 2017 11:54
Operator : SJ/JU
Sample : PB103261BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 16 23:22:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97422	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	407688	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	185030	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	332678	20.00	ng		0.00
75) Chrysene-d12	14.02	240	231657	20.00	ng		0.00
86) Perylene-d12	15.49	264	167336	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	784019	128.11	ng		0.01
7) Phenol-d6	6.49	99	940568	124.59	ng		0.00
23) Nitrobenzene-d5	7.42	82	564664	88.82	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	200944	132.72	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1085818	97.97	ng		0.00
78) Terphenyl-d14	12.96	244	928978	91.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	104650	35.80	ng	#	92
3) Pyridine	3.47	79	284435	35.97	ng		93
4) n-Nitrosodimethylamine	3.42	42	110888	33.07	ng	#	78
6) Aniline	6.51	93	231794	22.75	ng		97
8) 2-Chlorophenol	6.63	128	282136	40.71	ng		94
9) Benzaldehyde	6.40	77	95951	21.91	ng		96
10) Phenol	6.50	94	336712	39.88	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	259426	39.52	ng		98
12) 1,3-Dichlorobenzene	6.79	146	302071	41.62	ng		96
13) 1,4-Dichlorobenzene	6.86	146	302566	40.97	ng		97
14) 1,2-Dichlorobenzene	7.02	146	281331	41.23	ng		98
15) Benzyl Alcohol	6.99	79	207311	37.43	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	355203	34.73	ng		89
17) 2-Methylphenol	7.10	107	232482	41.00	ng		97
18) Hexachloroethane	7.35	117	106347	40.07	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	171187	35.52	ng		94
20) 3+4-Methylphenols	7.26	107	275495	38.40	ng	#	71
22) Acetophenone	7.26	105	364911	36.94	ng	#	96
24) Nitrobenzene	7.43	77	272165	37.74	ng		90
25) Isophorone	7.67	82	506945	38.57	ng		96
26) 2-Nitrophenol	7.75	139	158185	45.62	ng		88
27) 2,4-Dimethylphenol	7.78	122	248980	38.02	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	329694	40.25	ng		99
29) 2,4-Dichlorophenol	7.99	162	236584	42.08	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	237003	42.14	ng		99
31) Naphthalene	8.15	128	793938	41.46	ng		100
32) Benzoic acid	7.92	122	120645	22.43	ng		94
33) 4-Chloroaniline	8.20	127	114596	14.33	ng		96
34) Hexachlorobutadiene	8.26	225	117382	40.52	ng		98
35) Caprolactam	8.57	113	39482	21.89	ng	#	86
36) 4-Chloro-3-methylphenol	8.69	107	243220	38.48	ng		92
37) 2-Methylnaphthalene	8.84	142	552437	44.38	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	219001	39.69	ng		99
40) Hexachlorocyclopentadiene	8.99	237	133513	52.94	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	151328	38.71	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	158321	40.57	ng		93
45) 1,1'-Biphenyl	9.30	154	636314	40.01	ng		99
46) 2-Chloronaphthalene	9.33	162	499328	41.82	ng		97
47) 2-Nitroaniline	9.43	65	141014	38.57	ng		90
48) Acenaphthylene	9.75	152	753634	41.23	ng		100
49) Dimethylphthalate	9.60	163	580969	41.60	ng		100
50) 2,6-Dinitrotoluene	9.67	165	131223	43.16	ng	#	85
51) Acenaphthene	9.92	154	446740	38.59	ng		99
52) 3-Nitroaniline	9.85	138	78204	22.06	ng		92
53) 2,4-Dinitrophenol	9.96	184	97932	63.19	ng	#	86
54) Dibenzofuran	10.09	168	663535	43.04	ng		99
55) 4-Nitrophenol	10.02	139	168152	56.10	ng		91
56) 2,4-Dinitrotoluene	10.08	165	165153	41.86	ng	#	97
57) Fluorene	10.43	166	533300	43.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	118003	43.77	ng		94
59) Diethylphthalate	10.30	149	551852	40.44	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	237958	42.75	ng		96
61) 4-Nitroaniline	10.47	138	150454	43.99	ng		84
62) Azobenzene	10.58	77	511823	40.79	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	75565	37.33	ng		89
65) n-Nitrosodiphenylamine	10.55	169	472186	40.97	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	139269	42.77	ng		96
67) Hexachlorobenzene	10.98	284	141313	40.63	ng		100
68) Atrazine	11.07	200	150860	43.51	ng		99
69) Pentachlorophenol	11.18	266	115543	53.38	ng		96
70) Phenanthrene	11.40	178	768879	43.18	ng		99
71) Anthracene	11.45	178	787837	43.24	ng		99
72) Carbazole	11.61	167	736889	41.30	ng		99
73) Di-n-butylphthalate	11.92	149	880990	41.02	ng		99
74) Fluoranthene	12.59	202	789641	43.79	ng		99
76) Benzidine	12.71	184	236795	27.64	ng		97
77) Pyrene	12.82	202	803863	45.51	ng		99
79) Butylbenzylphthalate	13.42	149	354997	42.76	ng		97
80) Benzo(a)anthracene	14.01	228	609507	43.45	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	105127	20.44	ng		96
82) Chrysene	14.04	228	570655	42.73	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	446554	39.06	ng	#	99
84) Di-n-octyl phthalate	14.59	149	631234	34.29	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.98	276	434351	40.66	ng		96
87) Benzo(b)fluoranthene	15.06	252	441733	42.93	ng		98
88) Benzo(k)fluoranthene	15.09	252	458933	45.16	ng		99
89) Benzo(a)pyrene	15.43	252	415398	43.98	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	359985	47.63	ng		96
91) Benzo(g,h,i)perylene	17.43	276	384187	51.42	ng		97

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

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Acq On : 16 Oct 2017 11:54
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Misc :
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Instrument :
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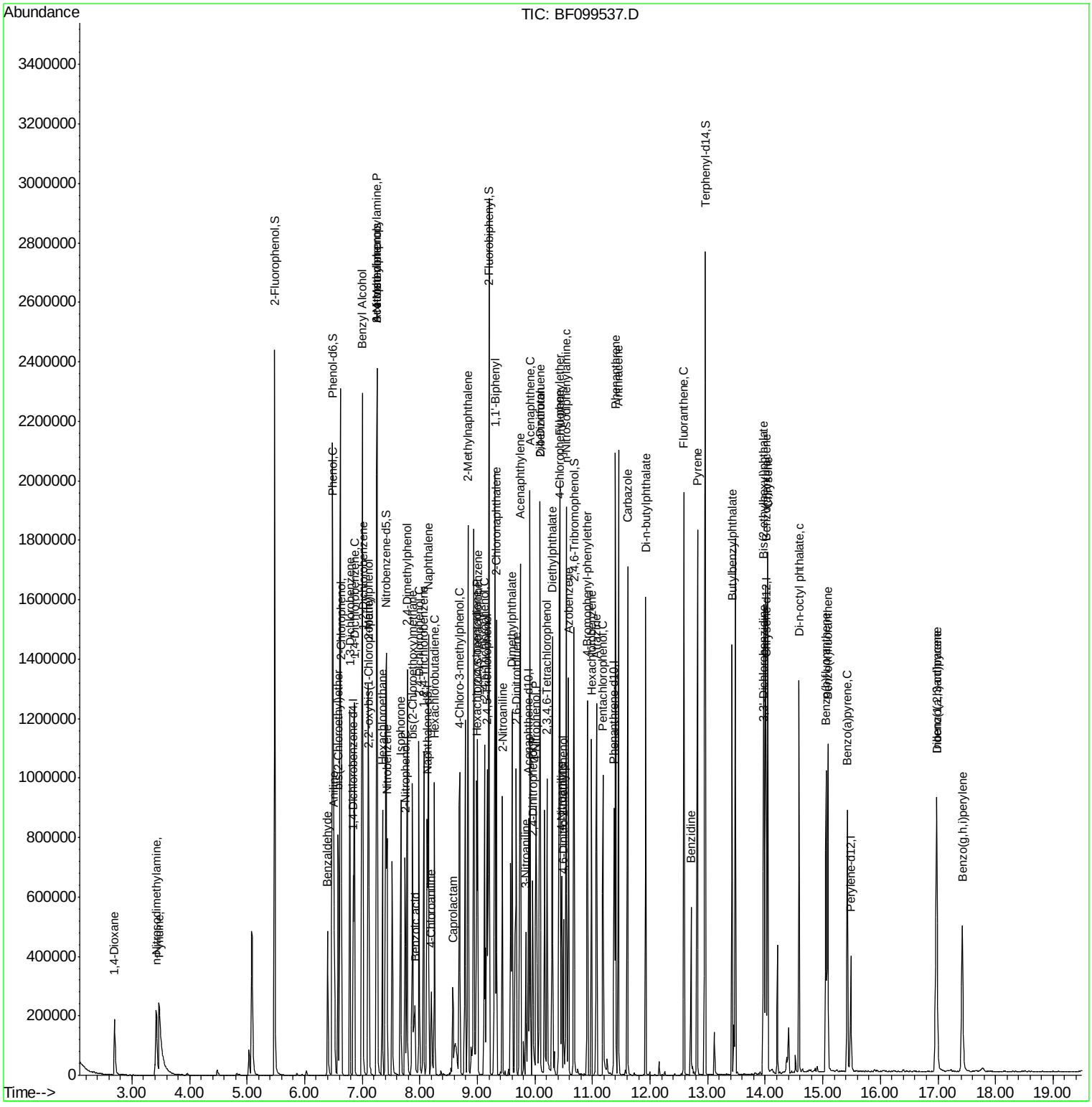
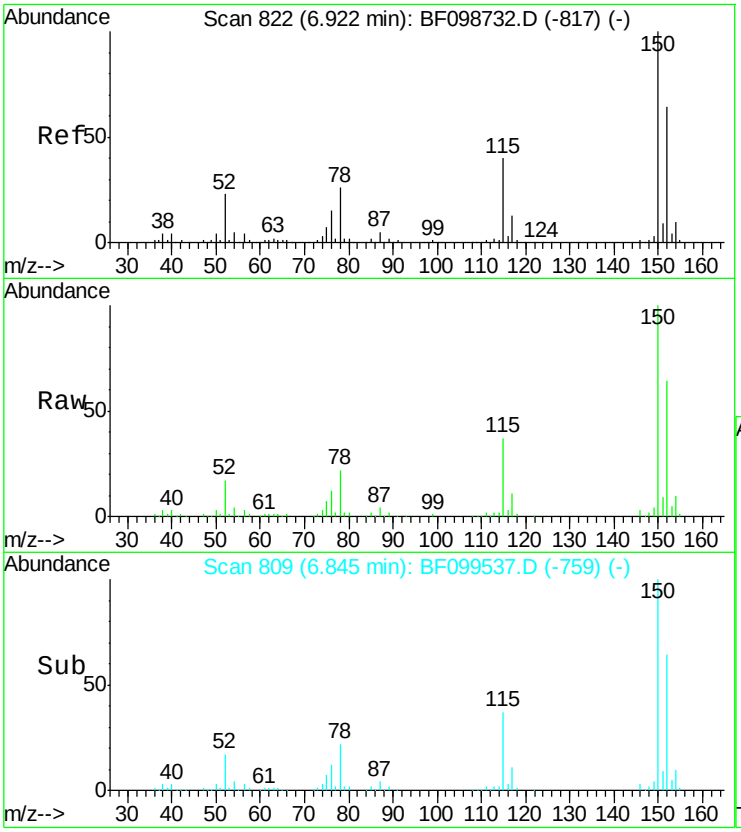
Response via : Initial Calibration



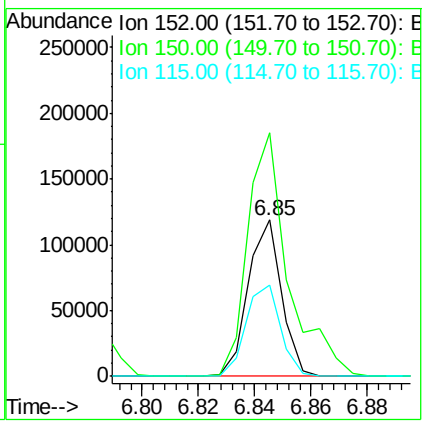


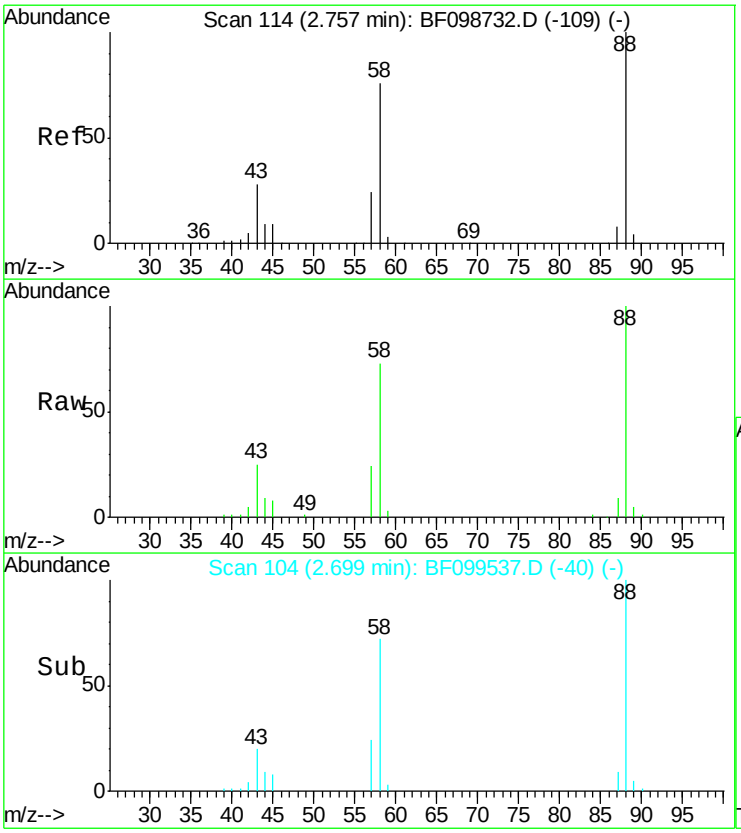
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97422

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	58.3	50.1	75.1

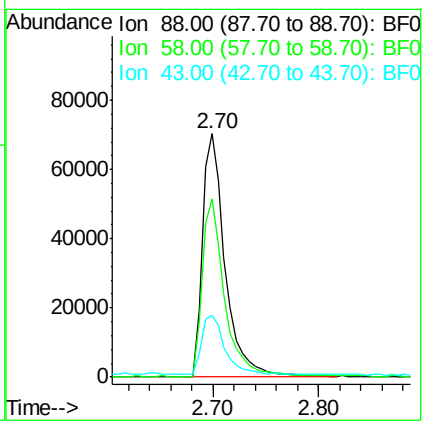


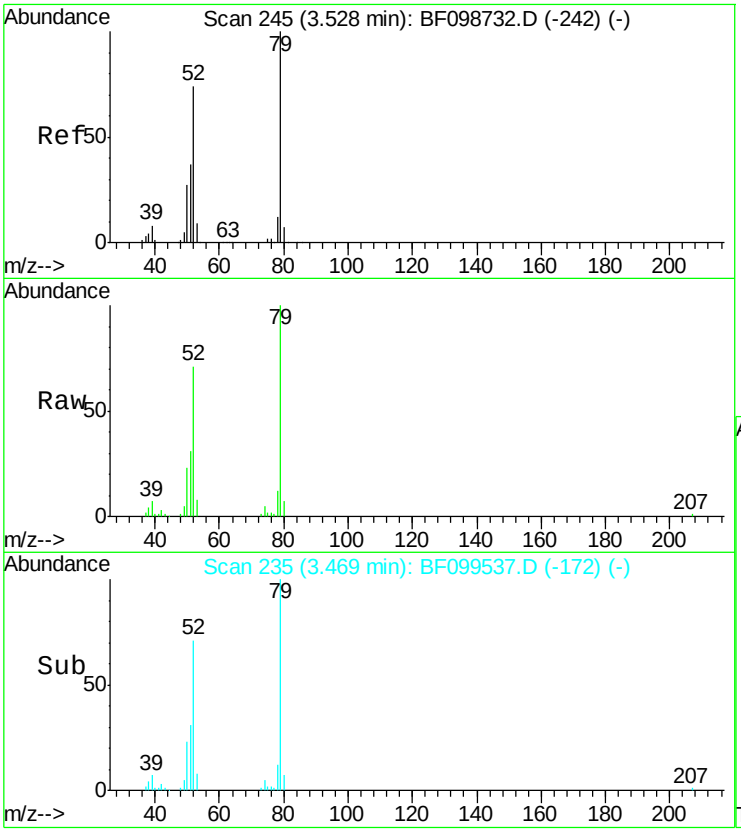


#2
1,4-Dioxane
Concen: 35.80 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.08 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion: 88 Resp: 104650

Ion	Ratio	Lower	Upper
88	100		
58	72.8	62.6	93.8
43	24.5	24.6	37.0#



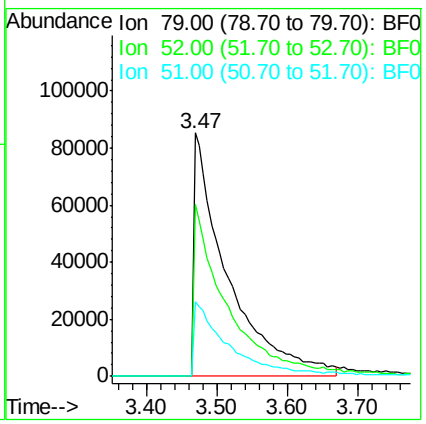


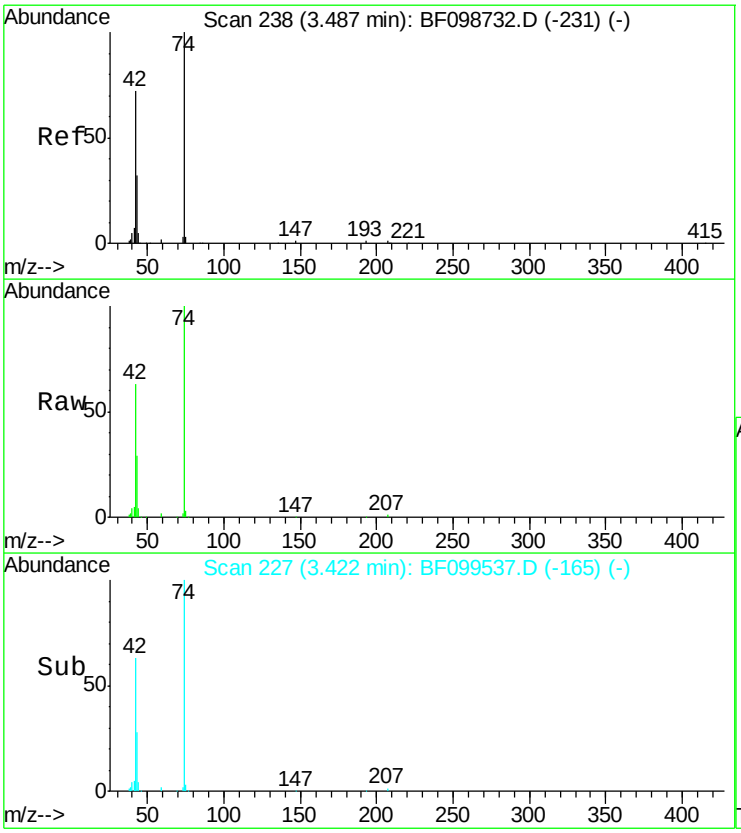
#3
Pyridine
Concen: 35.97 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.07 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 284435

Ion	Ratio	Lower	Upper
79	100		
52	70.8	59.8	89.6
51	30.8	29.8	44.8

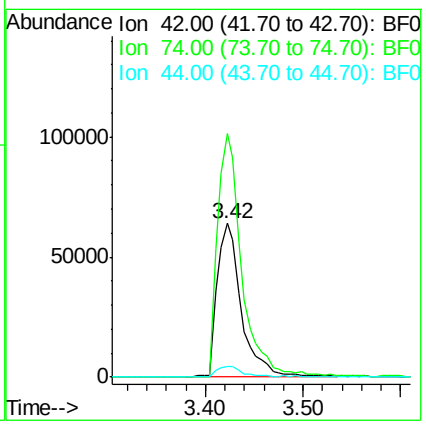


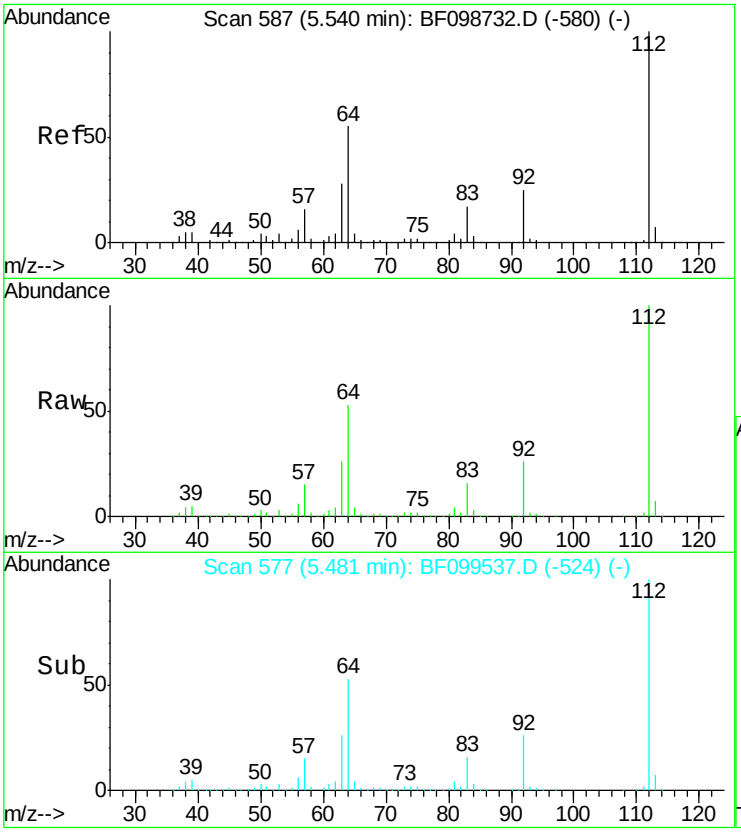


#4
n-Nitrosodimethylamine
Concen: 33.07 ng
RT: 3.42 min Scan# 227
Delta R.T. 0.06 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion: 42 Resp: 110888

Ion	Ratio	Lower	Upper
42	100		
74	158.5	104.9	157.3#
44	6.6	6.9	10.3#



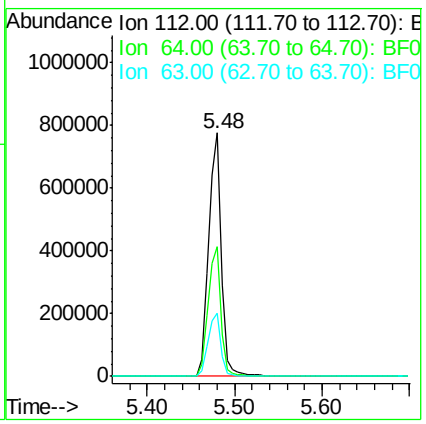


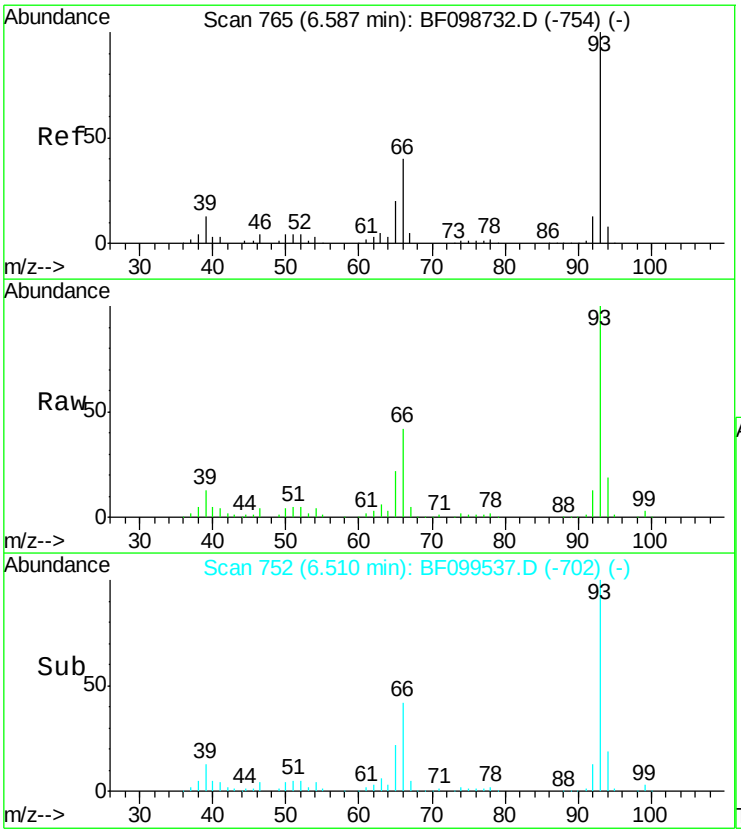
#5
2-Fluorophenol
Concen: 128.11 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 784019

Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	26.0	23.7	35.5

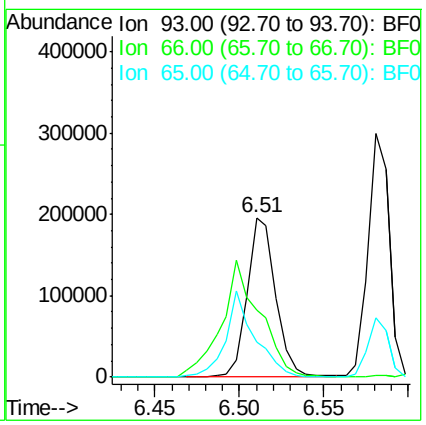


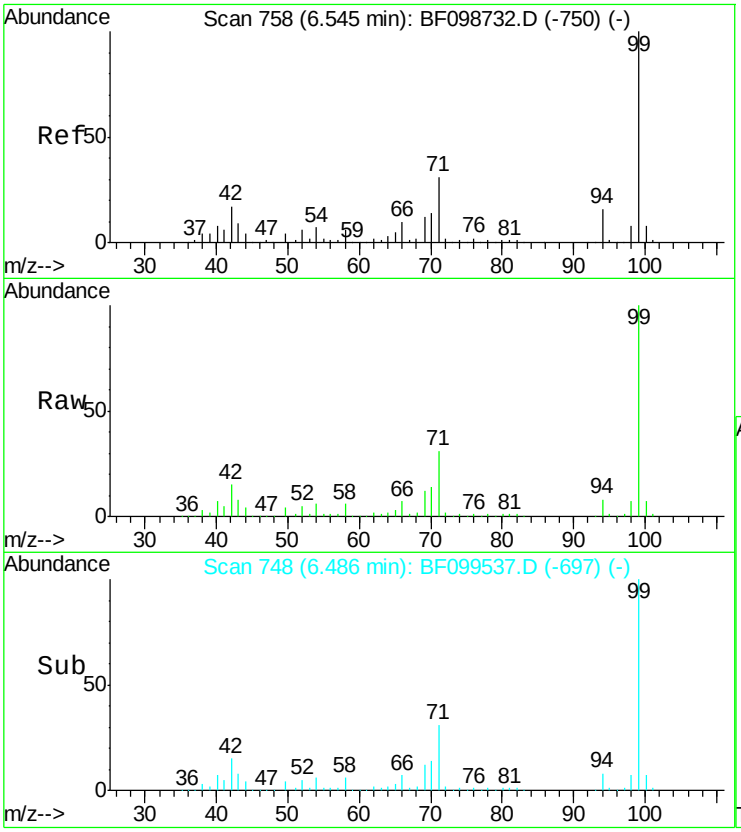


#6
Aniline
Concen: 22.75 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion: 93 Resp: 231794

Ion	Ratio	Lower	Upper
93	100		
66	41.8	32.2	48.2
65	21.7	16.4	24.6



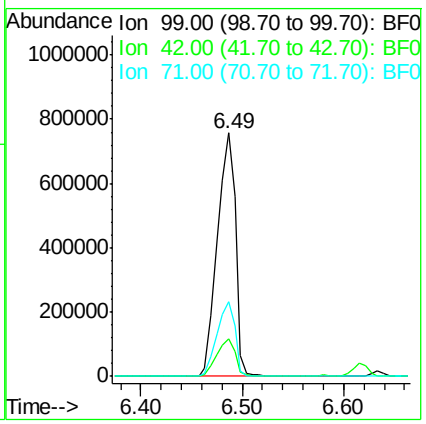


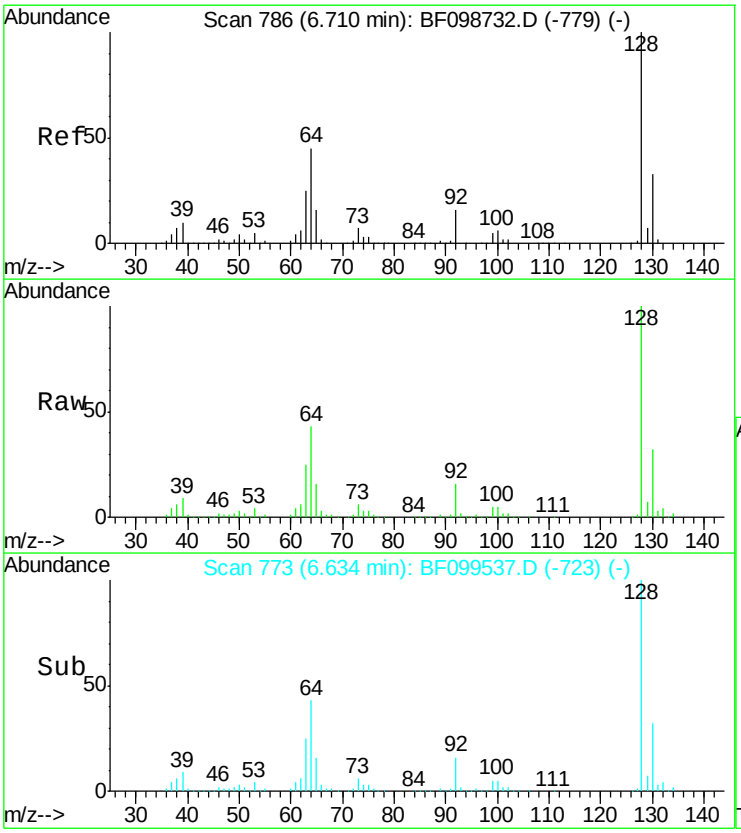
#7
Phenol-d6
Concen: 124.59 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 940568

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	30.6	25.4	38.0

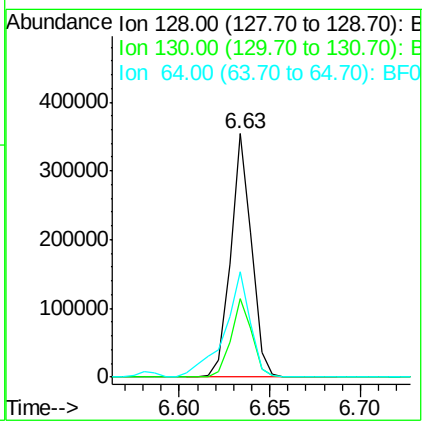


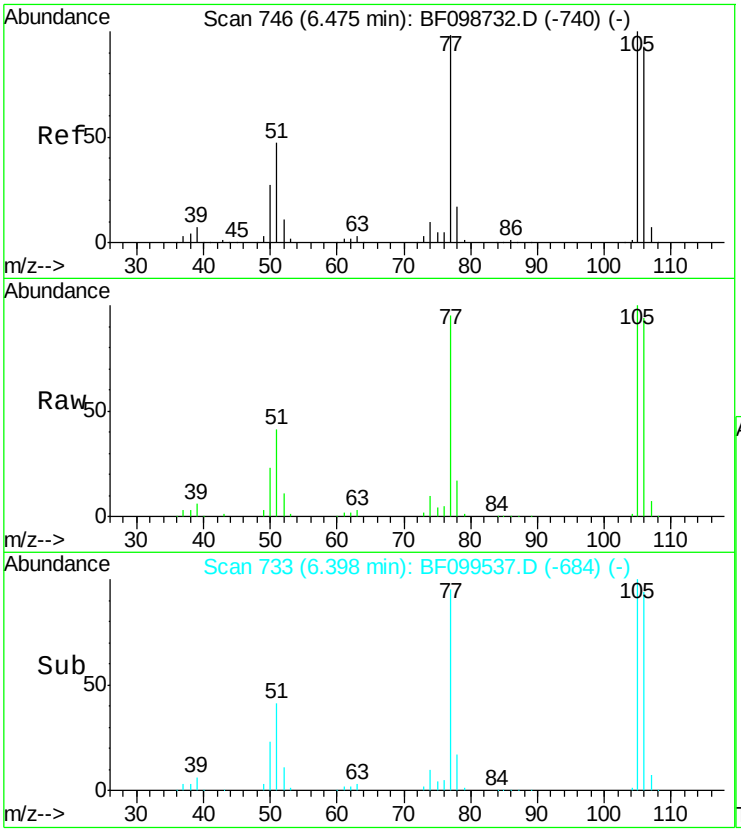


#8
2-Chlorophenol
Concen: 40.71 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:128 Resp: 282136

