Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

Quantitation Report (Not Reviewed)

Data File : BF093269.D
Acq On : 1 Mar 2017 3:10
Operator : SJ/MA
Sample : I1973-09DL 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASEDL

Quant Time: Mar 01 05:51:42 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129090	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	467953	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	190917	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	334447	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	297706	20.00	ng		-0.05
86) Perylene-d12	15.40	264	205596	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	244176	32.45	ng		-0.03
7) Phenol-d6	6.46	99	313429	32.37	ng		-0.02
23) Nitrobenzene-d5	7.38	82	176469	21.00	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	58549	42.40	ng		-0.05
44) 2-Fluorobiphenyl	9.17	172	256570	24.35	ng		-0.05
78) Terphenyl-d14	12.92	244	500602	39.51	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	22204	3.60	ng	#	83
25) Isophorone	7.38	82	153818	9.82	ng	#	65
32) Benzoic acid	7.93	122	232	7.21	ng	#	1
50) 2,6-Dinitrotoluene	9.85	165	24117	8.68	ng	#	31
55) 4-Nitrophenol	10.05	139	5296	2.31	ng	#	7
56) 2,4-Dinitrotoluene	9.85	165	24117	6.52	ng	#	20
57) Fluorene	10.40	166	24967	2.17	ng		99
70) Phenanthrene	11.36	178	564690	29.47	ng		98
71) Anthracene	11.41	178	168544	8.76	ng		96
72) Carbazole	11.57	167	61968	3.37	ng	#	97
74) Fluoranthene	12.54	202	1110567	56.19	ng		97
77) Pyrene	12.78	202	1131108	50.77	ng		99
80) Benzo(a)anthracene	13.96	228	595921	32.73	ng		98
82) Chrysene	14.00	228	440150	25.82	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	191043	14.47	ng		97
87) Benzo(b)fluoranthene	15.00	252	623102	46.05	ng		99
88) Benzo(k)fluoranthene	15.00	252	623102	53.33	ng		98
89) Benzo(a)pyrene	15.35	252	341545	29.18	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	34165	3.61	ng		94
91) Benzo(g,h,i)perylene	17.22	276	186635	19.53	ng	#	93

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

Quantitation Report (Not Reviewed)

Data File : BF093269.D
Acq On : 1 Mar 2017 3:10
Operator : SJ/MA
Sample : I1973-09DL 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
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Quant Time: Mar 01 05:51:42 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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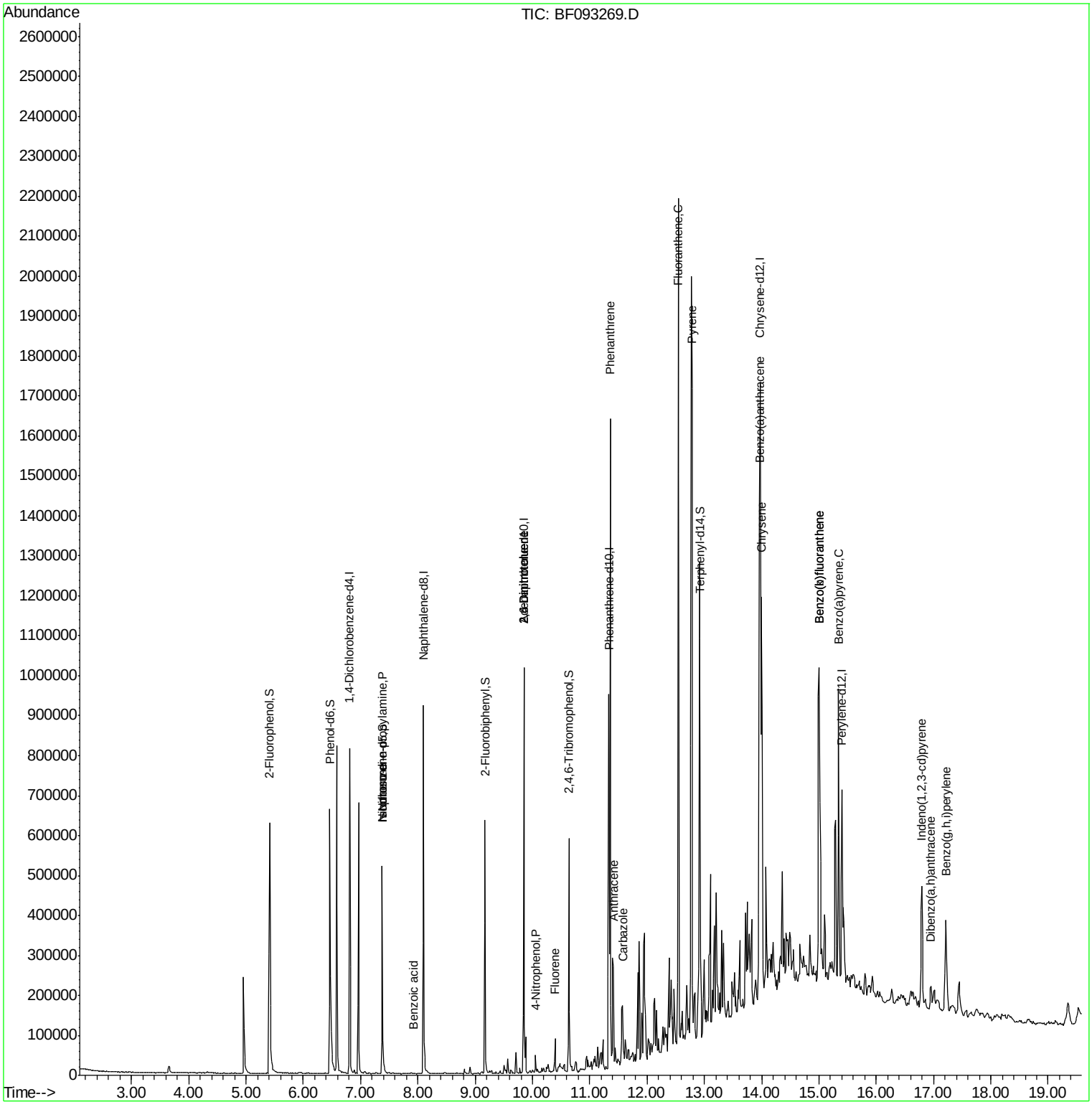
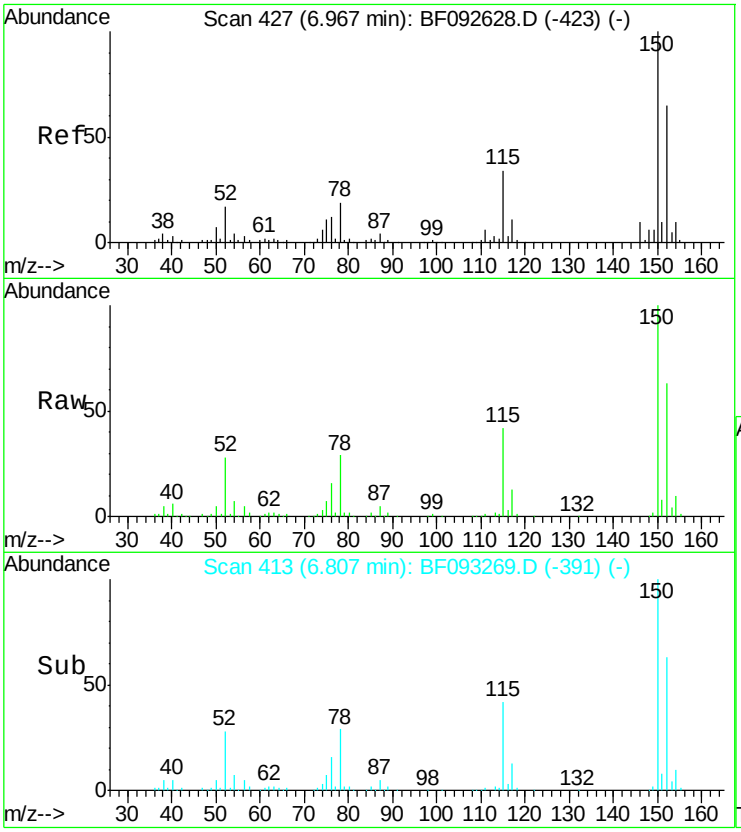


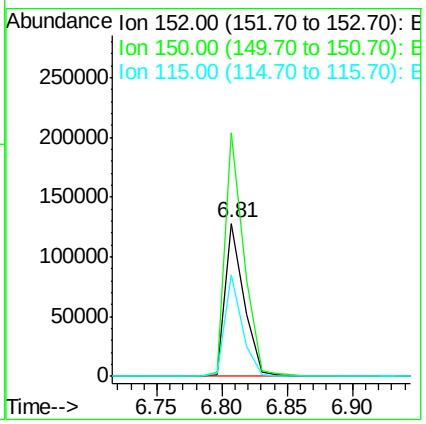


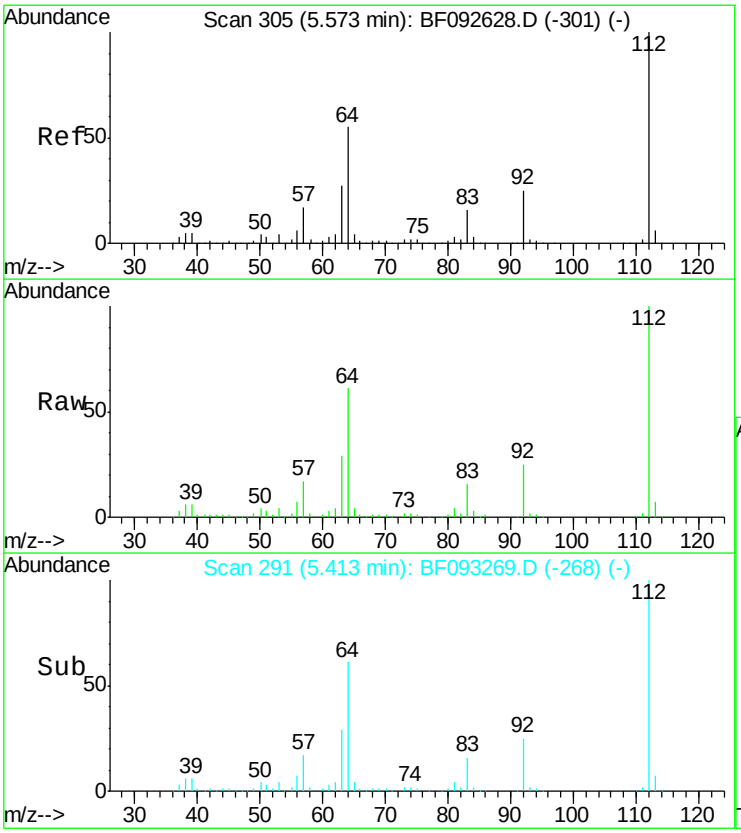
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:152 Resp: 129090

