Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032917\
Data File : BF094055.D
Acq On : 30 Mar 2017 9:57
Operator : SJ/MA
Sample : I2382-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 30 11:45:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	153018	20.00	ng		-0.02
21) Naphthalene-d8	7.43	136	574693	20.00	ng		-0.02
38) Acenaphthene-d10	9.58	164	209075	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	233082	20.00	ng		0.00
75) Chrysene-d12	14.76	240	88687	20.00	ng		0.08
86) Perylene-d12	16.41	264	66327	20.00	ng		0.10
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	1243310	137.24	ng		0.00
7) Phenol-d6	5.56	99	1558644	139.07	ng		0.00
23) Nitrobenzene-d5	6.57	82	515083	51.15	ng		-0.03
41) 2,4,6-Tribromophenol	10.56	330	142019	85.96	ng		-0.01
44) 2-Fluorobiphenyl	8.76	172	1516785	110.65	ng		-0.02
78) Terphenyl-d14	13.44	244	397602	100.49	ng		0.04
Target Compounds							Qvalue
15) Benzyl Alcohol	6.11	79	16423	2.00	ng	#	42
18) Hexachloroethane	6.55	117	11632	2.93	ng	#	30
19) n-Nitroso-di-n-propylamine	6.57	70	68138	9.46	ng	#	73
49) Dimethylphthalate	9.25	163	85141	5.73	ng	#	93
50) 2,6-Dinitrotoluene	9.35	165	7449	2.19	ng	#	51
51) Acenaphthene	9.62	154	155955	12.18	ng		99
52) 3-Nitroaniline	9.52	138	13133	3.28	ng	#	15
53) 2,4-Dinitrophenol	9.83	184	1881	5.63	ng	#	1
57) Fluorene	10.26	166	60298	4.17	ng	#	73
61) 4-Nitroaniline	10.10	138	16959	4.42	ng		97
65) n-Nitrosodiphenylamine	10.42	169	62436	7.75	ng	#	43
68) Atrazine	11.09	200	6150	2.55	ng	#	1
70) Phenanthrene	11.45	178	206117	15.90	ng	#	90
73) Di-n-butylphthalate	12.12	149	57412	4.03	ng	#	30
74) Fluoranthene	12.96	202	51759	3.90	ng	#	24
80) Benzo(a)anthracene	14.76	228	20498	3.96	ng	#	1
82) Chrysene	14.78	228	14494	3.02	ng	#	1
87) Benzo(b)fluoranthene	15.99	252	14860	3.66	ng	#	1
91) Benzo(g,h,i)perylene	18.19	276	8789	2.75	ng	#	1

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

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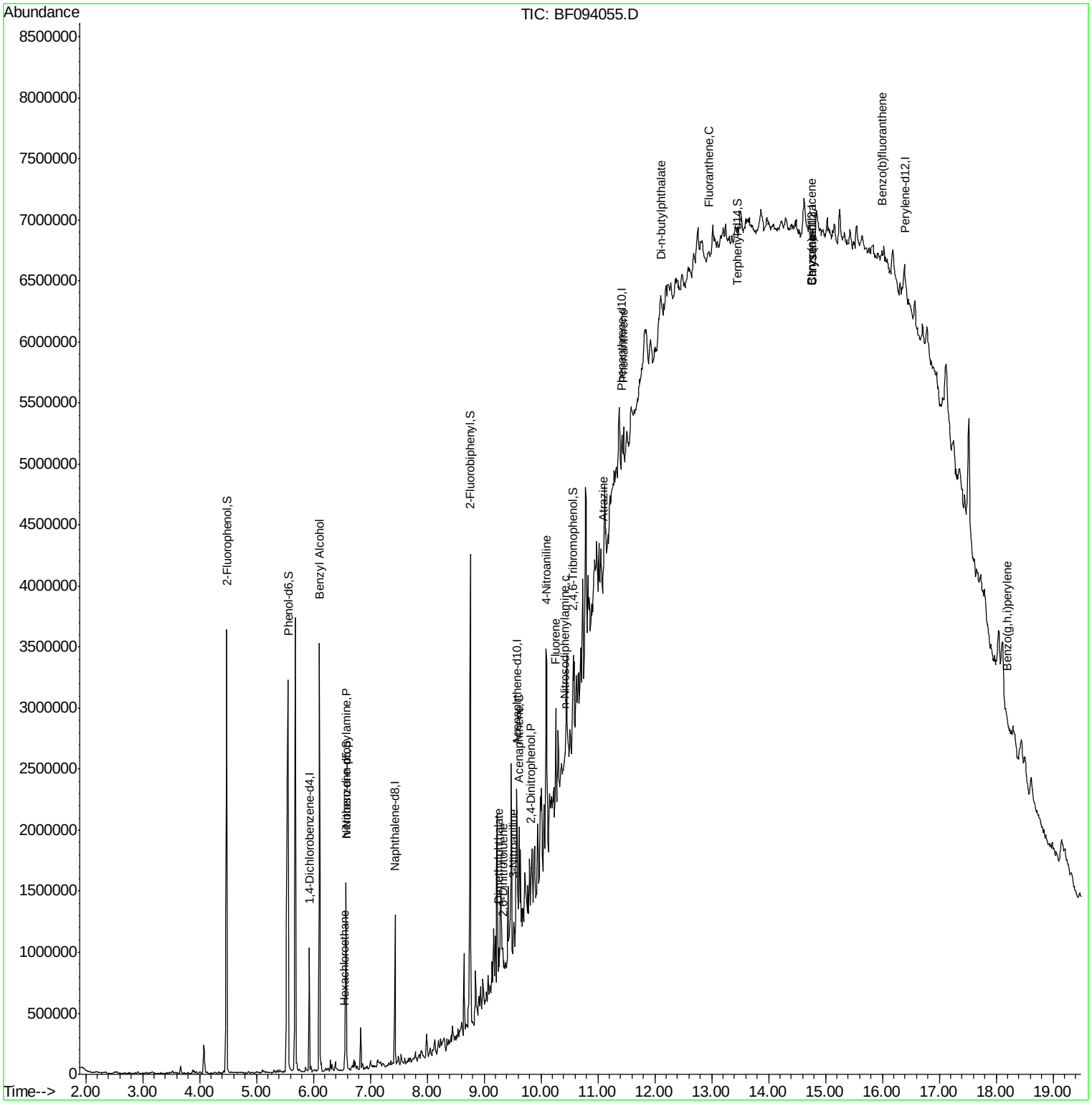
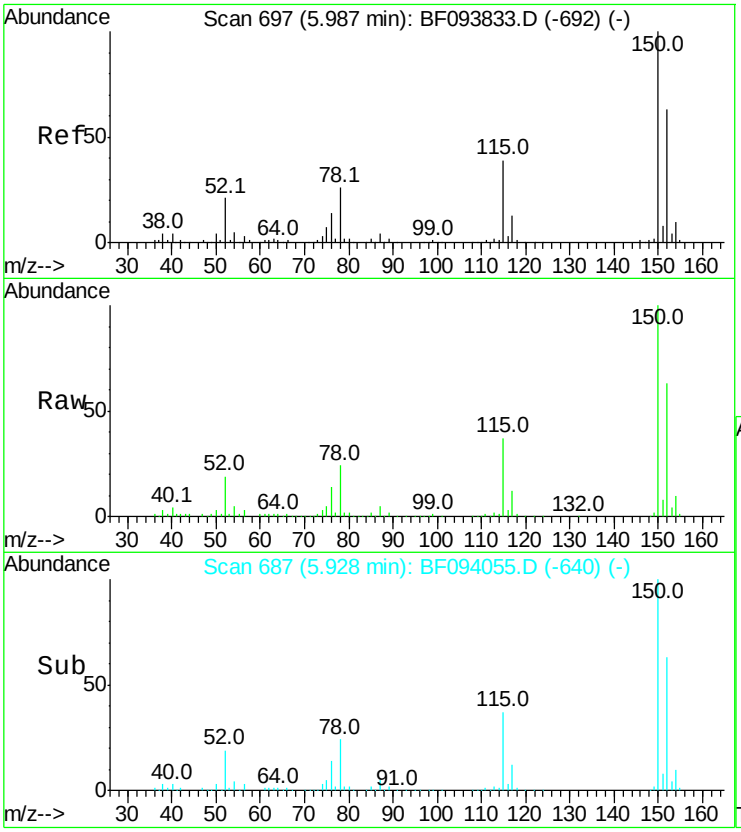


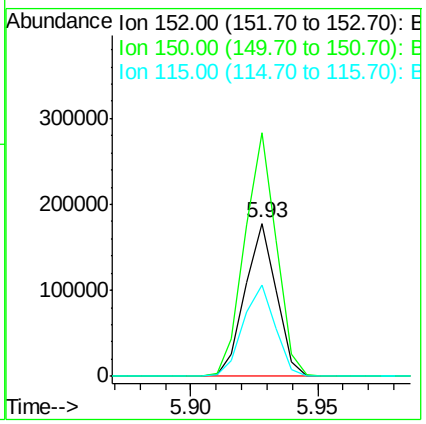


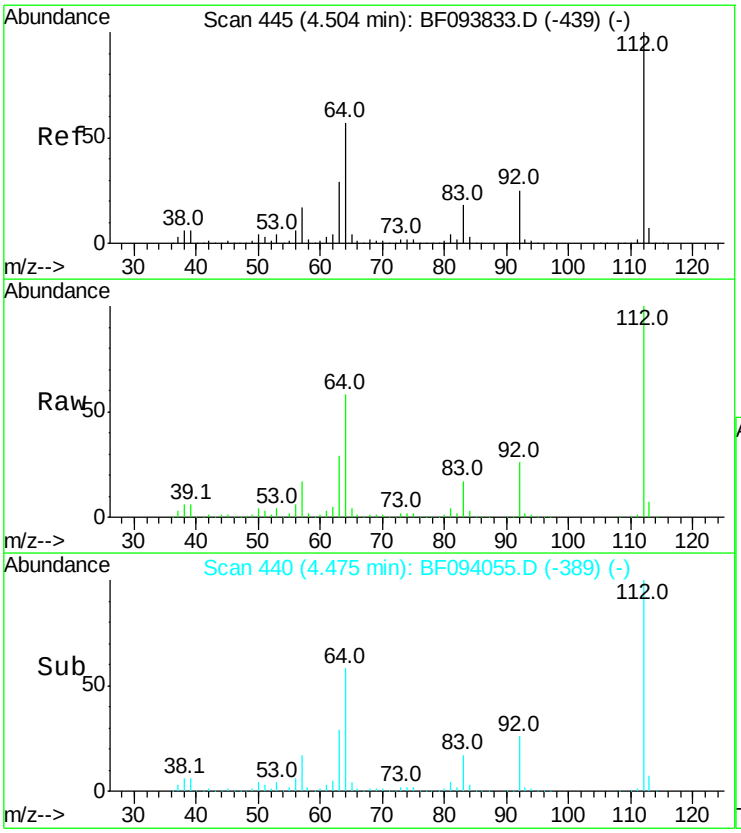
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 153018

Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.2	189.2
115	59.6	52.2	78.2

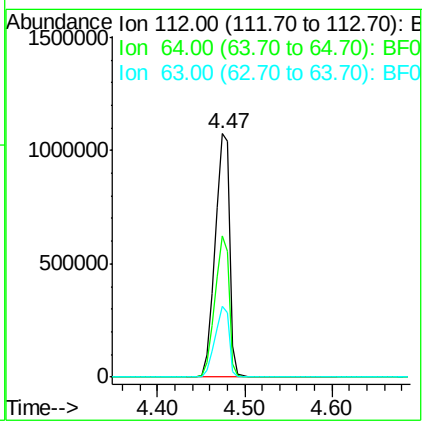


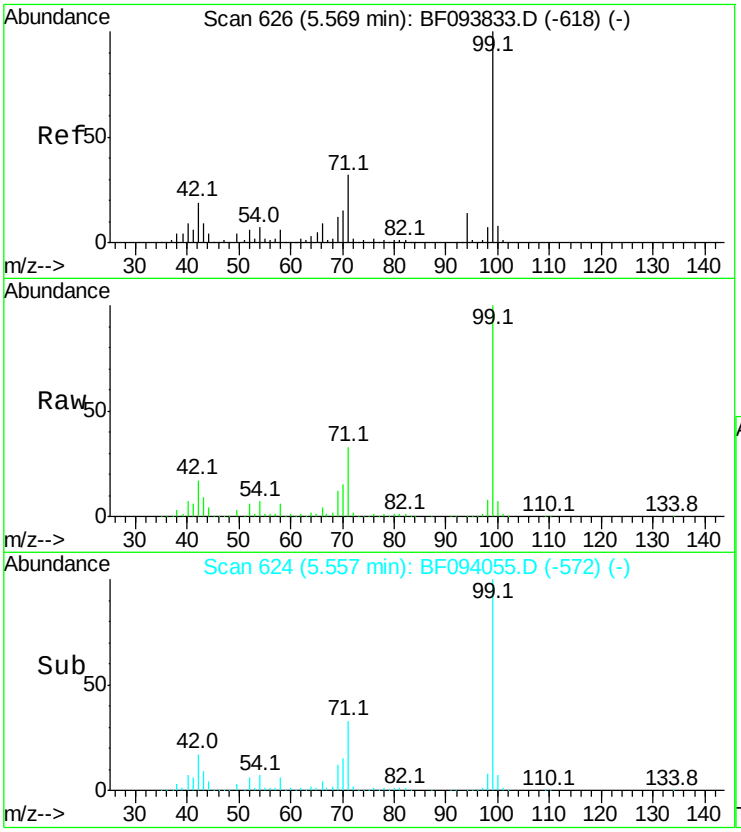


#5
2-Fluorophenol
Concen: 137.24 ng
RT: 4.47 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:112 Resp: 1243310

Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.0	69.0
63	29.1	23.4	35.0



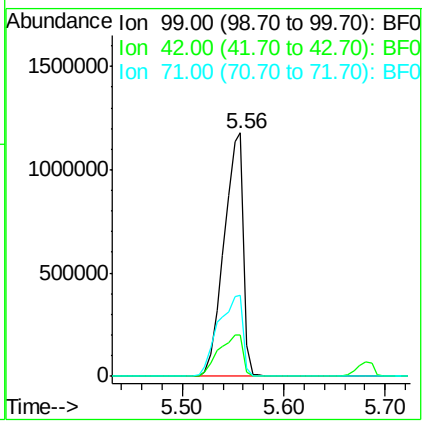


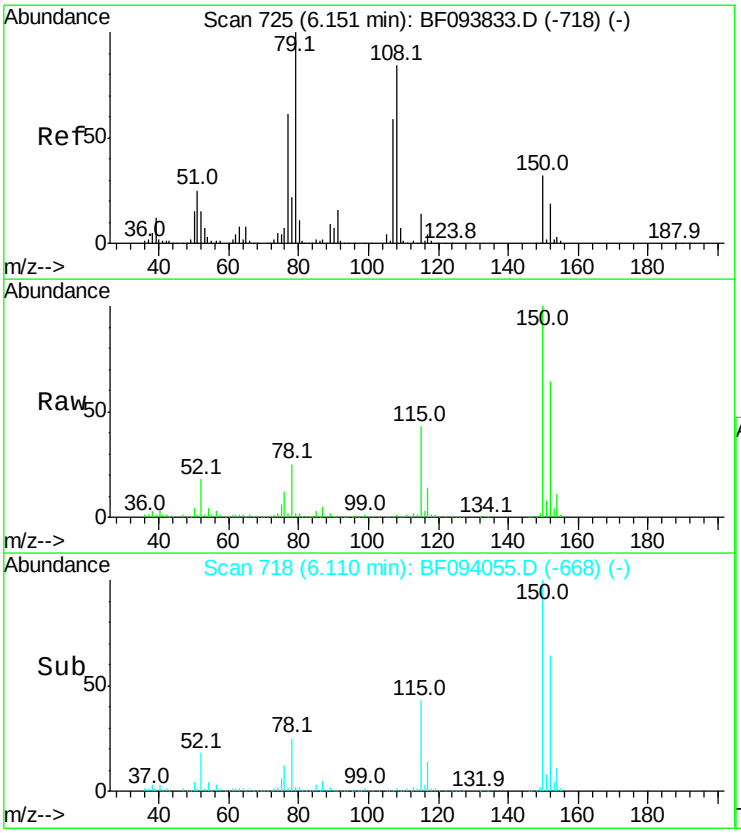
#7
Phenol-d6
Concen: 139.07 ng
RT: 5.56 min Scan# 624
Delta R.T. 0.01 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1558644

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	33.3	24.5	36.7

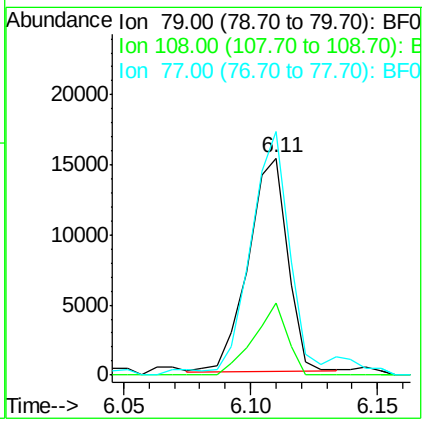


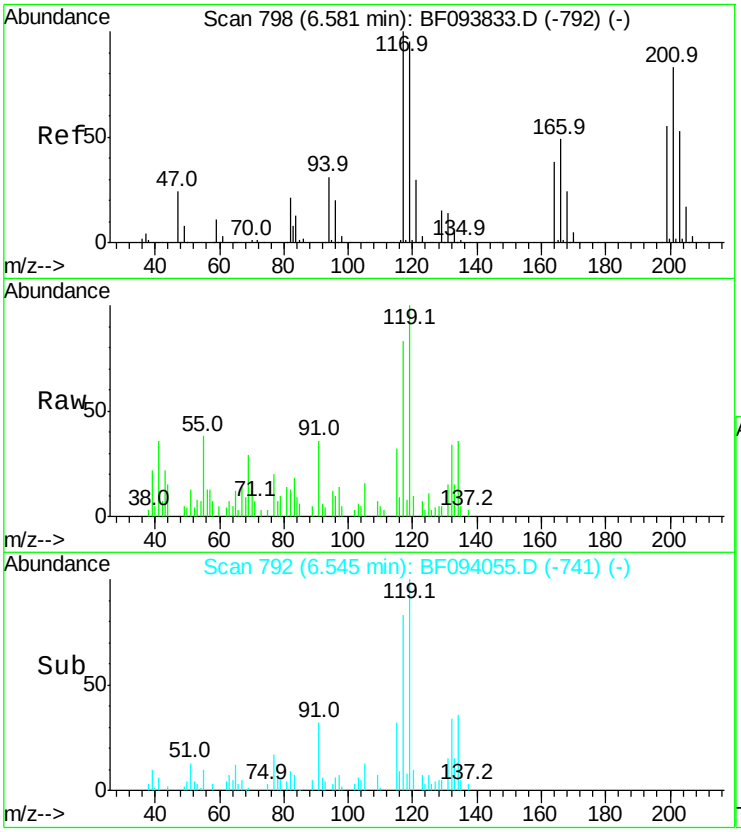


#15
Benzyl Alcohol
Concen: 2.00 ng
RT: 6.11 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion: 79 Resp: 16423

Ion	Ratio	Lower	Upper
79	100		
108	33.5	63.4	95.0#
77	112.3	49.2	73.8#



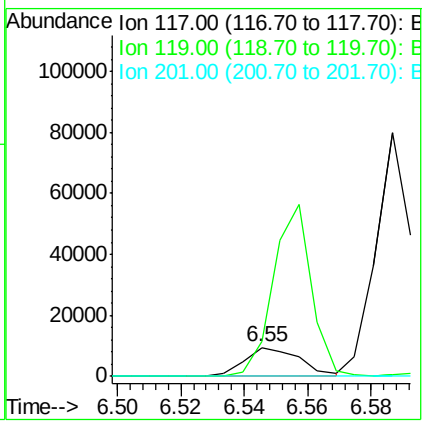


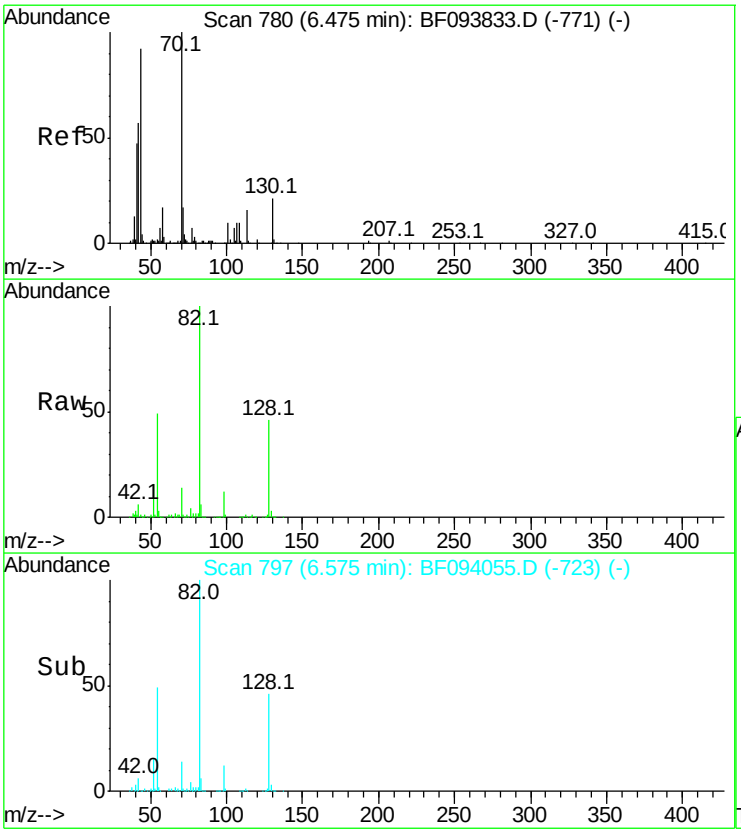
#18
Hexachloroethane
Concen: 2.93 ng
RT: 6.55 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 11632

