Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093453.D
Acq On : 9 Mar 2017 2:34
Operator : SJ/MA
Sample : I2126-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Z7-BASE

Quant Time: Mar 09 03:07:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	153755	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	575369	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	251175	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	371598	20.00	ng		0.01
75) Chrysene-d12	13.93	240	329841	20.00	ng		0.01
86) Perylene-d12	15.35	264	255015	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	980404	106.12	ng		0.01
7) Phenol-d6	6.42	99	1315593	112.93	ng		0.01
23) Nitrobenzene-d5	7.34	82	666441	64.27	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	191970	117.31	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	1016561	75.28	ng		0.00
78) Terphenyl-d14	12.88	244	591683	46.64	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.28	77	3057	Below Cal		#	1
10) Phenol	6.44	94	95687	6.70	ng	#	73
17) 2-Methylphenol	7.05	107	96905	11.07	ng	#	90
20) 3+4-Methylphenols	7.20	107	258060	22.73	ng	#	67
27) 2,4-Dimethylphenol	7.73	122	169958	19.65	ng		98
29) 2,4-Dichlorophenol	7.94	162	22738	2.79	ng		91
31) Naphthalene	8.08	128	731879	25.38	ng		96
32) Benzoic acid	7.85	122	165277	36.77	ng	#	24
33) 4-Chloroaniline	8.08	127	76345	6.52	ng	#	47
35) Caprolactam	8.48	113	11636	4.19	ng	#	1
37) 2-Methylnaphthalene	8.77	142	284337	15.50	ng		98
45) 1,1'-Biphenyl	9.24	154	53757	2.94	ng		99
49) Dimethylphthalate	9.53	163	313988	18.86	ng		100
51) Acenaphthene	9.84	154	105823	7.75	ng		94
54) Dibenzofuran	10.01	168	208743	12.21	ng	#	92
55) 4-Nitrophenol	9.91	139	6197	2.91	ng	#	55
57) Fluorene	10.36	166	161086	11.12	ng		99
64) 4,6-Dinitro-2-methylphenol	10.47	198	6326	2.63	ng	#	25
65) n-Nitrosodiphenylamine	10.47	169	31362	2.53	ng	#	65
66) 4-Bromophenyl-phenylether	10.61	248	13051	3.32	ng	#	1
70) Phenanthrene	11.32	178	247715	11.68	ng		98
72) Carbazole	11.53	167	145166	7.20	ng		99
74) Fluoranthene	12.50	202	123851	6.04	ng		96
77) Pyrene	12.73	202	107790	4.49	ng		99
80) Benzo(a)anthracene	13.92	228	53015	2.72	ng		94
82) Chrysene	13.97	228	47111	2.61	ng		94
87) Benzo(b)fluoranthene	14.96	252	67121	4.32	ng	#	78
88) Benzo(k)fluoranthene	14.96	252	67121	4.48	ng	#	78
89) Benzo(a)pyrene	15.29	252	35729	2.52	ng	#	72

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

Quantitation Report (Not Reviewed)

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 09 03:07:35 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
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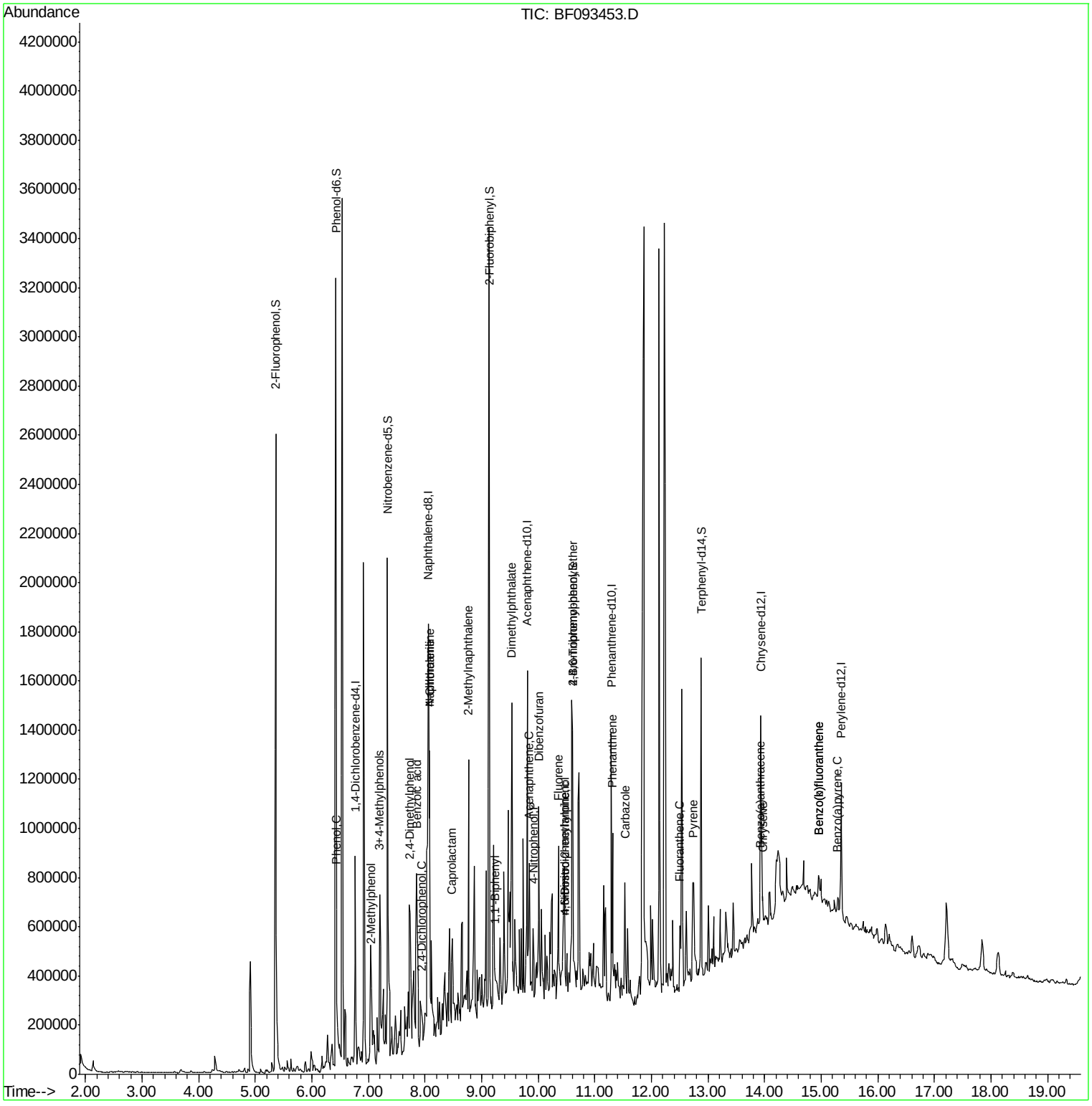
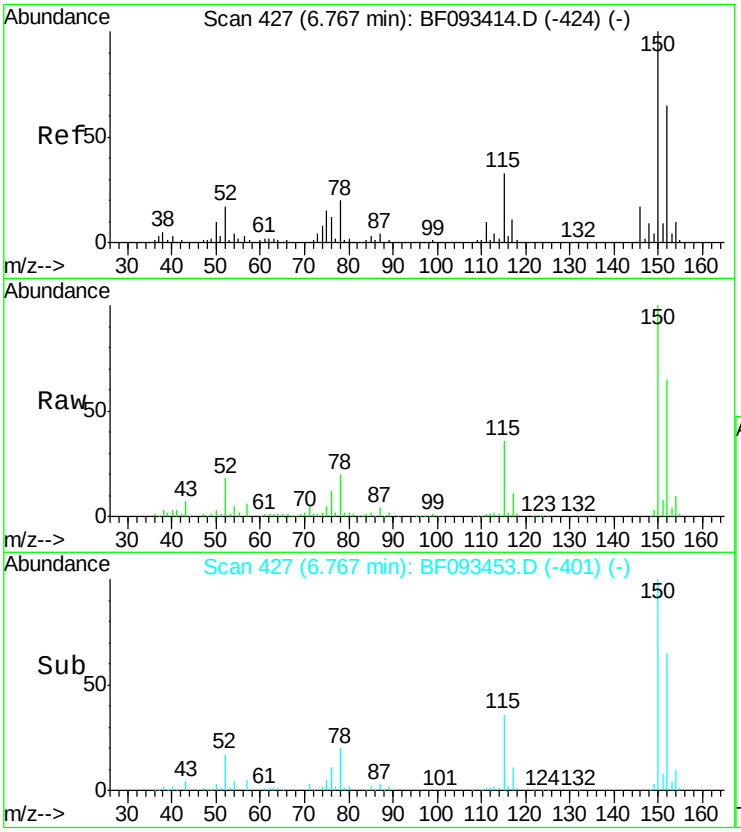


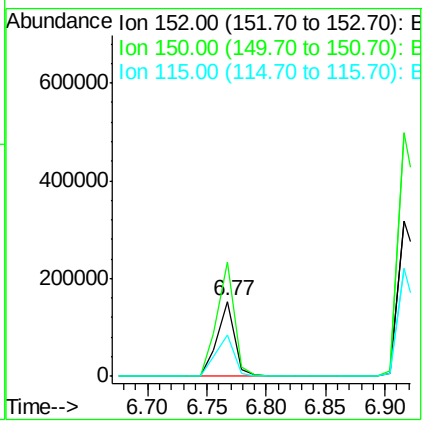


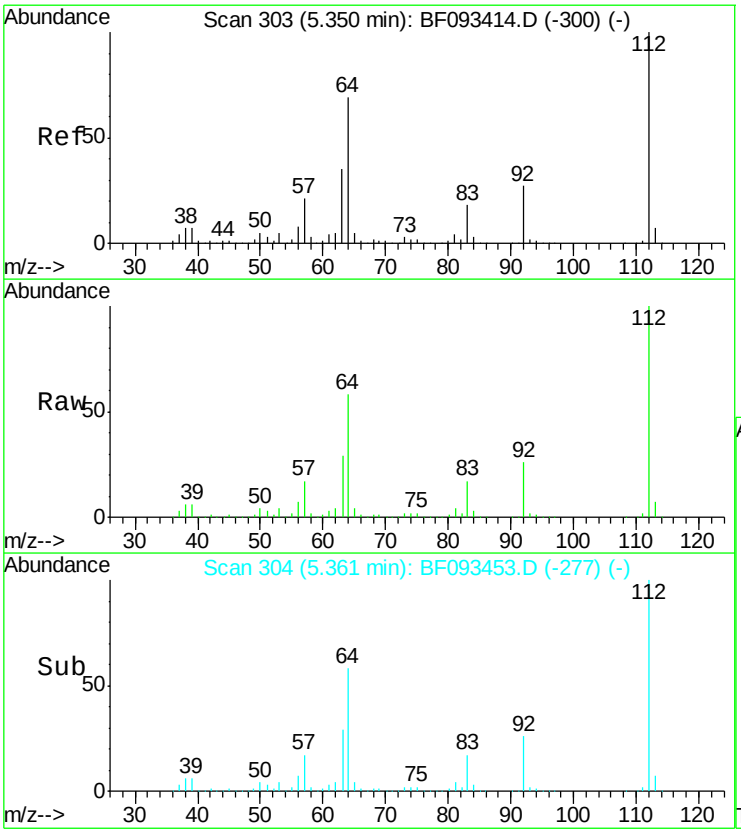
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:152 Resp: 153755

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.9	187.3
115	54.6	46.0	69.0

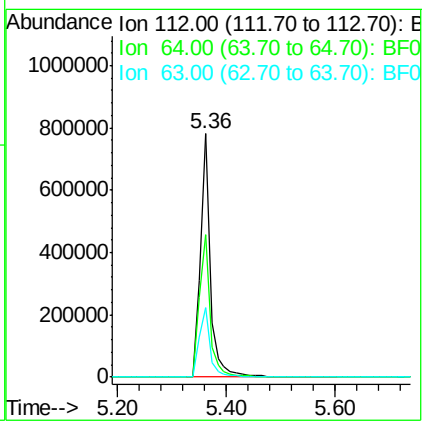


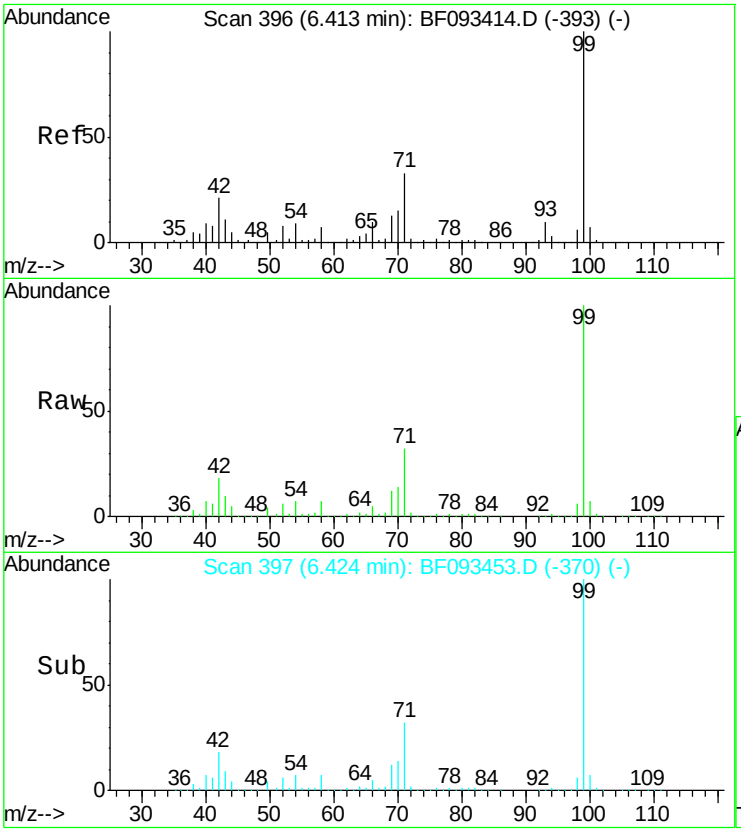


#5
2-Fluorophenol
Concen: 106.12 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:112 Resp: 980404