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.9	187.3
115	66.4	46.0	69.0

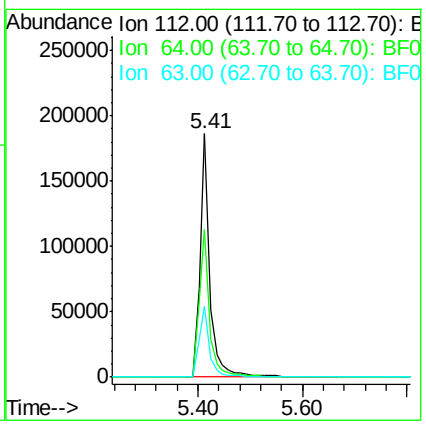


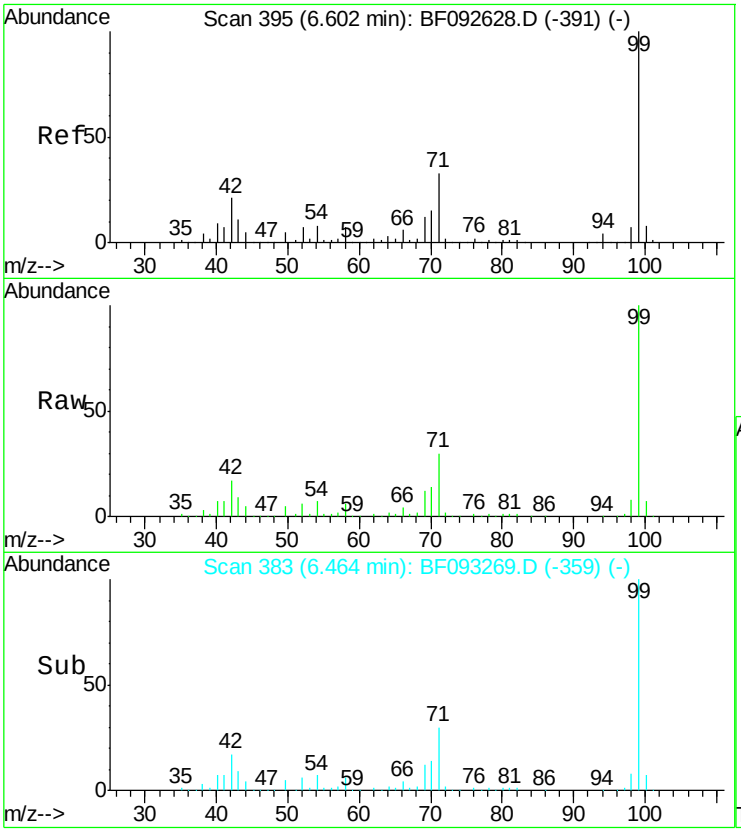


#5
2-Fluorophenol
Concen: 32.45 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:112 Resp: 244176

Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.1	69.1
63	29.0	23.8	35.6



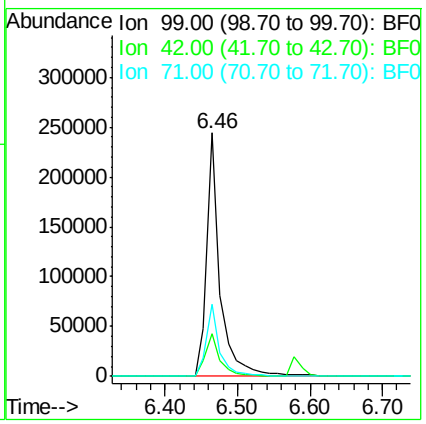


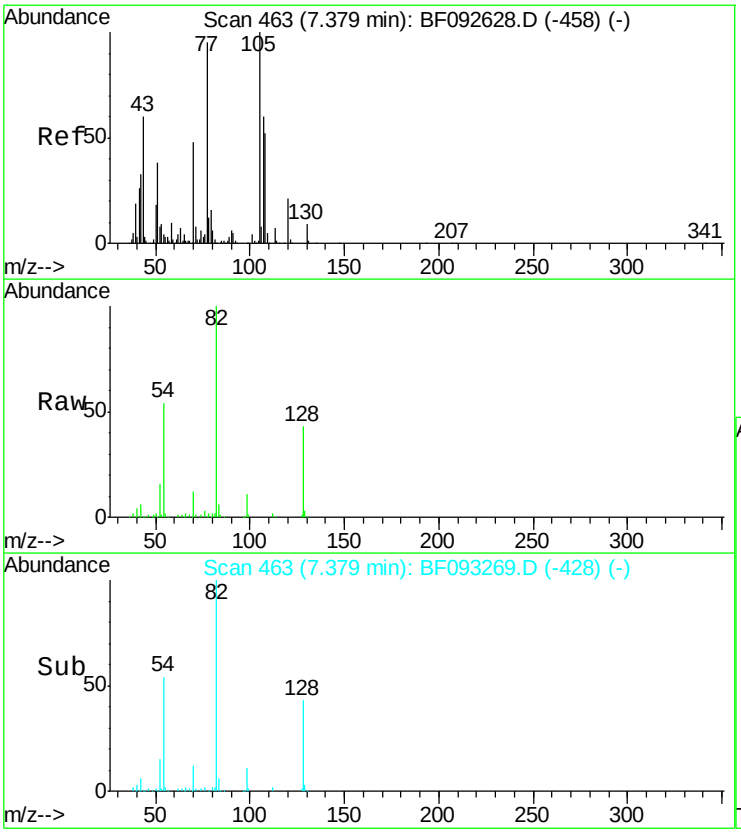
#7
Phenol-d6
Concen: 32.37 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion: 99 Resp: 313429

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.6	23.4
71	29.9	27.5	41.3

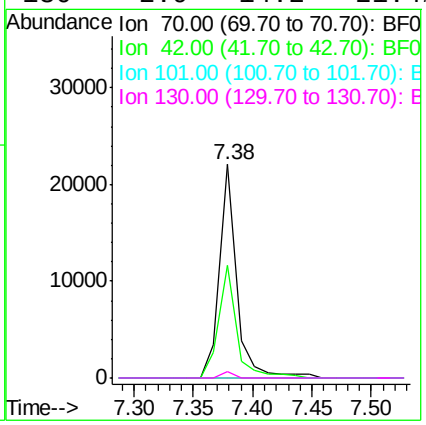


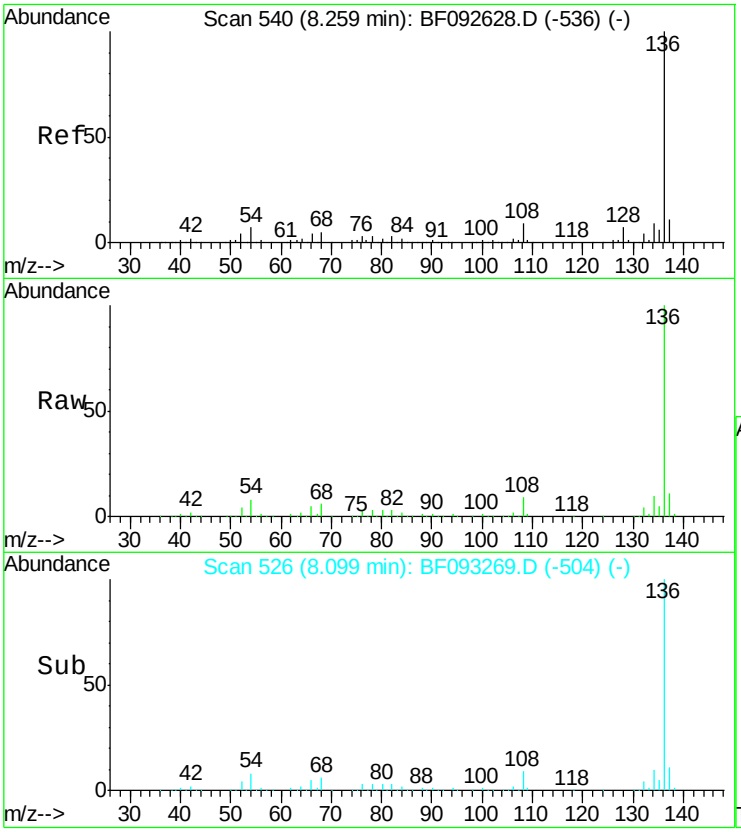


#19
n-Nitroso-di-n-propylamine
Concen: 3.60 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion: 70 Resp: 22204

Ion	Ratio	Lower	Upper
70	100		
42	53.0	49.4	74.0
101	0.0	7.4	11.2#
130	2.9	14.2	21.4#



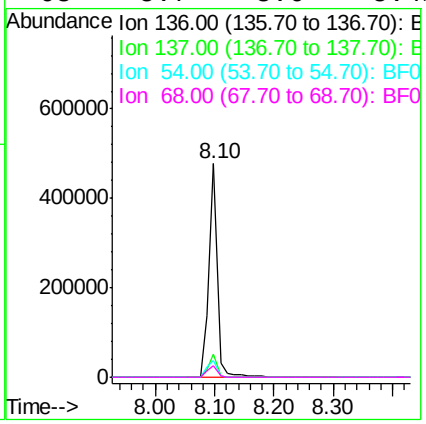


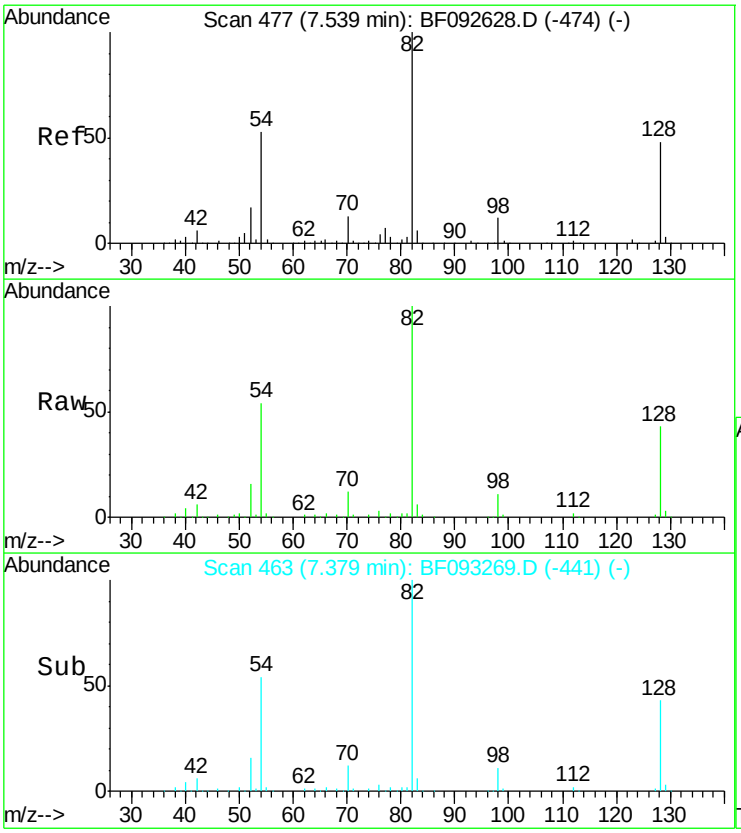
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:136 Resp: 467953

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.9	4.5	6.7#
68	5.7	3.6	5.4#

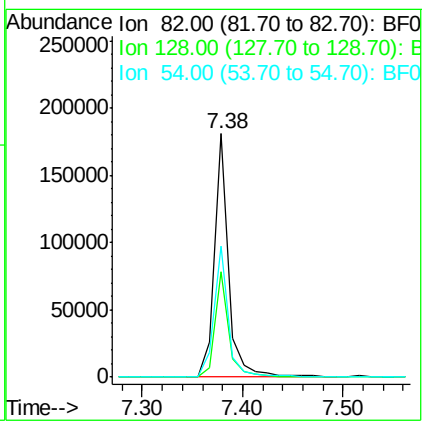


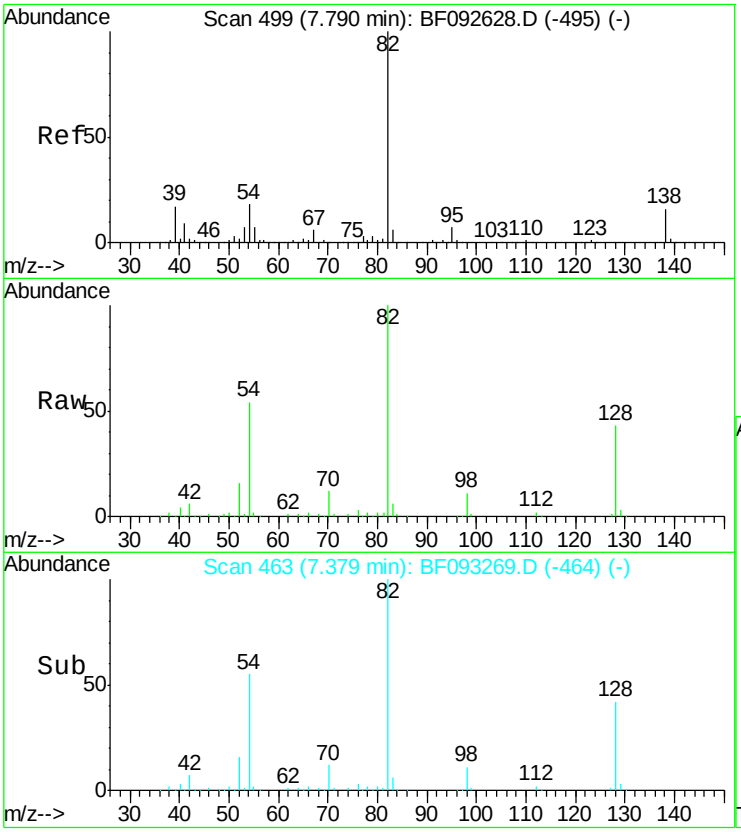


#23
Nitrobenzene-d5
Concen: 21.00 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion: 82 Resp: 176469