Ion	Ratio	Lower	Upper
117	100		
119	120.8	77.4	116.0#
201	0.0	94.6	141.8#

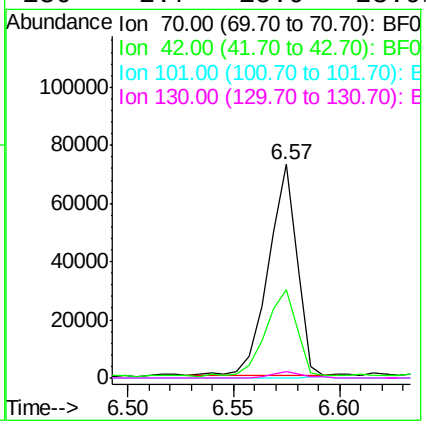


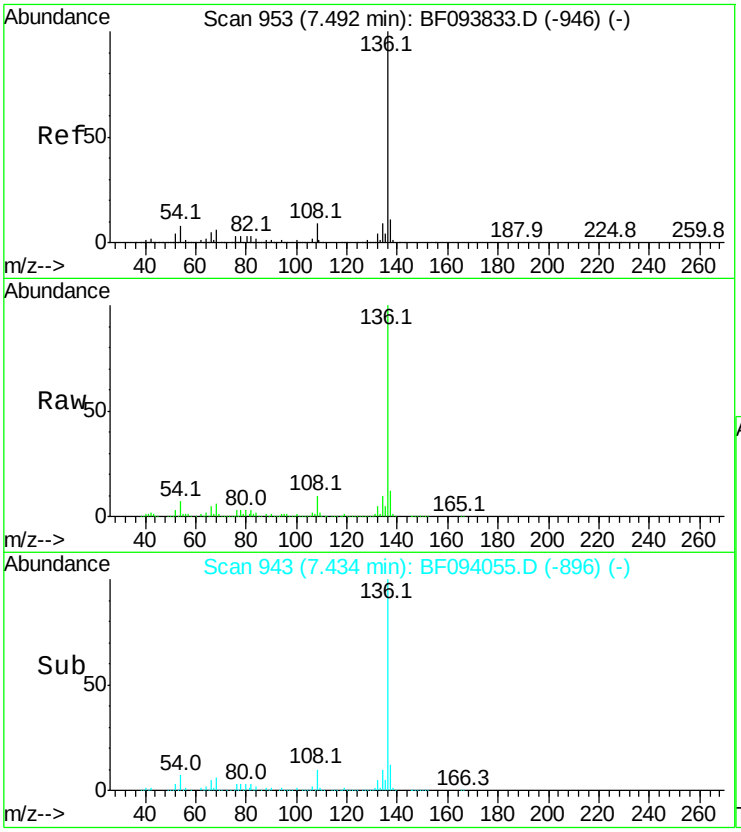


#19
n-Nitroso-di-n-propylamine
Concen: 9.46 ng
RT: 6.57 min Scan# 797
Delta R.T. 0.14 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion: 70 Resp: 68138

Ion	Ratio	Lower	Upper
70	100		
42	41.3	47.2	70.8#
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#



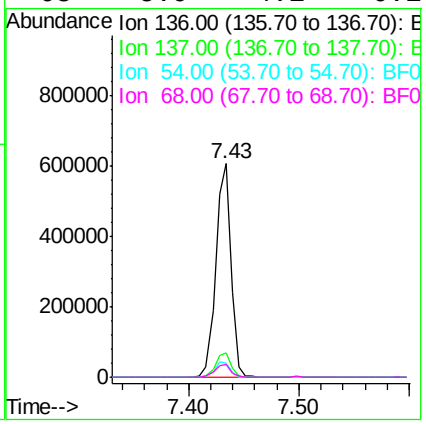


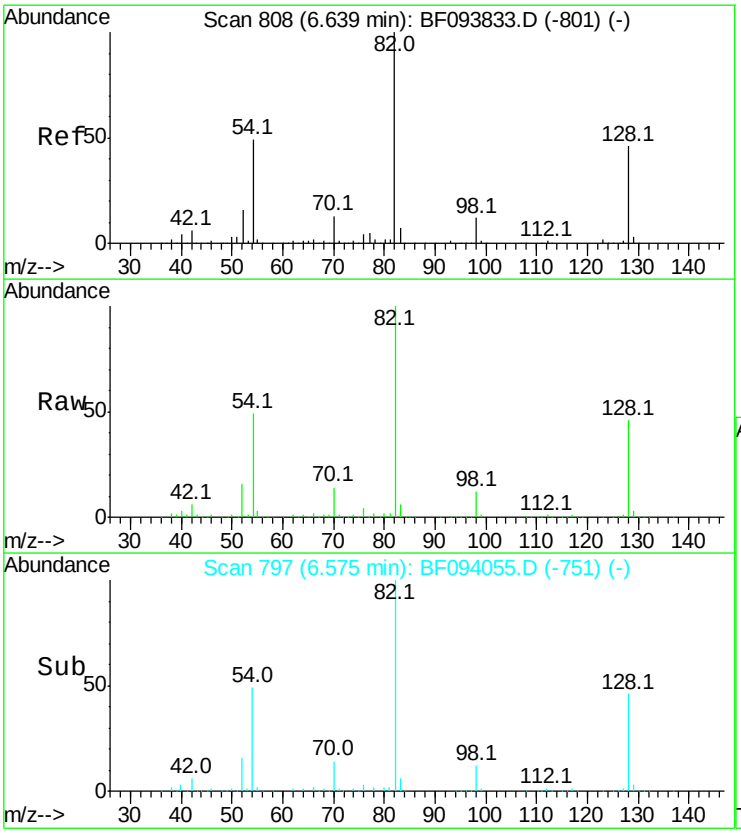
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 574693

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	6.8	4.9	7.3
68	5.9	4.1	6.1

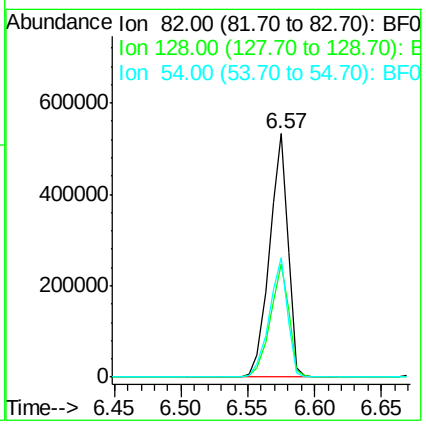


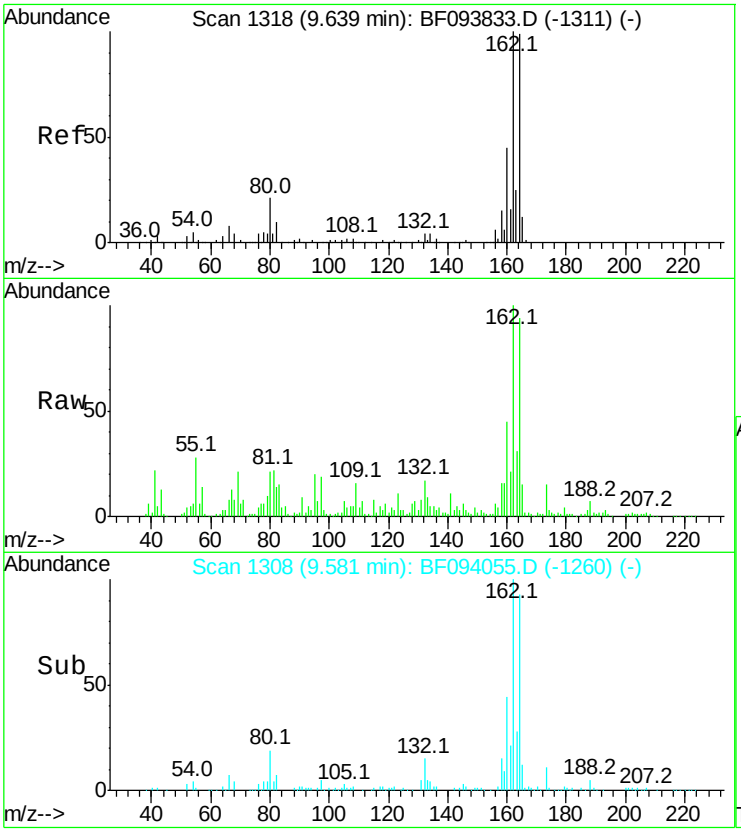


#23
Nitrobenzene-d5
Concen: 51.15 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion: 82 Resp: 515083

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	48.9	42.2	63.2



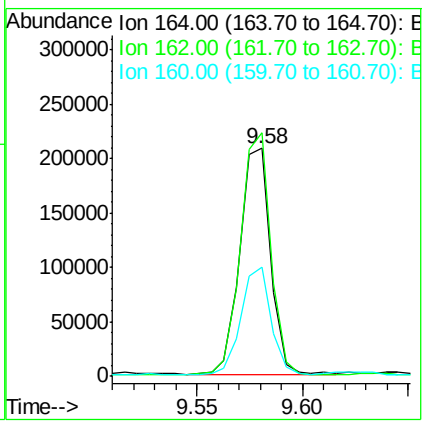


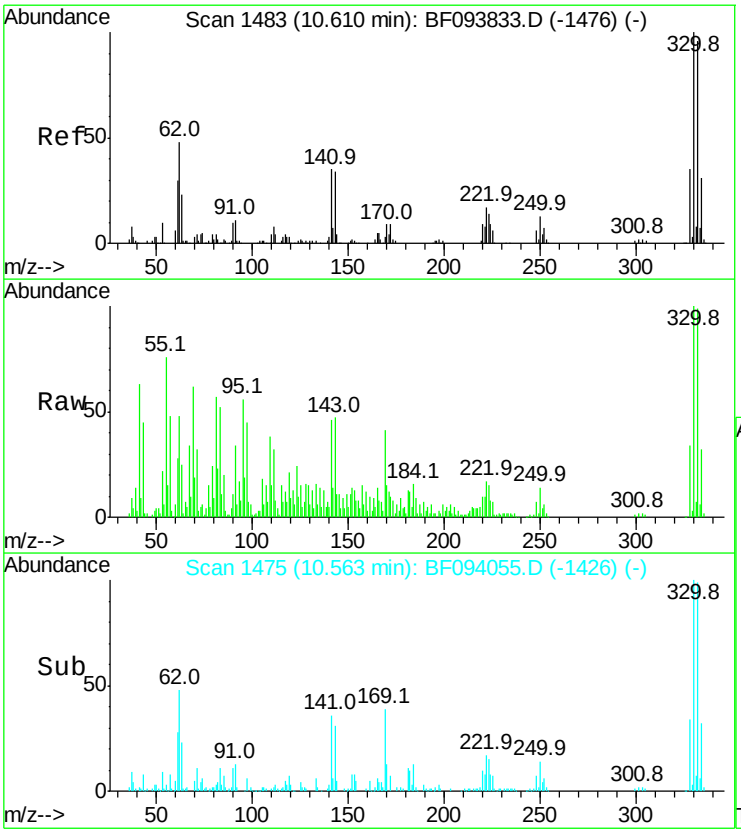
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 209075

Ion	Ratio	Lower	Upper
164	100		
162	106.7	82.6	123.8
160	47.8	36.2	54.2

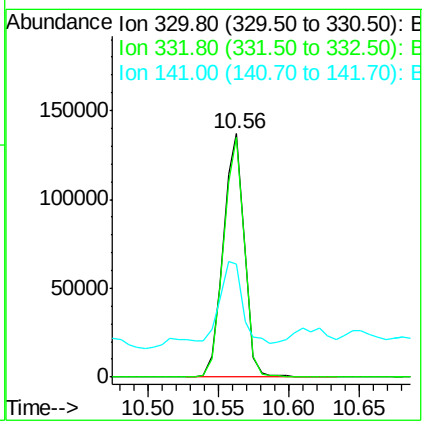


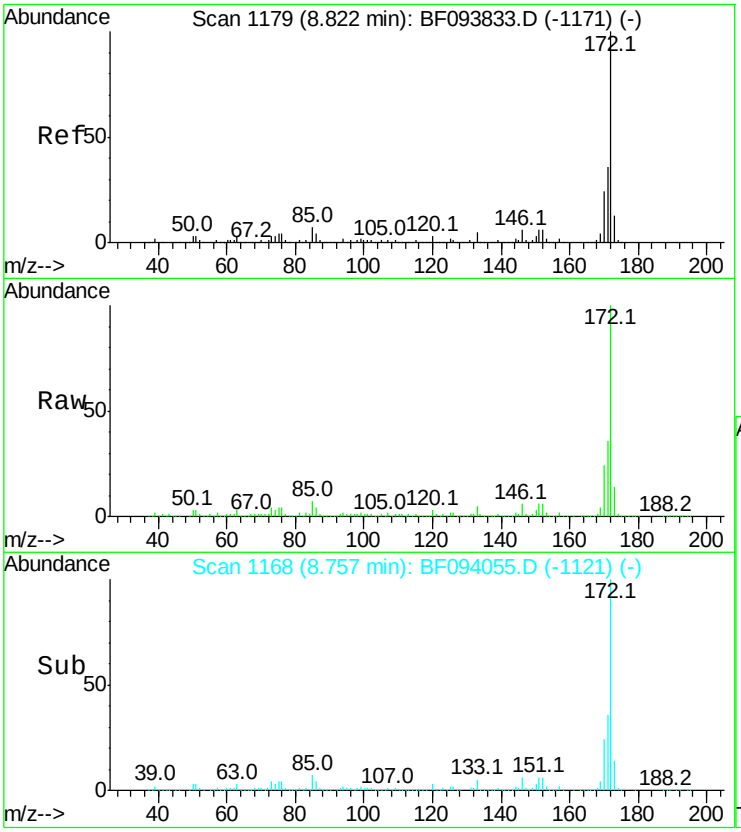


#41
2,4,6-Tribromophenol
Concen: 85.96 ng
RT: 10.56 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:330 Resp: 142019

