Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\

Quantitation Report (Not Reviewed)

Data File : BF093228.D
Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B-1E-NSW-1

Quant Time: Feb 28 02:45:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 00:51:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	164010	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	608914	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	276187	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	441396	20.00	ng		0.00
75) Chrysene-d12	13.99	240	308168	20.00	ng		0.00
86) Perylene-d12	15.43	264	277997	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1033706	108.13	ng		0.01
7) Phenol-d6	6.48	99	1454040	118.21	ng		0.00
23) Nitrobenzene-d5	7.39	82	902286	82.52	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	198412	99.33	ng		-0.01
44) 2-Fluorobiphenyl	9.18	172	1432230	93.95	ng		0.00
78) Terphenyl-d14	12.93	244	965593	73.62	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	118305	15.11	ng	#	77
25) Isophorone	7.39	82	876001	42.99	ng	#	65
31) Naphthalene	8.12	128	191347	6.20	ng		99
32) Benzoic acid	7.90	122	2071	7.50	ng	#	50
33) 4-Chloroaniline	8.12	127	25435	2.10	ng	#	34
49) Dimethylphthalate	9.58	163	448513	24.11	ng		98
51) Acenaphthene	9.89	154	100233	6.20	ng		94
54) Dibenzofuran	10.06	168	90863	4.20	ng	#	89
55) 4-Nitrophenol	10.06	139	31547	9.53	ng	#	6
57) Fluorene	10.41	166	88364	5.31	ng		97
64) 4,6-Dinitro-2-methylphenol	10.65	198	460	2.83	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	14756	3.20	ng	#	1
70) Phenanthrene	11.37	178	925263	36.59	ng		99
71) Anthracene	11.41	178	304994	12.01	ng		98
72) Carbazole	11.57	167	114486	4.72	ng		99
74) Fluoranthene	12.56	202	1275039	48.88	ng		97
77) Pyrene	12.78	202	1117317	48.45	ng		99
80) Benzo(a)anthracene	13.99	228	764793	40.58	ng		98
82) Chrysene	14.02	228	590901	33.48	ng		97
85) Indeno(1,2,3-cd)pyrene	16.82	276	333459	24.40	ng		97
87) Benzo(b)fluoranthene	15.01	252	1114208	60.89	ng	#	97
88) Benzo(k)fluoranthene	15.01	252	1114208	70.53	ng	#	97
89) Benzo(a)pyrene	15.37	252	603536	38.13	ng		98
90) Dibenzo(a,h)anthracene	16.82	278	98929	7.73	ng	#	77
91) Benzo(g,h,i)perylene	17.24	276	305340	23.63	ng	#	90

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

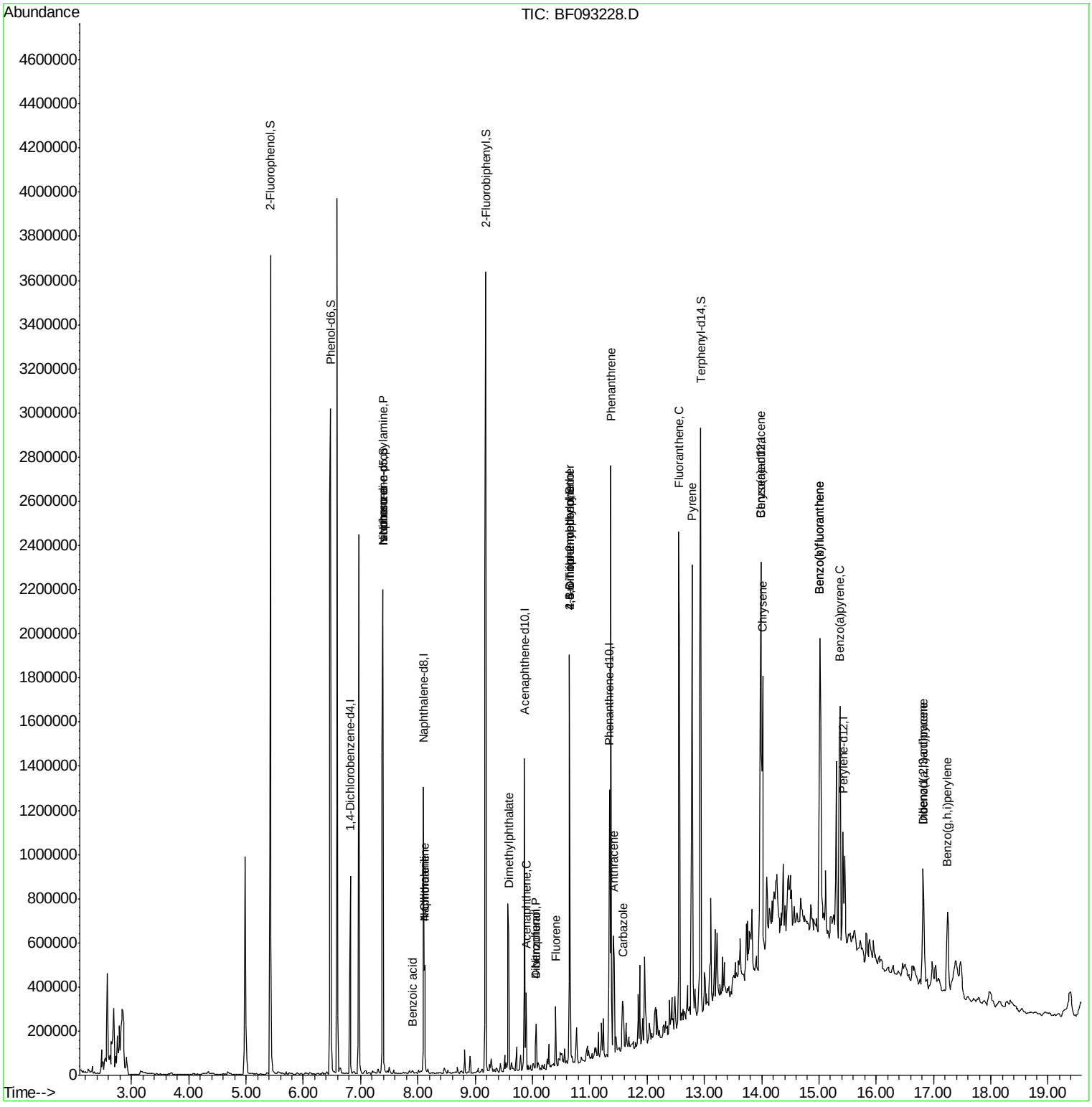
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\

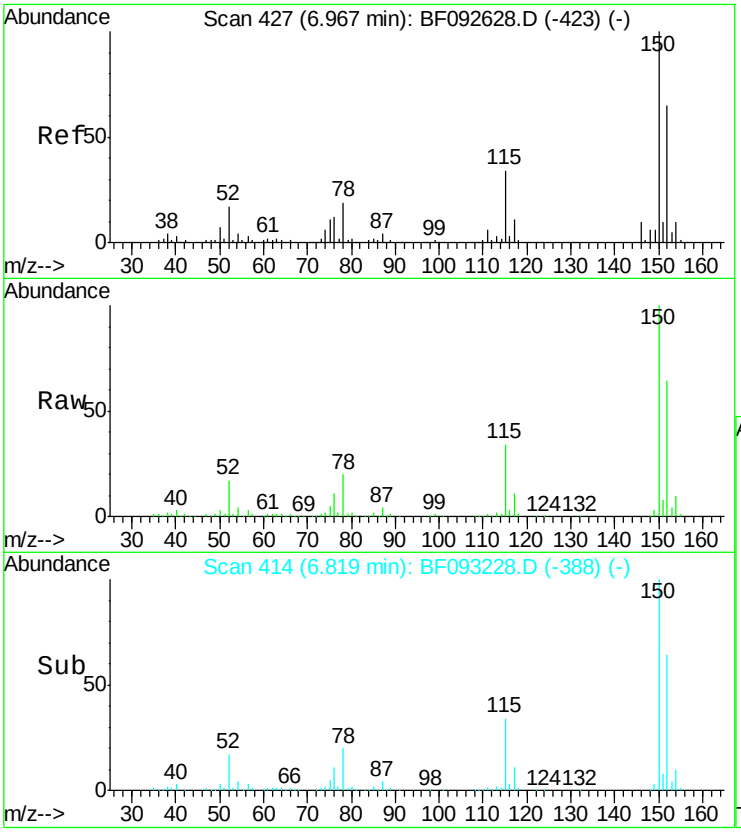
Quantitation Report (Not Reviewed)

Data File : BF093228.D
Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Quant Time: Feb 28 02:45:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 00:51:02 2017
Response via : Initial Calibration



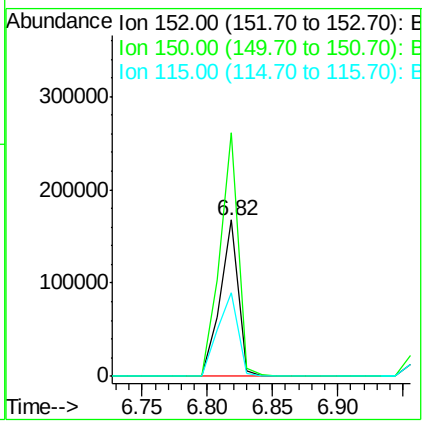


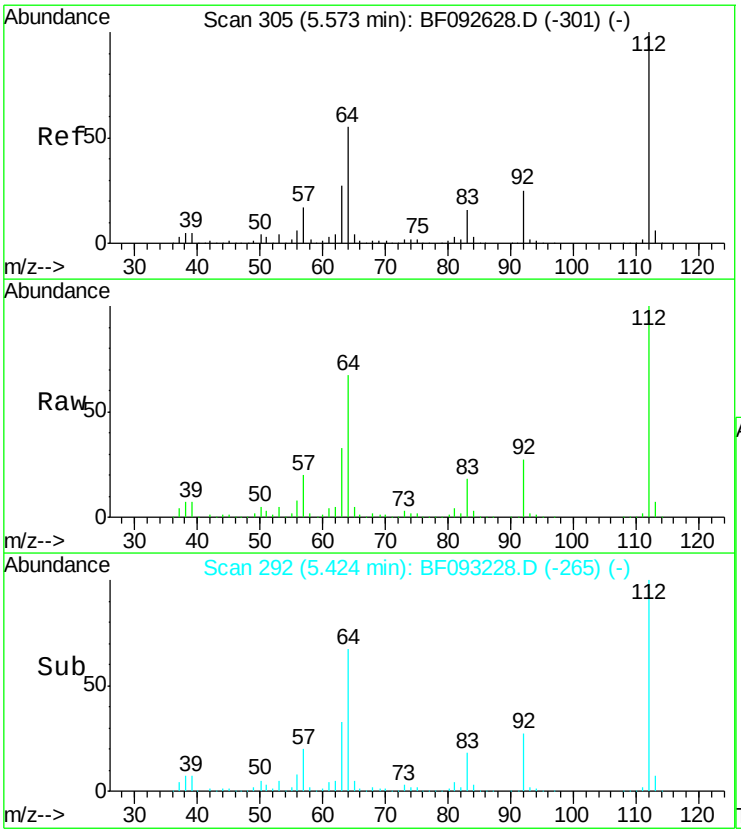
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:152 Resp: 164010

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.9	187.3
115	53.2	46.0	69.0

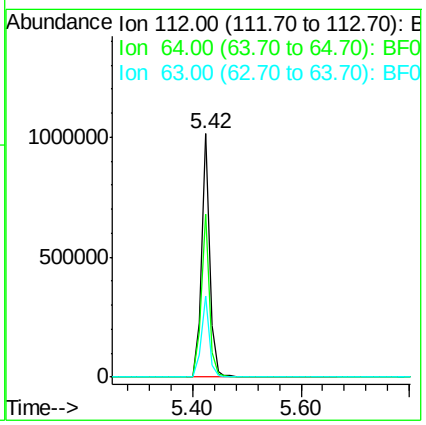


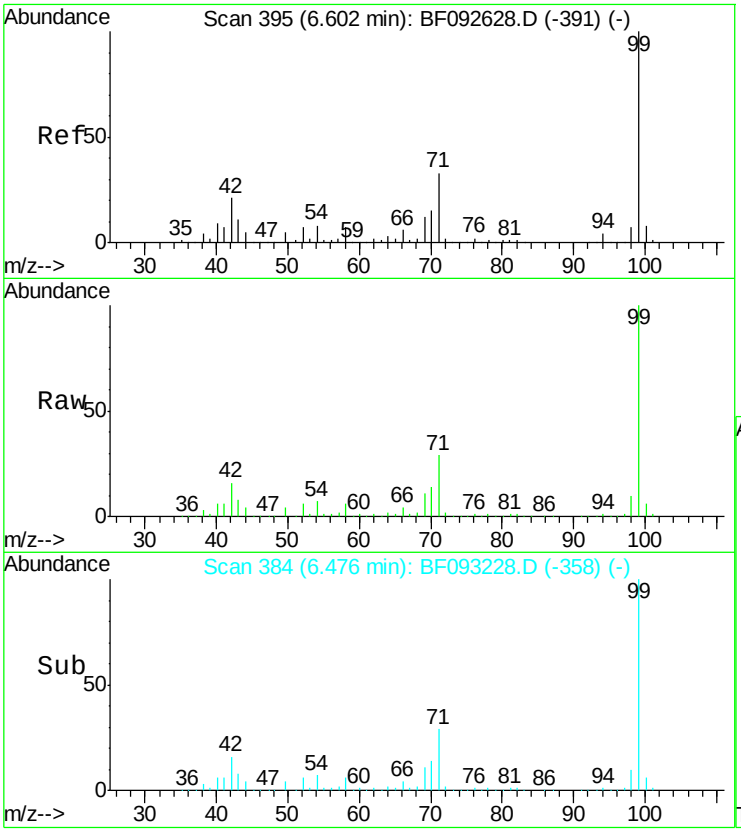


#5
2-Fluorophenol
Concen: 108.13 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:112 Resp: 1033706

Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.1	69.1
63	33.3	23.8	35.6



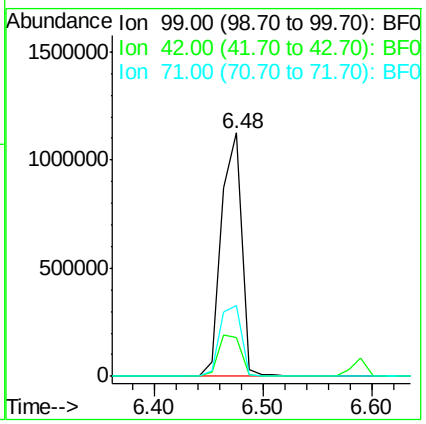


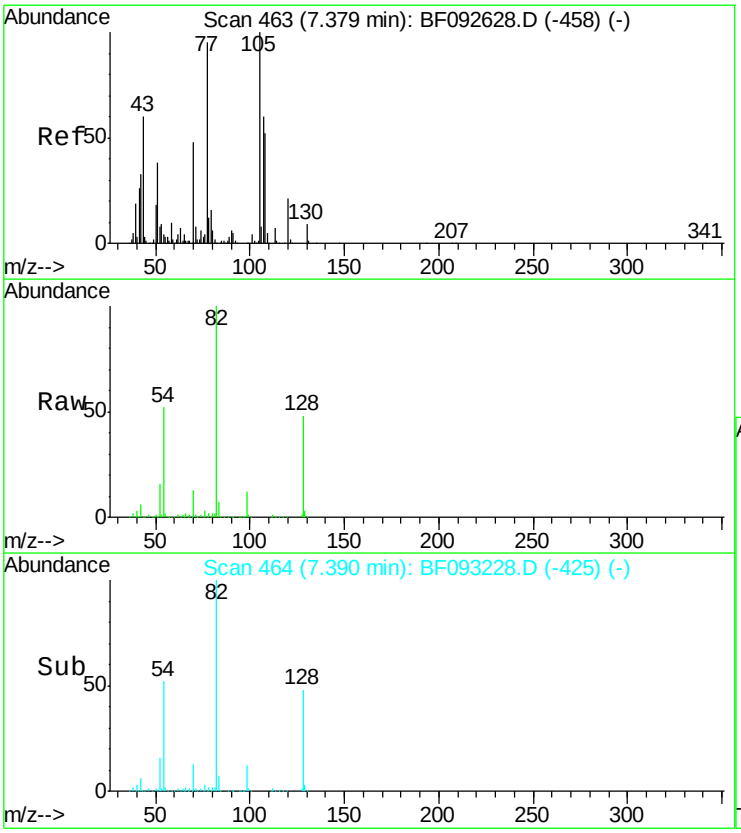
#7
Phenol-d6
Concen: 118.21 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion: 99 Resp: 1454040

Ion	Ratio	Lower	Upper
99	100		
42	16.1	15.6	23.4
71	29.1	27.5	41.3

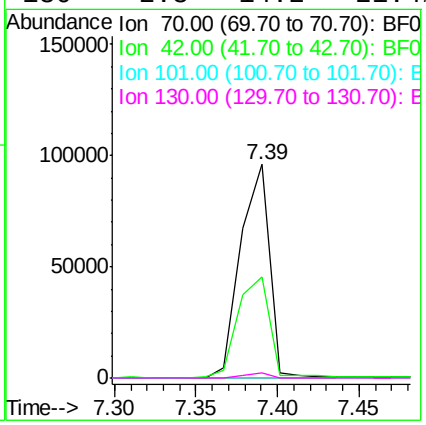


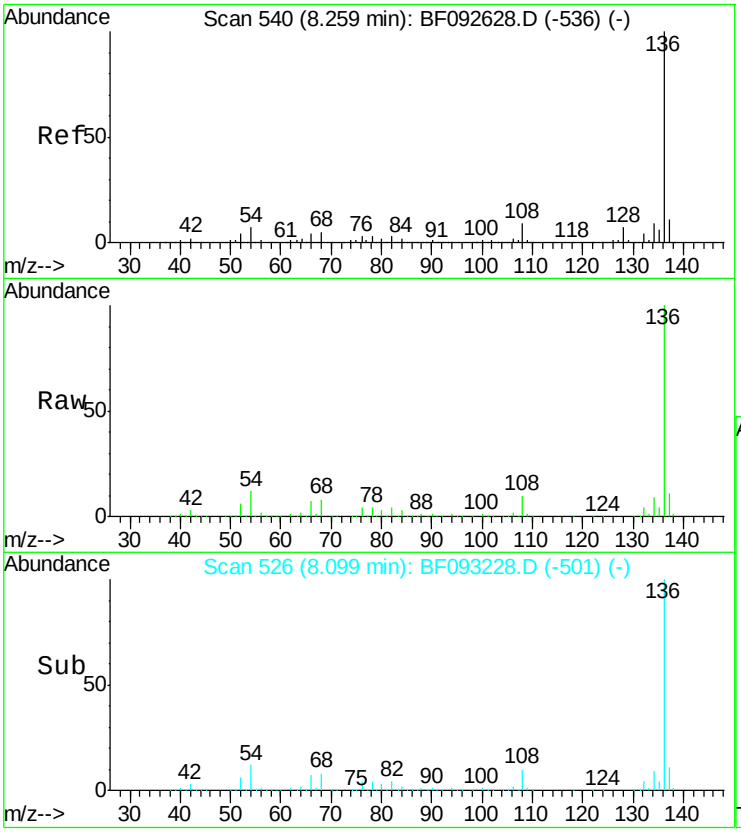


#19
n-Nitroso-di-n-propylamine
Concen: 15.11 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion: 70 Resp: 118305

Ion	Ratio	Lower	Upper
70	100		
42	47.2	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



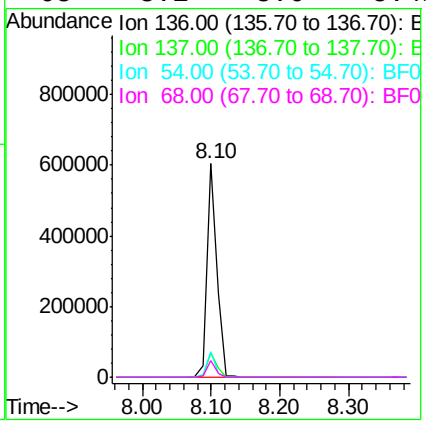


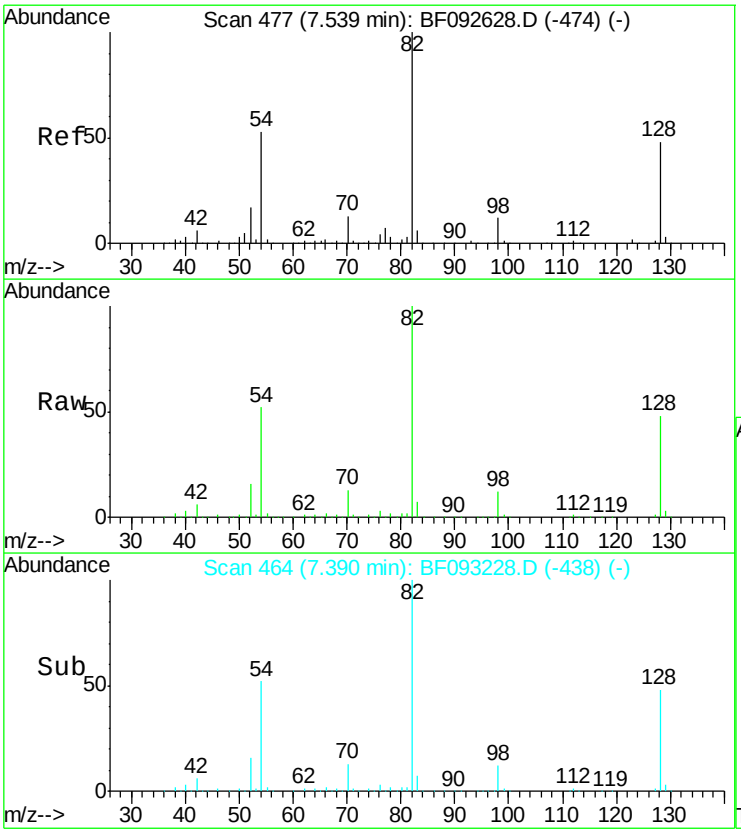
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:136 Resp: 608914

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	12.0	4.5	6.7#
68	8.1	3.6	5.4#

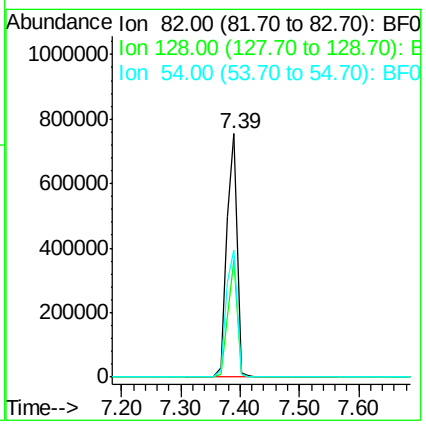


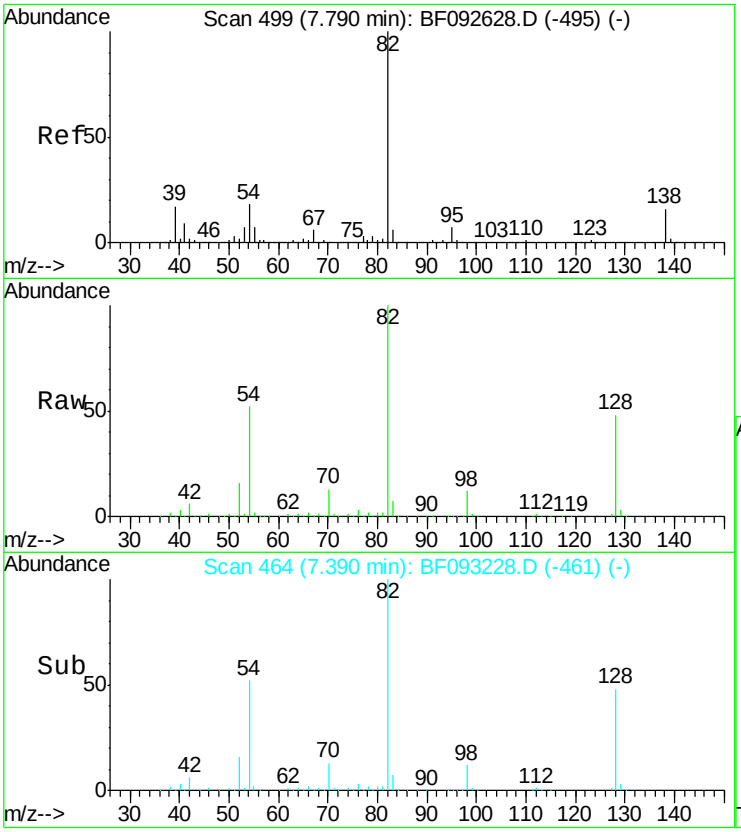


#23
Nitrobenzene-d5
Concen: 82.52 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion: 82 Resp: 902286

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.6	52.0
54	52.0	39.5	59.3



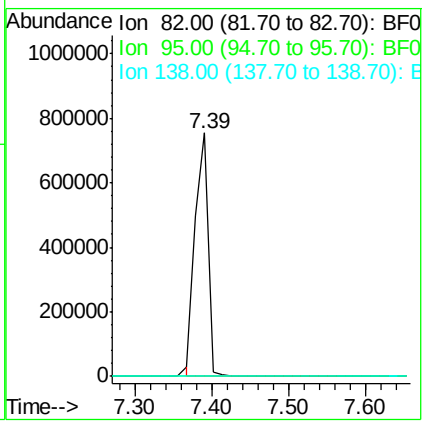


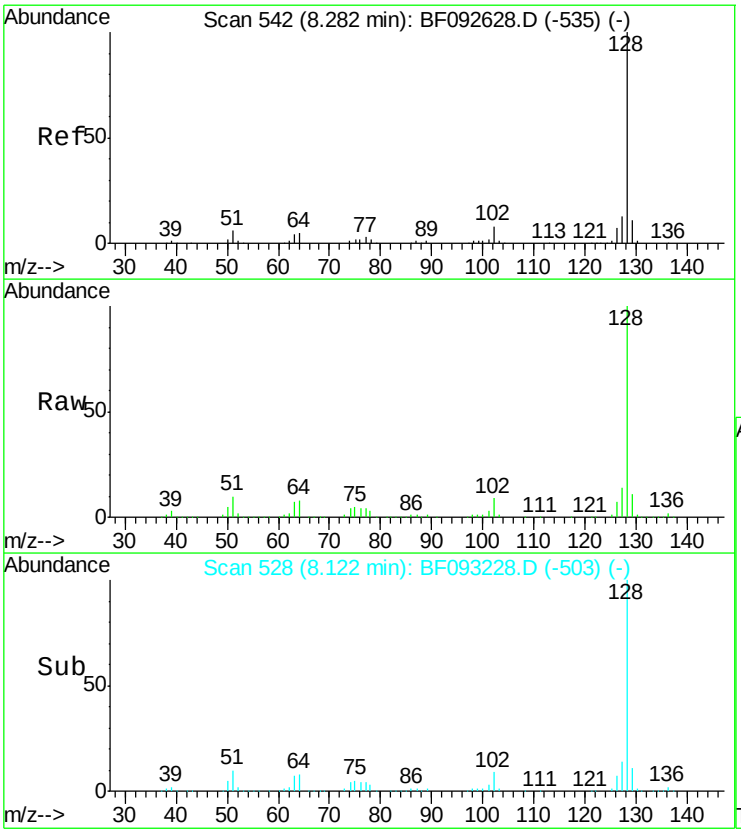
#25
Isophorone
Concen: 42.99 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.26 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion: 82 Resp: 876001