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	52.0
54	54.0	39.5	59.3



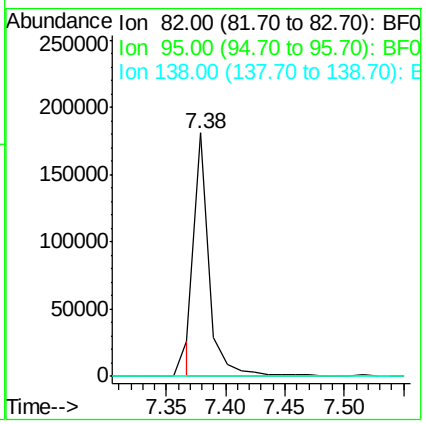


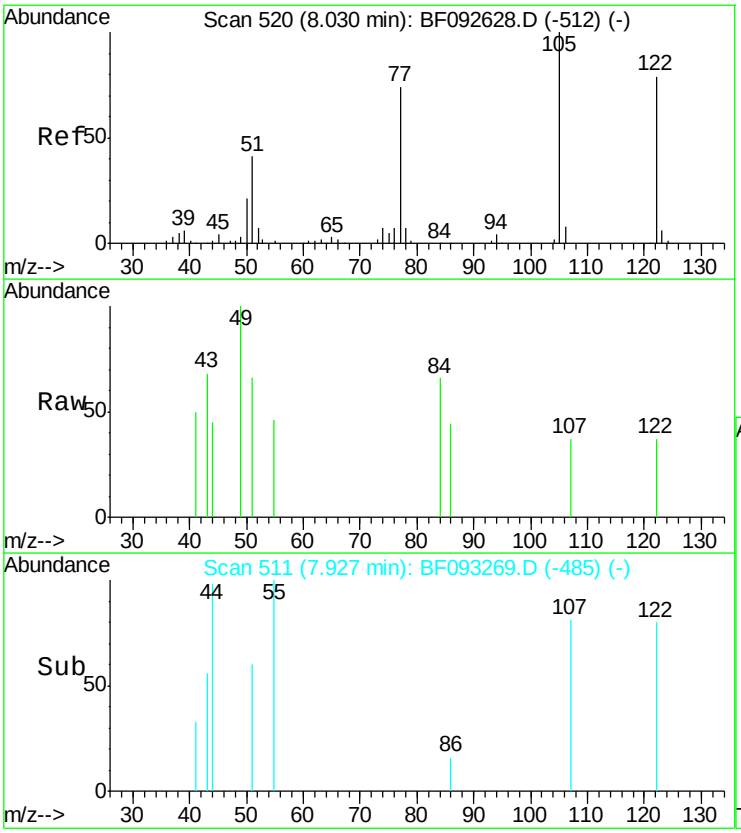
#25
Isophorone
Concen: 9.82 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion: 82 Resp: 153818

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

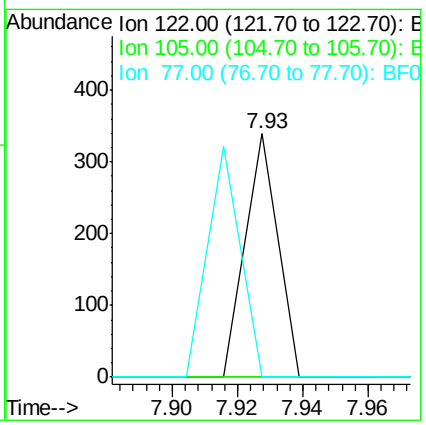


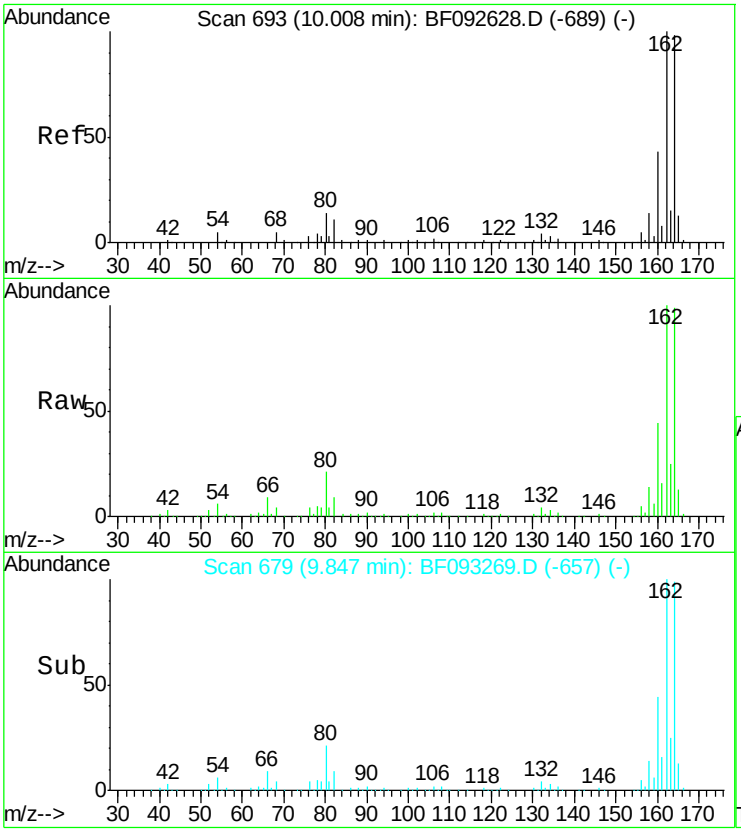


#32
Benzoic acid
Concen: 7.21 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:122 Resp: 232

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	0.0	74.5	114.5#



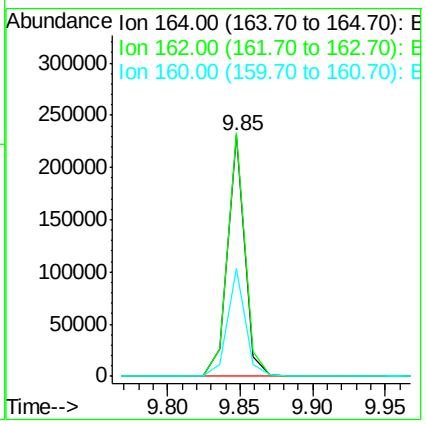


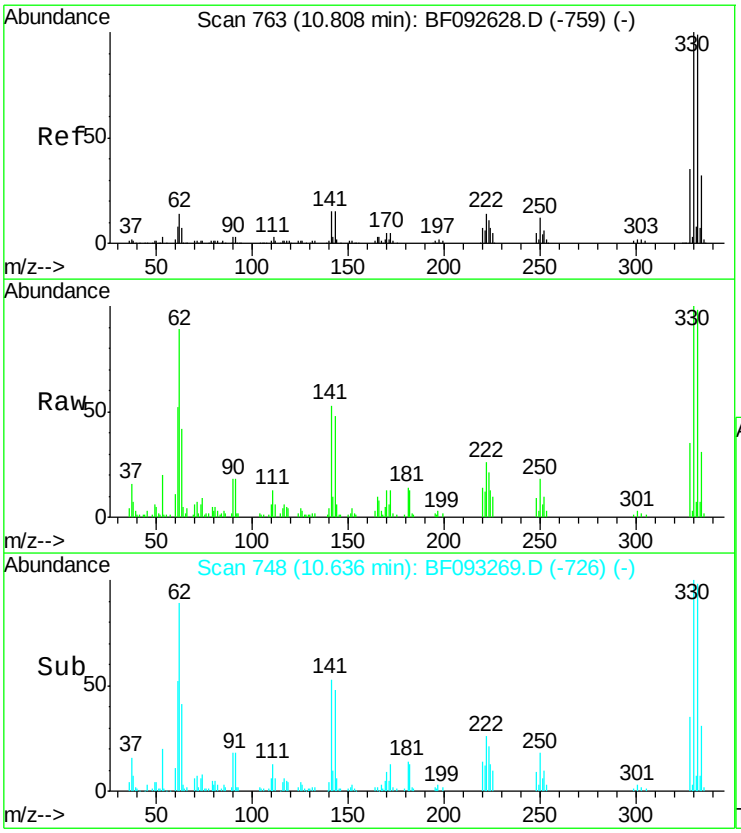
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:164 Resp: 190917

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	44.8	36.9	55.3

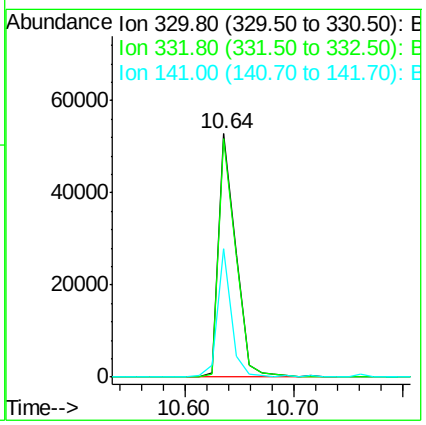


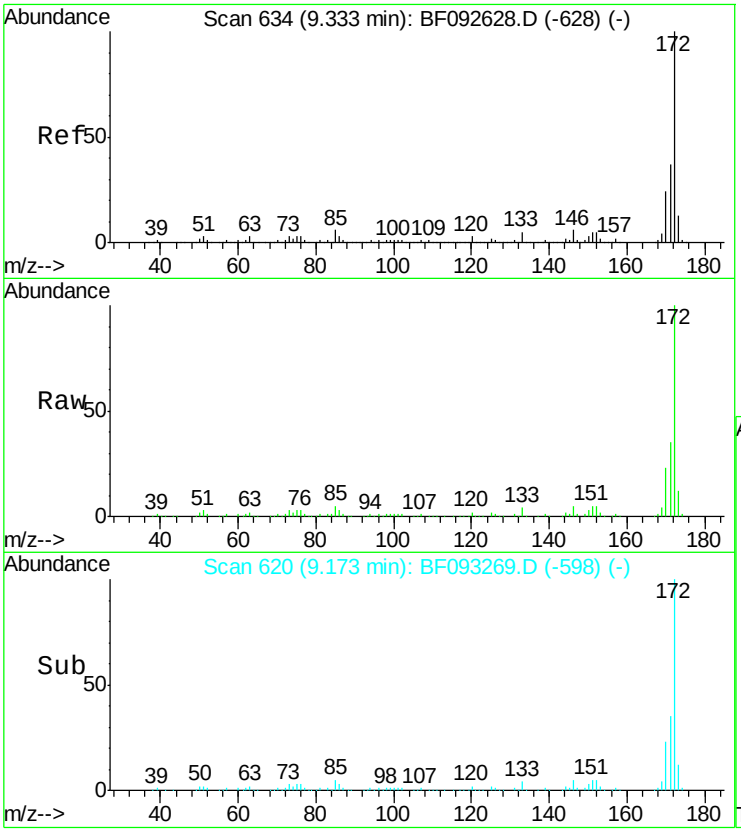


#41
2,4,6-Tribromophenol
Concen: 42.40 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:330 Resp: 58549