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	35.7	31.4	47.2



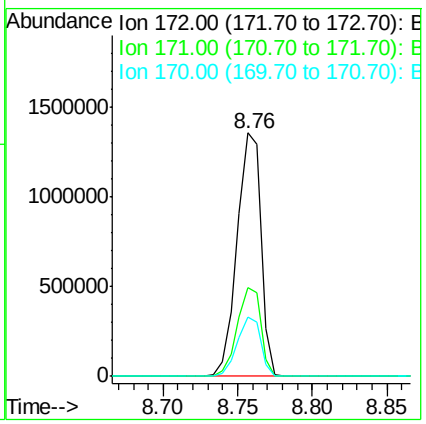


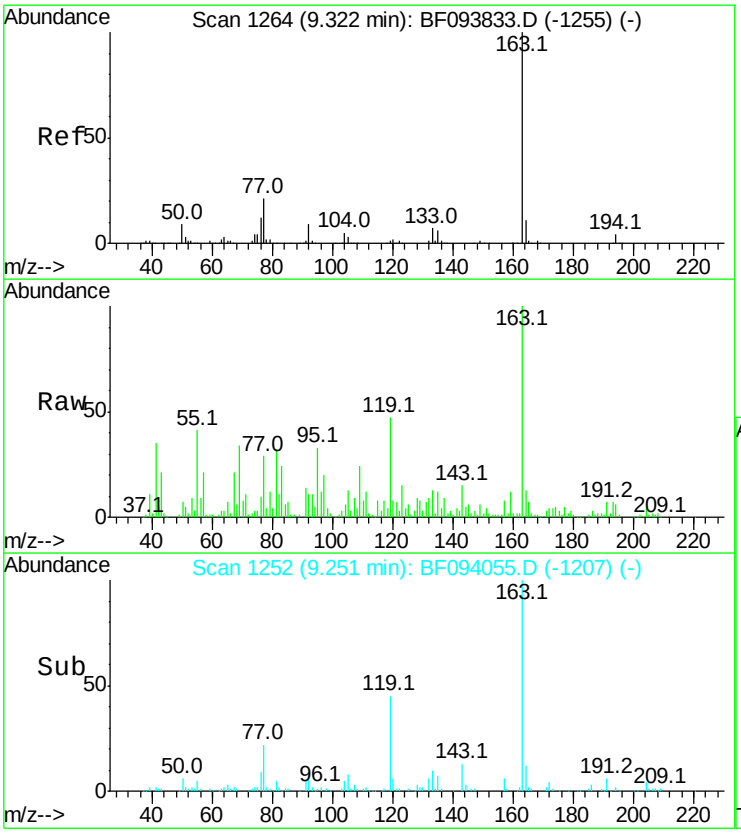
#44
2-Fluorobiphenyl
Concen: 110.65 ng
RT: 8.76 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1516785

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.4	19.8	29.8

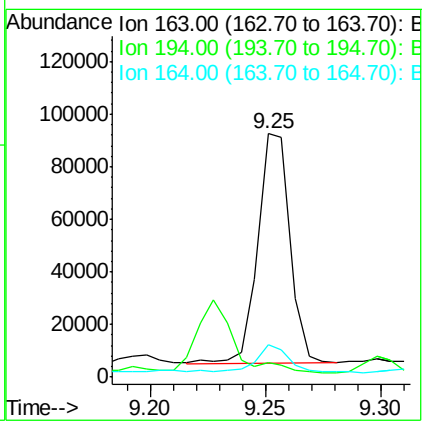


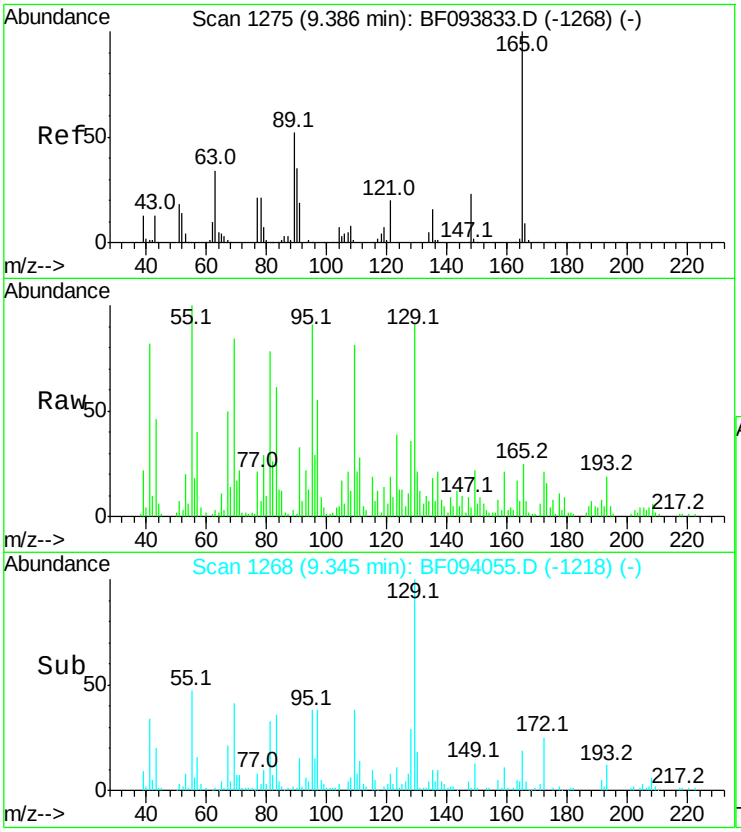


#49
Dimethylphthalate
Concen: 5.73 ng
RT: 9.25 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:163 Resp: 85141

Ion	Ratio	Lower	Upper
163	100		
194	5.7	2.6	4.0#
164	13.2	8.4	12.6#



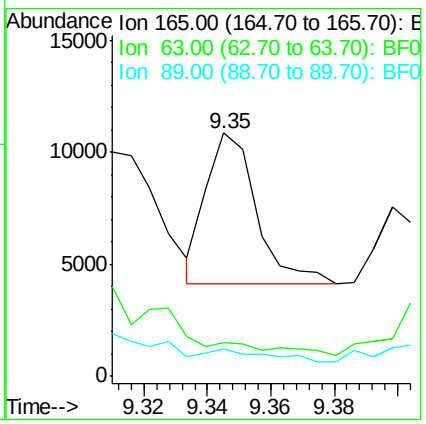


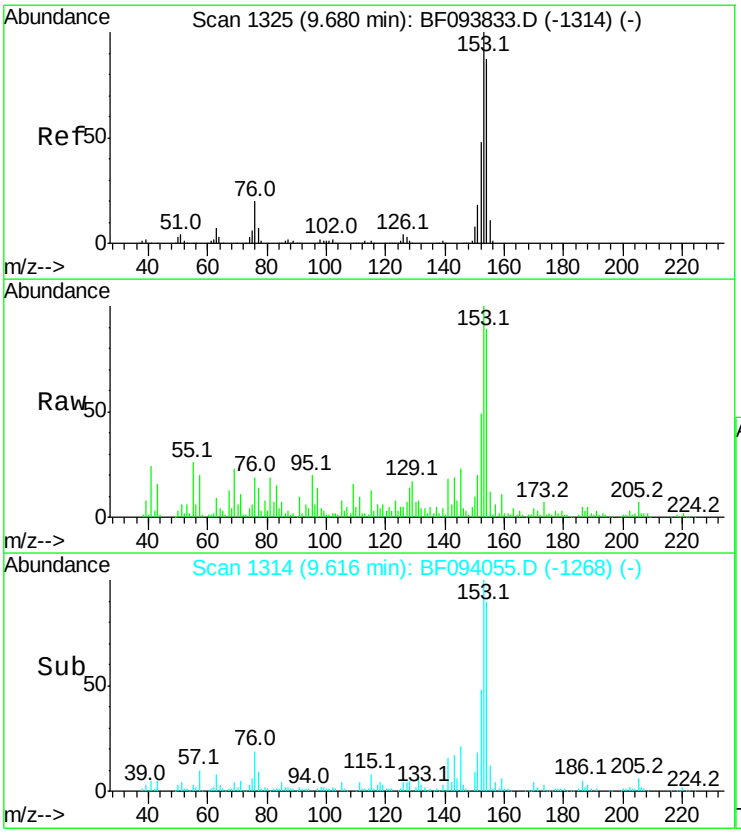
#50
2,6-Dinitrotoluene
Concen: 2.19 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 7449

Ion	Ratio	Lower	Upper
165	100		
63	14.0	34.3	51.5#
89	11.3	37.1	55.7#

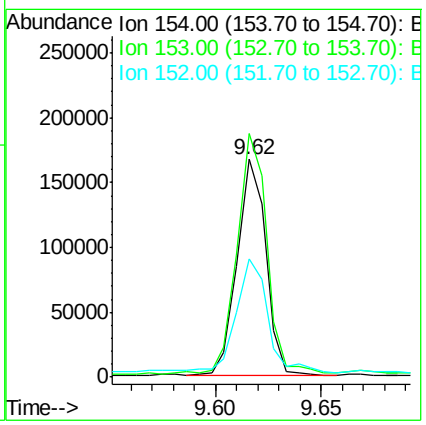


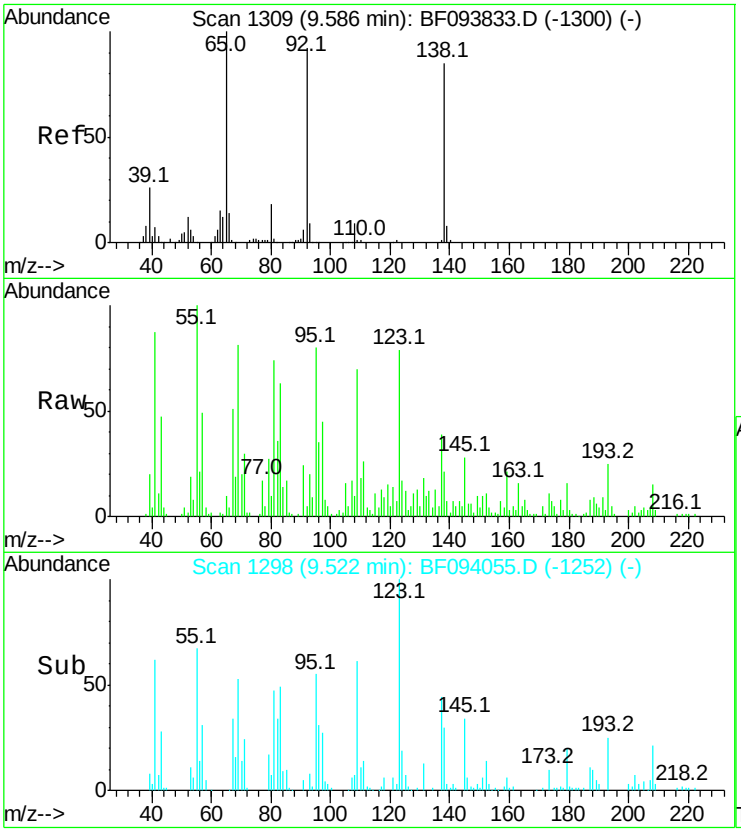


#51
Acenaphthene
Concen: 12.18 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:154 Resp: 155955

Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.5	135.7
152	54.3	43.6	65.4



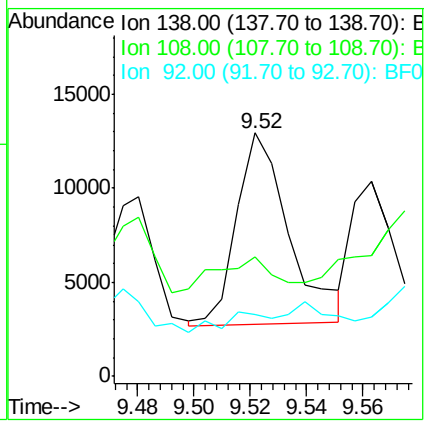


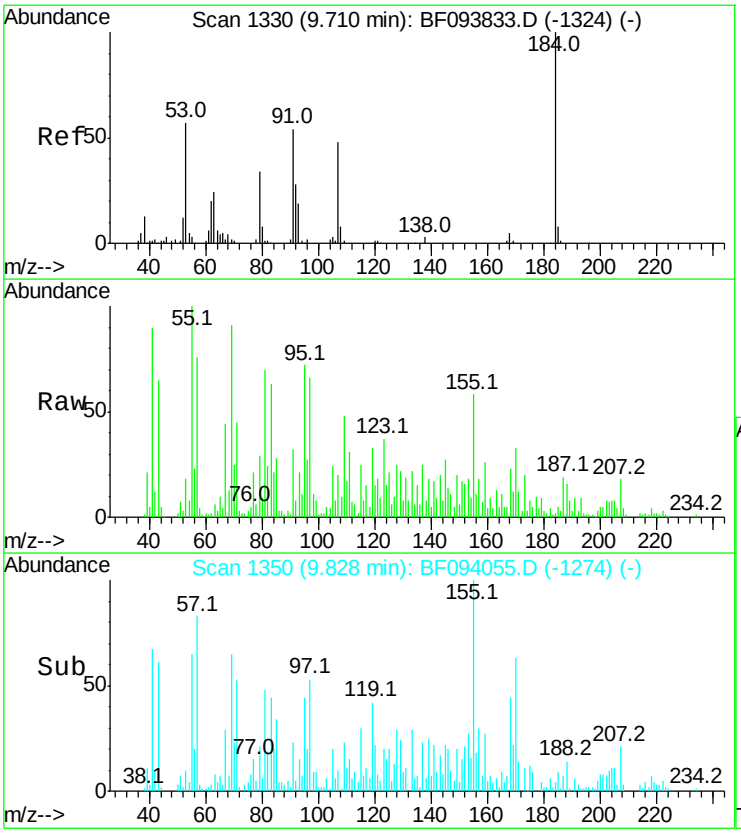
#52
3-Nitroaniline
Concen: 3.28 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 13133

Ion	Ratio	Lower	Upper
138	100		
108	49.3	9.1	13.7#
92	25.5	93.8	140.6#

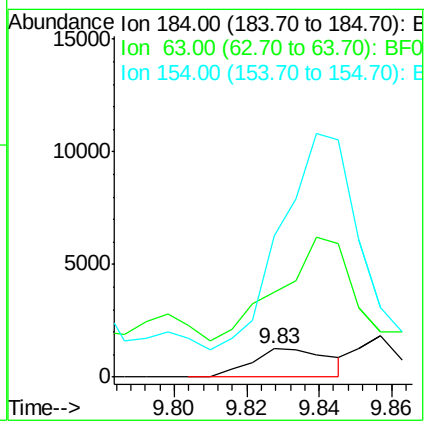


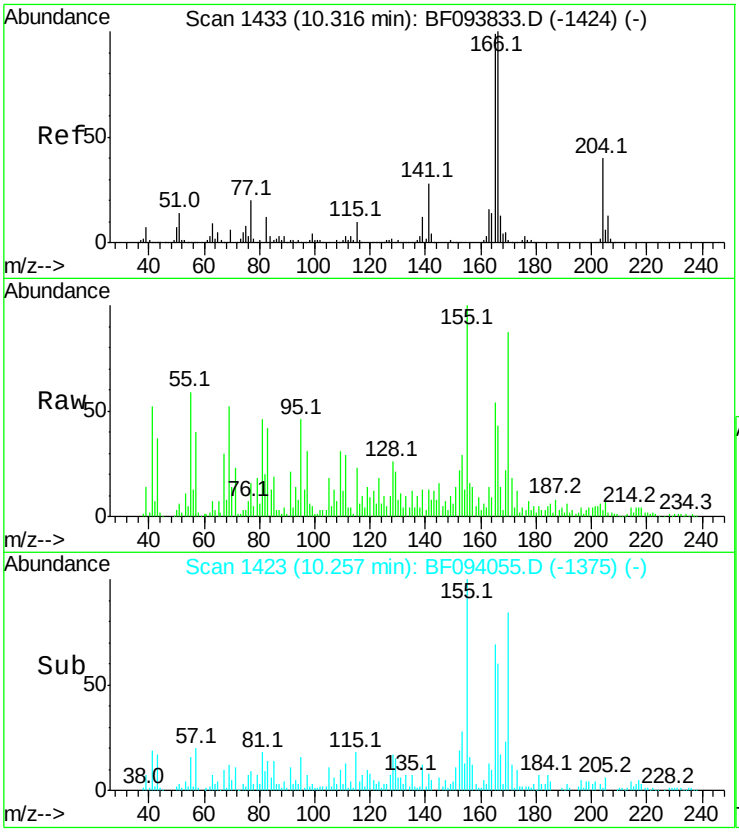


#53
2,4-Dinitrophenol
Concen: 5.63 ng
RT: 9.83 min Scan# 1350
Delta R.T. 0.15 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:184 Resp: 1881

Ion	Ratio	Lower	Upper
184	100		
63	298.4	62.7	94.1#
154	497.2	81.1	121.7#



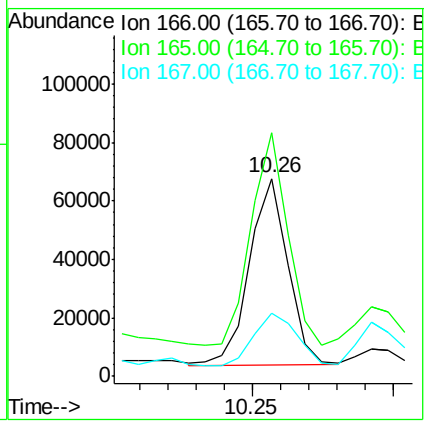


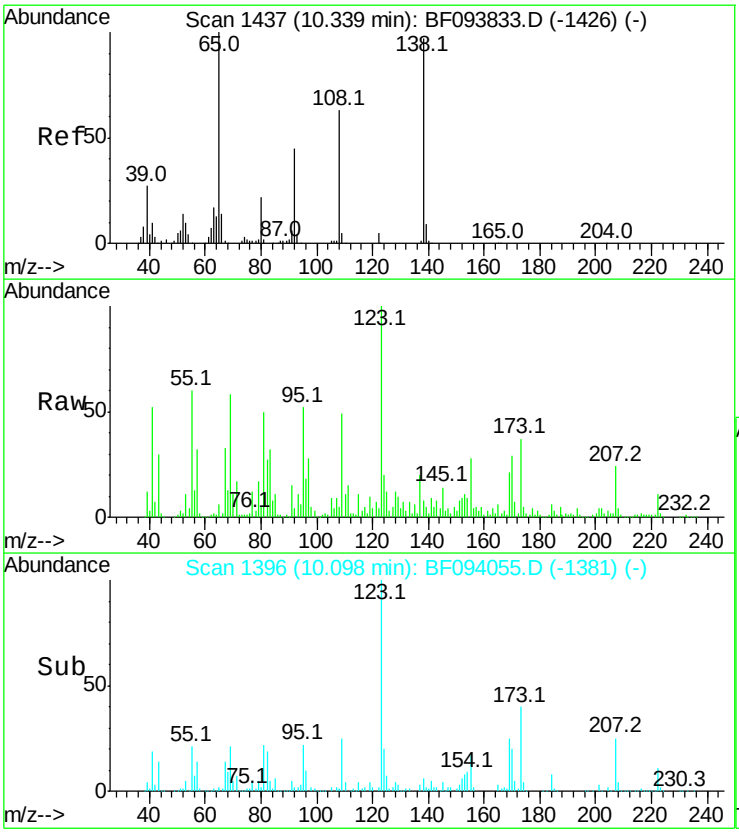
#57
Fluorene
Concen: 4.17 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 60298

Ion	Ratio	Lower	Upper
166	100		
165	123.1	78.8	118.2#
167	32.0	10.6	16.0#

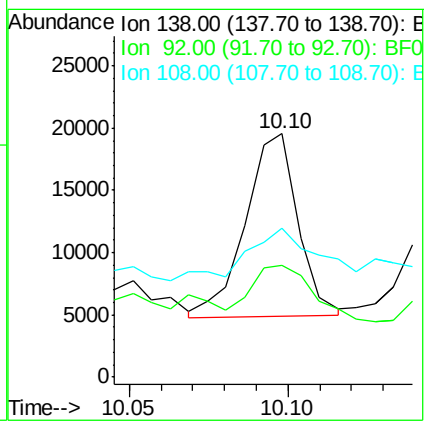


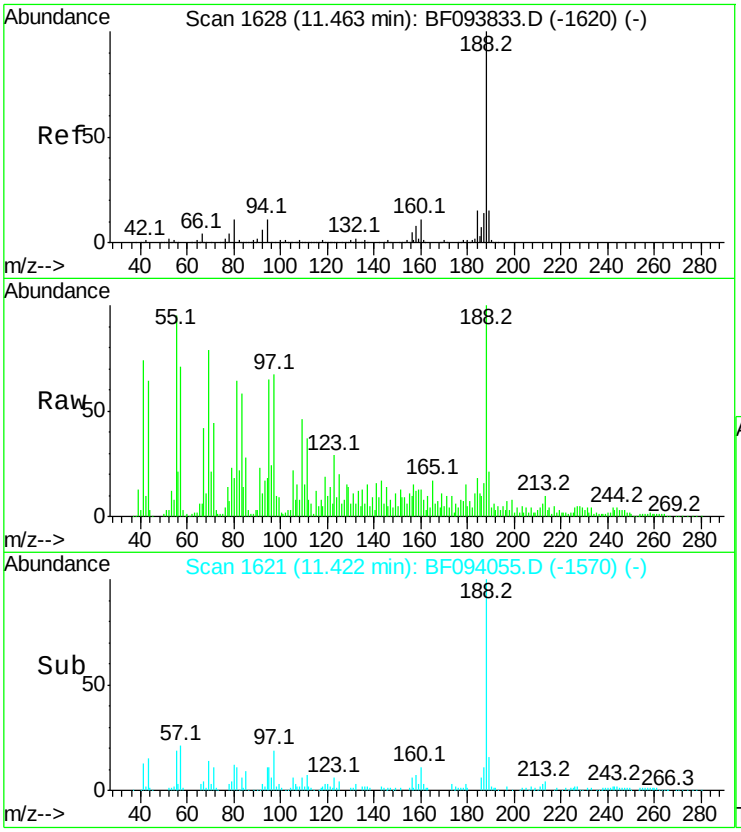


#61
4-Nitroaniline
Concen: 4.42 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.21 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:138 Resp: 16959

