Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093344.D
Acq On : 3 Mar 2017 2:02
Operator : SJ/MA
Sample : I2003-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB437

Quant Time: Mar 03 02:30:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158988	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	590725	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	265465	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	421611	20.00	ng		0.00
75) Chrysene-d12	13.97	240	293172	20.00	ng		-0.01
86) Perylene-d12	15.40	264	278208	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	980441	105.80	ng		0.00
7) Phenol-d6	6.44	99	1209314	101.42	ng		-0.01
23) Nitrobenzene-d5	7.37	82	746147	70.34	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	200980	104.68	ng		0.01
44) 2-Fluorobiphenyl	9.17	172	1094938	74.72	ng		0.00
78) Terphenyl-d14	12.92	244	778446	62.39	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	7.87	122	2759	7.62	ng	#	14
35) Caprolactam	8.52	113	40984	15.36	ng	#	1
49) Dimethylphthalate	9.57	163	398390	22.28	ng		98
50) 2,6-Dinitrotoluene	9.62	165	16689	4.32	ng	#	45
52) 3-Nitroaniline	9.80	138	21613	4.89	ng	#	17
53) 2,4-Dinitrophenol	9.89	184	1079	5.25	ng	#	1
55) 4-Nitrophenol	9.97	139	6630	2.08	ng	#	1
56) 2,4-Dinitrotoluene	10.09	165	10853	2.11	ng	#	39
57) Fluorene	10.41	166	38984	2.44	ng	#	82
61) 4-Nitroaniline	10.30	138	14338	3.17	ng		92
64) 4,6-Dinitro-2-methylphenol	10.48	198	1049	3.05	ng	#	1
69) Pentachlorophenol	11.18	266	528	7.42	ng	#	9
70) Phenanthrene	11.37	178	493299	20.42	ng		98
71) Anthracene	11.37	178	493299	20.34	ng		99
72) Carbazole	11.58	167	57705	2.49	ng	#	76
74) Fluoranthene	12.56	202	542916	21.79	ng		95
77) Pyrene	12.78	202	494387	22.53	ng		99
80) Benzo(a)anthracene	13.96	228	239954	13.38	ng		97
82) Chrysene	14.00	228	174773	10.41	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	122614	9.43	ng		96
87) Benzo(b)fluoranthene	14.99	252	316052	17.26	ng	#	93
88) Benzo(k)fluoranthene	14.99	252	316052	19.99	ng	#	92
89) Benzo(a)pyrene	15.35	252	174485	11.02	ng	#	96
90) Dibenzo(a,h)anthracene	16.79	278	33676	2.63	ng	#	78
91) Benzo(g,h,i)perylene	17.21	276	115882	8.96	ng	#	90

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

Quantitation Report (Not Reviewed)

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Acq On : 3 Mar 2017 2:02
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Misc :
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Instrument : BNA_F
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Quant Time: Mar 03 02:30:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
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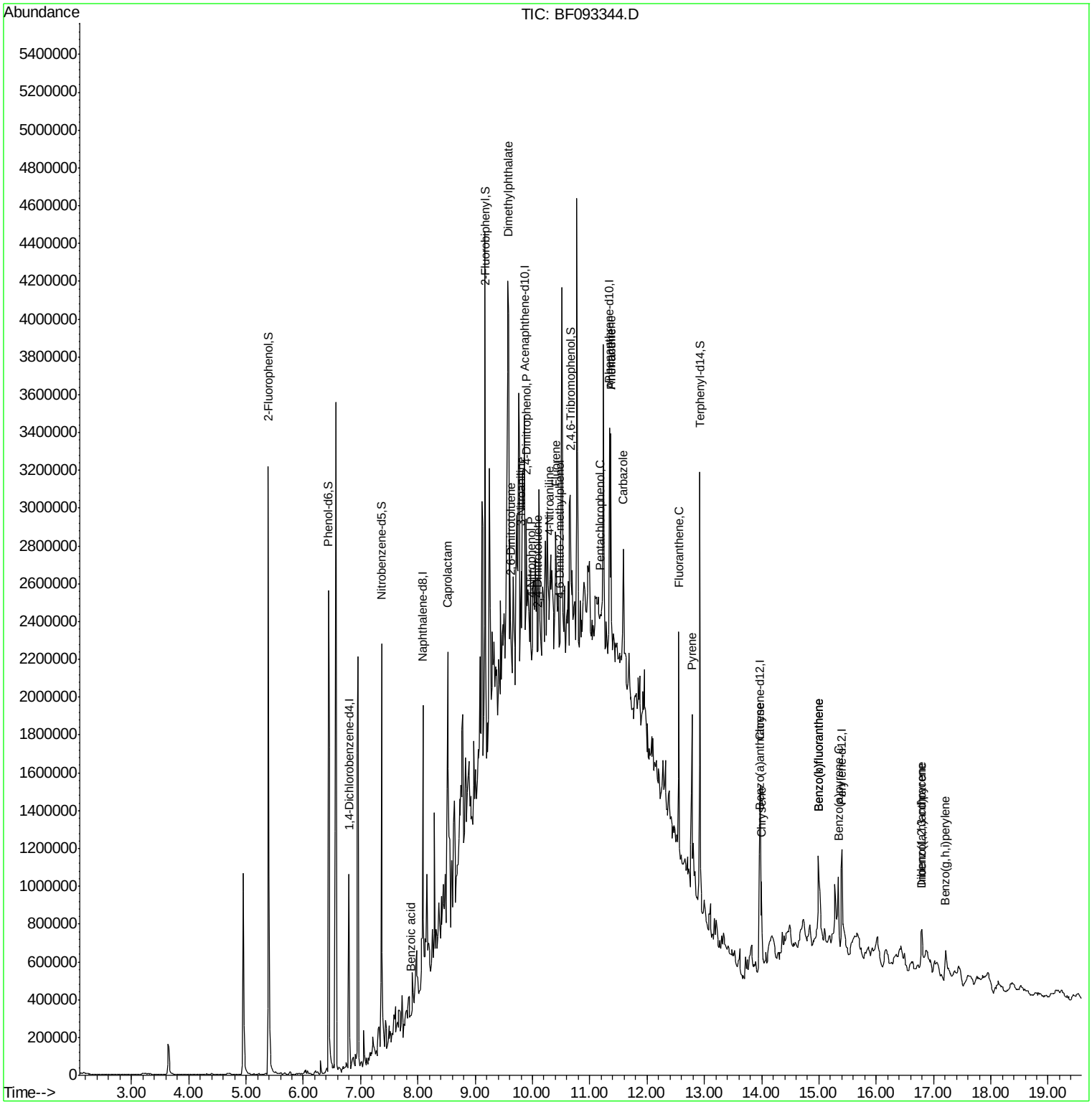
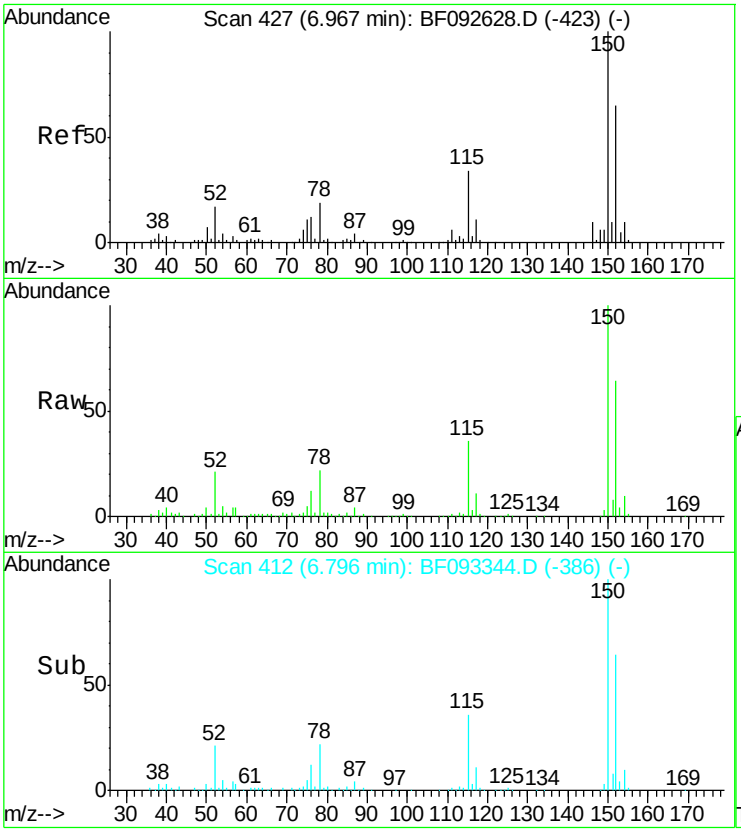


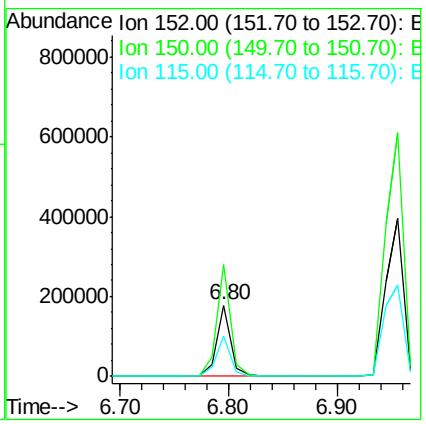


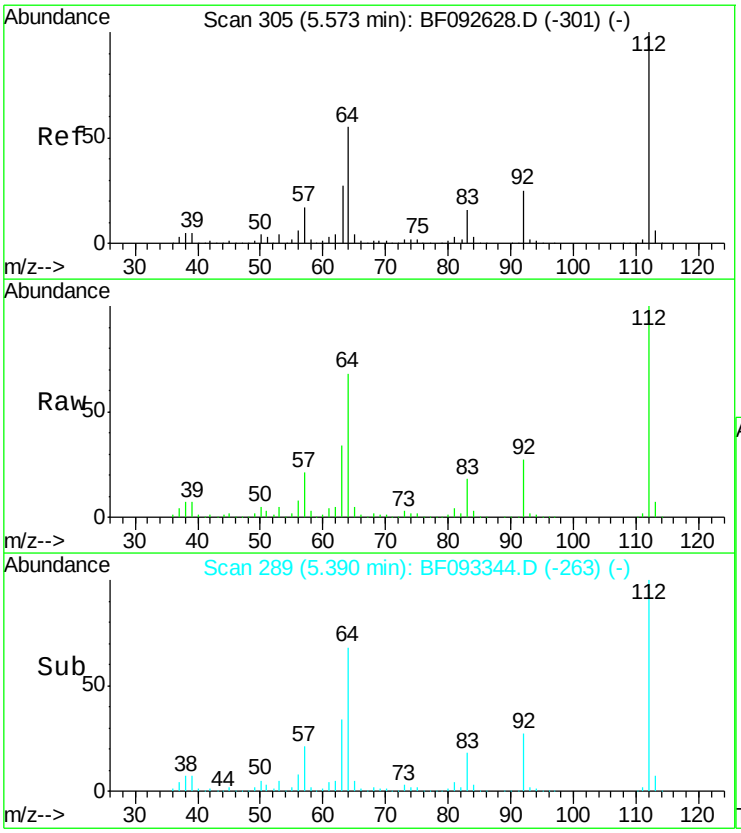
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:152 Resp: 158988

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	56.4	46.0	69.0

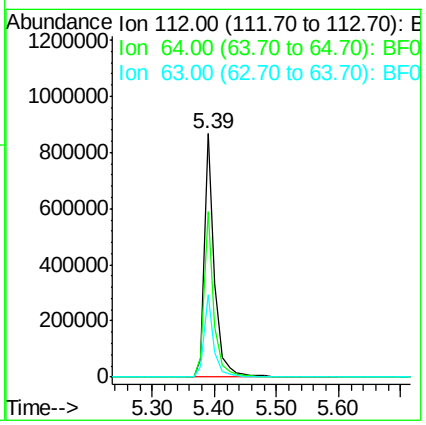


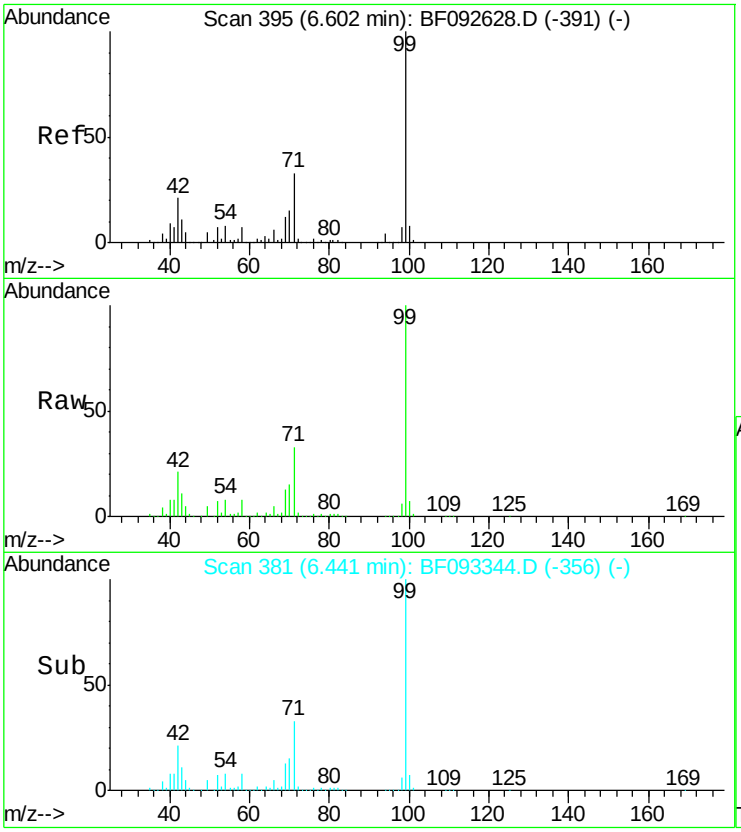


#5
2-Fluorophenol
Concen: 105.80 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:112 Resp: 980441