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	42.5	34.1	51.1



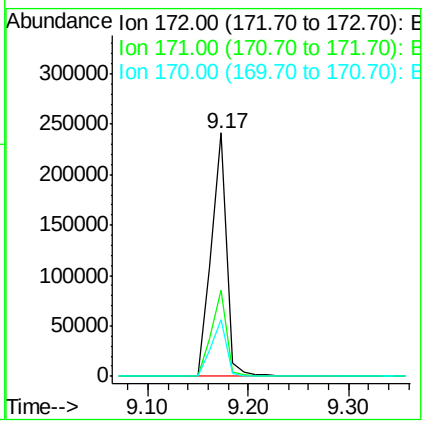


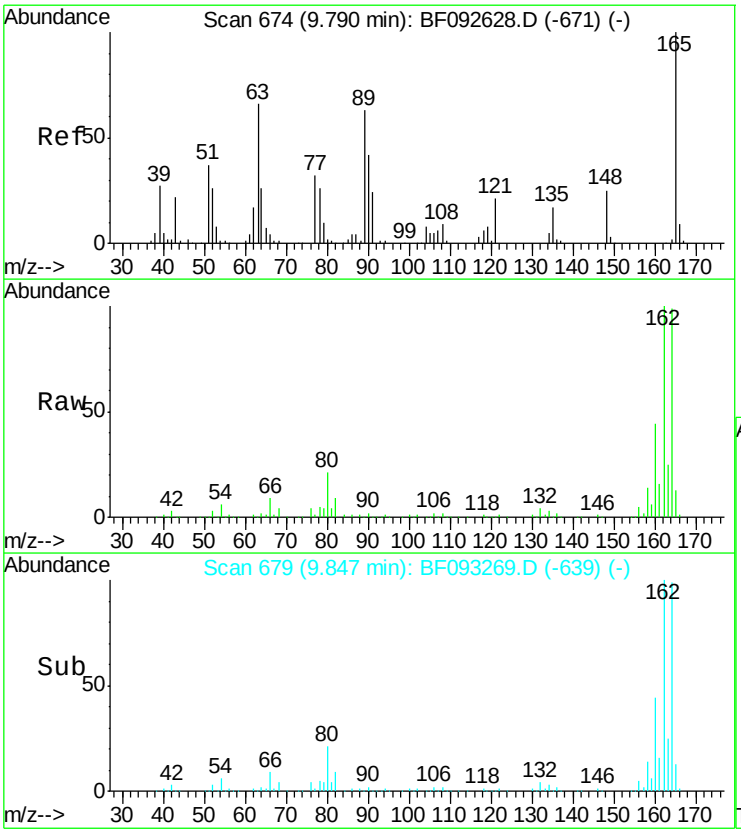
#44
2-Fluorobiphenyl
Concen: 24.35 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:172 Resp: 256570

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	23.2	20.2	30.4

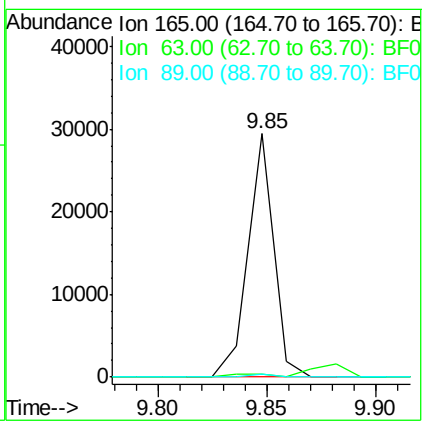


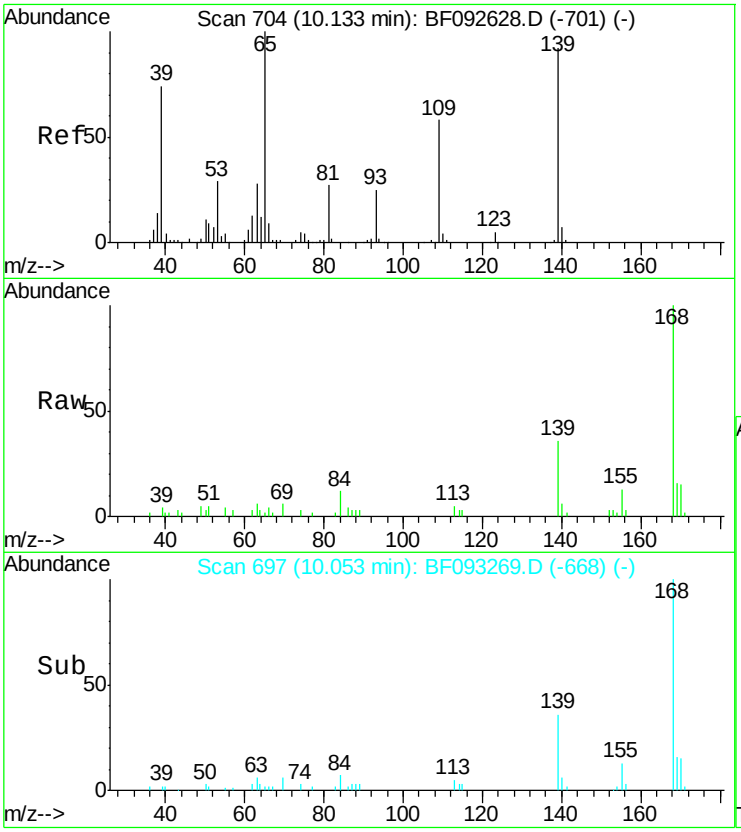


#50
2,6-Dinitrotoluene
Concen: 8.68 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.16 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:165 Resp: 24117

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.4	40.2	60.4#



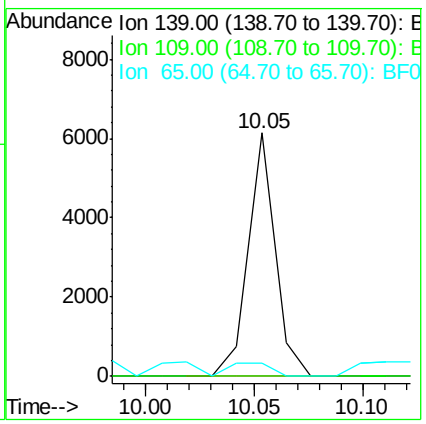


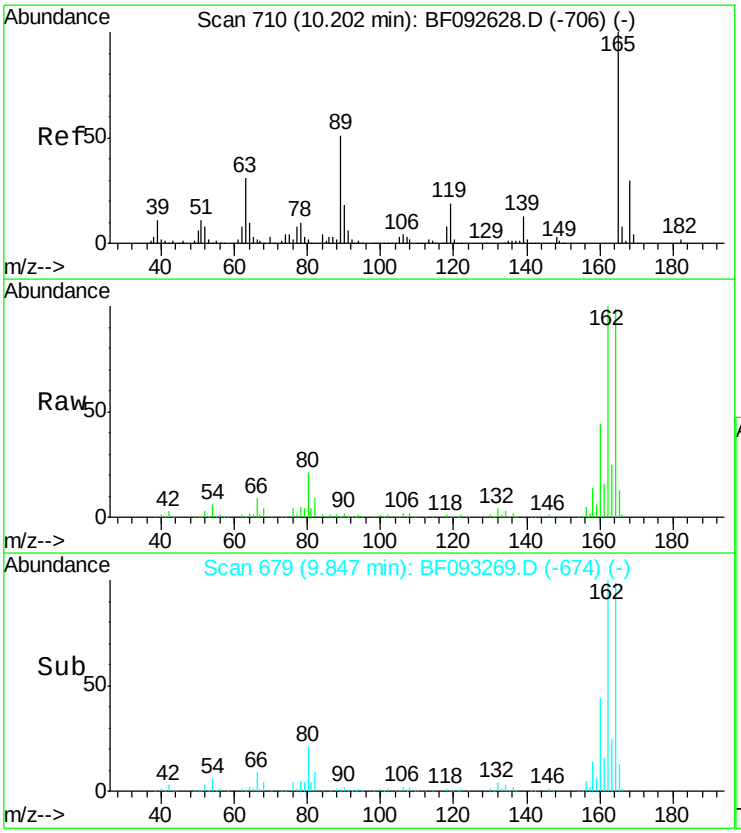
#55
4-Nitrophenol
Concen: 2.31 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.03 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:139 Resp: 5296

Ion	Ratio	Lower	Upper
139	100		
109	0.0	52.2	92.2#
65	5.7	85.8	125.8#

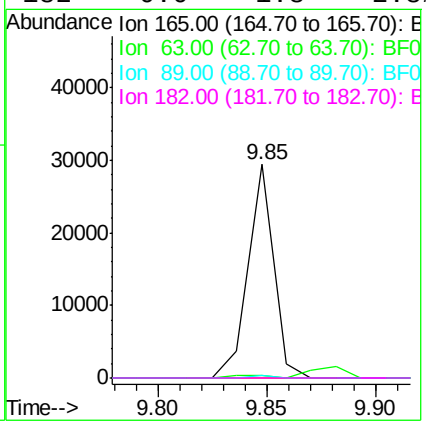


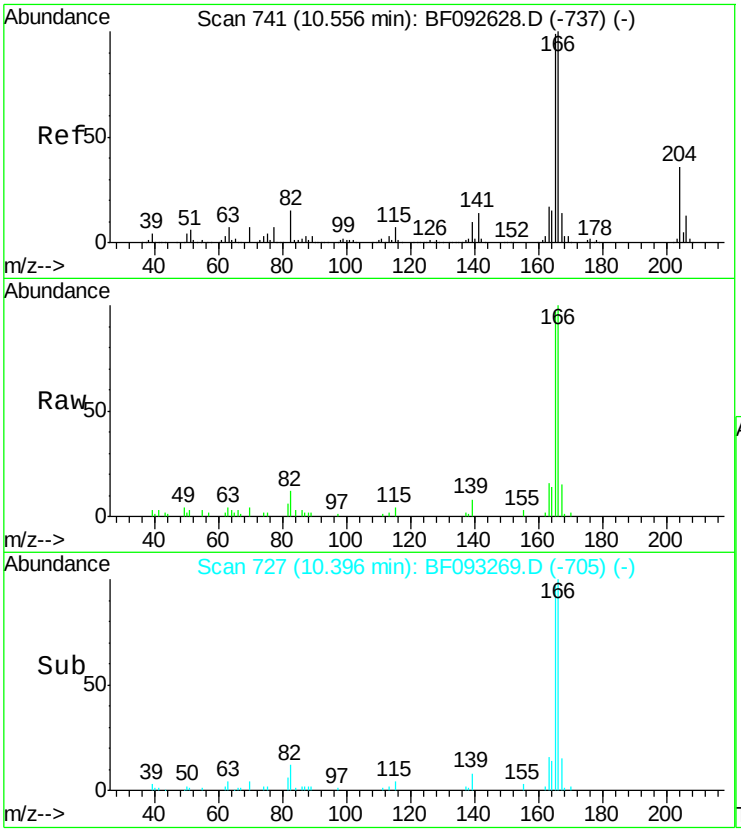


#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.24 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:165 Resp: 24117