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.1	69.1
63	28.8	23.8	35.6



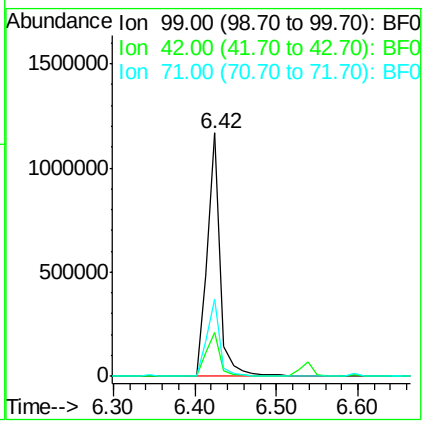


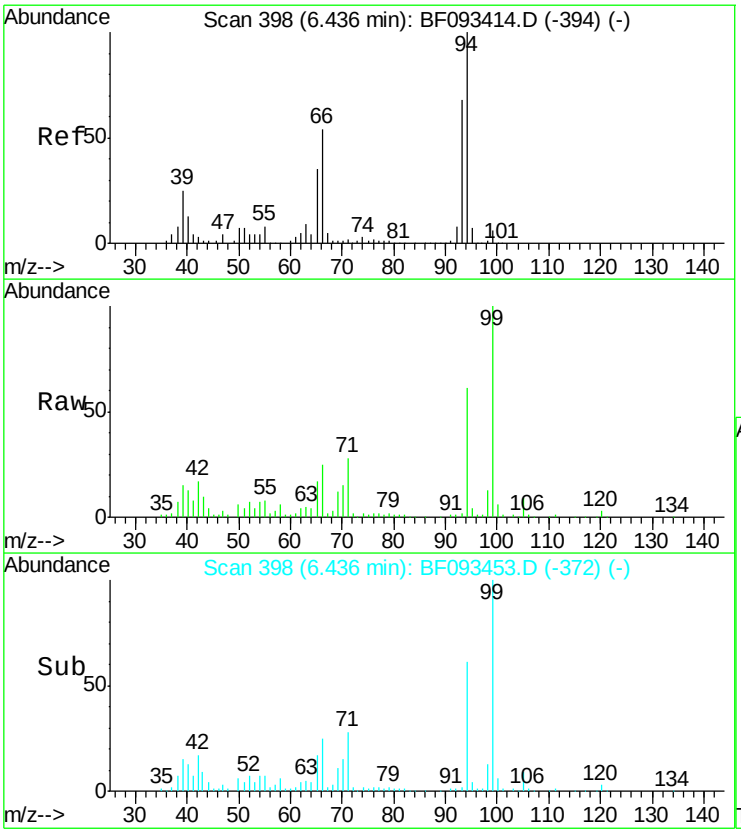
#7
Phenol-d6
Concen: 112.93 ng
RT: 6.42 min Scan# 397
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion: 99 Resp: 1315593

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.6	23.4
71	31.9	27.5	41.3

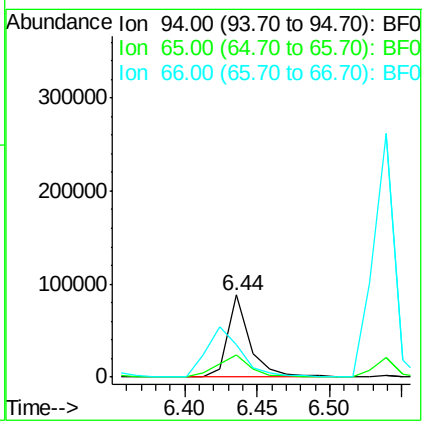


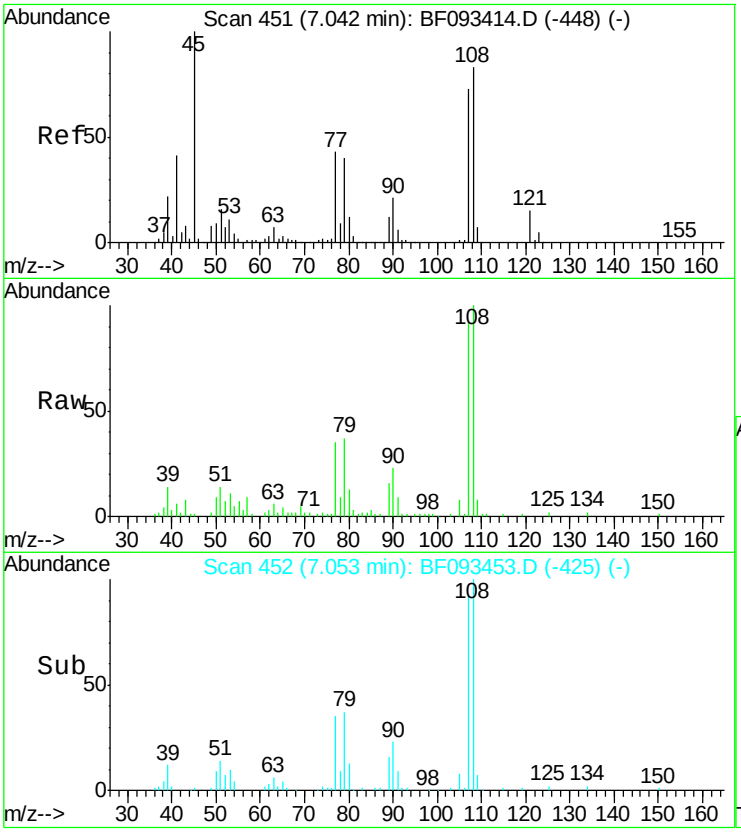


#10
Phenol
Concen: 6.70 ng
RT: 6.44 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion: 94 Resp: 95687

Ion	Ratio	Lower	Upper
94	100		
65	27.7	21.4	61.4
66	40.2	44.0	84.0#



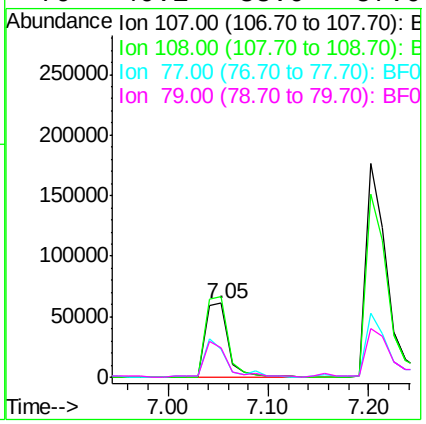


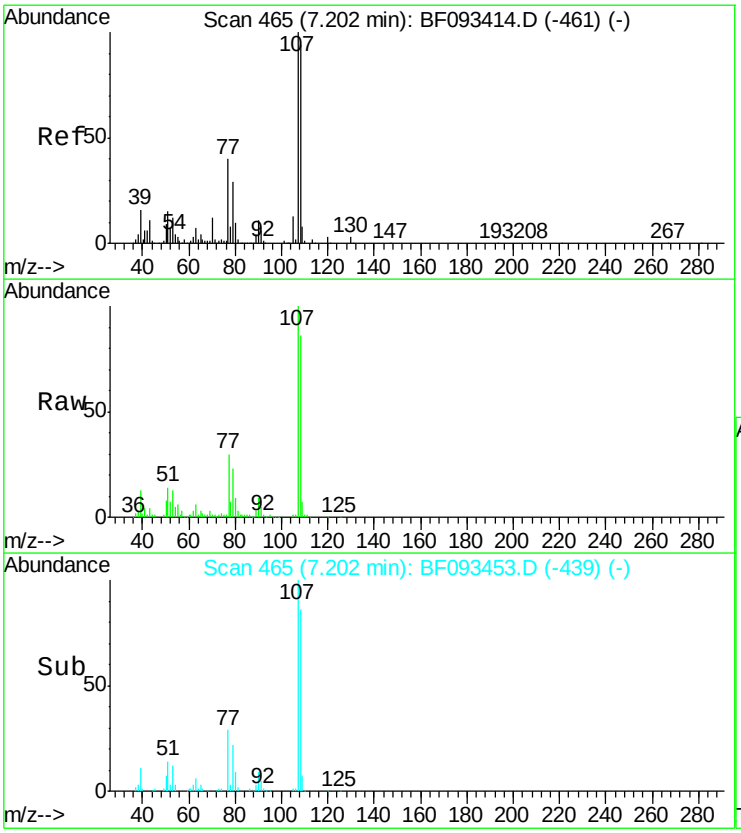
#17
2-Methylphenol
Concen: 11.07 ng
RT: 7.05 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:107 Resp: 96905

Ion	Ratio	Lower	Upper
107	100		
108	108.2	93.0	139.6
77	38.3	39.8	59.8#
79	40.1	38.0	57.0

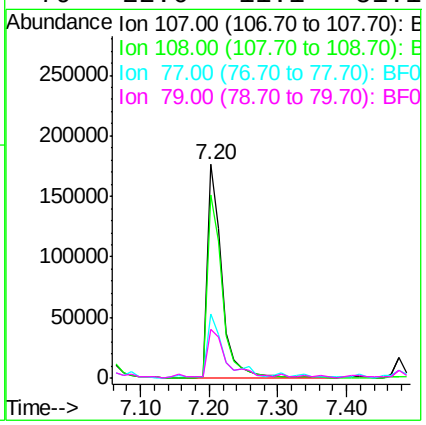


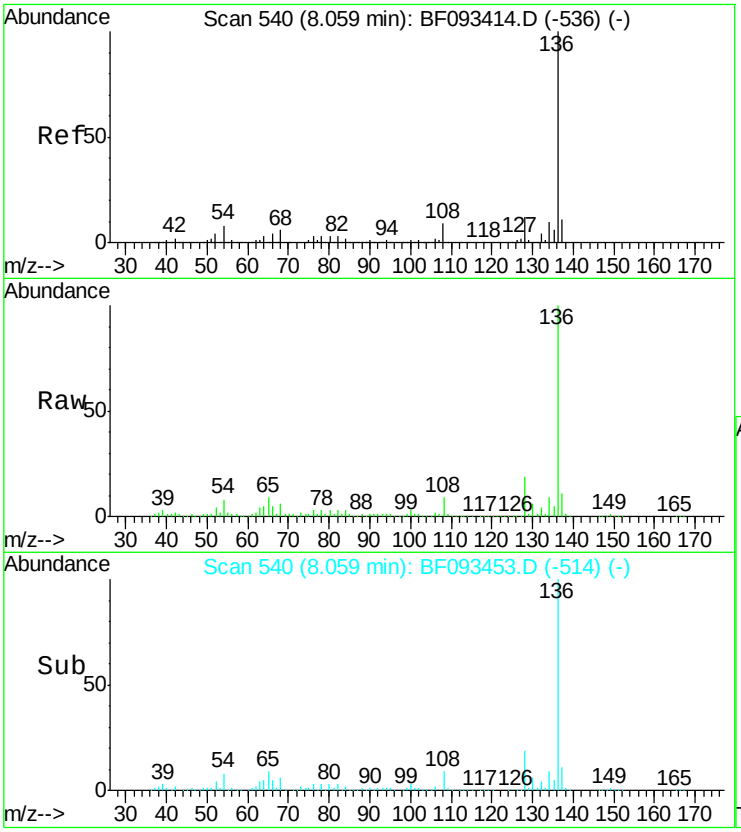


#20
3+4-Methylphenols
Concen: 22.73 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:107 Resp: 258060

Ion	Ratio	Lower	Upper
107	100		
108	85.6	73.0	113.0
77	30.1	71.3	111.3#
79	22.6	11.1	51.1



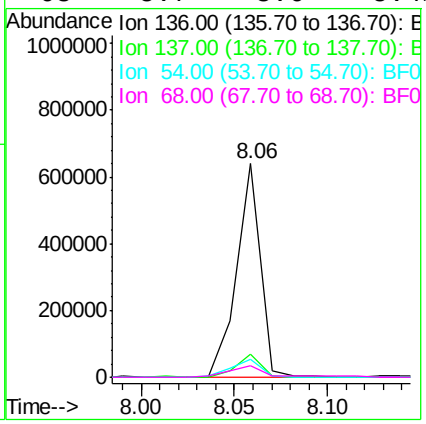


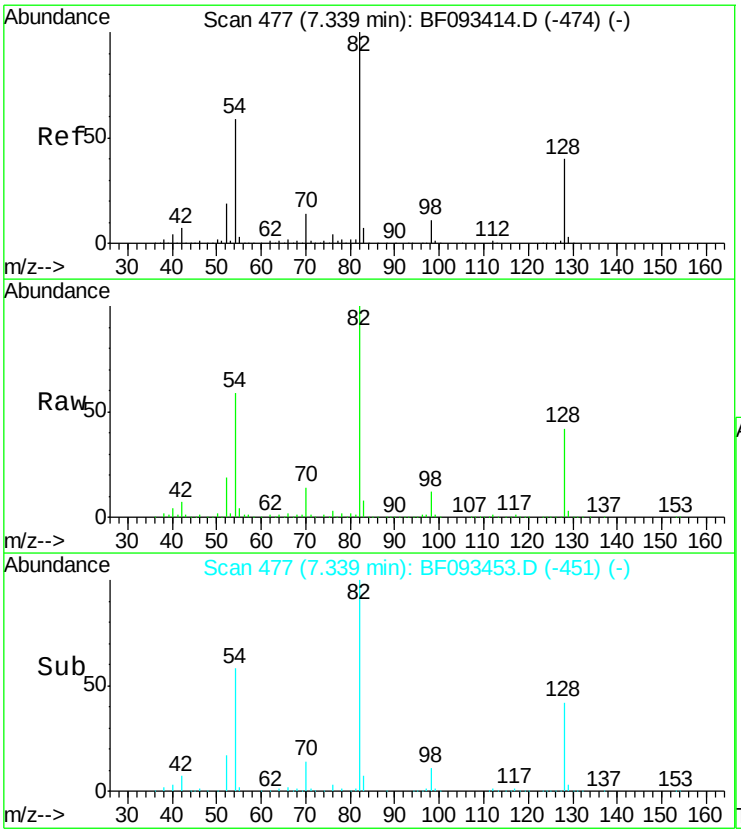
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:136 Resp: 575369