Ion	Ratio	Lower	Upper
112	100		
64	68.2	46.1	69.1
63	34.1	23.8	35.6



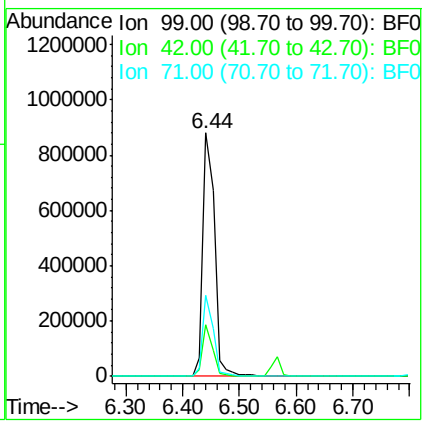


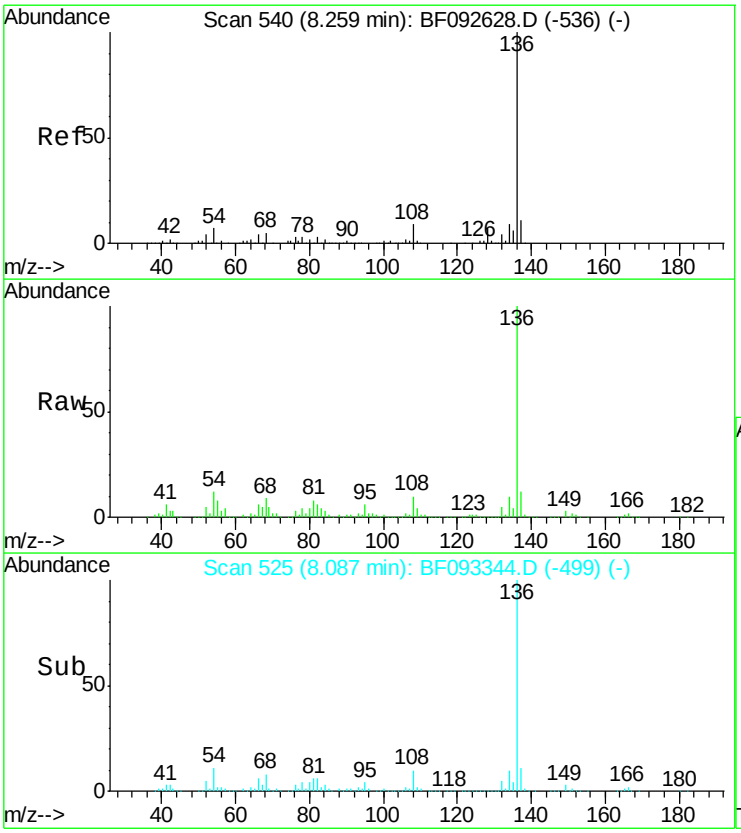
#7
Phenol-d6
Concen: 101.42 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion: 99 Resp: 1209314

Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.6	23.4
71	33.2	27.5	41.3

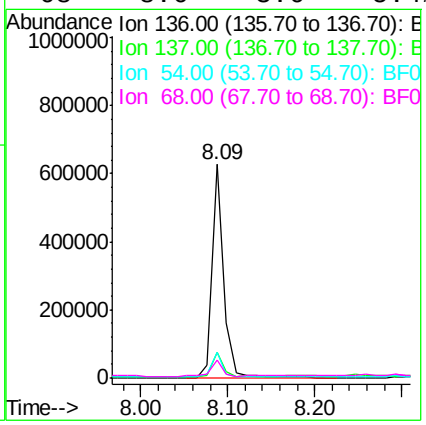


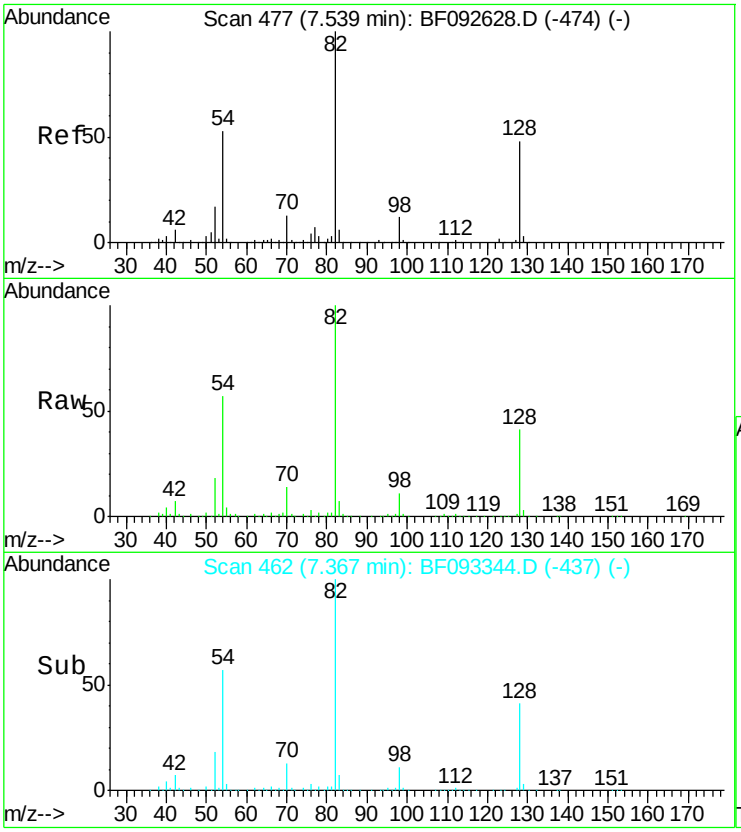


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:136 Resp: 590725

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.4	12.6
54	11.8	4.5	6.7#
68	8.6	3.6	5.4#



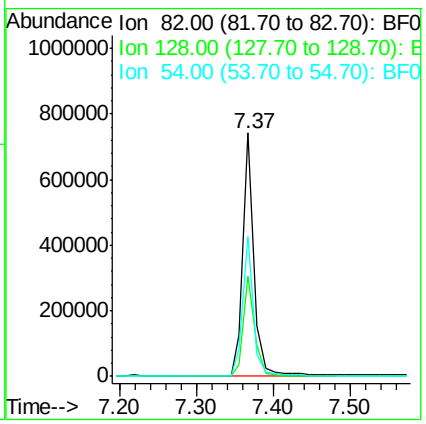


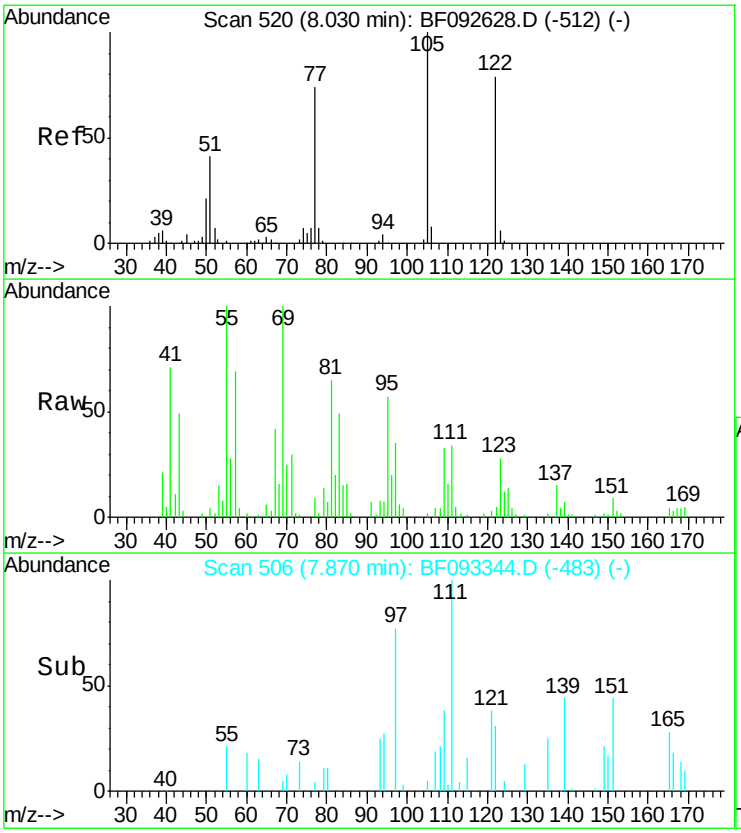
#23
Nitrobenzene-d5
Concen: 70.34 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion: 82 Resp: 746147

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	57.4	39.5	59.3

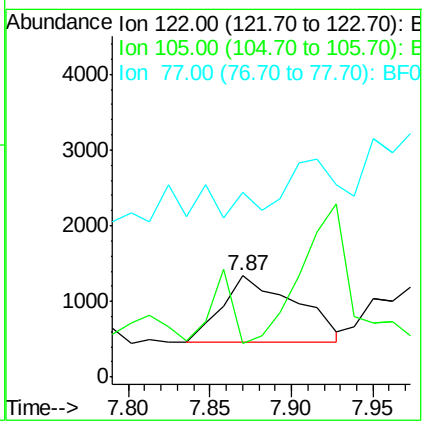


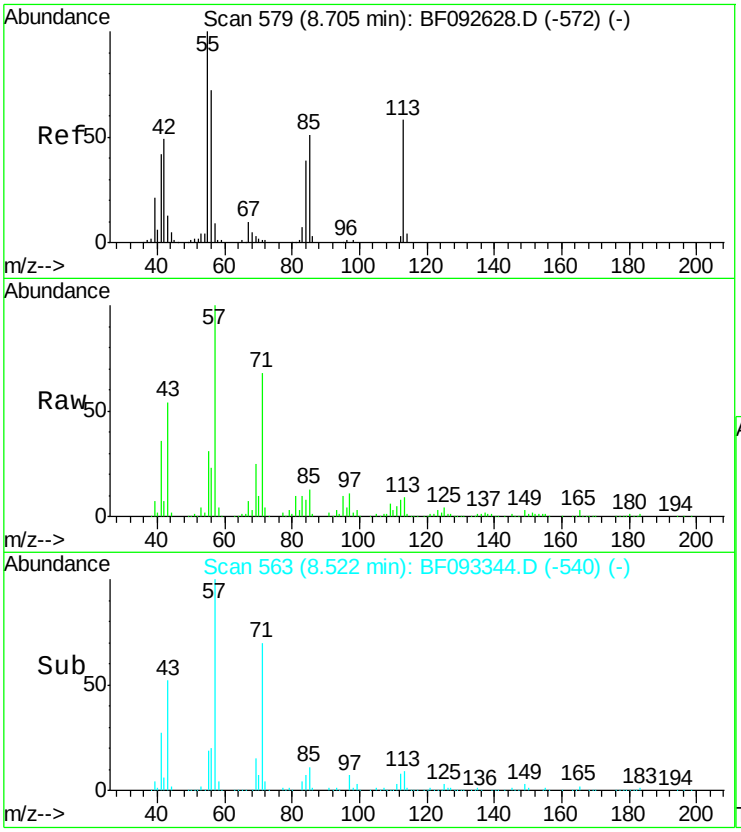


#32
Benzoic acid
Concen: 7.62 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:122 Resp: 2759

Ion	Ratio	Lower	Upper
122	100		
105	33.7	107.2	147.2#
77	182.9	74.5	114.5#



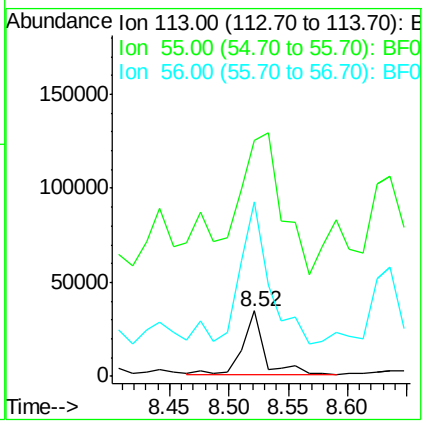


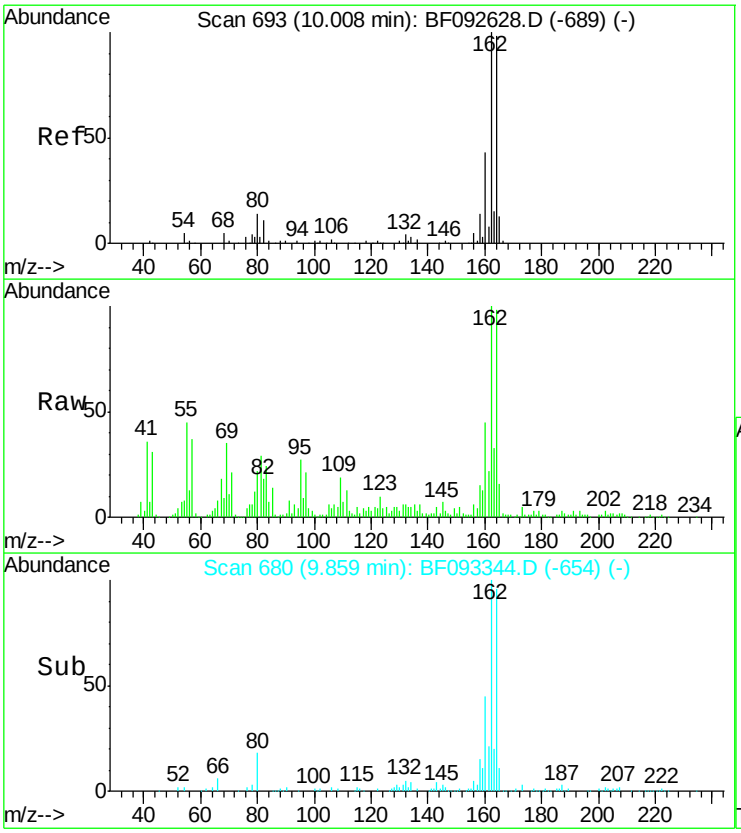
#35
Caprolactam
Concen: 15.36 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.03 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:113 Resp: 40984