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#



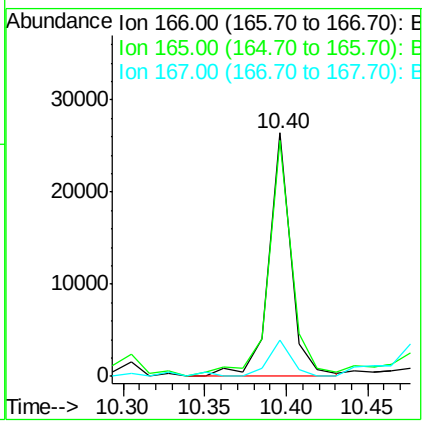


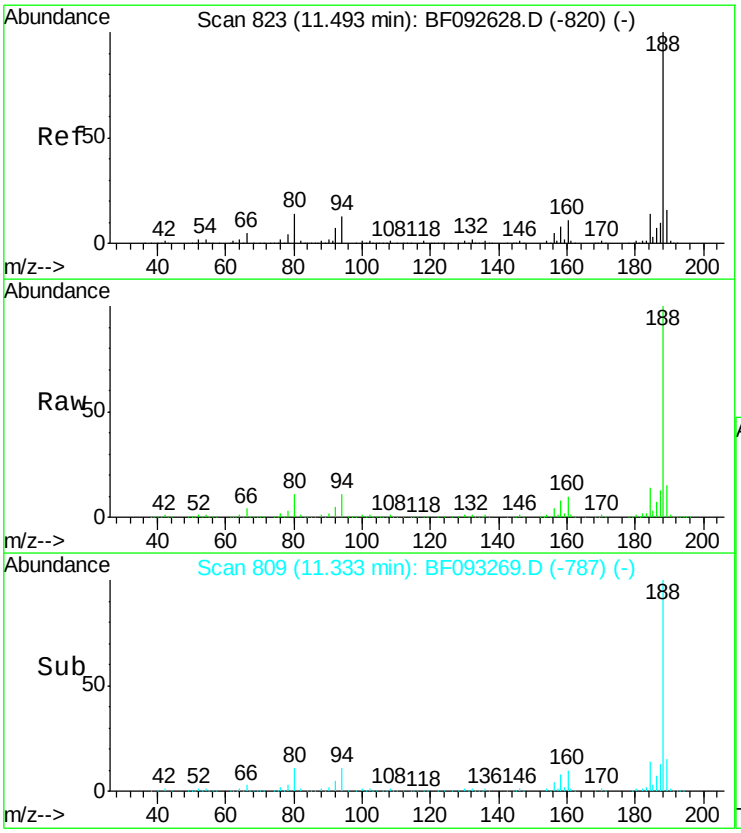
#57
Fluorene
Concen: 2.17 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:166 Resp: 24967

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.8	116.8
167	14.8	10.8	16.2

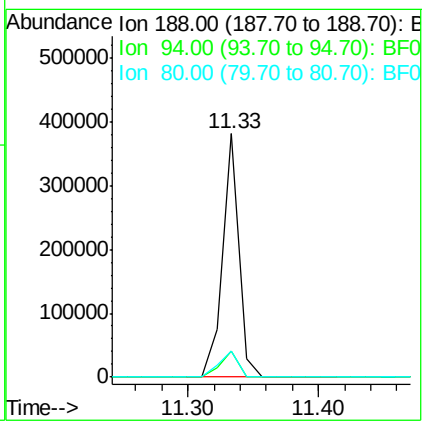


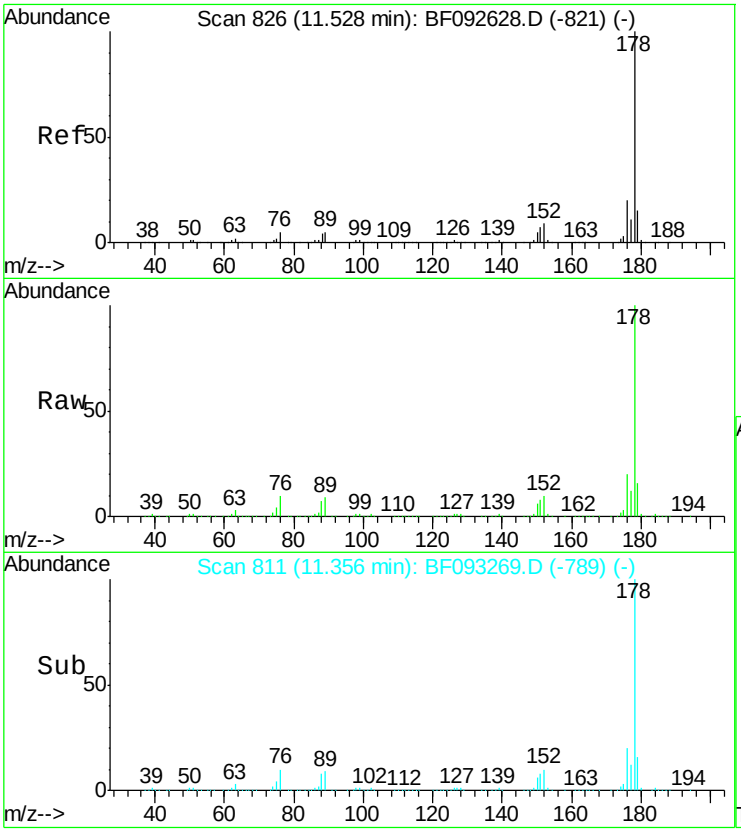


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:188 Resp: 334447

Ion	Ratio	Lower	Upper
188	100		
94	10.6	10.0	15.0
80	10.9	11.2	16.8#



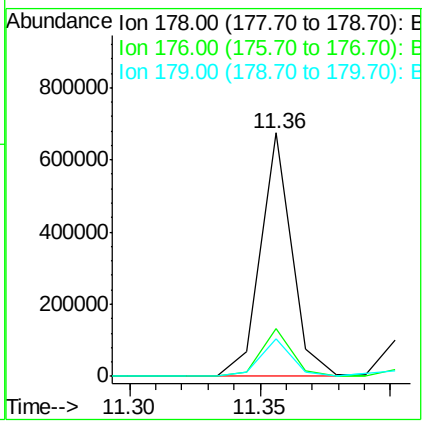


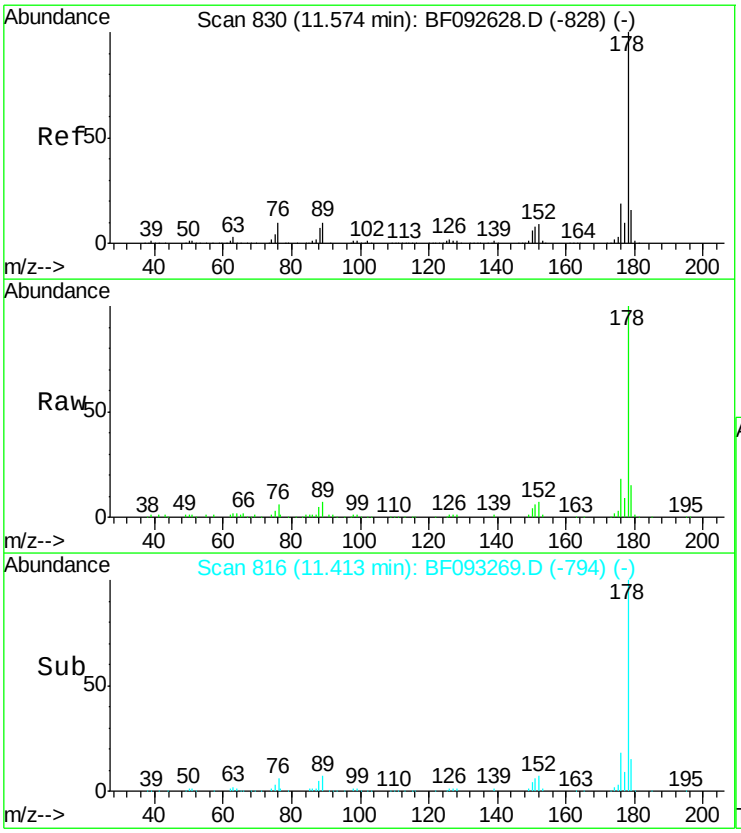
#70
Phenanthrene
Concen: 29.47 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:178 Resp: 564690

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	15.6	12.8	19.2

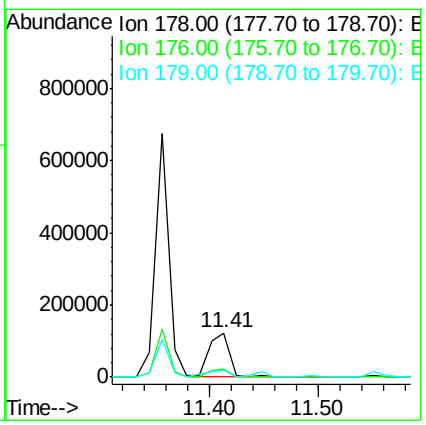


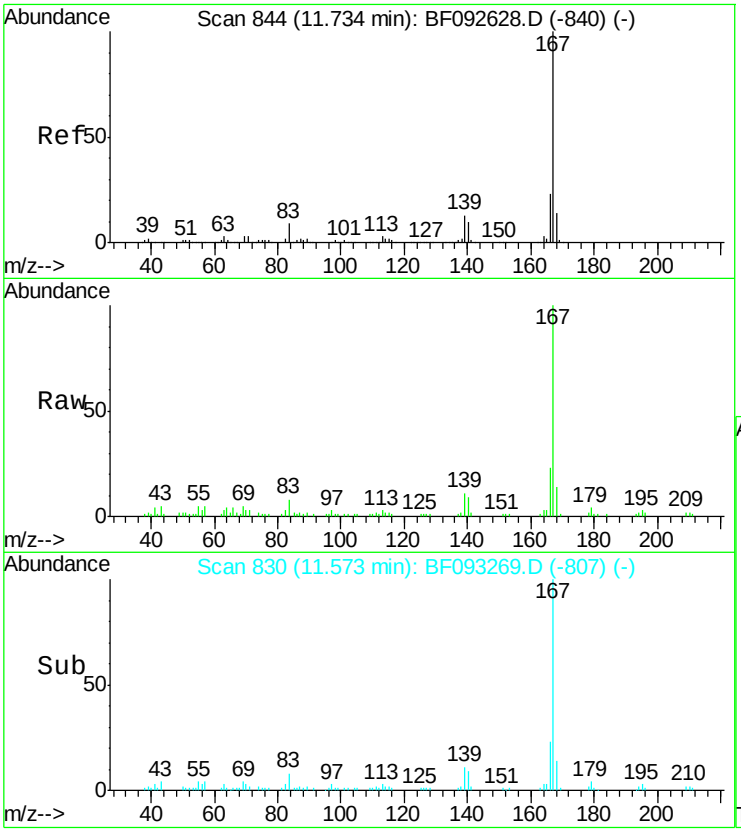


#71
Anthracene
Concen: 8.76 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:178 Resp: 168544