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	43.5	29.4	69.4



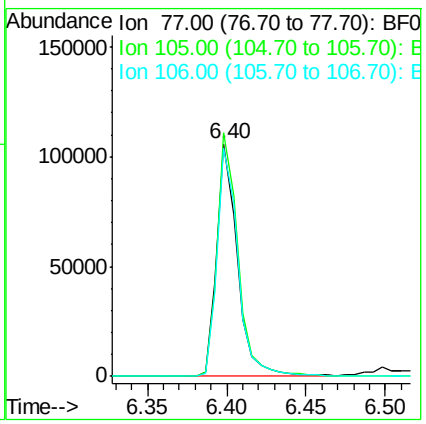


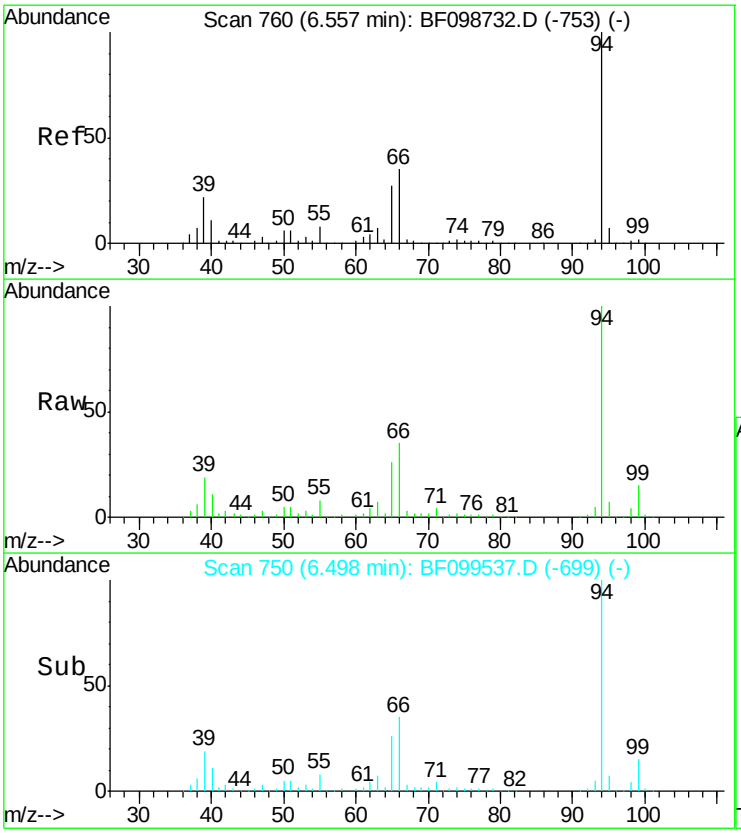
#9
Benzaldehyde
Concen: 21.91 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 95951

Ion	Ratio	Lower	Upper
77	100		
105	104.7	81.1	121.1
106	98.3	74.5	114.5

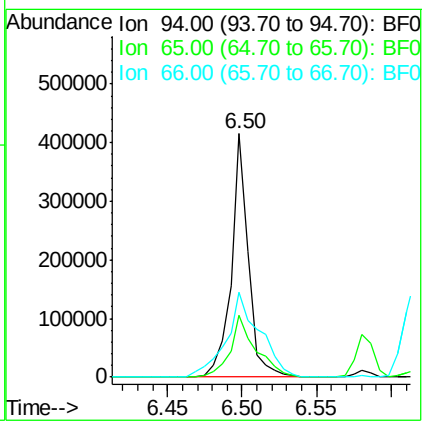


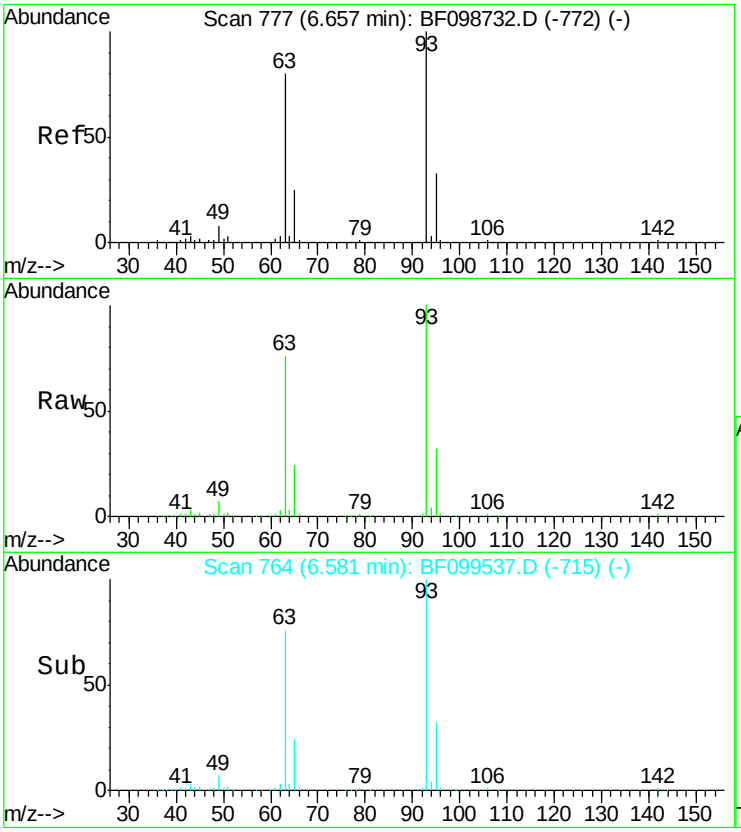


#10
Phenol
Concen: 39.88 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion: 94 Resp: 336712

Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	34.6	16.2	56.2



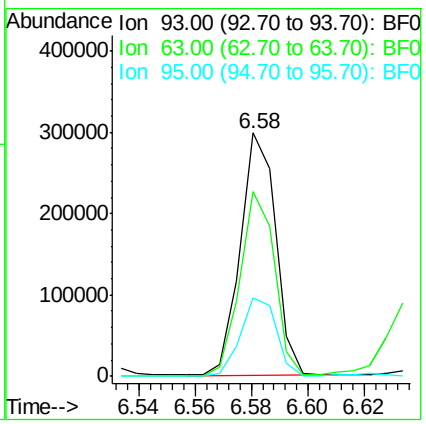


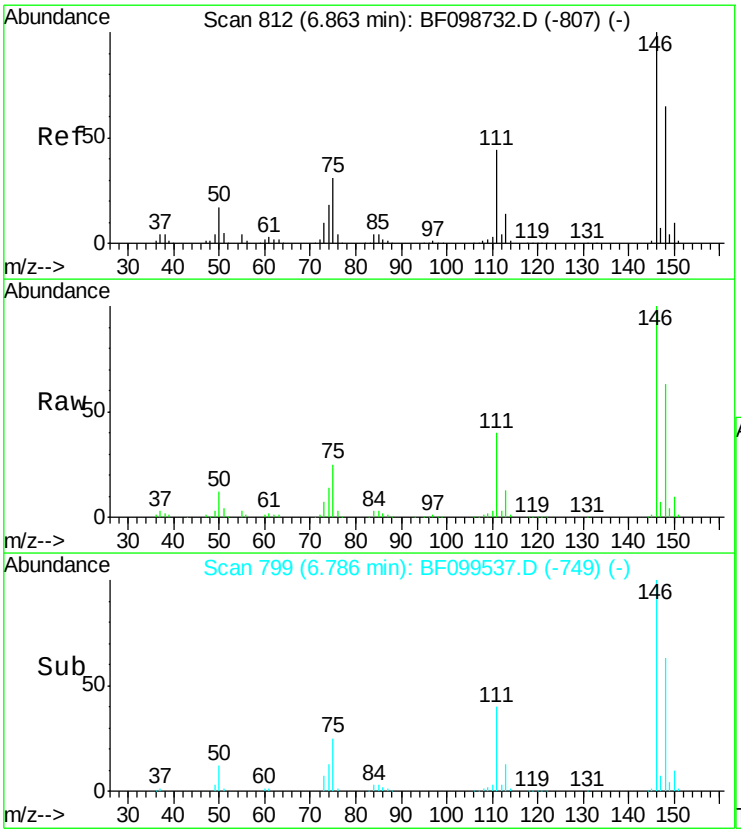
#11
bis(2-Chloroethyl)ether
Concen: 39.52 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 259426

Ion	Ratio	Lower	Upper
93	100		
63	75.9	58.6	98.6
95	32.3	11.8	51.8

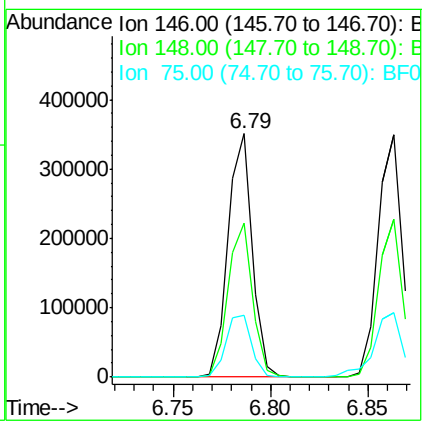


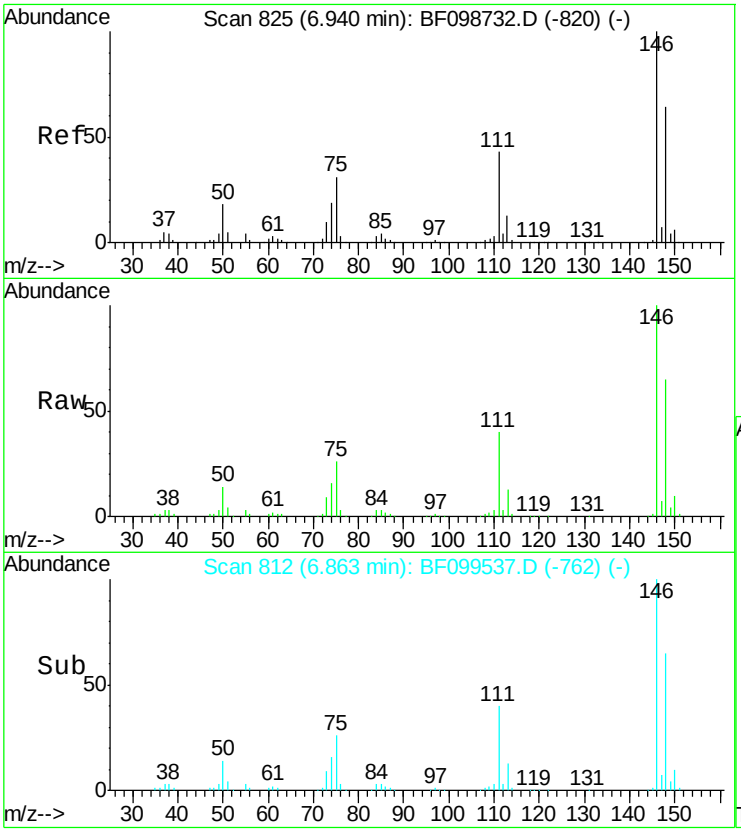


#12
1,3-Dichlorobenzene
Concen: 41.62 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:146 Resp: 302071

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	25.2	24.2	36.4



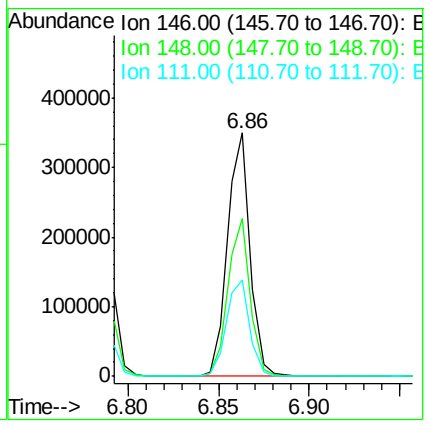


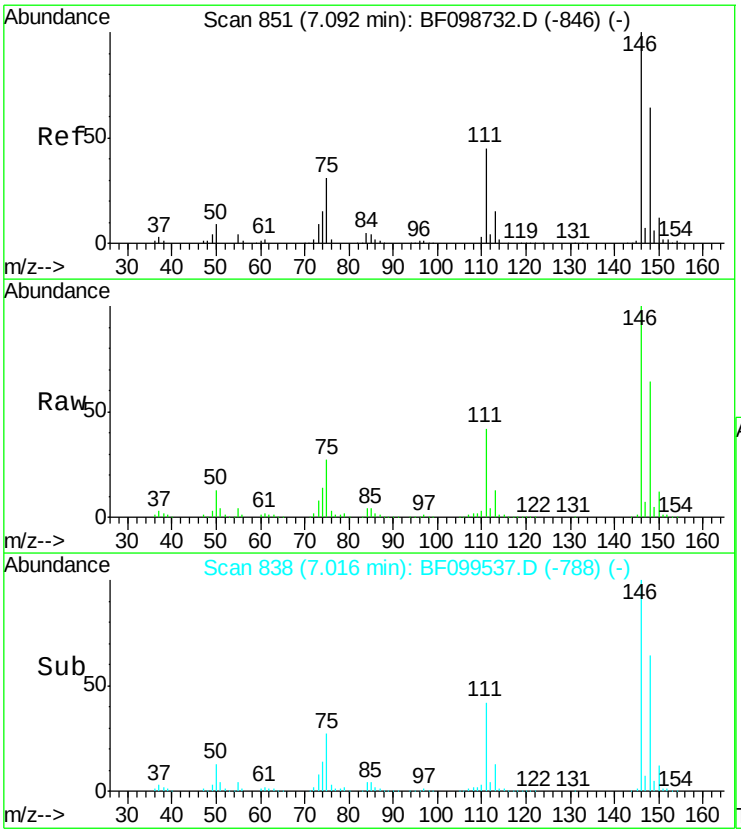
#13
1,4-Dichlorobenzene
Concen: 40.97 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 302566

Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	39.5	34.2	51.2

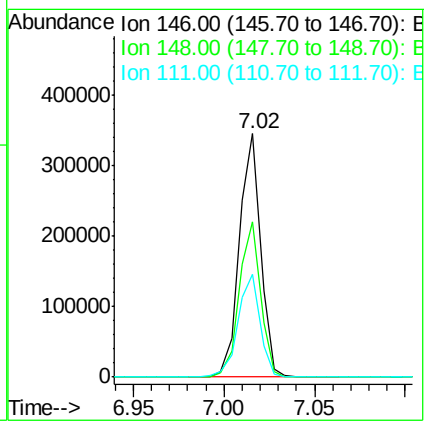


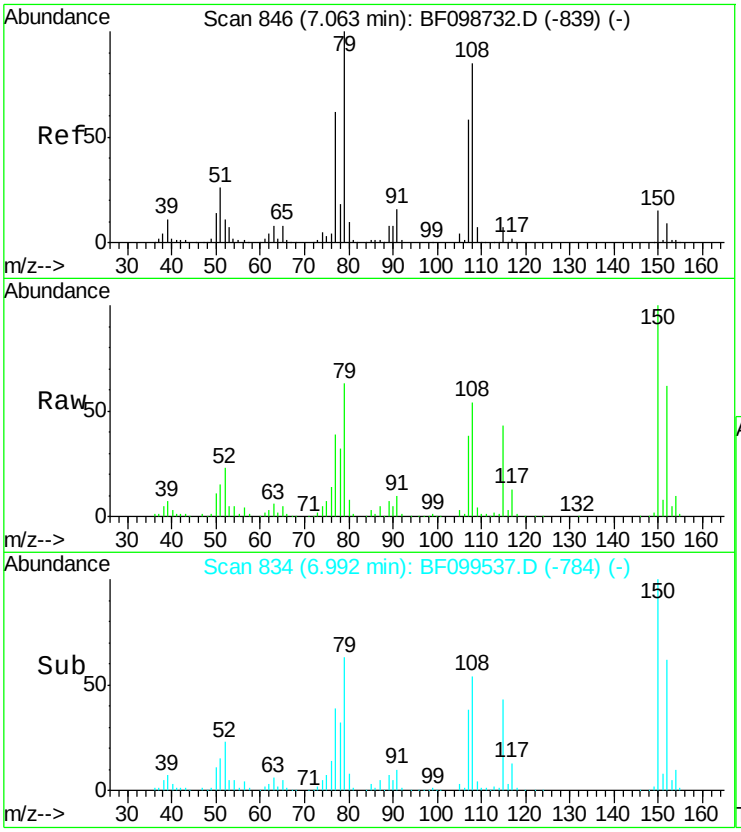


#14
1,2-Dichlorobenzene
Concen: 41.23 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:146 Resp: 281331

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	42.0	36.0	54.0



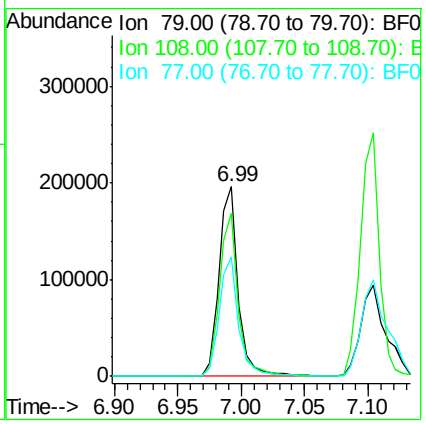


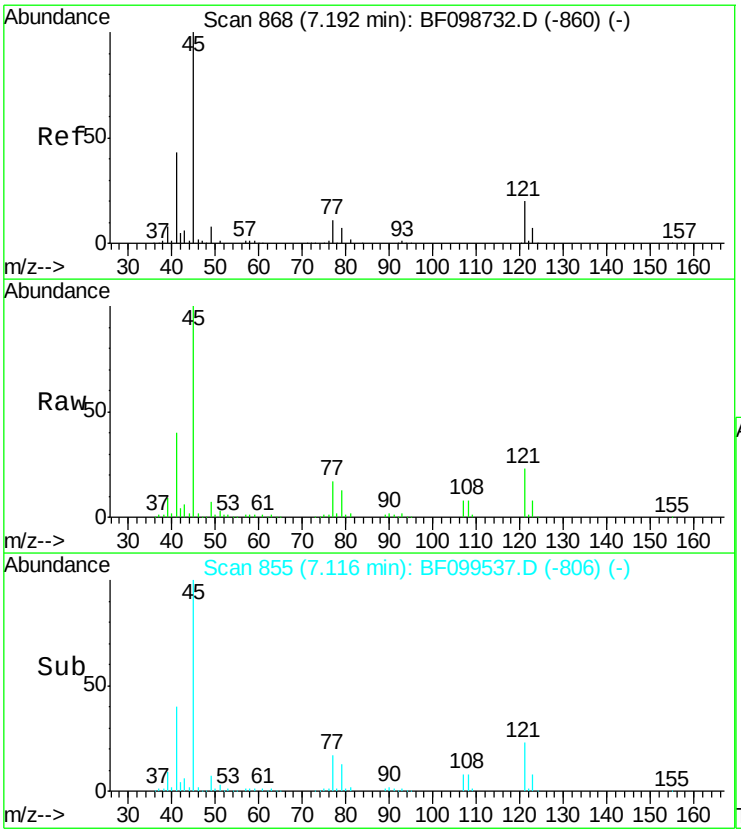
#15
Benzyl Alcohol
Concen: 37.43 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 207311

Ion	Ratio	Lower	Upper
79	100		
108	85.9	65.1	97.7
77	62.9	50.6	75.8

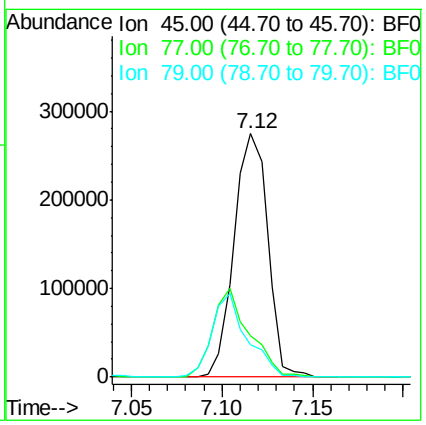


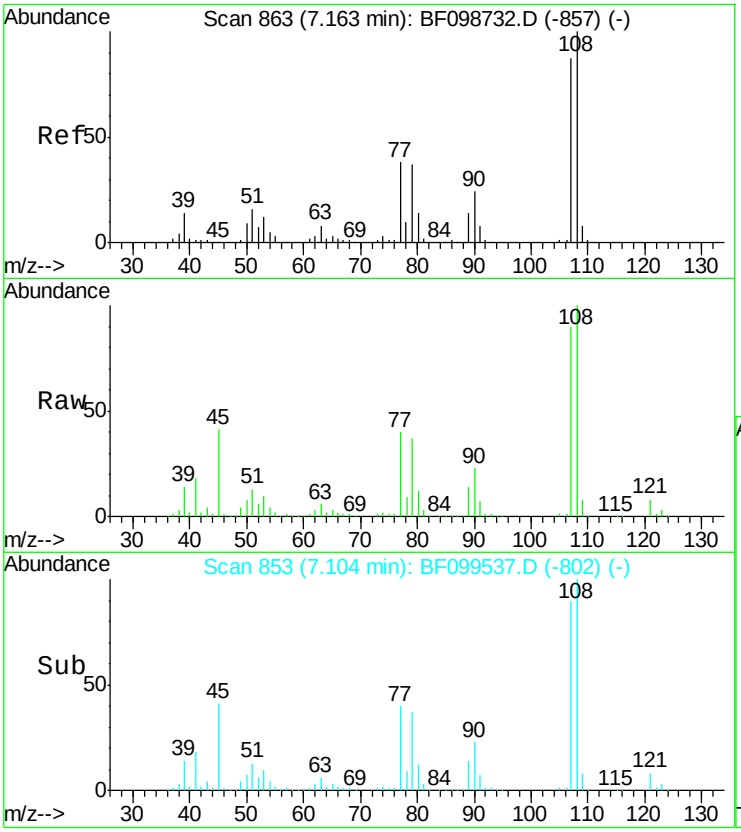


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.73 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion: 45 Resp: 355203

Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	32.9
79	13.3	0.0	29.6



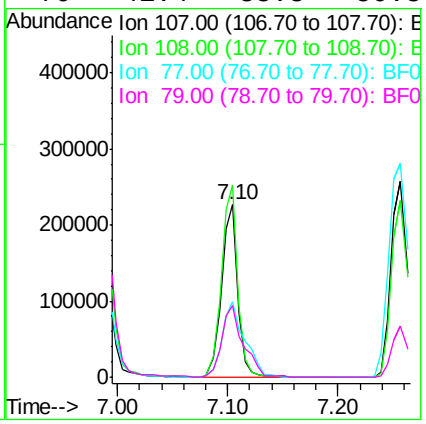


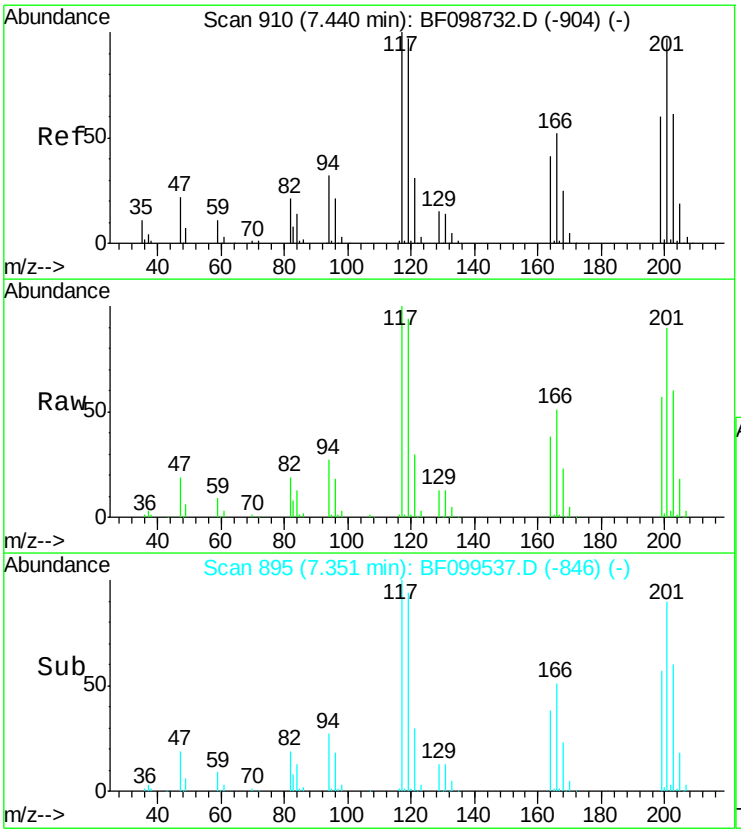
#17
2-Methylphenol
Concen: 41.00 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 232482

Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.7	137.5
77	44.0	33.8	50.8
79	41.4	33.8	50.8

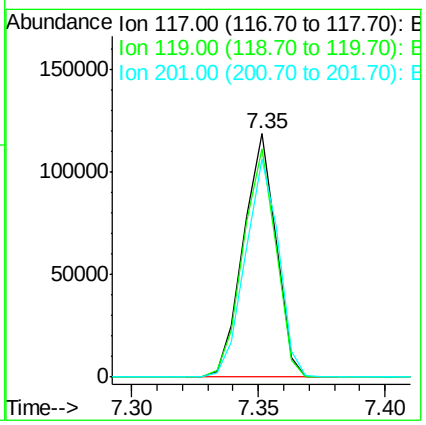


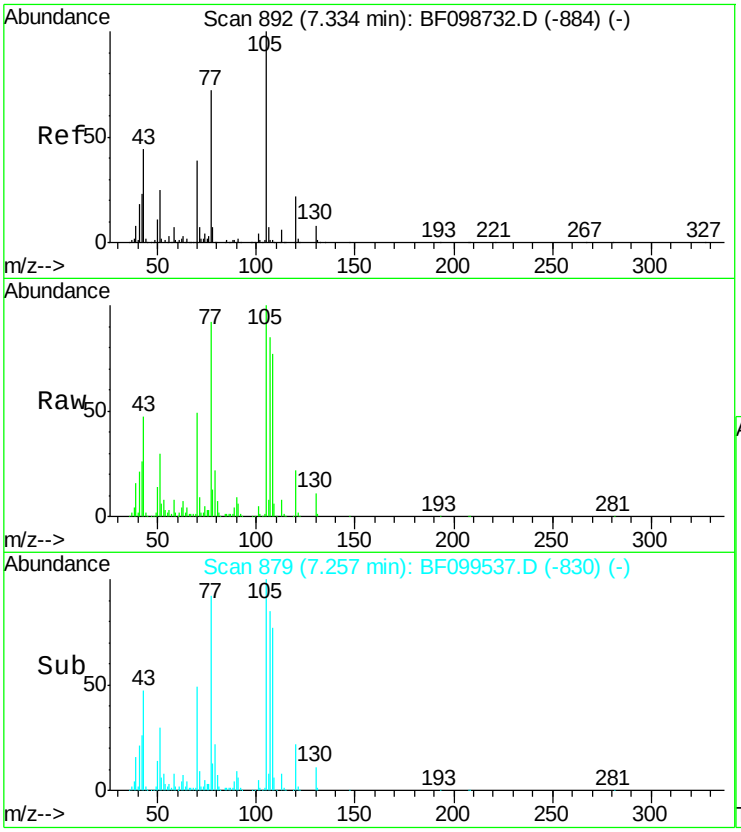


#18
Hexachloroethane
Concen: 40.07 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:117 Resp: 106347

Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.8	113.8
201	89.7	75.7	113.5



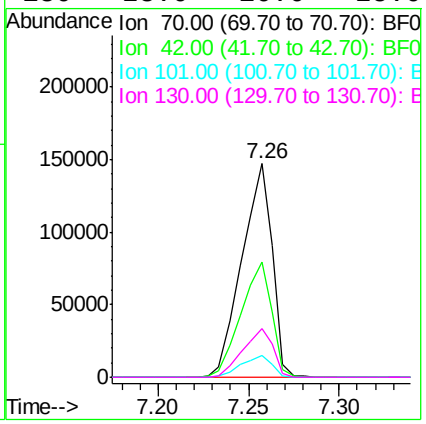


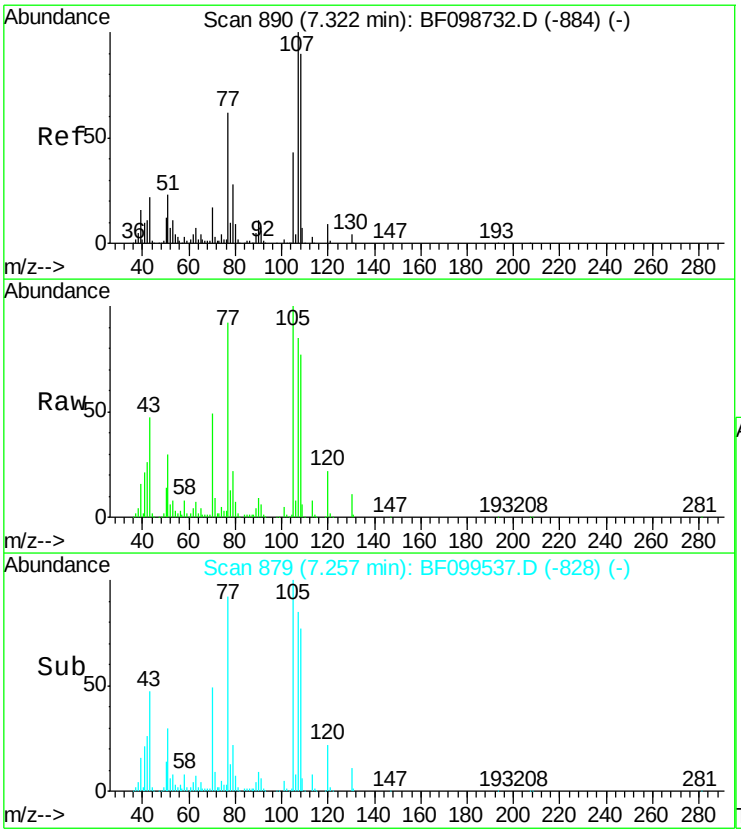
#19
n-Nitroso-di-n-propylamine
Concen: 35.52 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 171187

Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	10.1	7.4	11.2
130	23.0	16.6	25.0