Ion	Ratio	Lower	Upper
113	100		
55	360.8	119.2	159.2#
56	265.8	83.8	123.8#

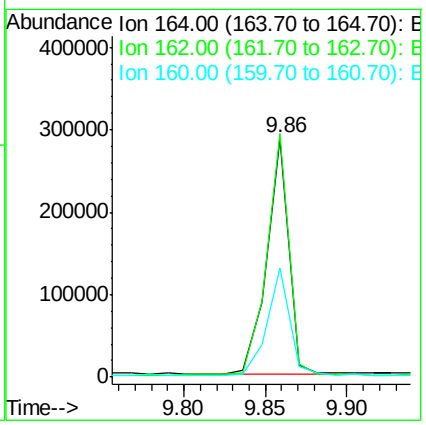


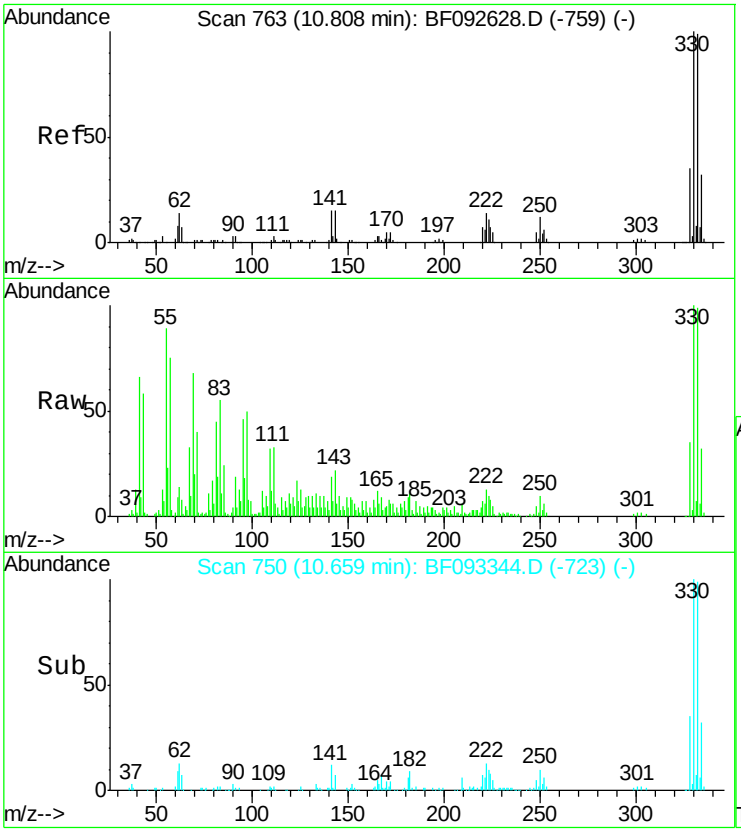


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:164 Resp: 265465

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	46.0	36.9	55.3



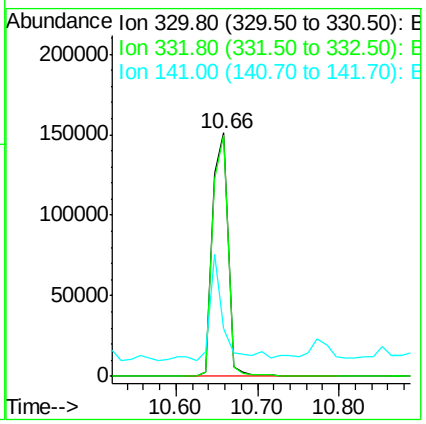


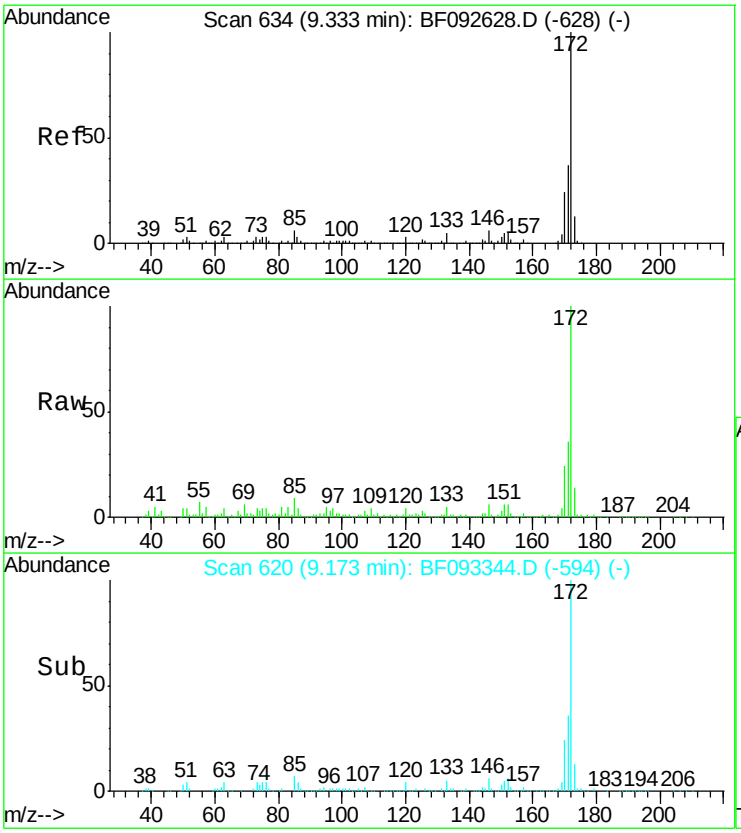
#41
2,4,6-Tribromophenol
Concen: 104.68 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:330 Resp: 200980

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.2
141	37.7	34.1	51.1

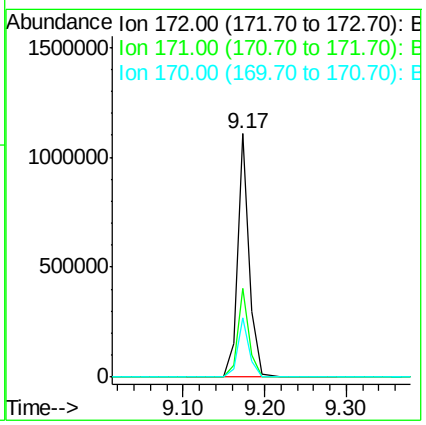


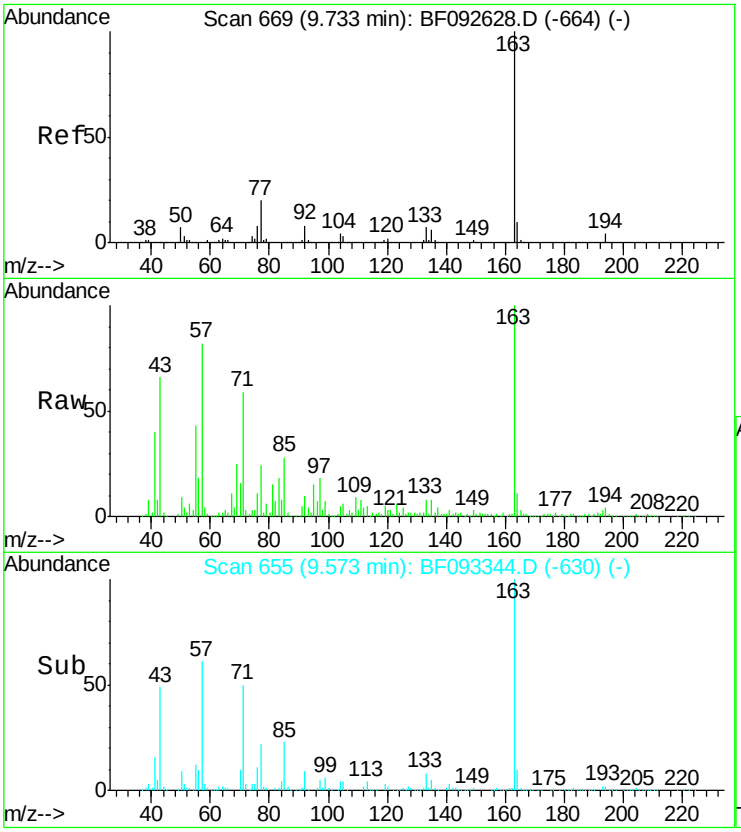


#44
2-Fluorobiphenyl
Concen: 74.72 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:172 Resp: 1094938

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.2	20.2	30.4



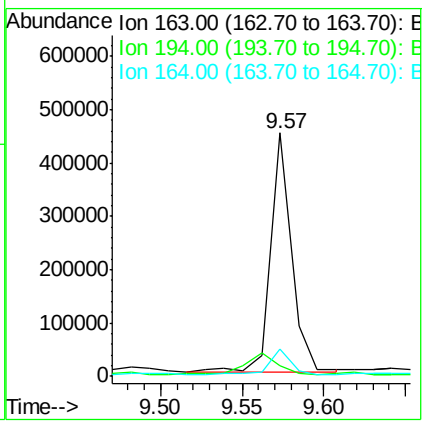


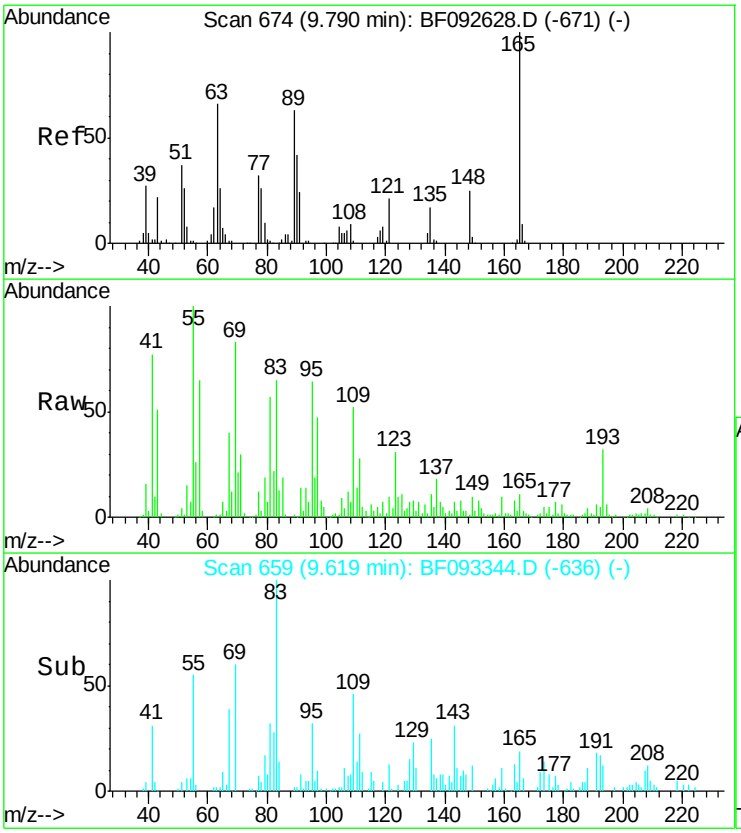
#49
Dimethylphthalate
Concen: 22.28 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:163 Resp: 398390

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	11.0	8.0	12.0

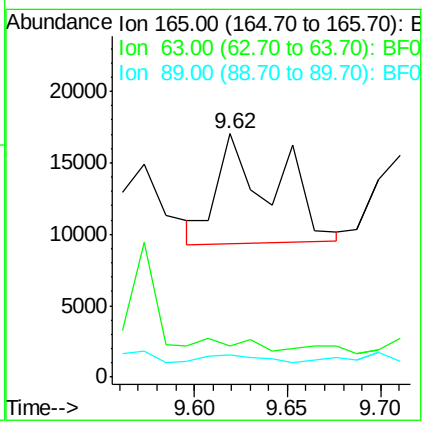


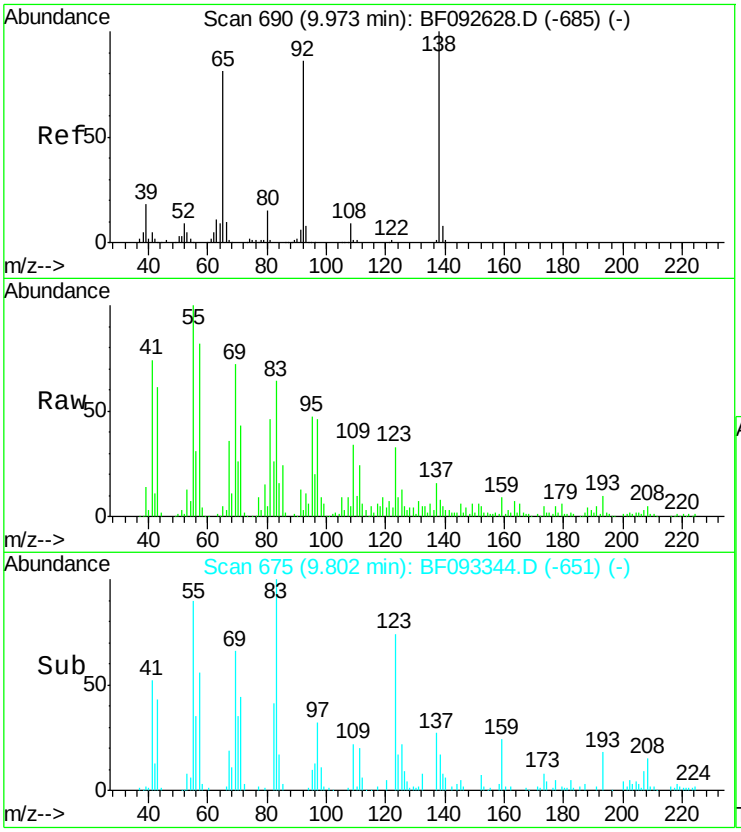


#50
2,6-Dinitrotoluene
Concen: 4.32 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:165 Resp: 16689