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

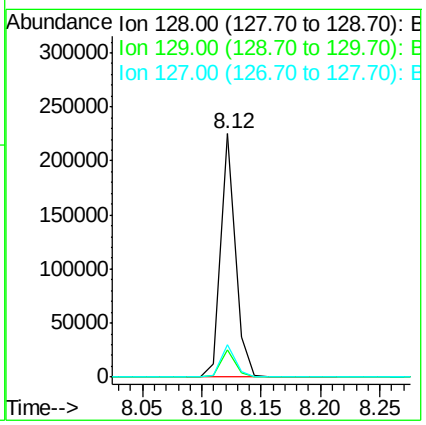


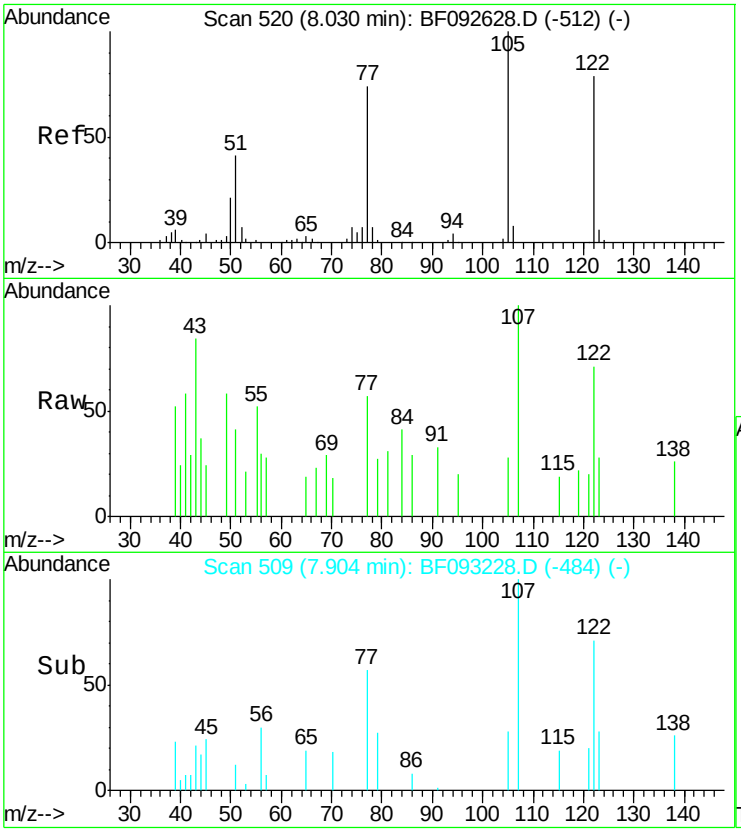


#31
Naphthalene
Concen: 6.20 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:128 Resp: 191347

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.5	10.8	16.2



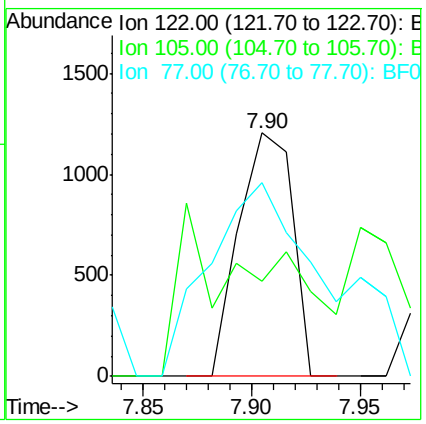


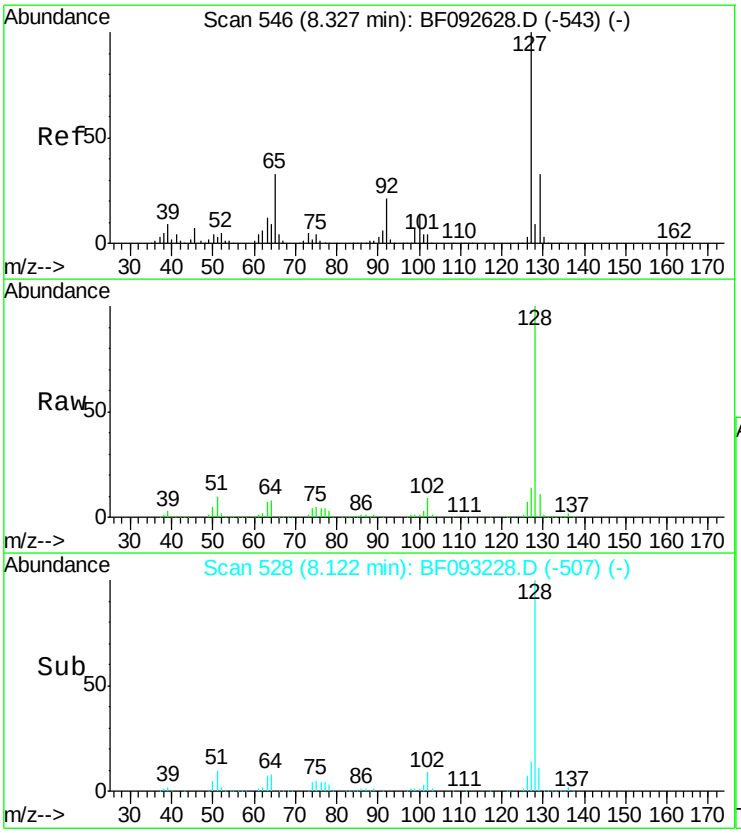
#32
Benzoic acid
Concen: 7.50 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:122 Resp: 2071

Ion	Ratio	Lower	Upper
122	100		
105	39.1	107.2	147.2#
77	79.6	74.5	114.5

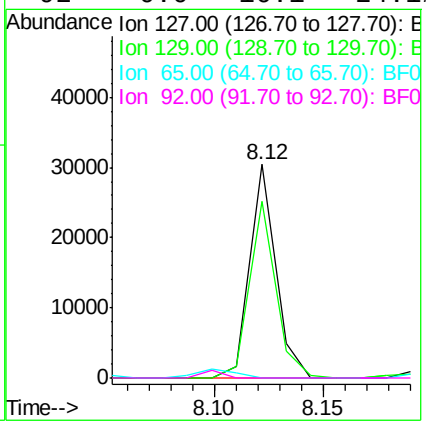


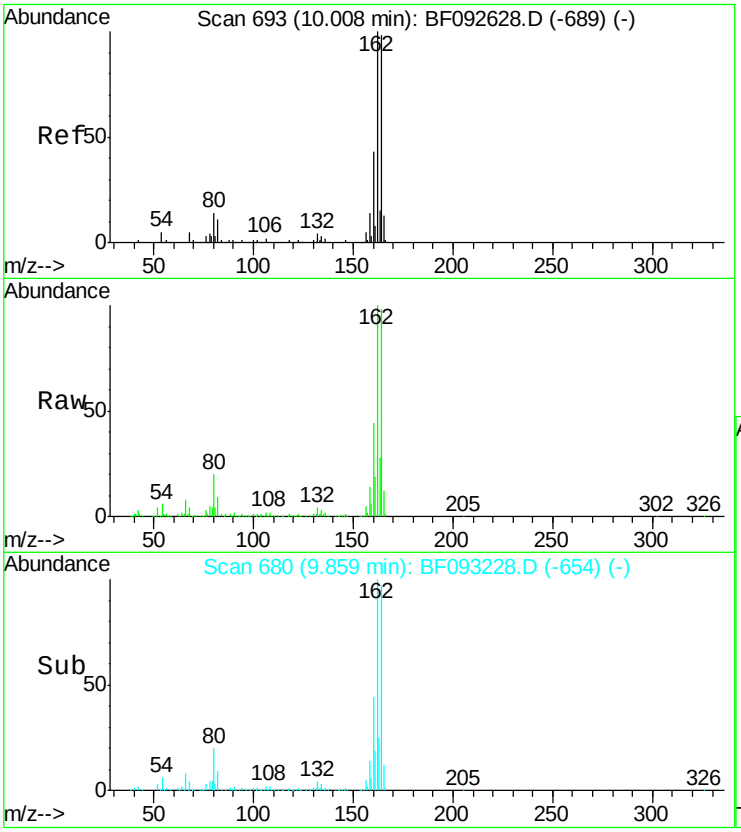


#33
4-Chloroaniline
Concen: 2.10 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:127 Resp: 25435

Ion	Ratio	Lower	Upper
127	100		
129	82.9	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#



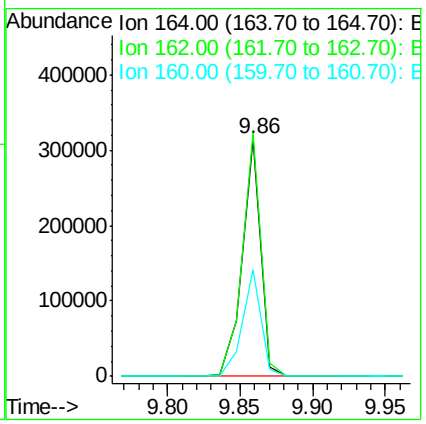


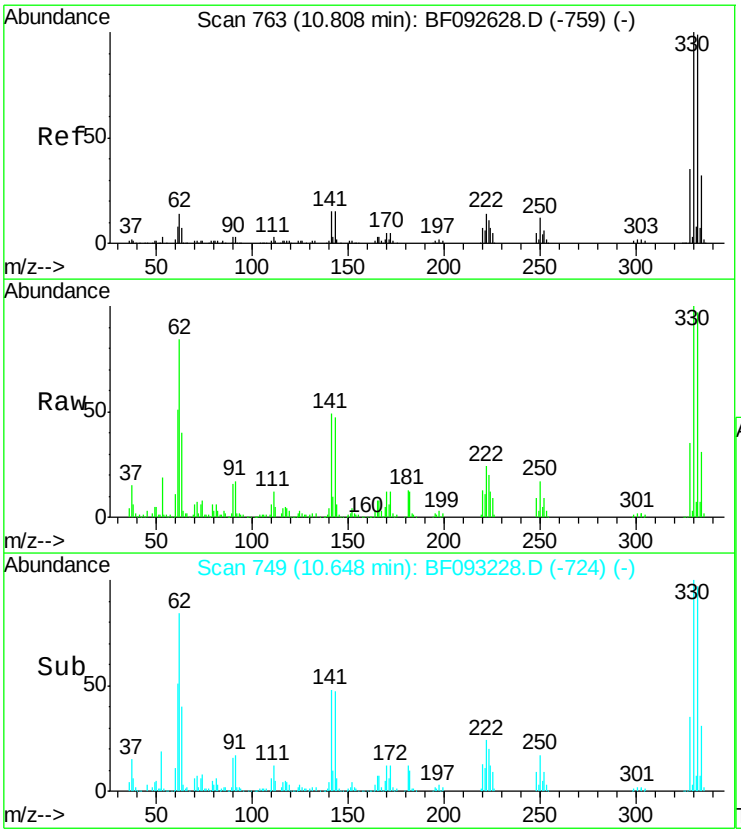
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:164 Resp: 276187

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.2
160	44.8	36.9	55.3

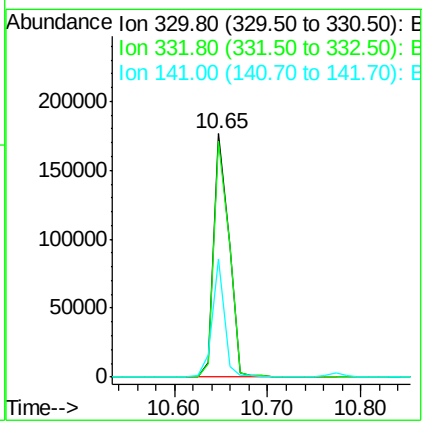


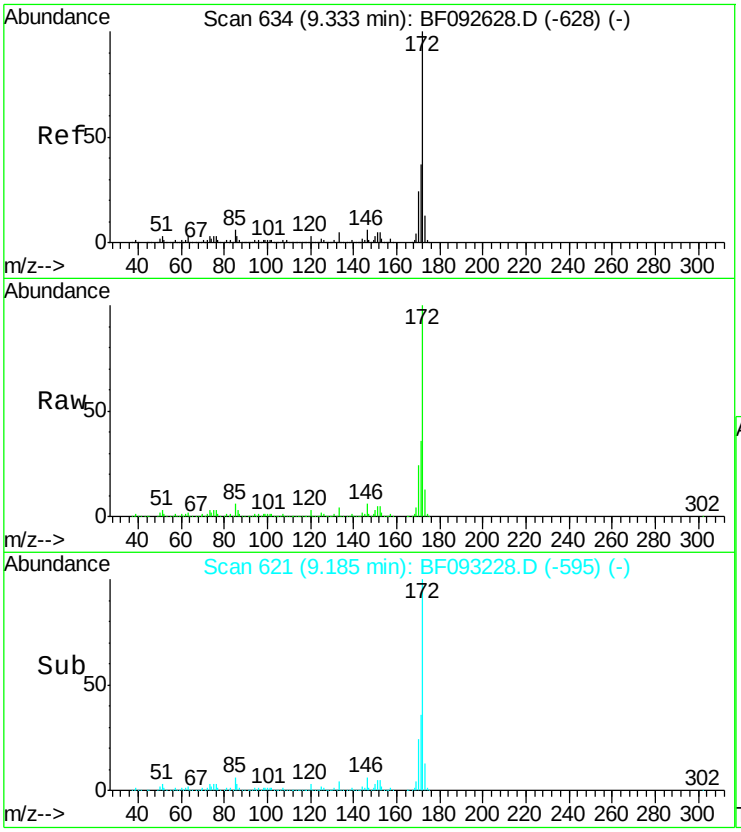


#41
2,4,6-Tribromophenol
Concen: 99.33 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:330 Resp: 198412