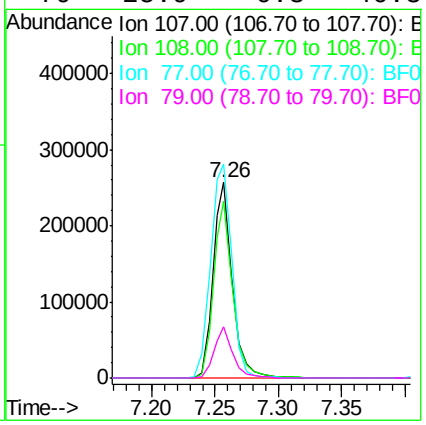


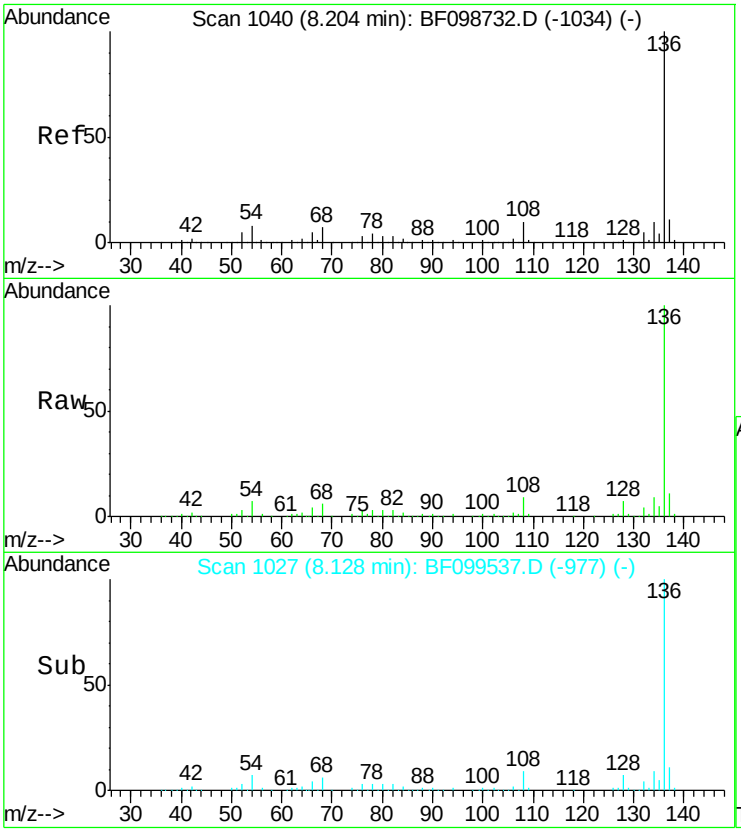


#20
3+4-Methylphenols
Concen: 38.40 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:107 Resp: 275495

Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	109.1	26.7	66.7#
79	25.9	6.3	46.3



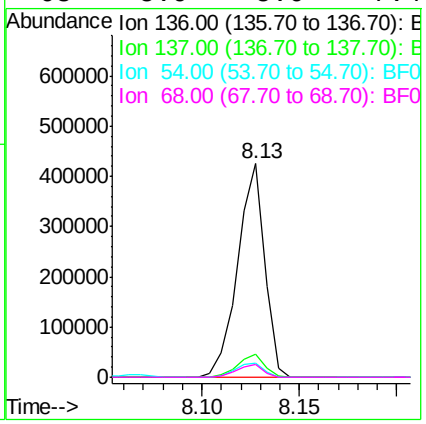


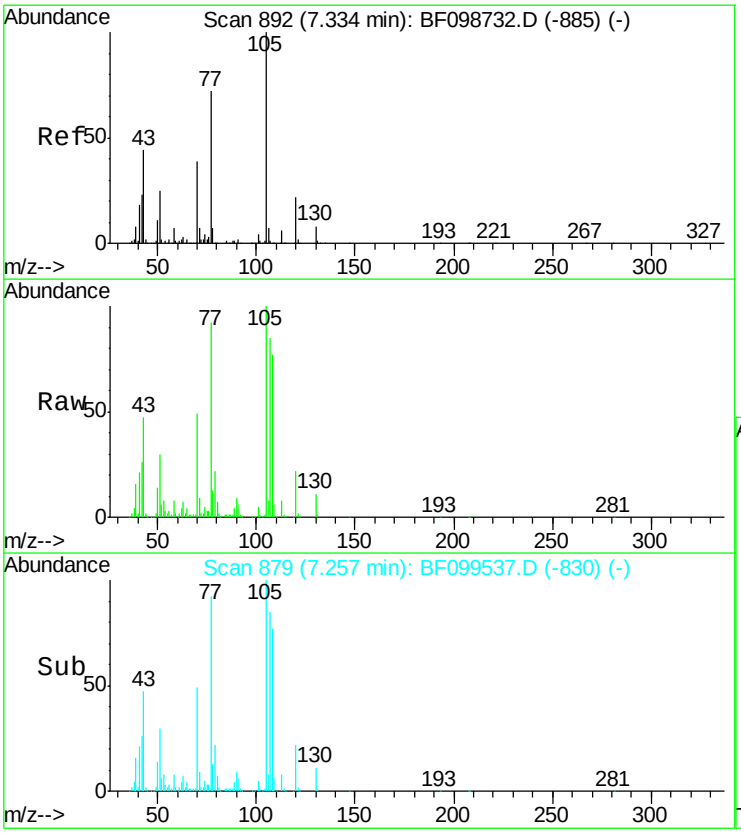
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 407688

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

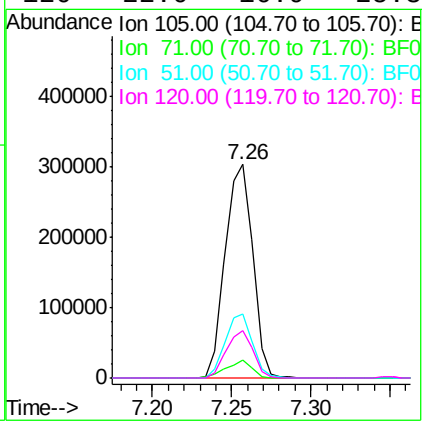


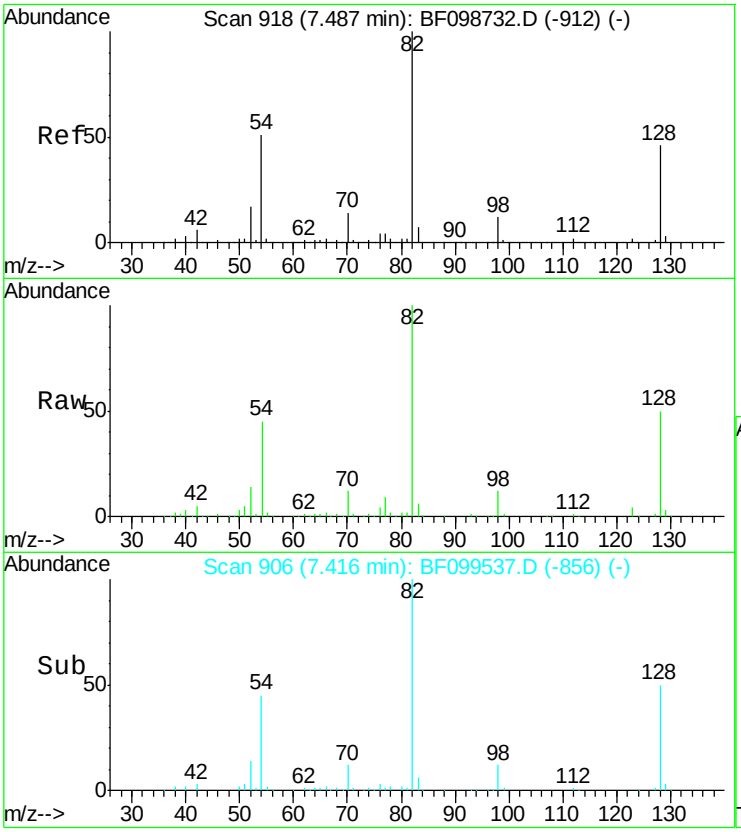


#22
Acetophenone
Concen: 36.94 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:105 Resp: 364911

Ion	Ratio	Lower	Upper
105	100		
71	8.5	4.4	6.6#
51	30.1	22.3	33.5
120	22.0	16.9	25.3



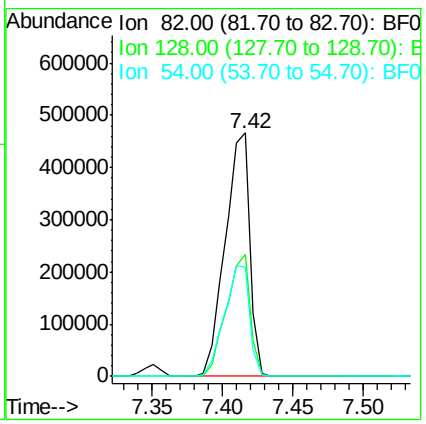


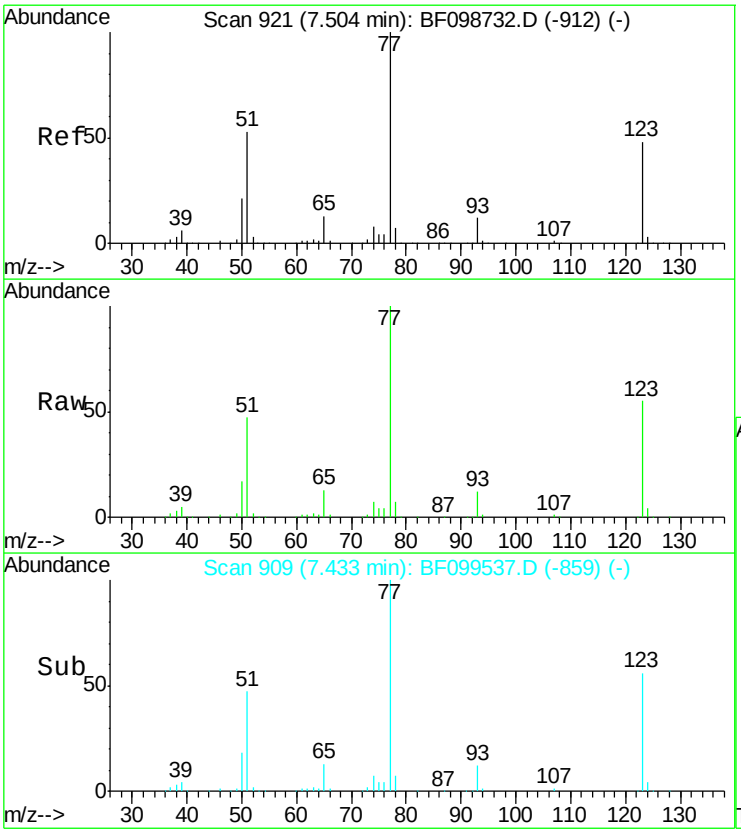
#23
Nitrobenzene-d5
Concen: 88.82 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 564664

Ion	Ratio	Lower	Upper
82	100		
128	49.9	36.1	54.1
54	44.8	41.4	62.2

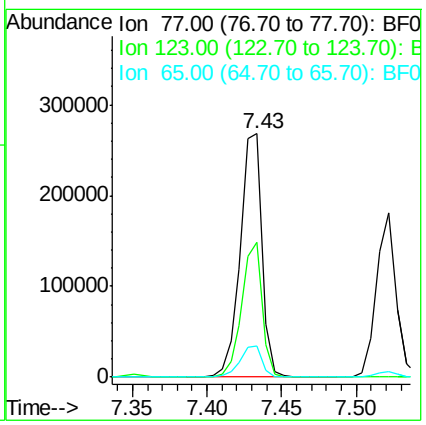


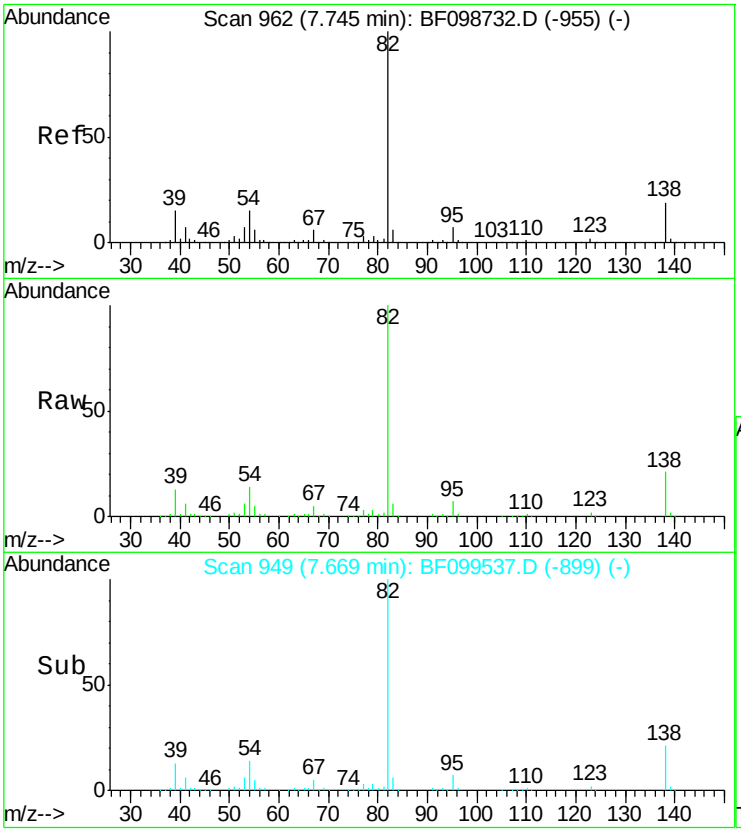


#24
Nitrobenzene
Concen: 37.74 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion: 77 Resp: 272165

Ion	Ratio	Lower	Upper
77	100		
123	55.2	37.9	56.9
65	12.7	11.0	16.4



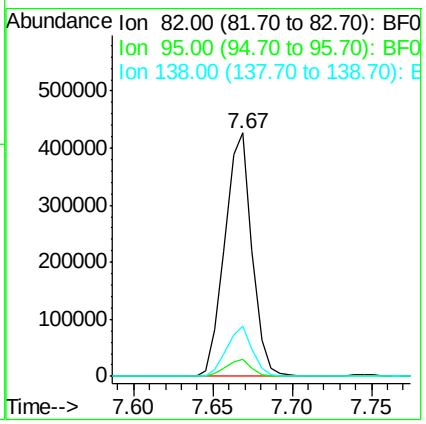


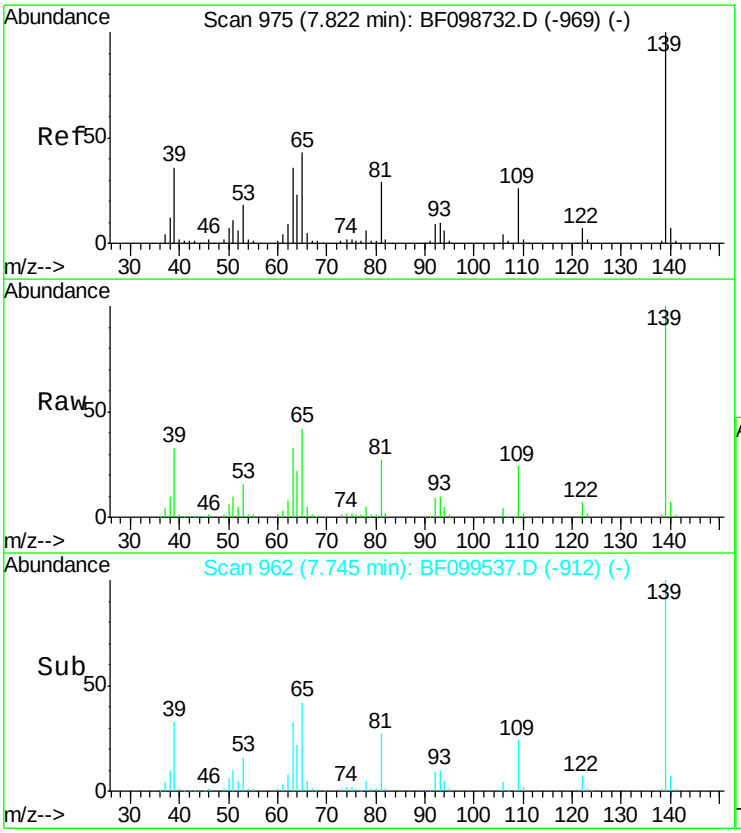
#25
Isophorone
Concen: 38.57 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 506945

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.2	7.8
138	20.7	14.9	22.3

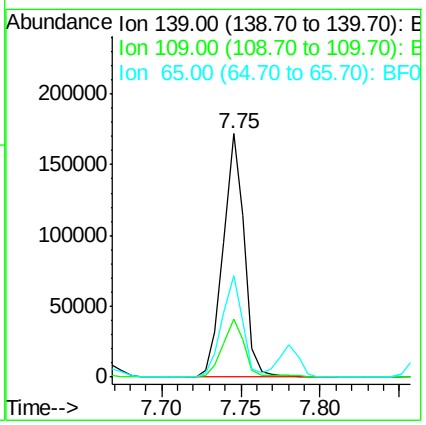


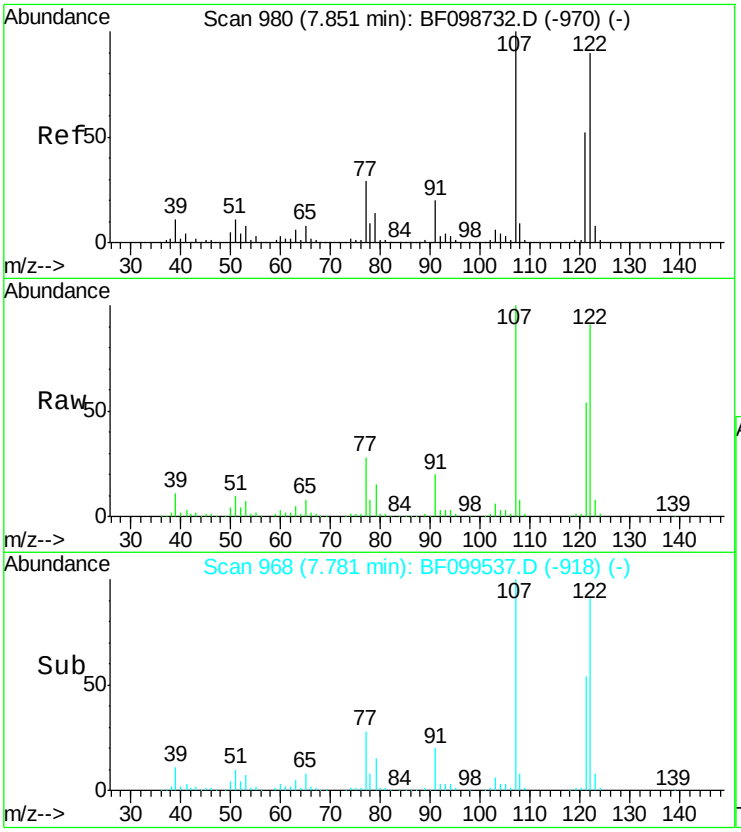


#26
2-Nitrophenol
Concen: 45.62 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:139 Resp: 158185

Ion	Ratio	Lower	Upper
139	100		
109	23.8	22.7	34.1
65	41.5	40.5	60.7



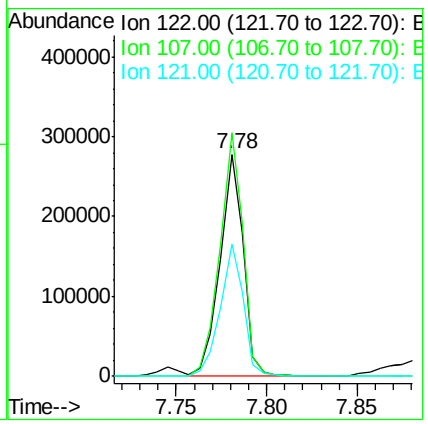


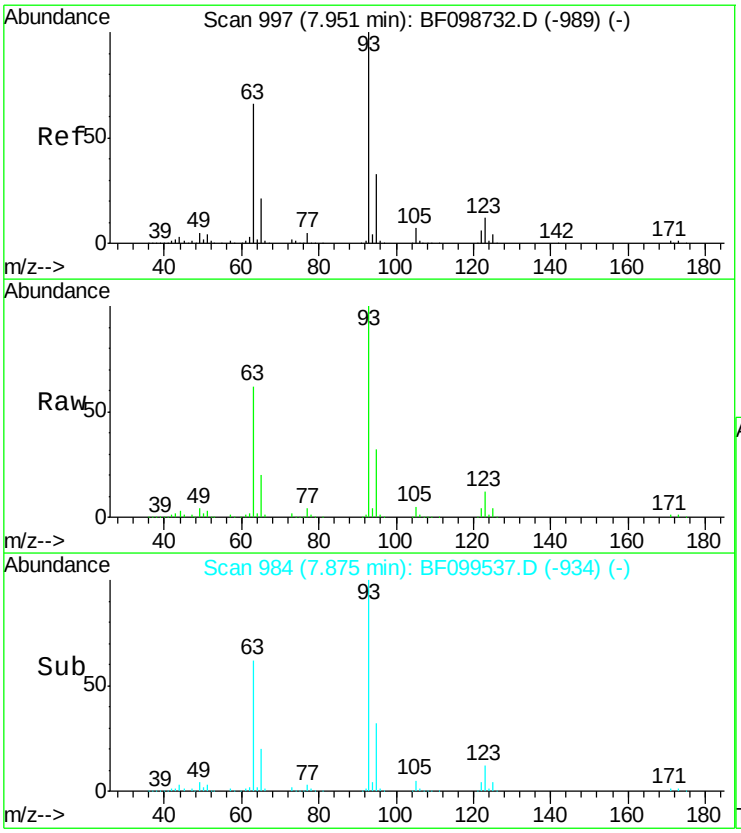
#27
2,4-Dimethylphenol
Concen: 38.02 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 248980

Ion	Ratio	Lower	Upper
122	100		
107	109.6	91.2	136.8
121	59.4	47.2	70.8

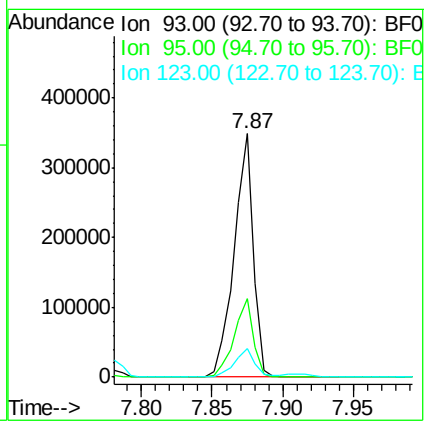


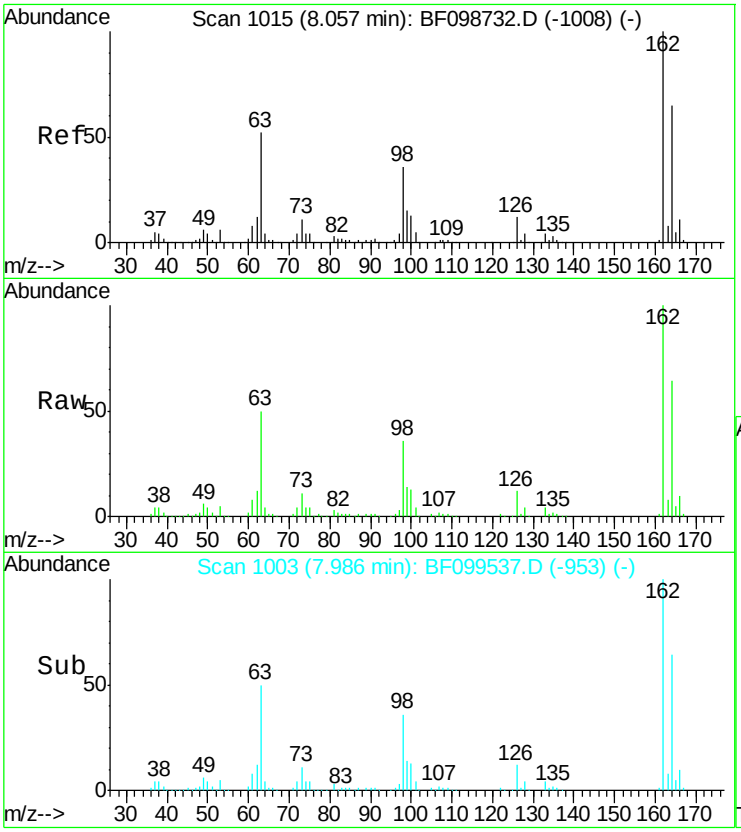


#28
bis(2-Chloroethoxy)methane
Concen: 40.25 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion: 93 Resp: 329694

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.7	9.8	14.6



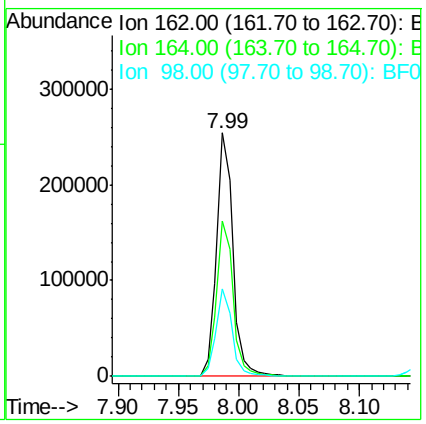


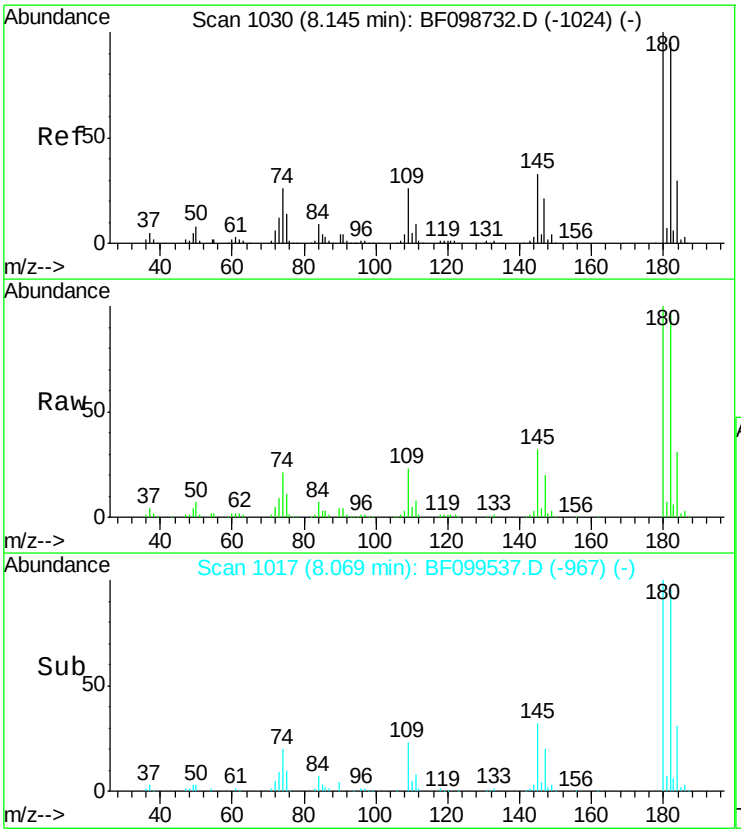
#29
2,4-Dichlorophenol
Concen: 42.08 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 236584

Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	35.7	18.1	58.1

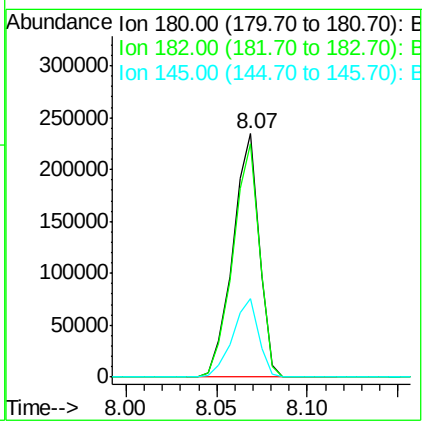


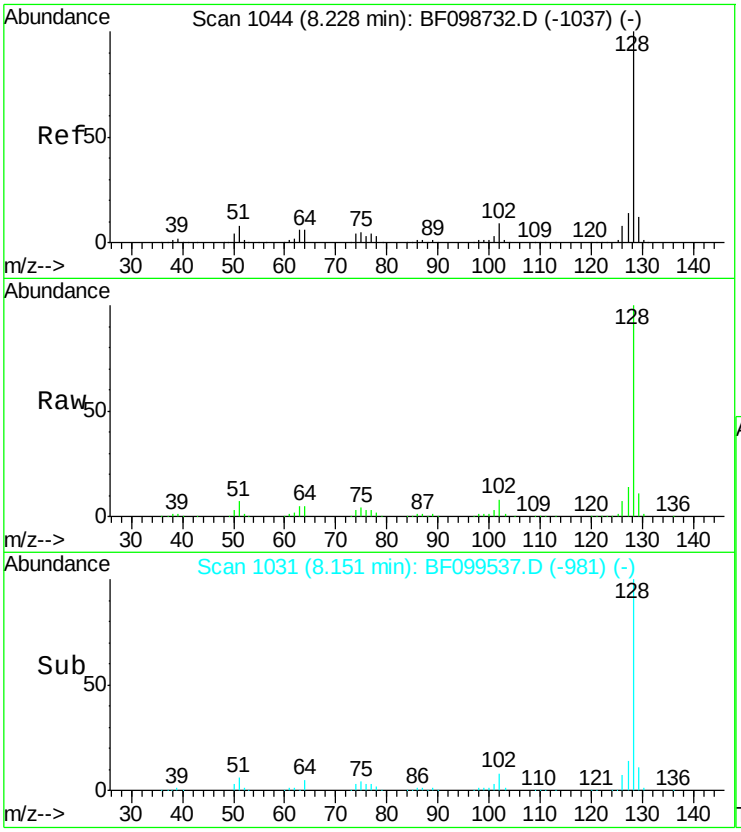


#30
1,2,4-Trichlorobenzene
Concen: 42.14 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:180 Resp: 237003

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.8	115.2
145	32.0	26.5	39.7



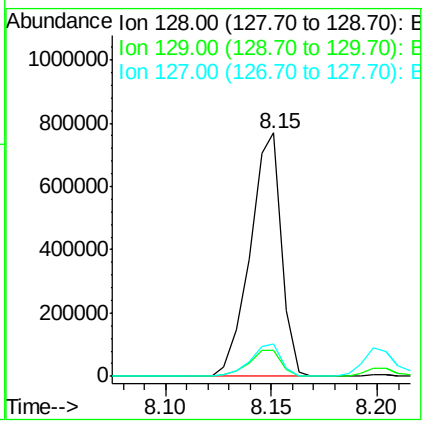


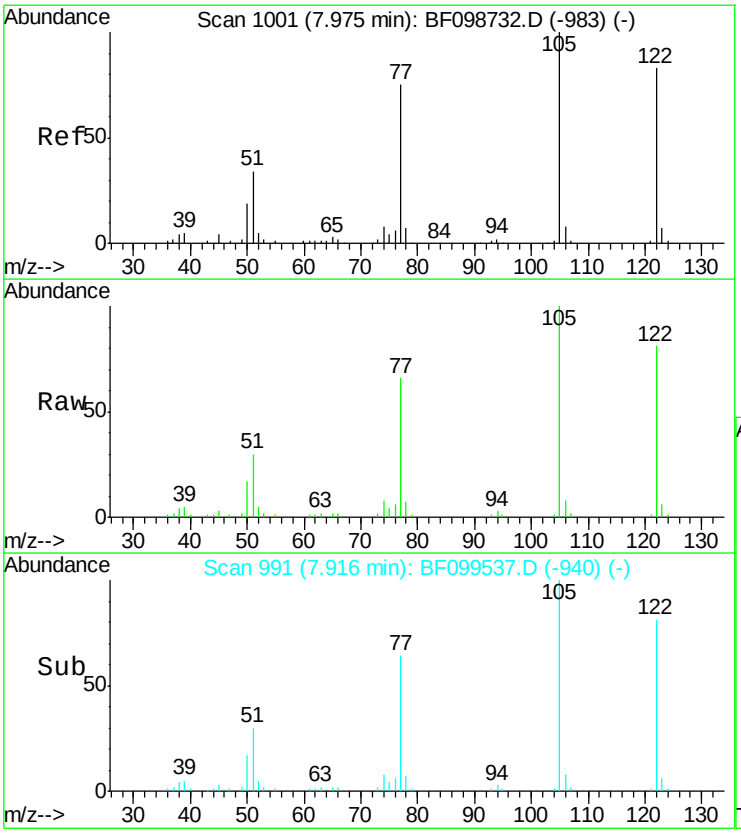
#31
Naphthalene
Concen: 41.46 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 793938