Ion	Ratio	Lower	Upper
165	100		
63	12.6	36.2	54.4#
89	8.9	40.2	60.4#



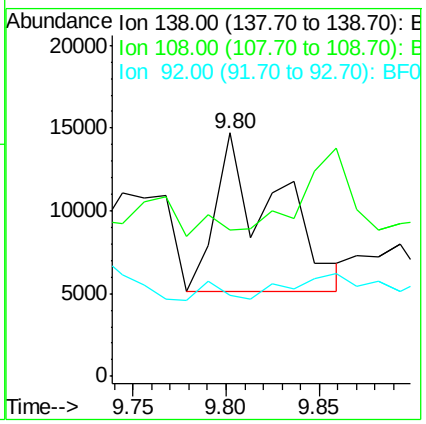


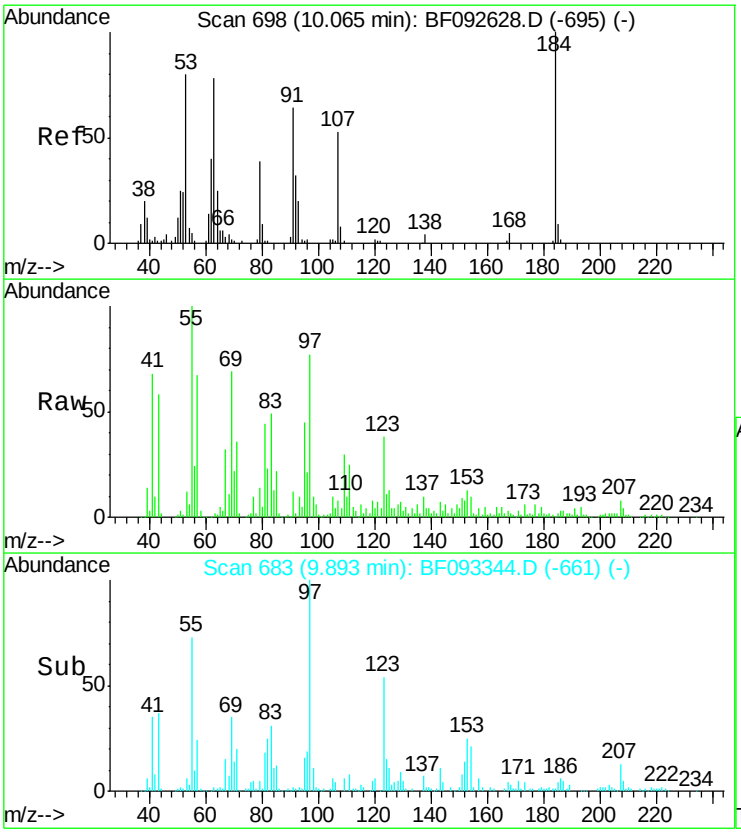
#52
3-Nitroaniline
Concen: 4.89 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:138 Resp: 21613

Ion	Ratio	Lower	Upper
138	100		
108	60.3	8.5	12.7#
92	33.4	97.8	146.8#

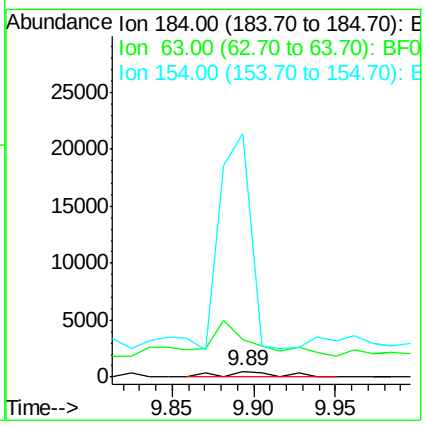


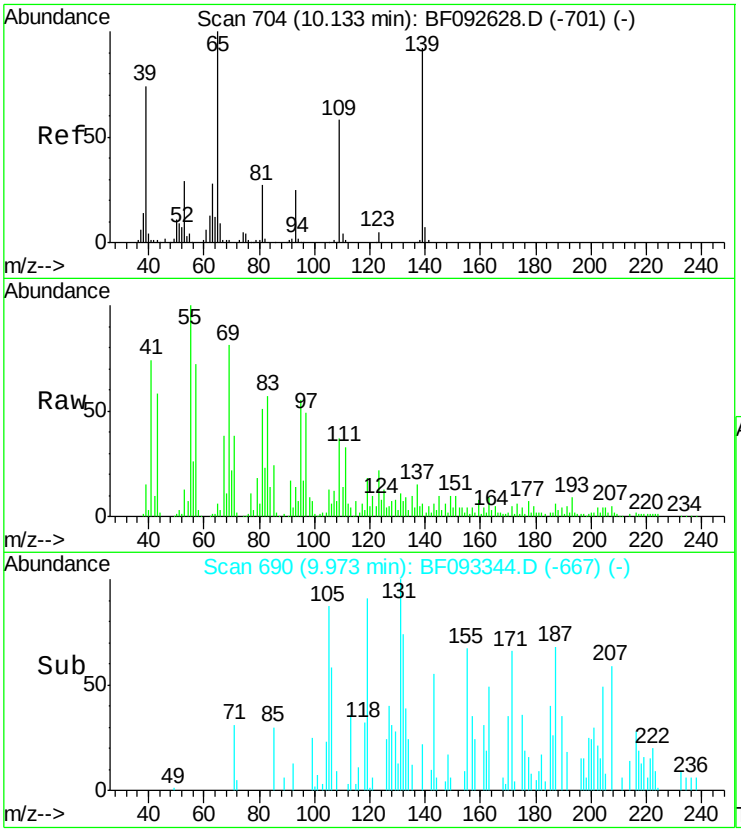


#53
2,4-Dinitrophenol
Concen: 5.25 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.05 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:184 Resp: 1079

Ion	Ratio	Lower	Upper
184	100		
63	632.4	28.4	42.6#
154	4093.5	44.3	66.5#



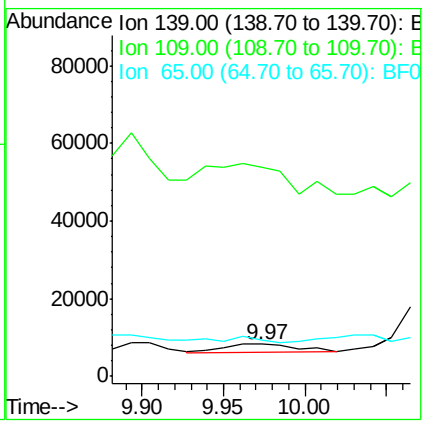


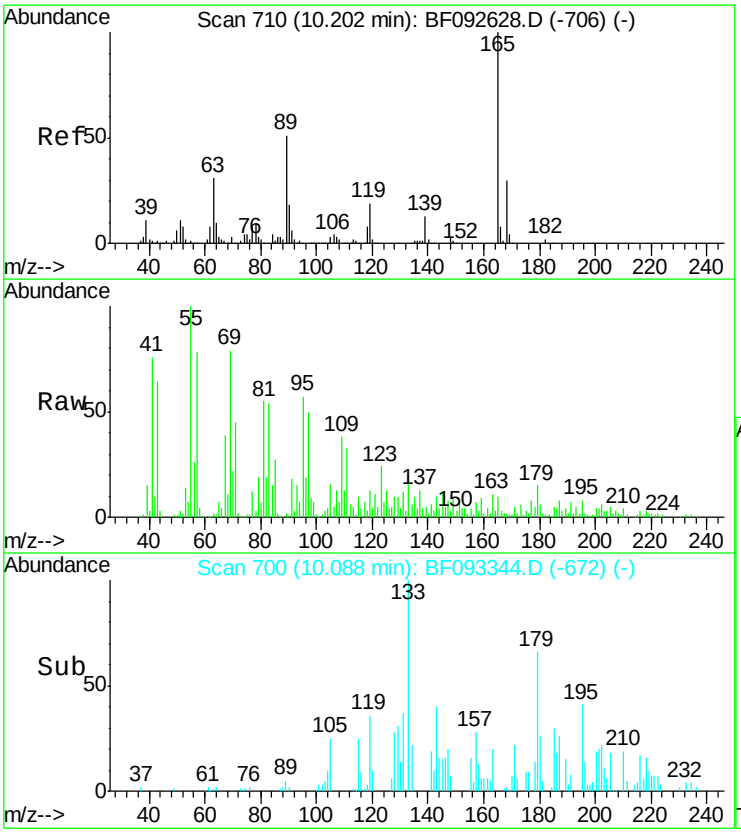
#55
4-Nitrophenol
Concen: 2.08 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:139 Resp: 6630

Ion	Ratio	Lower	Upper
139	100		
109	648.1	52.2	92.2#
65	112.8	85.8	125.8

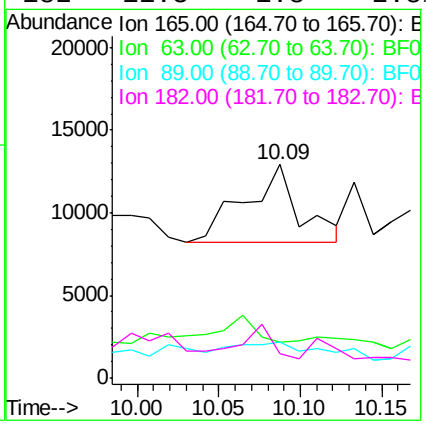


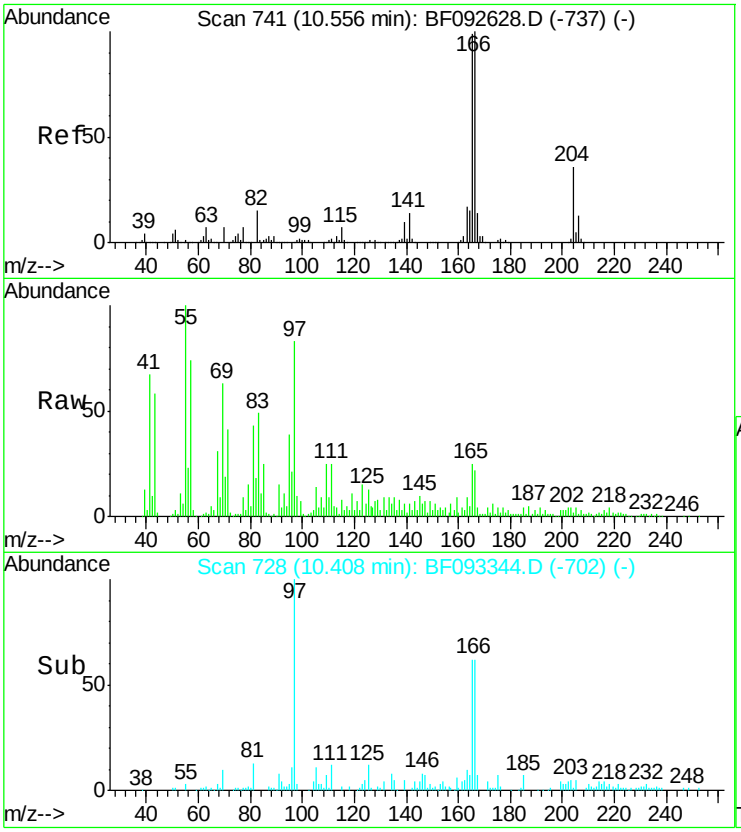


#56
2,4-Dinitrotoluene
Concen: 2.11 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.02 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:165 Resp: 10853

Ion	Ratio	Lower	Upper
165	100		
63	16.8	40.2	60.4#
89	16.6	62.5	93.7#
182	11.3	1.8	2.8#



