Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093449.D
Acq On : 9 Mar 2017 00:45
Operator : SJ/MA
Sample : I2133-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB422A

Quant Time: Mar 09 03:05:52 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	159479	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	595534	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	239247	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	403361	20.00	ng		0.01
75) Chrysene-d12	13.95	240	315024	20.00	ng		0.02
86) Perylene-d12	15.37	264	270631	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1262652	131.77	ng		0.01
7) Phenol-d6	6.42	99	1656640	137.10	ng		0.01
23) Nitrobenzene-d5	7.34	82	994655	92.67	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	243956	156.51	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	1331091	103.49	ng		0.00
78) Terphenyl-d14	12.88	244	951427	78.52	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.28	77	2380	Below Cal		#	1
25) Isophorone	7.34	82	917440	42.39	ng	#	65
31) Naphthalene	8.08	128	248293	8.32	ng		98
35) Caprolactam	8.48	113	9045	3.14	ng	#	1
37) 2-Methylnaphthalene	8.77	142	128547	6.77	ng		98
45) 1,1'-Biphenyl	9.24	154	43008	2.47	ng		98
48) Acenaphthylene	9.67	152	149672	6.80	ng		95
49) Dimethylphthalate	9.53	163	964542	60.81	ng		98
50) 2,6-Dinitrotoluene	9.53	165	13645	3.92	ng	#	9
51) Acenaphthene	9.84	154	225360	17.32	ng		94
54) Dibenzofuran	10.01	168	229002	14.06	ng		96
57) Fluorene	10.36	166	175438	12.71	ng		96
70) Phenanthrene	11.33	178	1086395	47.19	ng		99
71) Anthracene	11.37	178	414661	17.80	ng		99
72) Carbazole	11.53	167	96725	4.42	ng	#	92
74) Fluoranthene	12.52	202	1956520	87.98	ng		100
77) Pyrene	12.75	202	2177116	95.02	ng		100
80) Benzo(a)anthracene	13.93	228	1200630	64.54	ng		97
82) Chrysene	13.97	228	855578	49.71	ng		98
85) Indeno(1,2,3-cd)pyrene	16.76	276	450822	31.29	ng		97
87) Benzo(b)fluoranthene	14.97	252	1412418	85.69	ng	#	97
88) Benzo(k)fluoranthene	14.97	252	1412418	88.86	ng	#	96
89) Benzo(a)pyrene	15.32	252	761493	50.55	ng	#	97
90) Dibenzo(a,h)anthracene	16.76	278	97751	7.84	ng	#	79
91) Benzo(g,h,i)perylene	17.18	276	466799	36.50	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093449.D
Acq On : 9 Mar 2017 00:45
Operator : SJ/MA
Sample : I2133-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Quant Time: Mar 09 03:05:52 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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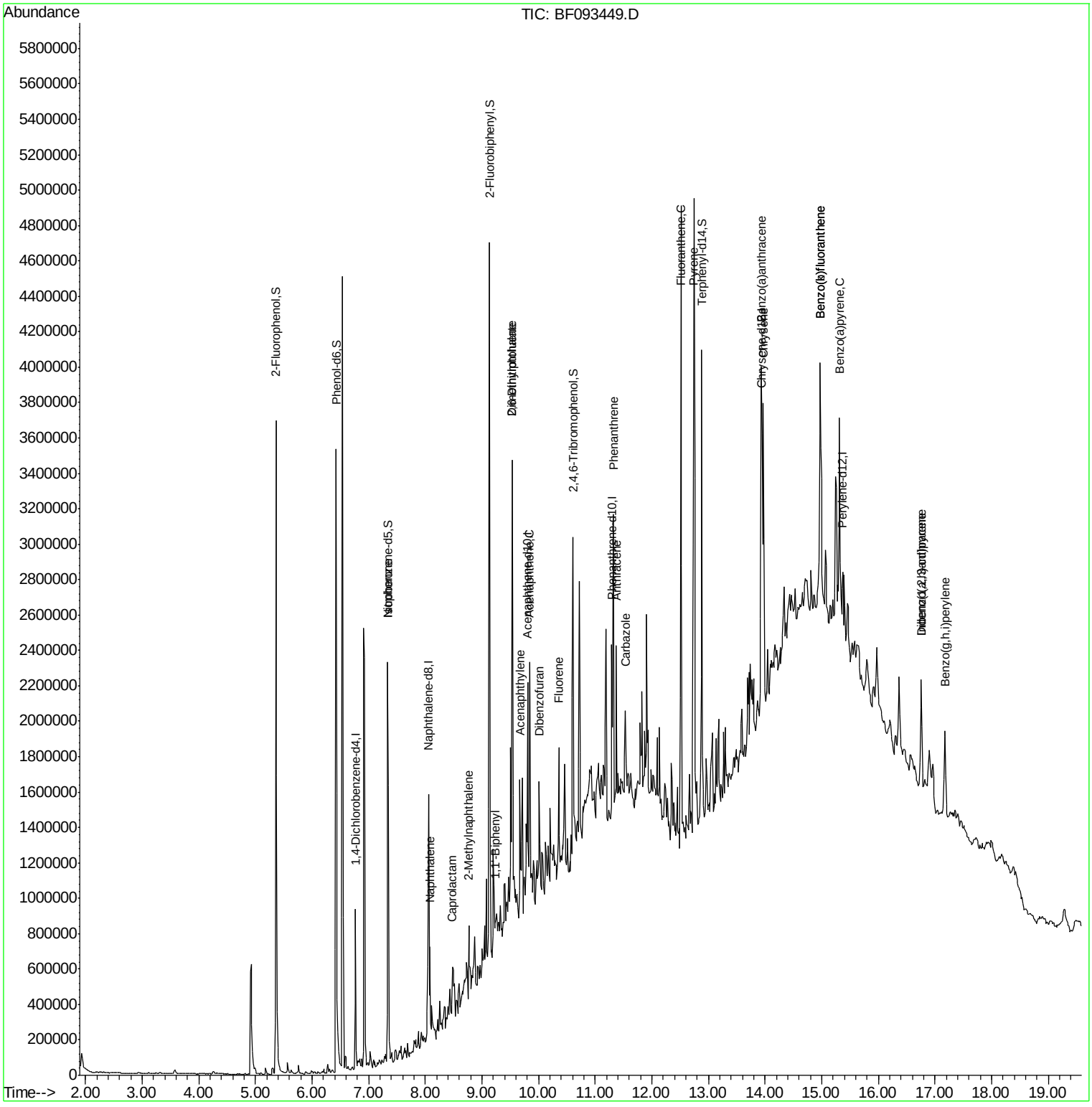
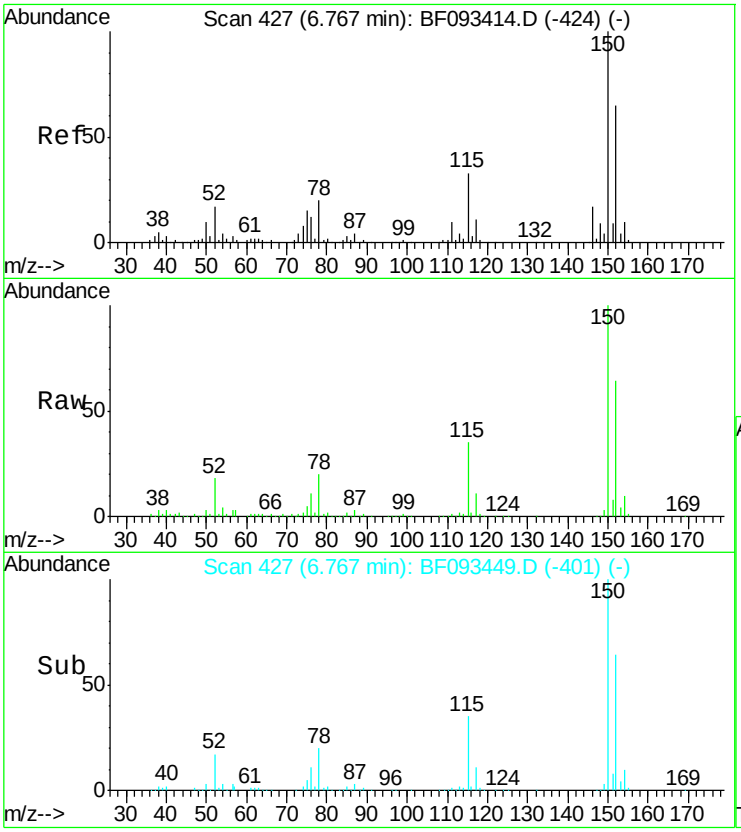


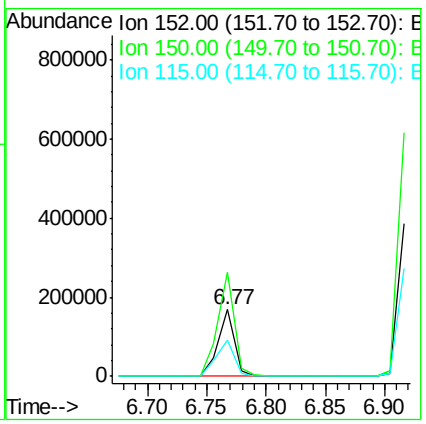


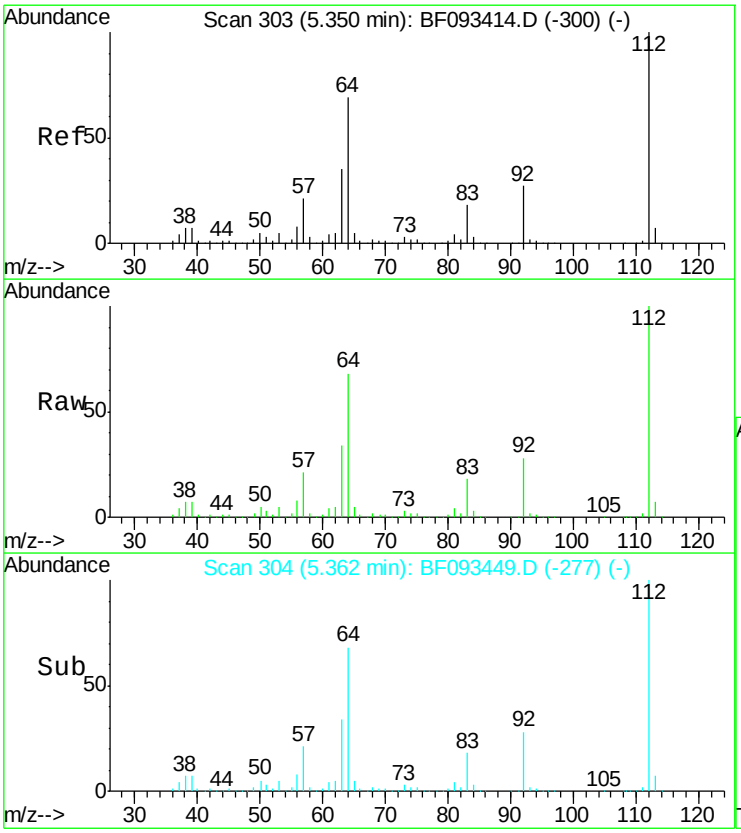
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:152 Resp: 159479

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	54.4	46.0	69.0

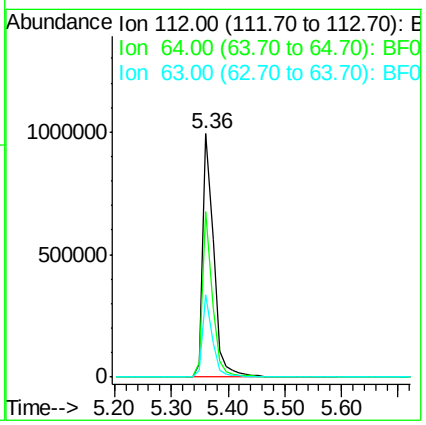


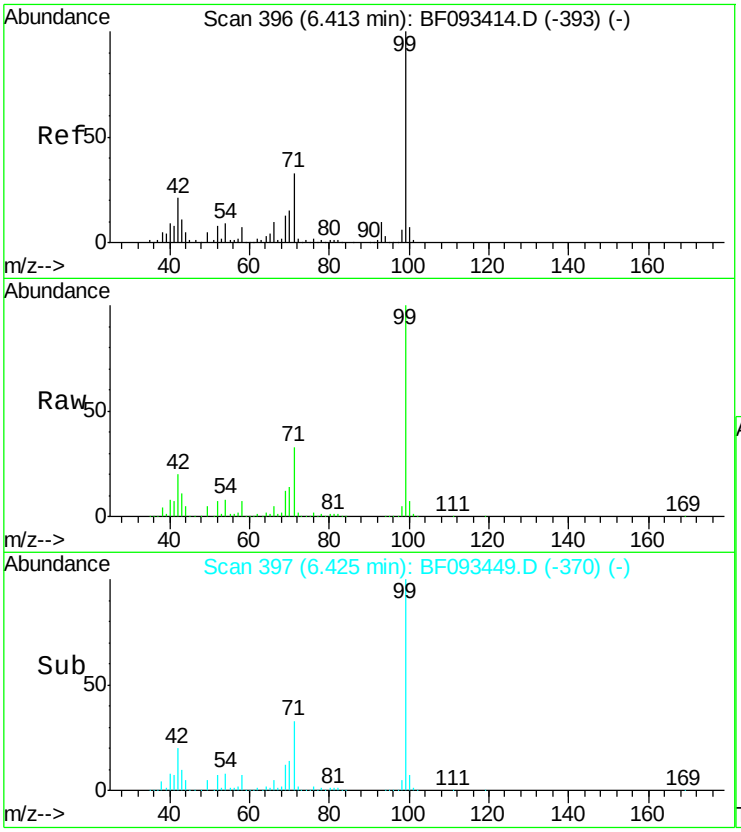


#5
2-Fluorophenol
Concen: 131.77 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:112 Resp: 1262652