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	39.0	34.1	51.1



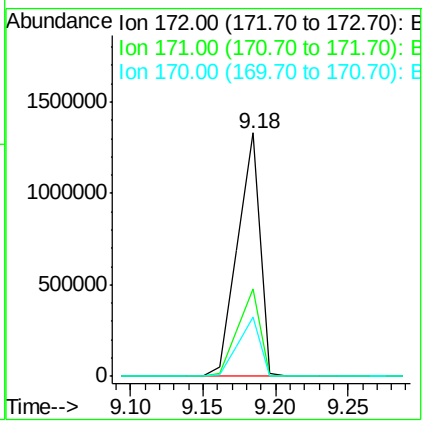


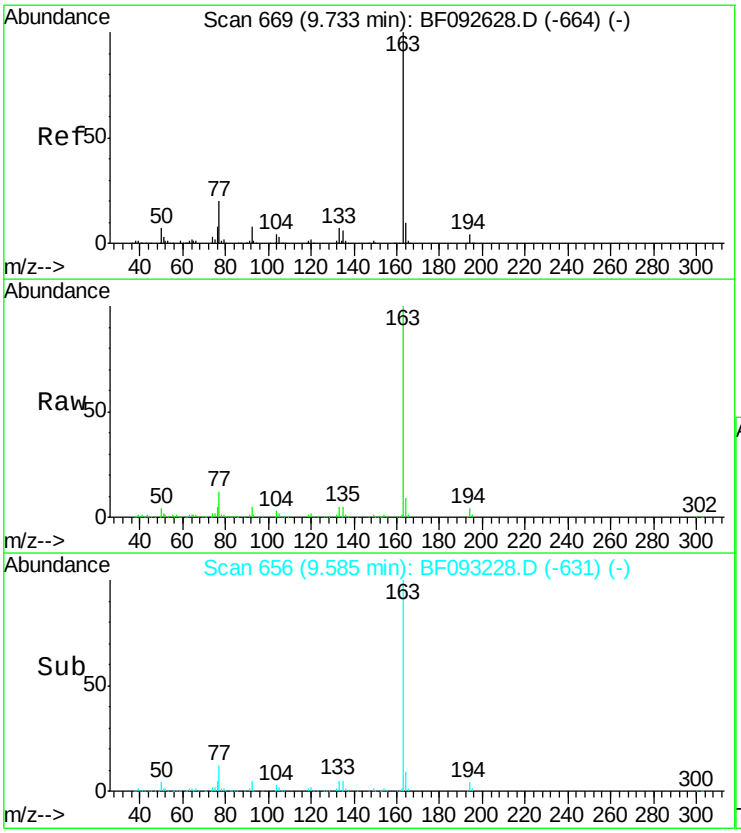
#44
2-Fluorobiphenyl
Concen: 93.95 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:172 Resp: 1432230

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.3	20.2	30.4

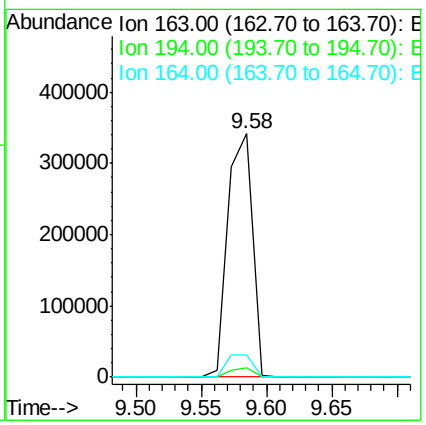


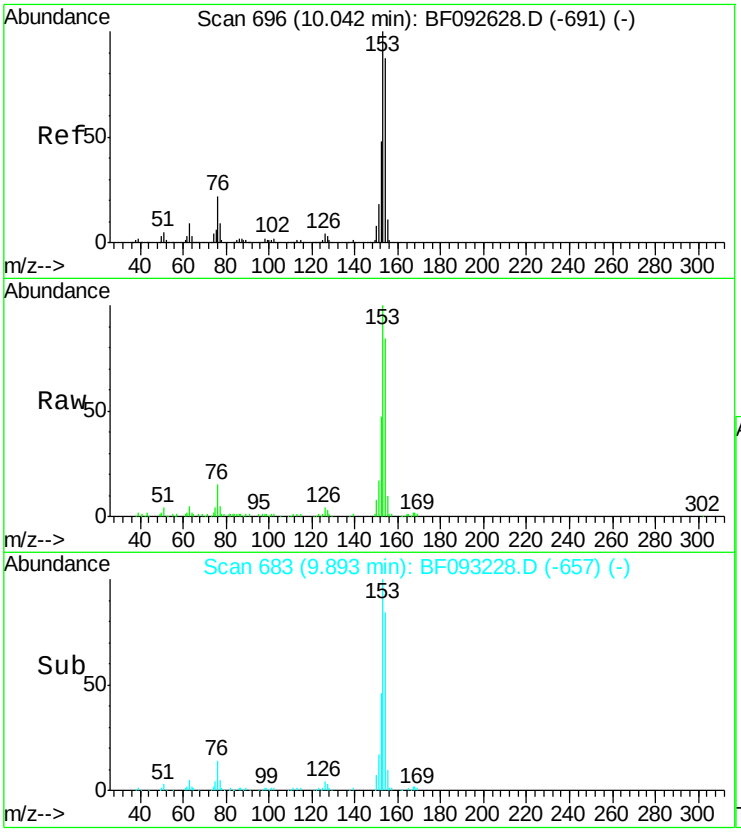


#49
Dimethylphthalate
Concen: 24.11 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:163 Resp: 448513

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.3	8.0	12.0



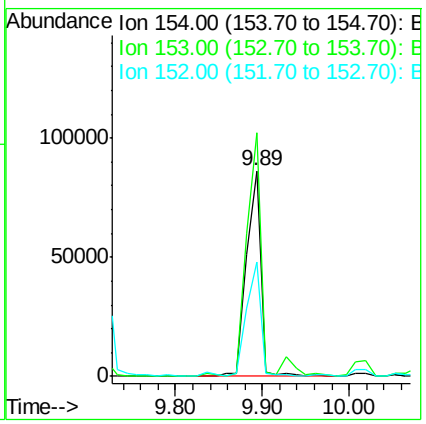


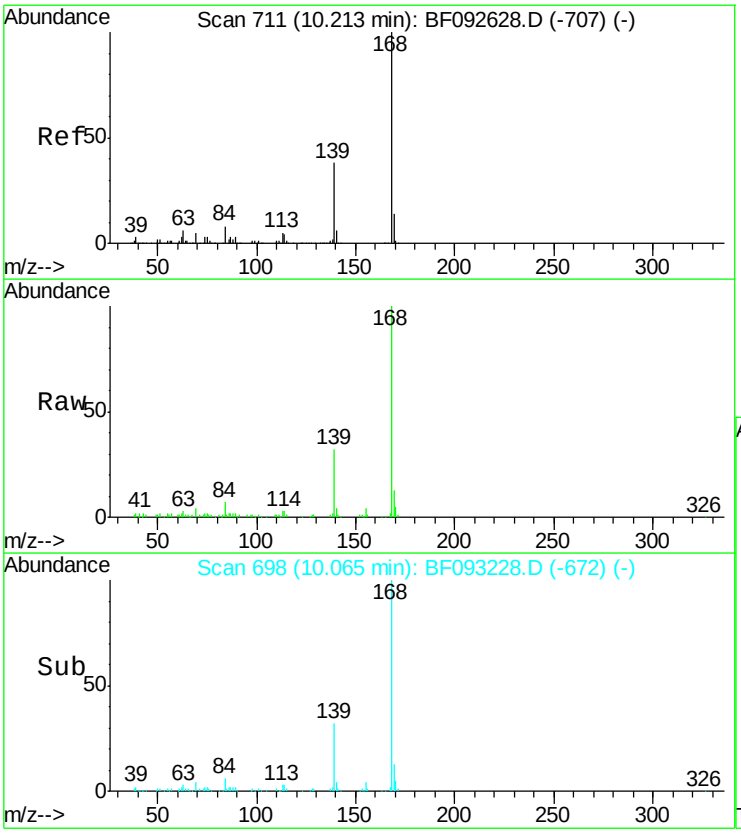
#51
Acenaphthene
Concen: 6.20 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:154 Resp: 100233

Ion	Ratio	Lower	Upper
154	100		
153	118.3	88.6	133.0
152	55.3	41.6	62.4

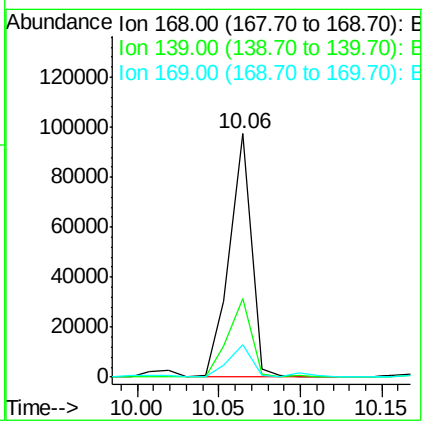


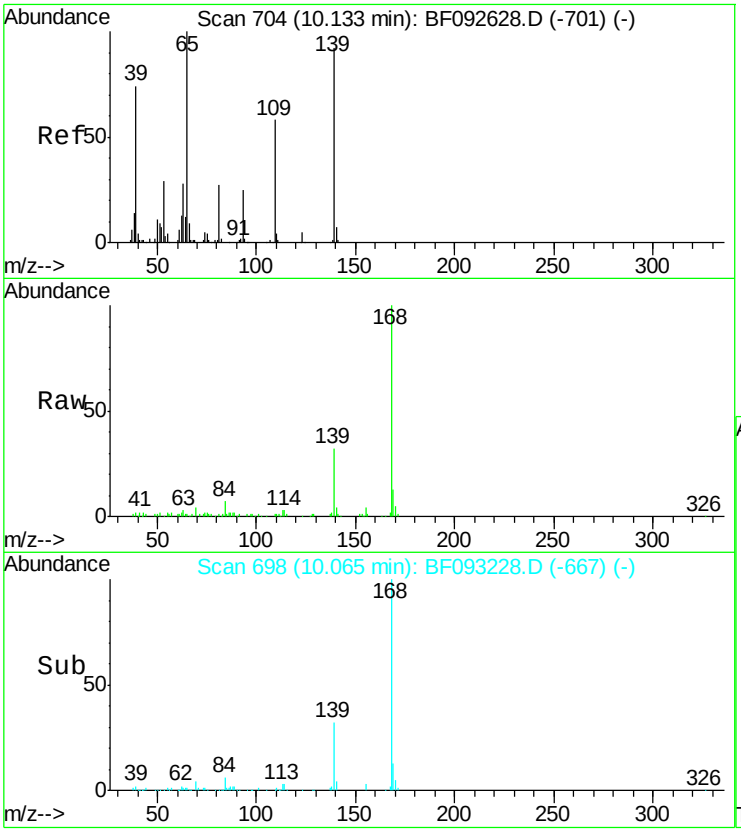


#54
Dibenzofuran
Concen: 4.20 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:168 Resp: 90863

Ion	Ratio	Lower	Upper
168	100		
139	32.1	32.6	49.0#
169	13.2	11.3	16.9



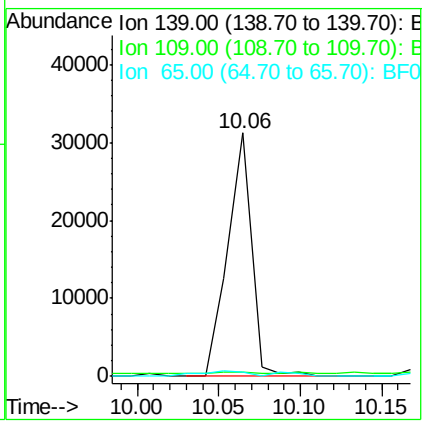


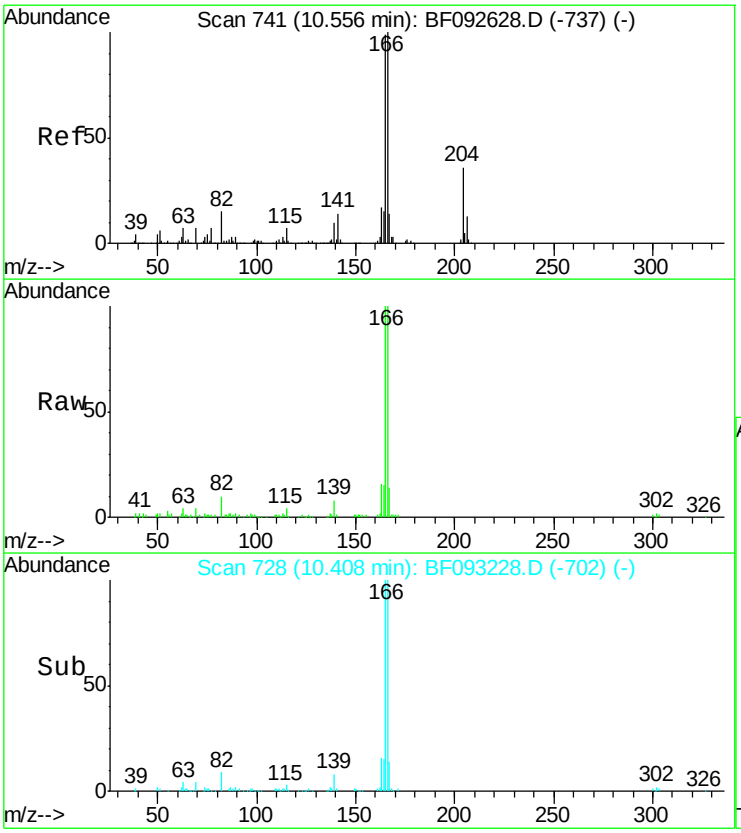
#55
4-Nitrophenol
Concen: 9.53 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.06 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:139 Resp: 31547