Ion	Ratio	Lower	Upper
138	100		
92	45.8	21.8	61.8
108	61.4	42.3	82.3



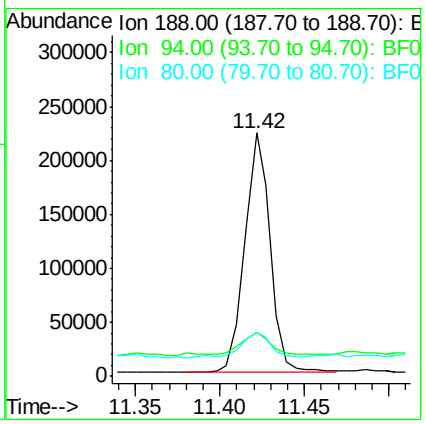


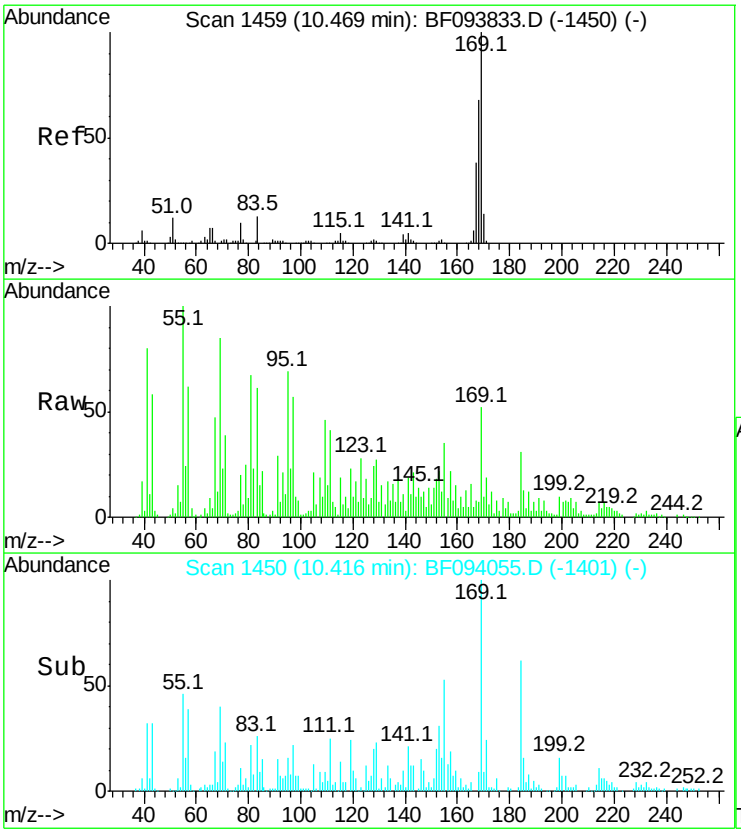
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 233082

Ion	Ratio	Lower	Upper
188	100		
94	18.1	9.4	14.2#
80	18.1	10.2	15.2#

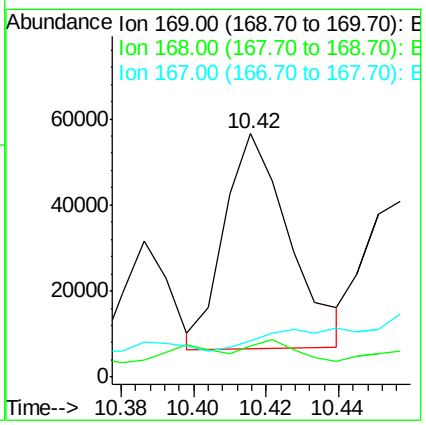


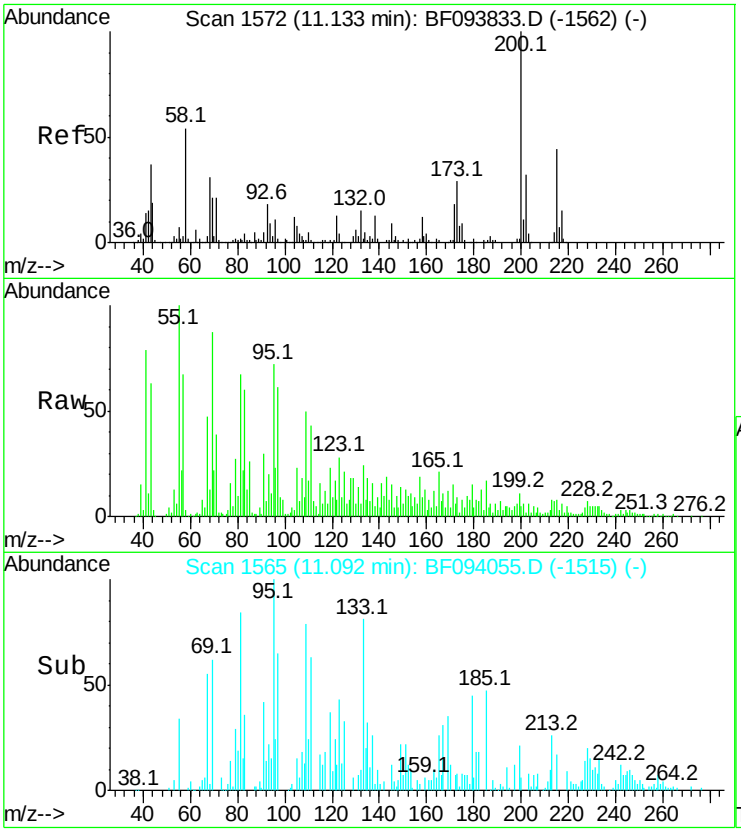


#65
n-Nitrosodiphenylamine
Concen: 7.75 ng
RT: 10.42 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:169 Resp: 62436

Ion	Ratio	Lower	Upper
169	100		
168	12.7	53.2	79.8#
167	14.9	29.5	44.3#



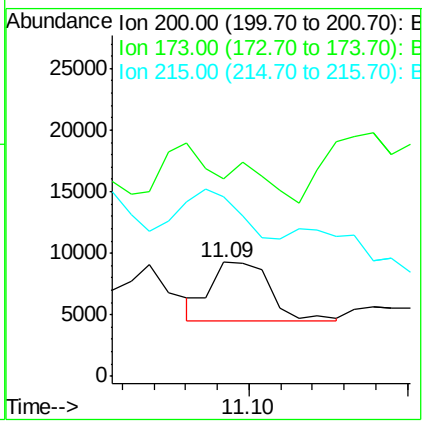


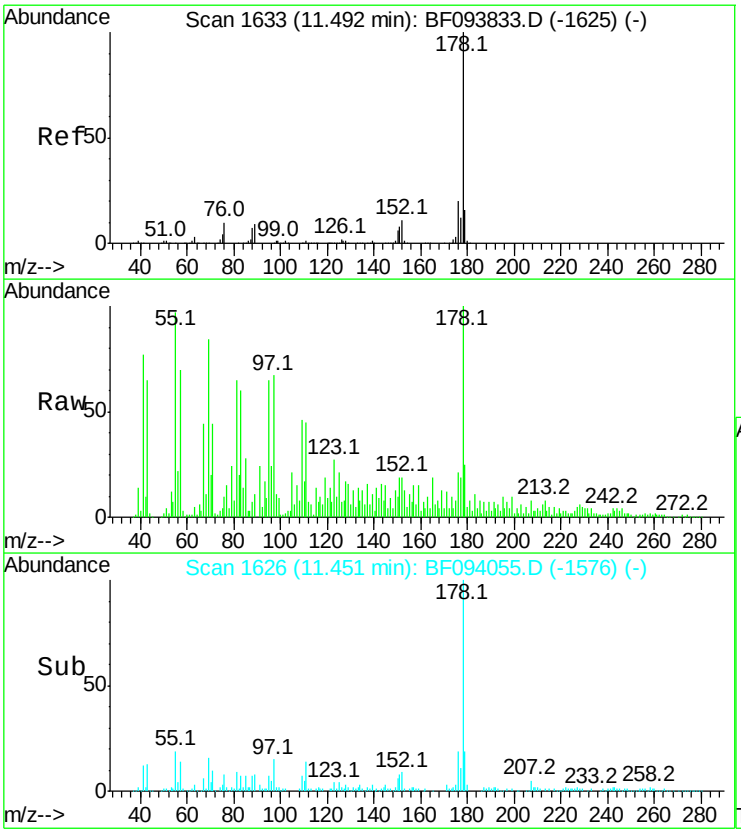
#68
Atrazine
Concen: 2.55 ng
RT: 11.09 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 6150

Ion	Ratio	Lower	Upper
200	100		
173	173.0	6.3	46.3#
215	156.9	27.2	67.2#

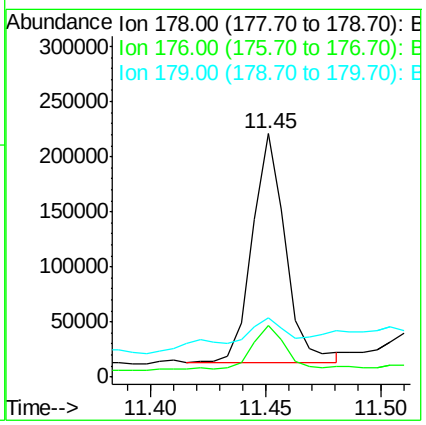


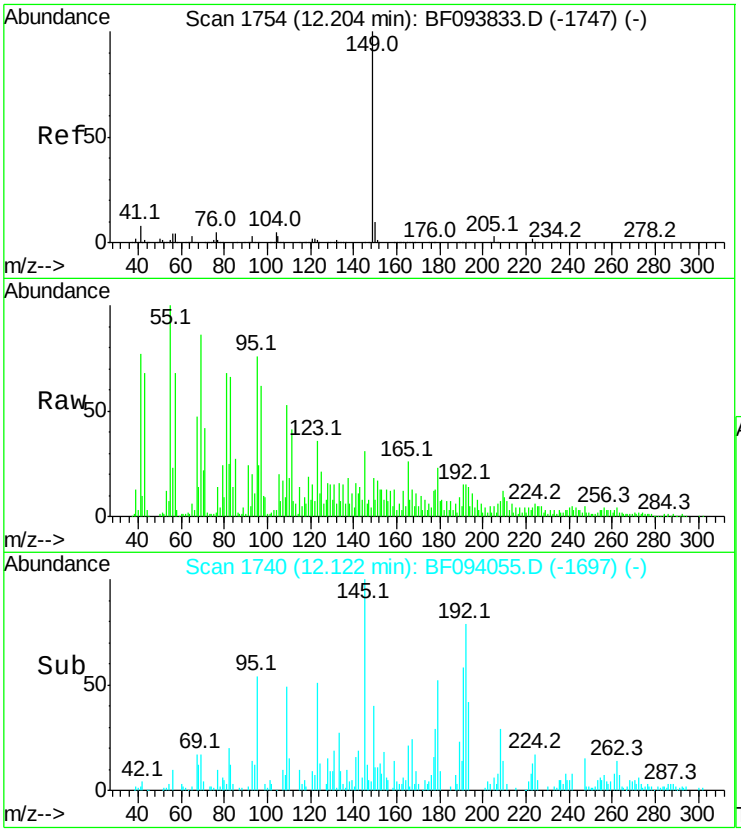


#70
Phenanthrene
Concen: 15.90 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:178 Resp: 206117

Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.2	24.4
179	24.5	12.6	19.0#



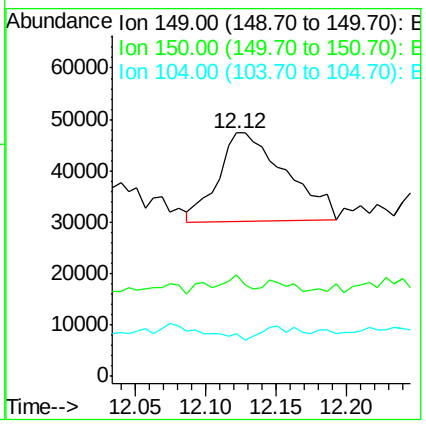


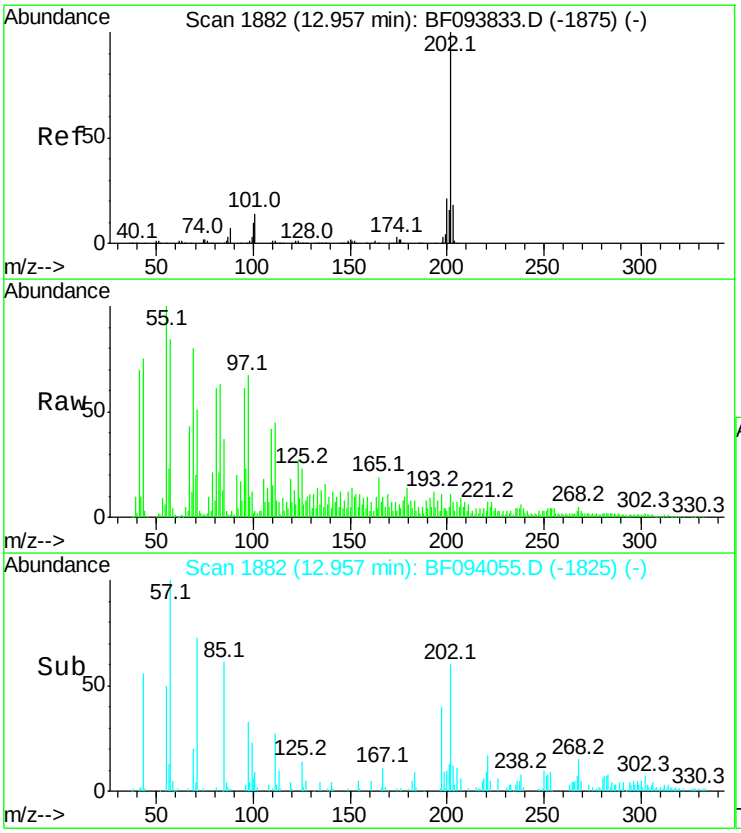
#73
Di-n-butylphthalate
Concen: 4.03 ng
RT: 12.12 min Scan# 1740
Delta R.T. -0.05 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 57412

Ion	Ratio	Lower	Upper
149	100		
150	41.6	7.7	11.5#
104	17.5	4.0	6.0#

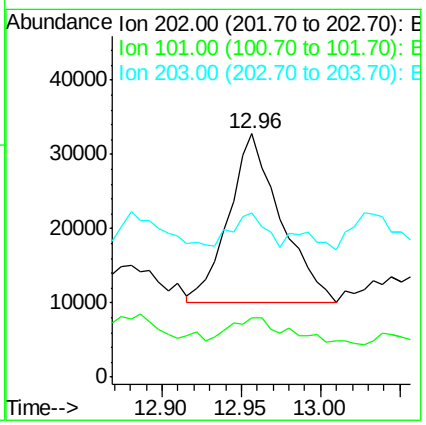


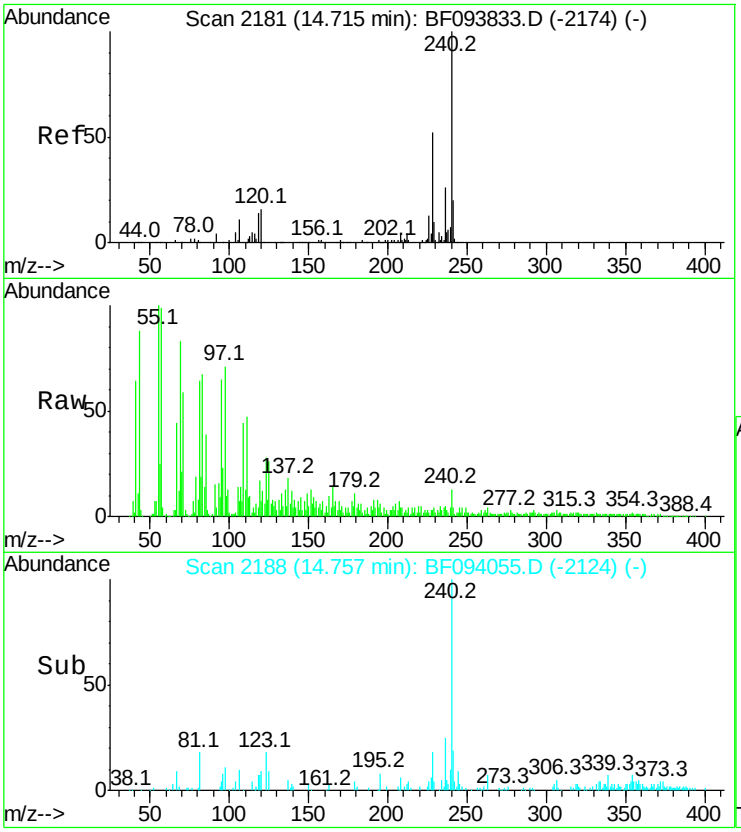


#74
Fluoranthene
Concen: 3.90 ng
RT: 12.96 min Scan# 1882
Delta R.T. 0.04 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:202 Resp: 51759

Ion	Ratio	Lower	Upper
202	100		
101	24.6	0.0	33.2
203	67.3	0.0	38.1#



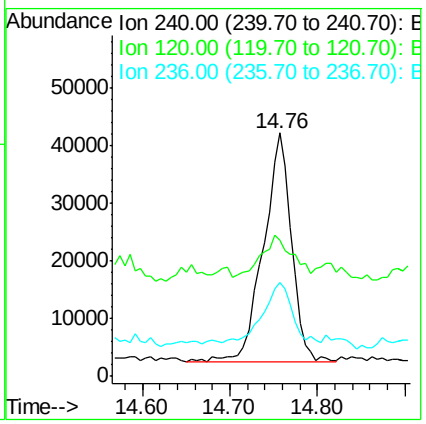


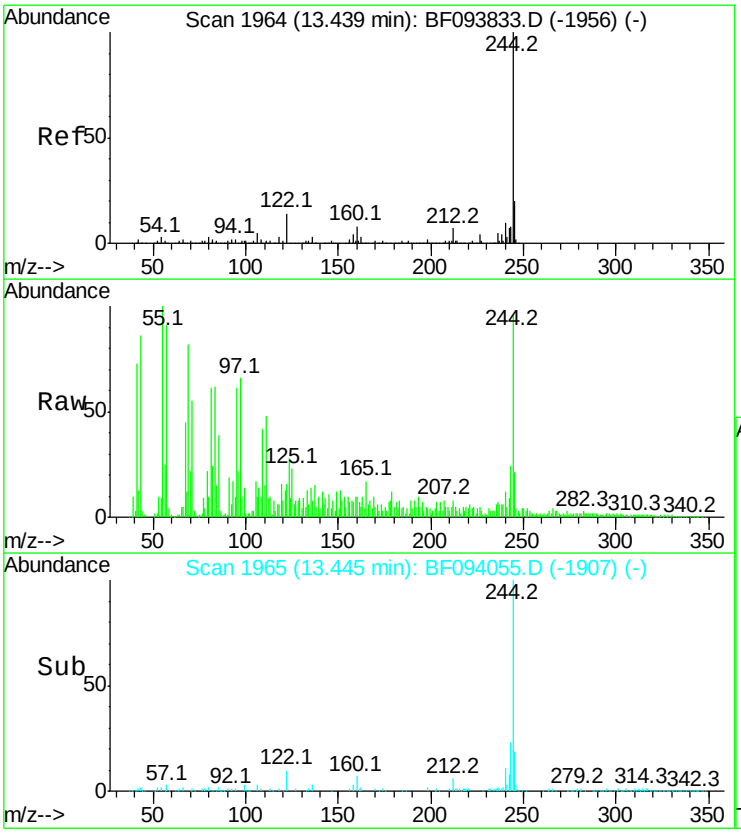
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.76 min Scan# 2188
Delta R.T. 0.08 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 88687

Ion	Ratio	Lower	Upper
240	100		
120	55.8	5.8	8.8#
236	38.4	20.5	30.7#

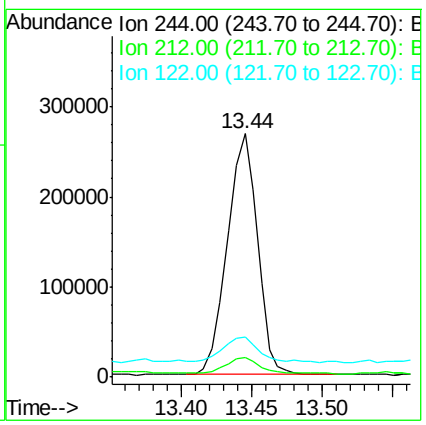


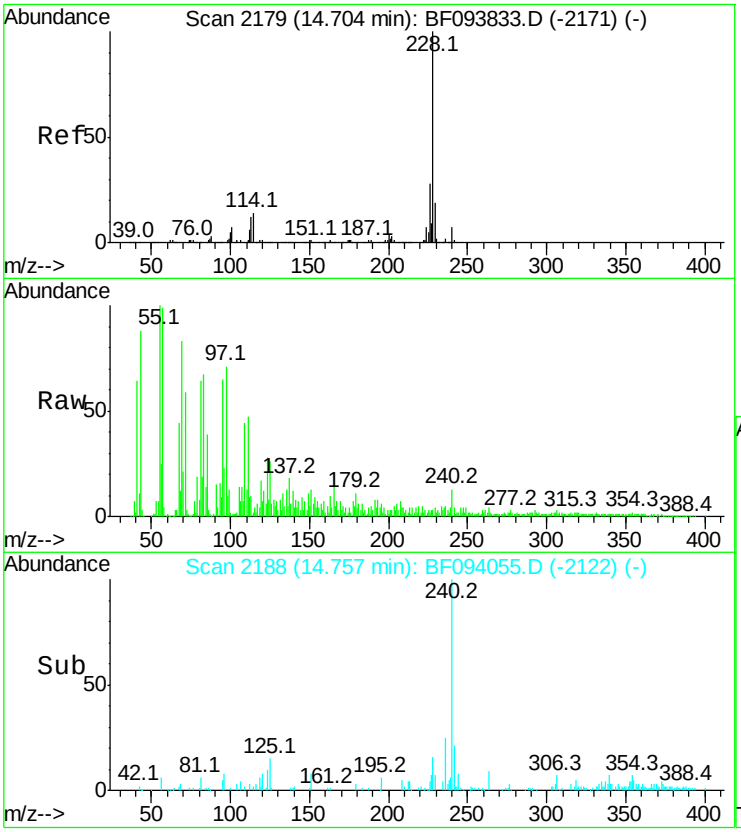


#78
Terphenyl-d14
Concen: 100.49 ng
RT: 13.44 min Scan# 1965
Delta R.T. 0.04 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:244 Resp: 397602