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.1	4.5	6.7#
68	5.7	3.6	5.4#

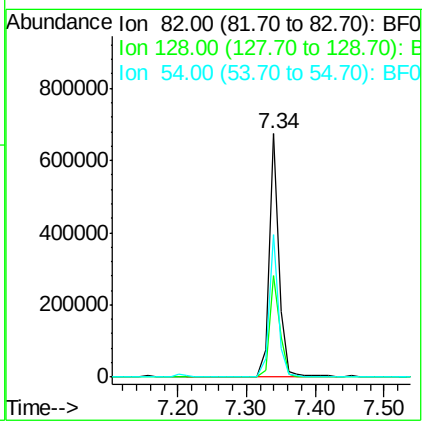


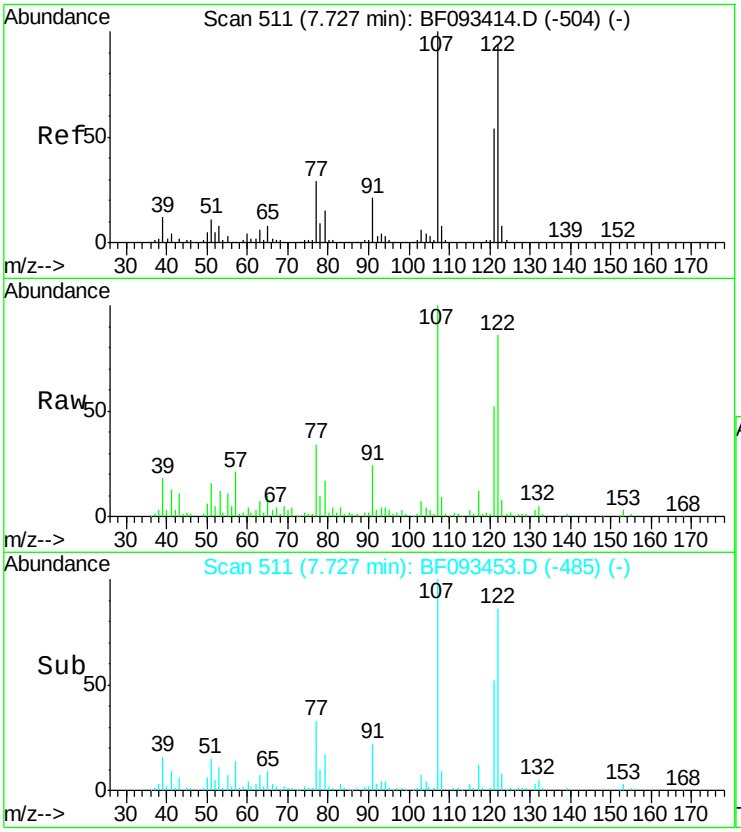


#23
Nitrobenzene-d5
Concen: 64.27 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion: 82 Resp: 666441

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	58.8	39.5	59.3



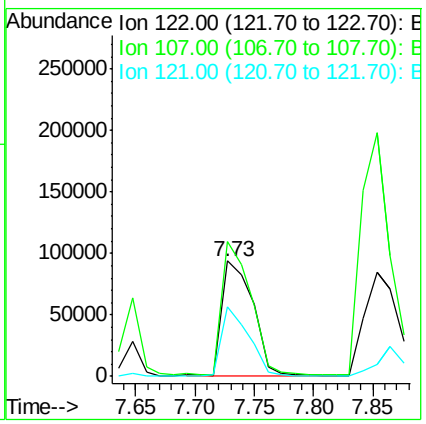


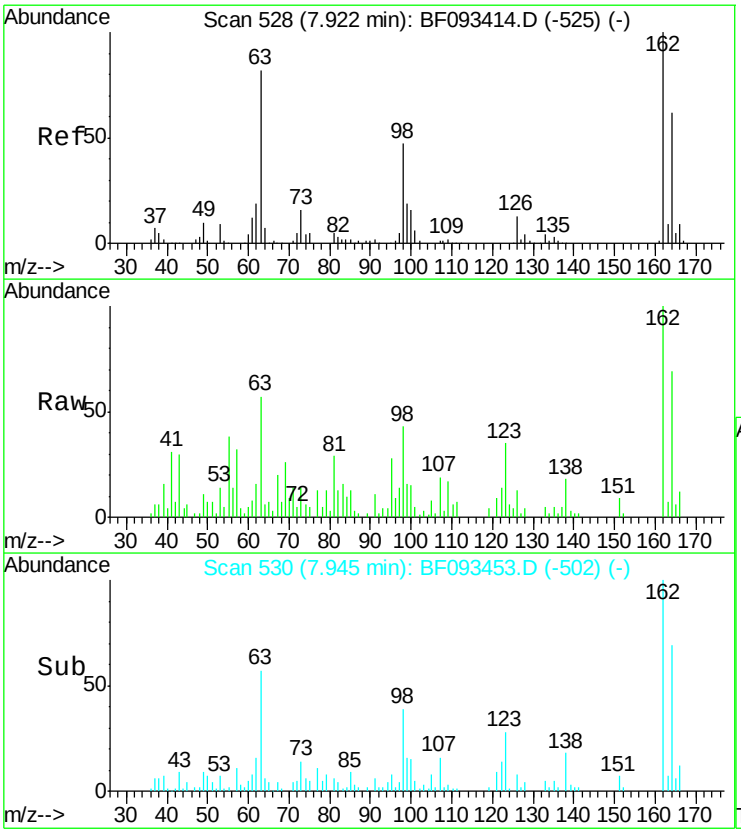
#27
2,4-Dimethylphenol
Concen: 19.65 ng
RT: 7.73 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:122 Resp: 169958

Ion	Ratio	Lower	Upper
122	100		
107	116.7	94.1	141.1
121	60.7	46.0	69.0

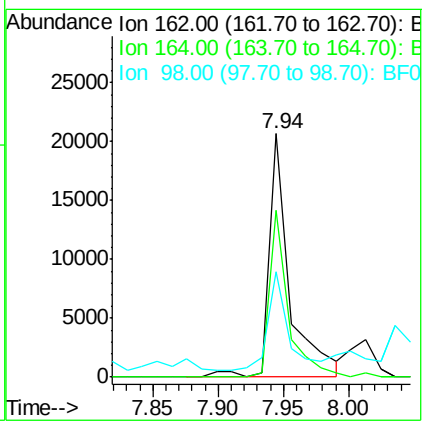


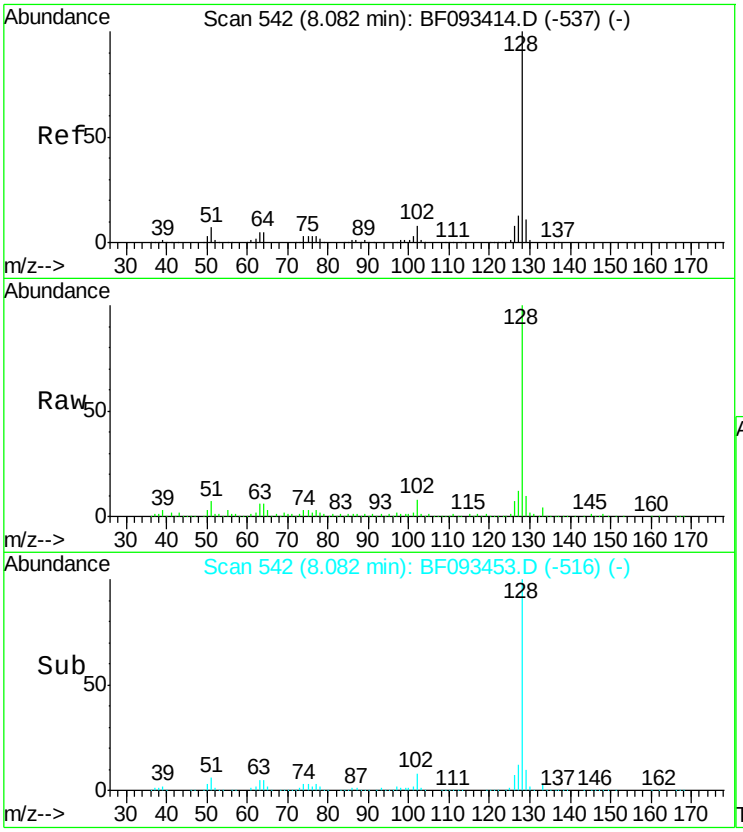


#29
2,4-Dichlorophenol
Concen: 2.79 ng
RT: 7.94 min Scan# 530
Delta R.T. 0.02 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:162 Resp: 22738

Ion	Ratio	Lower	Upper
162	100		
164	68.6	46.8	86.8
98	43.1	9.1	49.1



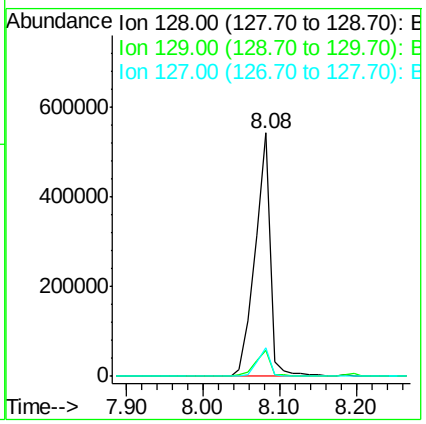


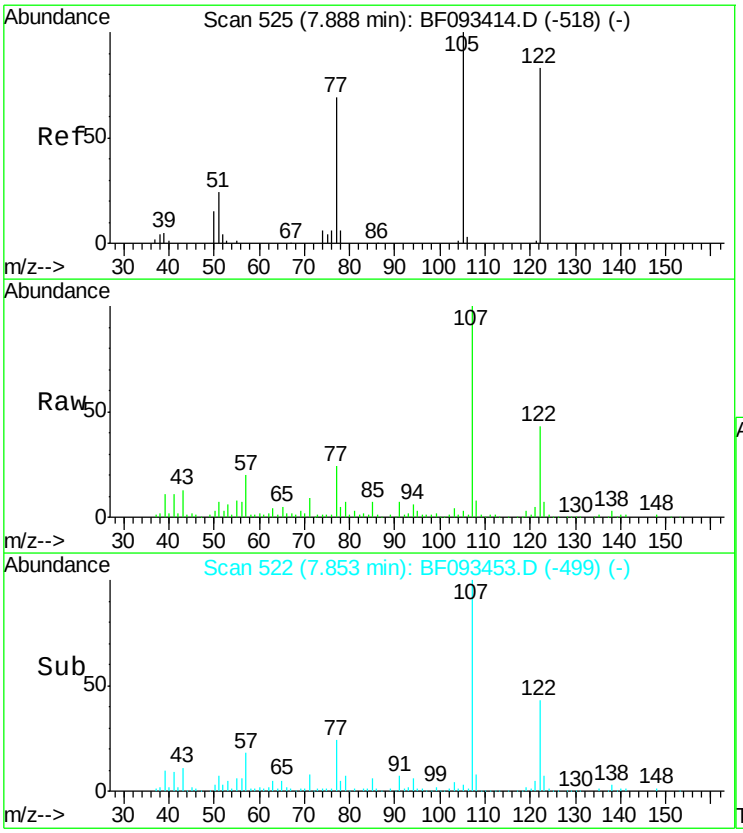
#31
Naphthalene
Concen: 25.38 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:128 Resp: 731879

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.5	14.3
127	11.9	10.8	16.2

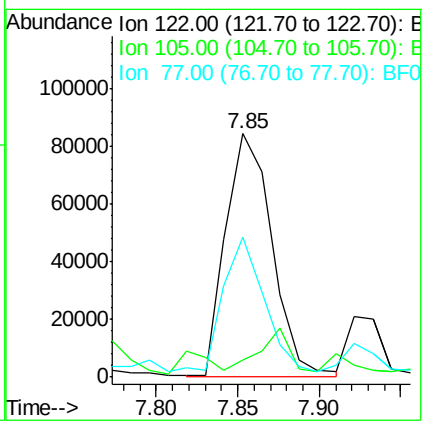


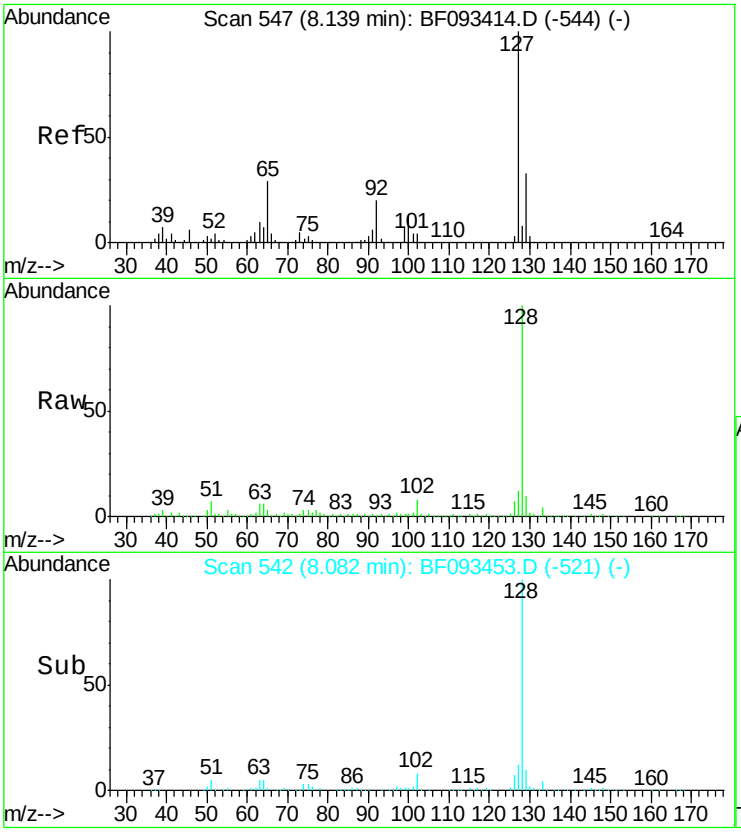


#32
Benzoic acid
Concen: 36.77 ng
RT: 7.85 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:122 Resp: 165277

Ion	Ratio	Lower	Upper
122	100		
105	6.9	107.2	147.2#
77	57.3	74.5	114.5#



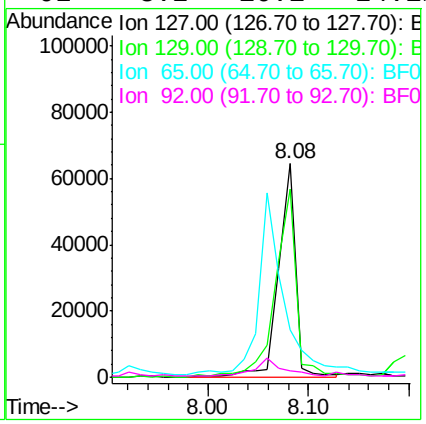


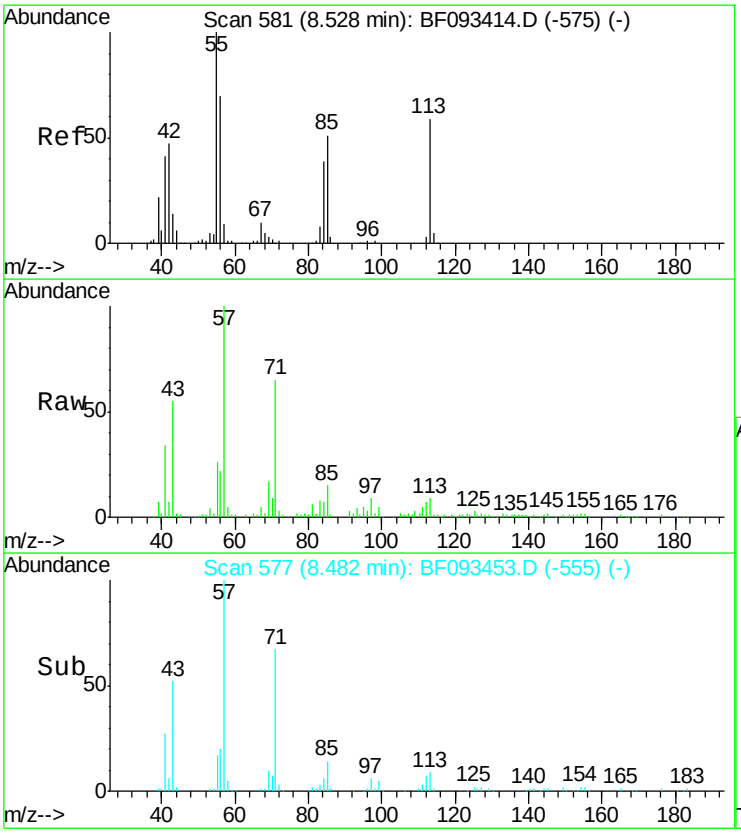
#33
4-Chloroaniline
Concen: 6.52 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:127 Resp: 76345