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	15.1	13.2	19.8



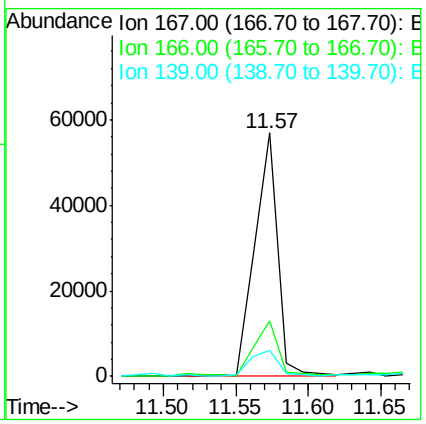


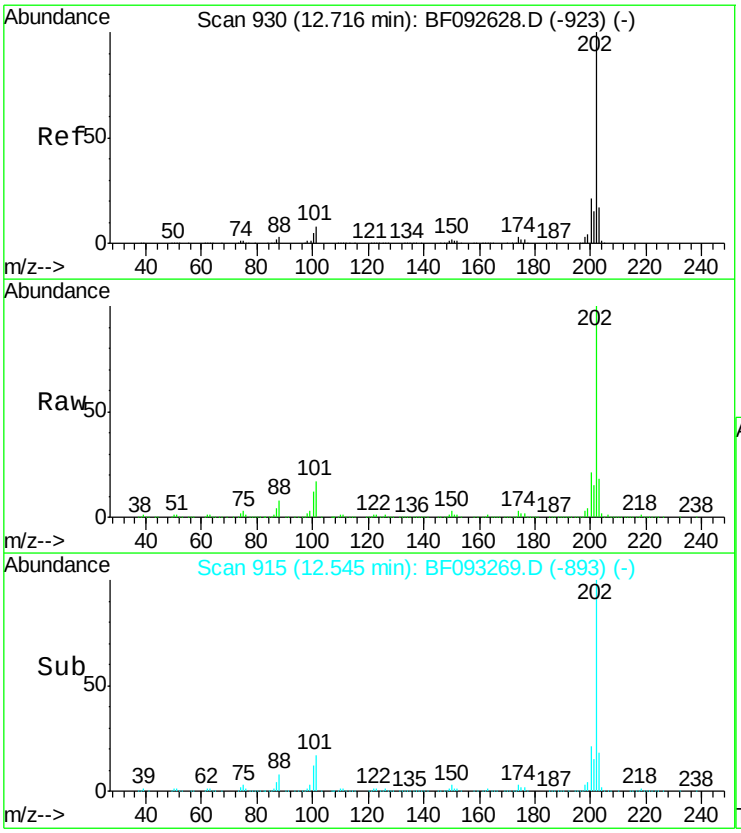
#72
Carbazole
Concen: 3.37 ng
RT: 11.57 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:167 Resp: 61968

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	10.9	11.4	17.2#

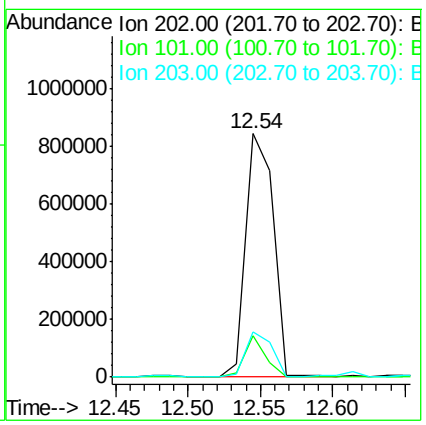


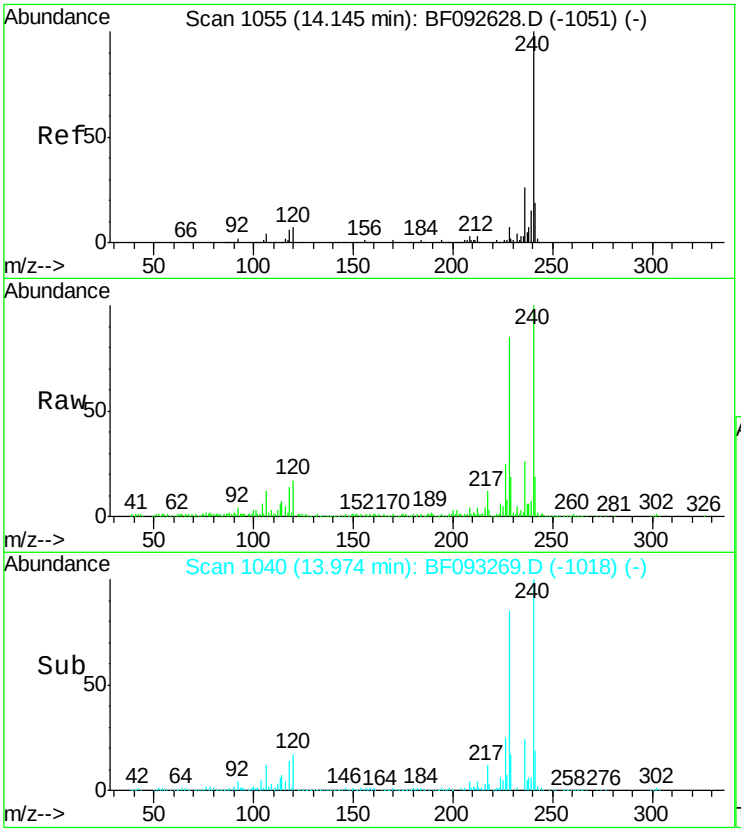


#74
Fluoranthene
Concen: 56.19 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:202 Resp: 1110567

Ion	Ratio	Lower	Upper
202	100		
101	17.1	0.0	34.6
203	18.4	0.0	38.7



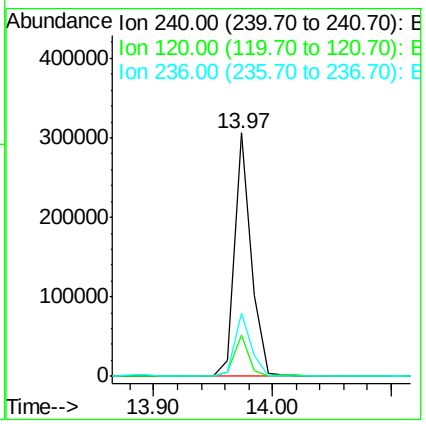


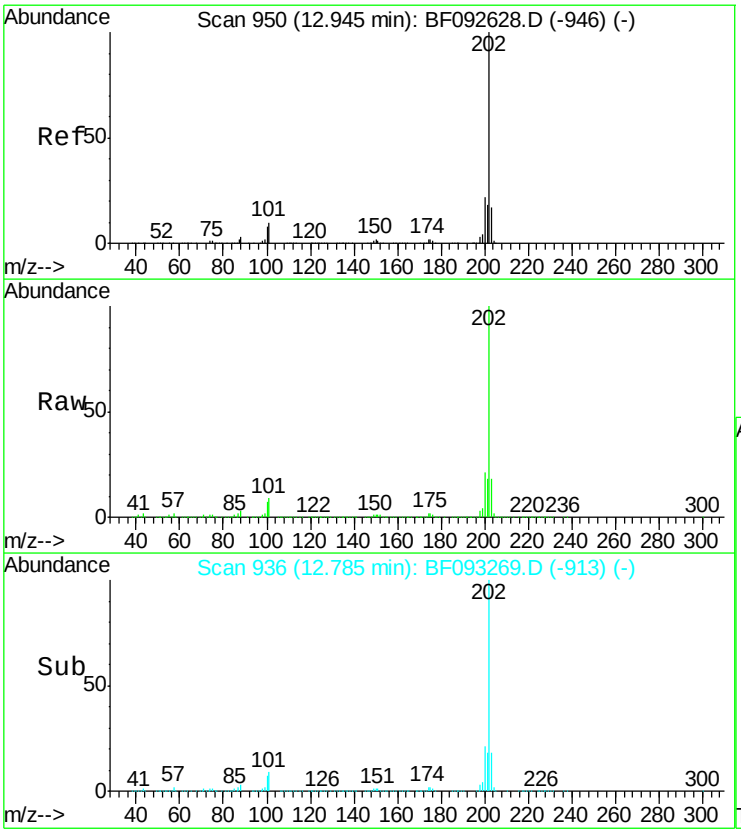
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:240 Resp: 297706

Ion	Ratio	Lower	Upper
240	100		
120	17.0	12.9	19.3
236	25.7	20.9	31.3

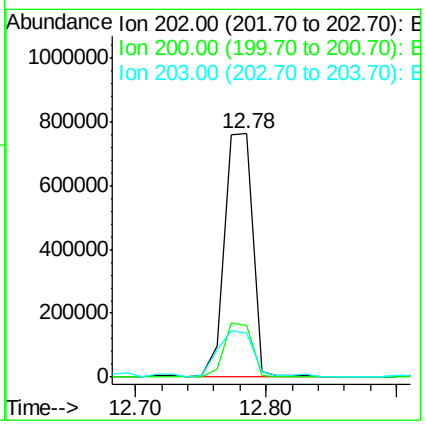


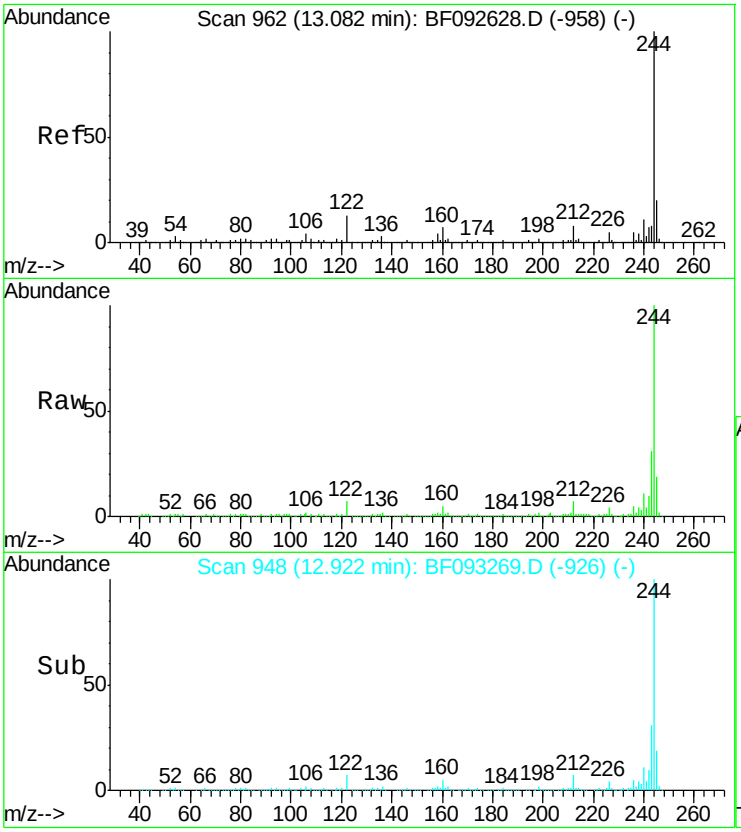


#77
Pyrene
Concen: 50.77 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:202 Resp: 1131108

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	17.9	14.7	22.1



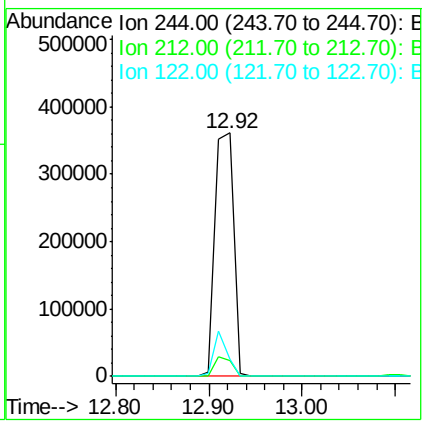


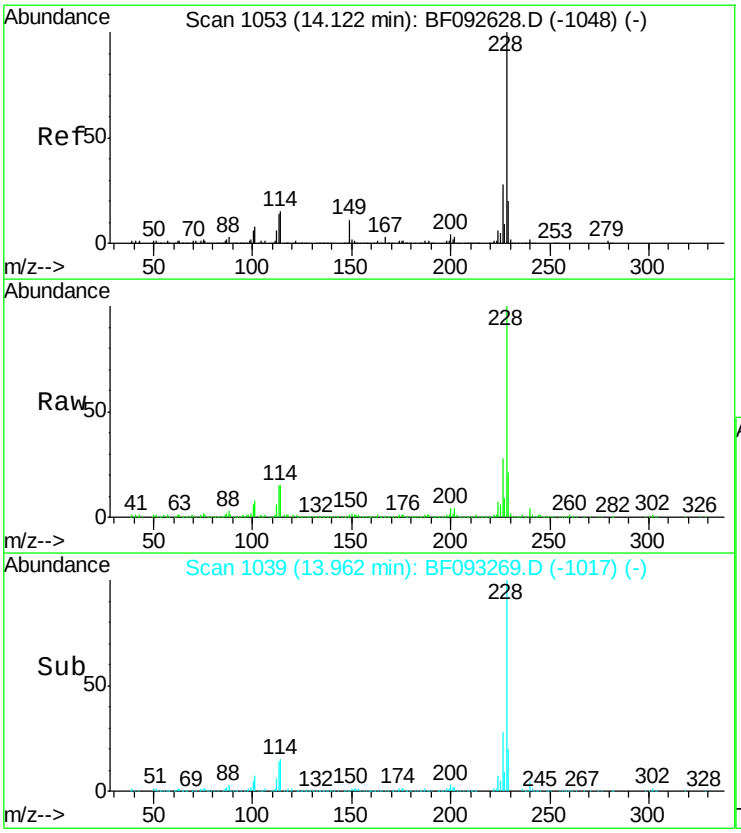
#78
Terphenyl-d14
Concen: 39.51 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:244 Resp: 500602