Ion	Ratio	Lower	Upper
139	100		
109	1.8	52.2	92.2#
65	1.9	85.8	125.8#

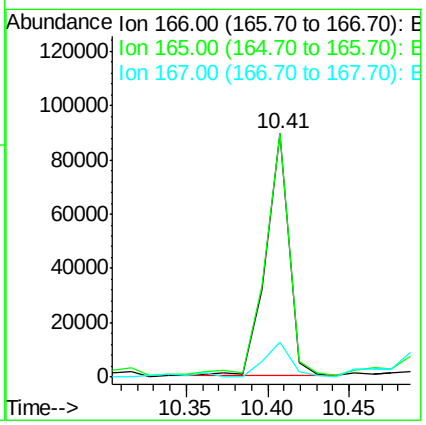


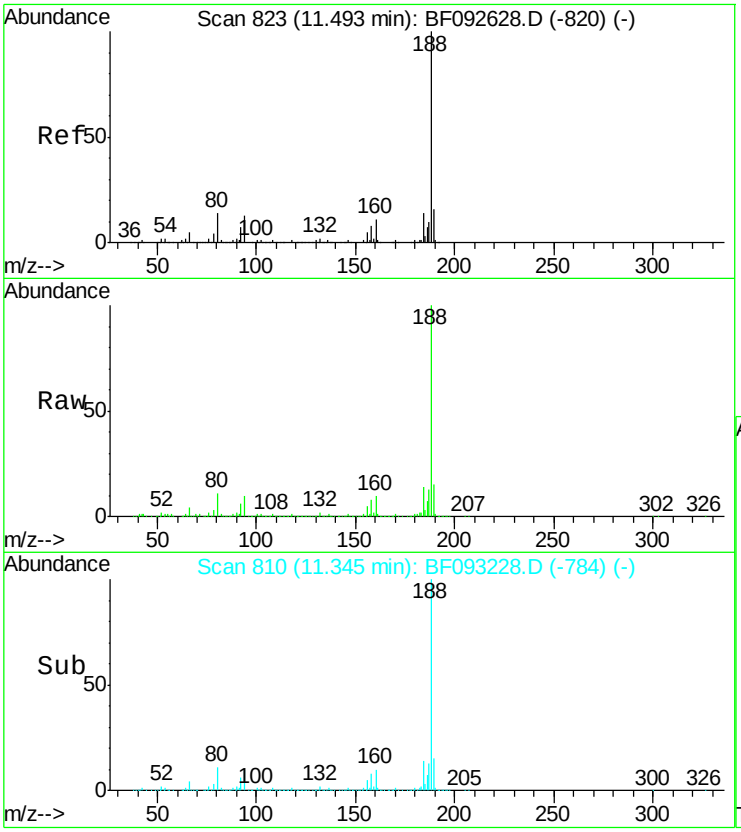


#57
Fluorene
Concen: 5.31 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:166 Resp: 88364

Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.8	116.8
167	14.3	10.8	16.2



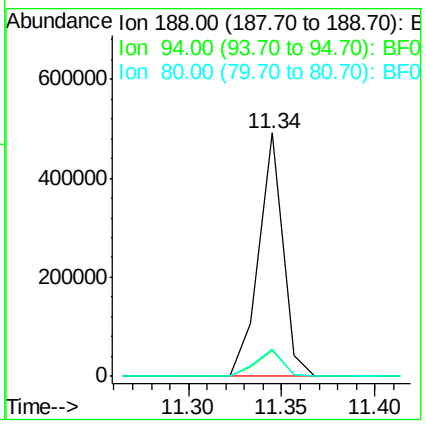


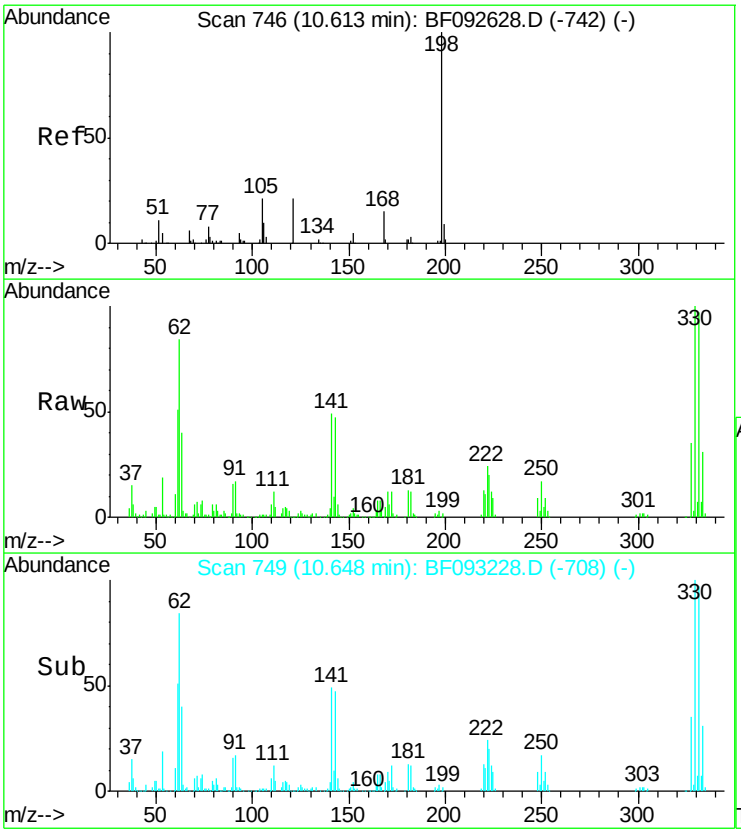
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:188 Resp: 441396

Ion	Ratio	Lower	Upper
188	100		
94	10.5	10.0	15.0
80	11.0	11.2	16.8#

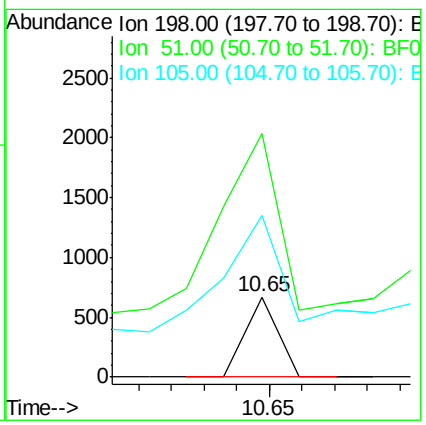


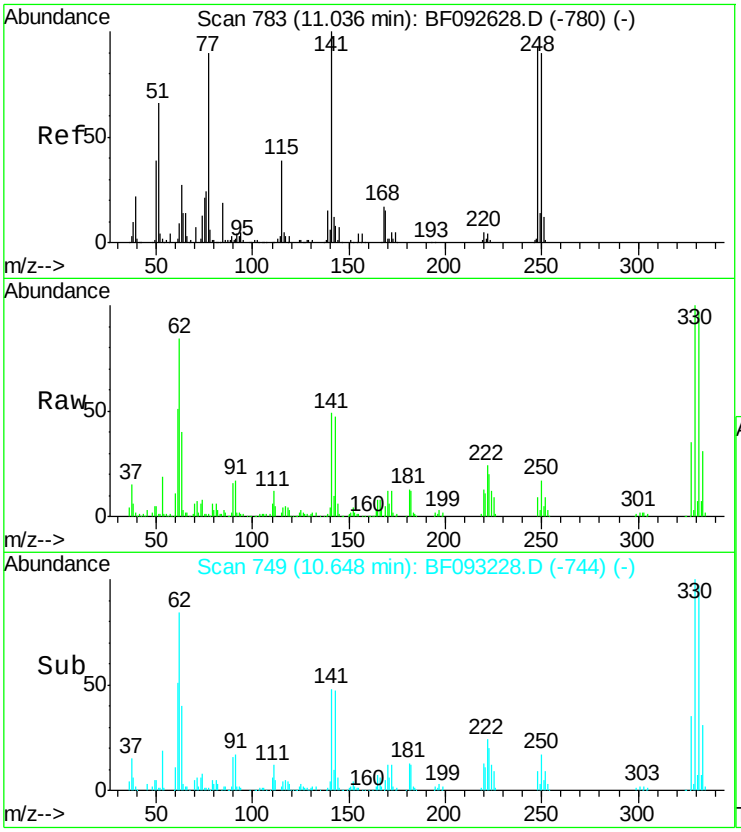


#64
4,6-Dinitro-2-methylphenol
Concen: 2.83 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.17 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:198 Resp: 460

Ion	Ratio	Lower	Upper
198	100		
51	303.1	6.7	46.7#
105	201.9	16.6	56.6#



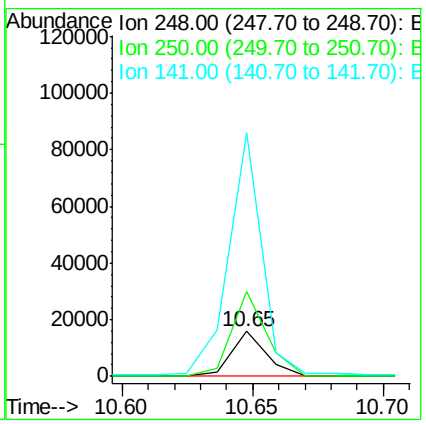


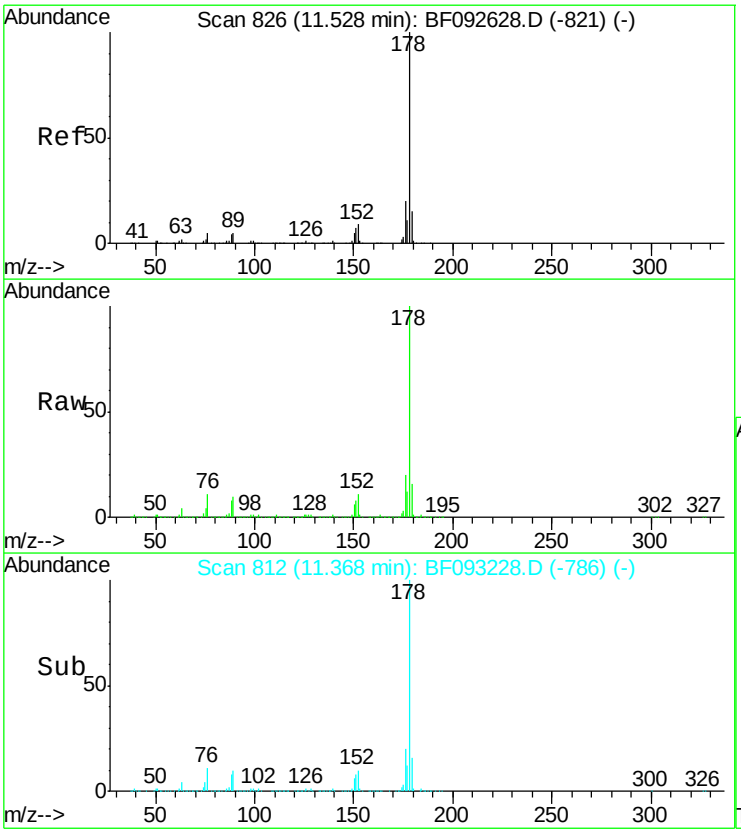
#66
4-Bromophenyl-phenylether
Concen: 3.20 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.24 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:248 Resp: 14756