Ion	Ratio	Lower	Upper
127	100		
129	88.2	26.3	39.5#
65	22.0	25.8	38.8#
92	3.2	16.1	24.1#

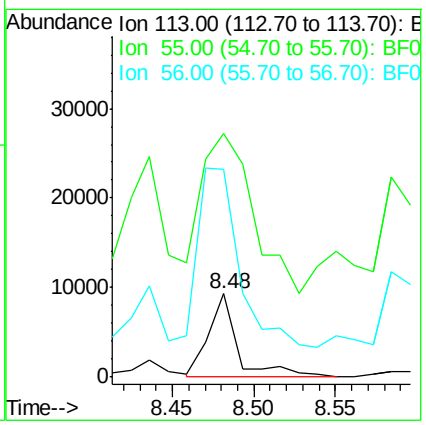


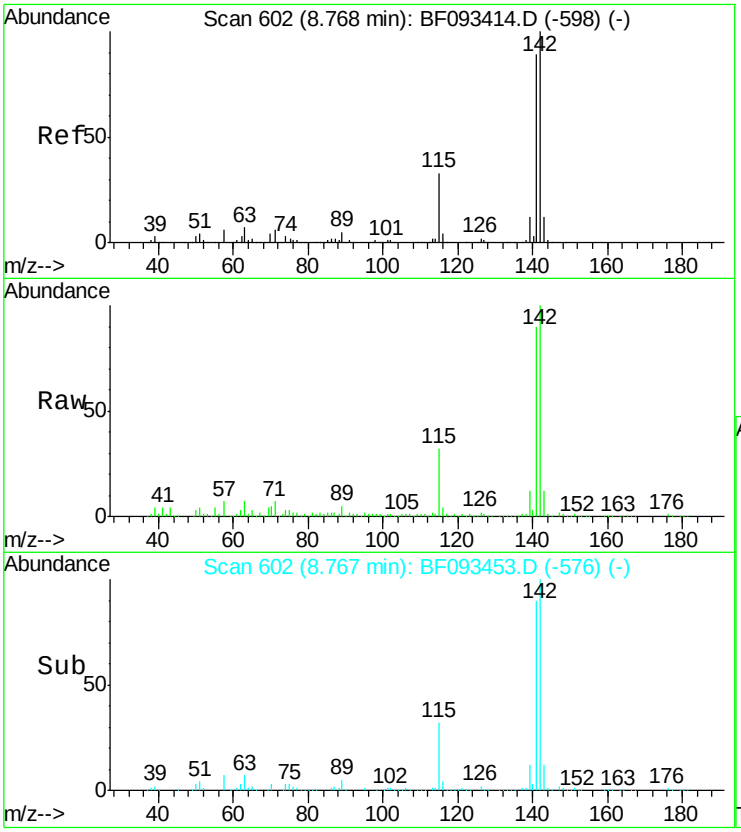


#35
Caprolactam
Concen: 4.19 ng
RT: 8.48 min Scan# 577
Delta R.T. -0.05 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:113 Resp: 11636

Ion	Ratio	Lower	Upper
113	100		
55	293.3	119.2	159.2#
56	250.4	83.8	123.8#



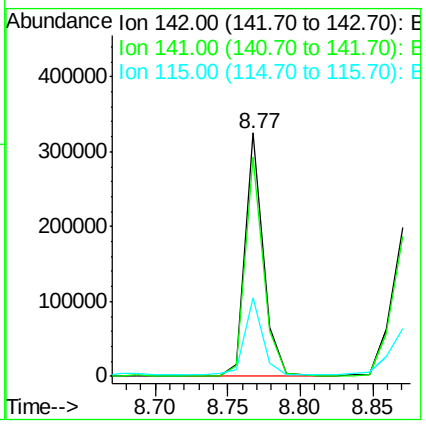


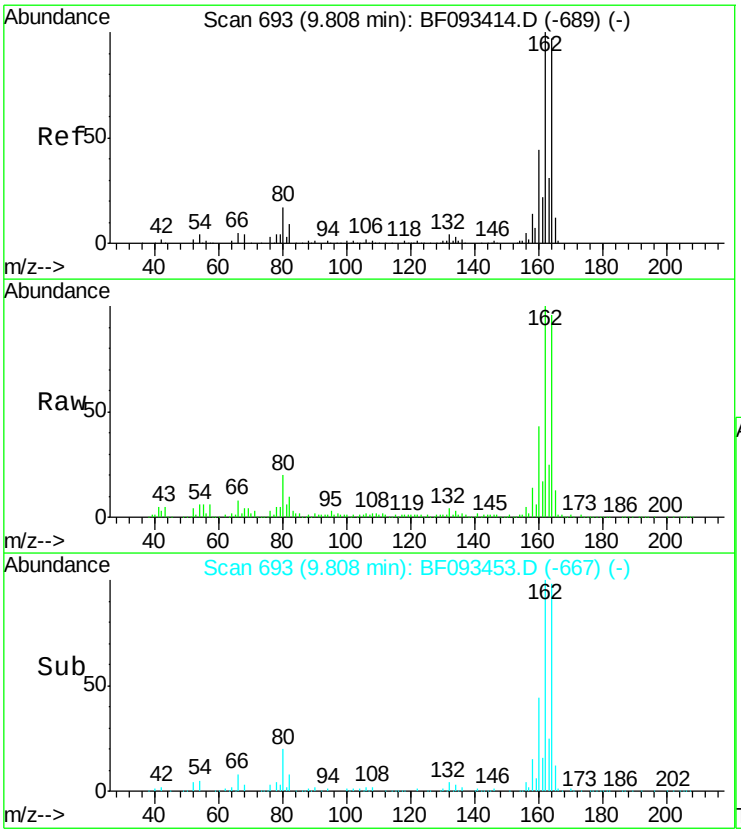
#37
2-Methylnaphthalene
Concen: 15.50 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:142 Resp: 284337

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	32.3	28.3	42.5

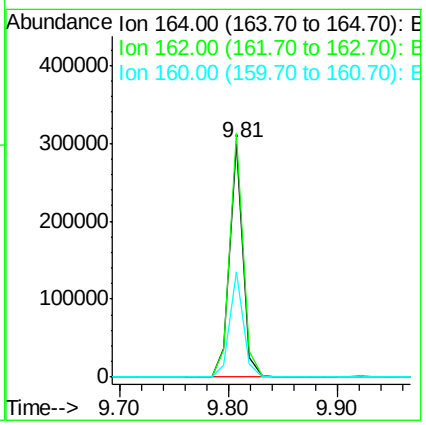


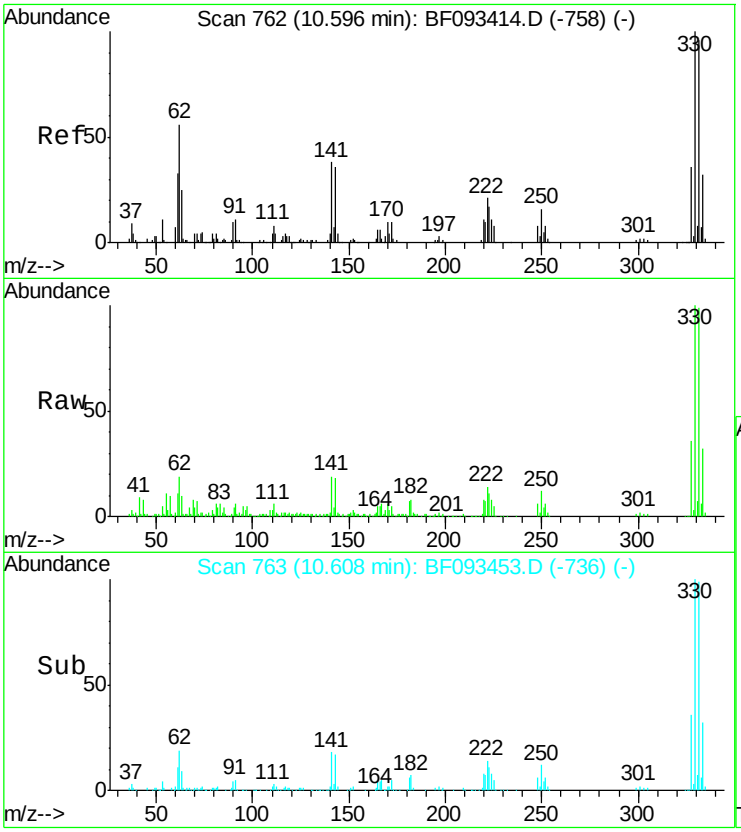


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:164 Resp: 251175

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.2	120.2
160	45.1	36.9	55.3



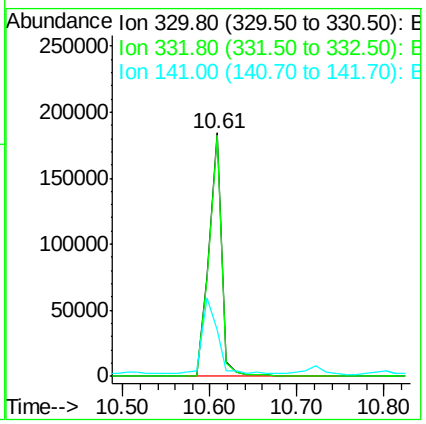


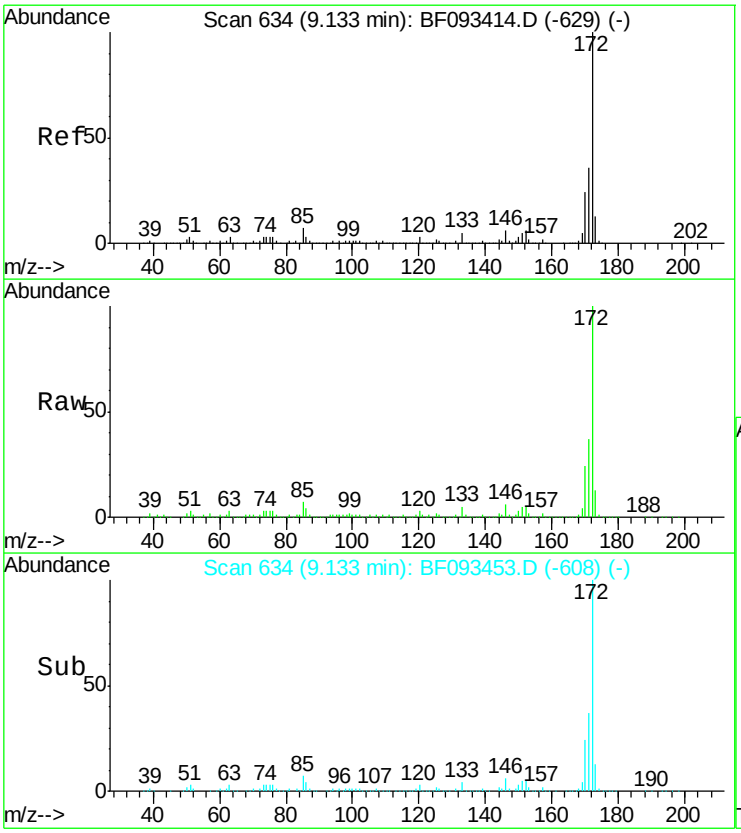
#41
2,4,6-Tribromophenol
Concen: 117.31 ng
RT: 10.61 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:330 Resp: 191970

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.2
141	36.1	34.1	51.1

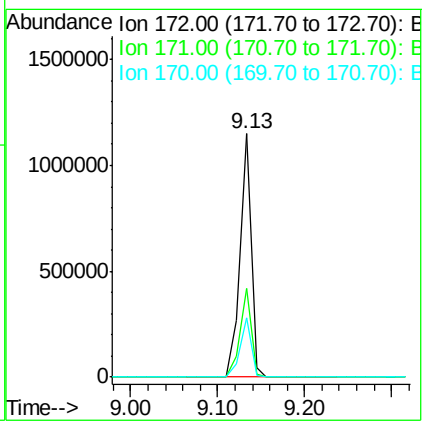


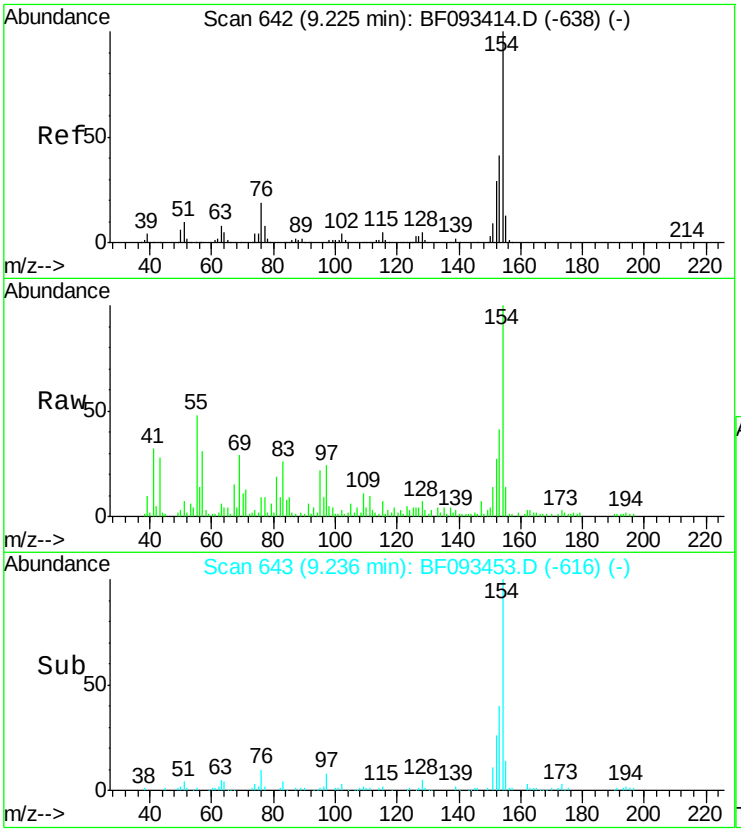


#44
2-Fluorobiphenyl
Concen: 75.28 ng
RT: 9.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:172 Resp: 1016561