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.9	16.3

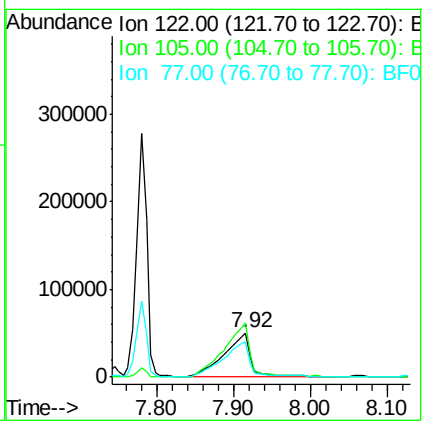


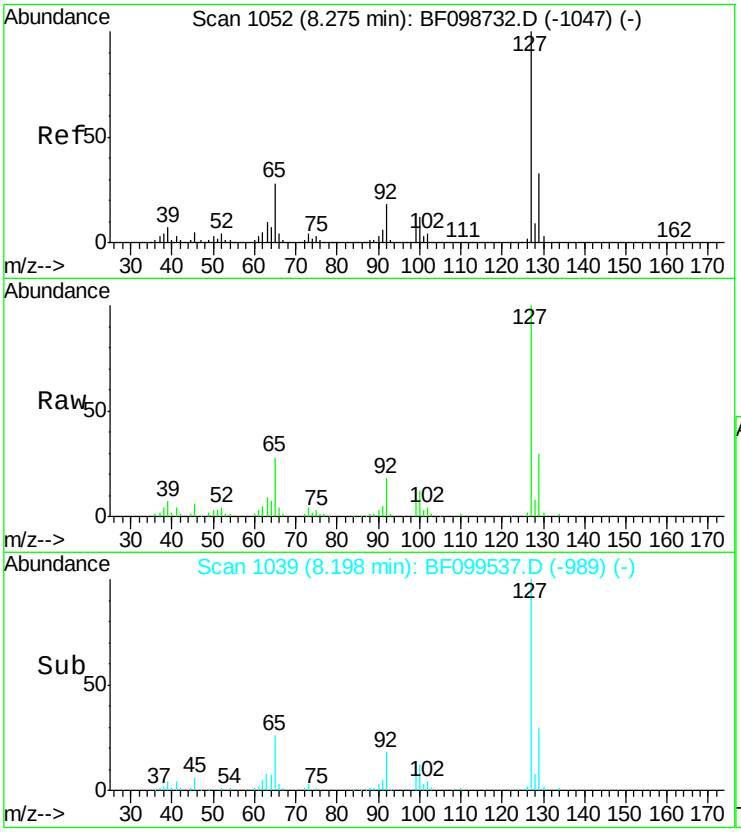


#32
Benzoic acid
Concen: 22.43 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:122 Resp: 120645

Ion	Ratio	Lower	Upper
122	100		
105	123.1	101.1	141.1
77	80.7	70.7	110.7



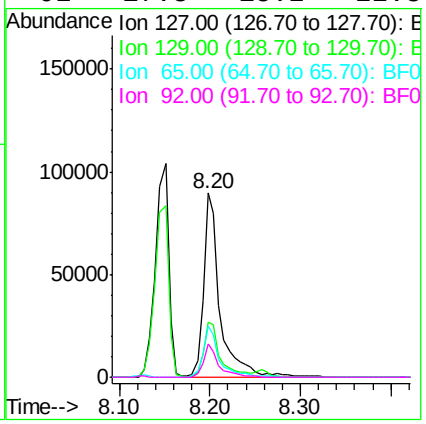


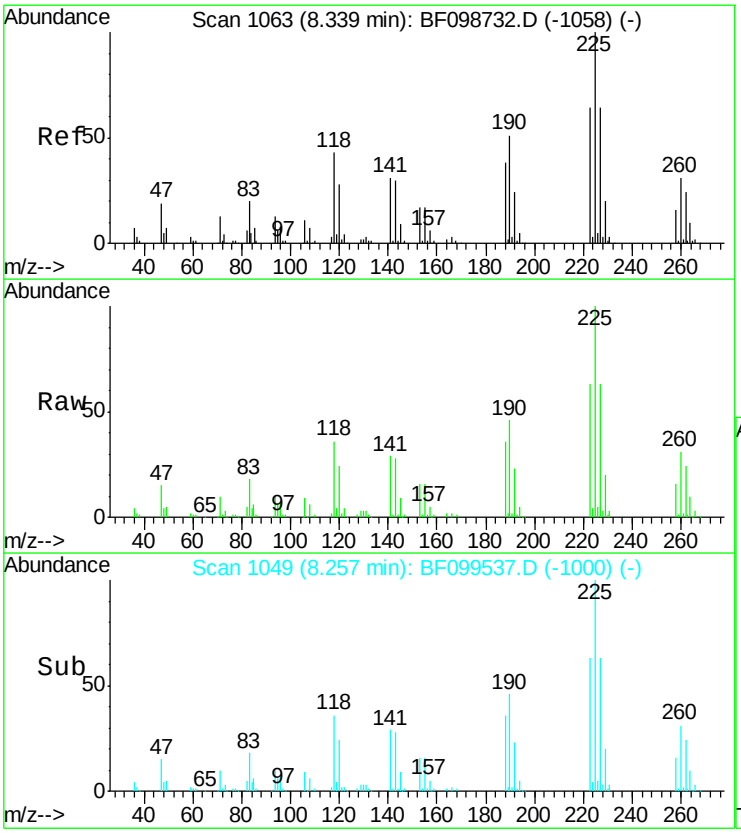
#33
4-Chloroaniline
Concen: 14.33 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 114596

Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.9	38.9
65	28.0	25.0	37.4
92	17.8	15.2	22.8

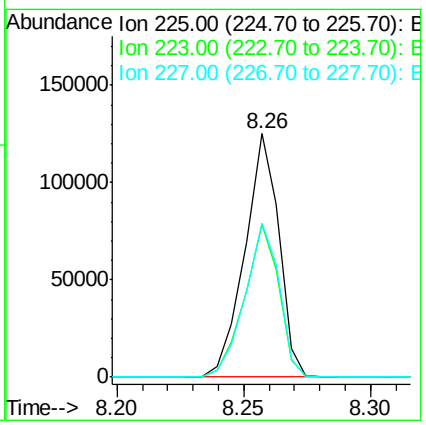


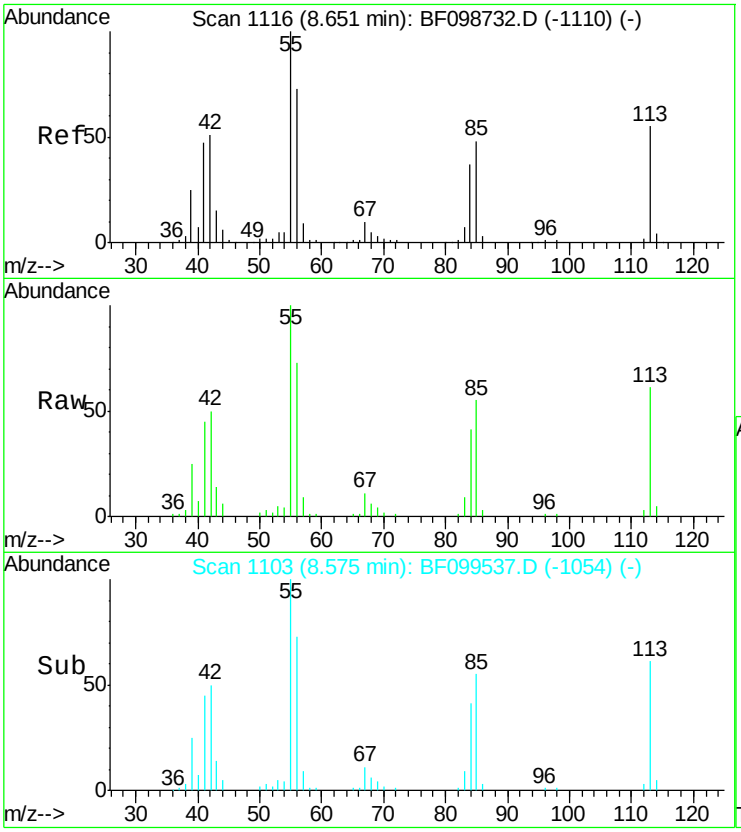


#34
Hexachlorobutadiene
Concen: 40.52 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:225 Resp: 117382

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.0	51.9	77.9



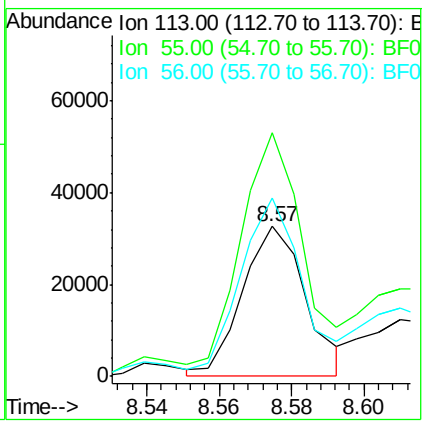


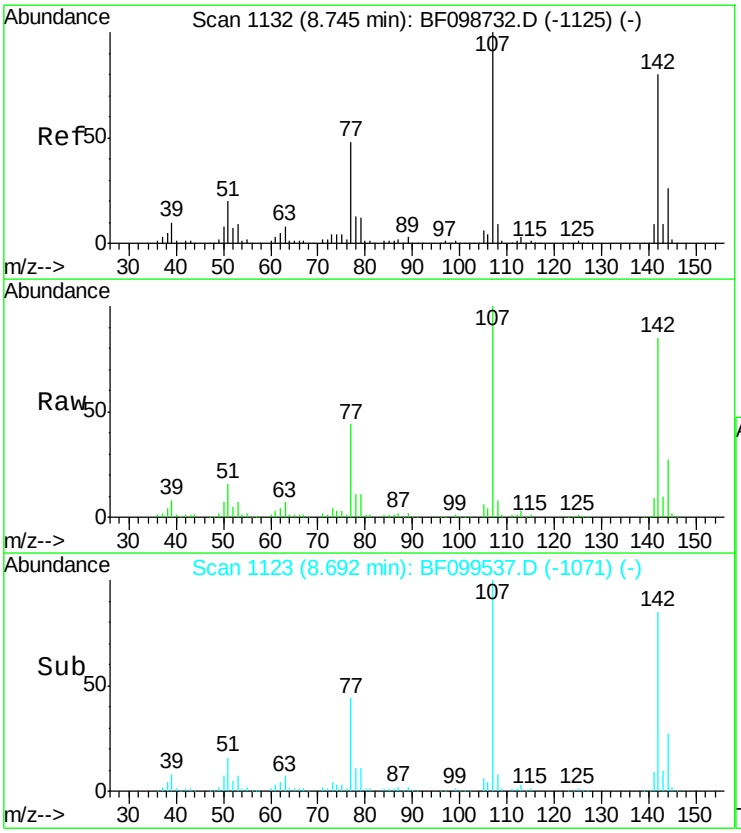
#35
Caprolactam
Concen: 21.89 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 39482

Ion	Ratio	Lower	Upper
113	100		
55	162.7	163.3	203.3#
56	119.5	115.7	155.7

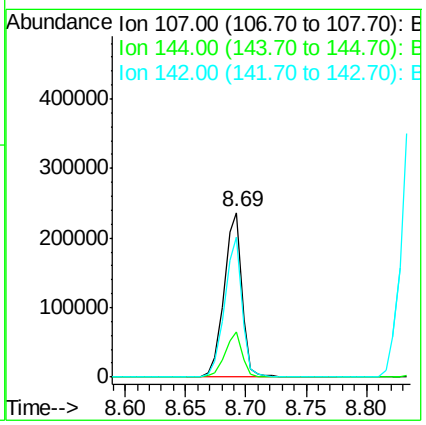


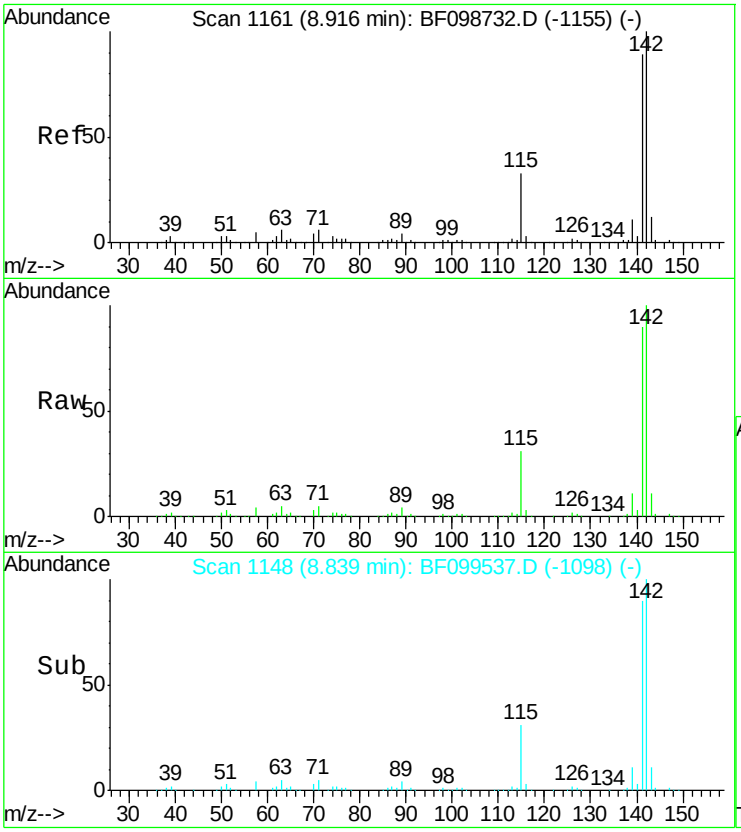


#36
4-Chloro-3-methylphenol
Concen: 38.48 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:107 Resp: 243220

Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.5	30.7
142	85.3	62.0	93.0



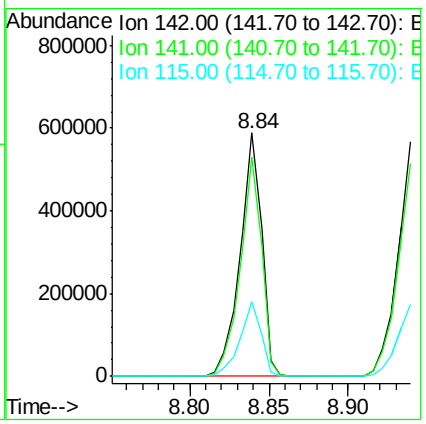


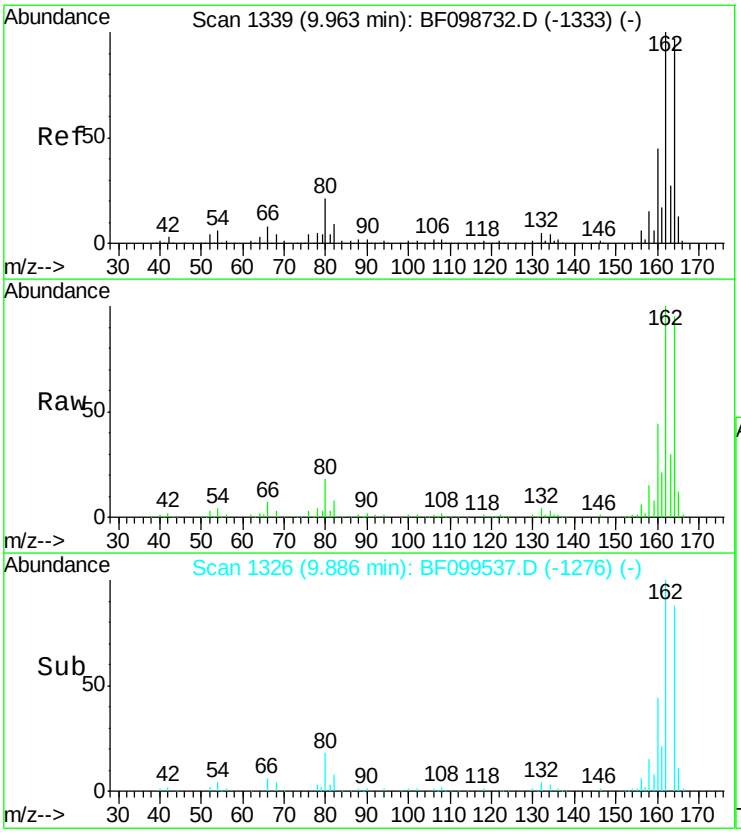
#37
2-Methylnaphthalene
Concen: 44.38 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 552437

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	30.6	26.1	39.1

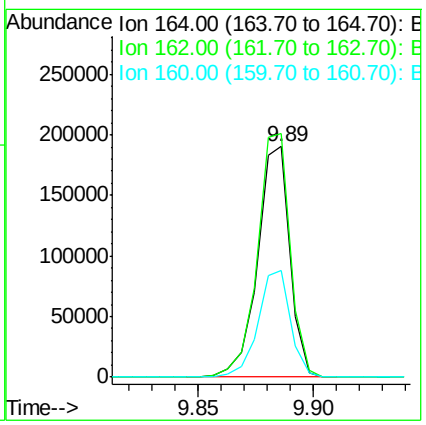


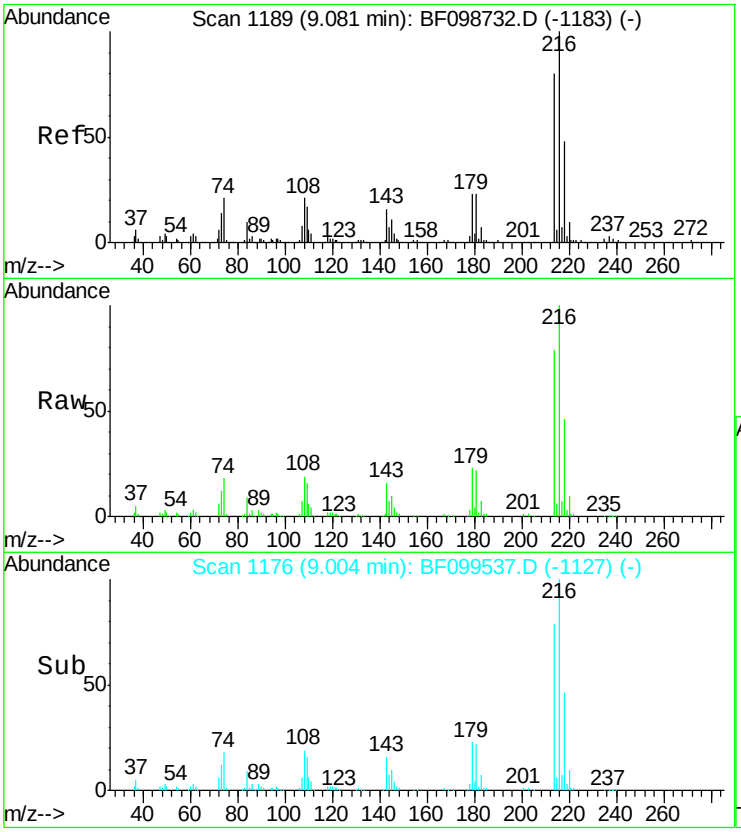


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:164 Resp: 185030

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	46.1	38.3	57.5



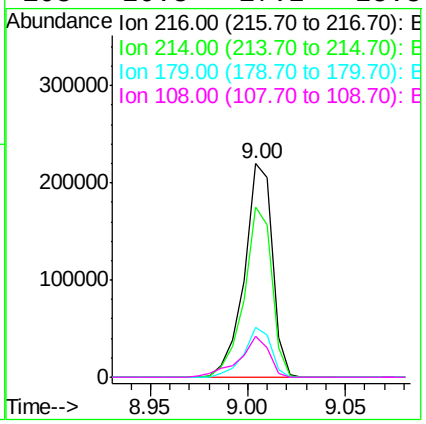


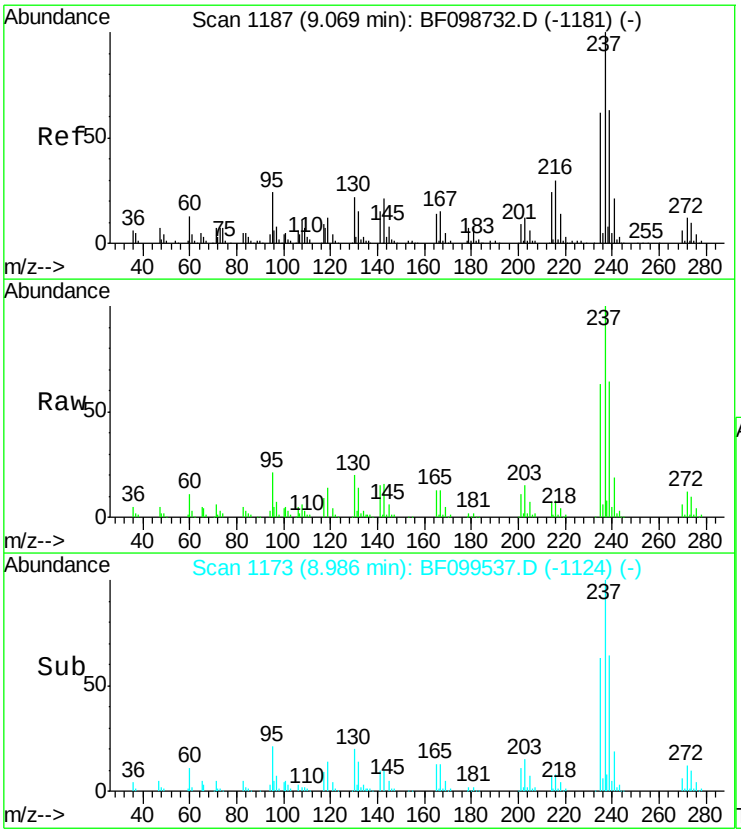
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.69 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:216 Resp: 219001

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	22.6	18.1	27.1
108	20.3	17.2	25.8

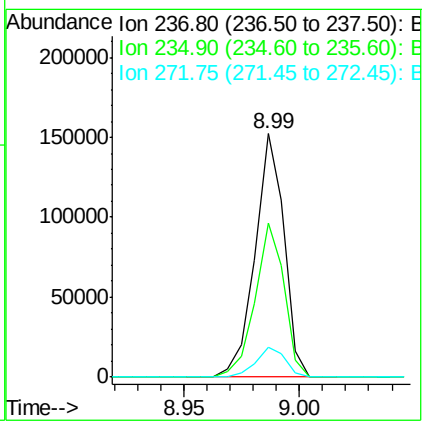


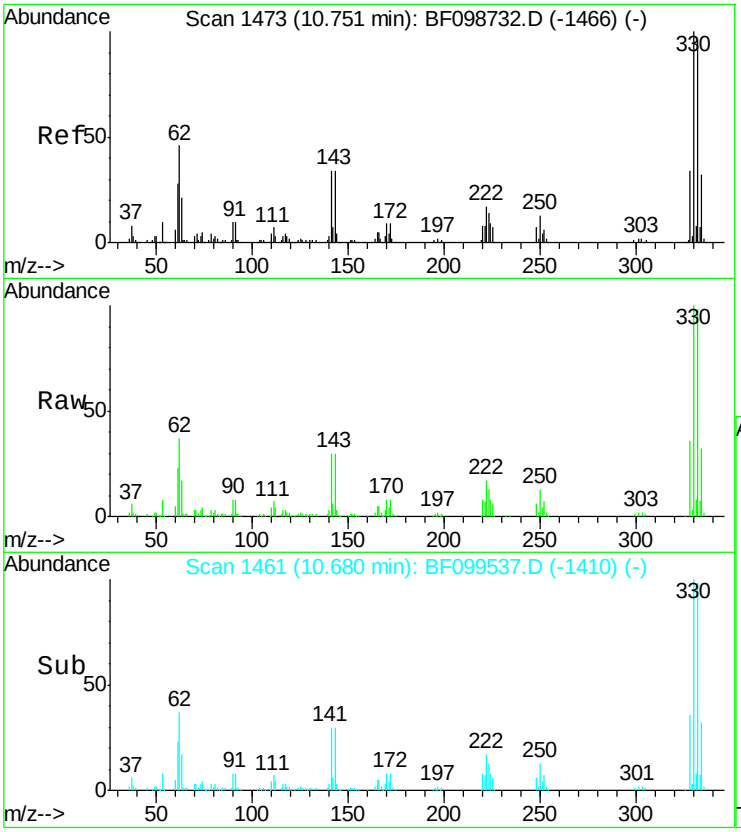


#40
Hexachlorocyclopentadiene
Concen: 52.94 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:237 Resp: 133513

Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.8	84.8
272	12.3	0.0	33.3



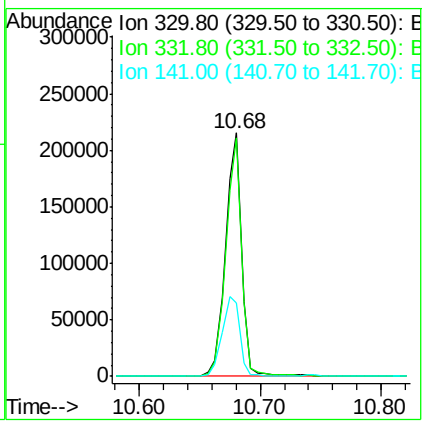


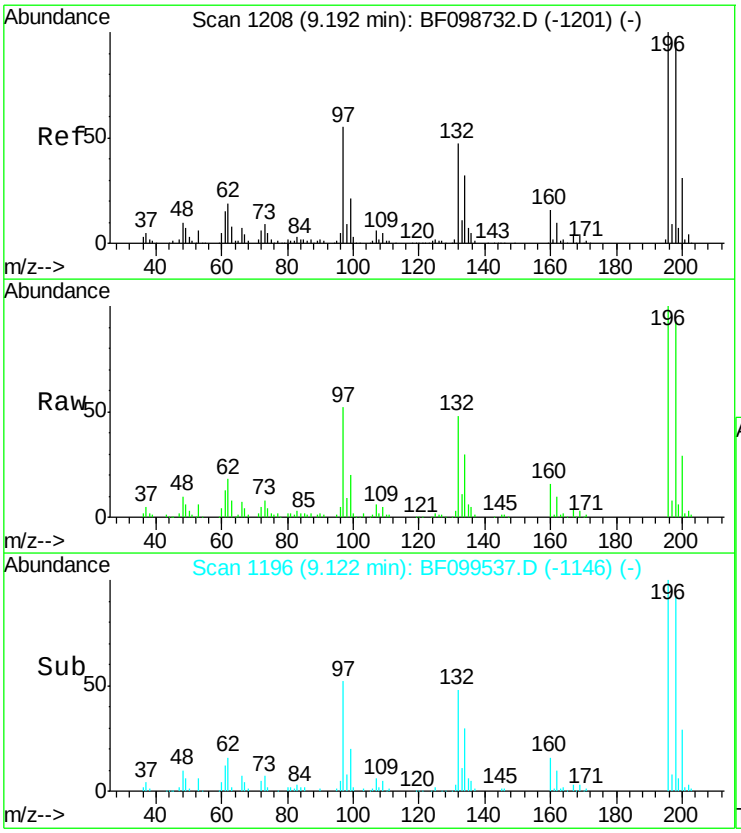
#41
2,4,6-Tribromophenol
Concen: 132.72 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 200944

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	36.1	29.9	44.9

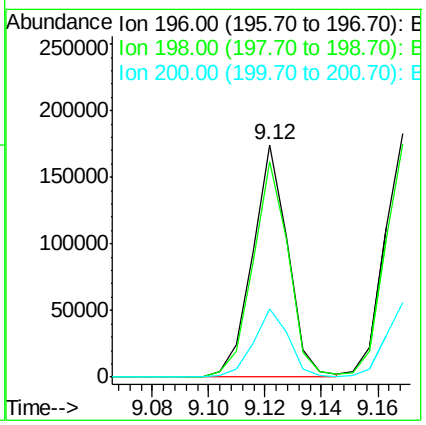


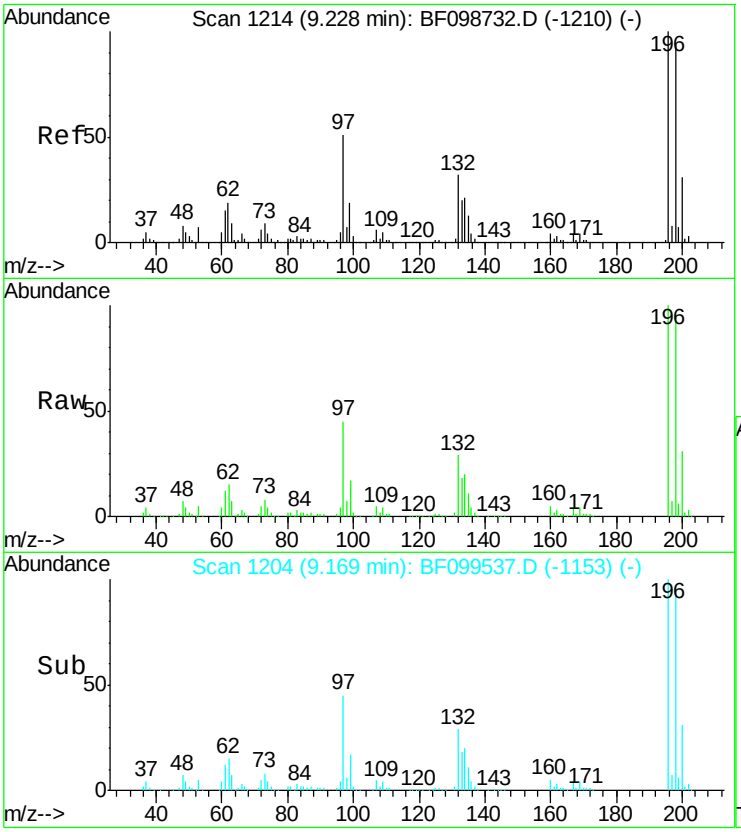


#42
2,4,6-Trichlorophenol
Concen: 38.71 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:196 Resp: 151328

Ion	Ratio	Lower	Upper
196	100		
198	92.6	75.7	113.5
200	29.3	24.5	36.7



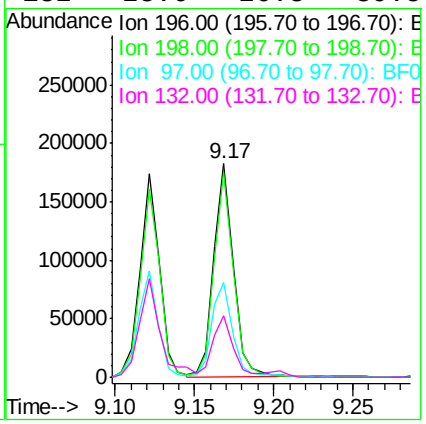


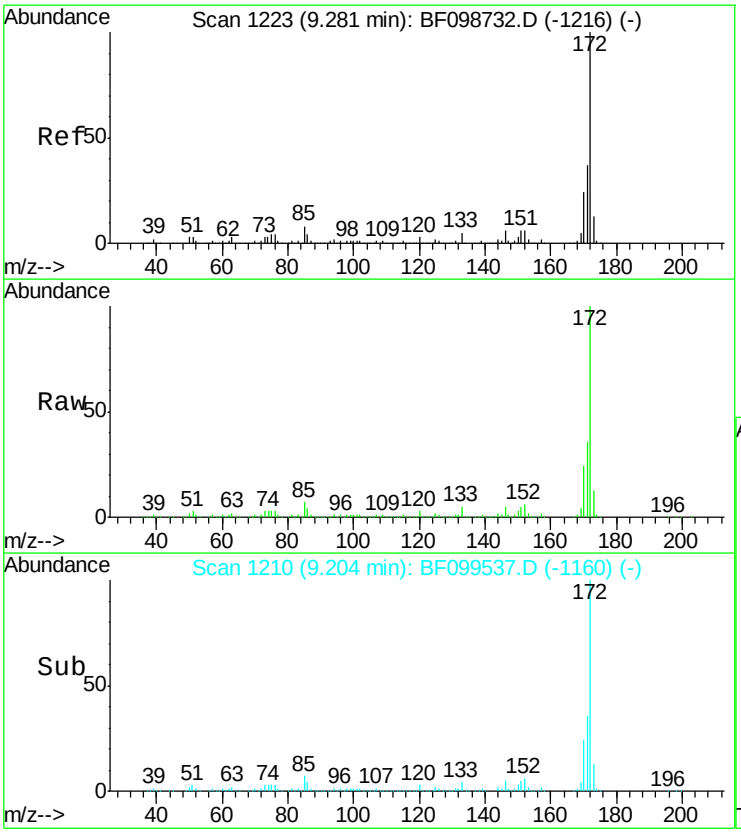
#43
2,4,5-Trichlorophenol
Concen: 40.57 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 158321

Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.6	112.0
97	44.6	42.9	64.3
132	28.6	26.3	39.5

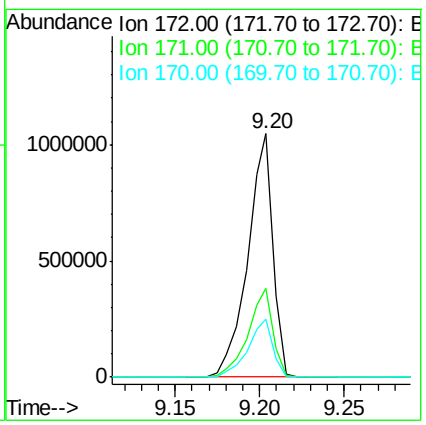


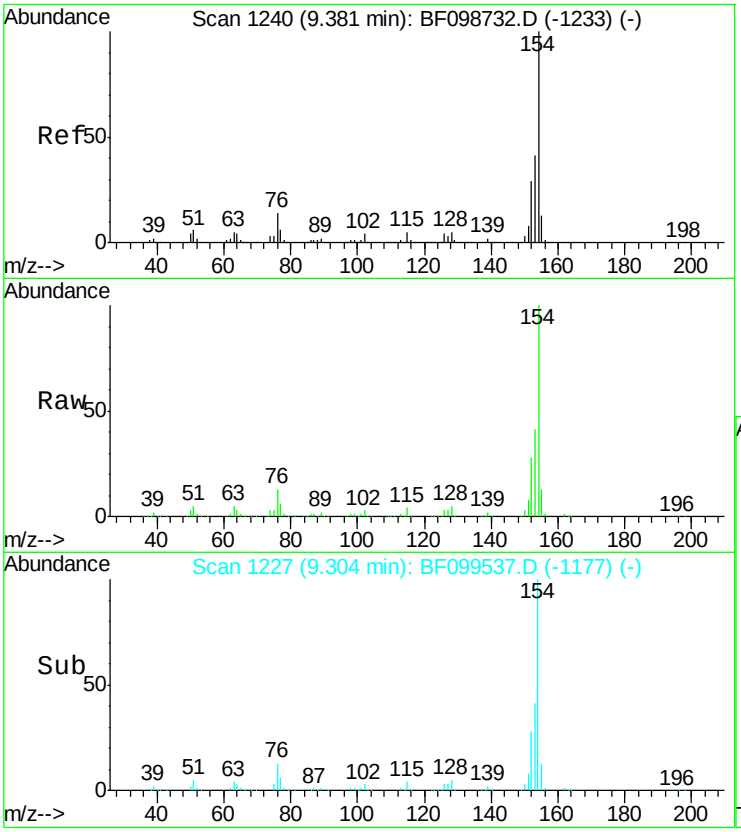


#44
2-Fluorobiphenyl
Concen: 97.97 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:172 Resp: 1085818

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4



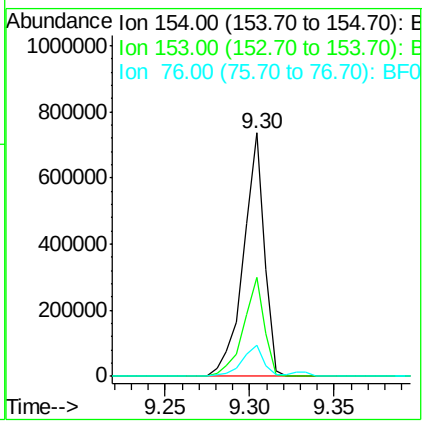


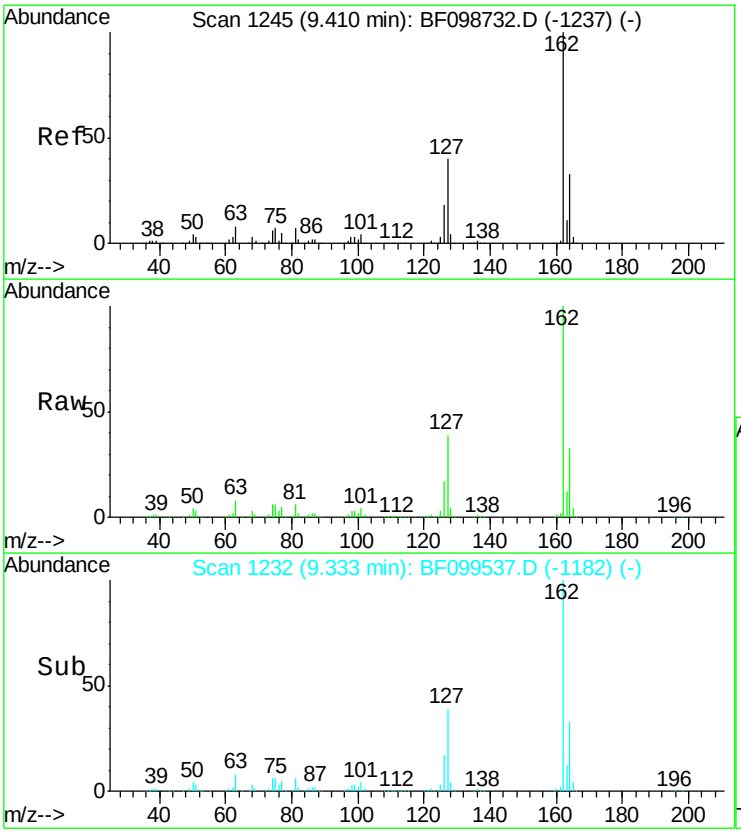
#45
1,1'-Biphenyl
Concen: 40.01 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 636314

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.0	0.0	34.0

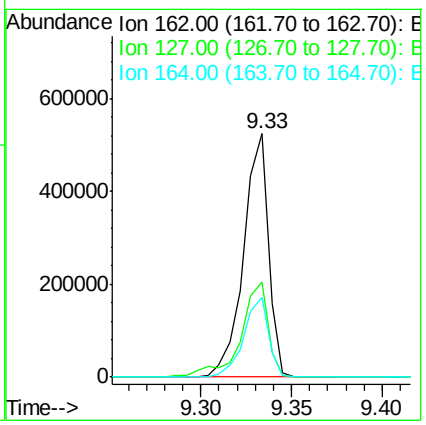


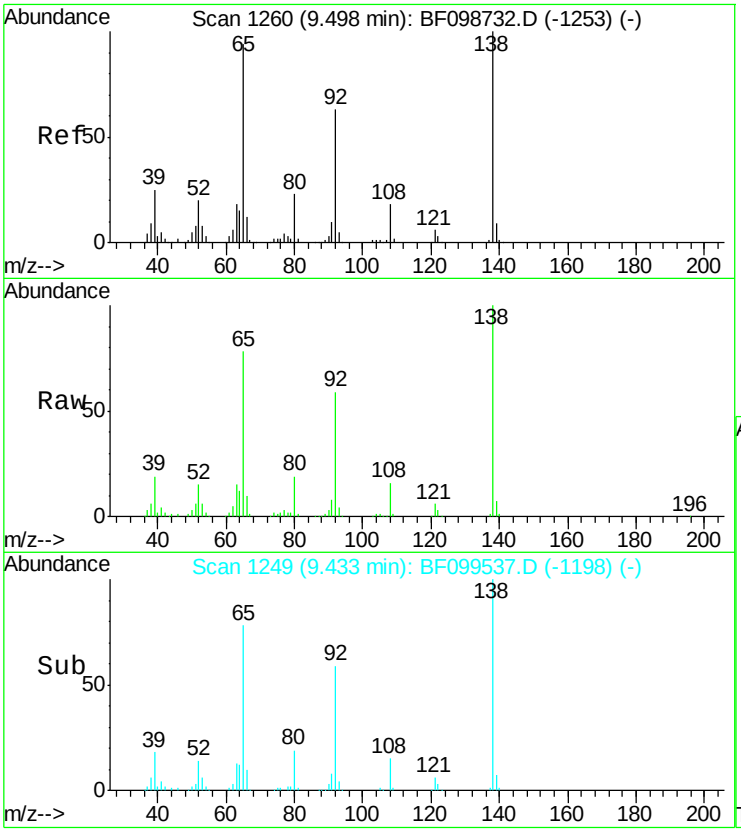


#46
2-Chloronaphthalene
Concen: 41.82 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:162 Resp: 499328

Ion	Ratio	Lower	Upper
162	100		
127	39.1	33.9	50.9
164	32.8	26.5	39.7



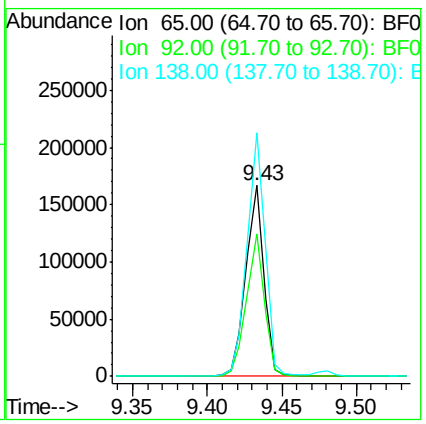


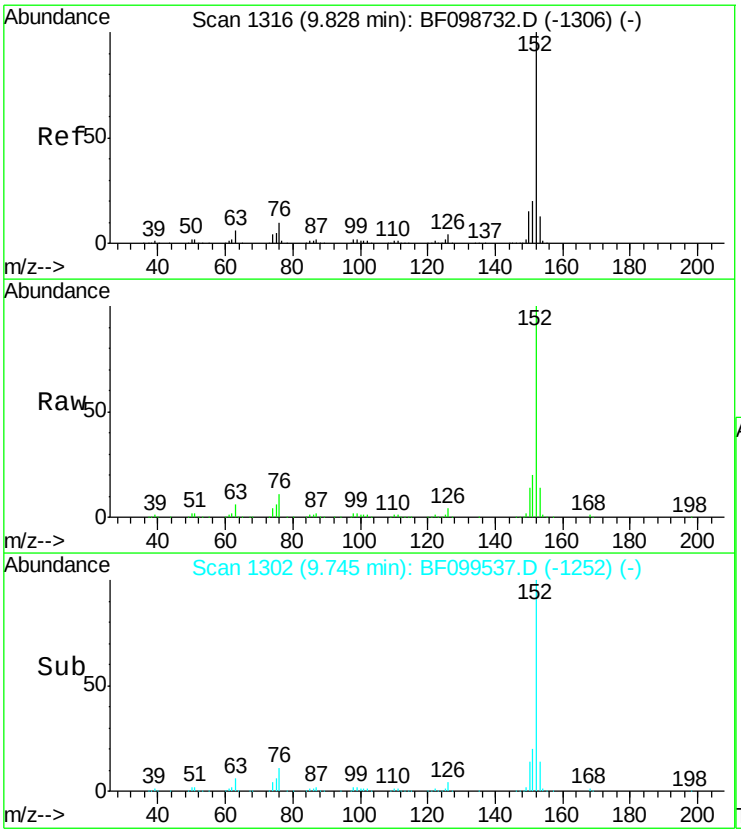
#47
2-Nitroaniline
Concen: 38.57 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 141014

Ion	Ratio	Lower	Upper
65	100		
92	75.0	55.8	83.6
138	127.7	91.2	136.8

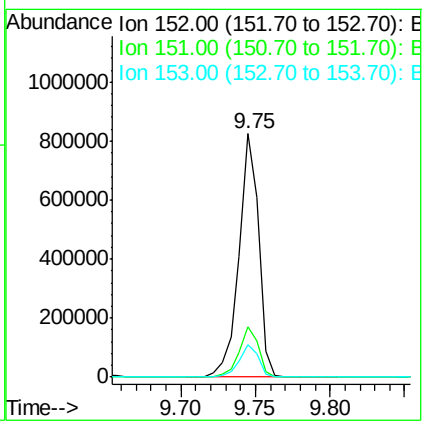


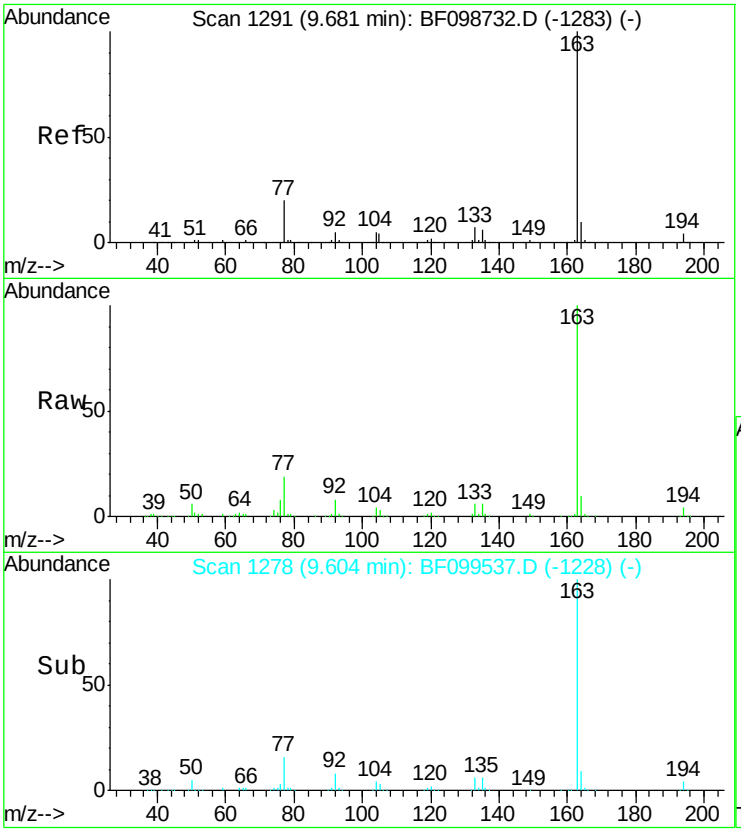


#48
Acenaphthylene
Concen: 41.23 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:152 Resp: 753634

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.6	10.7	16.1



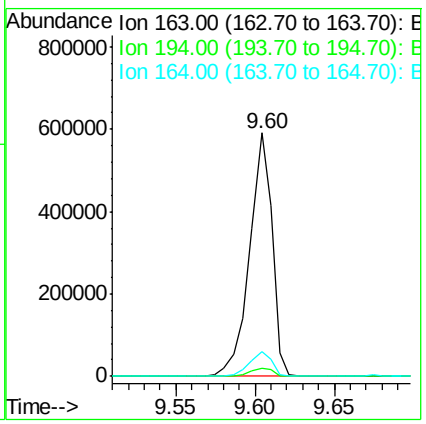


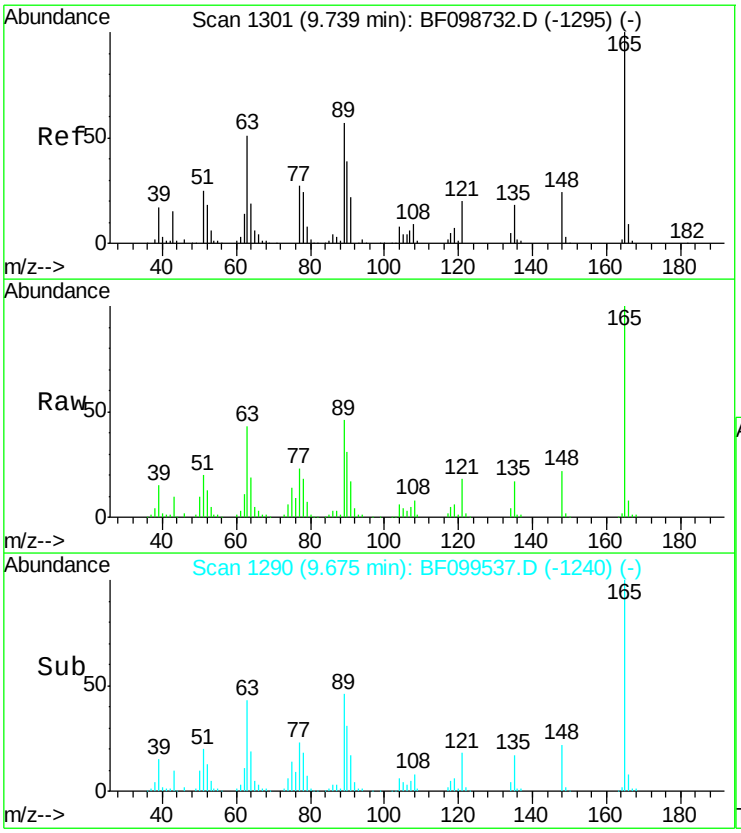
#49
Dimethylphthalate
Concen: 41.60 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 580969

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2

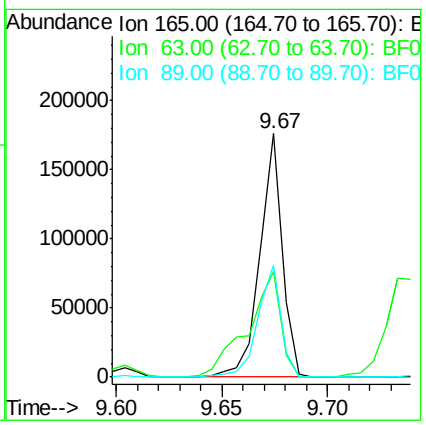


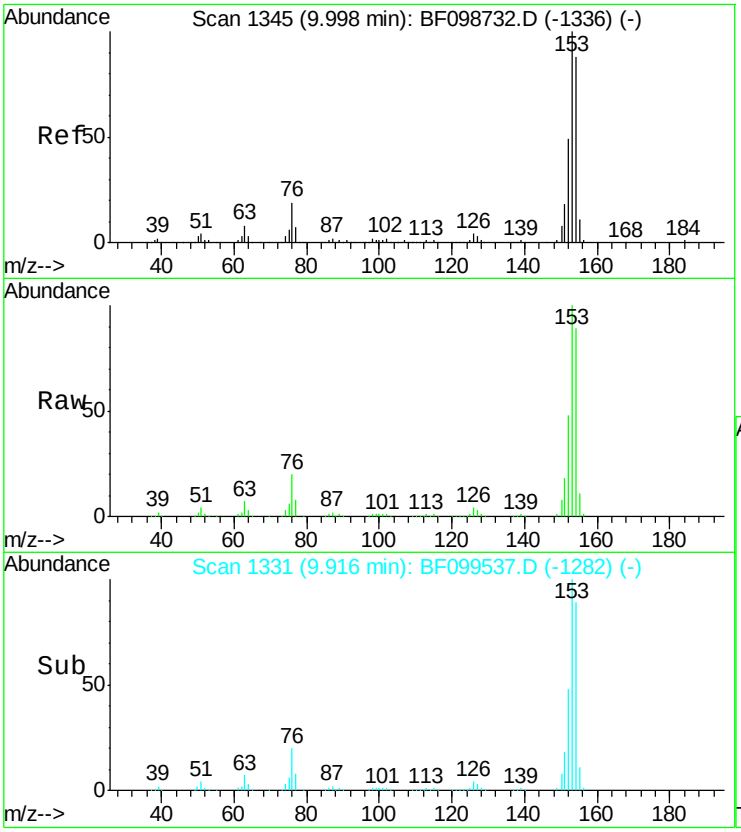


#50
2,6-Dinitrotoluene
Concen: 43.16 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:165 Resp: 131223

Ion	Ratio	Lower	Upper
165	100		
63	43.5	44.7	67.1#
89	45.8	44.0	66.0



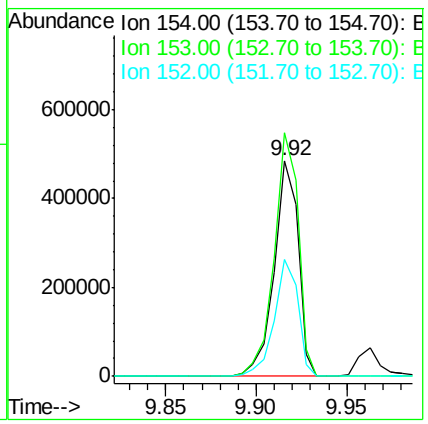


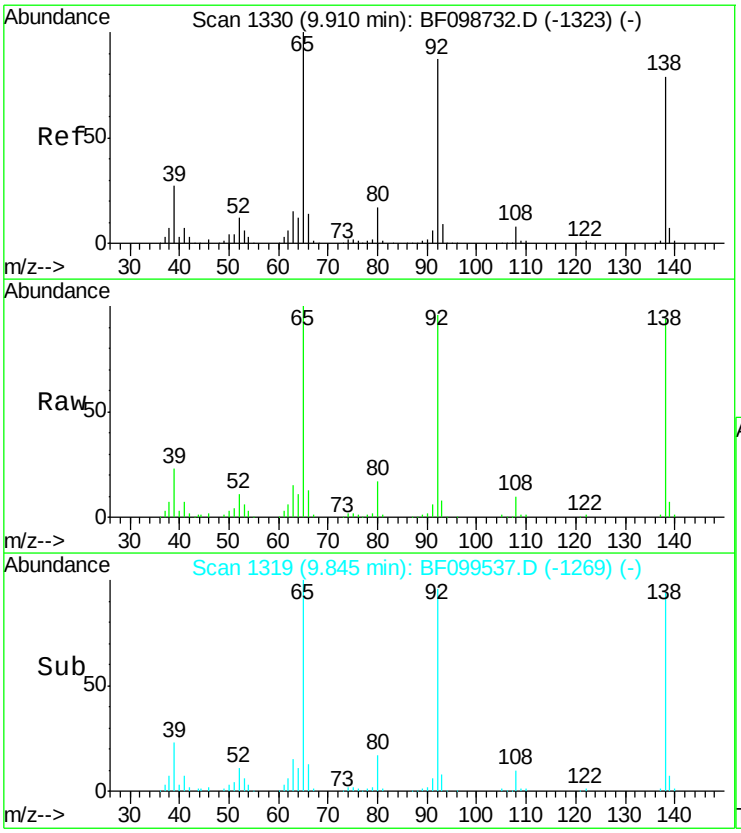
#51
Acenaphthene
Concen: 38.59 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 446740

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.2	136.8
152	53.9	43.8	65.8

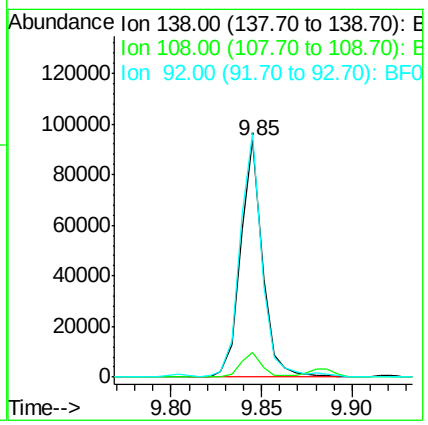


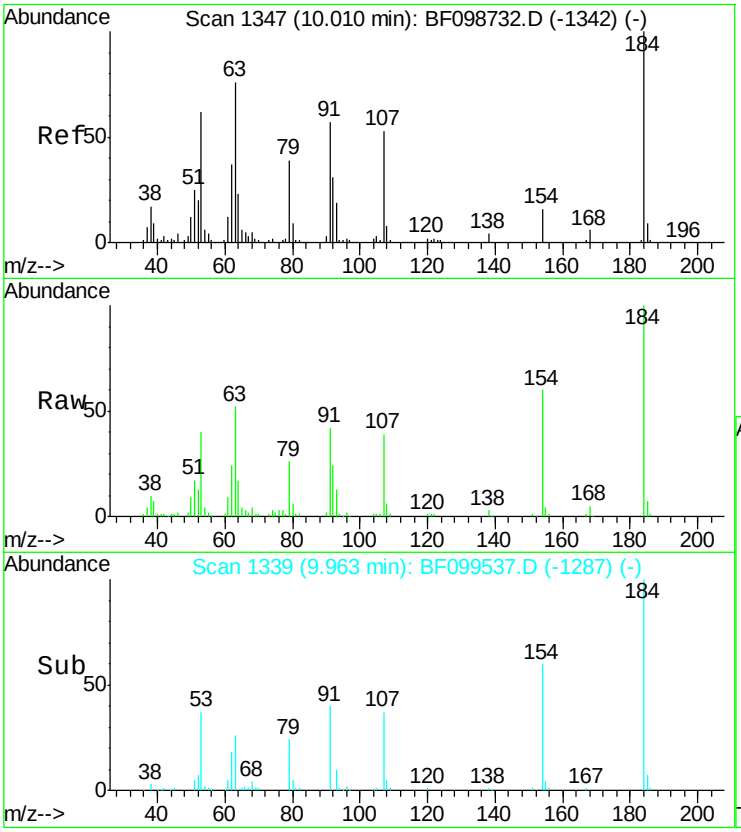


#52
3-Nitroaniline
Concen: 22.06 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:138 Resp: 78204

Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.0
92	102.7	89.4	134.2



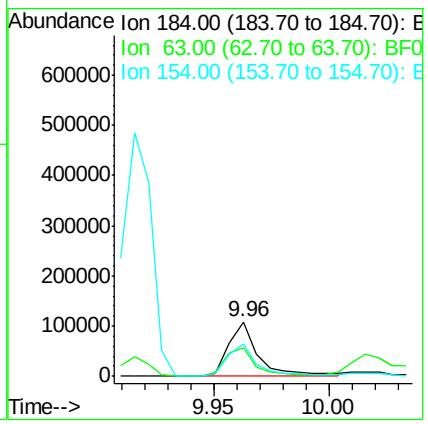


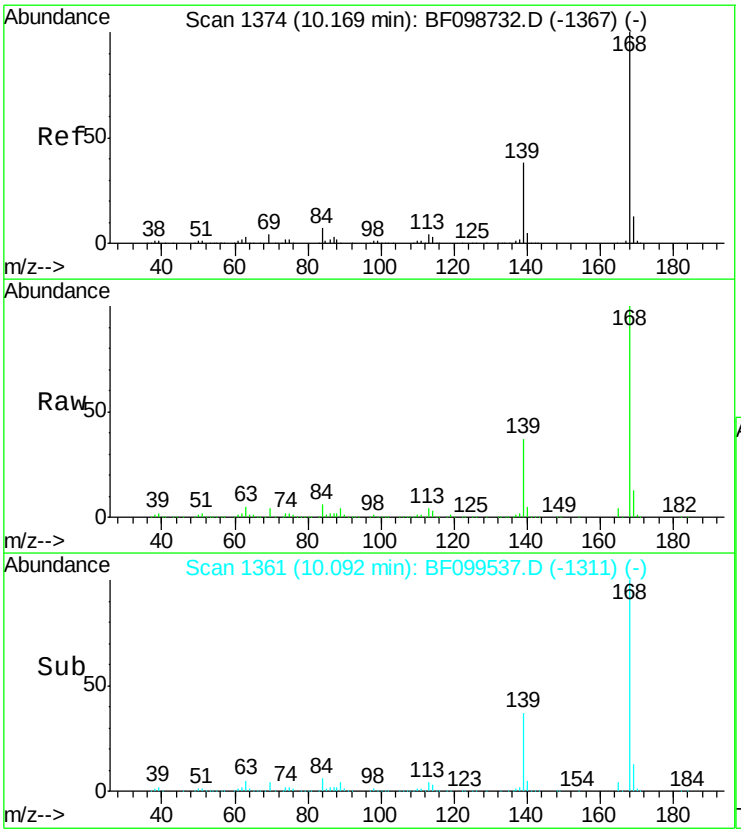
#53
2,4-Dinitrophenol
Concen: 63.19 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 97932

Ion	Ratio	Lower	Upper
184	100		
63	52.3	54.2	81.2#
154	60.4	53.5	80.3

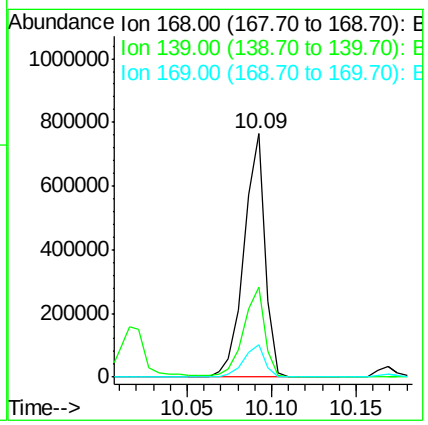


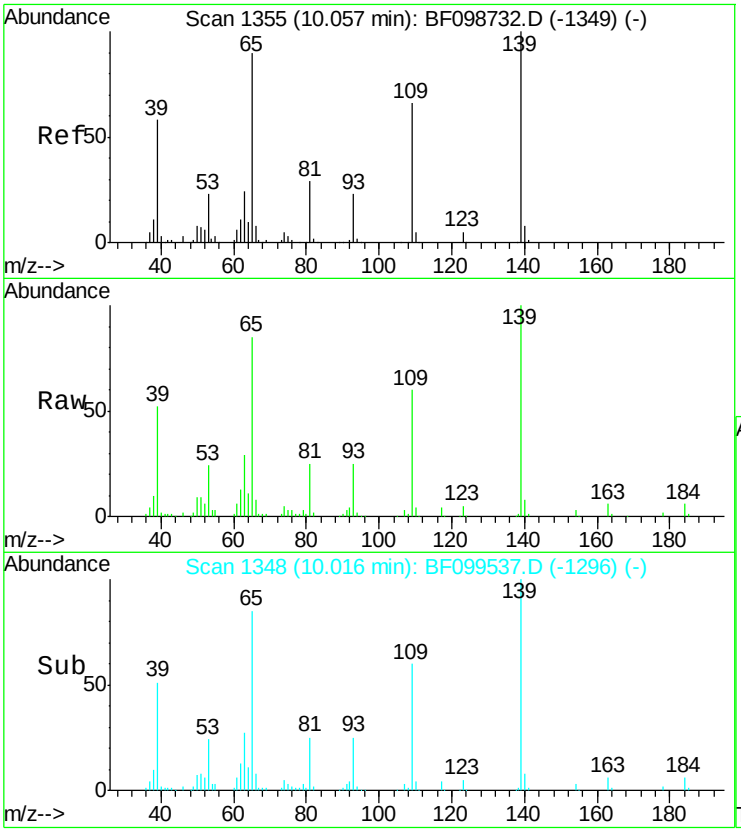


#54
Dibenzofuran
Concen: 43.04 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:168 Resp: 663535

Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	13.4	10.9	16.3



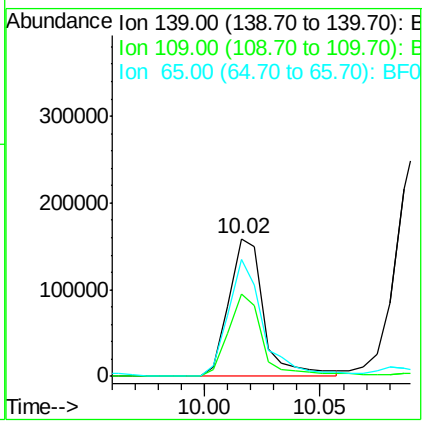


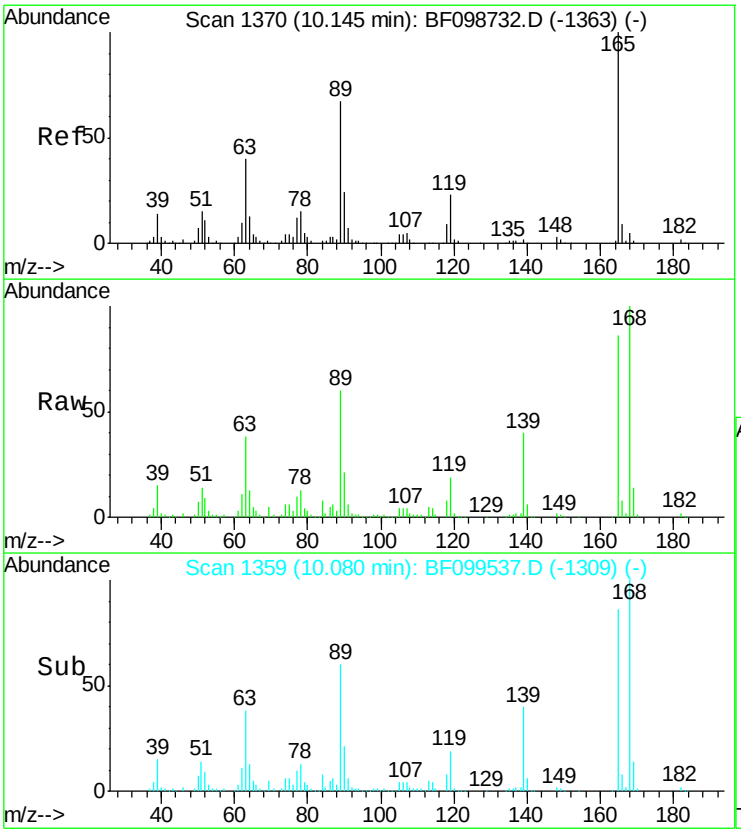
#55
4-Nitrophenol
Concen: 56.10 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 168152