Ion	Ratio	Lower	Upper
112	100		
64	68.1	46.1	69.1
63	33.9	23.8	35.6



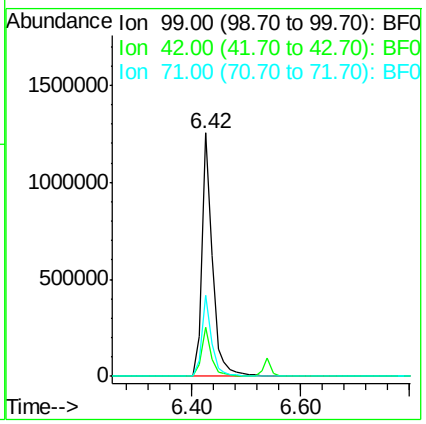


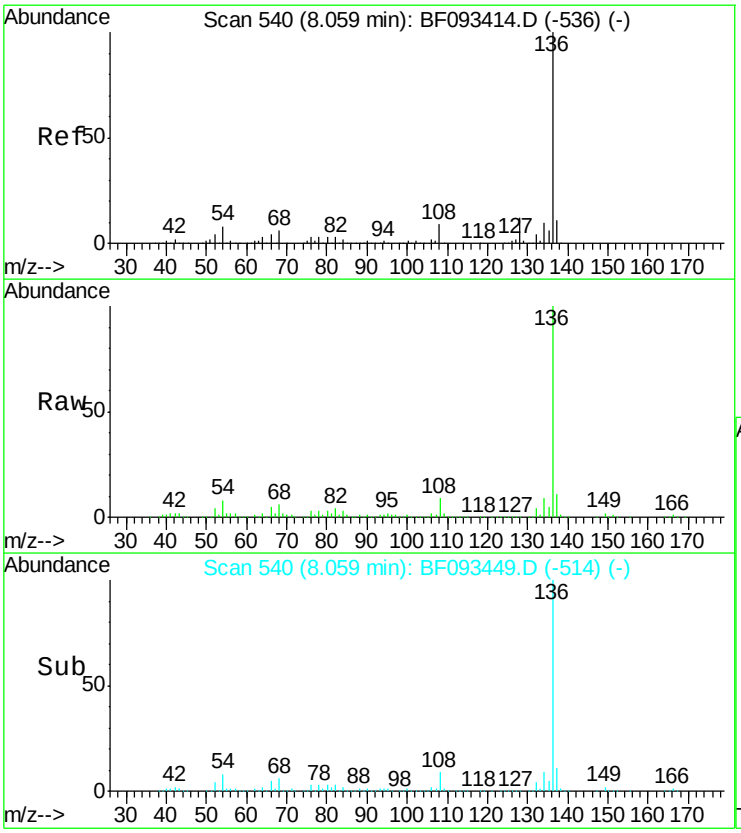
#7
Phenol-d6
Concen: 137.10 ng
RT: 6.42 min Scan# 397
Delta R.T. 0.01 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion: 99 Resp: 1656640

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.6	23.4
71	33.4	27.5	41.3

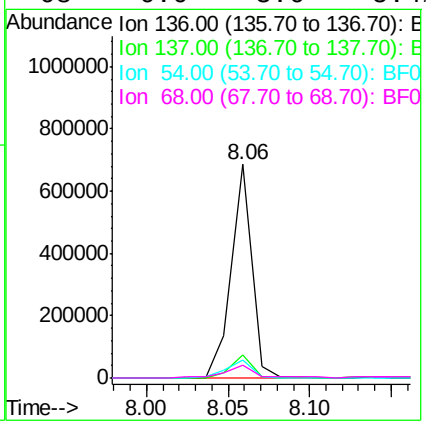


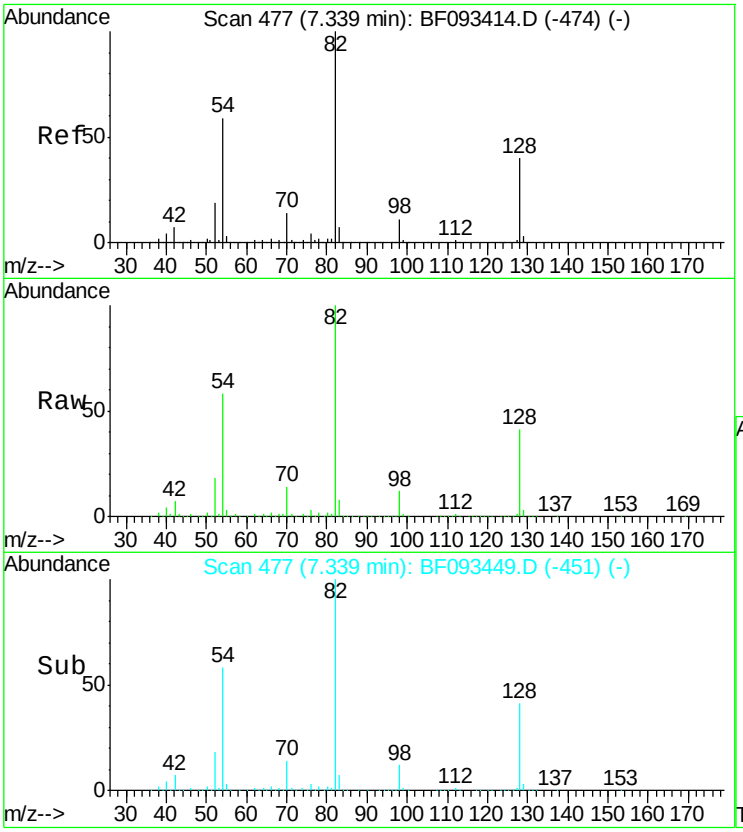


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:136 Resp: 595534

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.4	4.5	6.7#
68	6.0	3.6	5.4#



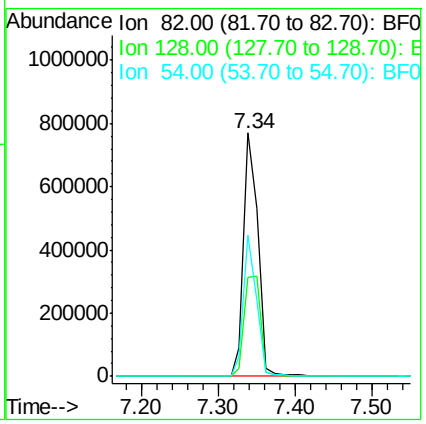


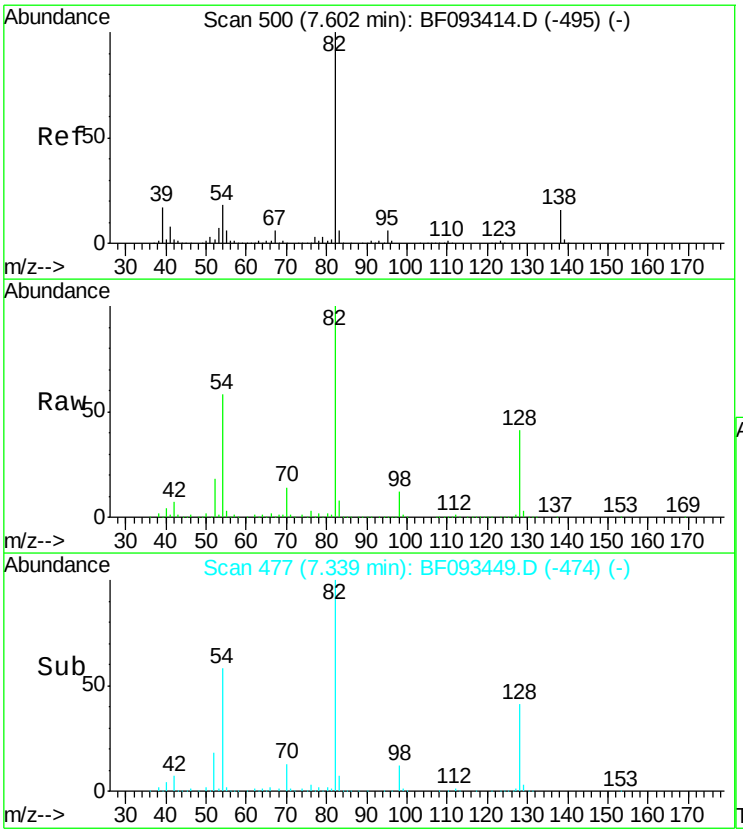
#23
Nitrobenzene-d5
Concen: 92.67 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion: 82 Resp: 994655

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	52.0
54	58.3	39.5	59.3

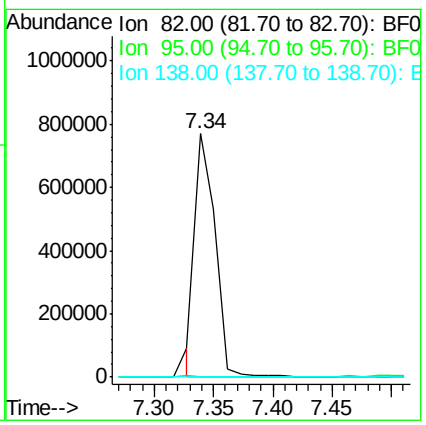


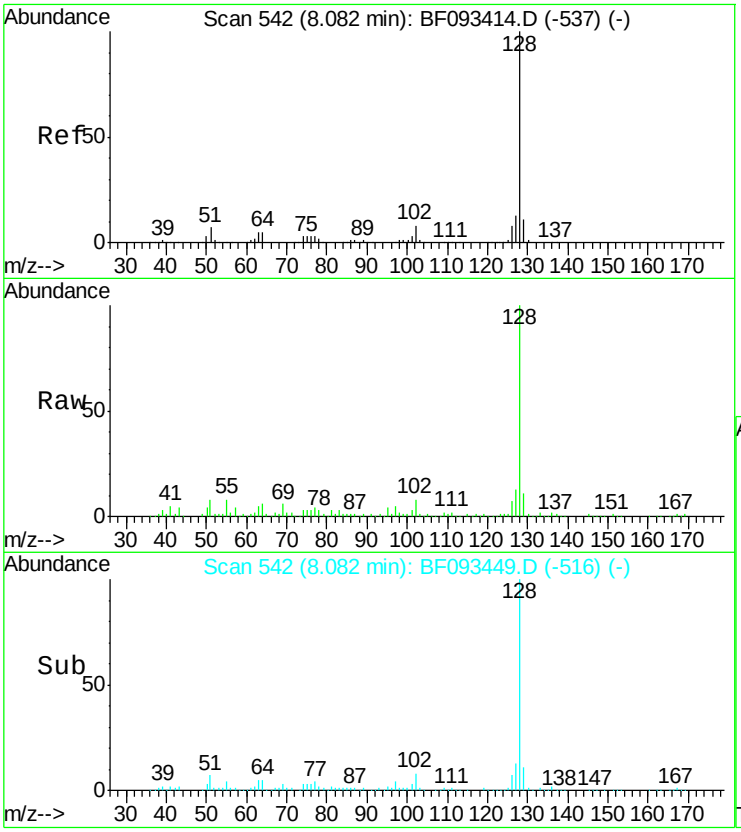


#25
Isophorone
Concen: 42.39 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion: 82 Resp: 917440