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.3	20.2	30.4



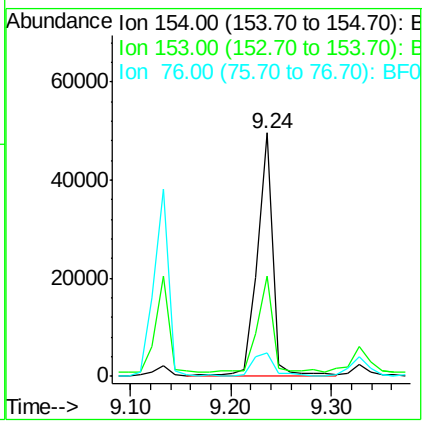


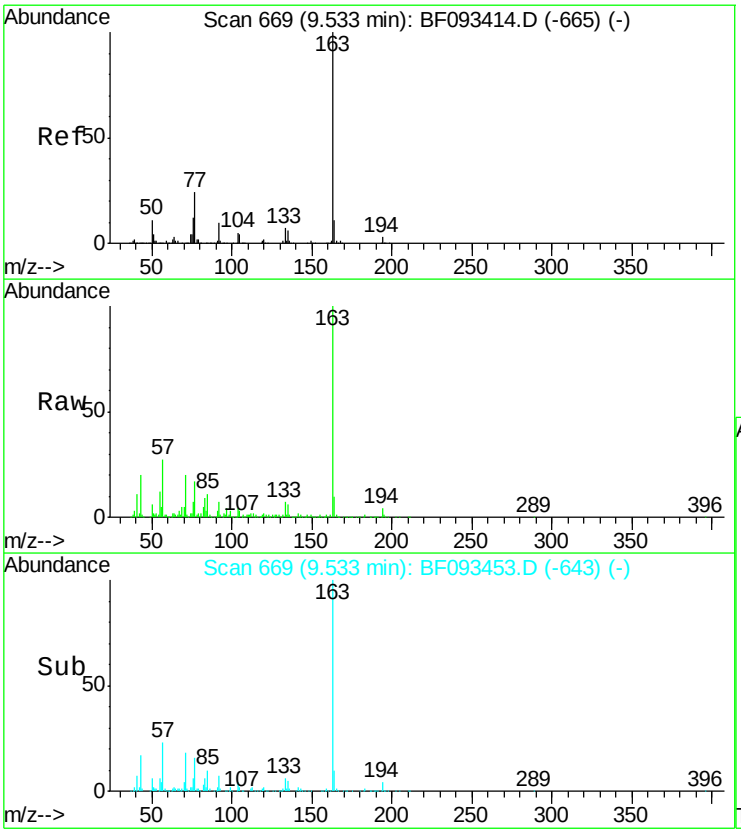
#45
1,1'-Biphenyl
Concen: 2.94 ng
RT: 9.24 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:154 Resp: 53757

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.9	60.9
76	9.5	0.0	30.5

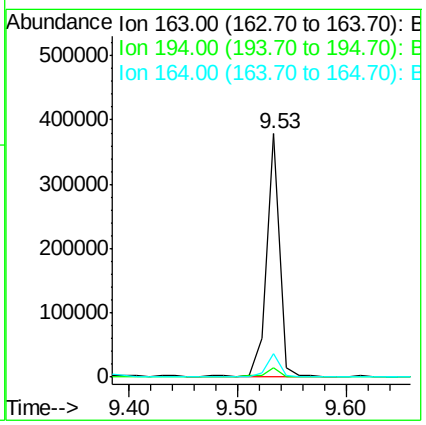


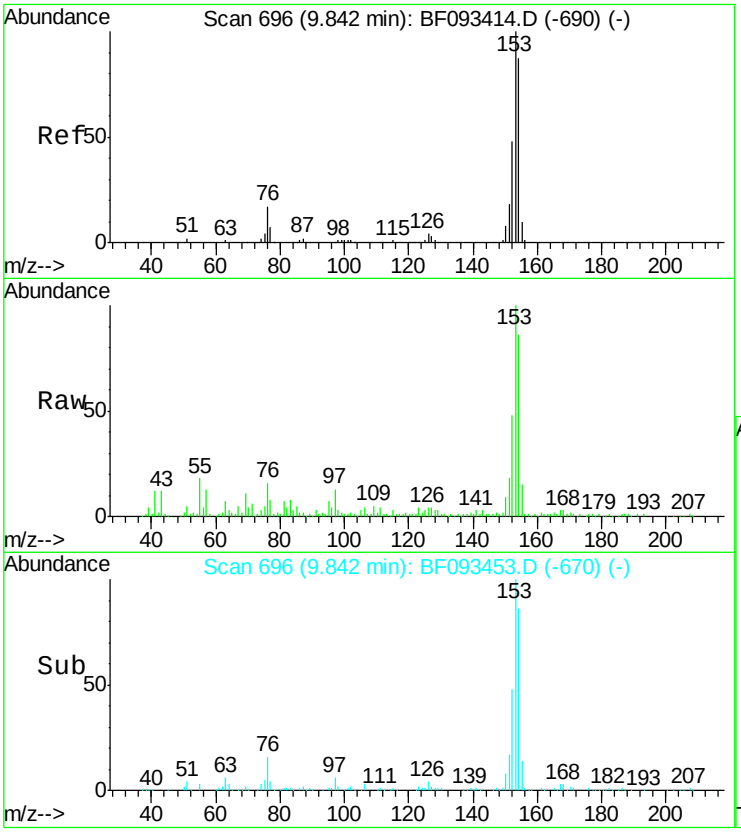


#49
Dimethylphthalate
Concen: 18.86 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:163 Resp: 313988

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.9	8.0	12.0



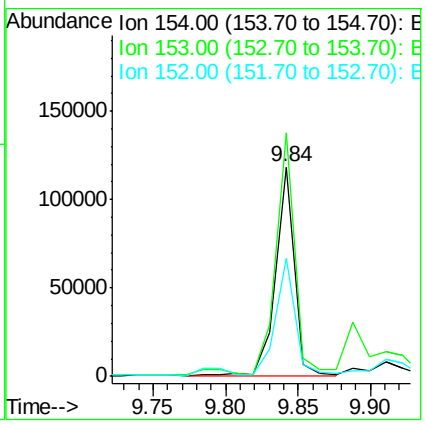


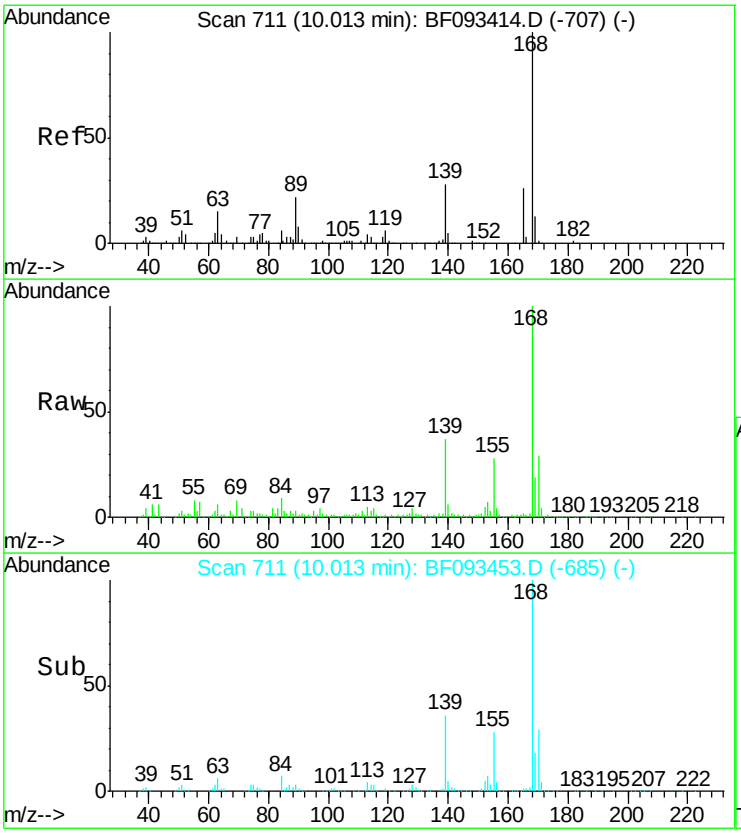
#51
Acenaphthene
Concen: 7.75 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:154 Resp: 105823

Ion	Ratio	Lower	Upper
154	100		
153	116.5	88.6	133.0
152	56.5	41.6	62.4

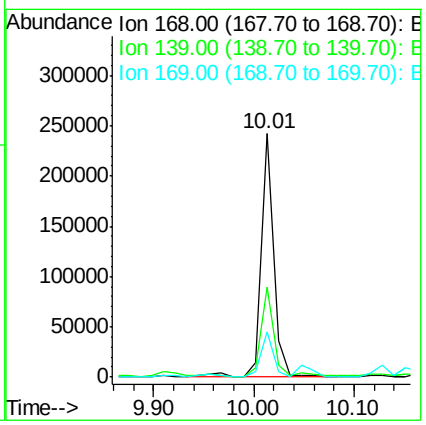


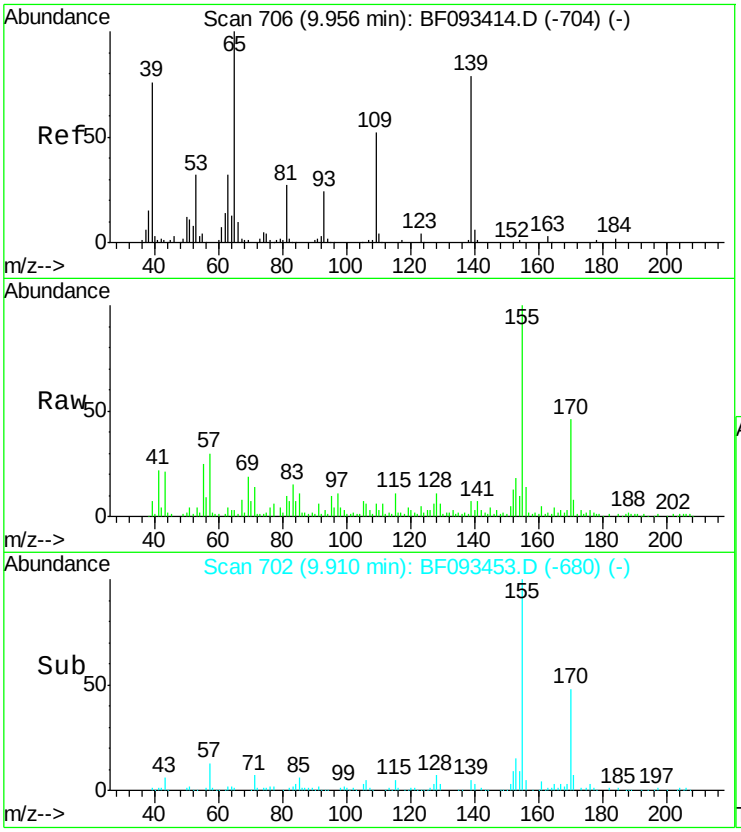


#54
Dibenzofuran
Concen: 12.21 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:168 Resp: 208743

Ion	Ratio	Lower	Upper
168	100		
139	36.9	32.6	49.0
169	18.7	11.3	16.9#



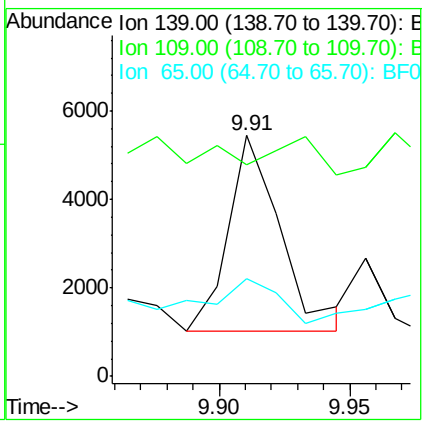


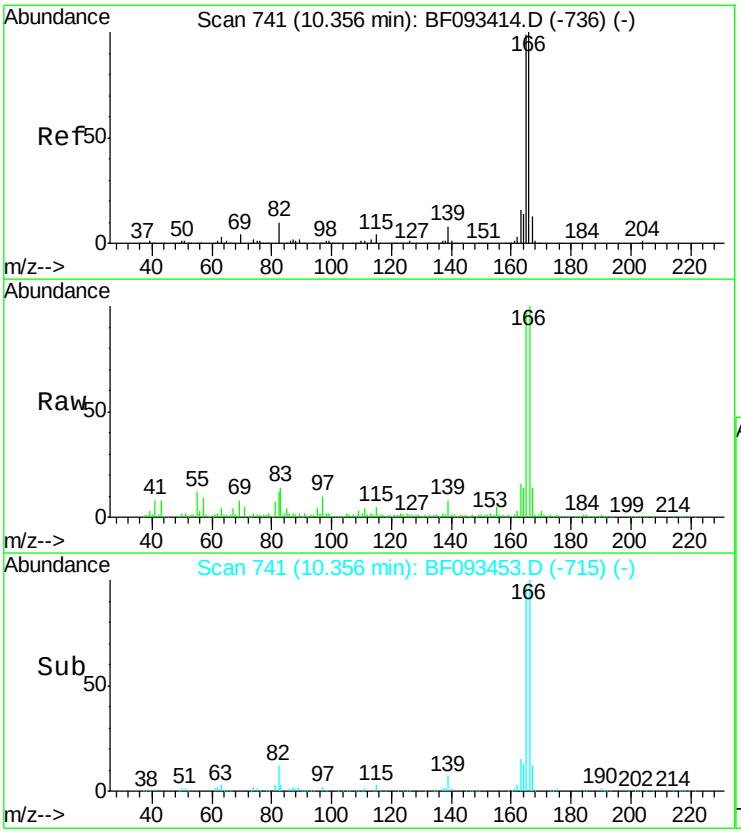
#55
4-Nitrophenol
Concen: 2.91 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:139 Resp: 6197