Ion	Ratio	Lower	Upper
139	100		
109	59.7	48.4	88.4
65	84.9	72.6	112.6

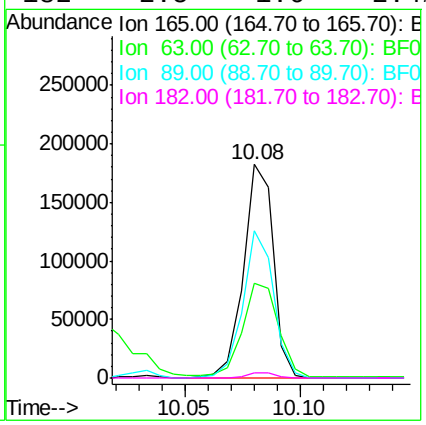


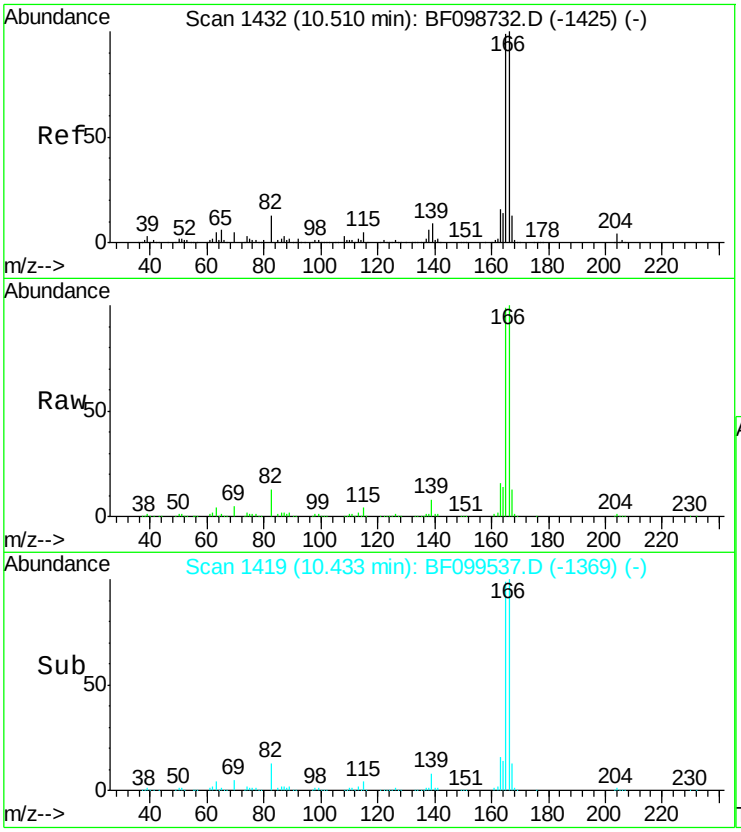


#56
2,4-Dinitrotoluene
Concen: 41.86 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:165 Resp: 165153

Ion	Ratio	Lower	Upper
165	100		
63	44.1	36.4	54.6
89	69.1	57.8	86.6
182	2.5	1.6	2.4#



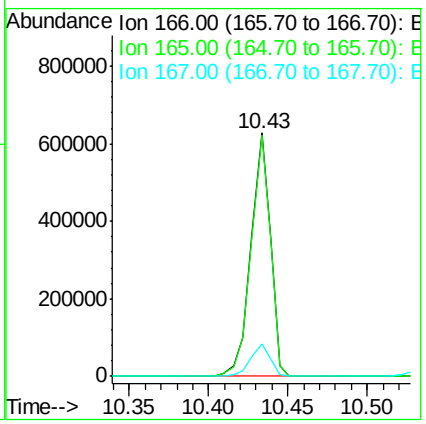


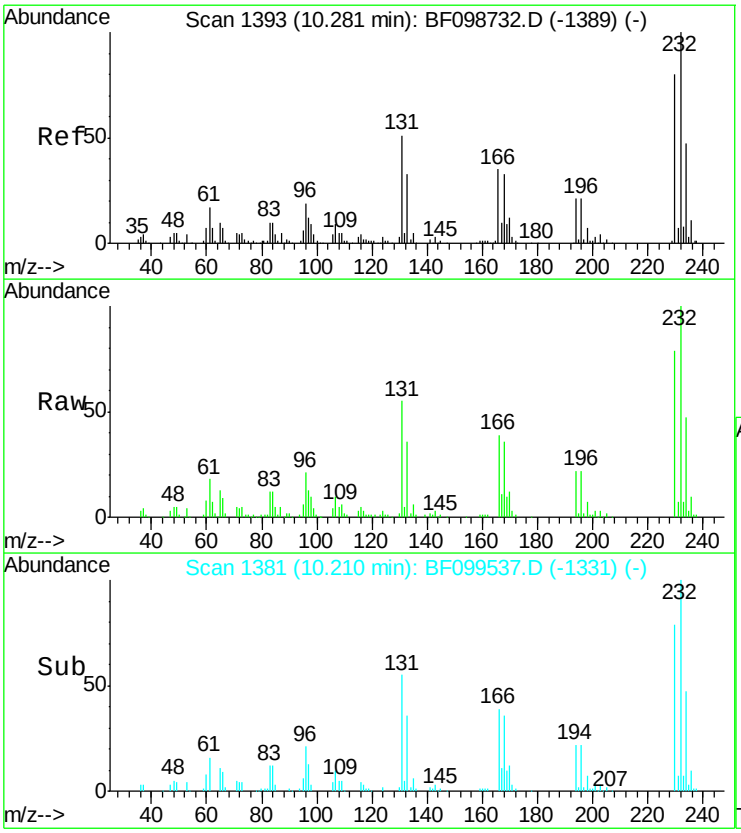
#57
Fluorene
Concen: 43.04 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 533300

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.5	10.6	16.0

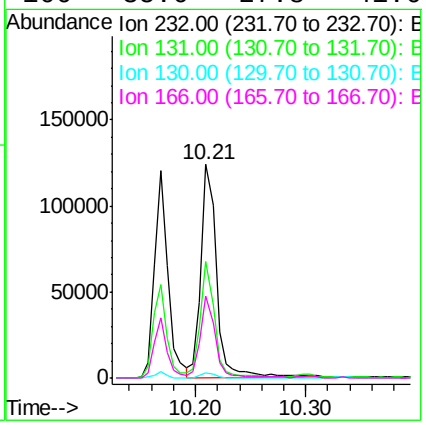


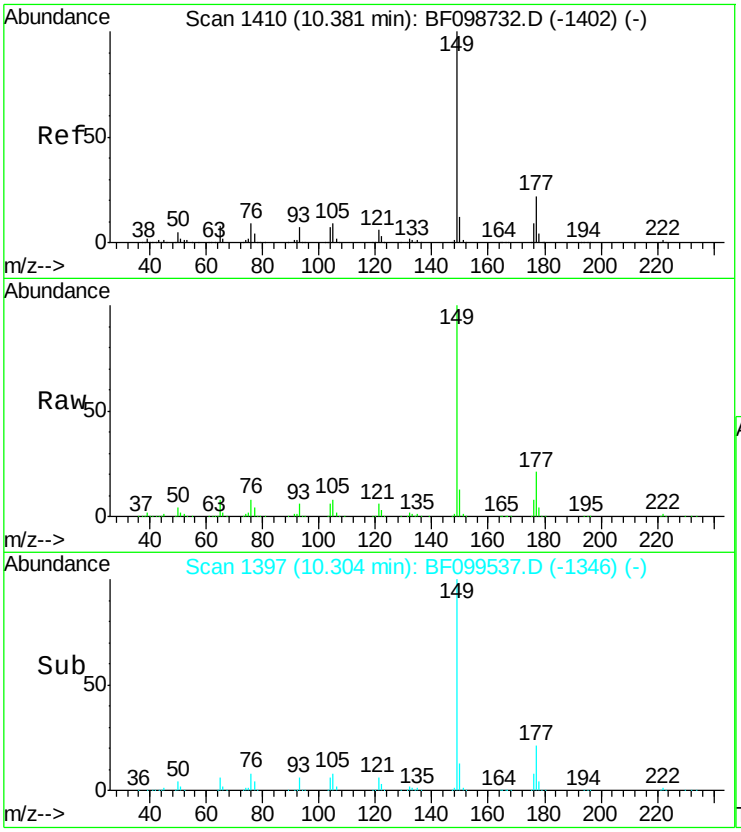


#58
2,3,4,6-Tetrachlorophenol
Concen: 43.77 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:232 Resp: 118003

Ion	Ratio	Lower	Upper
232	100		
131	48.9	43.8	65.8
130	2.2	2.1	3.1
166	35.6	27.8	41.6



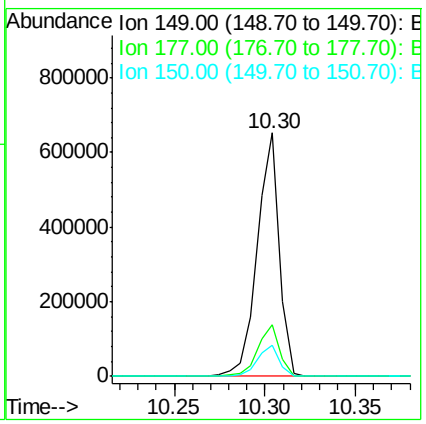


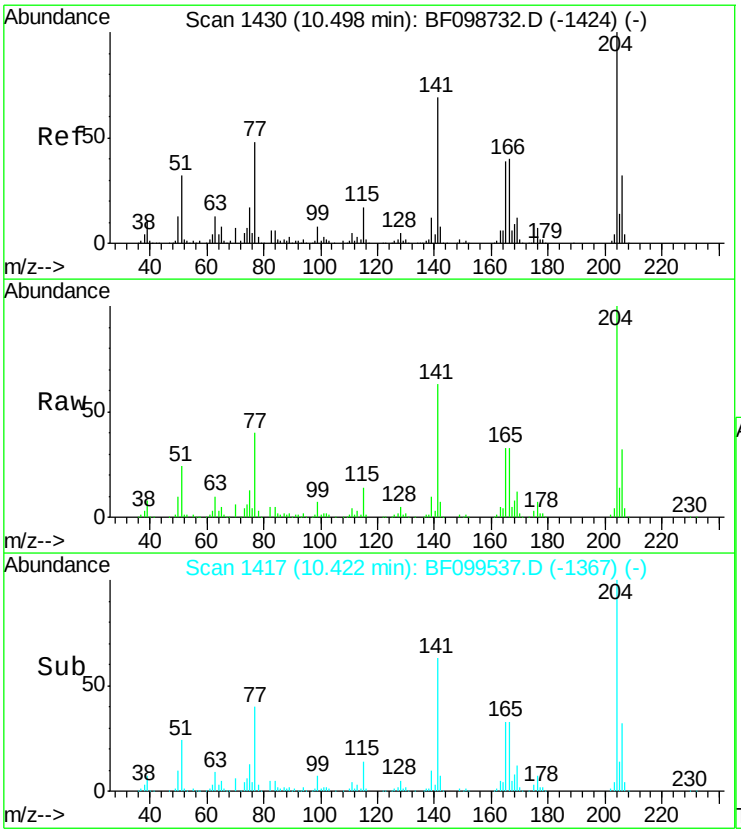
#59
Diethylphthalate
Concen: 40.44 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 551852

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	12.6	10.1	15.1

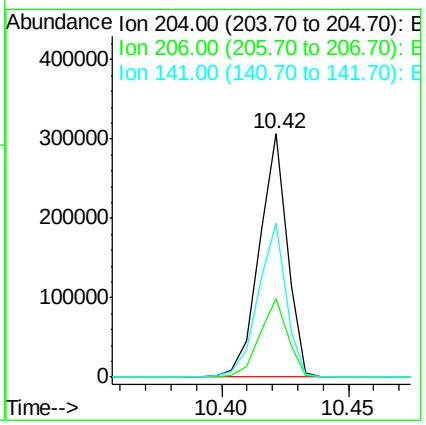


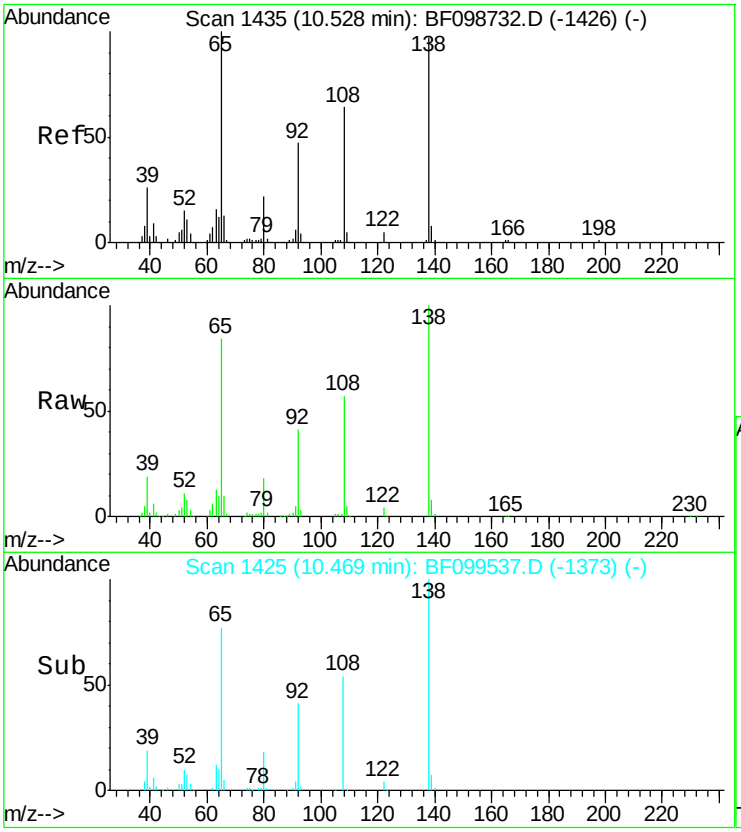


#60
4-Chlorophenyl-phenylether
Concen: 42.75 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:204 Resp: 237958

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	63.3	54.6	81.8



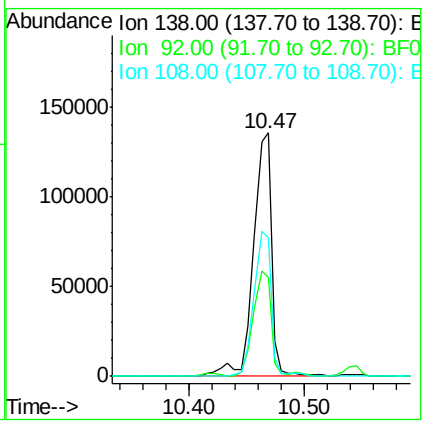


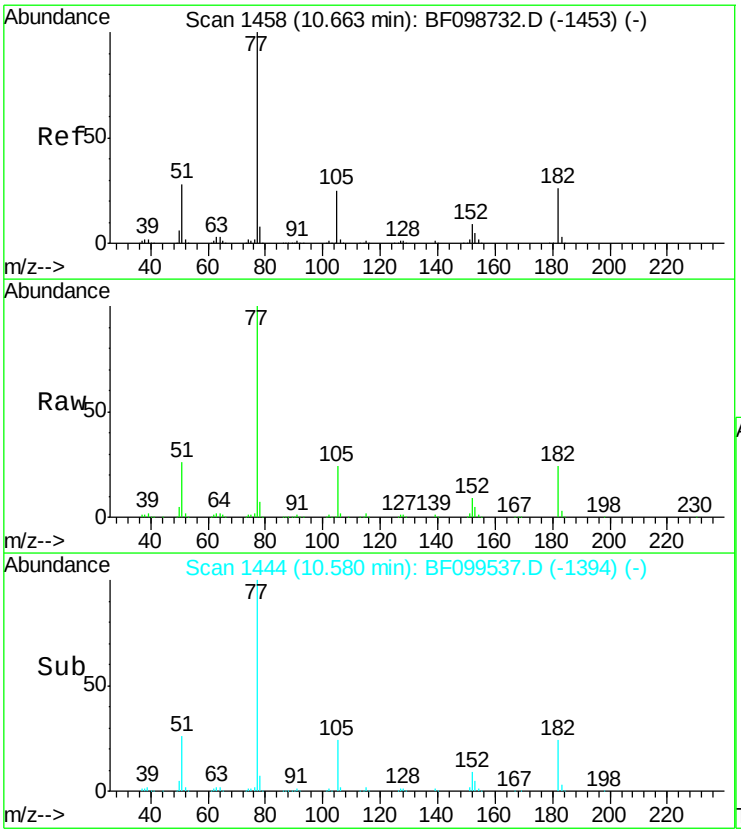
#61
4-Nitroaniline
Concen: 43.99 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 150454

Ion	Ratio	Lower	Upper
138	100		
92	40.9	30.2	70.2
108	57.1	52.5	92.5

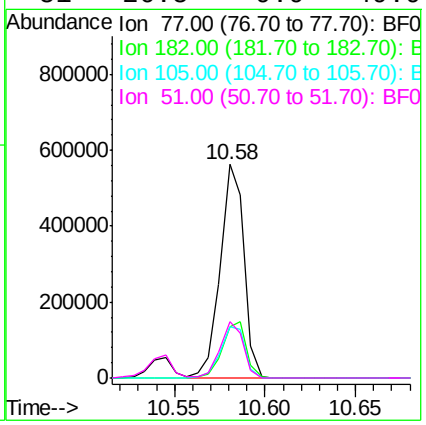


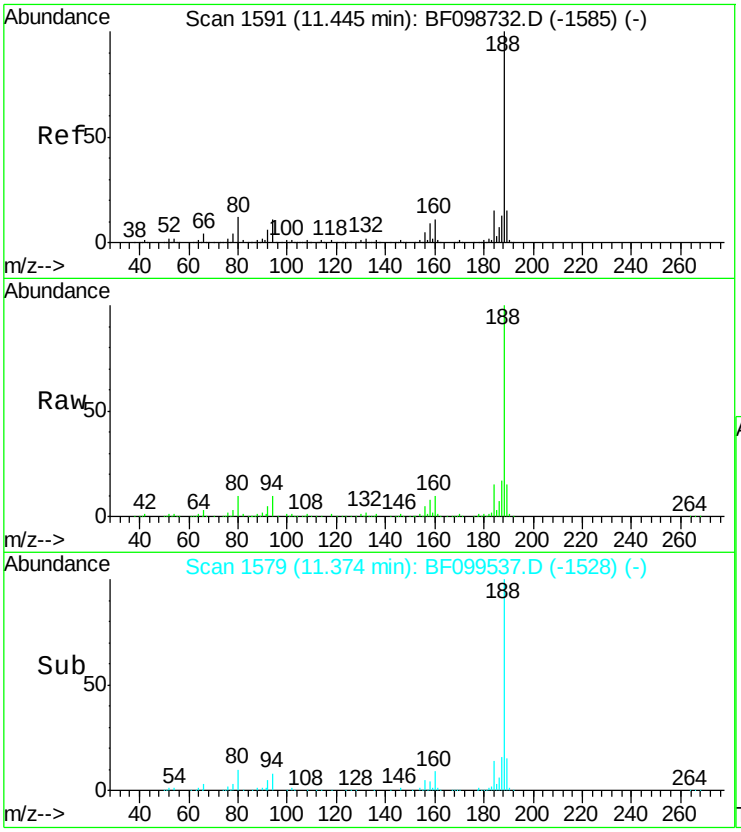


#62
Azobenzene
Concen: 40.79 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion: 77 Resp: 511823

Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.7	41.7
105	24.2	3.0	43.0
51	26.5	9.9	49.9



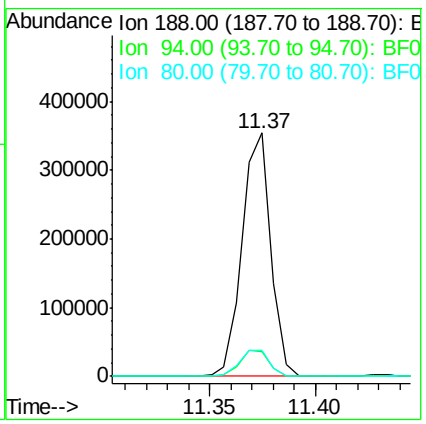


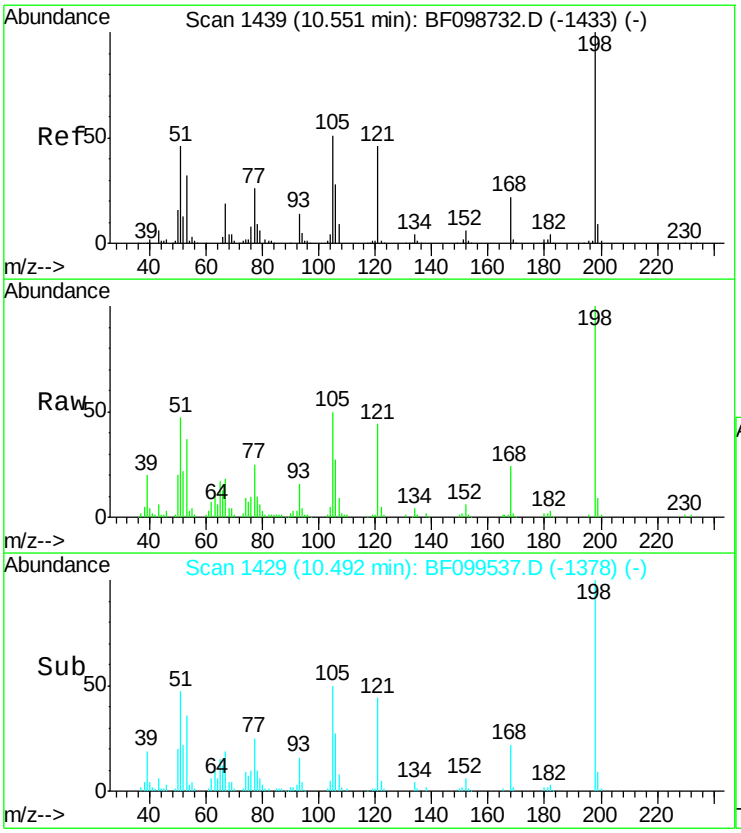
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 332678

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.5	9.2	13.8

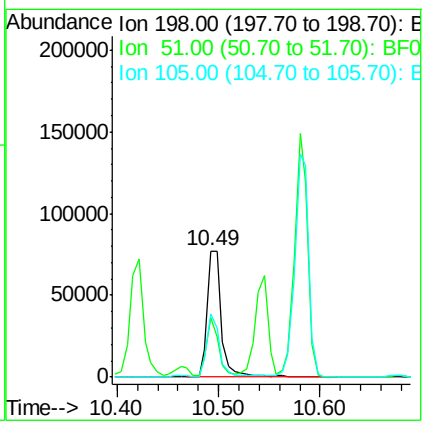


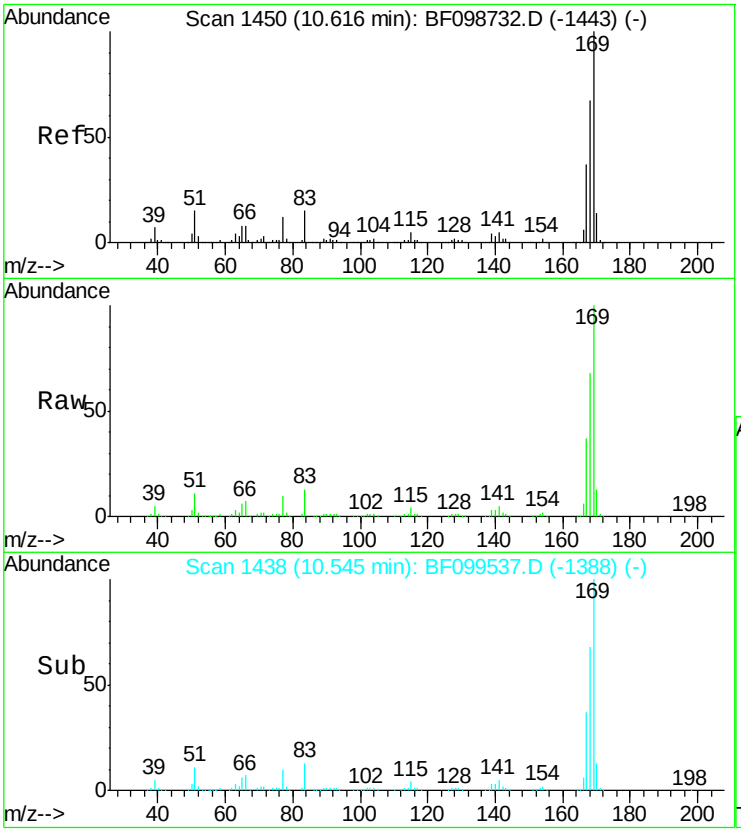


#64
4,6-Dinitro-2-methylphenol
Concen: 37.33 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:198 Resp: 75565

Ion	Ratio	Lower	Upper
198	100		
51	47.2	37.7	77.7
105	50.0	36.3	76.3



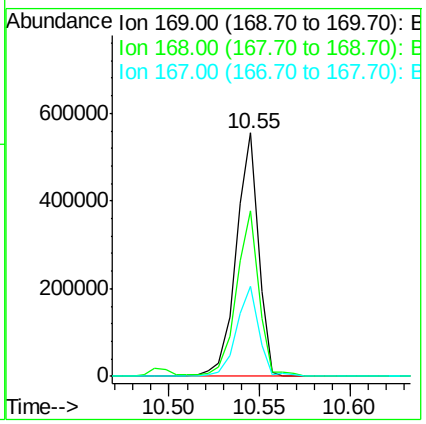


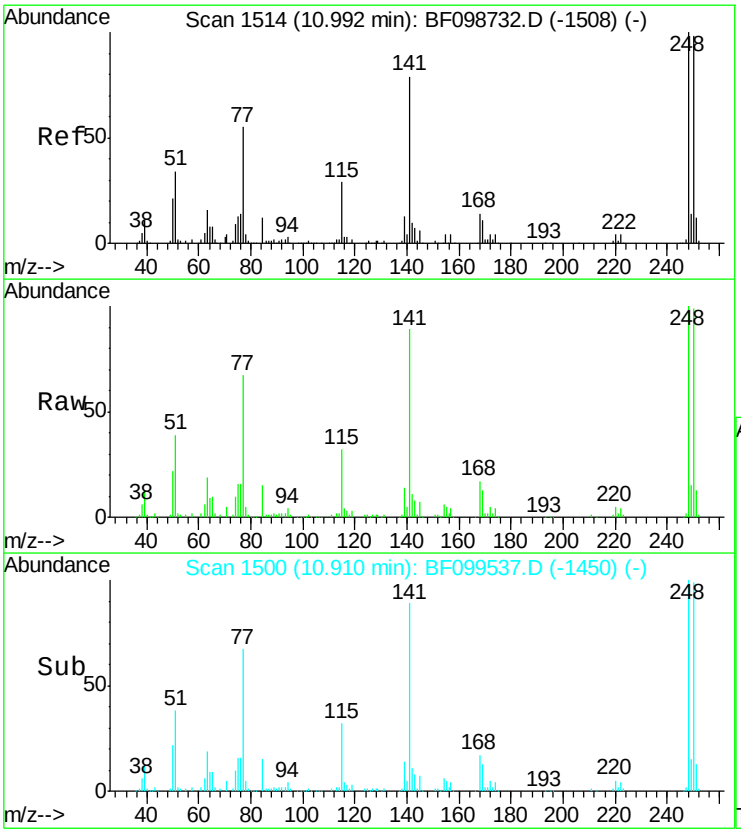
#65
n-Nitrosodiphenylamine
Concen: 40.97 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 472186

Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.4	81.6
167	37.2	29.8	44.6

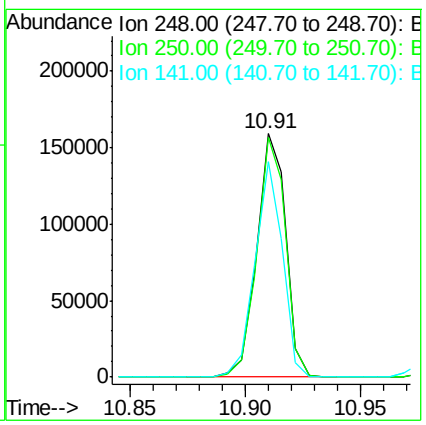


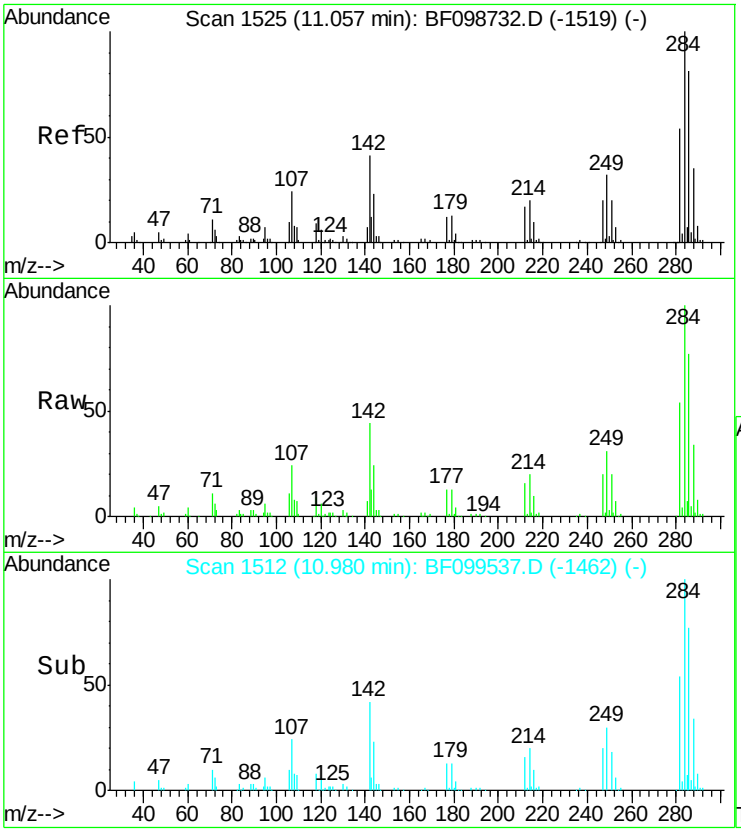


#66
4-Bromophenyl-phenylether
Concen: 42.77 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:248 Resp: 139269

Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.9	115.3
141	88.5	74.4	111.6