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.6	8.4#
138	0.0	14.6	22.0#



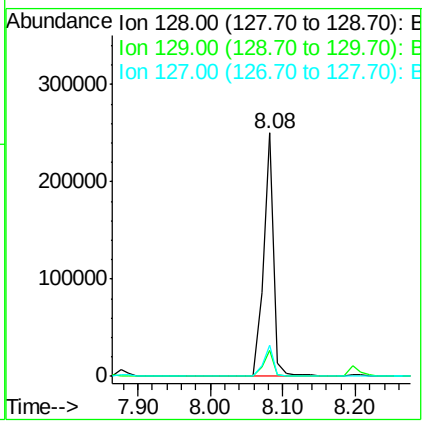


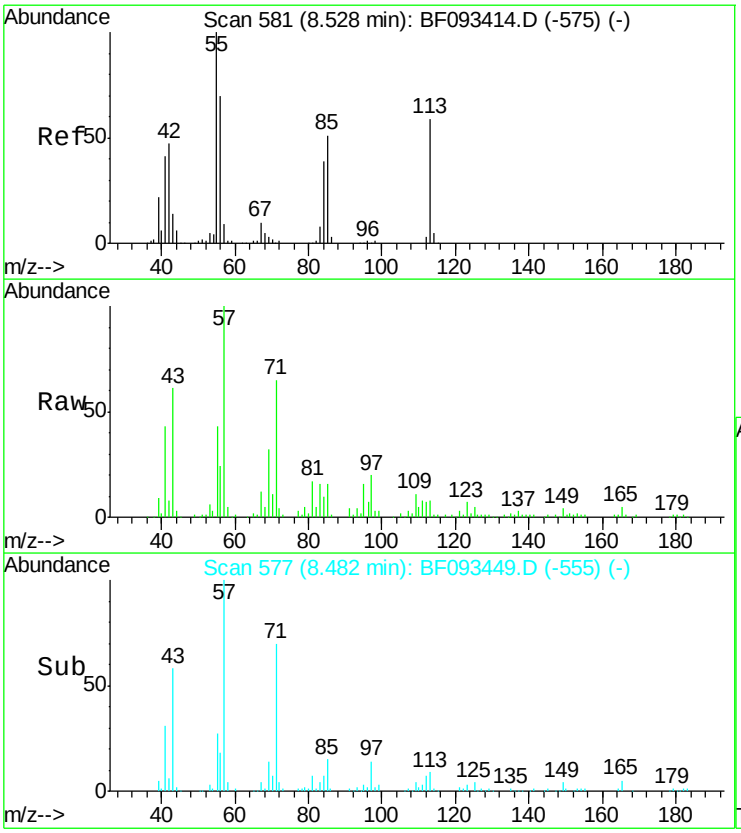
#31
Naphthalene
Concen: 8.32 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:128 Resp: 248293

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.5	14.3
127	12.9	10.8	16.2

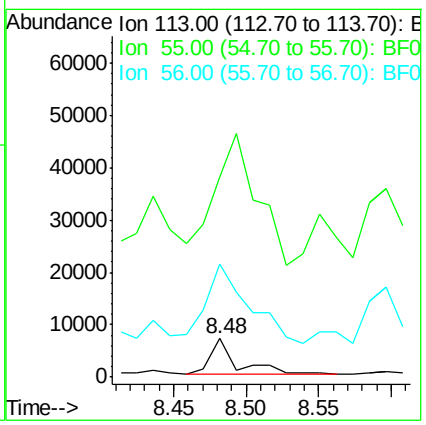


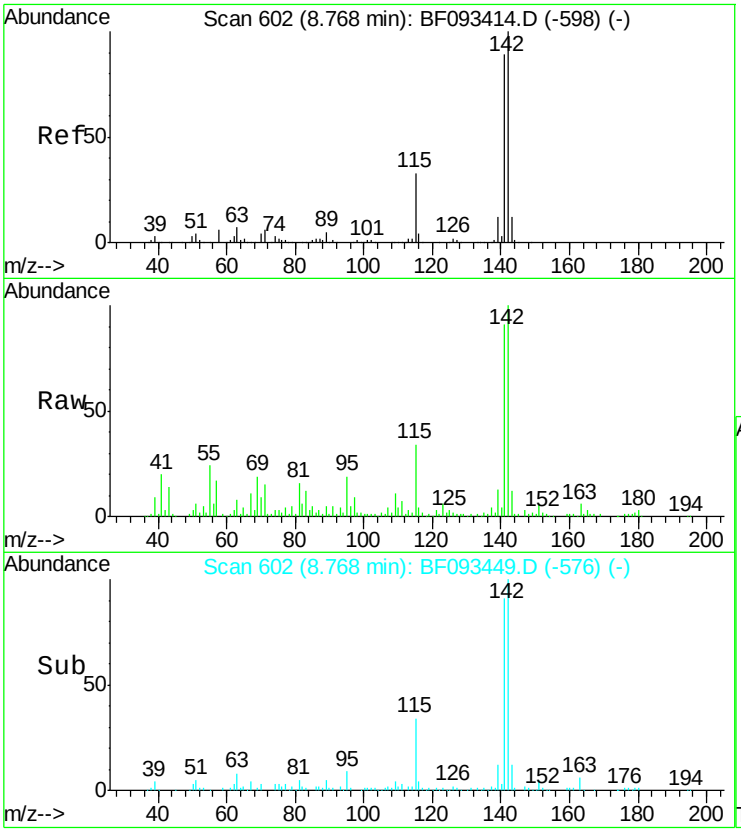


#35
Caprolactam
Concen: 3.14 ng
RT: 8.48 min Scan# 577
Delta R.T. -0.05 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:113 Resp: 9045

Ion	Ratio	Lower	Upper
113	100		
55	521.4	119.2	159.2#
56	293.6	83.8	123.8#



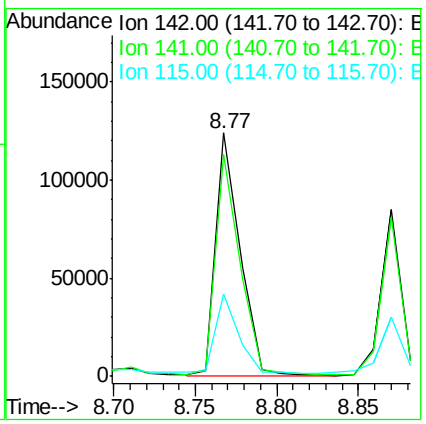


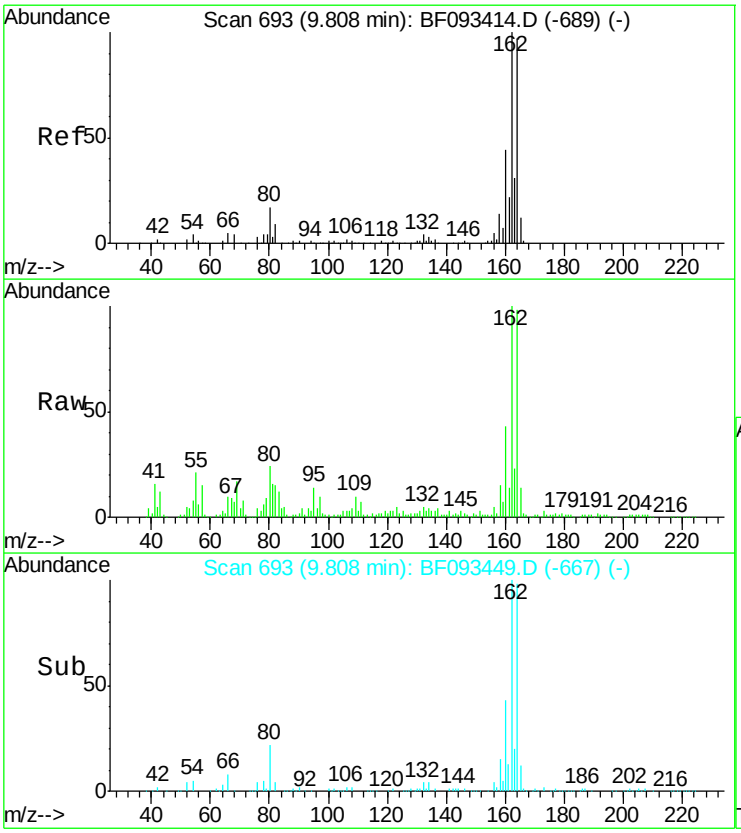
#37
2-Methylnaphthalene
Concen: 6.77 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:142 Resp: 128547

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.0	106.6
115	34.1	28.3	42.5

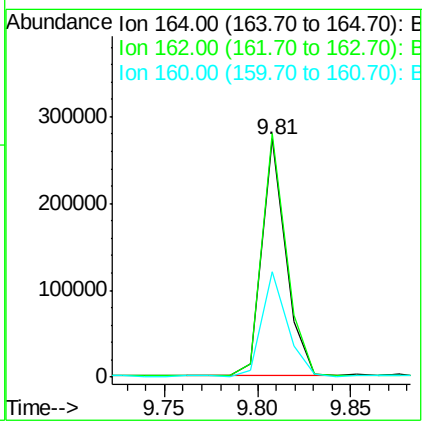


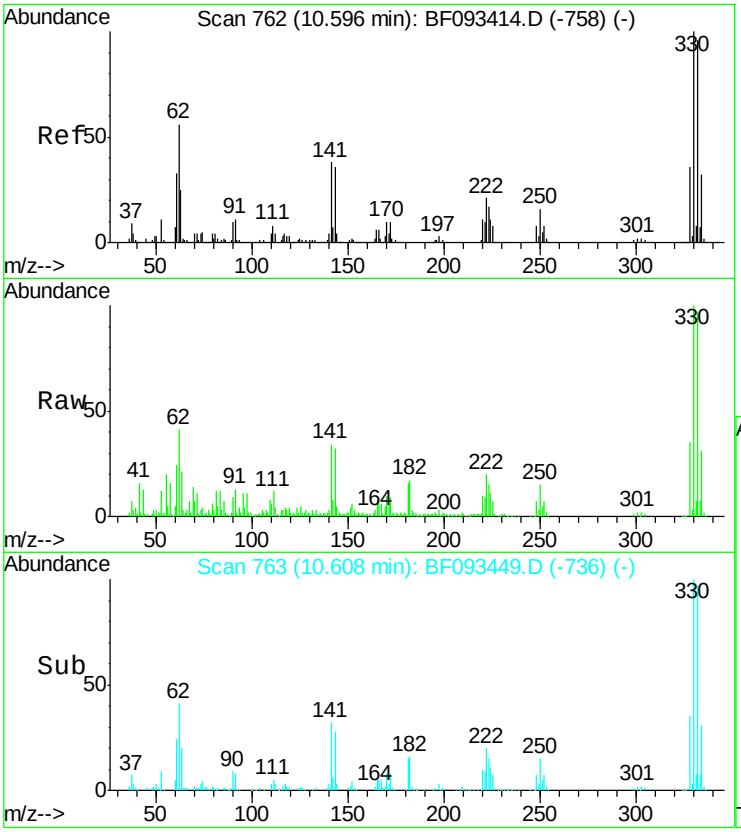


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:164 Resp: 239247

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	44.2	36.9	55.3



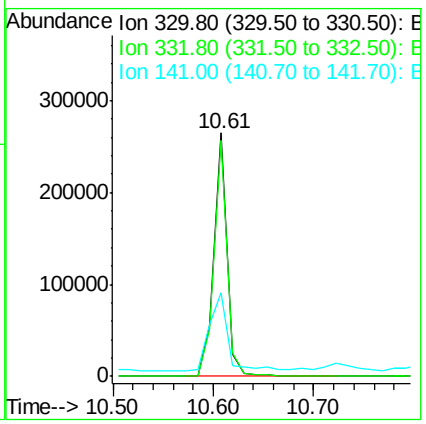


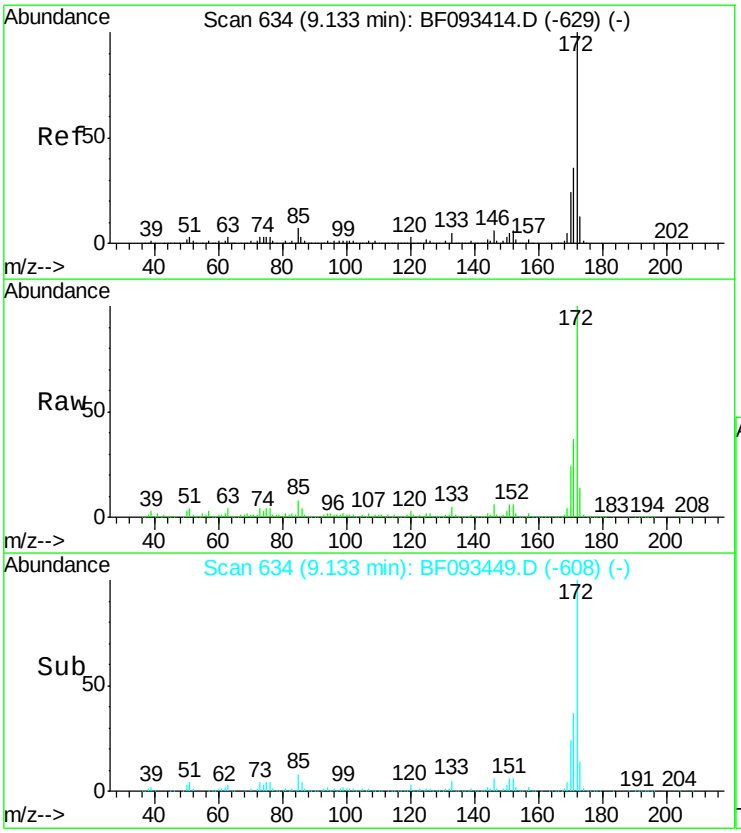
#41
2,4,6-Tribromophenol
Concen: 156.51 ng
RT: 10.61 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:330 Resp: 243956