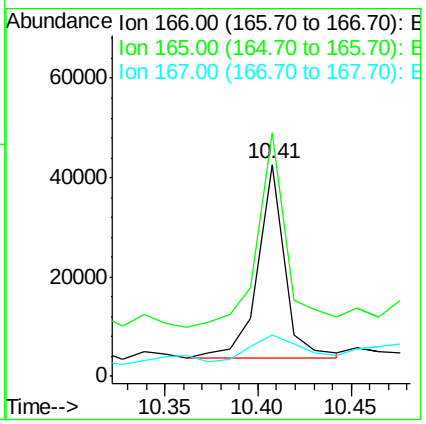


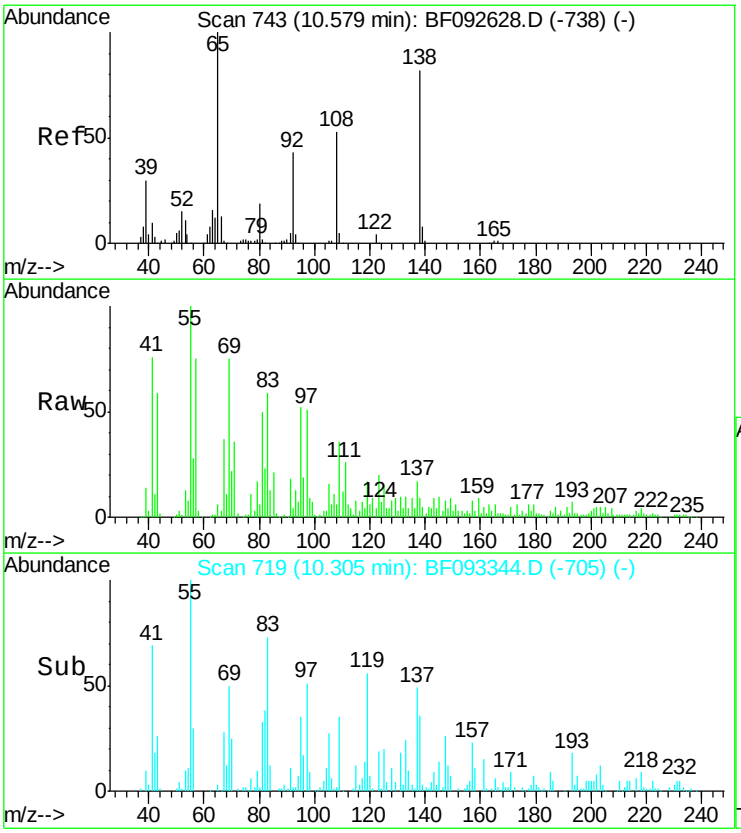
#57
Fluorene
Concen: 2.44 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:166 Resp: 38984

Ion	Ratio	Lower	Upper
166	100		
165	114.8	77.8	116.8
167	19.7	10.8	16.2#

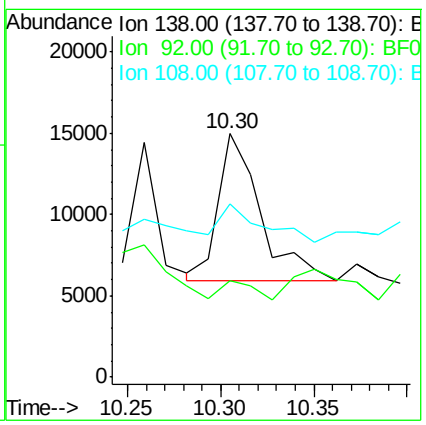


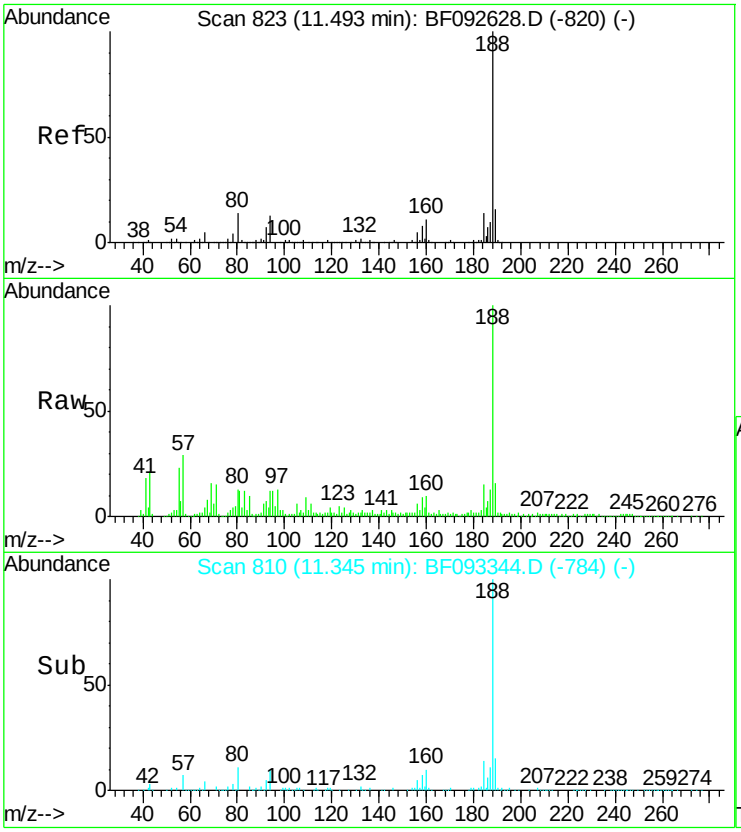


#61
4-Nitroaniline
Concen: 3.17 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.14 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:138 Resp: 14338

Ion	Ratio	Lower	Upper
138	100		
92	39.7	31.7	71.7
108	71.4	52.6	92.6



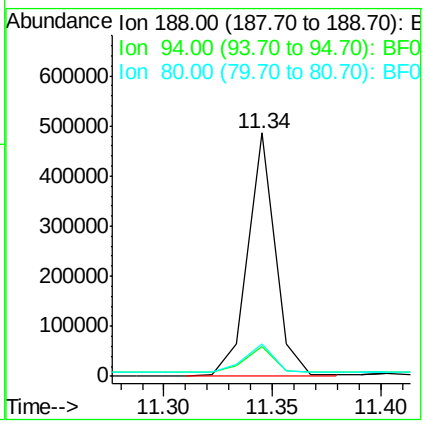


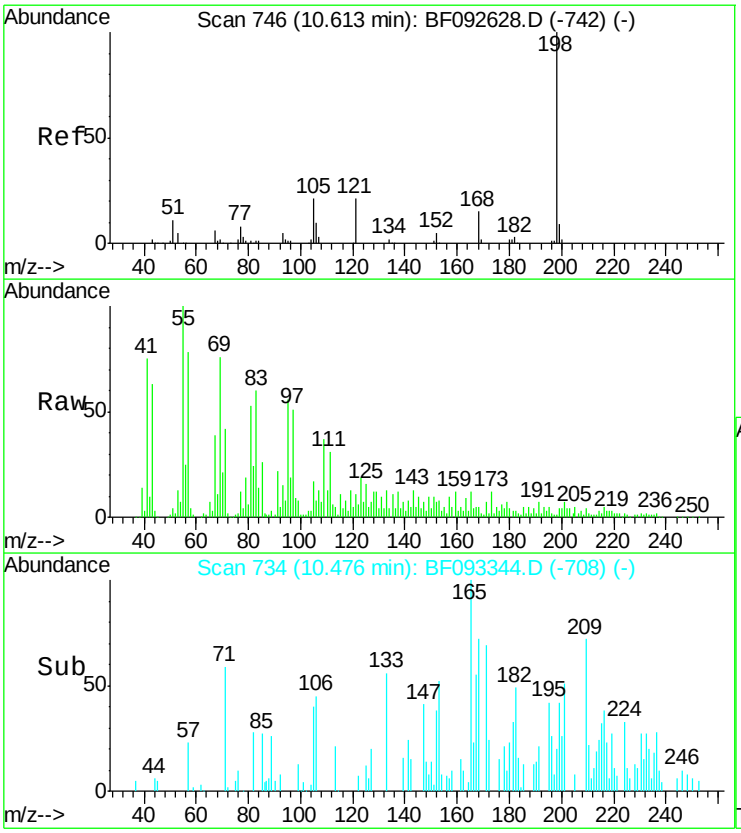
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:188 Resp: 421611

Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.0	15.0
80	13.1	11.2	16.8

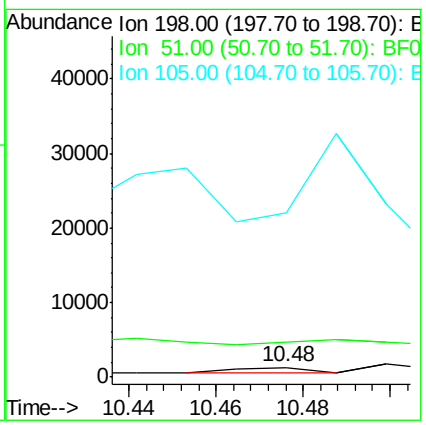


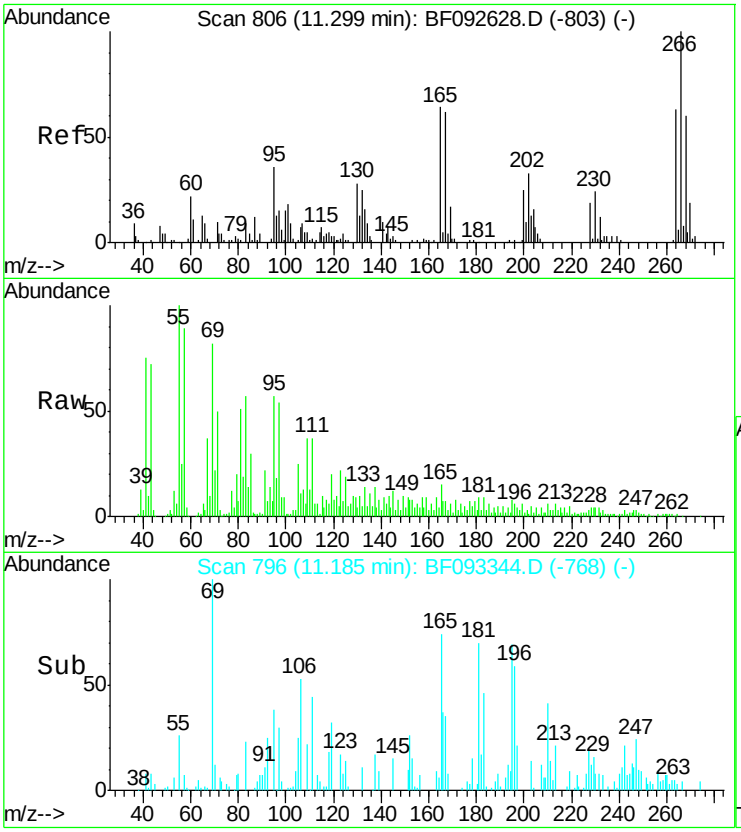


#64
4,6-Dinitro-2-methylphenol
Concen: 3.05 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:198 Resp: 1049

Ion	Ratio	Lower	Upper
198	100		
51	363.8	6.7	46.7#
105	1727.5	16.6	56.6#



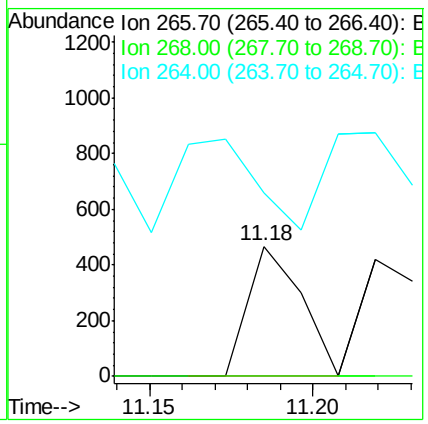


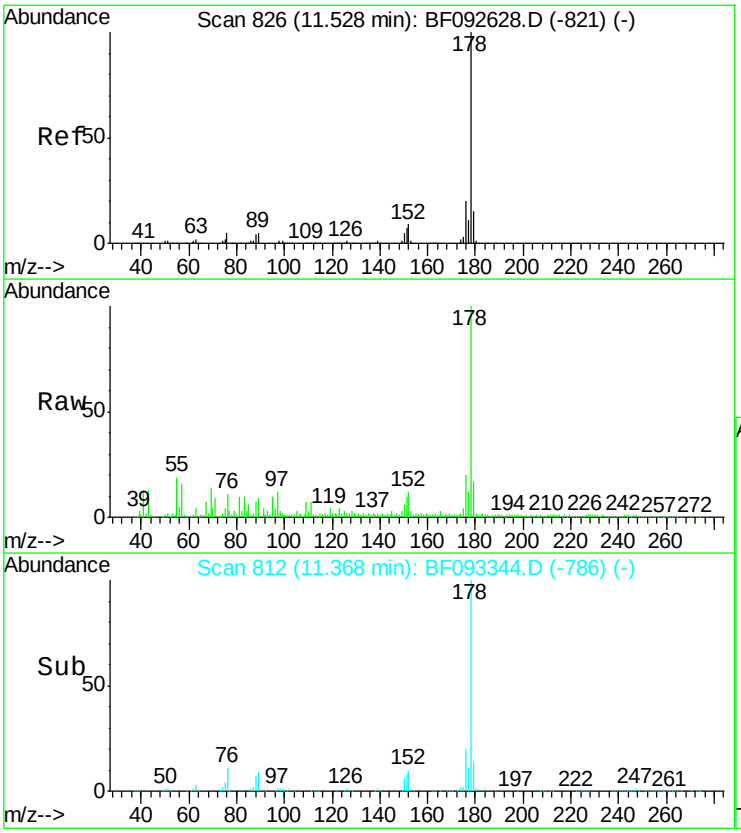
#69
Pentachlorophenol
Concen: 7.42 ng
RT: 11.18 min Scan# 796
Delta R.T. 0.02 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:266 Resp: 528

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.3	79.9#
264	140.4	50.3	75.5#