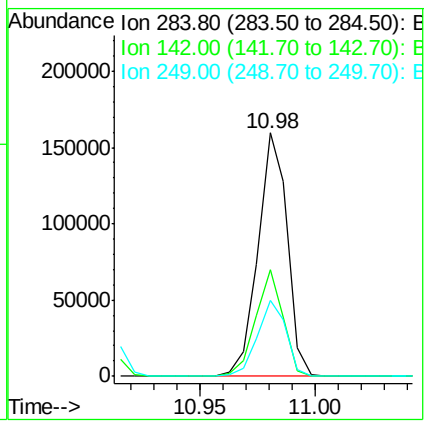


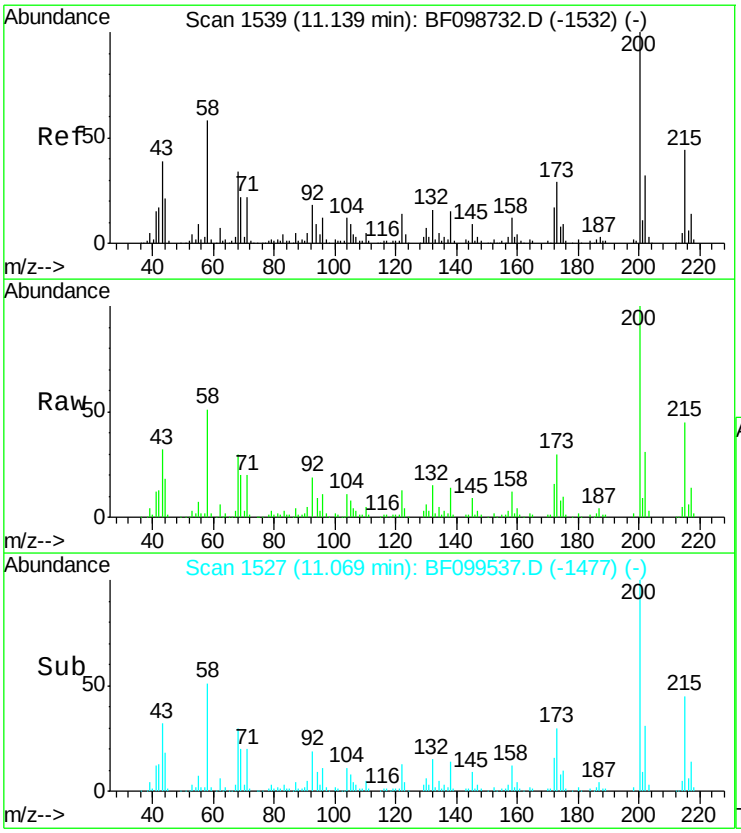
#67
Hexachlorobenzene
Concen: 40.63 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 141313

Ion	Ratio	Lower	Upper
284	100		
142	43.6	34.6	52.0
249	31.0	24.8	37.2

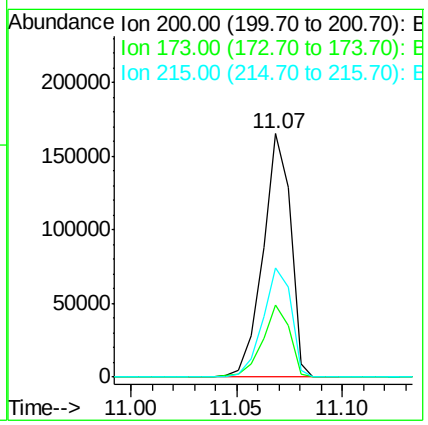


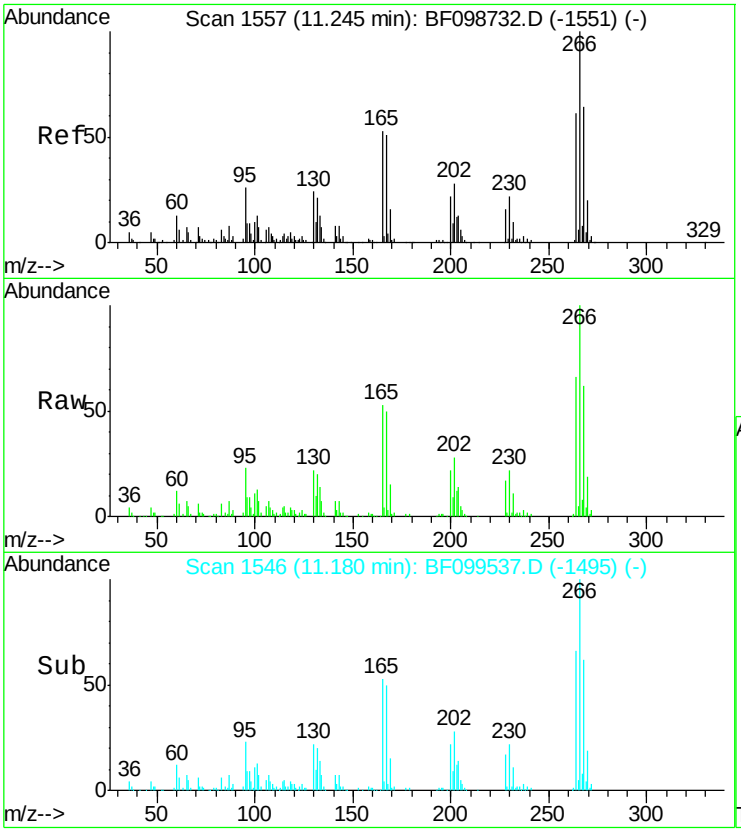


#68
Atrazine
Concen: 43.51 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:200 Resp: 150860

Ion	Ratio	Lower	Upper
200	100		
173	29.5	8.6	48.6
215	44.7	25.1	65.1



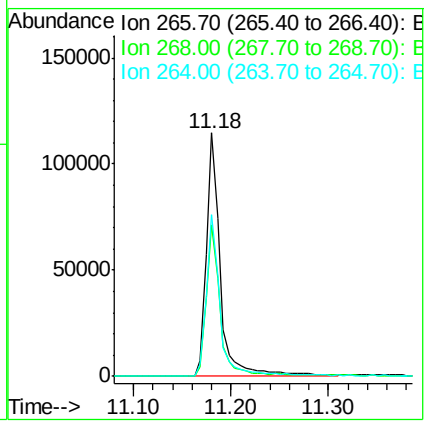


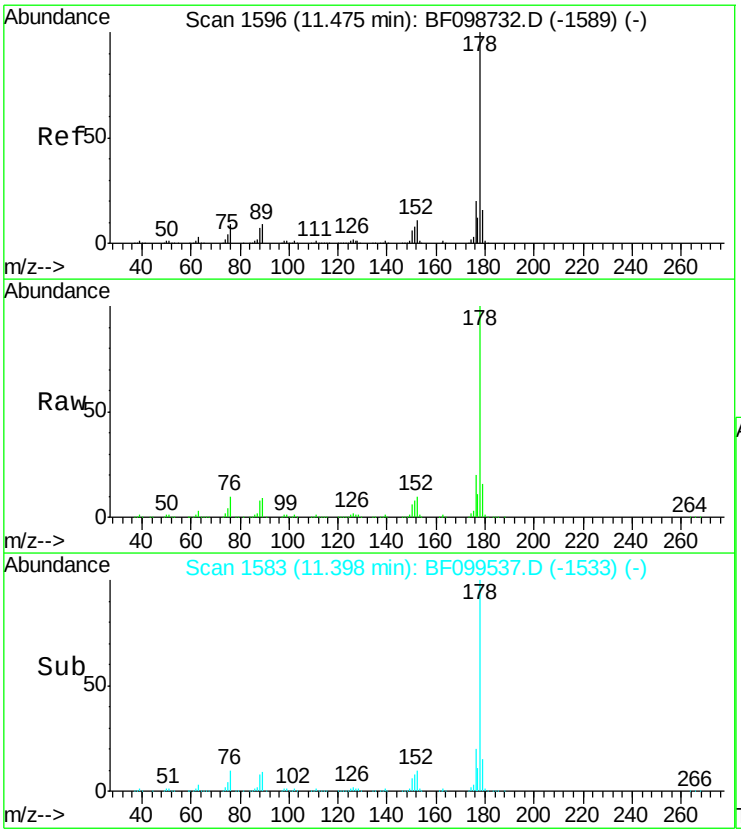
#69
Pentachlorophenol
Concen: 53.38 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 115543

Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	66.3	49.5	74.3

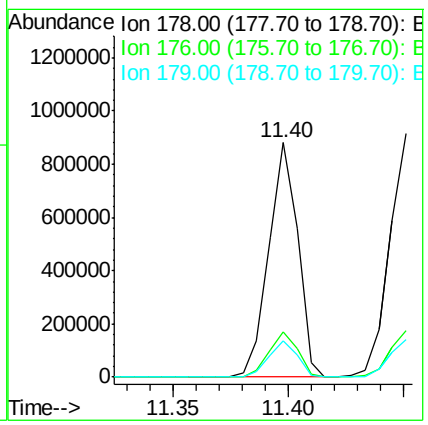


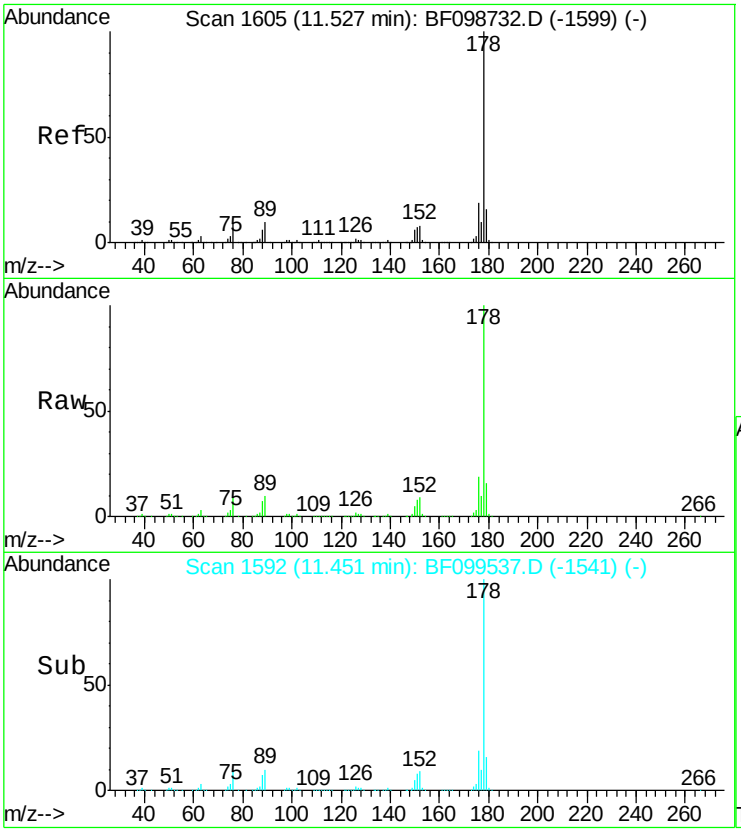


#70
Phenanthrene
Concen: 43.18 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:178 Resp: 768879

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6



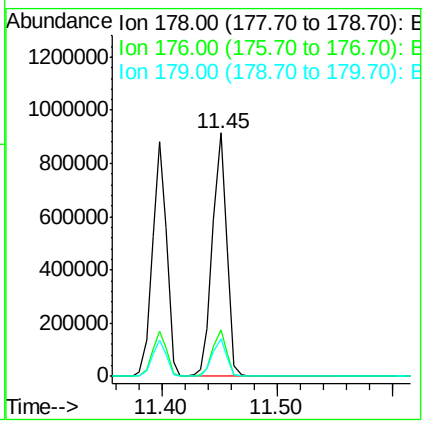


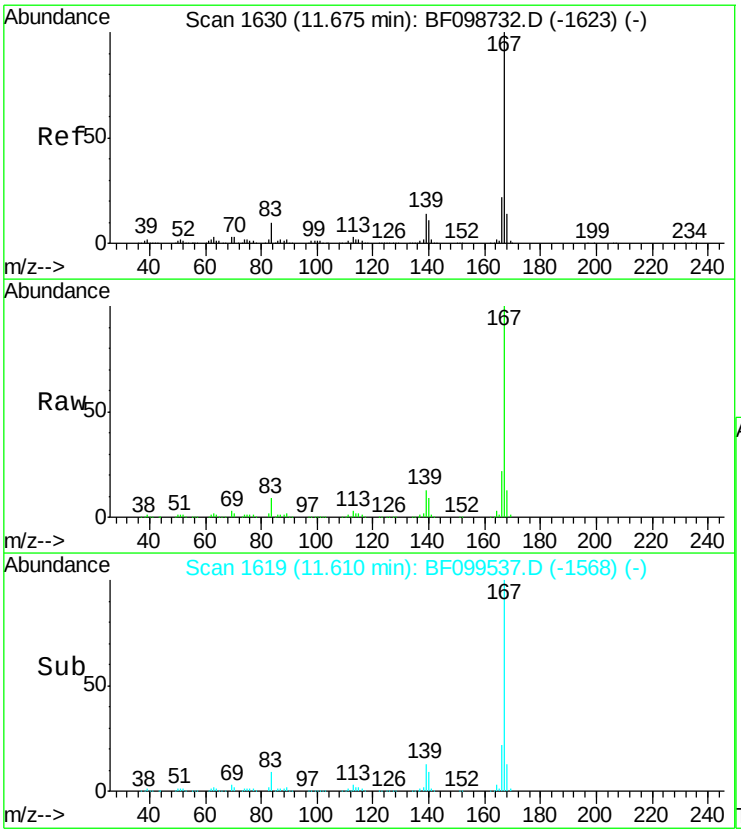
#71
Anthracene
Concen: 43.24 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 787837

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.6	19.0

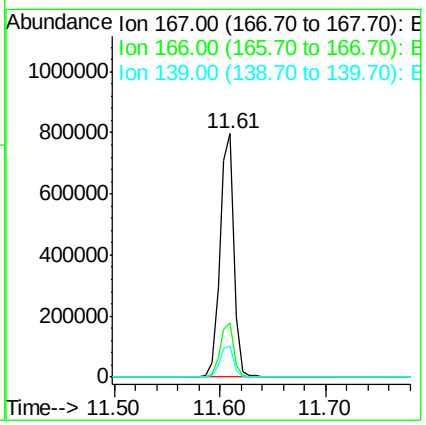


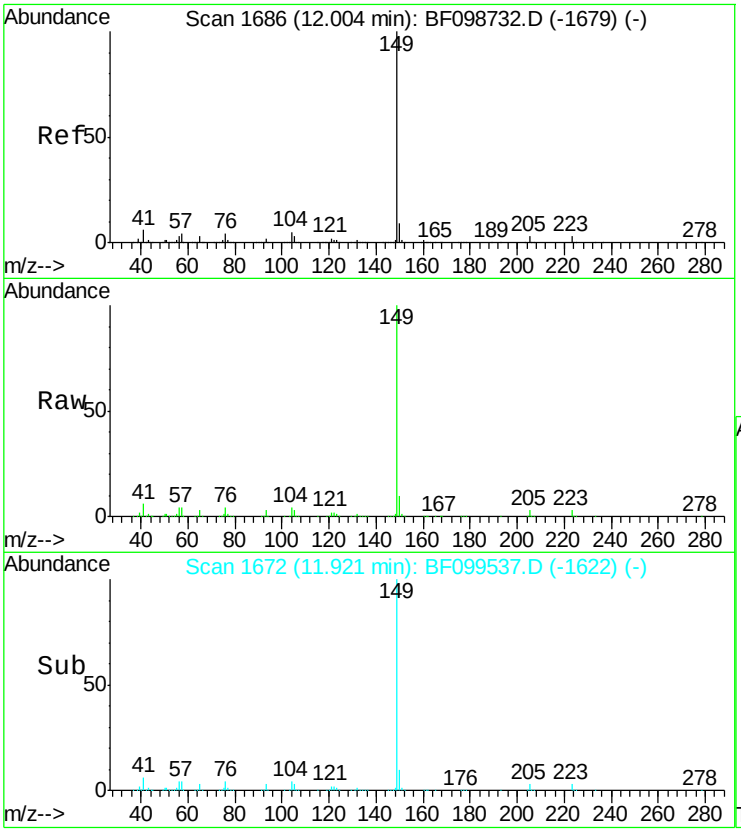


#72
Carbazole
Concen: 41.30 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:167 Resp: 736889

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.8	10.9	16.3



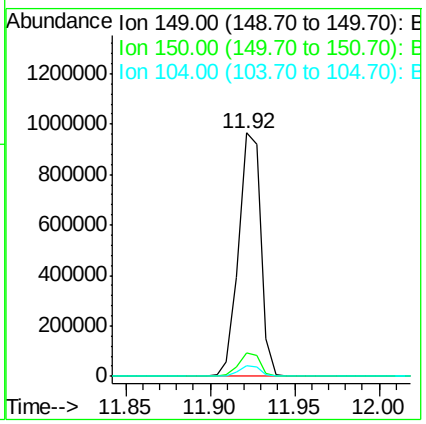


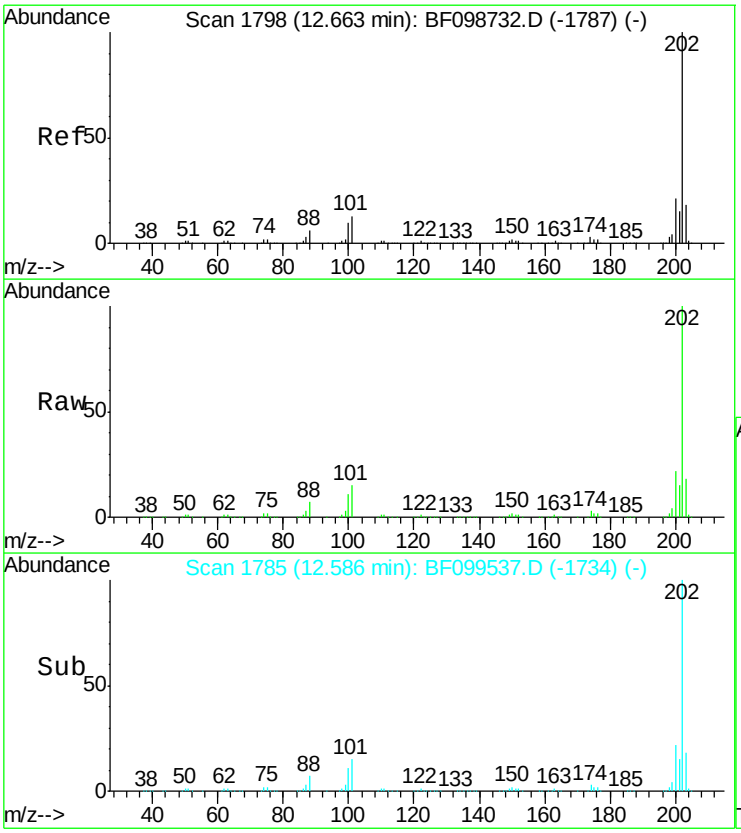
#73
Di-n-butylphthalate
Concen: 41.02 ng
RT: 11.92 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 880990

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.5	3.8	5.8

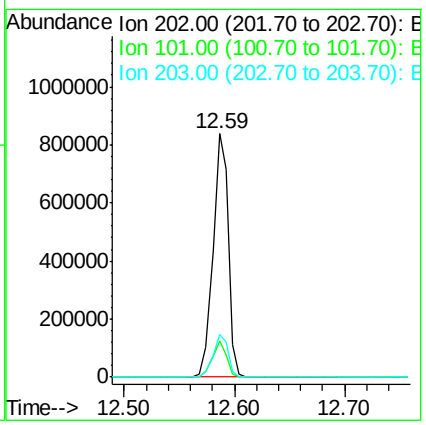


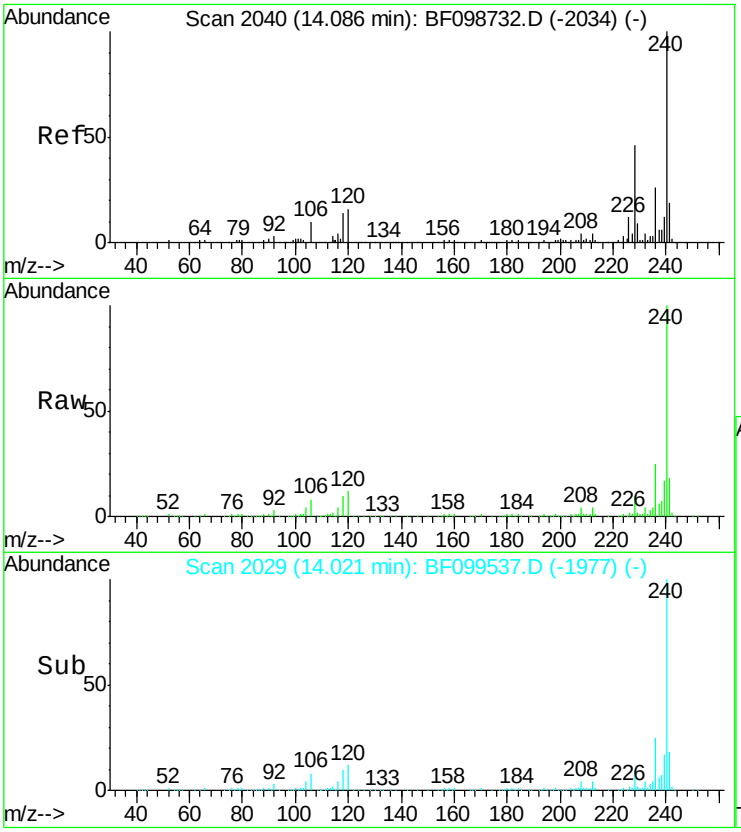


#74
Fluoranthene
Concen: 43.79 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:202 Resp: 789641

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.1
203	17.6	0.0	38.1



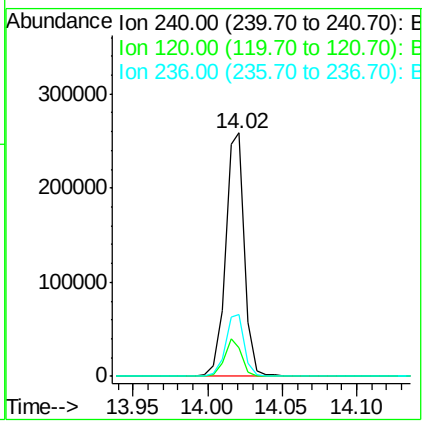


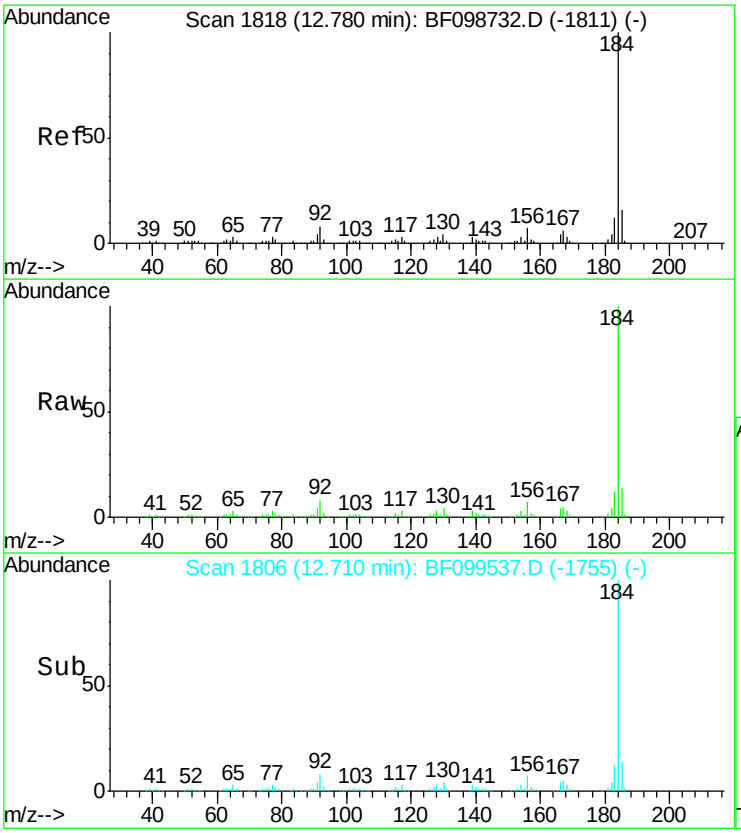
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 231657

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.3	20.7	31.1

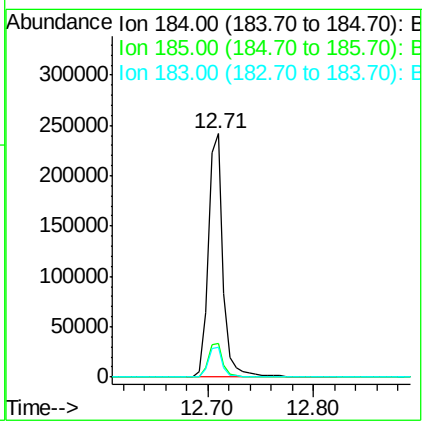


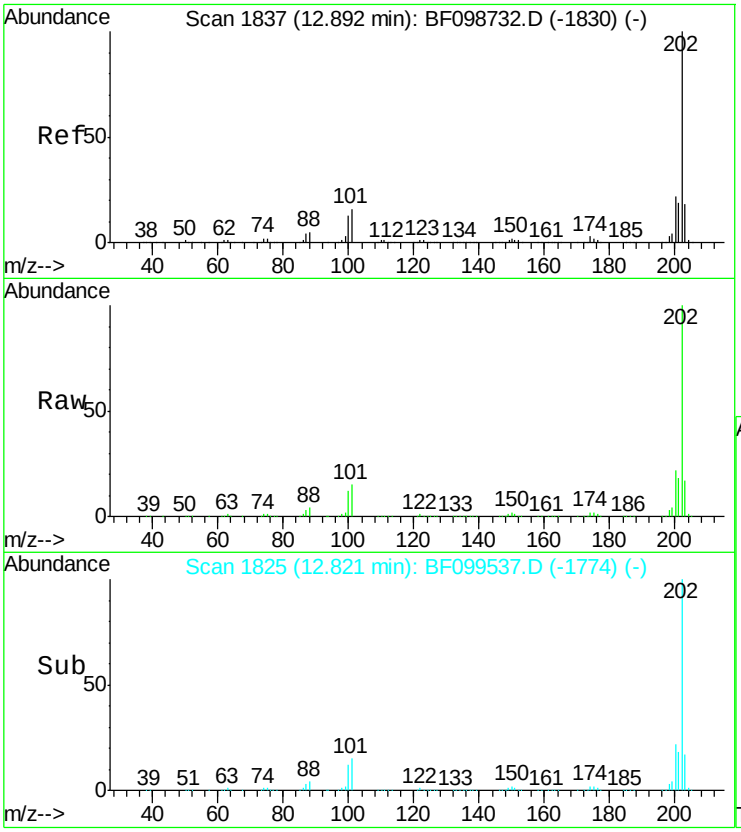


#76
Benzidine
Concen: 27.64 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:184 Resp: 236795

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	12.2	9.3	13.9



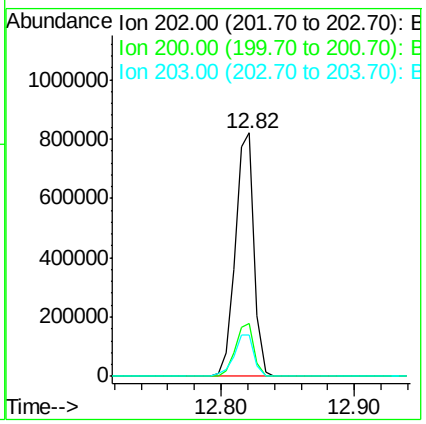


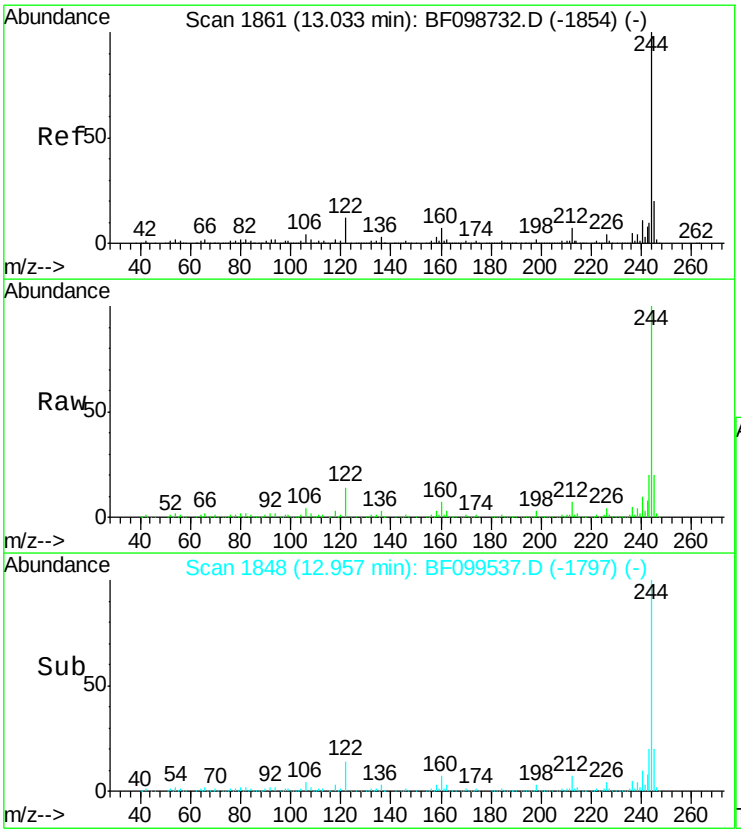
#77
Pyrene
Concen: 45.51 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 803863

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.2	14.3	21.5

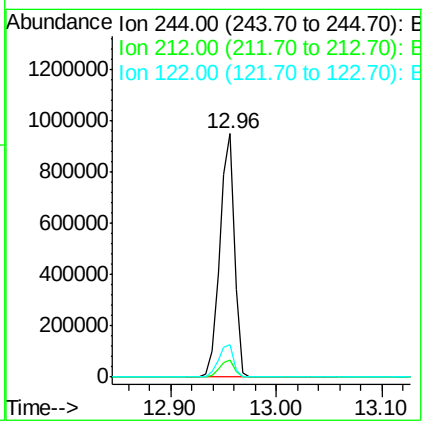


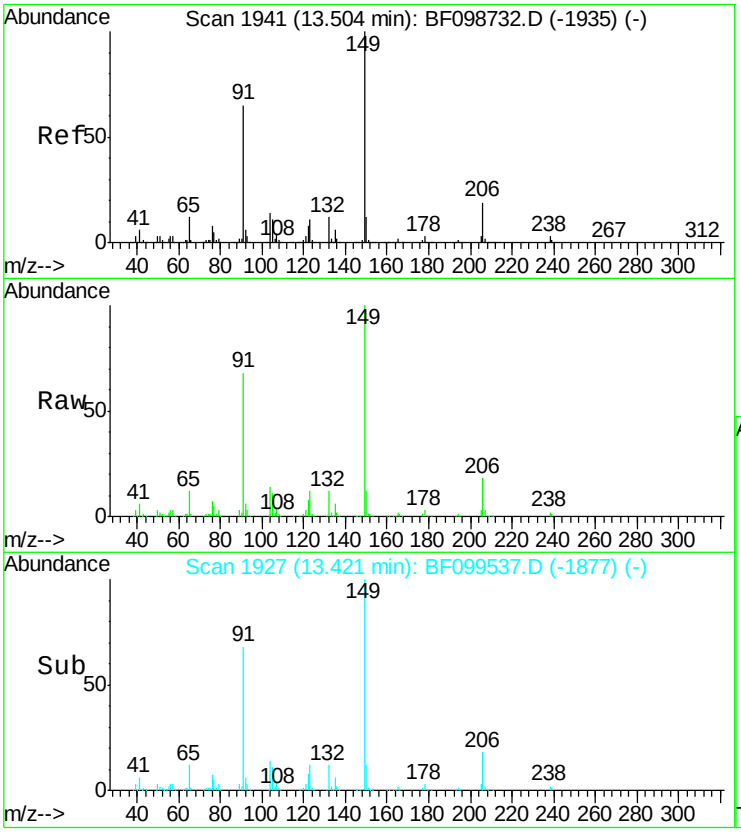


#78
Terphenyl-d14
Concen: 91.20 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:244 Resp: 928978