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	44.4	34.1	51.1

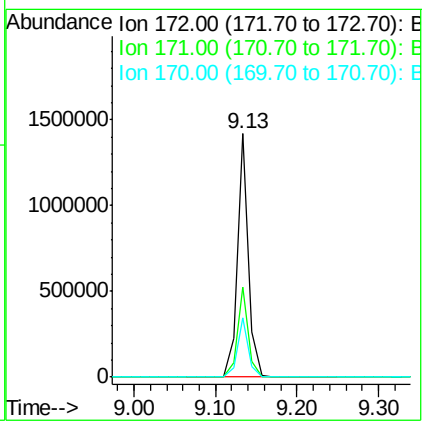


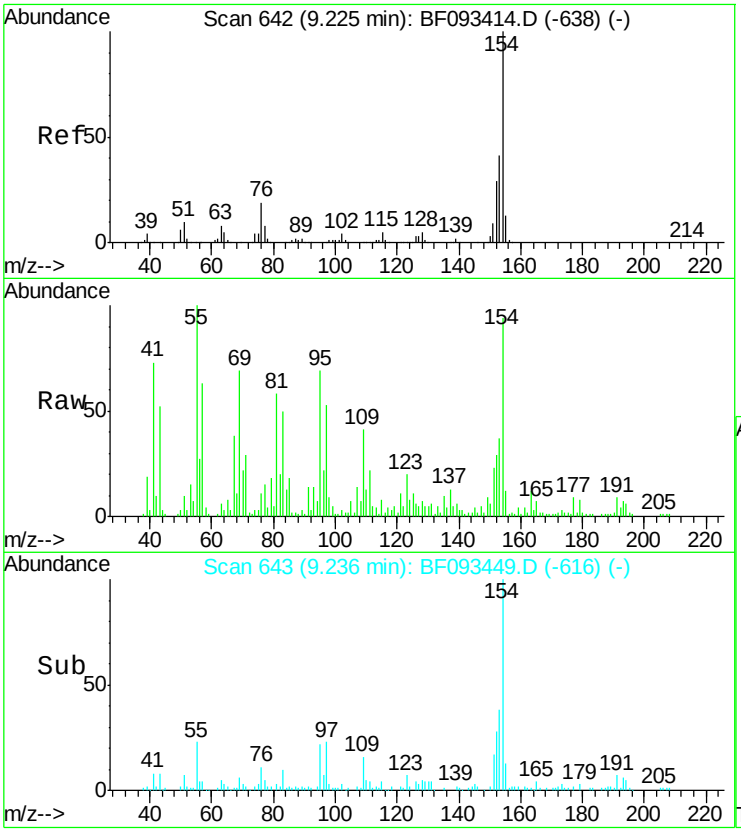


#44
2-Fluorobiphenyl
Concen: 103.49 ng
RT: 9.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:172 Resp: 1331091

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.4	20.2	30.4



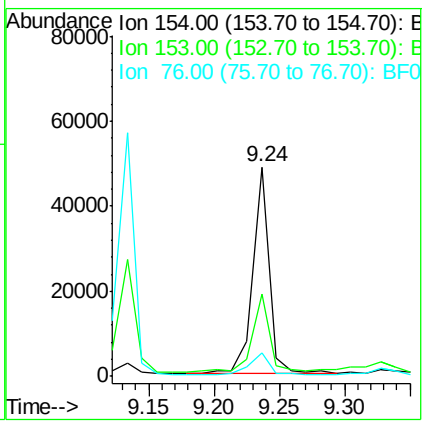


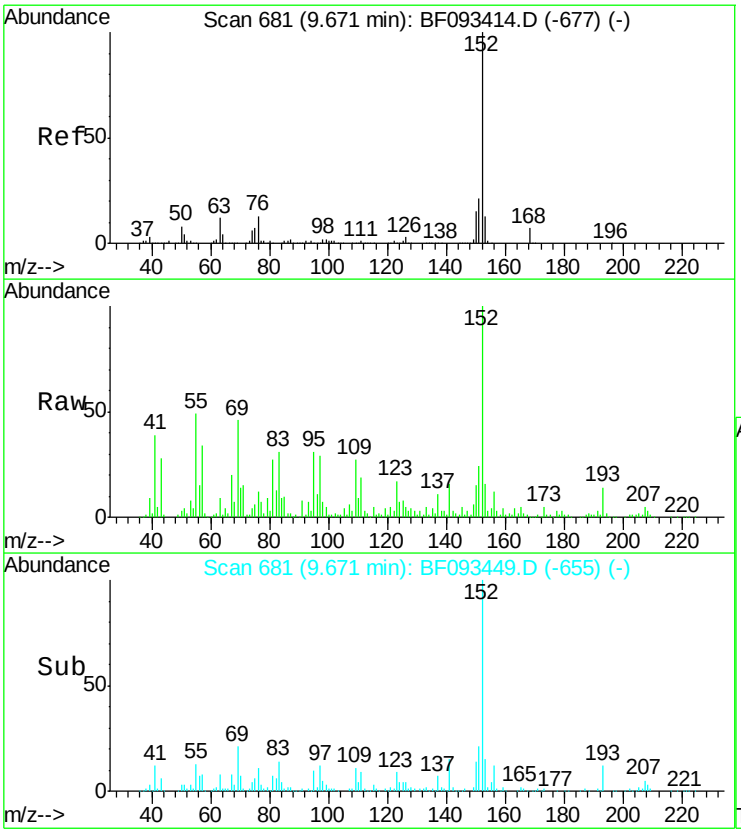
#45
1,1'-Biphenyl
Concen: 2.47 ng
RT: 9.24 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:154 Resp: 43008

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.9	60.9
76	11.5	0.0	30.5

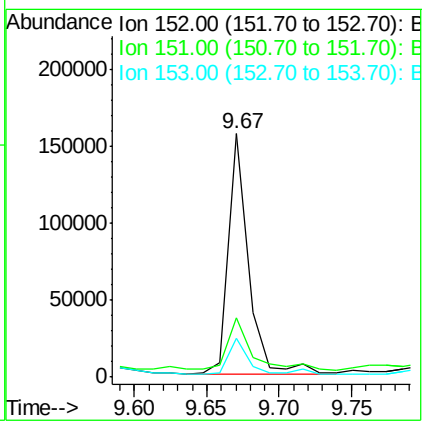


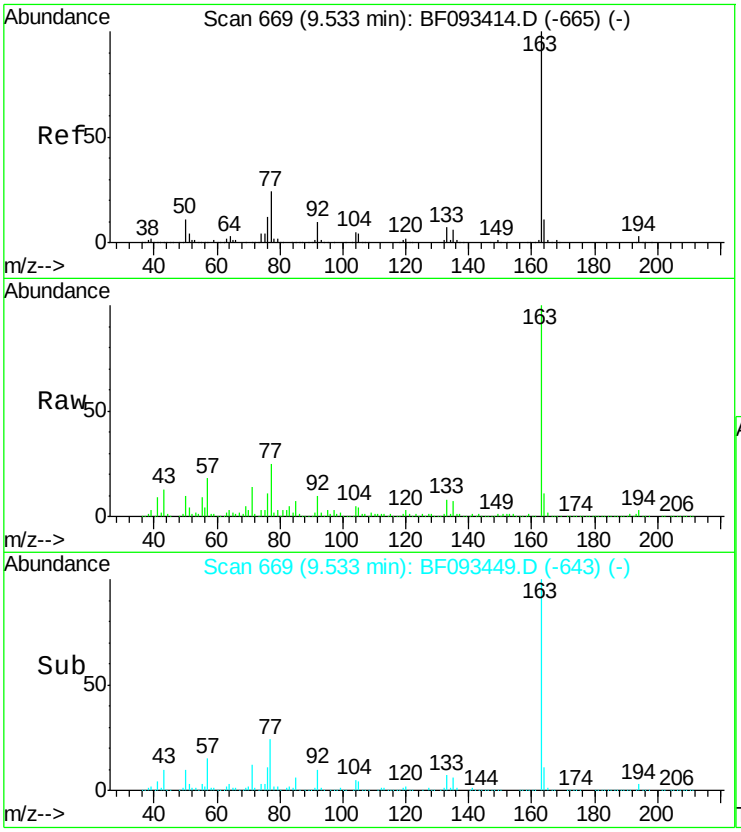


#48
Acenaphthylene
Concen: 6.80 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:152 Resp: 149672

Ion	Ratio	Lower	Upper
152	100		
151	24.1	16.9	25.3
153	15.8	11.4	17.2



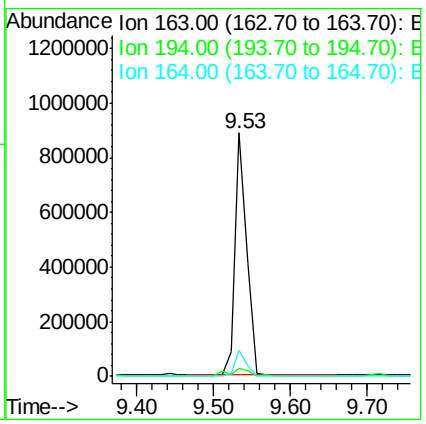


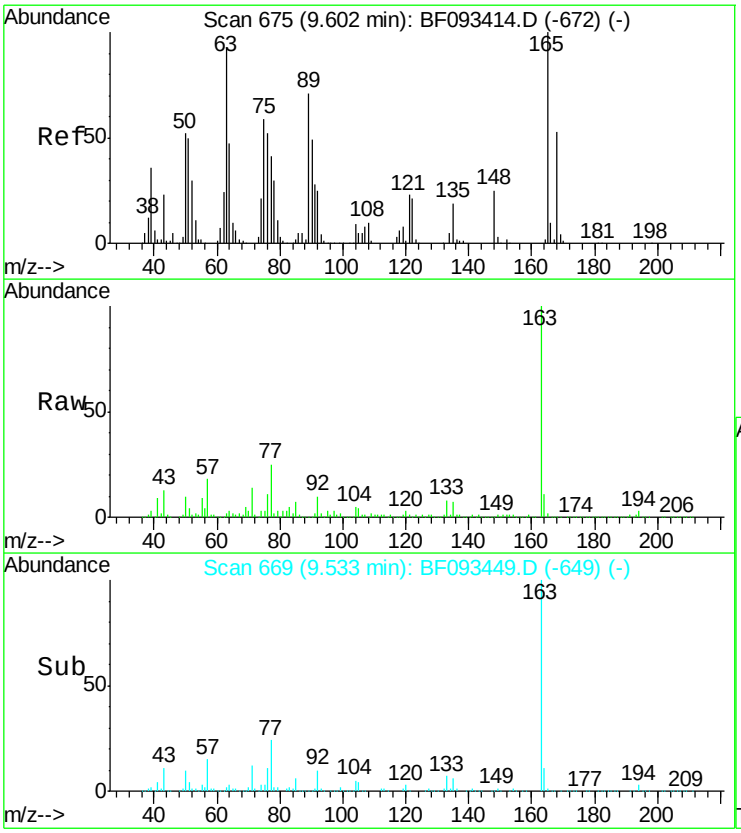
#49
Dimethylphthalate
Concen: 60.81 ng
RT: 9.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:163 Resp: 964542