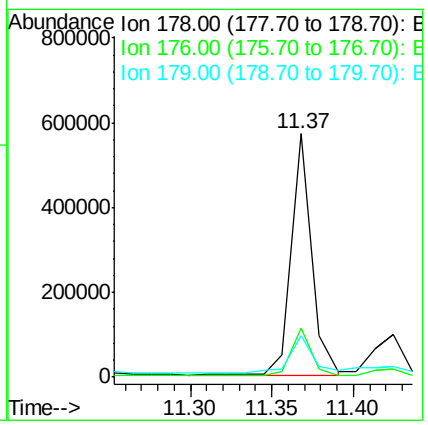


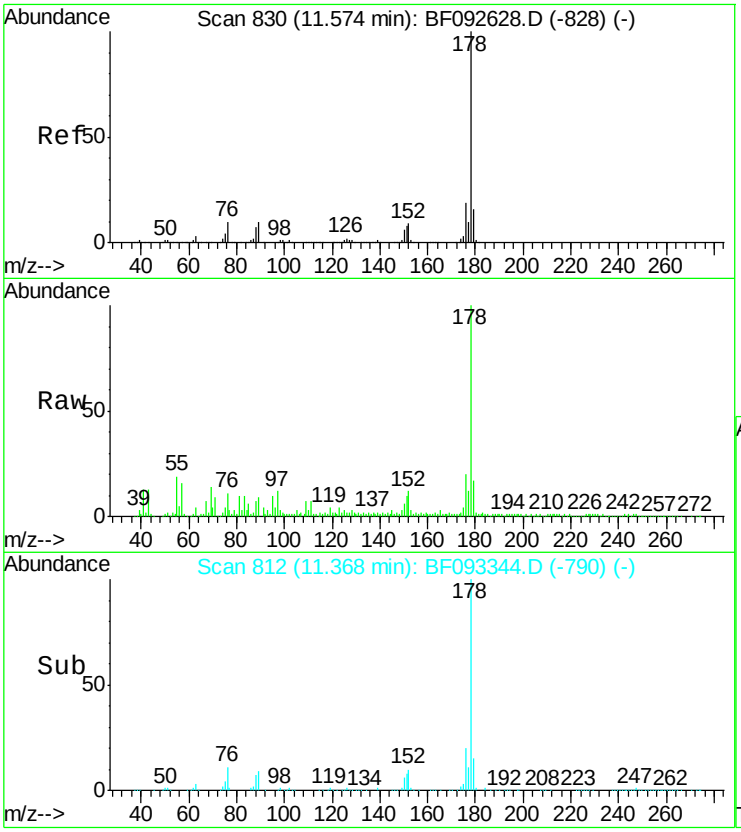


#70
Phenanthrene
Concen: 20.42 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:178 Resp: 493299

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	16.9	12.8	19.2



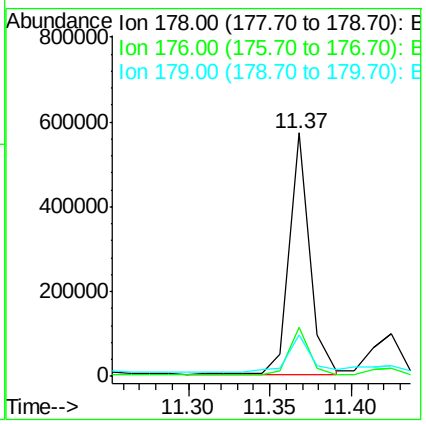


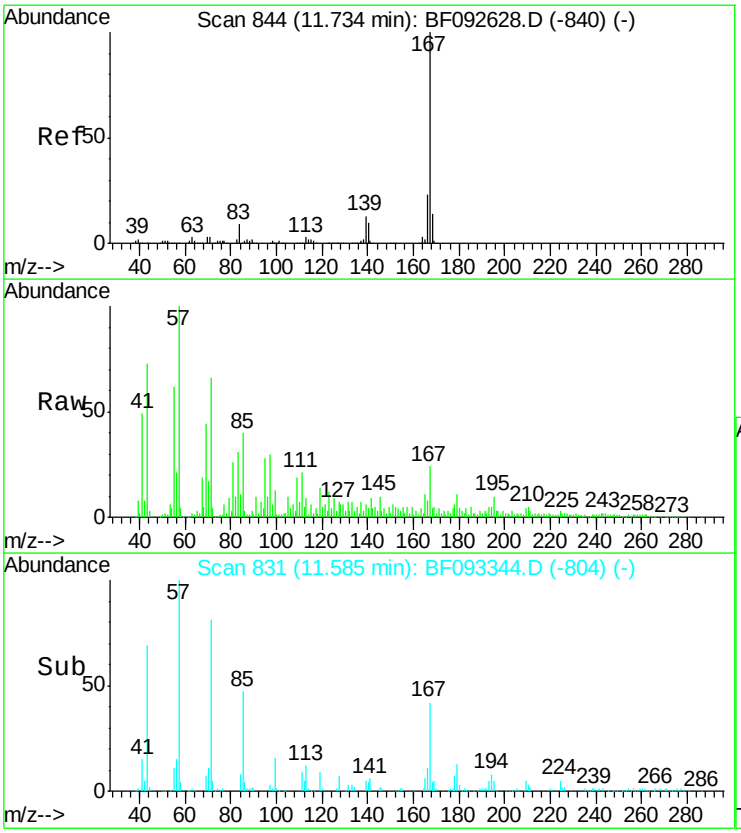
#71
Anthracene
Concen: 20.34 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:178 Resp: 493299

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.9	13.2	19.8

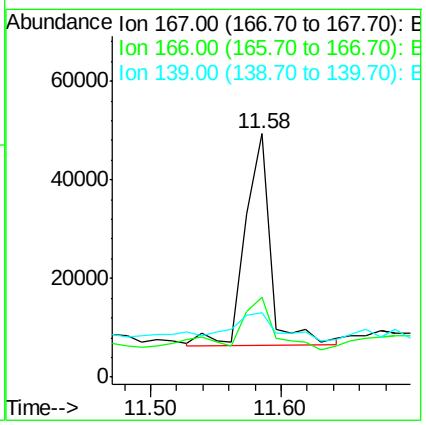


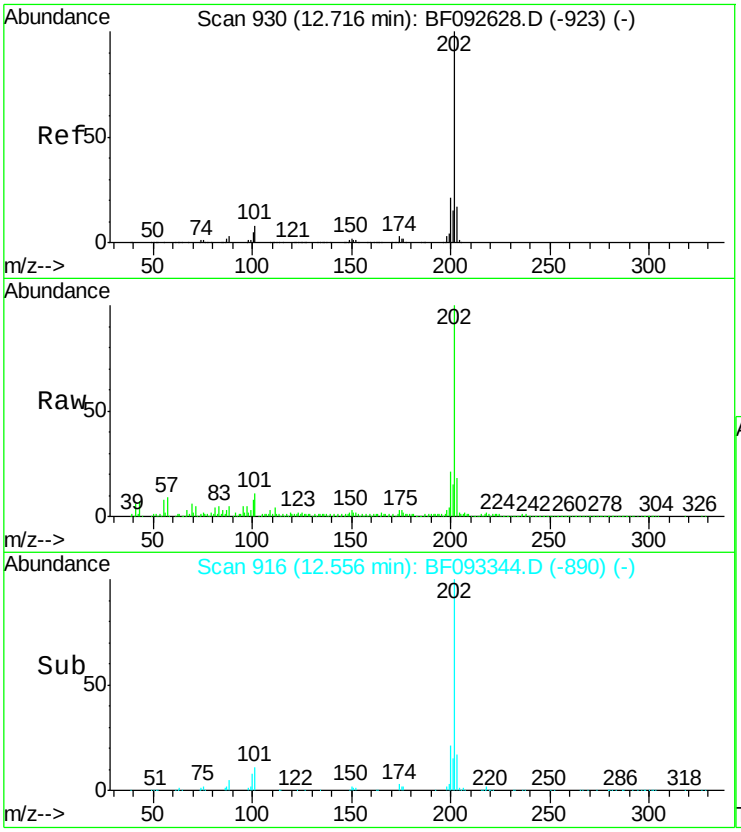


#72
Carbazole
Concen: 2.49 ng
RT: 11.58 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:167 Resp: 57705

Ion	Ratio	Lower	Upper
167	100		
166	32.7	18.2	27.2#
139	26.4	11.4	17.2#



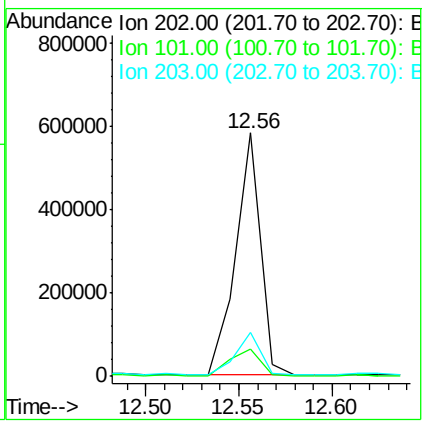


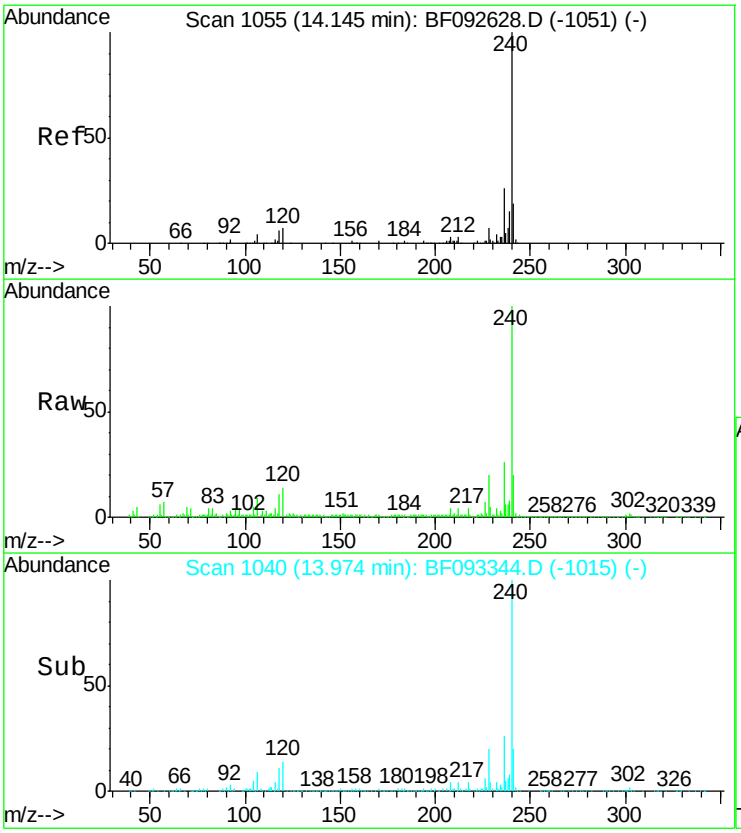
#74
Fluoranthene
Concen: 21.79 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:202 Resp: 542916