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.5	11.0	16.4



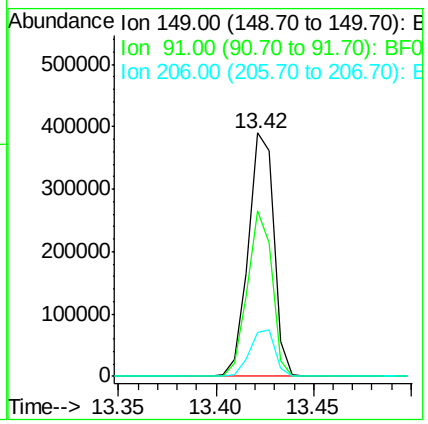


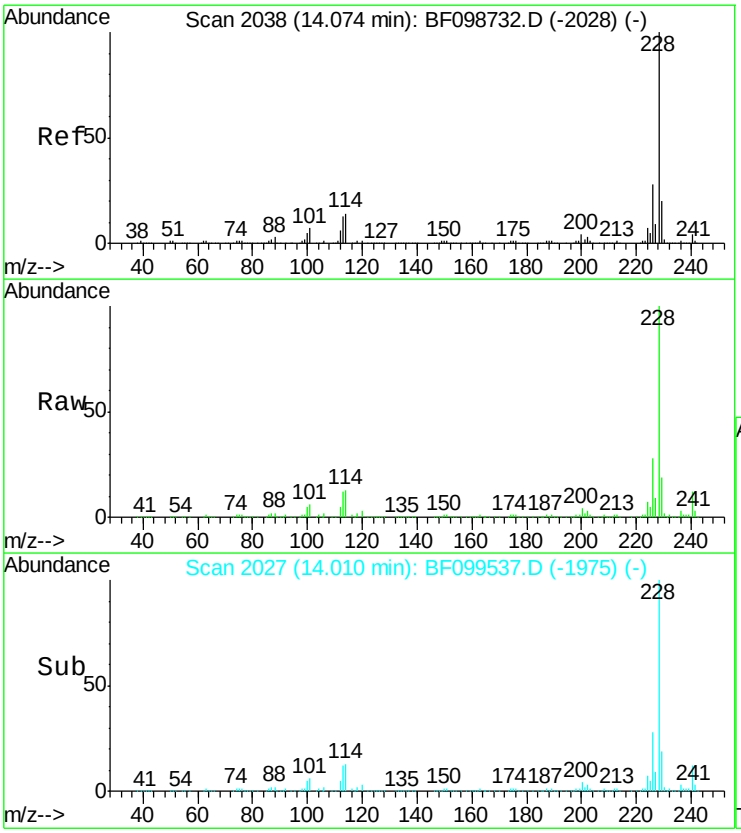
#79
Butylbenzylphthalate
Concen: 42.76 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 354997

Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.8	85.2
206	17.8	14.1	21.1

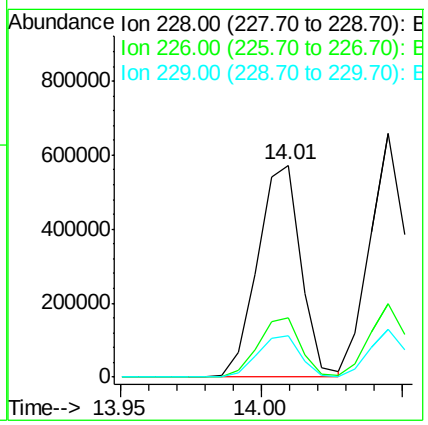


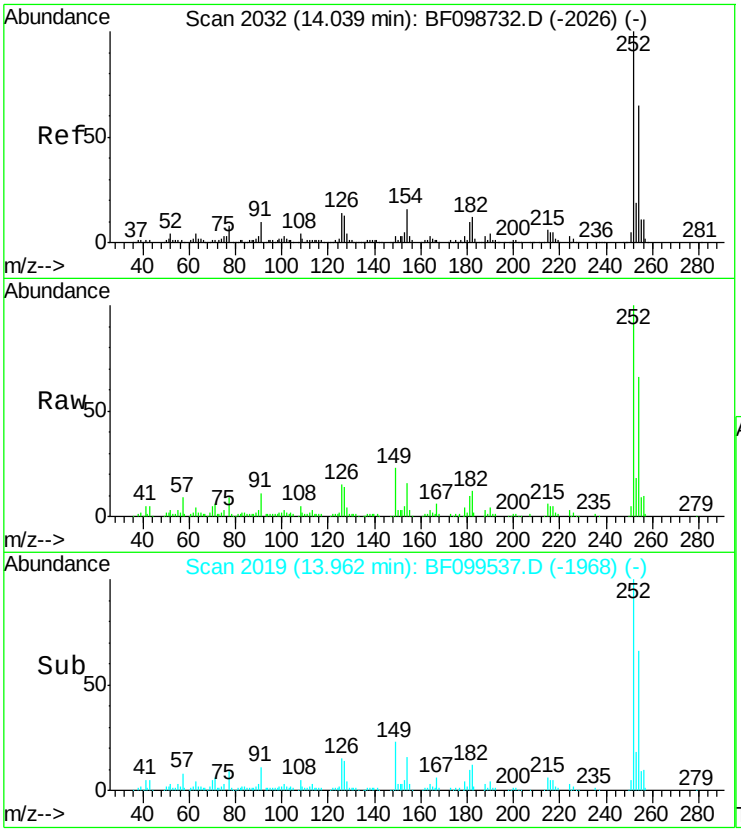


#80
Benzo(a)anthracene
Concen: 43.45 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:228 Resp: 609507

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.5	15.8	23.6



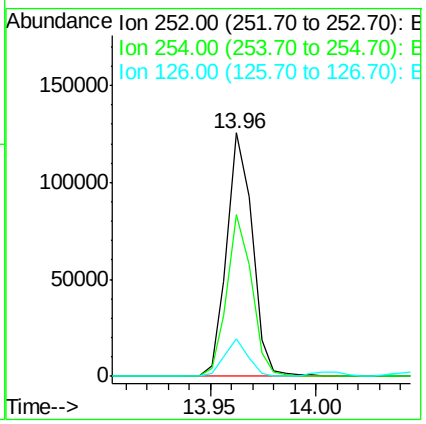


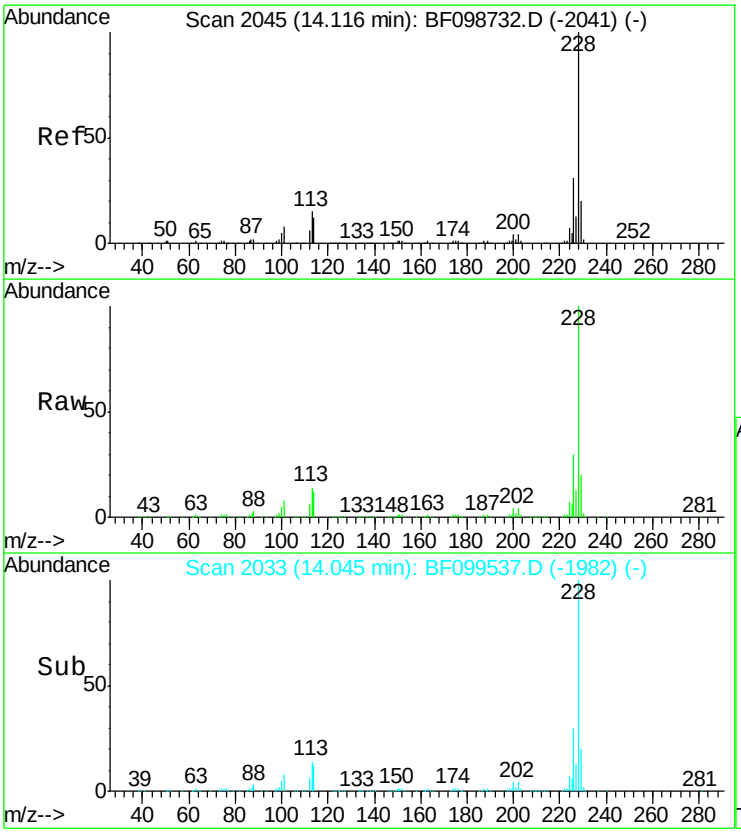
#81
3,3'-Dichlorobenzidine
Concen: 20.44 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 105127

Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.4	75.6
126	15.3	11.3	16.9

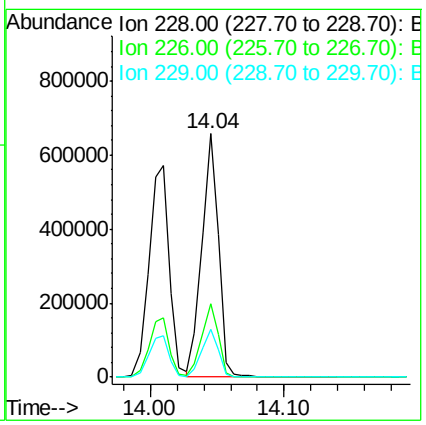


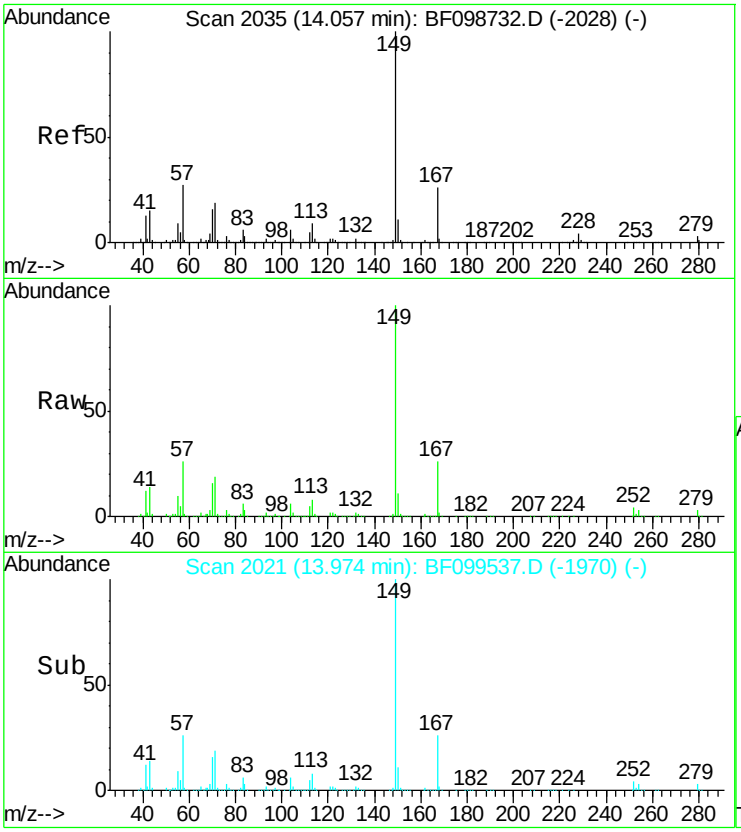


#82
Chrysene
Concen: 42.73 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:228 Resp: 570655

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.8	16.2	24.4



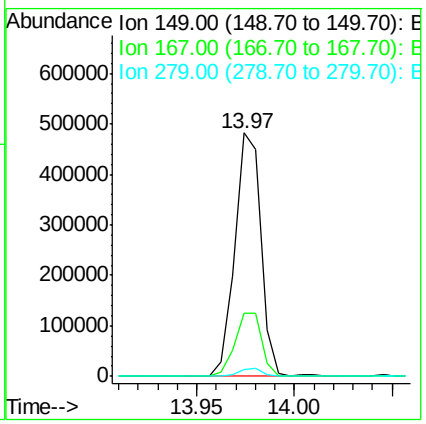


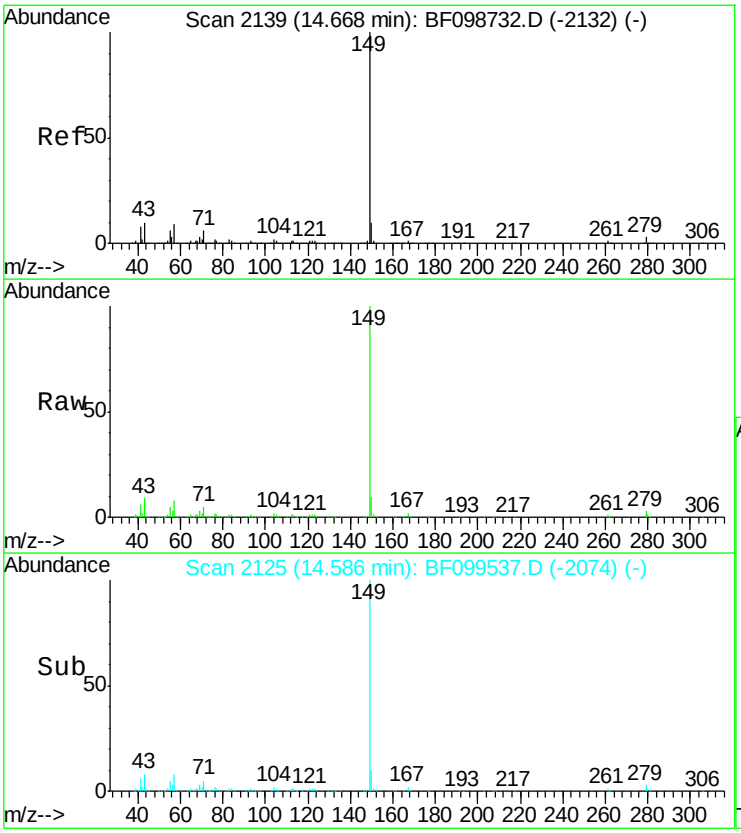
#83
Bis(2-ethylhexyl)phthalate
Concen: 39.06 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 446554

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	2.8	3.0	4.4#

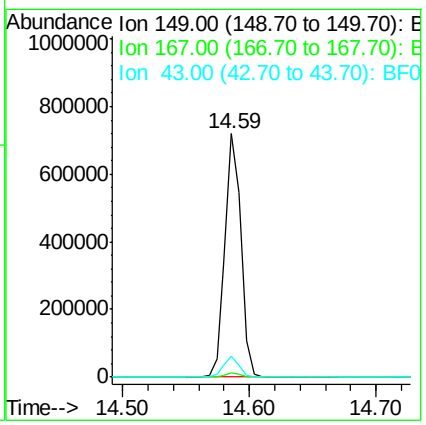


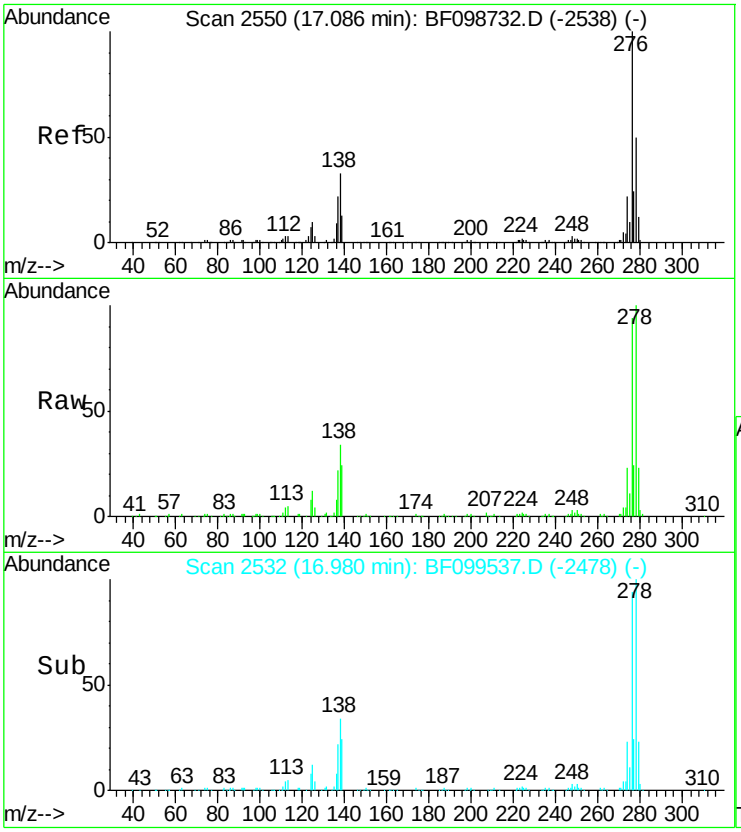


#84
Di-n-octyl phthalate
Concen: 34.29 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:149 Resp: 631234

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.1	8.4	12.6#



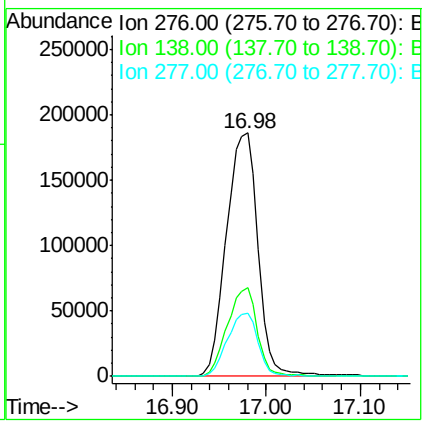


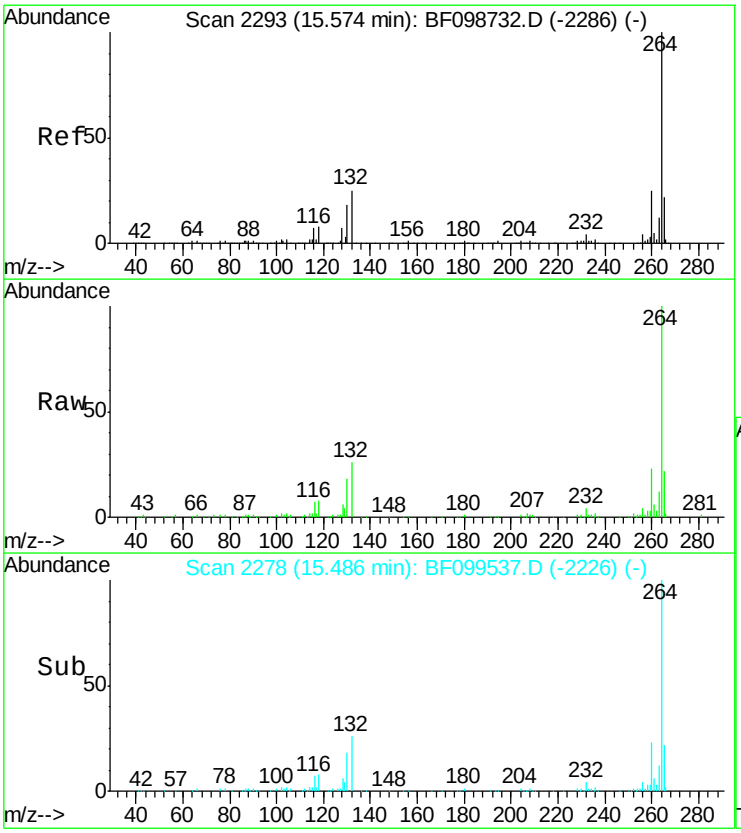
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.66 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 434351

Ion	Ratio	Lower	Upper
276	100		
138	35.0	25.0	37.6
277	25.2	20.1	30.1

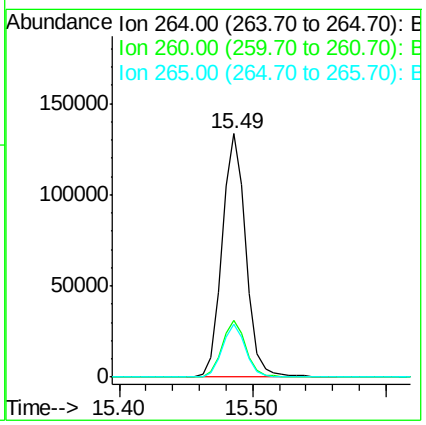


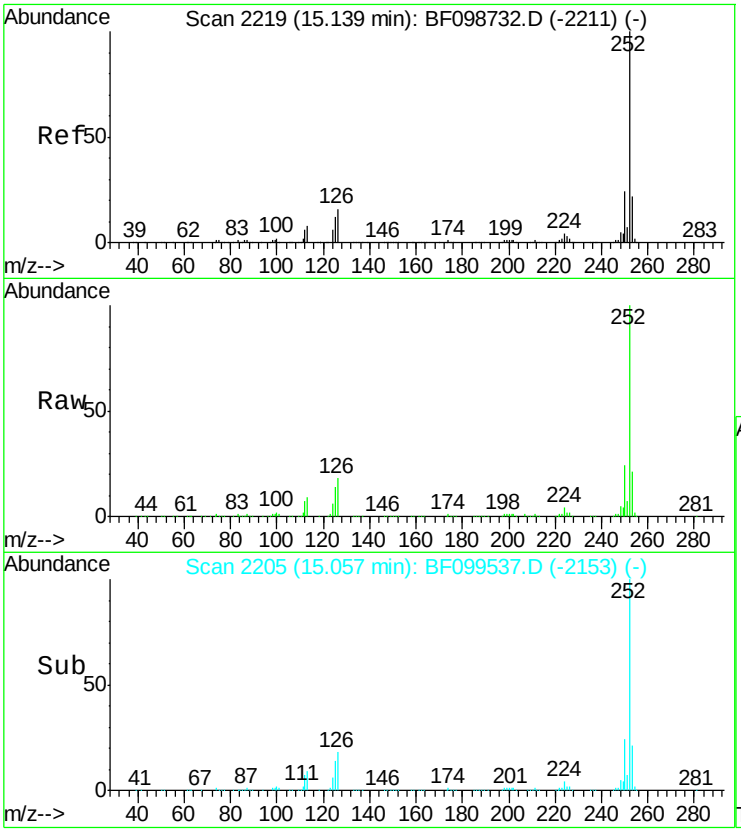


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:264 Resp: 167336

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.8	17.5	26.3



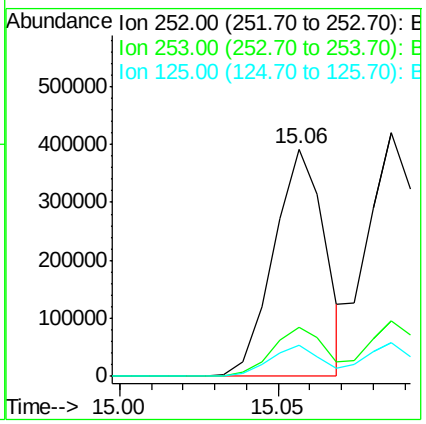


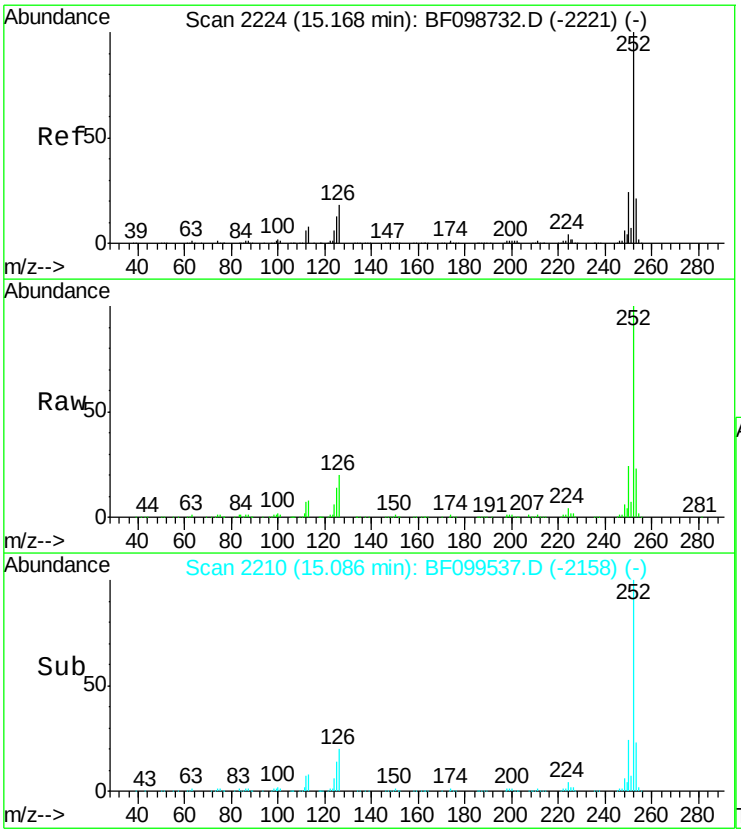
#87
Benzo(b)fluoranthene
Concen: 42.93 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 441733

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	13.5	9.0	13.6

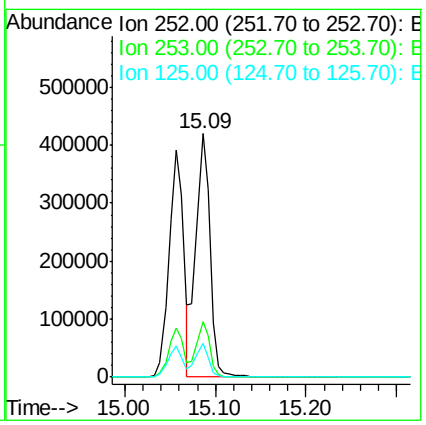


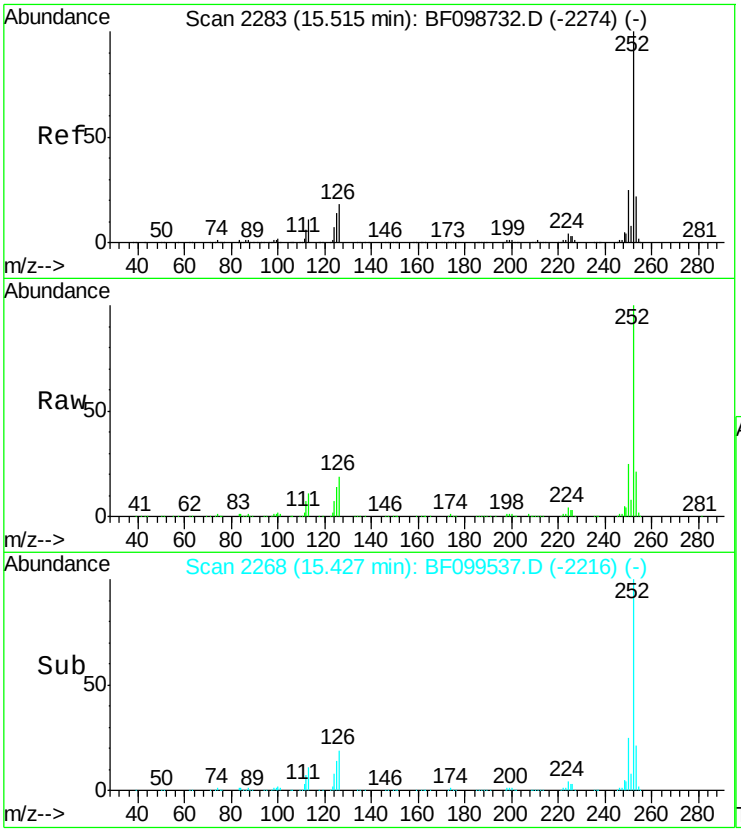


#88
Benzo(k)fluoranthene
Concen: 45.16 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:252 Resp: 458933

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	13.8	10.2	15.2



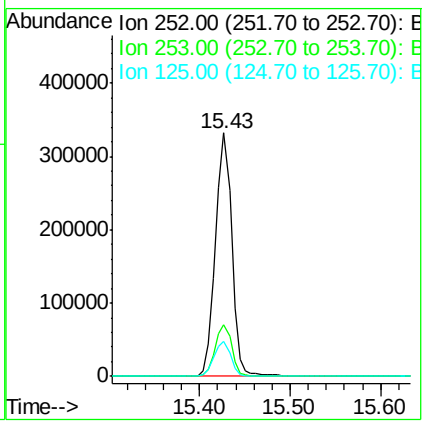


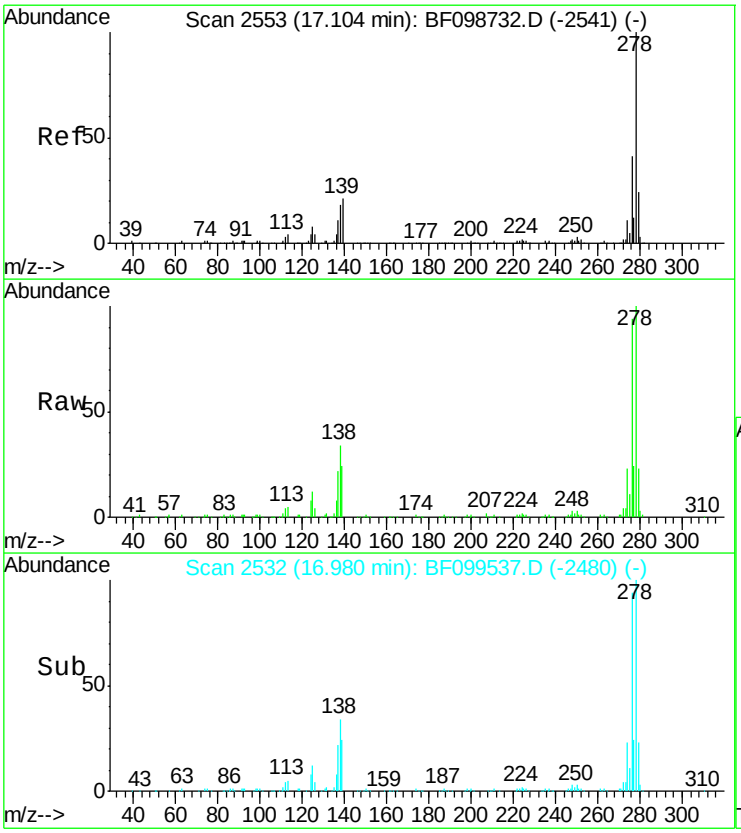
#89
Benzo(a)pyrene
Concen: 43.98 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 415398

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	14.4	9.8	14.6

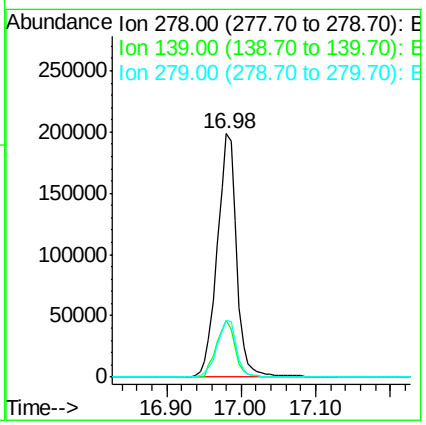


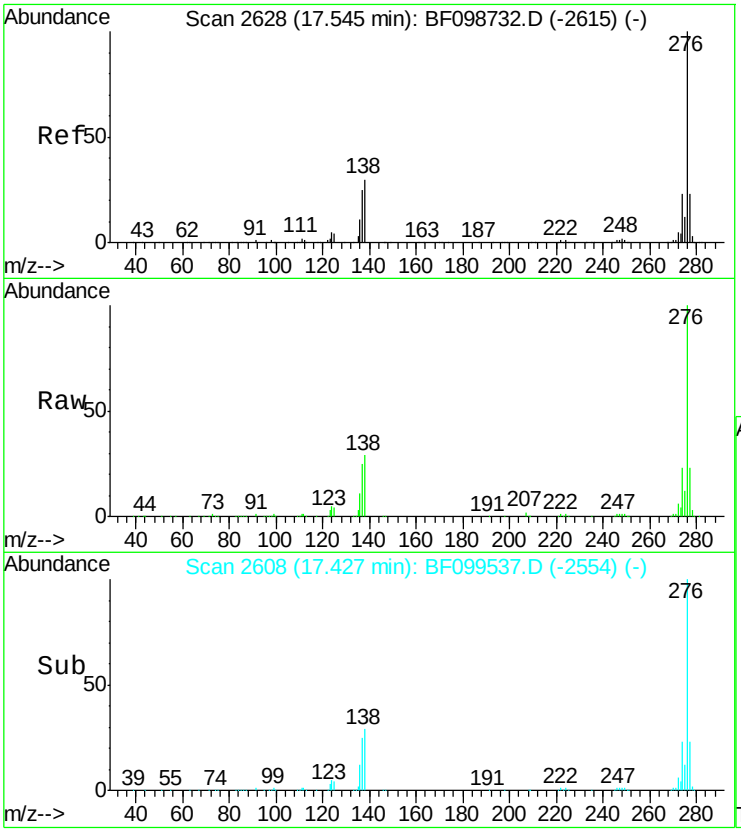


#90
Dibenzo(a,h)anthracene
Concen: 47.63 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Tgt Ion:278 Resp: 359985

Ion	Ratio	Lower	Upper
278	100		
139	23.5	15.9	23.9
279	23.5	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 51.42 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF099537.D
Acq: 16 Oct 2017 11:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 384187

Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	29.1	21.8	32.8