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.9	8.0	12.0

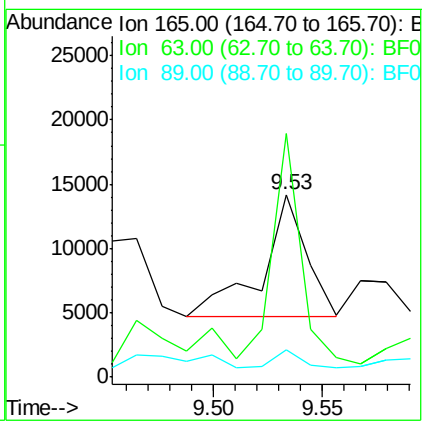


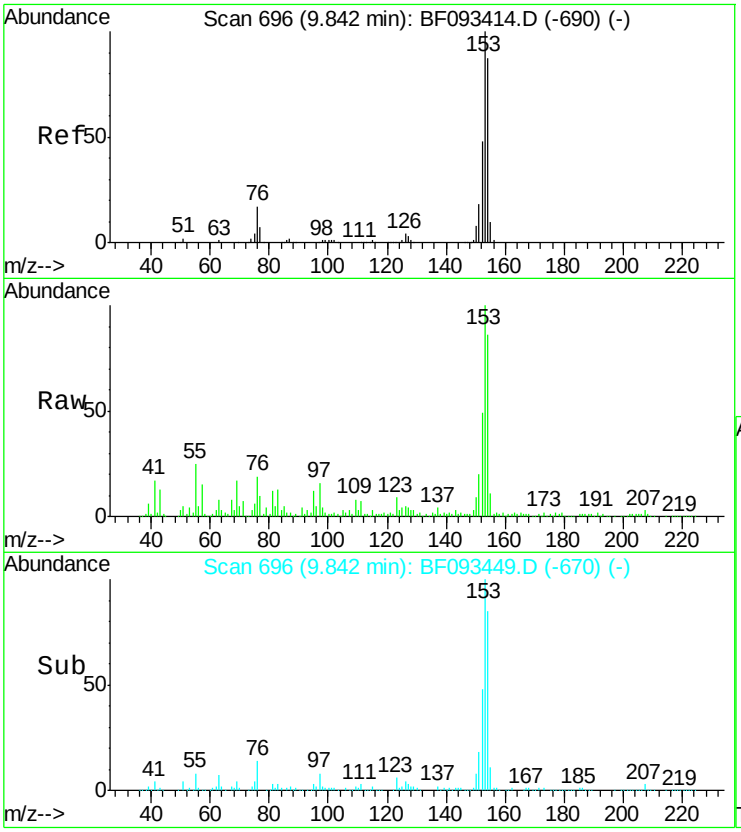


#50
2,6-Dinitrotoluene
Concen: 3.92 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.07 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:165 Resp: 13645

Ion	Ratio	Lower	Upper
165	100		
63	133.5	36.2	54.4#
89	14.8	40.2	60.4#



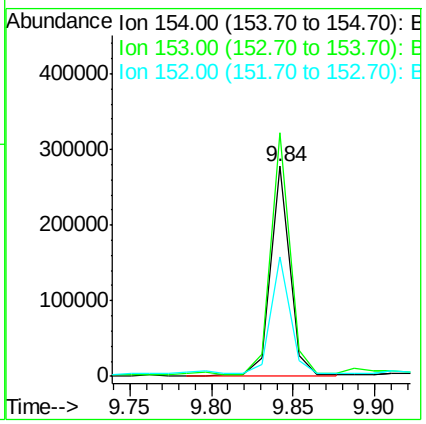


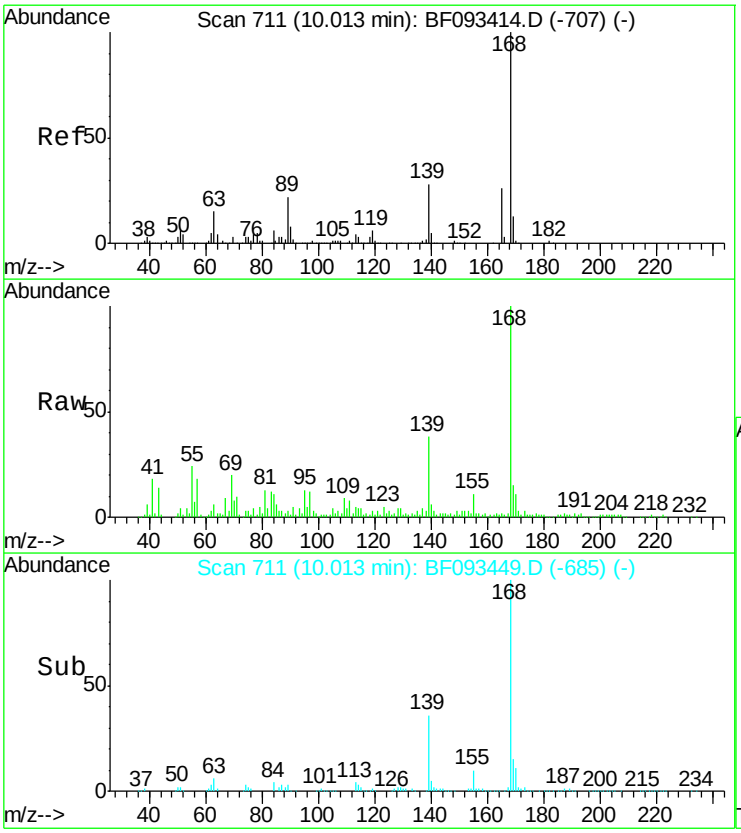
#51
Acenaphthene
Concen: 17.32 ng
RT: 9.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:154 Resp: 225360

Ion	Ratio	Lower	Upper
154	100		
153	115.8	88.6	133.0
152	57.0	41.6	62.4

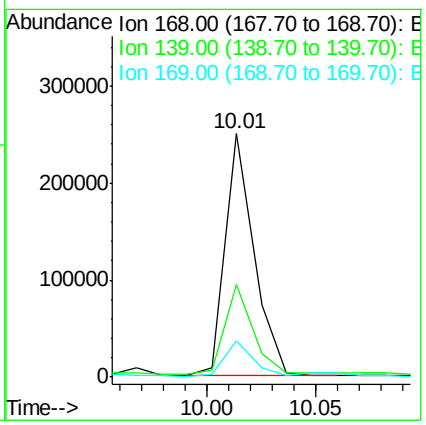


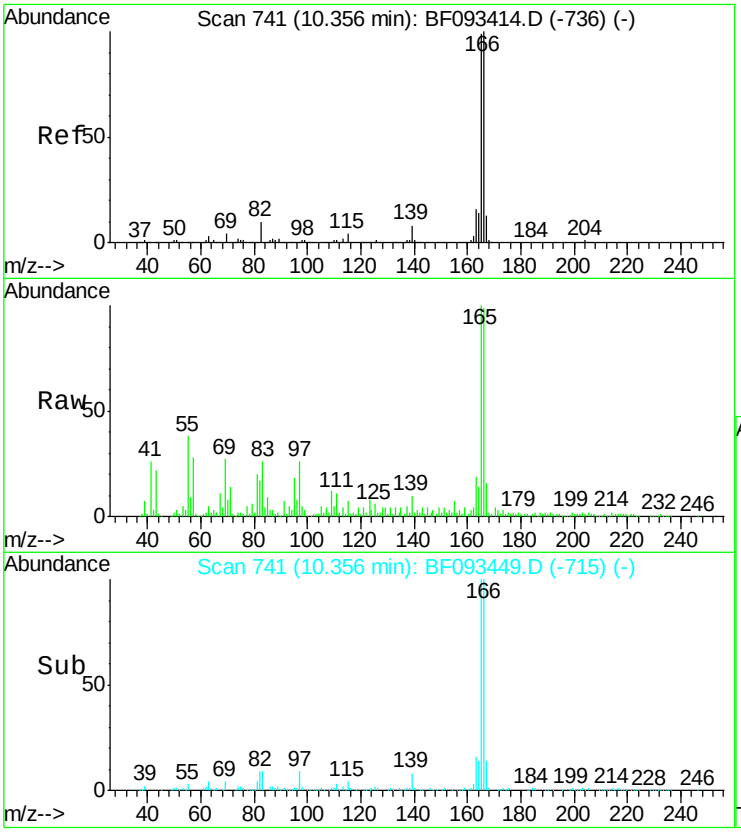


#54
Dibenzofuran
Concen: 14.06 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:168 Resp: 229002

Ion	Ratio	Lower	Upper
168	100		
139	37.9	32.6	49.0
169	15.0	11.3	16.9



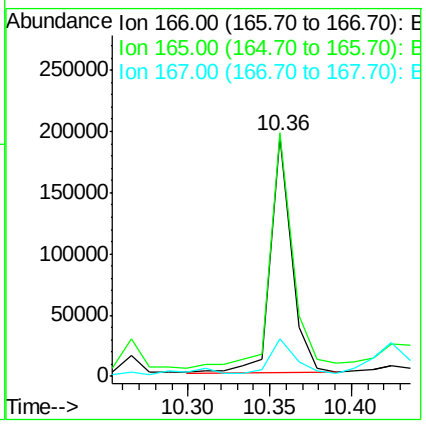


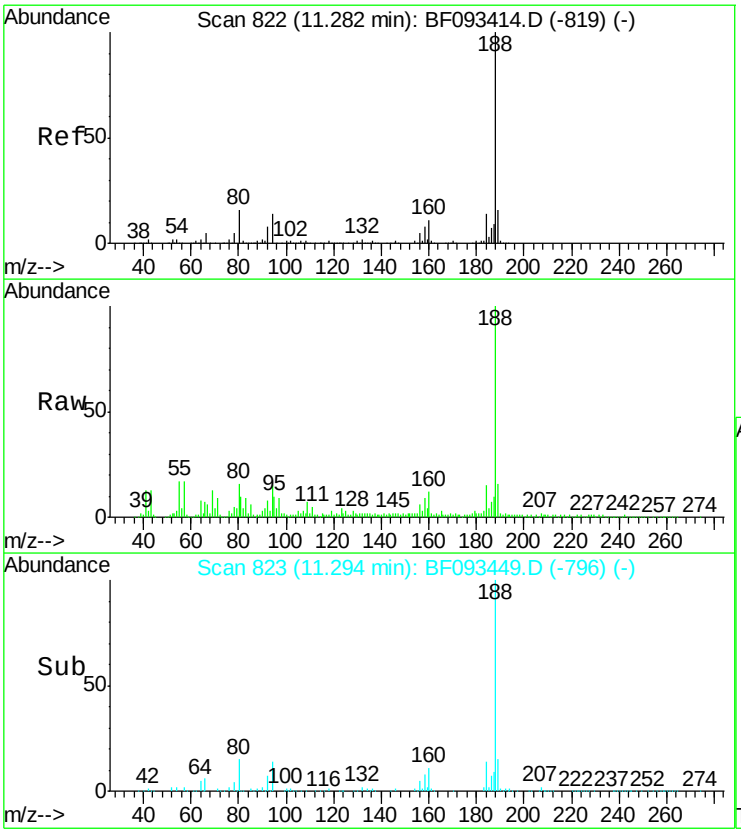
#57
Fluorene
Concen: 12.71 ng
RT: 10.36 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:166 Resp: 175438