Ion	Ratio	Lower	Upper
139	100		
109	88.0	52.2	92.2
65	40.3	85.8	125.8#

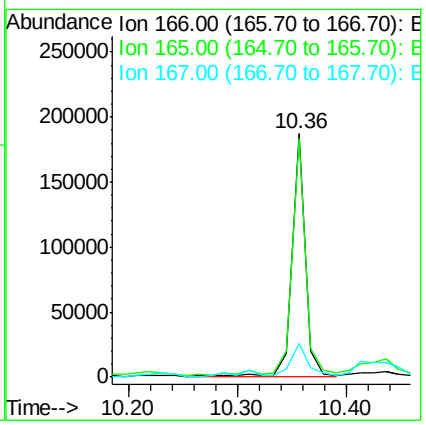


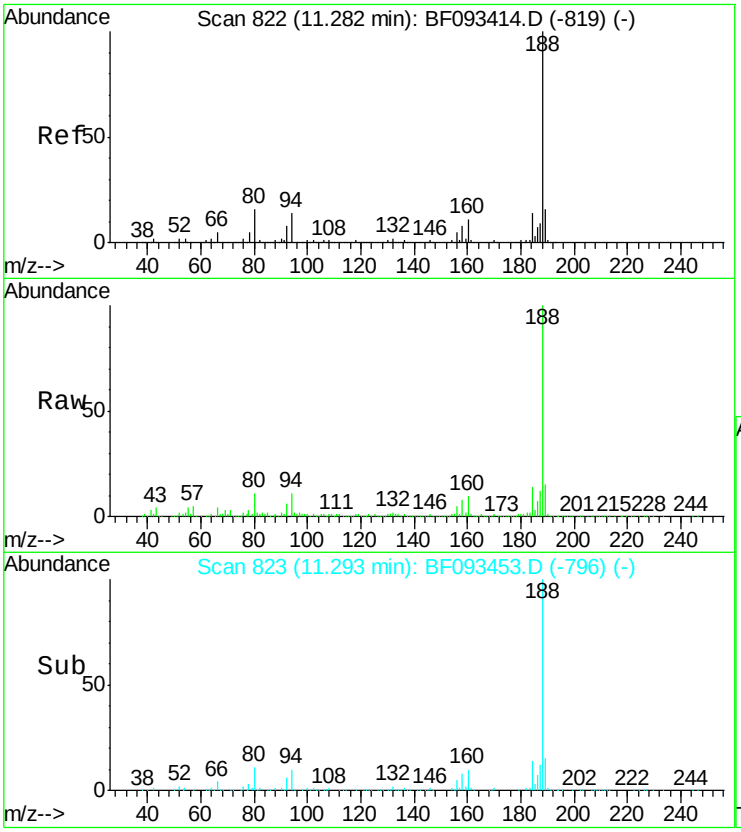


#57
Fluorene
Concen: 11.12 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:166 Resp: 161086

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.8
167	13.7	10.8	16.2



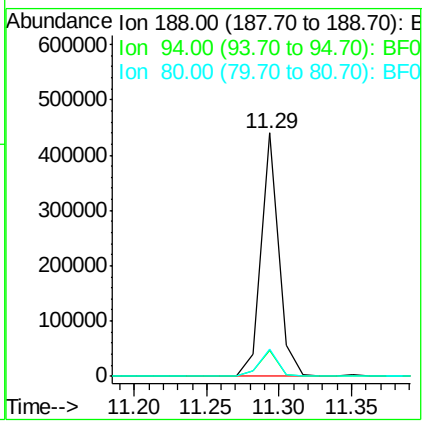


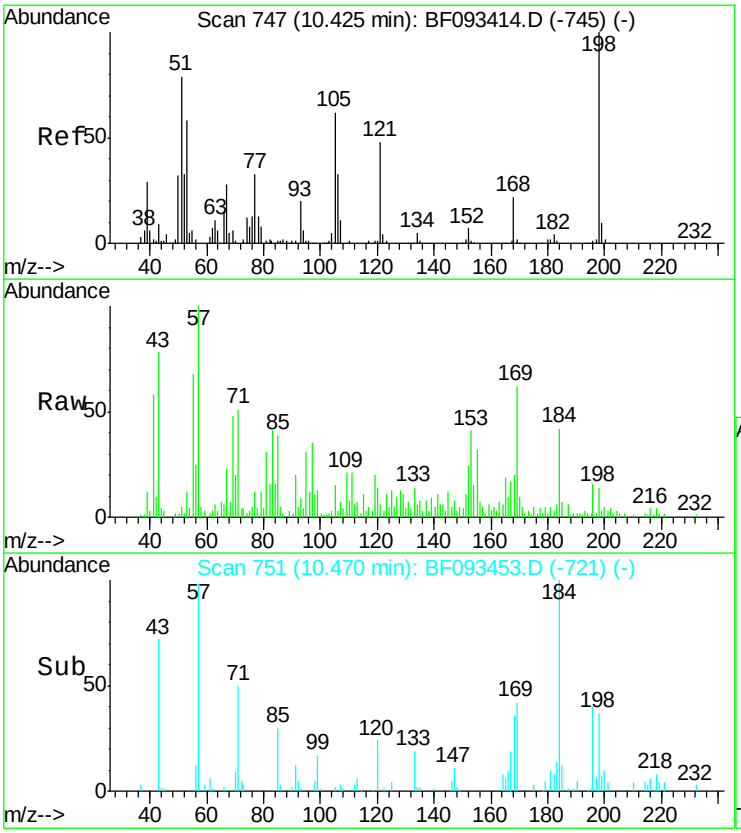
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:188 Resp: 371598

Ion	Ratio	Lower	Upper
188	100		
94	10.6	10.0	15.0
80	11.3	11.2	16.8

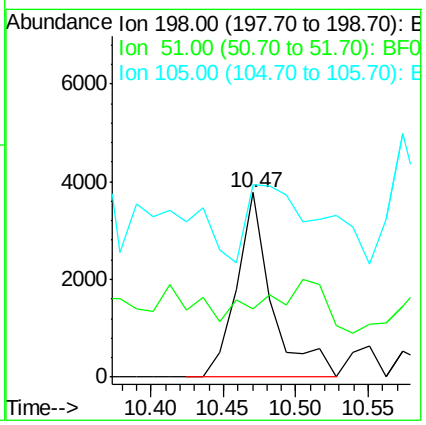


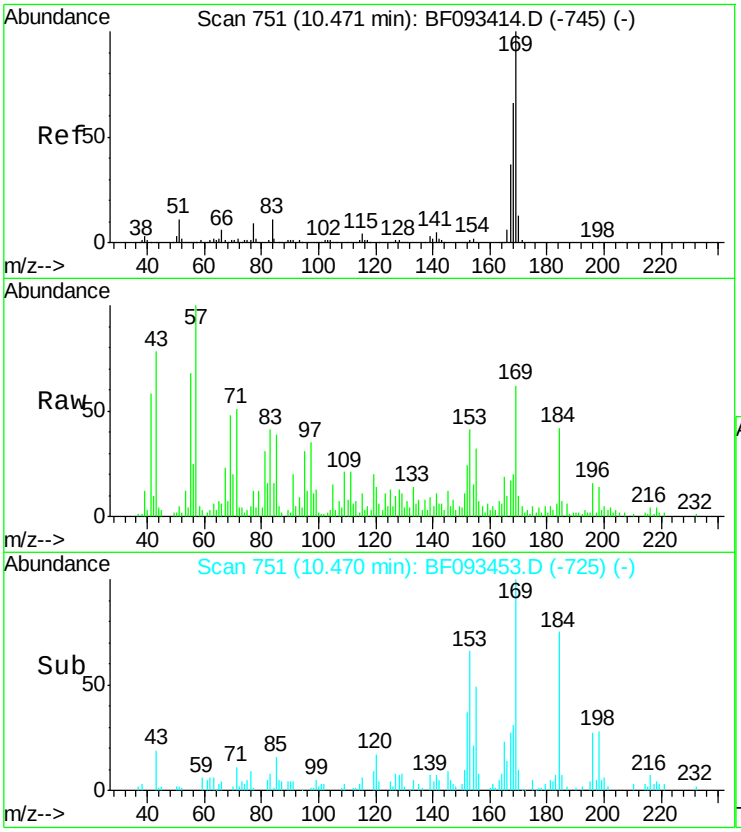


#64
4,6-Dinitro-2-methylphenol
Concen: 2.63 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.05 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:198 Resp: 6326

Ion	Ratio	Lower	Upper
198	100		
51	37.0	6.7	46.7
105	104.4	16.6	56.6#



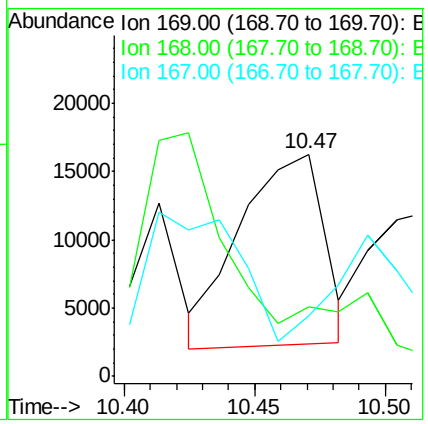


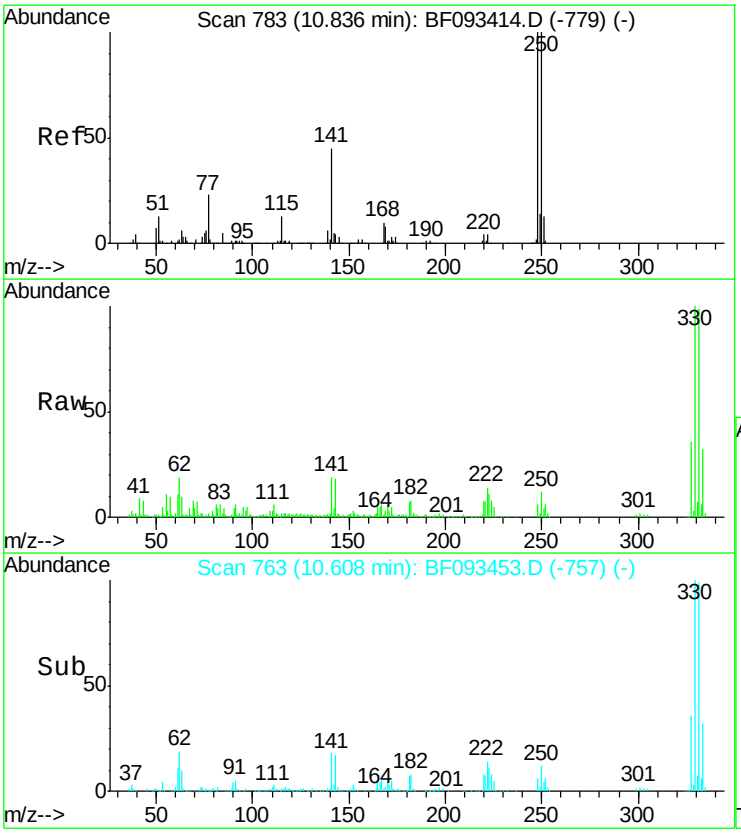
#65
n-Nitrosodiphenylamine
Concen: 2.53 ng
RT: 10.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:169 Resp: 31362

Ion	Ratio	Lower	Upper
169	100		
168	31.4	54.2	81.2#
167	27.3	30.2	45.4#

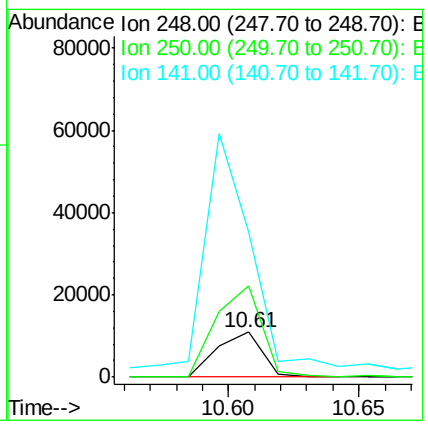


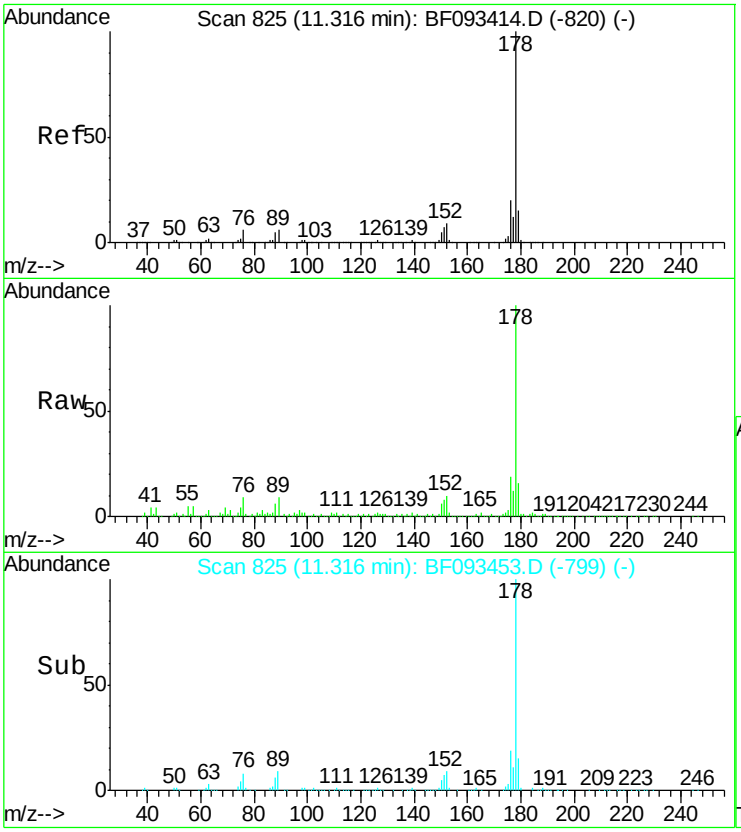


#66
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 10.61 min Scan# 763
Delta R.T. -0.23 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:248 Resp: 13051