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.6
203	17.9	0.0	38.7

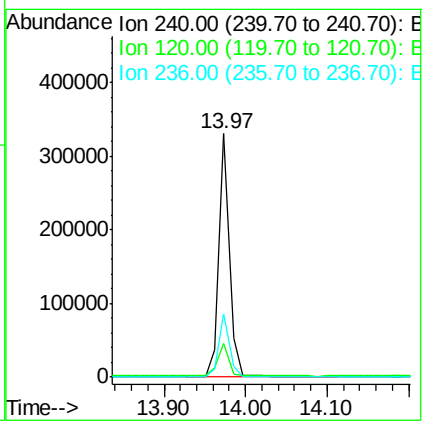


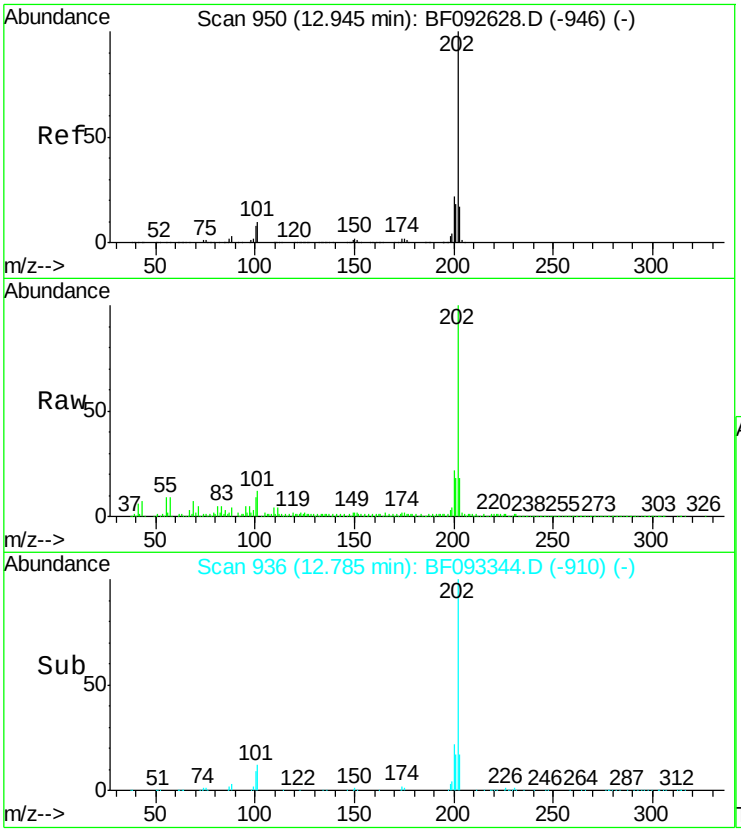


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:240 Resp: 293172

Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.9	19.3
236	25.9	20.9	31.3



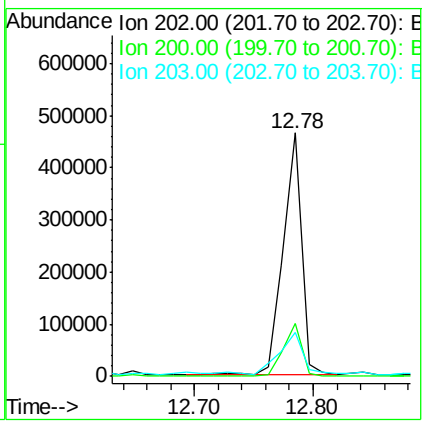


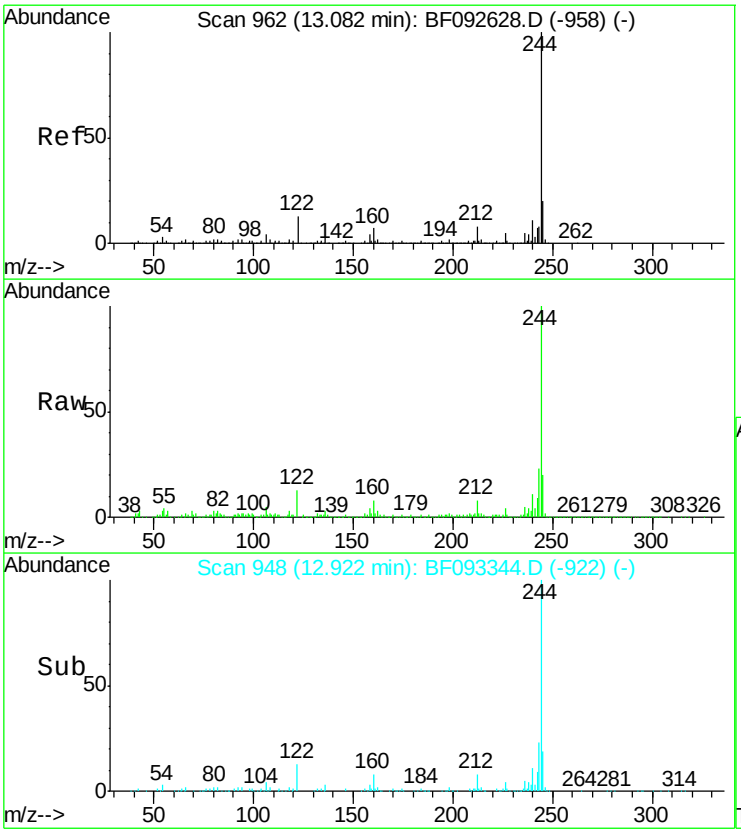
#77
Pyrene
Concen: 22.53 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:202 Resp: 494387

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.0	14.7	22.1

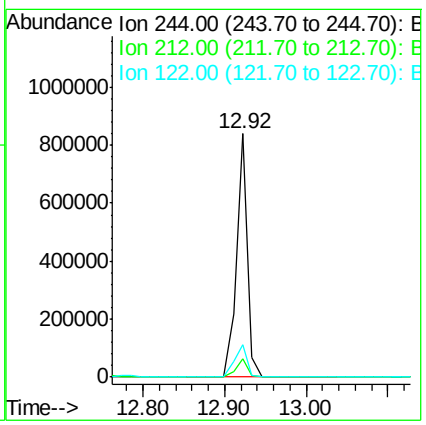


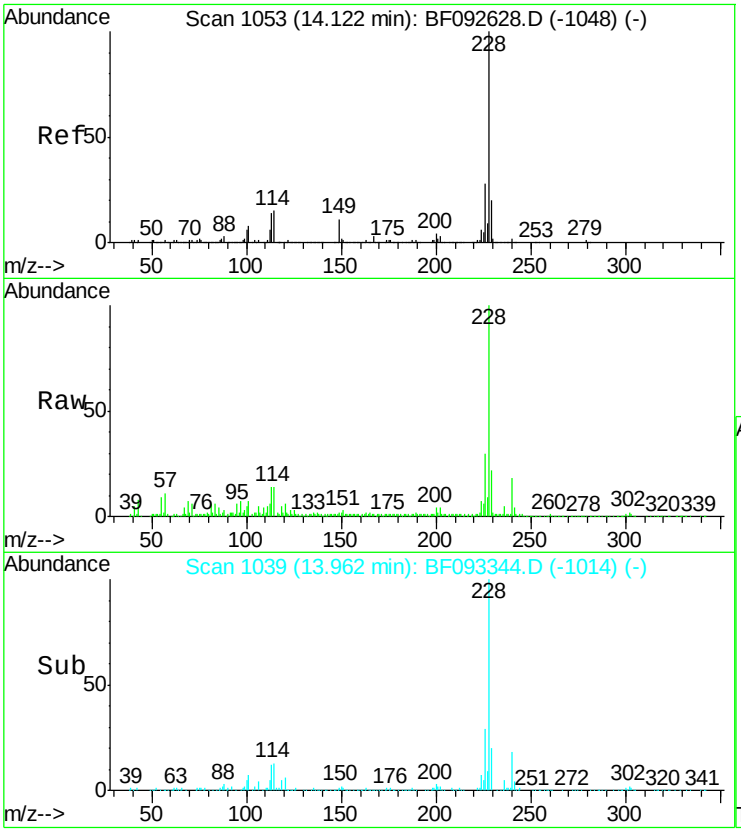


#78
Terphenyl-d14
Concen: 62.39 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:244 Resp: 778446

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.1	11.4	17.2



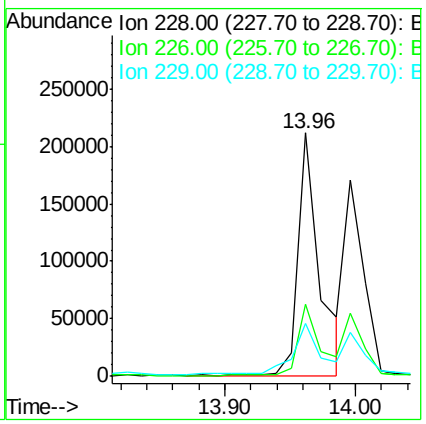


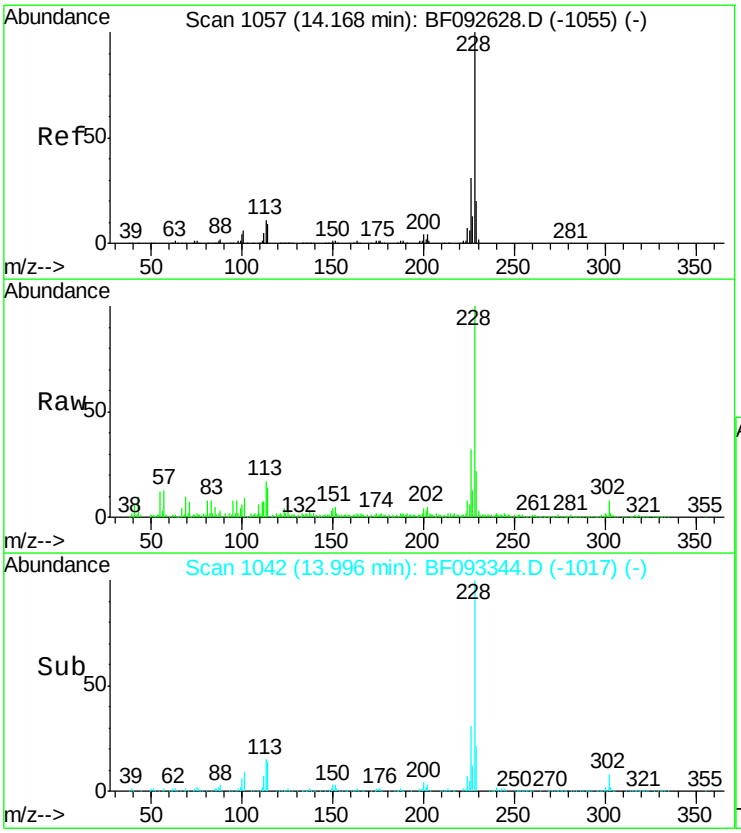
#80
Benzo(a)anthracene
Concen: 13.38 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:228 Resp: 239954

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.4	33.6
229	21.7	16.2	24.4

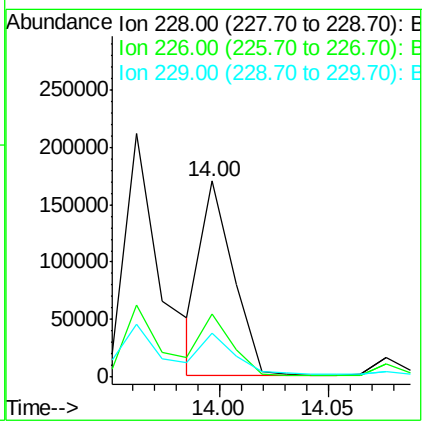


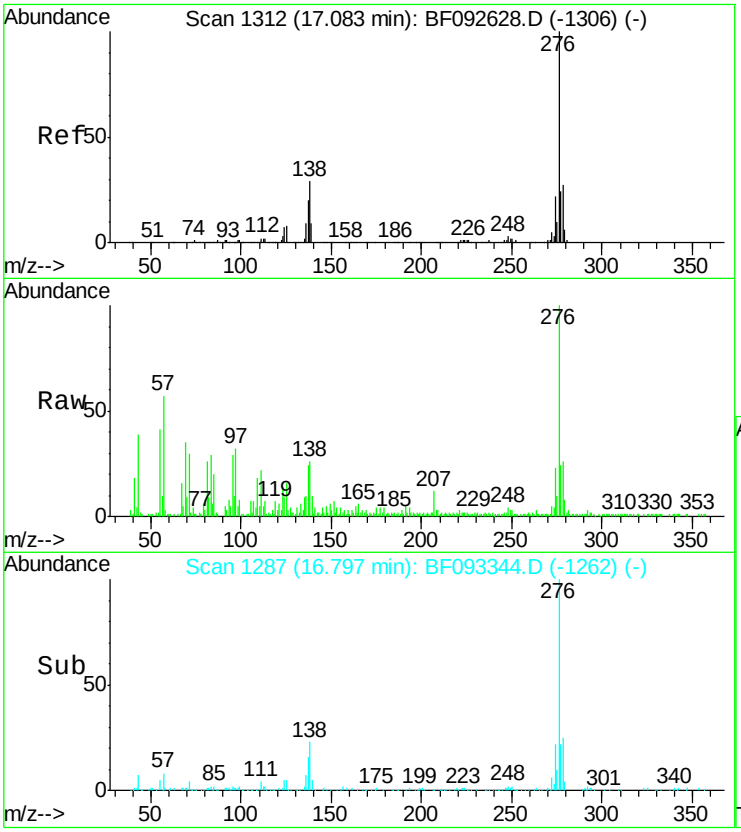


#82
Chrysene
Concen: 10.41 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:228 Resp: 174773

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.0
229	22.2	16.2	24.2



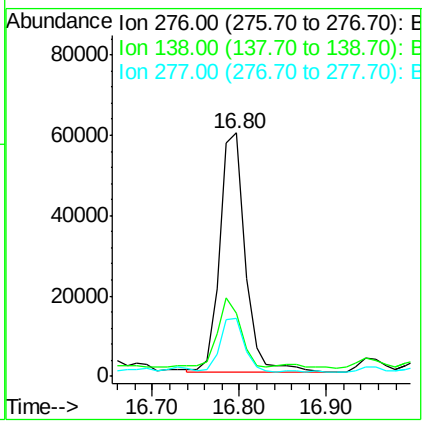


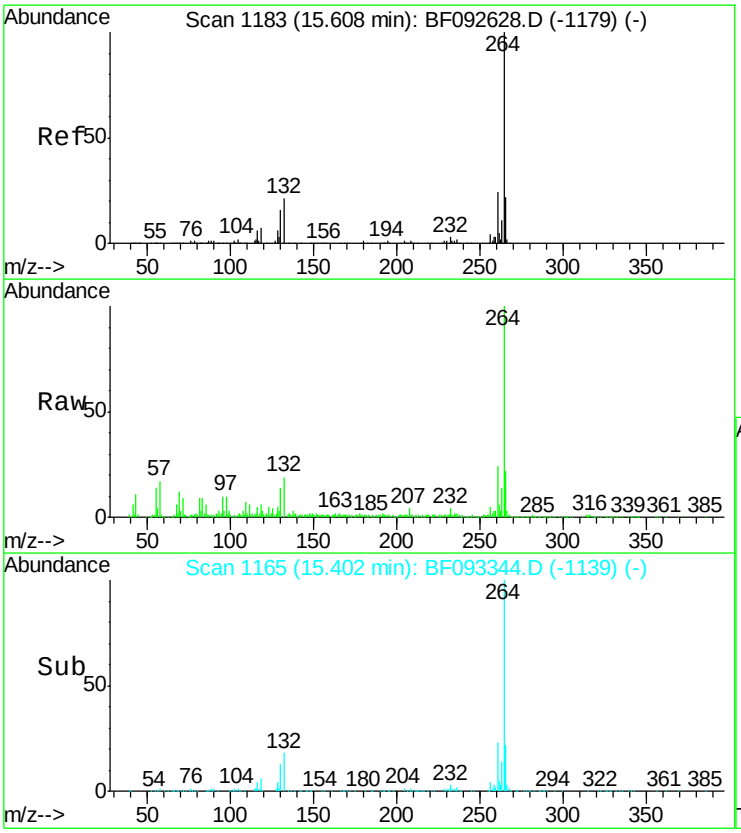
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.43 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:276 Resp: 122614