Ion	Ratio	Lower	Upper
166	100		
165	101.5	77.8	116.8
167	15.8	10.8	16.2

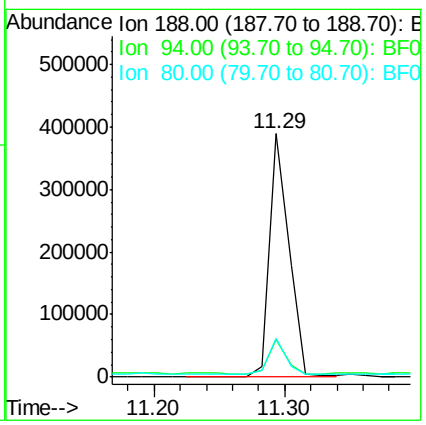


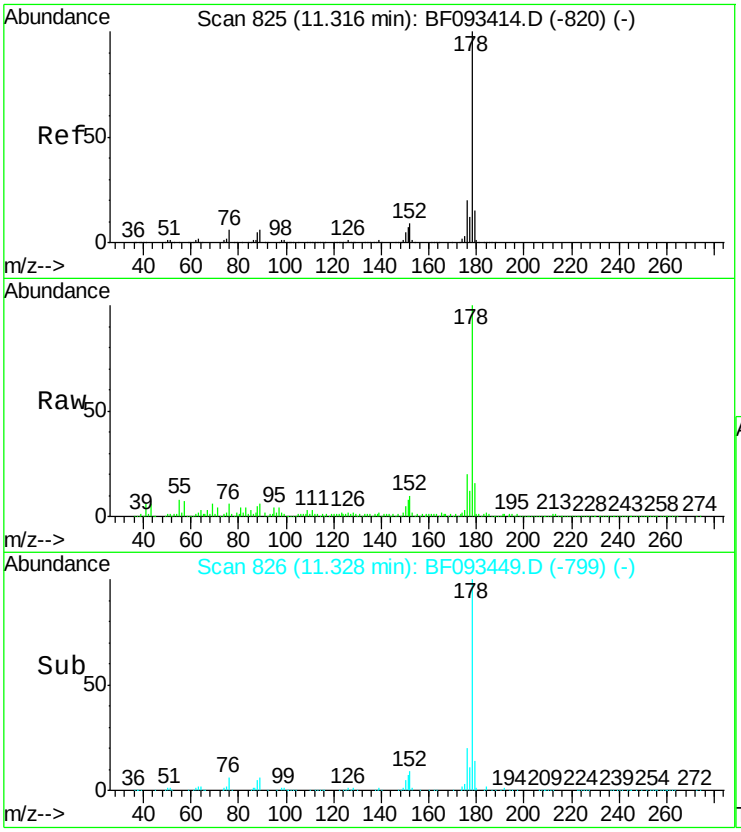


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:188 Resp: 403361

Ion	Ratio	Lower	Upper
188	100		
94	15.2	10.0	15.0#
80	16.2	11.2	16.8



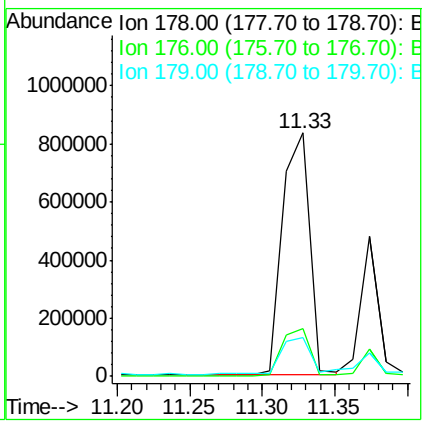


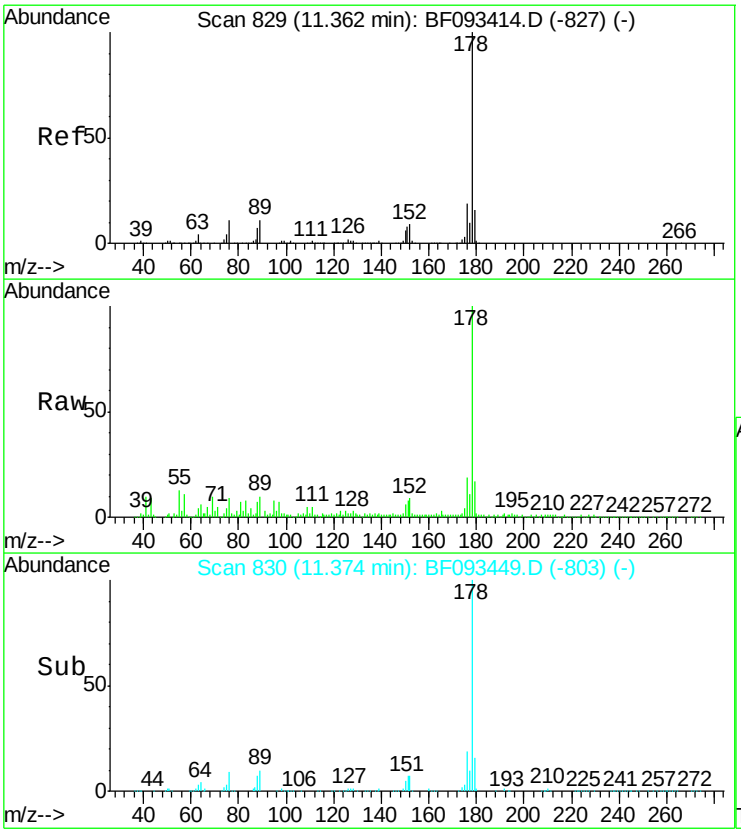
#70
Phenanthrene
Concen: 47.19 ng
RT: 11.33 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:178 Resp: 1086395

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	16.1	12.8	19.2

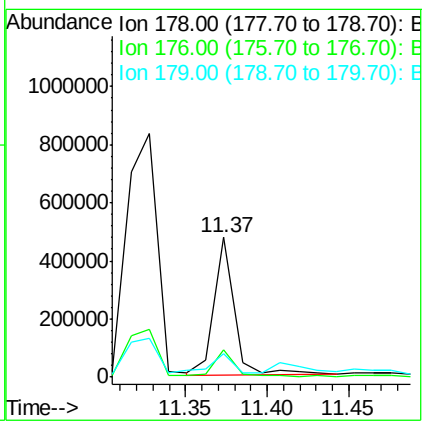


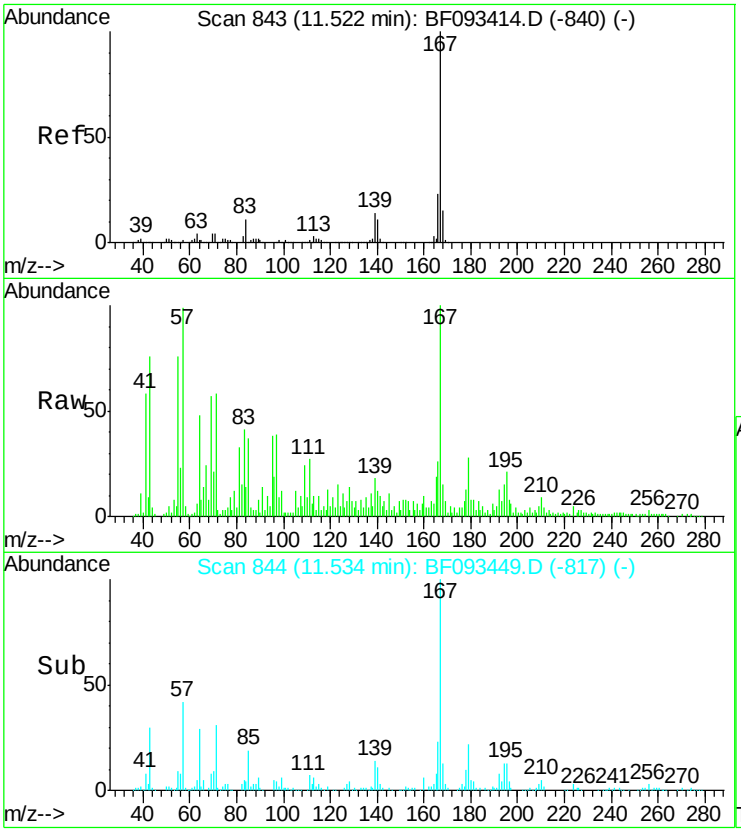


#71
Anthracene
Concen: 17.80 ng
RT: 11.37 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:178 Resp: 414661

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	17.0	13.2	19.8



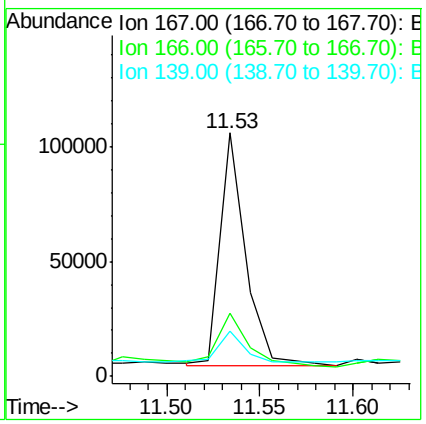


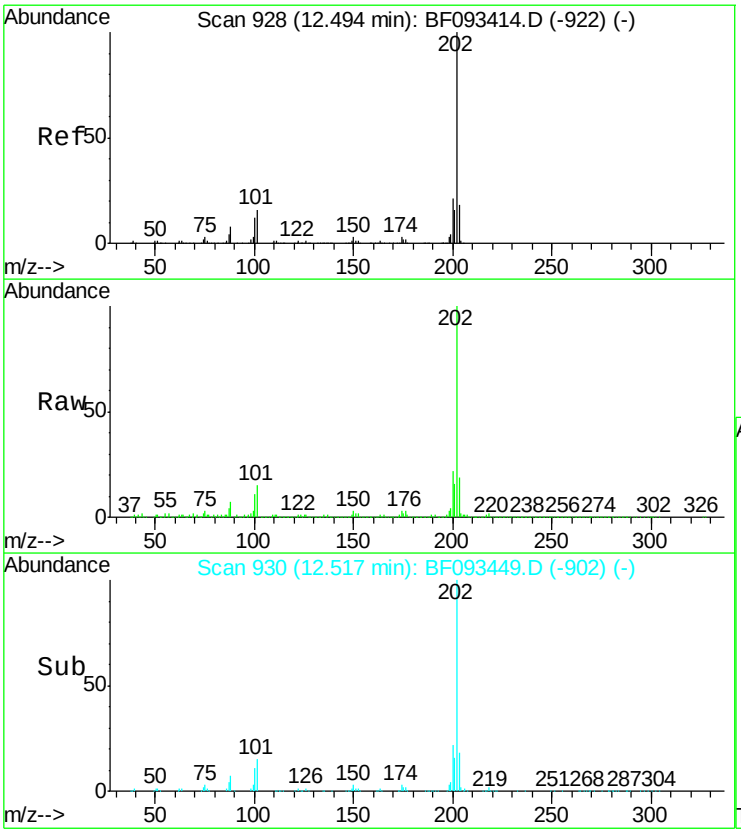
#72
Carbazole
Concen: 4.42 ng
RT: 11.53 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:167 Resp: 96725

Ion	Ratio	Lower	Upper
167	100		
166	26.0	18.2	27.2
139	18.5	11.4	17.2#

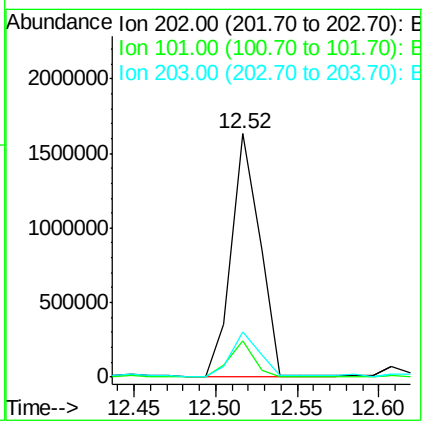


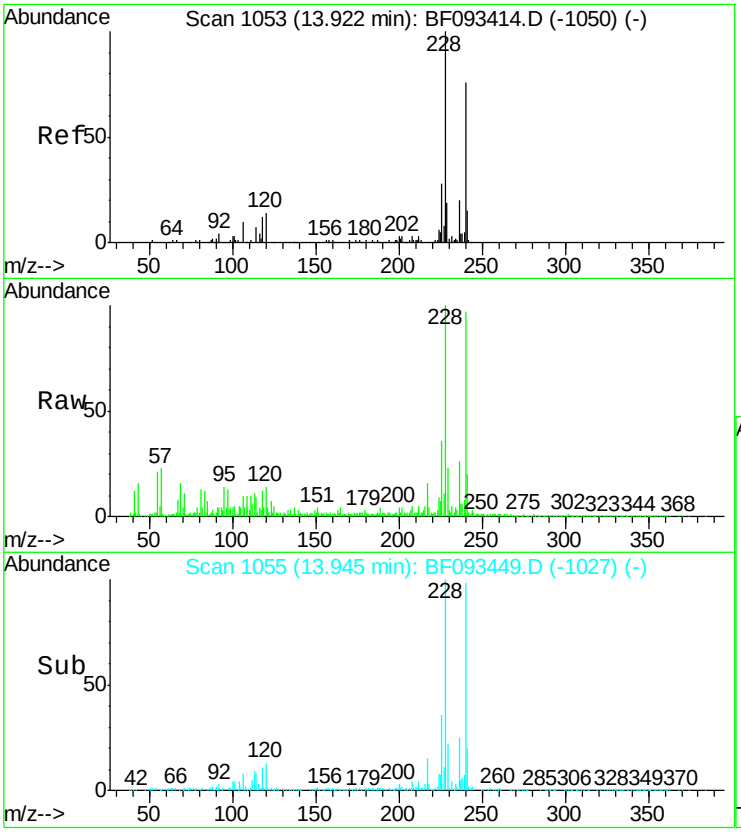


#74
Fluoranthene
Concen: 87.98 ng
RT: 12.52 min Scan# 930
Delta R.T. 0.02 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:202 Resp: 1956520