Ion	Ratio	Lower	Upper
248	100		
250	203.6	76.9	115.3#
141	323.8	68.2	102.4#



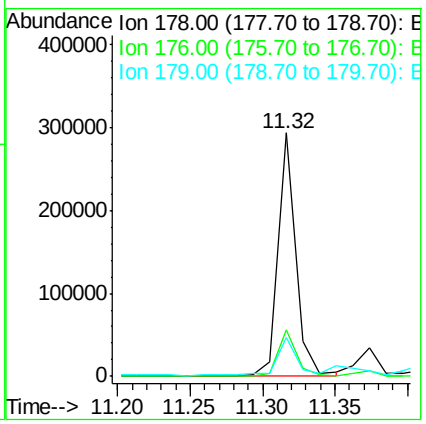


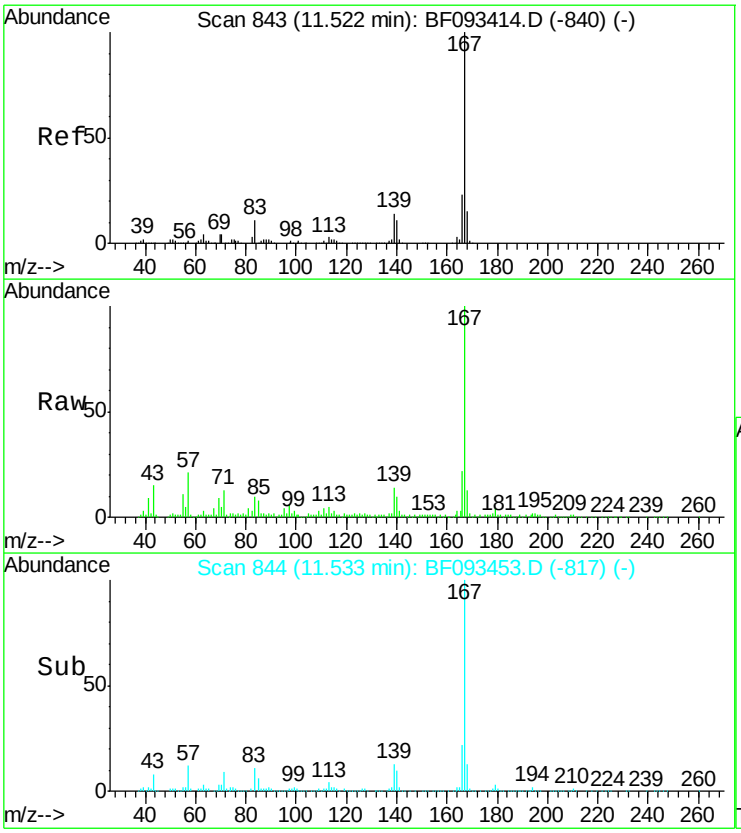
#70
Phenanthrene
Concen: 11.68 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:178 Resp: 247715

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.8	12.8	19.2

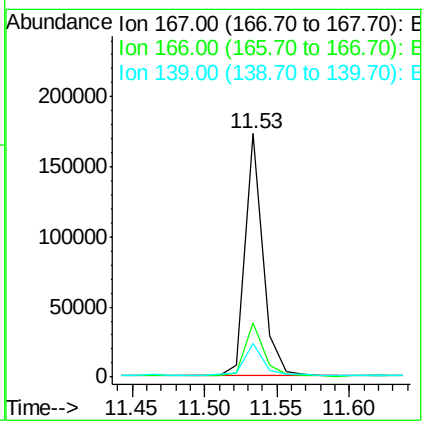


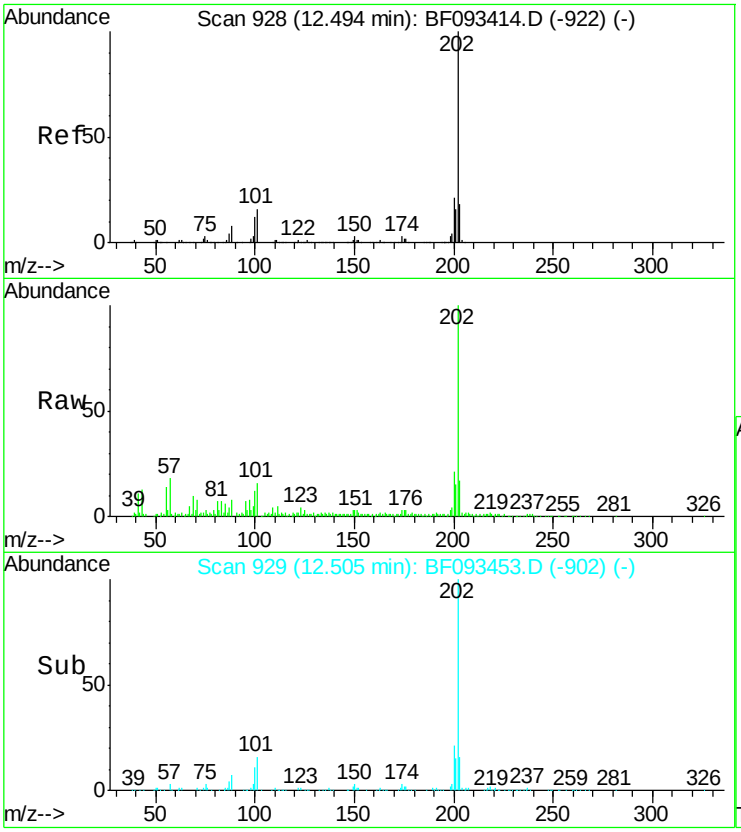


#72
Carbazole
Concen: 7.20 ng
RT: 11.53 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:167 Resp: 145166

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	14.0	11.4	17.2



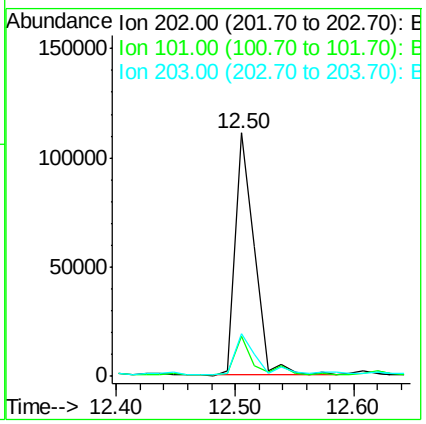


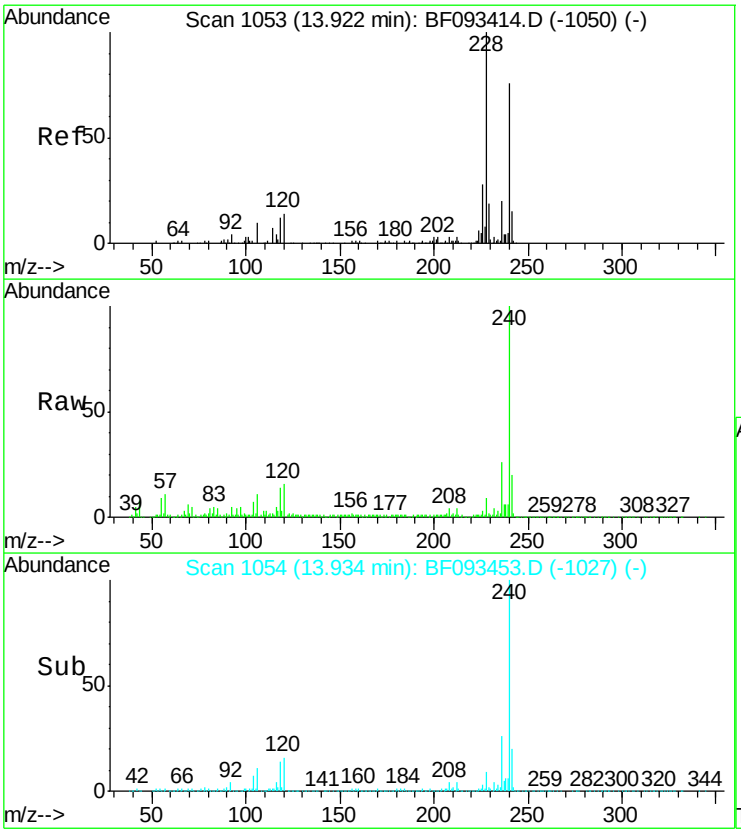
#74
Fluoranthene
Concen: 6.04 ng
RT: 12.50 min Scan# 929
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:202 Resp: 123851

Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	34.6
203	17.3	0.0	38.7

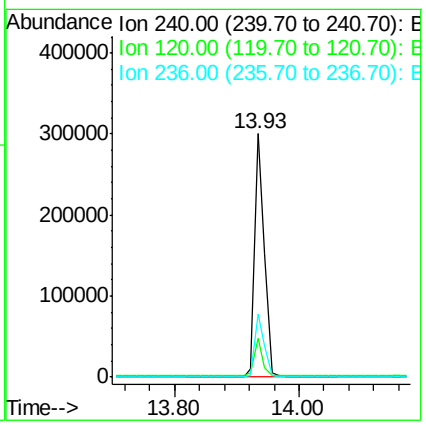


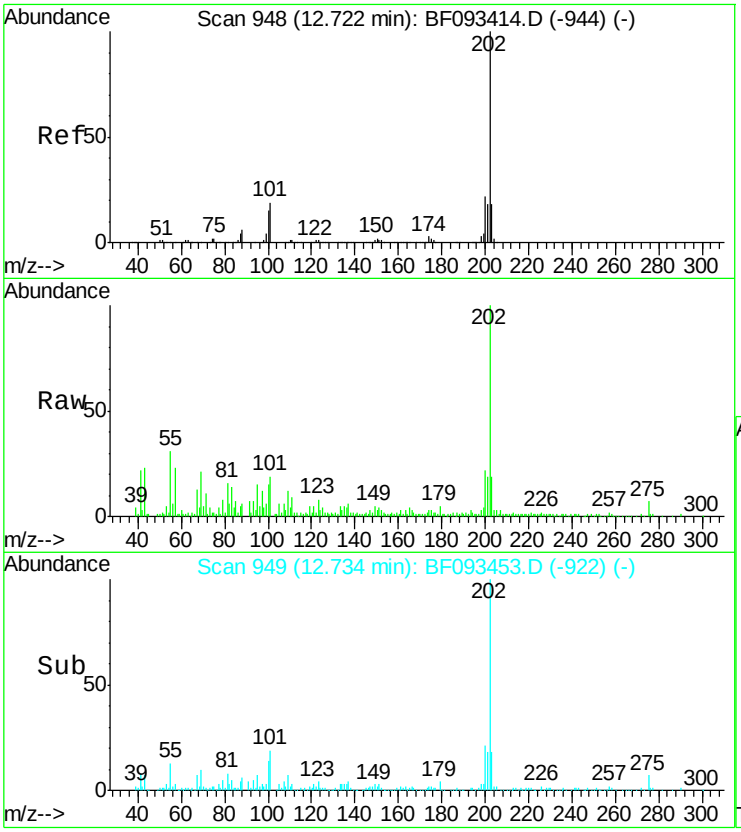


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:240 Resp: 329841

Ion	Ratio	Lower	Upper
240	100		
120	16.1	12.9	19.3
236	25.7	20.9	31.3



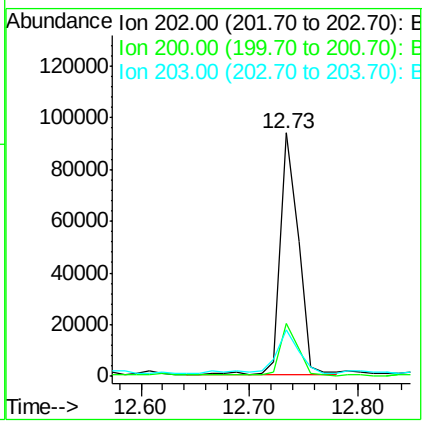


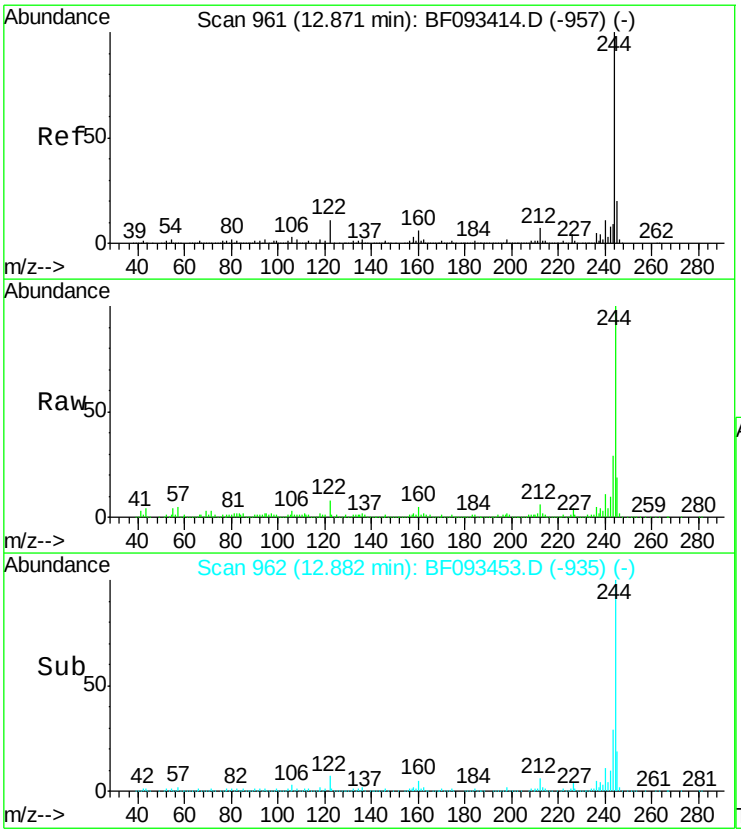
#77
Pyrene
Concen: 4.49 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:202 Resp: 107790

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	19.1	14.7	22.1

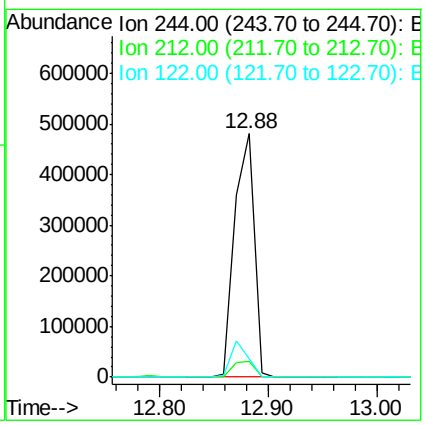


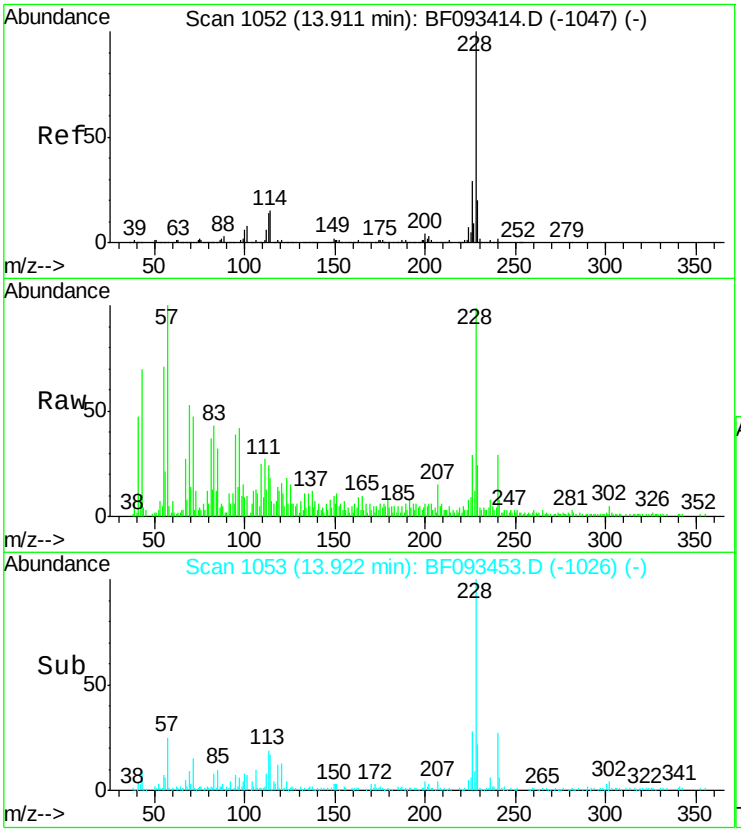


#78
Terphenyl-d14
Concen: 46.64 ng
RT: 12.88 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:244 Resp: 591683