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.2	9.2
122	6.9	11.4	17.2#

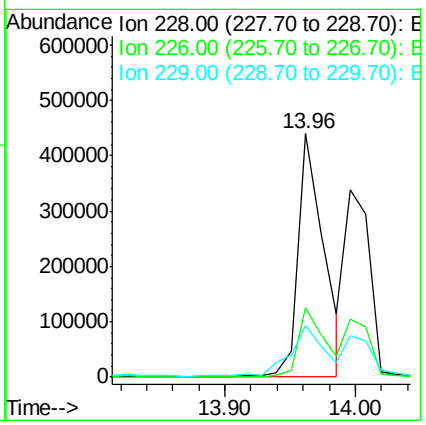


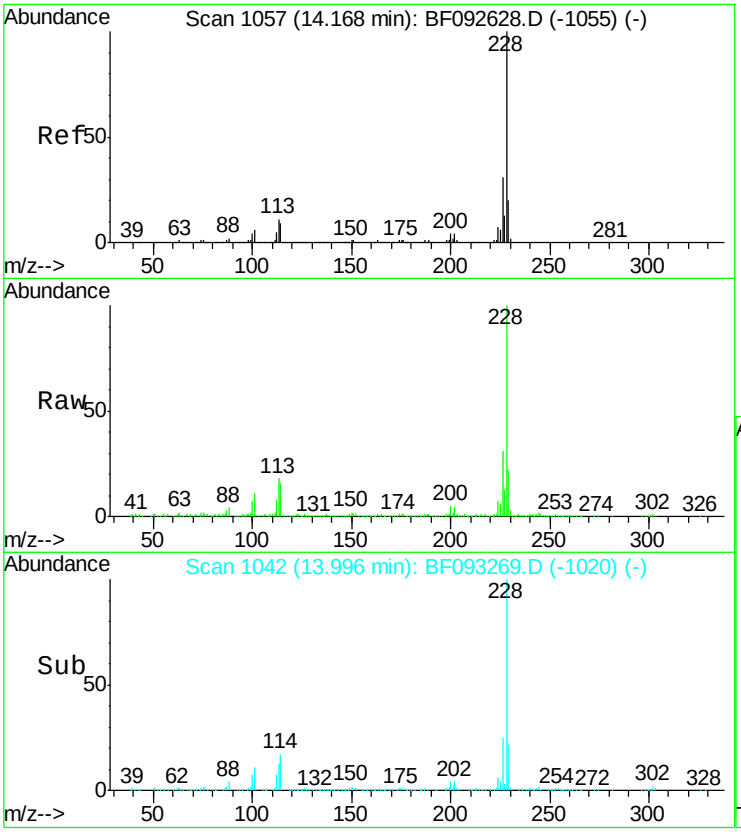


#80
Benzo(a)anthracene
Concen: 32.73 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:228 Resp: 595921

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	21.4	16.2	24.4



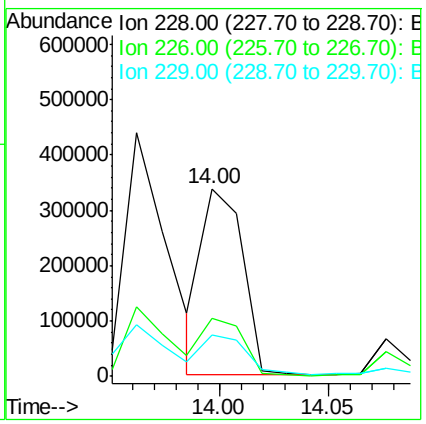


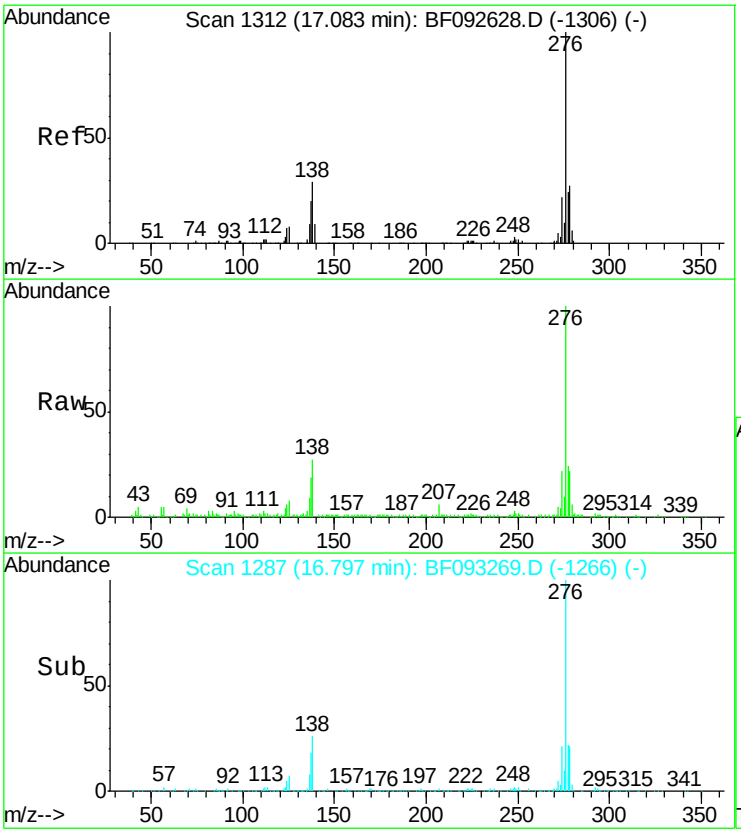
#82
Chrysene
Concen: 25.82 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:228 Resp: 440150

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	22.0	16.2	24.2

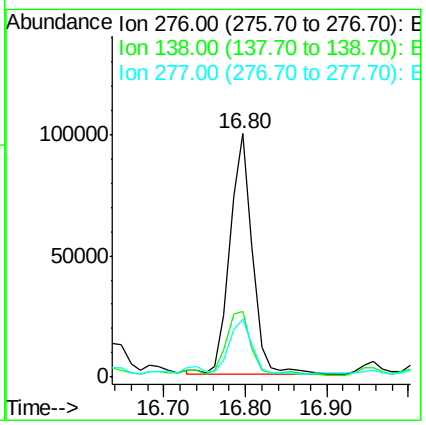


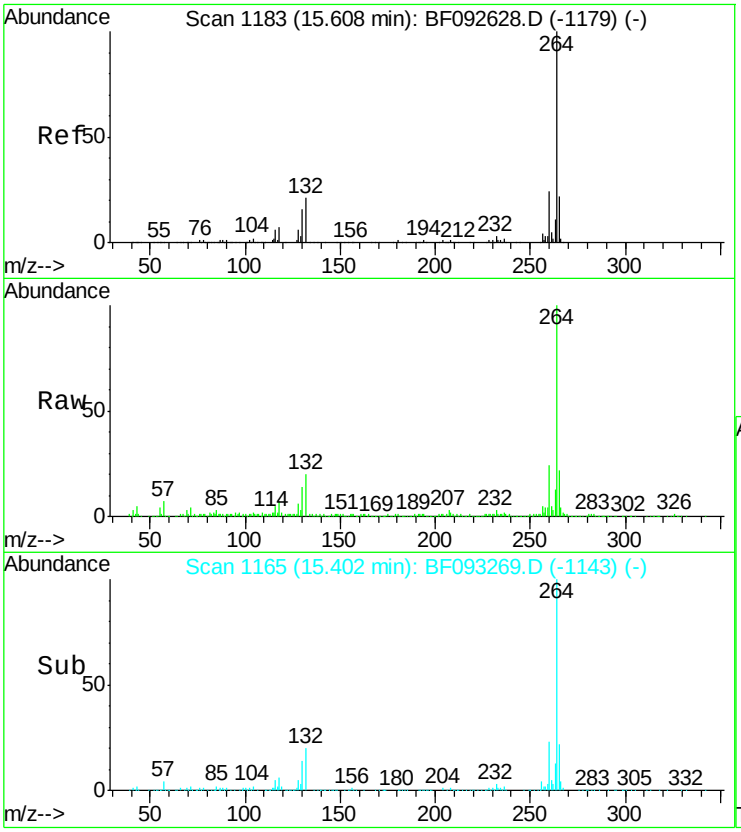


#85
Indeno(1,2,3-cd)pyrene
Concen: 14.47 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.06 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:276 Resp: 191043

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	22.4	20.2	30.4



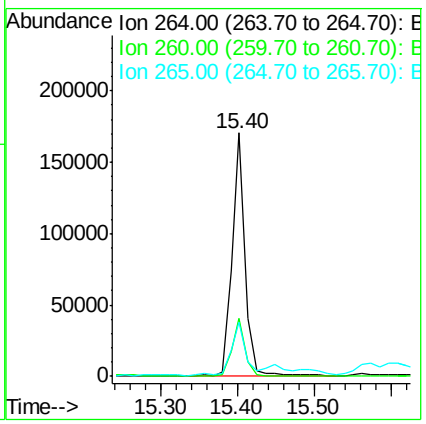


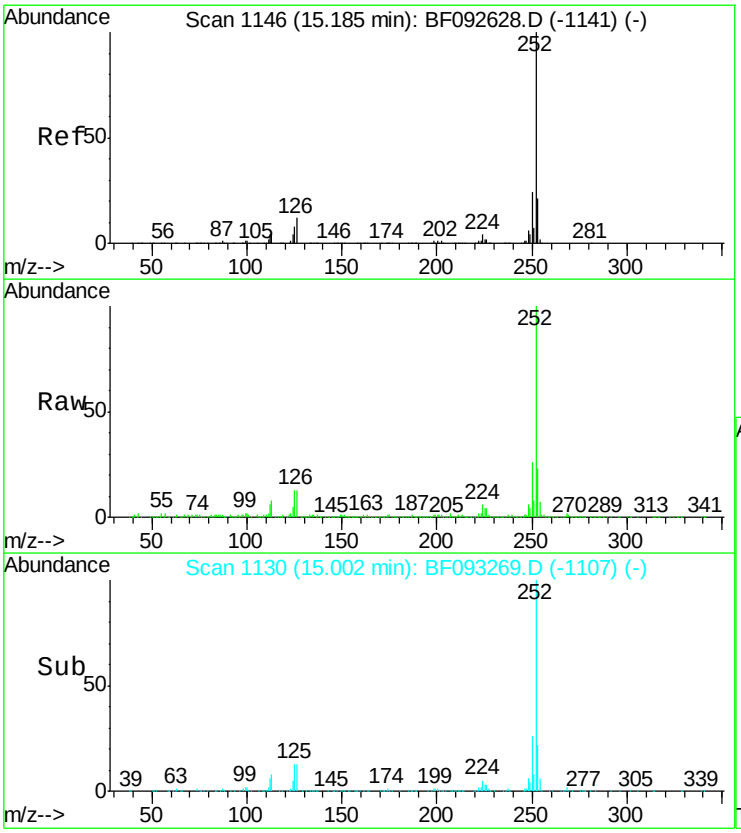
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:264 Resp: 205596