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.6
203	18.5	0.0	38.7



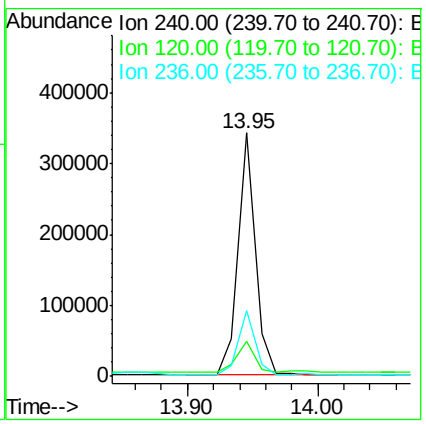


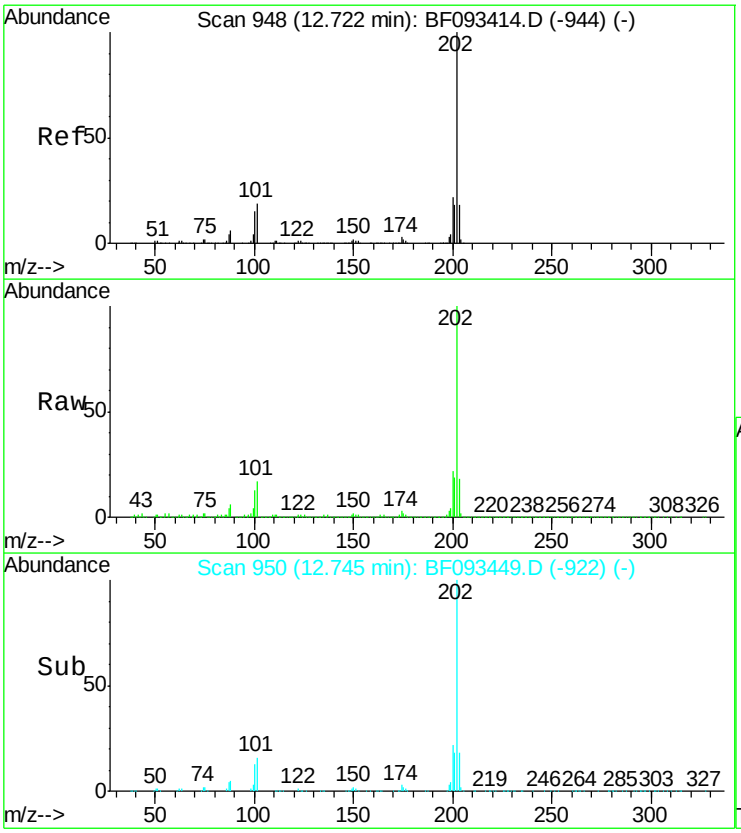
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1055
Delta R.T. 0.02 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:240 Resp: 315024

Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.9	19.3
236	26.8	20.9	31.3

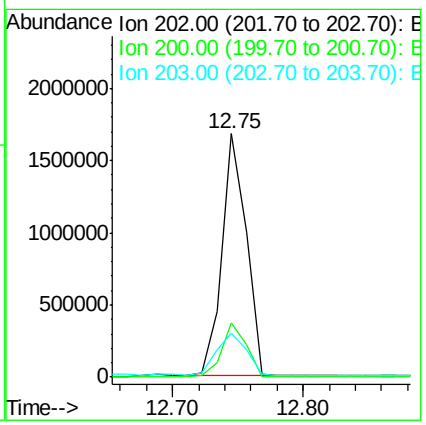


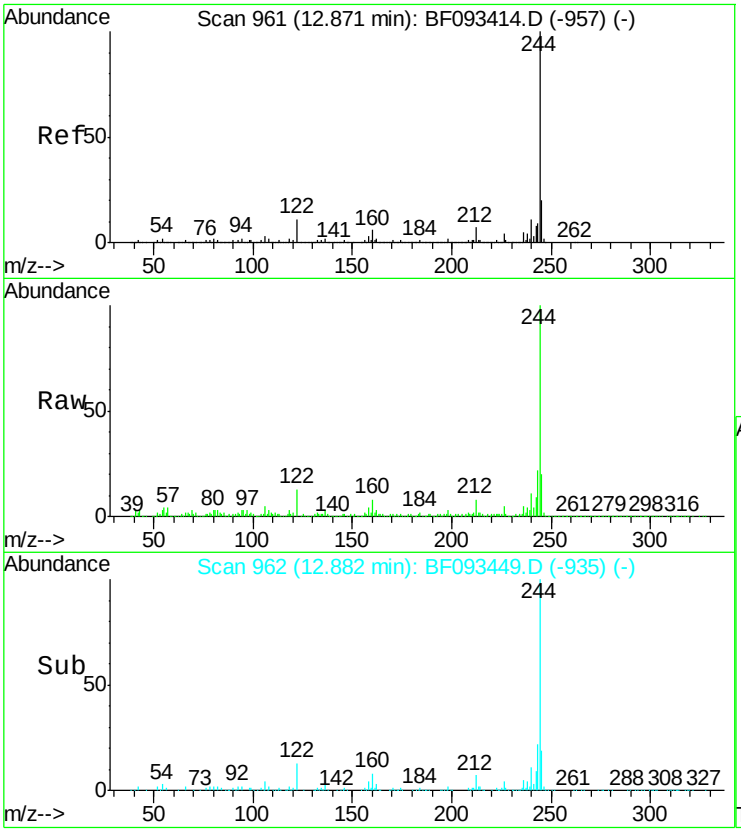


#77
Pyrene
Concen: 95.02 ng
RT: 12.75 min Scan# 950
Delta R.T. 0.02 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:202 Resp: 2177116

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.3	14.7	22.1



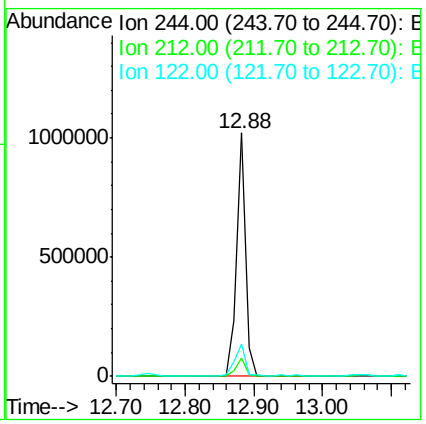


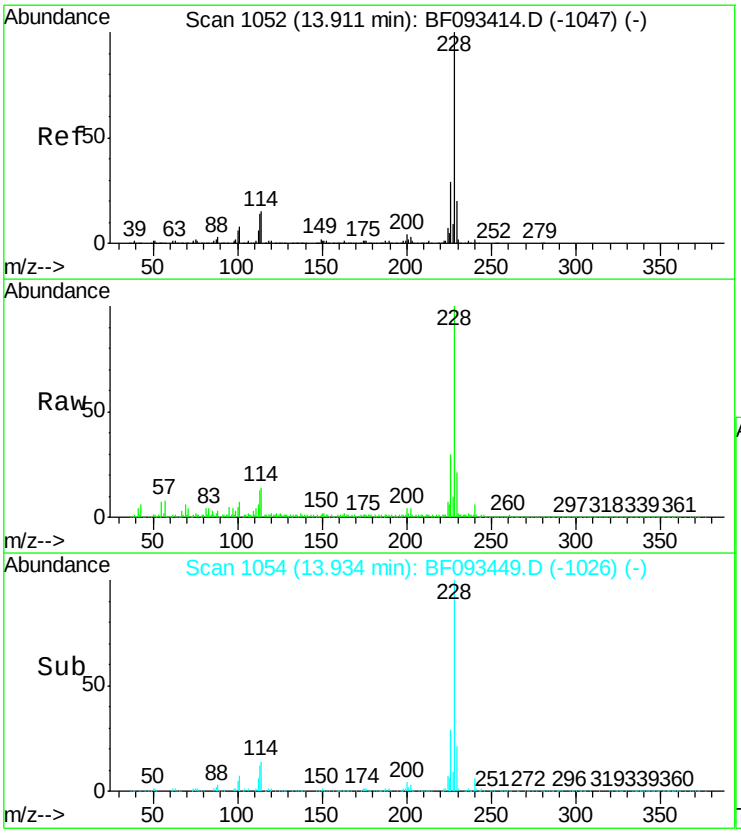
#78
Terphenyl-d14
Concen: 78.52 ng
RT: 12.88 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:244 Resp: 951427

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.4	11.4	17.2

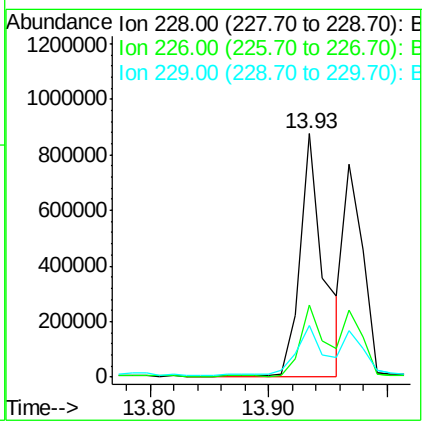


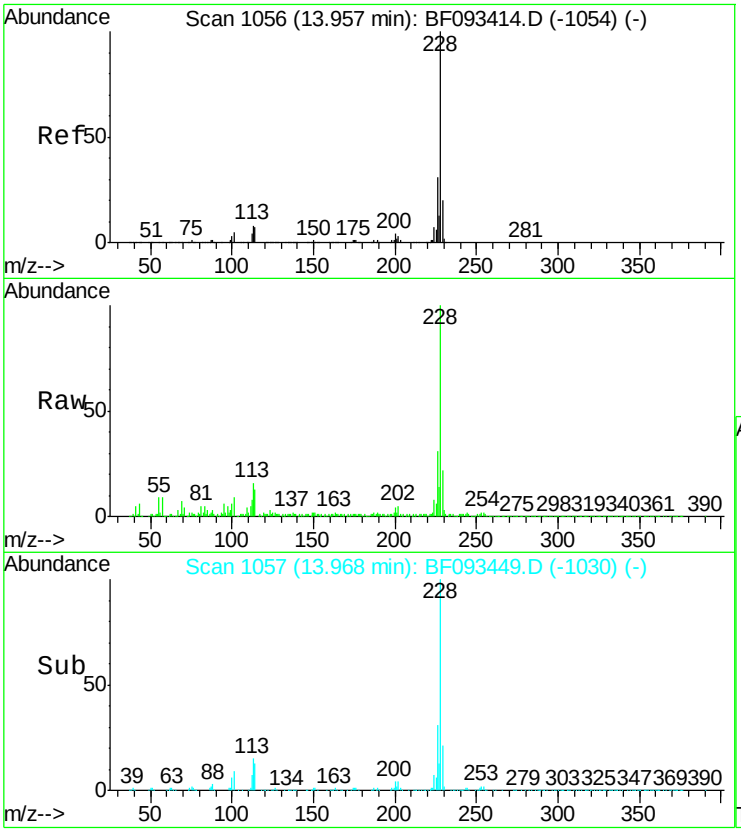


#80
Benzo(a)anthracene
Concen: 64.54 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.02 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:228 Resp: 1200630