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	16.4	10.3	15.5#



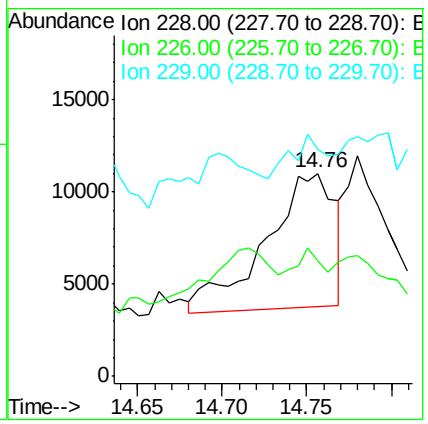


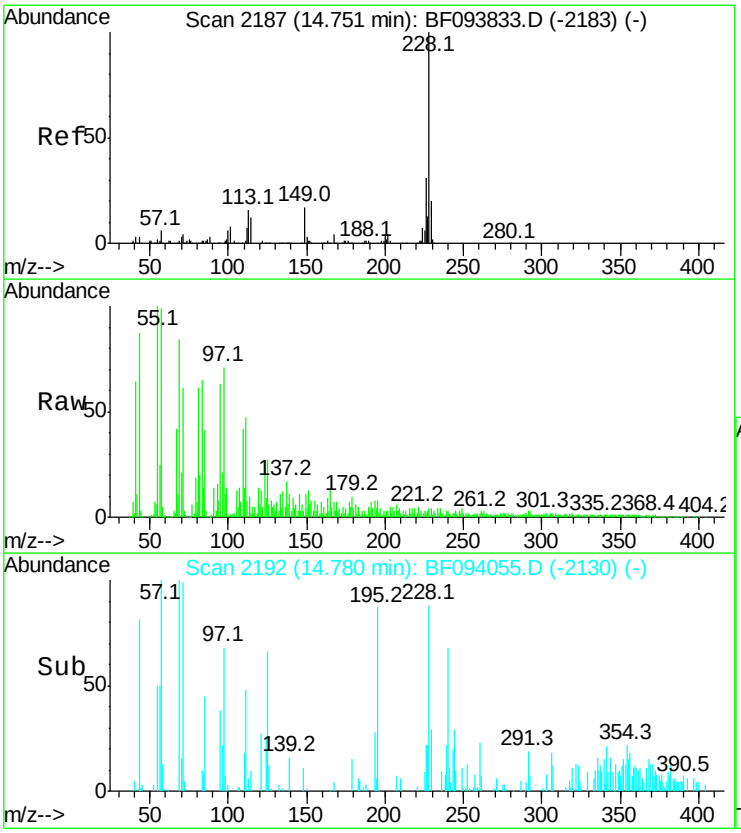
#80
Benzo(a)anthracene
Concen: 3.96 ng
RT: 14.76 min Scan# 2188
Delta R.T. 0.09 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 20498

Ion	Ratio	Lower	Upper
228	100		
226	56.8	22.6	33.8#
229	111.6	16.3	24.5#

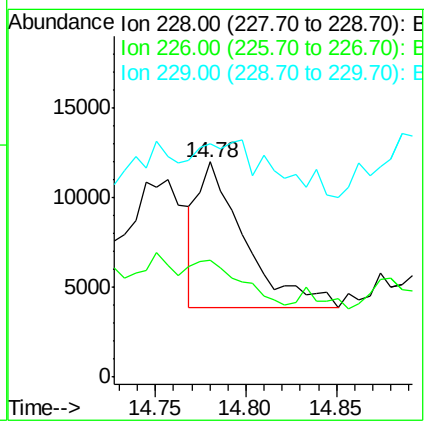


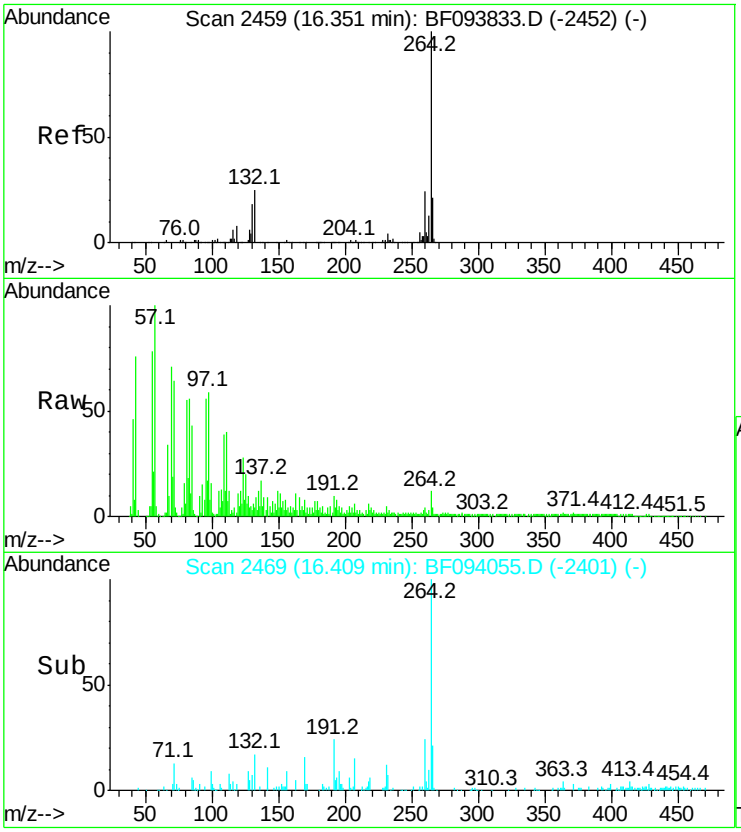


#82
Chrysene
Concen: 3.02 ng
RT: 14.78 min Scan# 2192
Delta R.T. 0.06 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:228 Resp: 14494

Ion	Ratio	Lower	Upper
228	100		
226	54.5	24.9	37.3#
229	108.4	15.8	23.6#



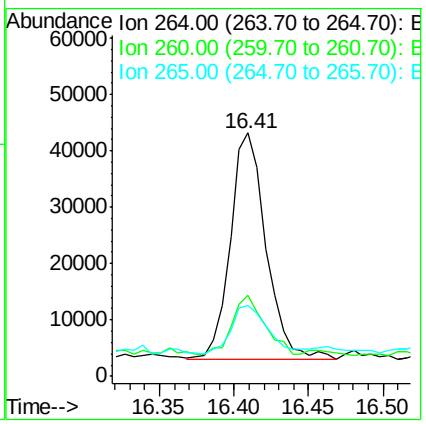


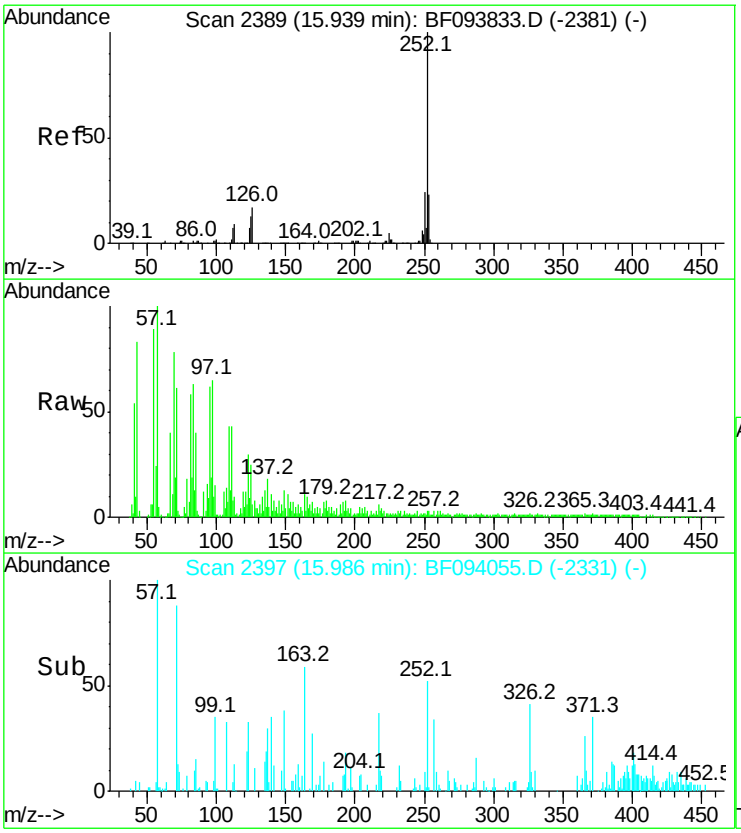
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.41 min Scan# 2469
Delta R.T. 0.10 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 66327

Ion	Ratio	Lower	Upper
264	100		
260	33.2	19.5	29.3#
265	28.9	17.2	25.8#

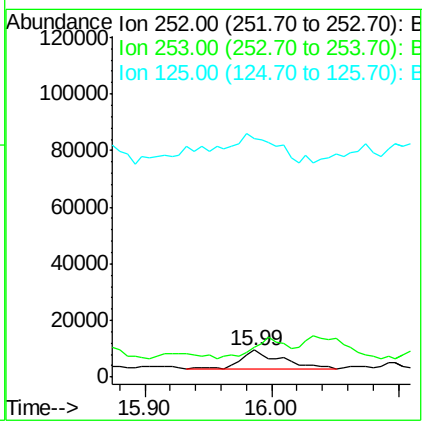


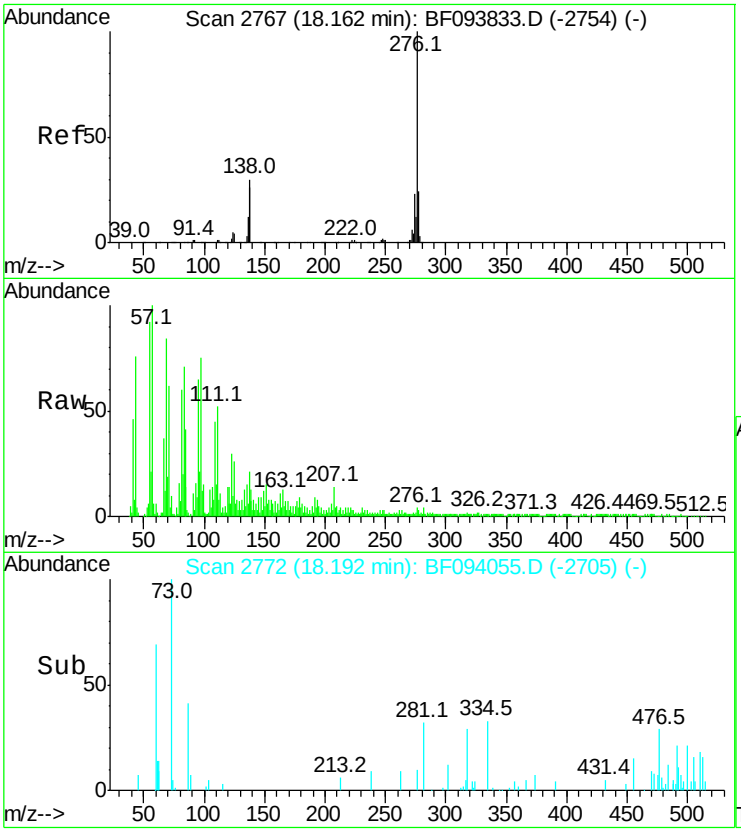


#87
Benzo(b)fluoranthene
Concen: 3.66 ng
RT: 15.99 min Scan# 2397
Delta R.T. 0.09 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:252 Resp: 14860

Ion	Ratio	Lower	Upper
252	100		
253	109.9	18.1	27.1#
125	891.4	9.8	14.8#





#91
Benzo(g,h,i)perylene
Concen: 2.75 ng
RT: 18.19 min Scan# 2772
Delta R.T. 0.09 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 8789

Ion	Ratio	Lower	Upper
276	100		
277	70.0	18.6	28.0#
138	195.5	25.4	38.0#