Ion	Ratio	Lower	Upper
248	100		
250	188.3	76.9	115.3#
141	541.1	68.2	102.4#

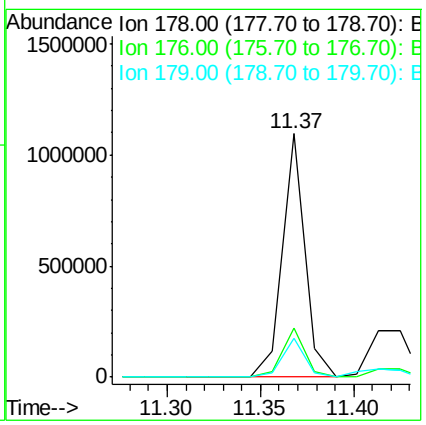


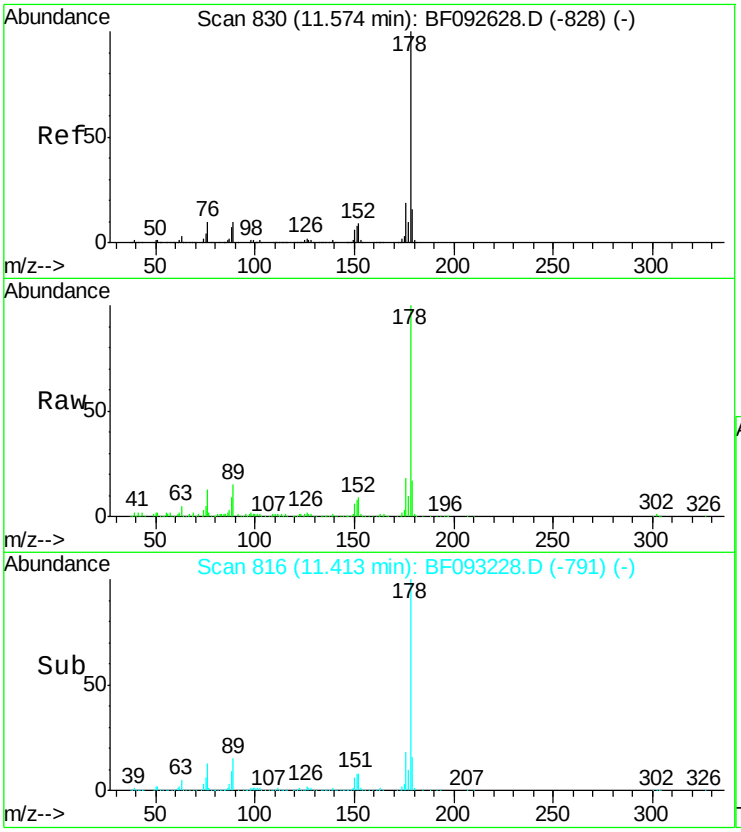


#70
Phenanthrene
Concen: 36.59 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:178 Resp: 925263

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.7	12.8	19.2



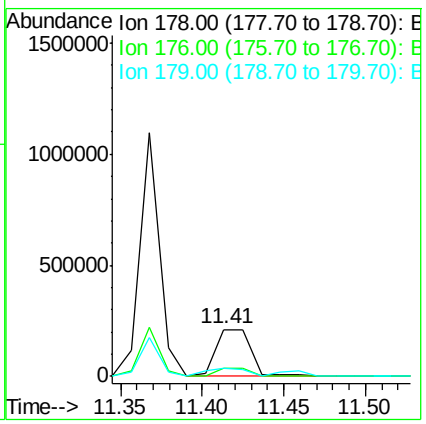


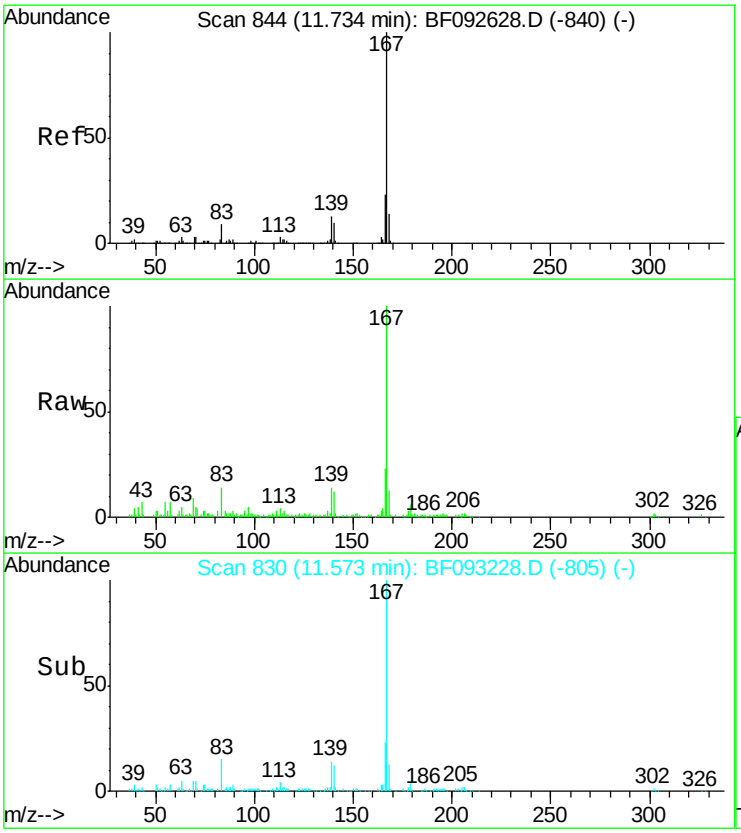
#71
Anthracene
Concen: 12.01 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:178 Resp: 304994

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	16.6	13.2	19.8

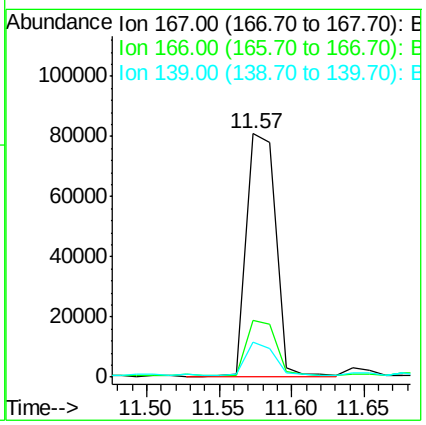


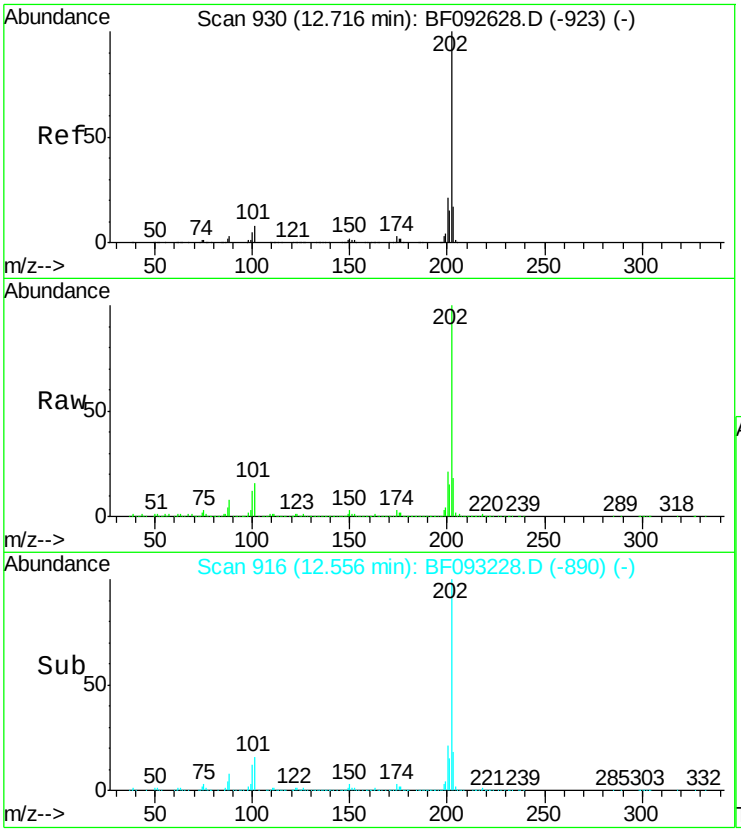


#72
Carbazole
Concen: 4.72 ng
RT: 11.57 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:167 Resp: 114486

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.2	27.2
139	14.4	11.4	17.2



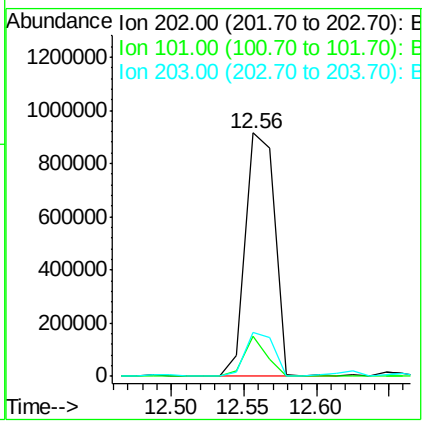


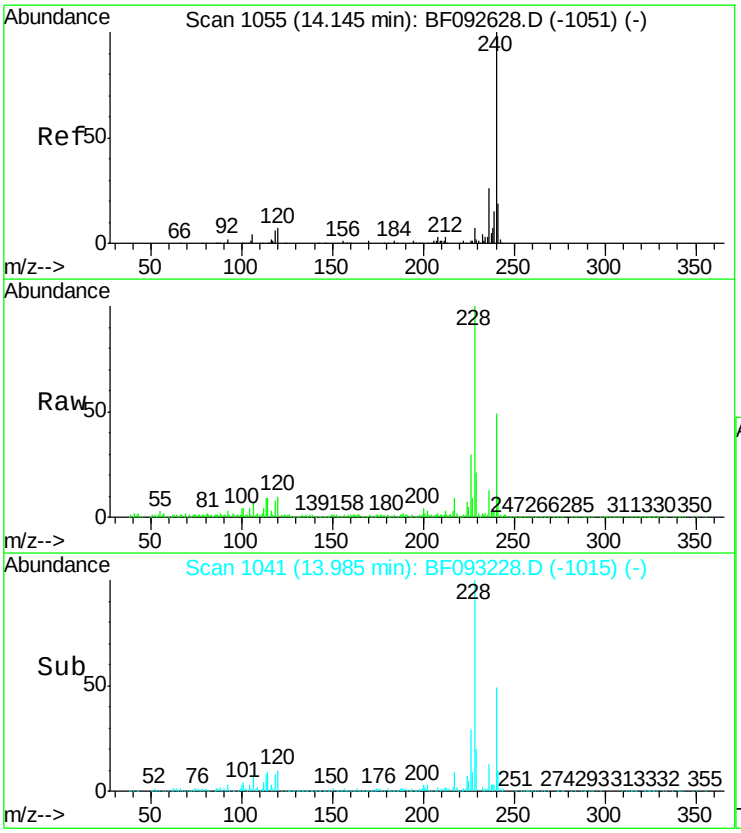
#74
Fluoranthene
Concen: 48.88 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:202 Resp: 1275039

Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	34.6
203	18.2	0.0	38.7

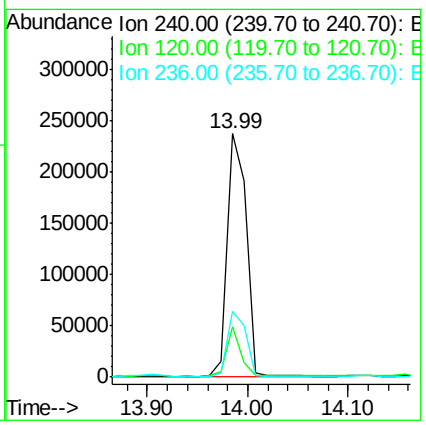


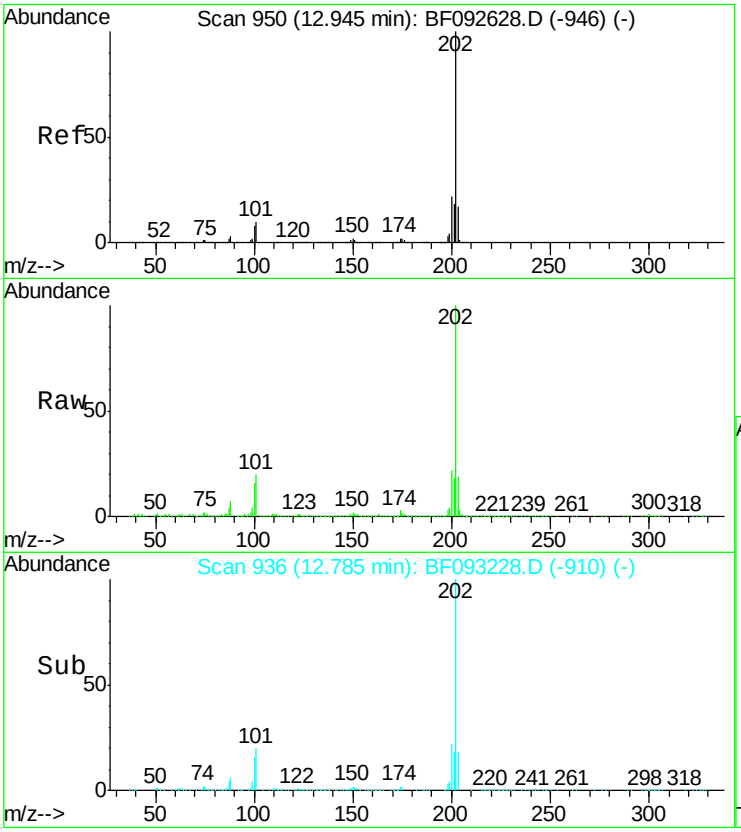


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:240 Resp: 308168

Ion	Ratio	Lower	Upper
240	100		
120	20.5	12.9	19.3#
236	27.1	20.9	31.3



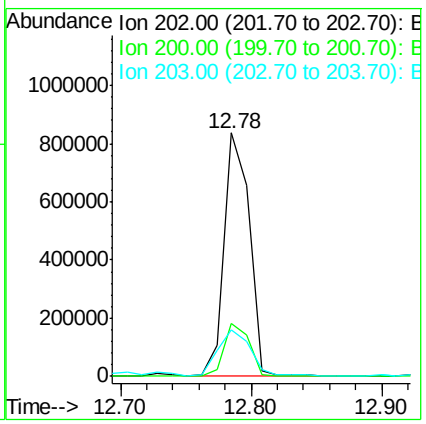


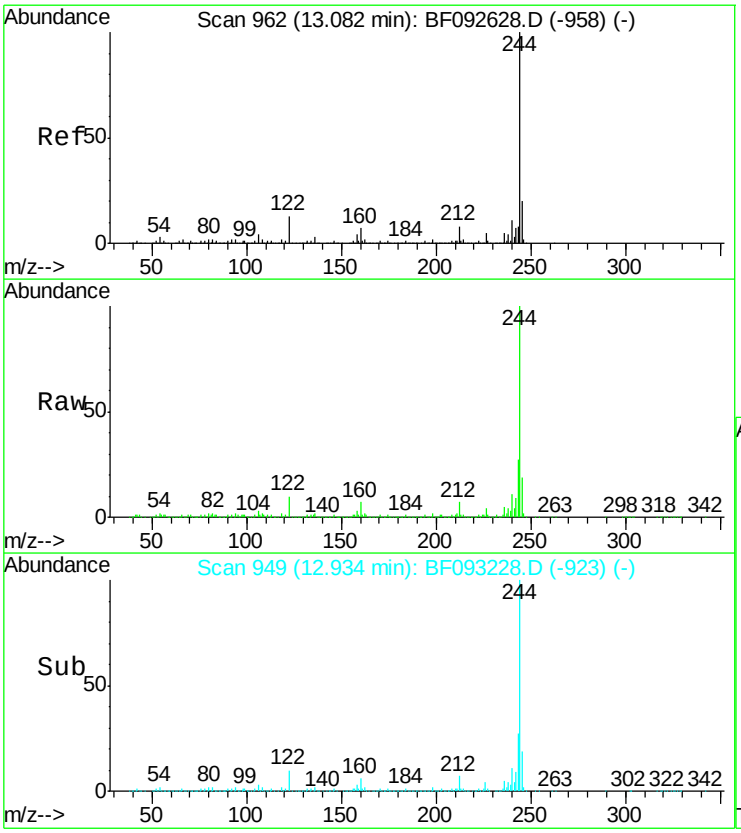
#77
Pyrene
Concen: 48.45 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:202 Resp: 1117317

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.9	14.7	22.1

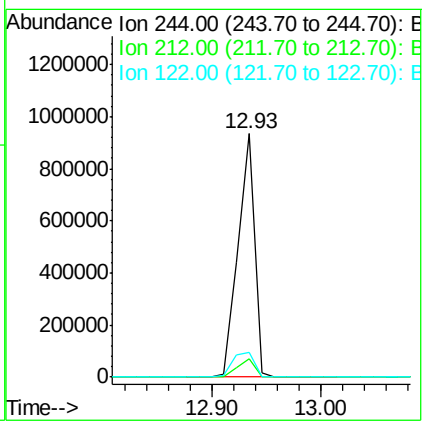


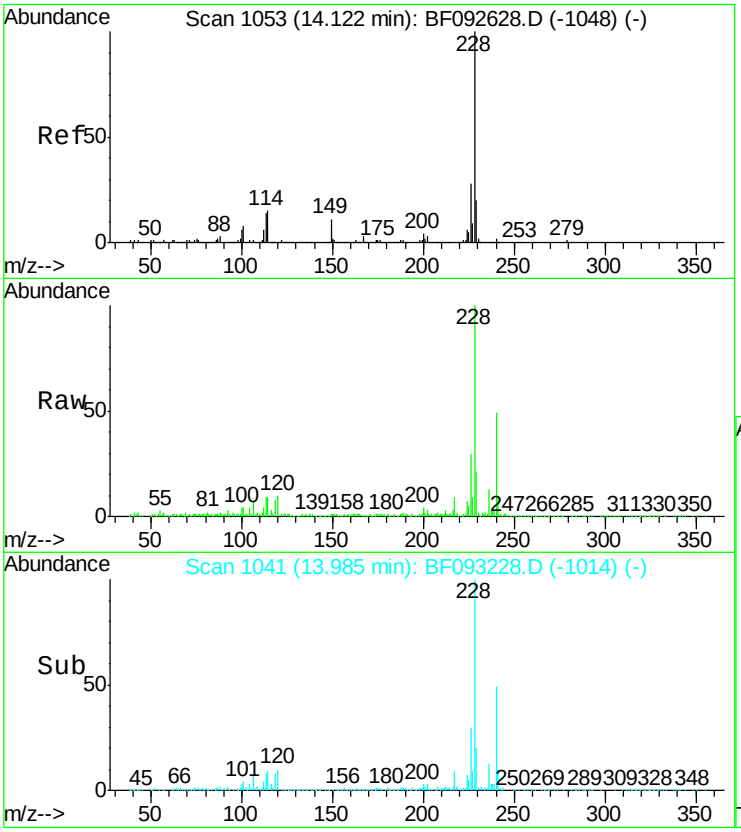


#78
Terphenyl-d14
Concen: 73.62 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:244 Resp: 965593

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	10.3	11.4	17.2#



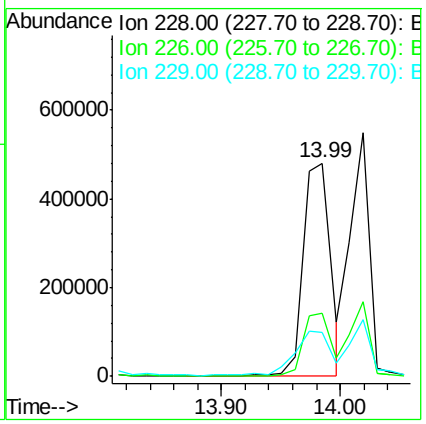


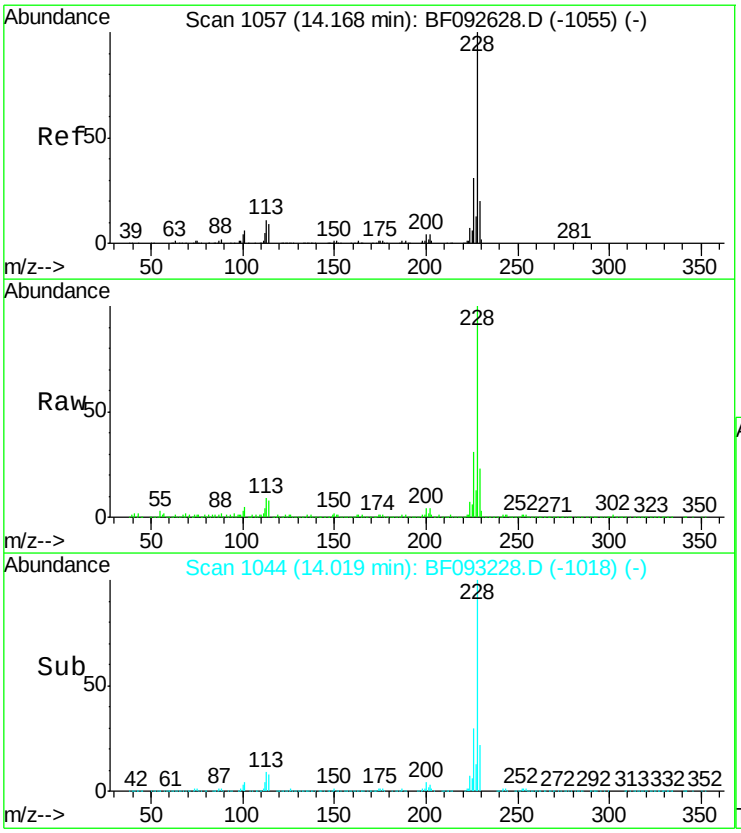
#80
Benzo(a)anthracene
Concen: 40.58 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:228 Resp: 764793

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.4	33.6
229	20.8	16.2	24.4

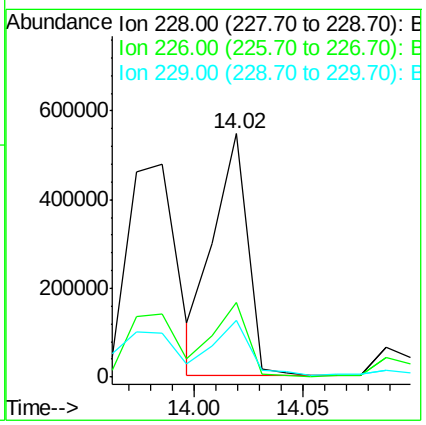


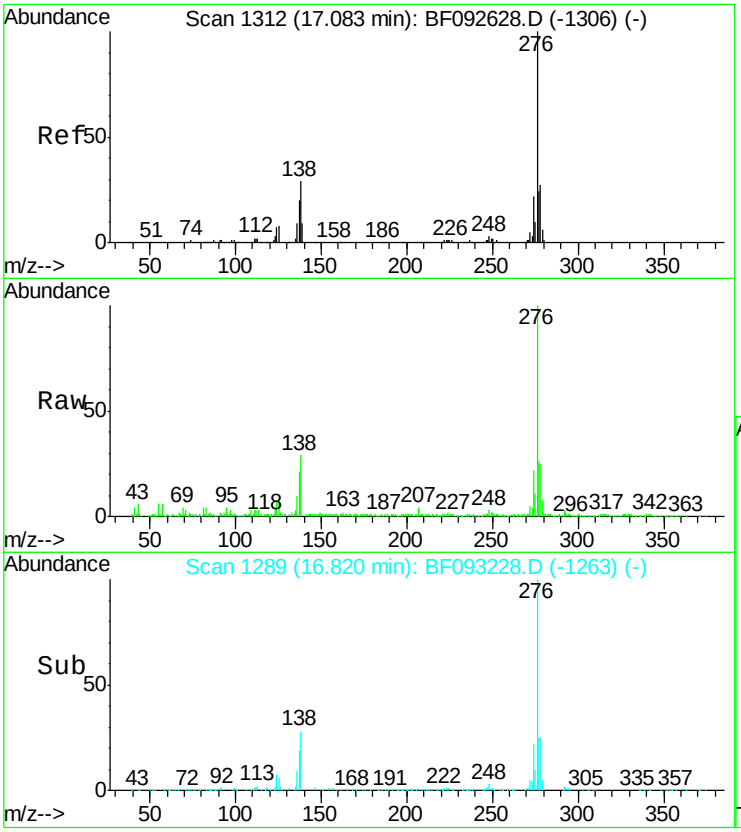


#82
Chrysene
Concen: 33.48 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:228 Resp: 590901

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	23.1	16.2	24.2



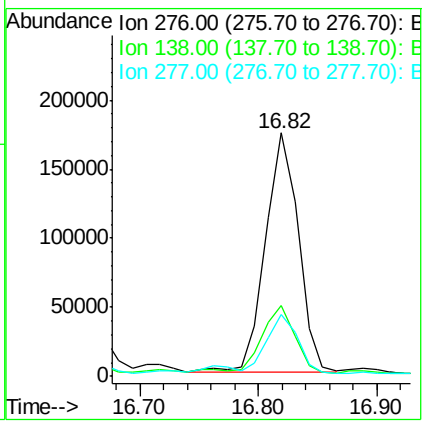


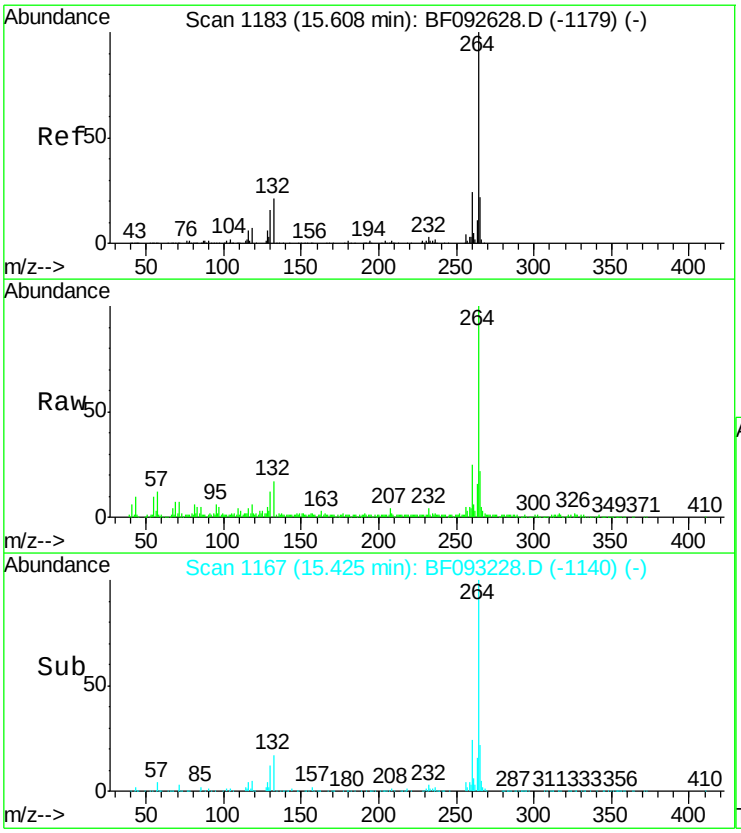
#85
Indeno(1,2,3-cd)pyrene
Concen: 24.40 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:276 Resp: 333459