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.8	32.6
277	21.4	20.2	30.4

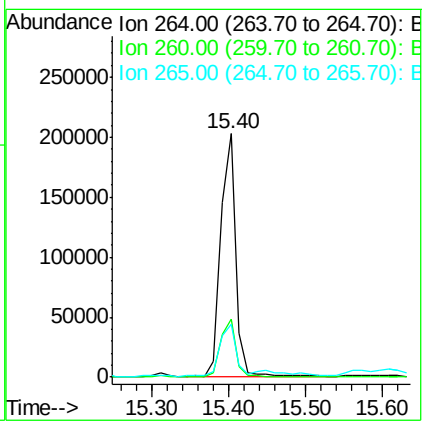


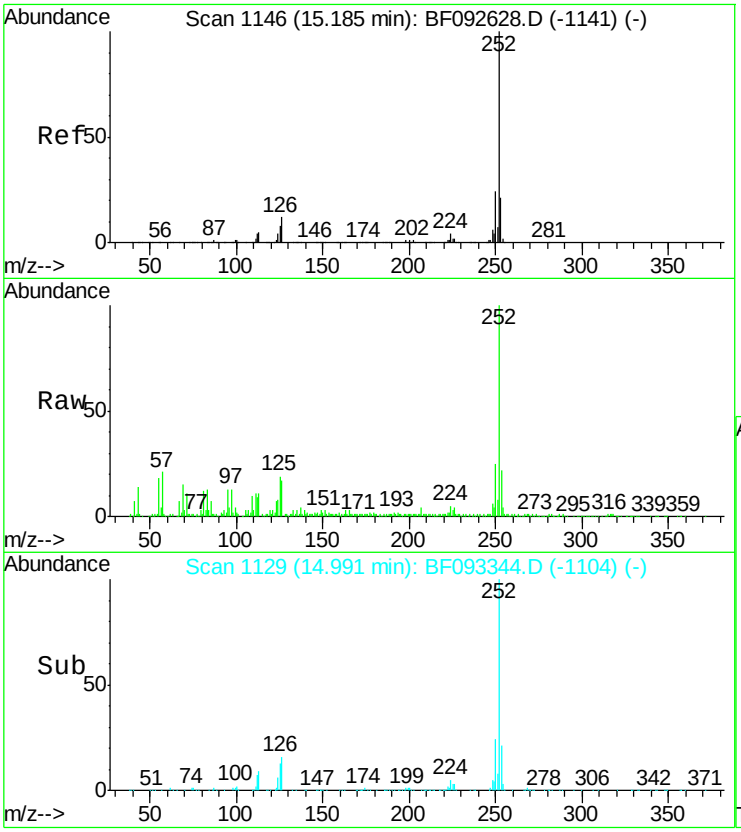


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:264 Resp: 278208

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.4	26.0



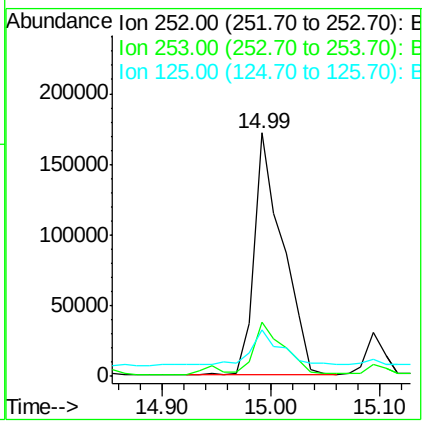


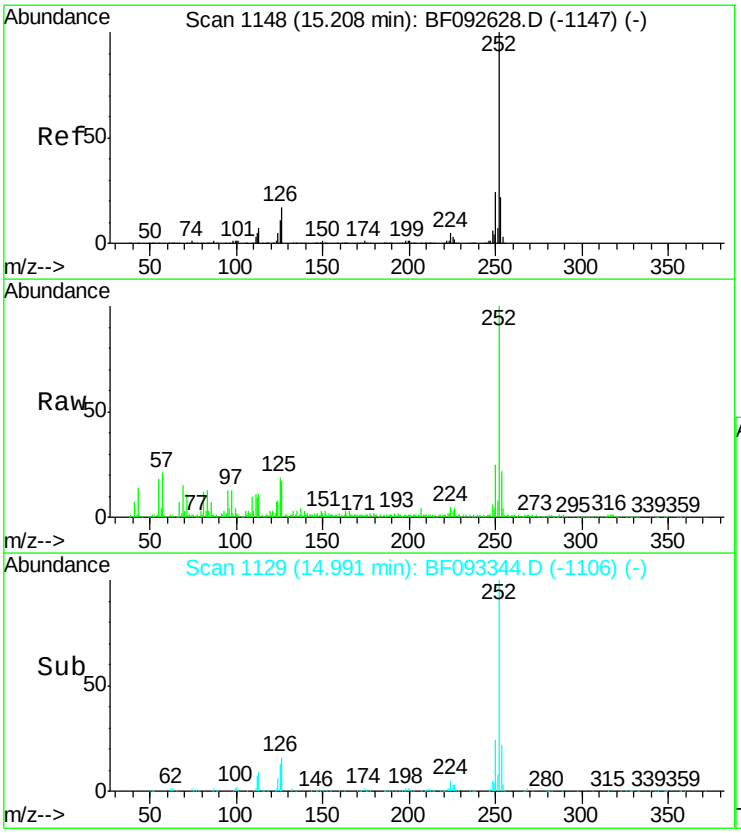
#87
Benzo(b)fluoranthene
Concen: 17.26 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:252 Resp: 316052

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	18.9	9.8	14.6#

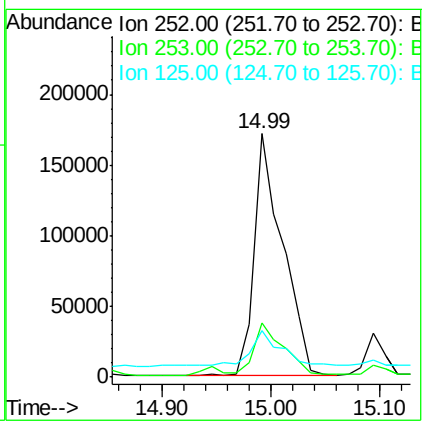


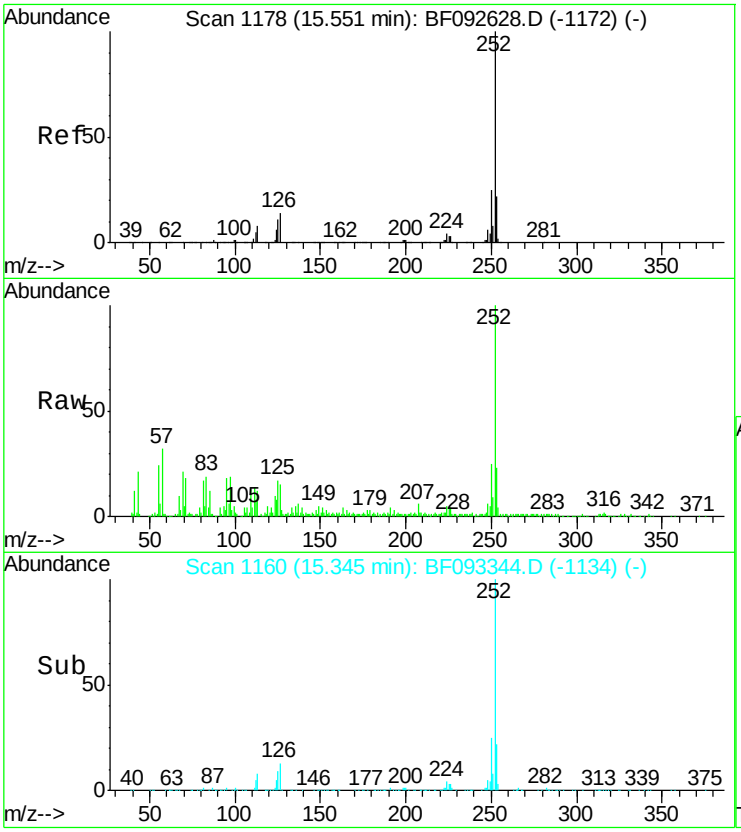


#88
Benzo(k)fluoranthene
Concen: 19.99 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.03 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:252 Resp: 316052

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	18.9	8.9	13.3#



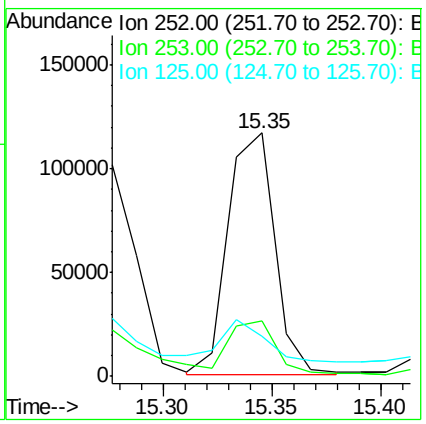


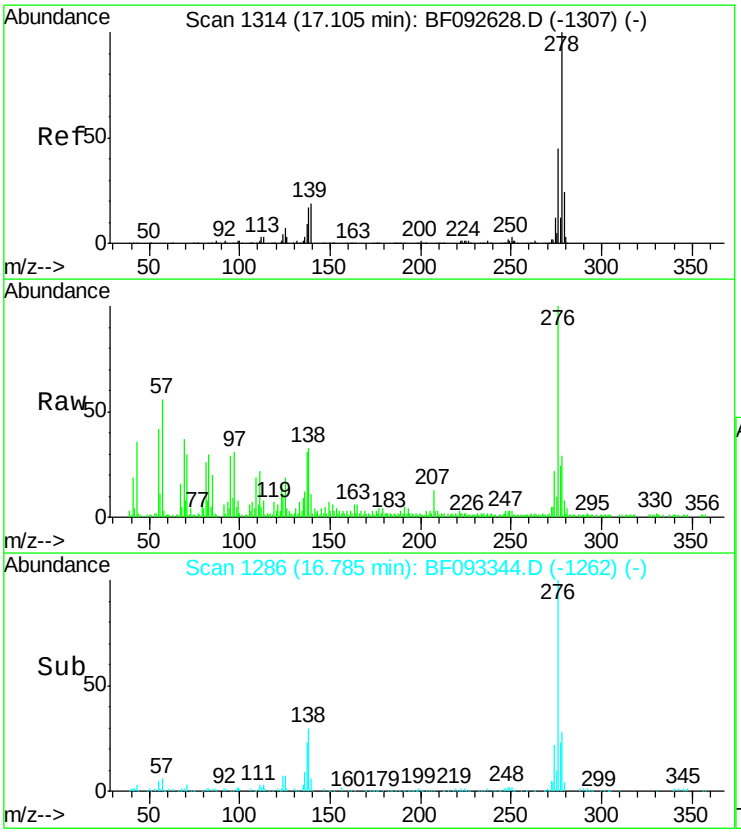
#89
Benzo(a)pyrene
Concen: 11.02 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:252 Resp: 174485

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	16.6	10.0	15.0#

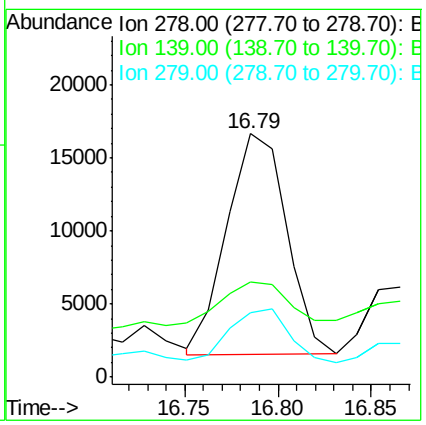


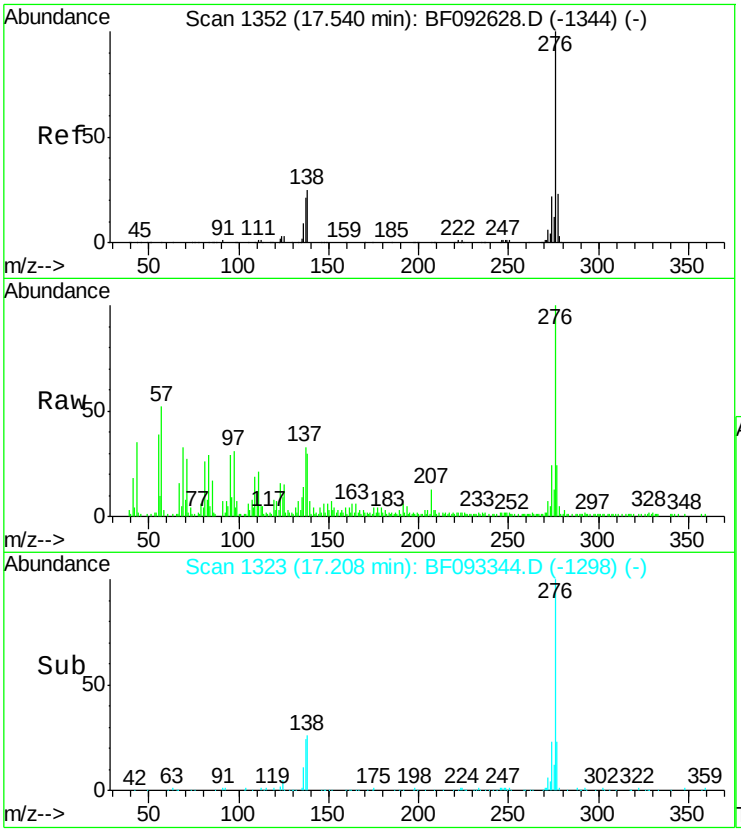


#90
Dibenzo(a,h)anthracene
Concen: 2.63 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Tgt Ion:278 Resp: 33676

Ion	Ratio	Lower	Upper
278	100		
139	38.9	14.8	22.2#
279	26.6	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 8.96 ng
RT: 17.21 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF093344.D
Acq: 3 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
HY-SB437

Tgt Ion:276 Resp: 115882

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	29.9	16.0	24.0#