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.4	26.0

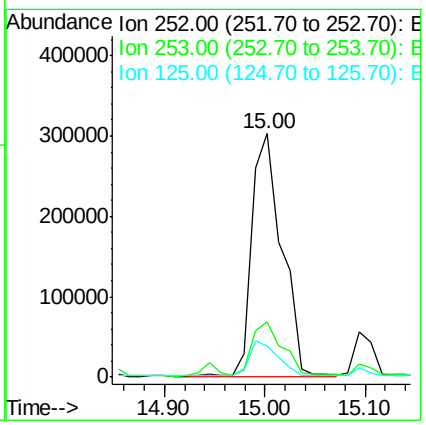


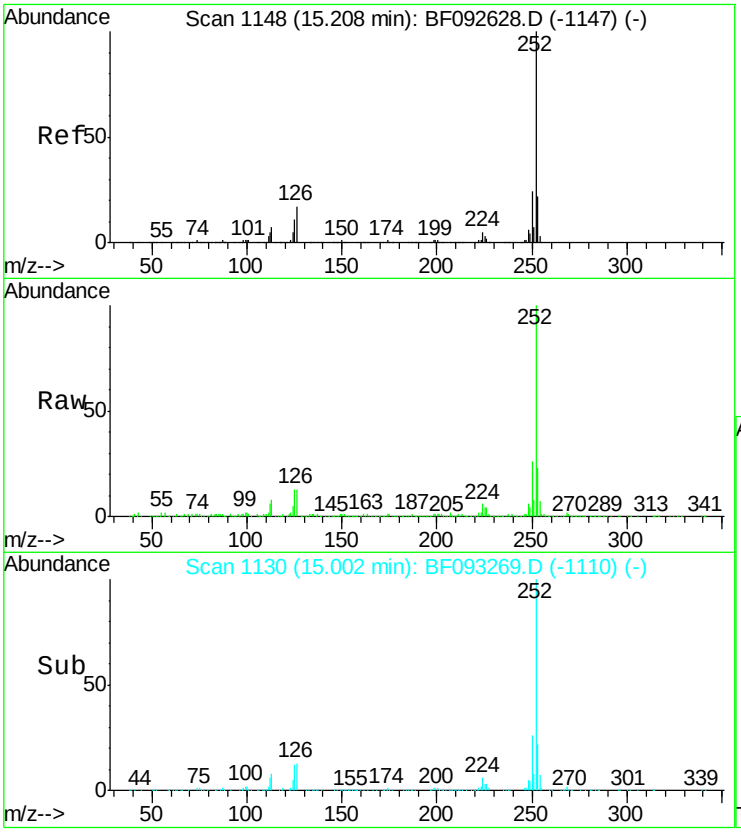


#87
Benzo(b)fluoranthene
Concen: 46.05 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:252 Resp: 623102

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	13.0	9.8	14.6



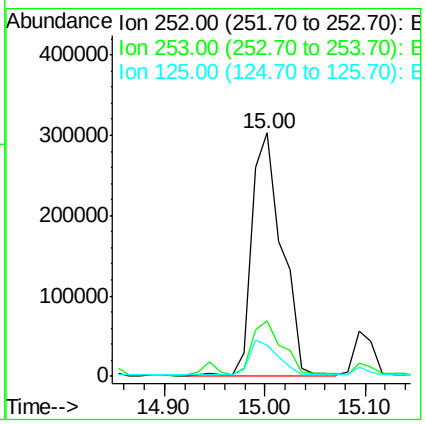


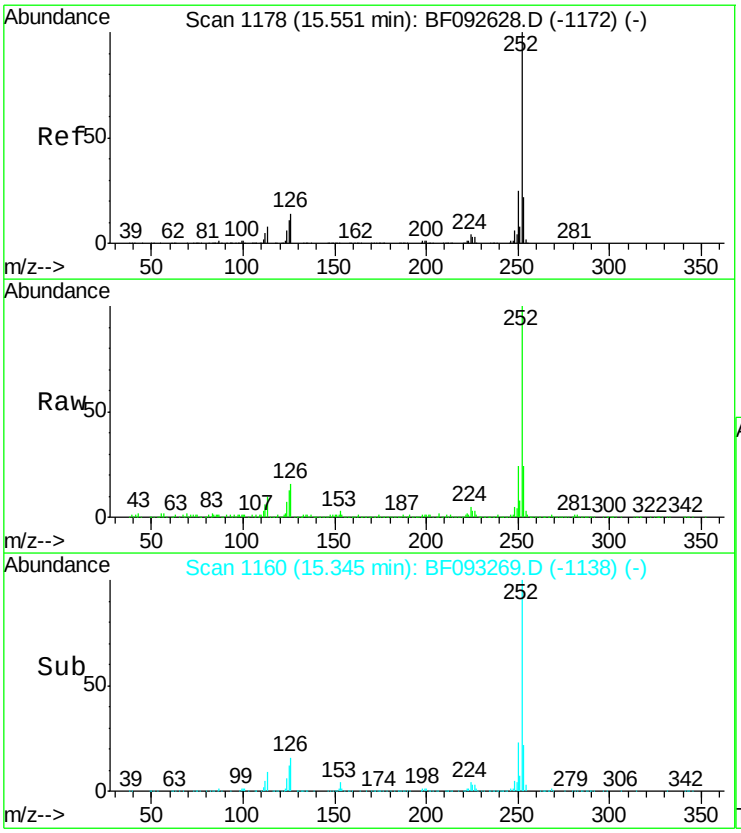
#88
Benzo(k)fluoranthene
Concen: 53.33 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:252 Resp: 623102

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	13.0	8.9	13.3

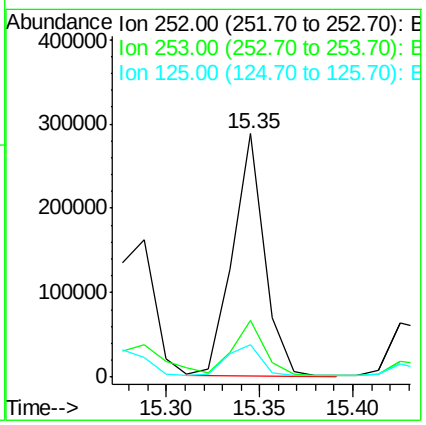


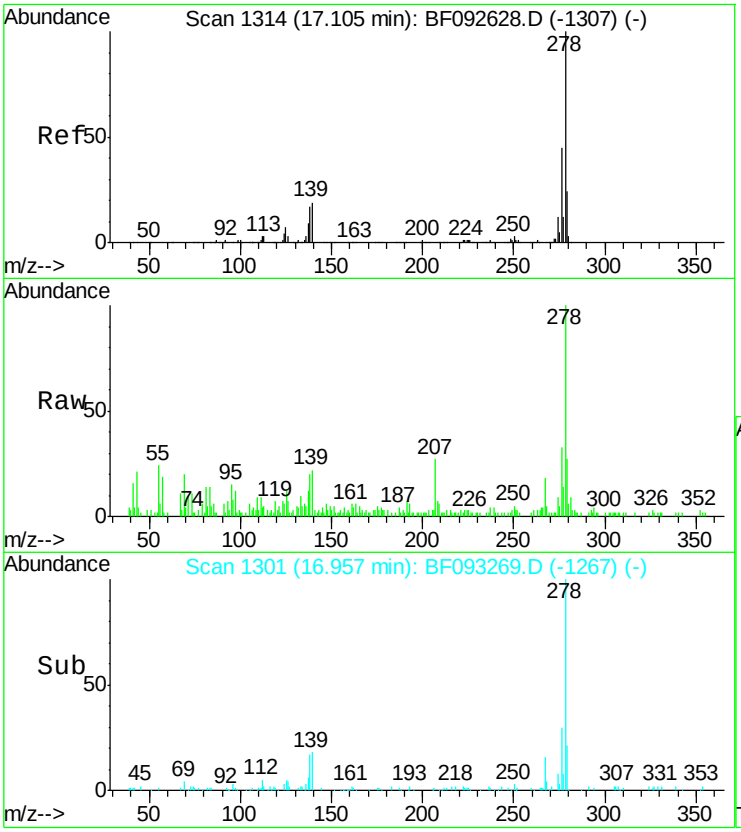


#89
Benzo(a)pyrene
Concen: 29.18 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:252 Resp: 341545

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	13.3	10.0	15.0



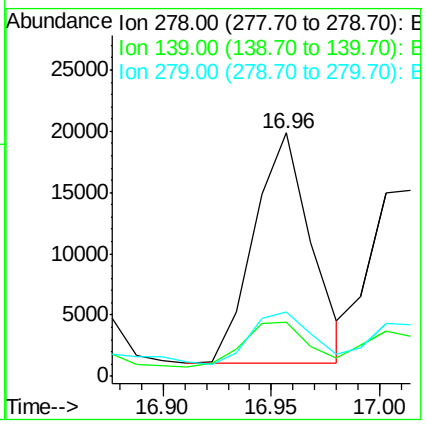


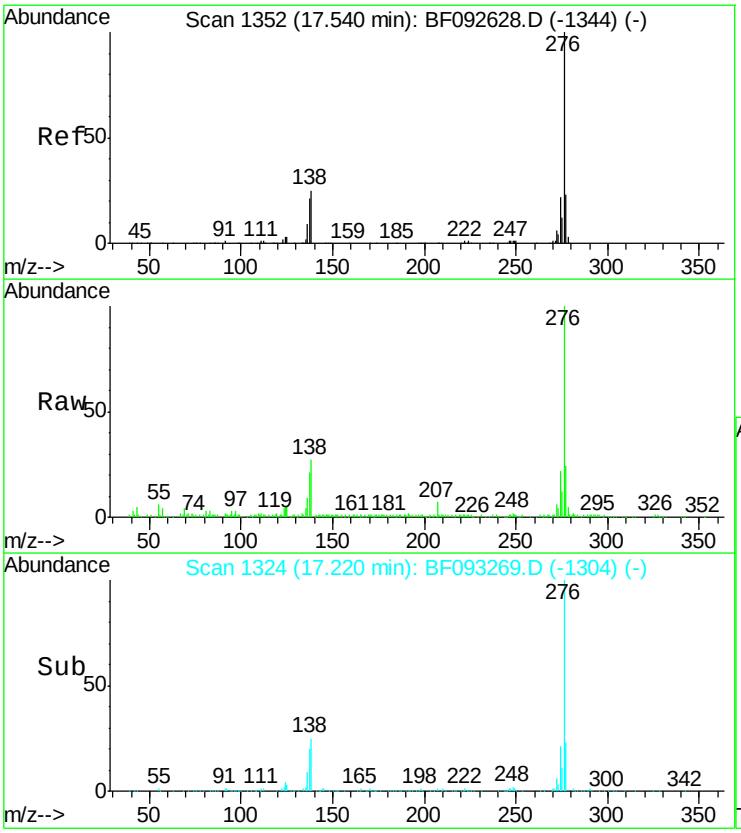
#90
Dibenzo(a,h)anthracene
Concen: 3.61 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.09 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASEDL

Tgt Ion:278 Resp: 34165

Ion	Ratio	Lower	Upper
278	100		
139	22.0	14.8	22.2
279	26.7	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 19.53 ng
RT: 17.22 min Scan# 1324
Delta R.T. -0.07 min
Lab File: BF093269.D
Acq: 1 Mar 2017 3:10

Tgt Ion:276 Resp: 186635

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	27.1	16.0	24.0#