Ion	Ratio	Lower	Upper
276	100		
138	28.9	21.8	32.6
277	23.7	20.2	30.4

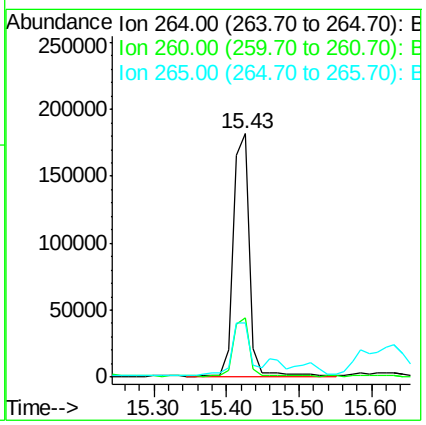


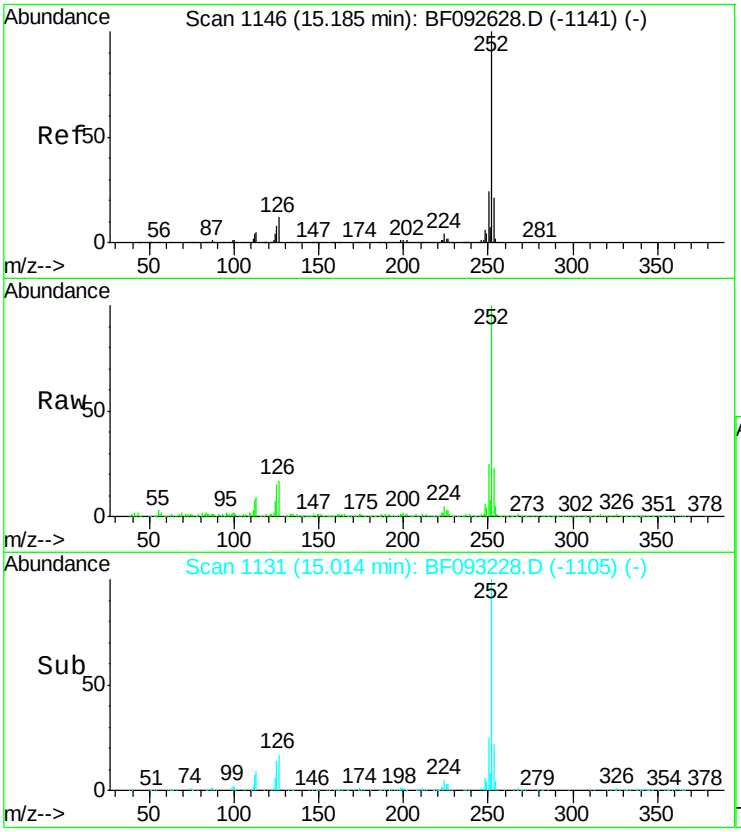


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:264 Resp: 277997

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.2	17.4	26.0



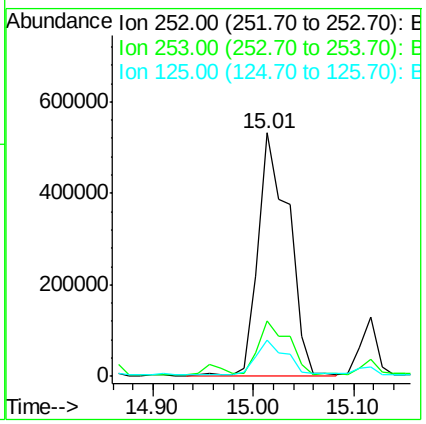


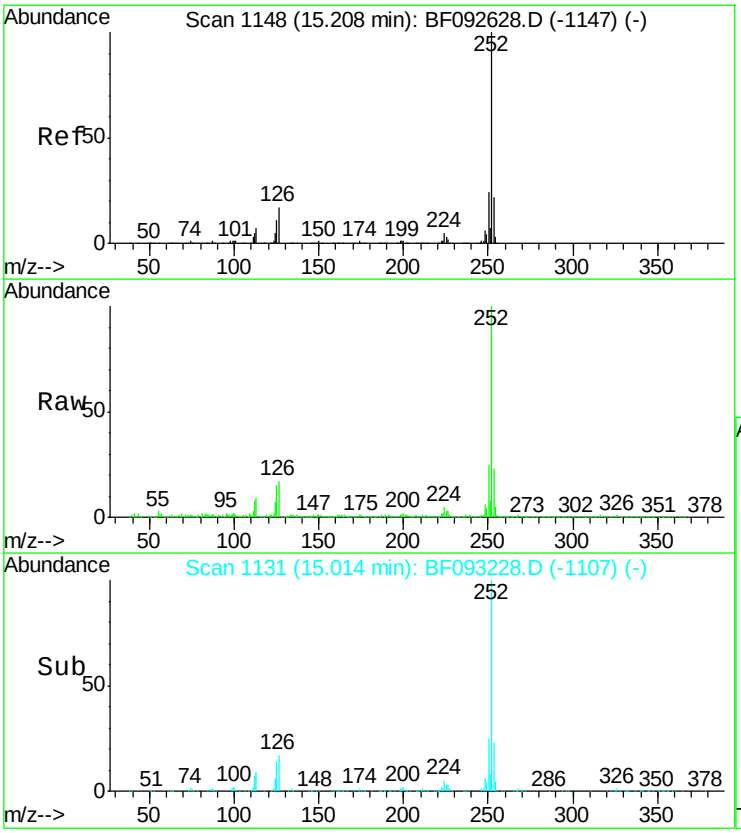
#87
Benzo(b)fluoranthene
Concen: 60.89 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:252 Resp: 1114208

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	14.9	9.8	14.6#

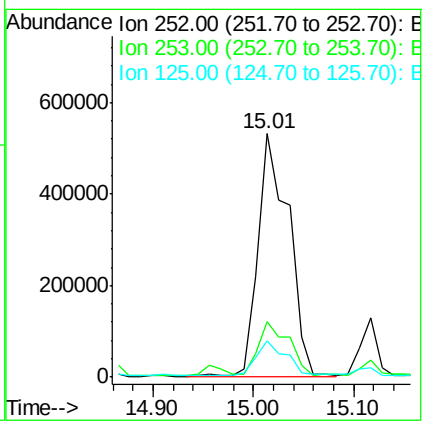


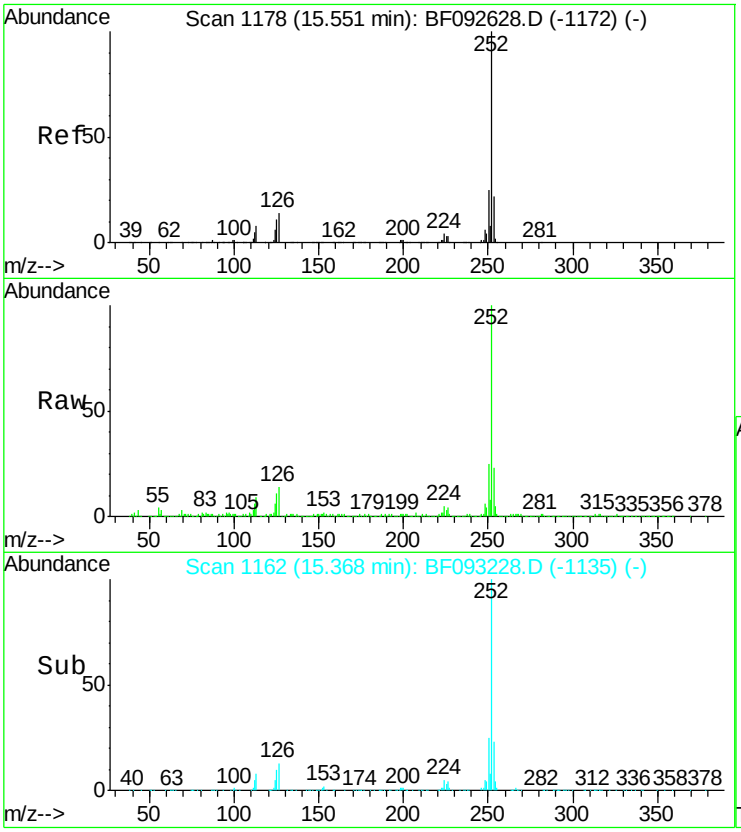


#88
Benzo(k)fluoranthene
Concen: 70.53 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:252 Resp: 1114208

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	14.9	8.9	13.3#



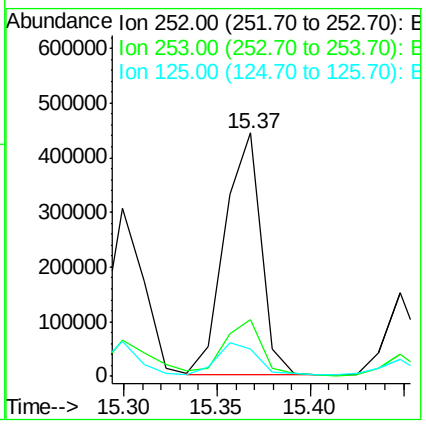


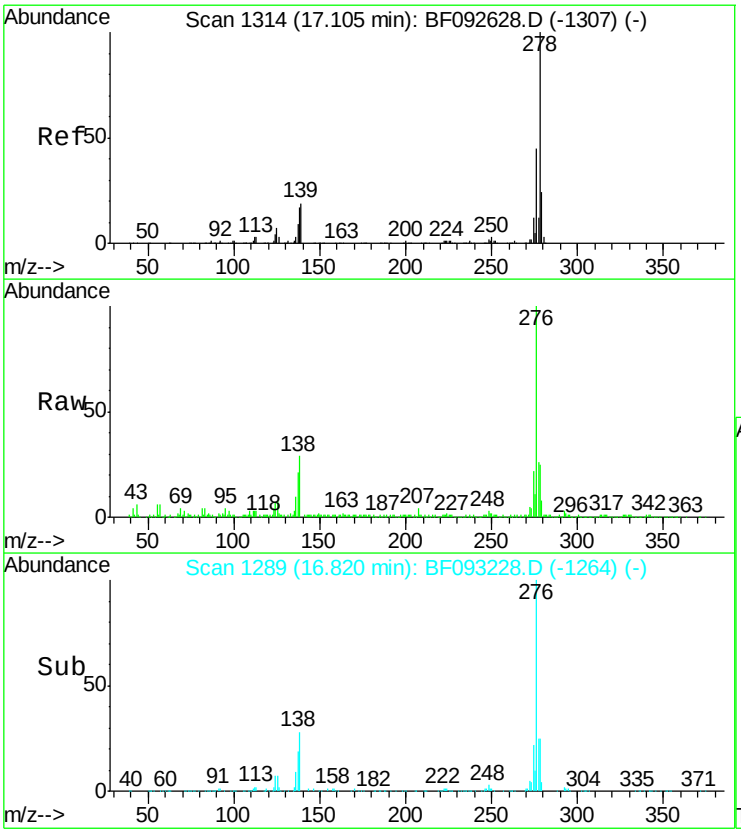
#89
Benzo(a)pyrene
Concen: 38.13 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:252 Resp: 603536

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	11.1	10.0	15.0

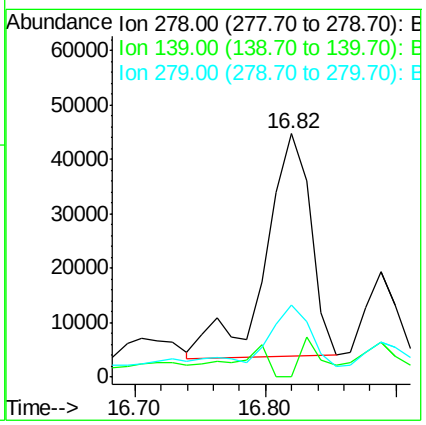


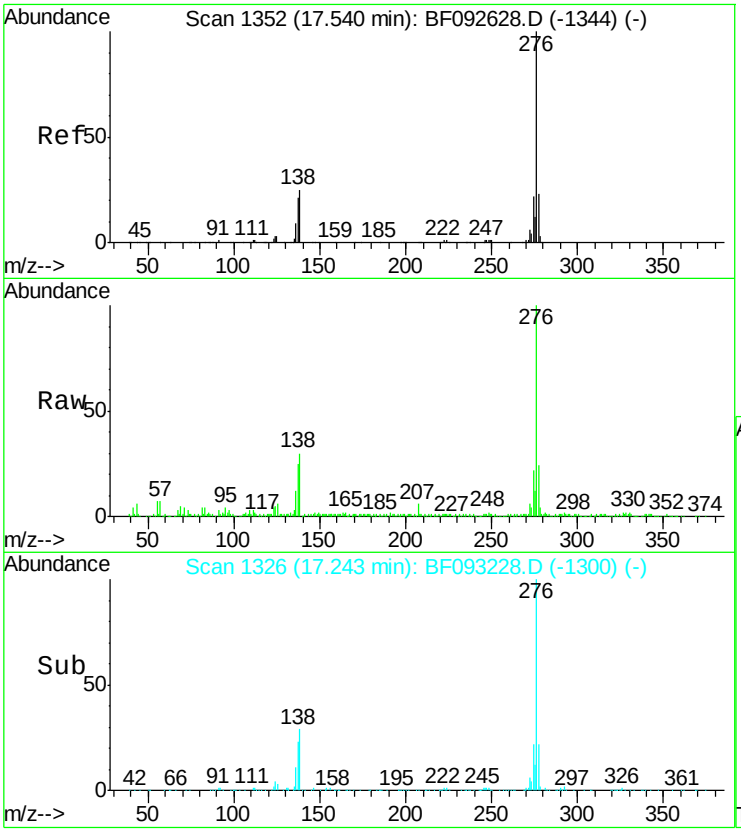


#90
Dibenzo(a,h)anthracene
Concen: 7.73 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:278 Resp: 98929

Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.8	22.2#
279	29.6	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 23.63 ng
RT: 17.24 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion:276 Resp: 305340

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	30.1	16.0	24.0#