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.2	9.2
122	7.7	11.4	17.2#



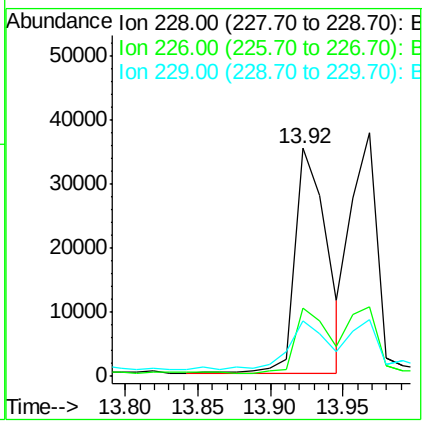


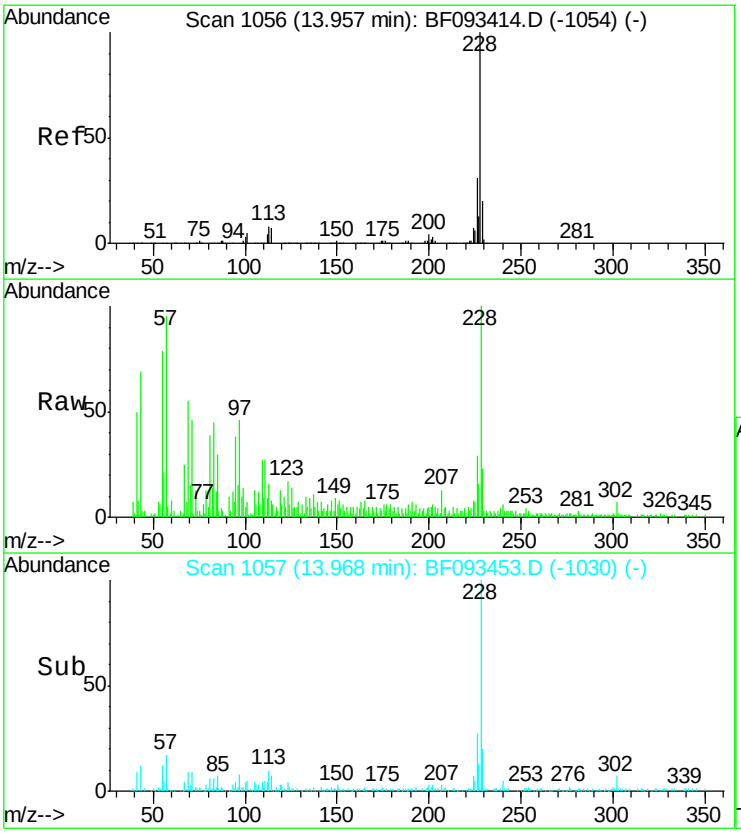
#80
Benzo(a)anthracene
Concen: 2.72 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:228 Resp: 53015

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.4	33.6
229	24.3	16.2	24.4

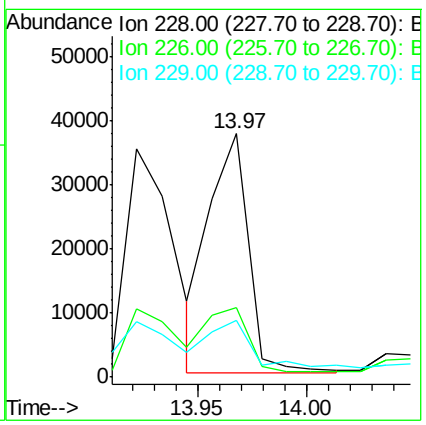


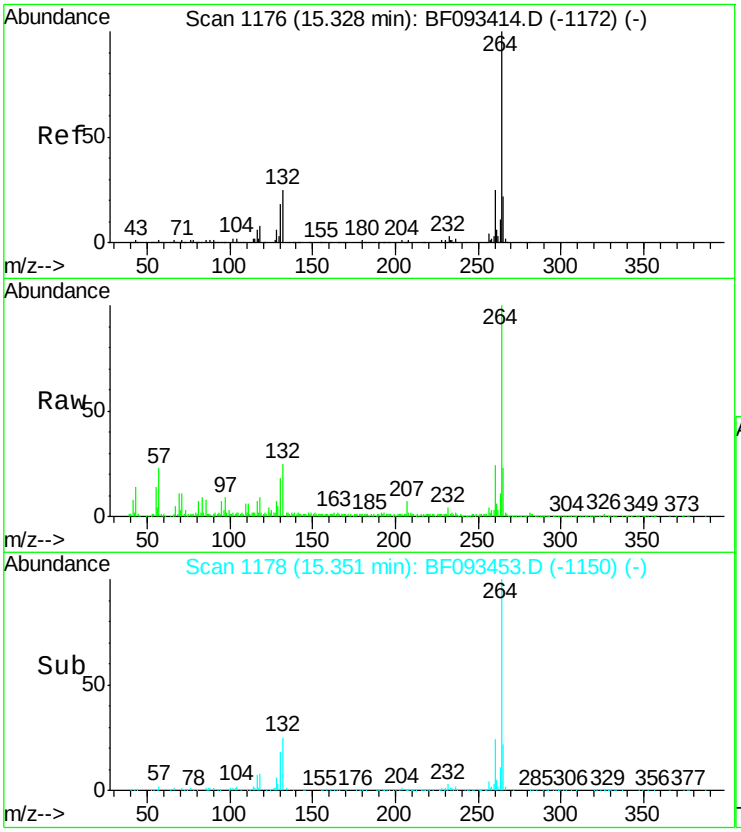


#82
Chrysene
Concen: 2.61 ng
RT: 13.97 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:228 Resp: 47111

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.4	38.0
229	23.3	16.2	24.2



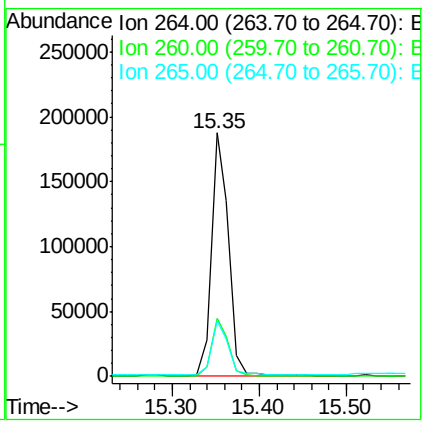


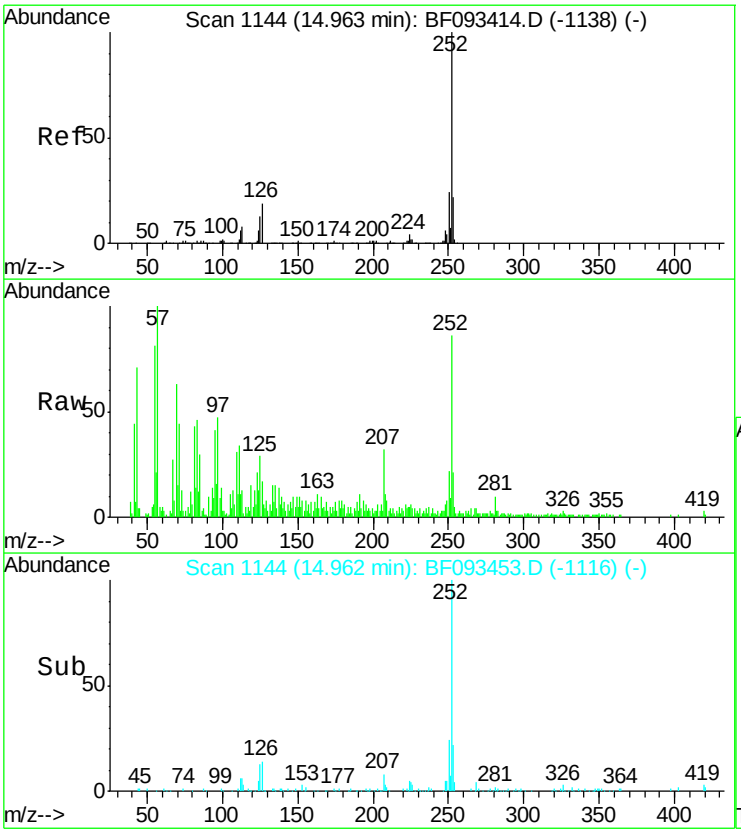
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:264 Resp: 255015

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.9	17.4	26.0

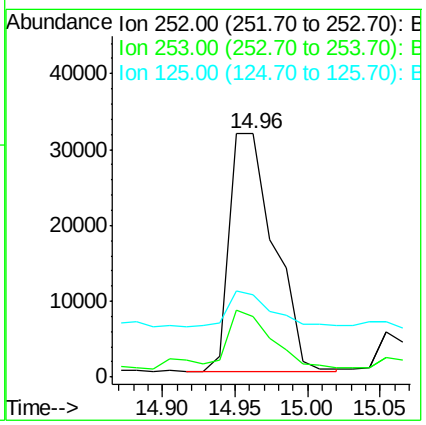


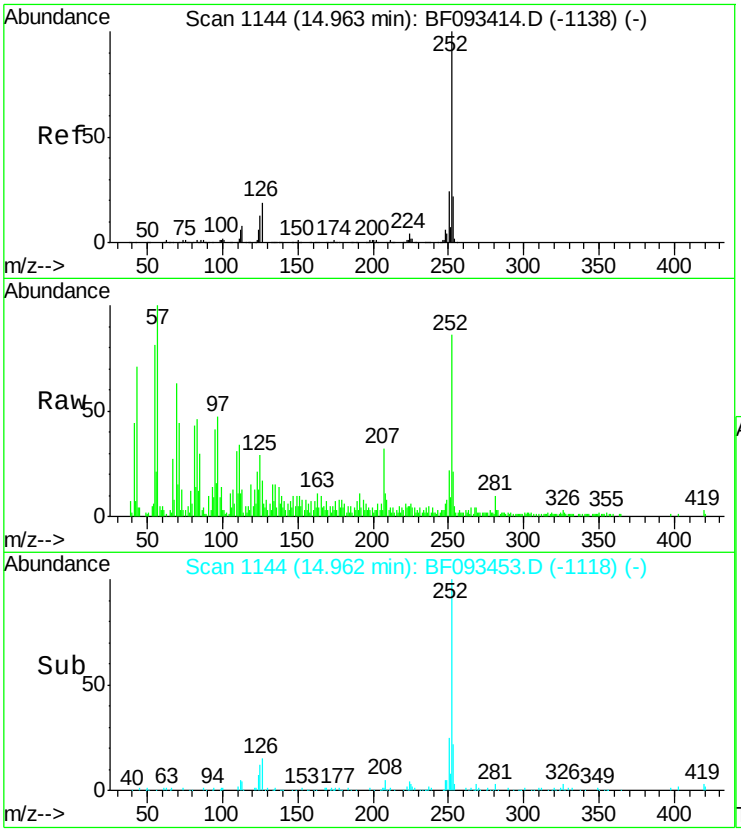


#87
Benzo(b)fluoranthene
Concen: 4.32 ng
RT: 14.96 min Scan# 1144
Delta R.T. 0.02 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:252 Resp: 67121

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.4
125	33.9	9.8	14.6#



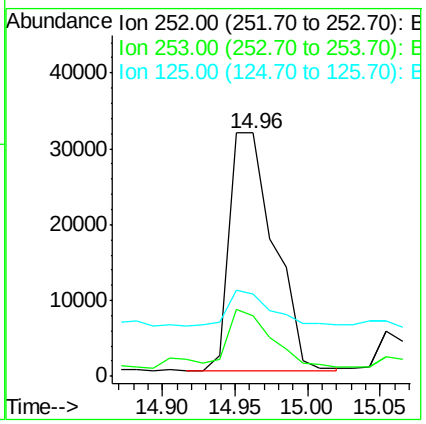


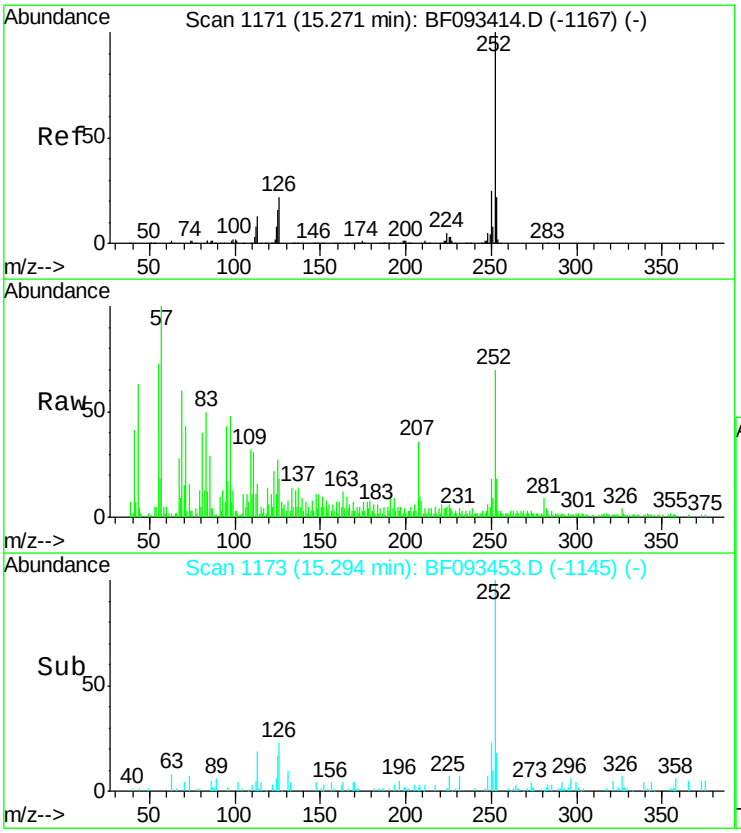
#88
Benzo(k)fluoranthene
Concen: 4.48 ng
RT: 14.96 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Instrument :
BNA_F
ClientSampleId :
E2-Z7-BASE

Tgt Ion:252 Resp: 67121

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.5	27.7
125	33.9	8.9	13.3#





#89
Benzo(a)pyrene
Concen: 2.52 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093453.D
Acq: 9 Mar 2017 2:34

Tgt Ion:252 Resp: 35729

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	39.2	10.0	15.0#