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.4	33.6
229	21.3	16.2	24.4



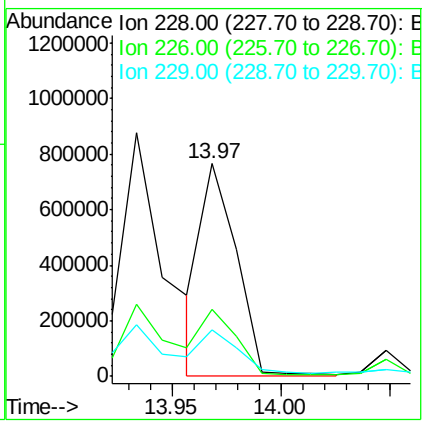


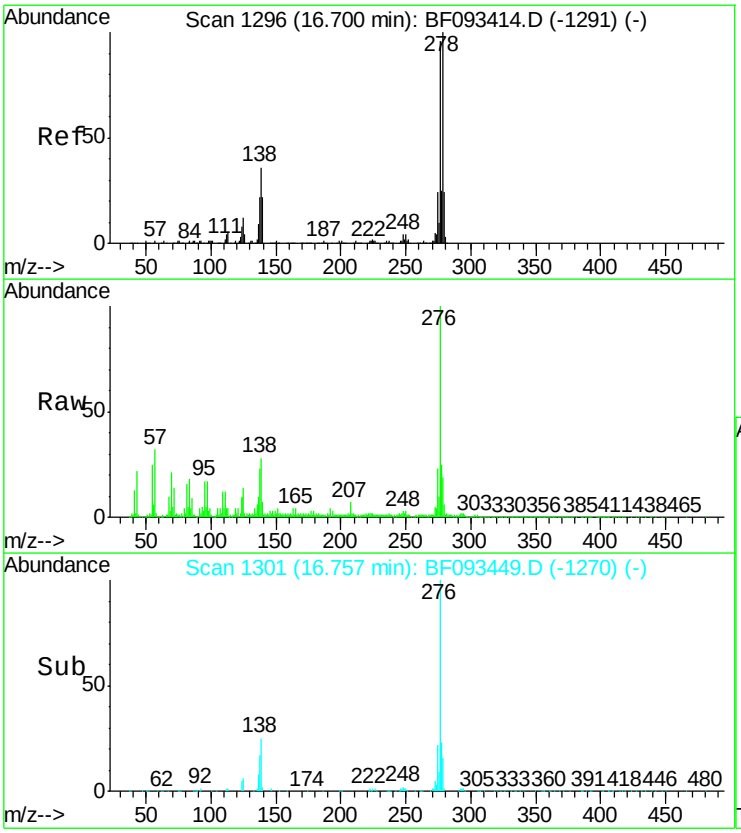
#82
Chrysene
Concen: 49.71 ng
RT: 13.97 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:228 Resp: 855578

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	21.6	16.2	24.2

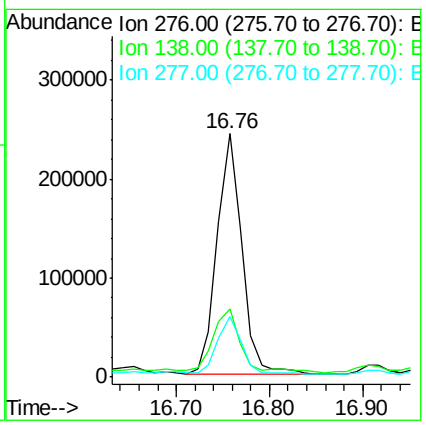


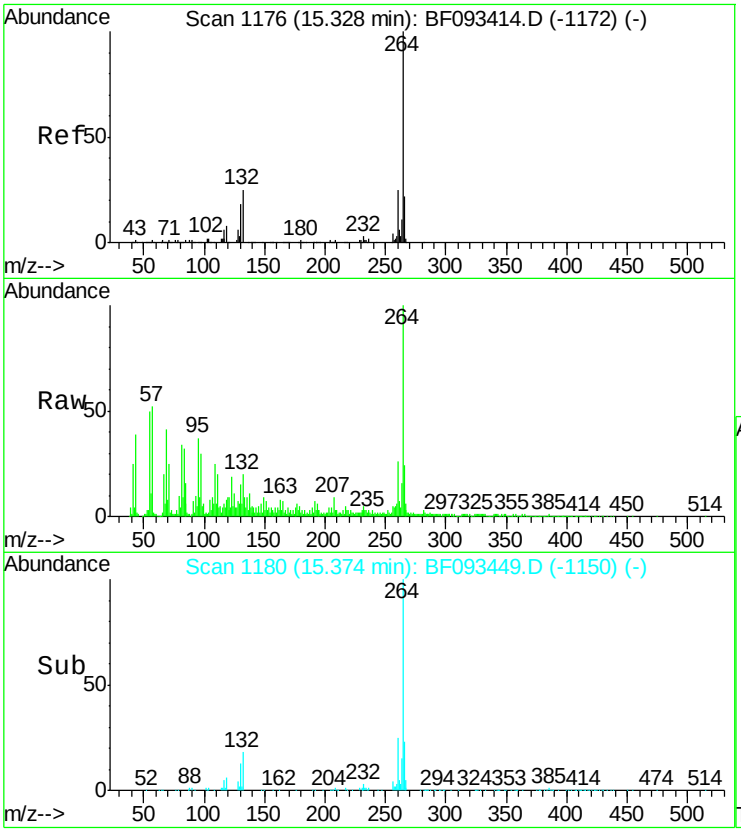


#85
Indeno(1,2,3-cd)pyrene
Concen: 31.29 ng
RT: 16.76 min Scan# 1301
Delta R.T. 0.06 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:276 Resp: 450822

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.8	32.6
277	23.5	20.2	30.4



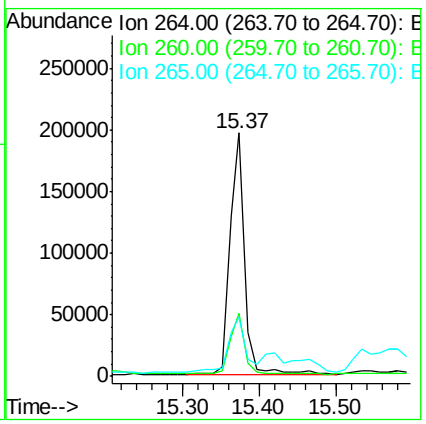


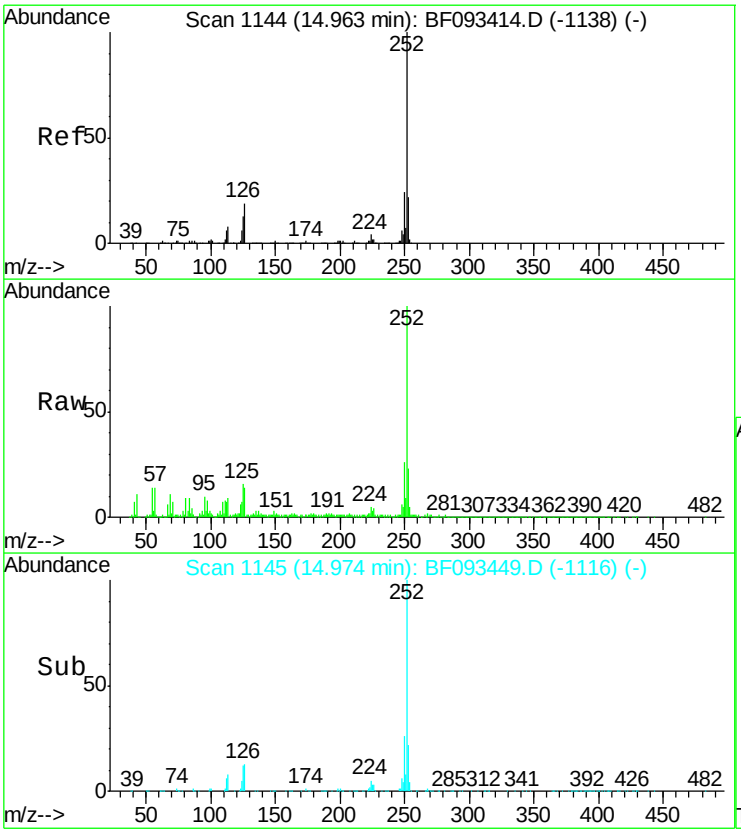
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. 0.05 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:264 Resp: 270631

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	24.5	17.4	26.0

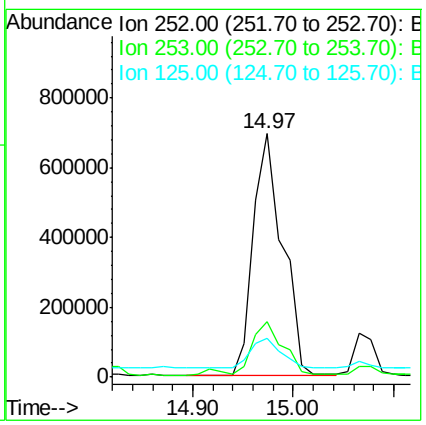


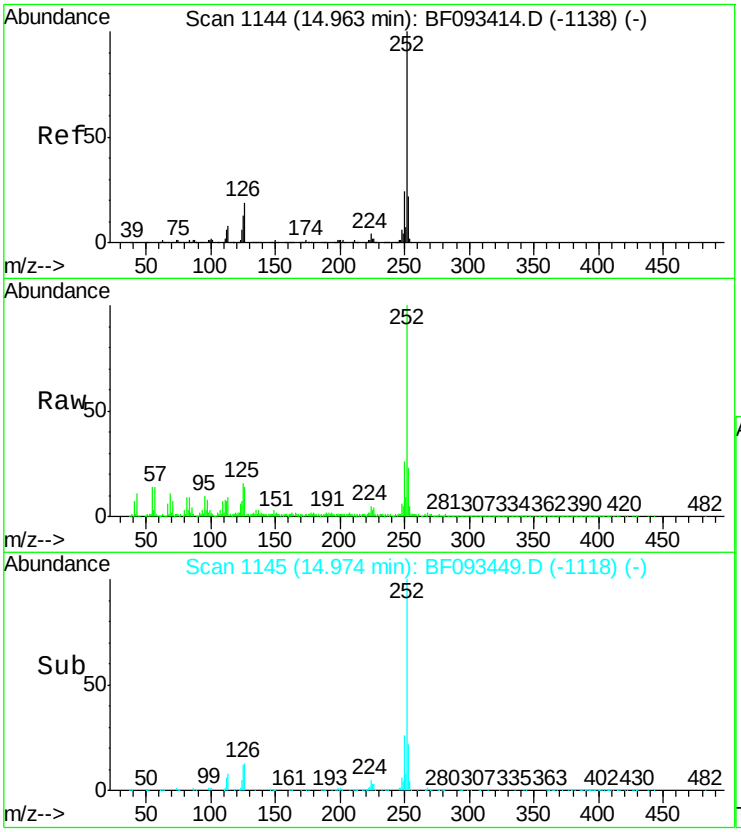


#87
Benzo(b)fluoranthene
Concen: 85.69 ng
RT: 14.97 min Scan# 1145
Delta R.T. 0.03 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:252 Resp: 1412418

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	15.7	9.8	14.6#



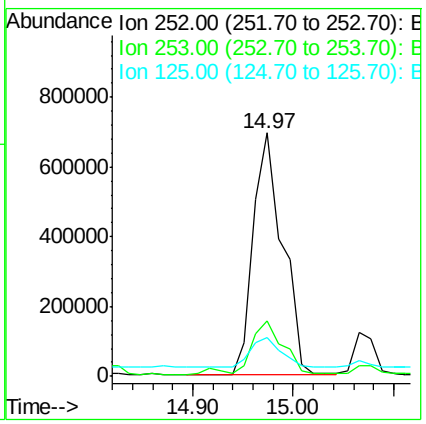


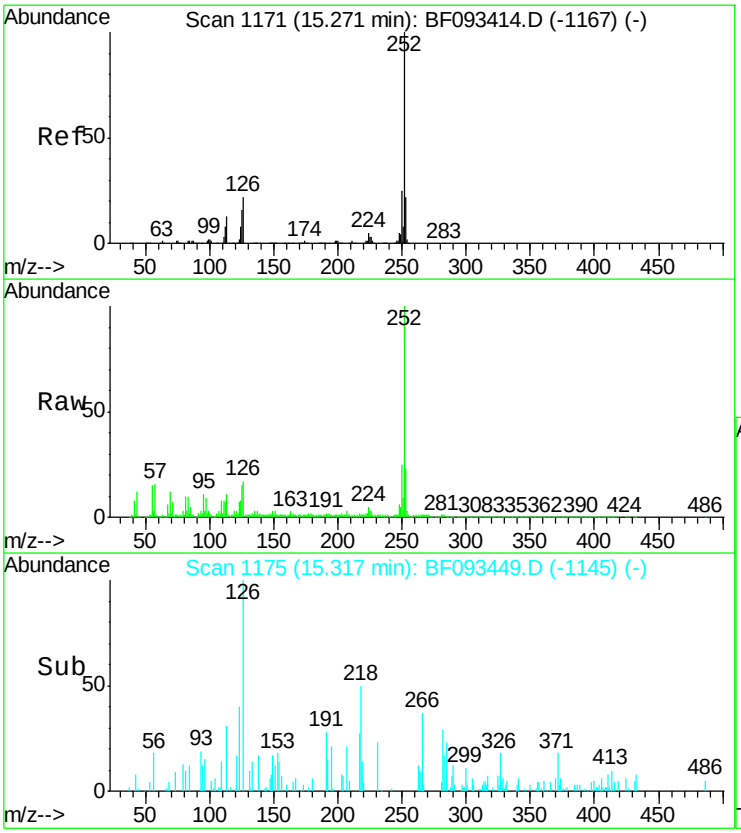
#88
Benzo(k)fluoranthene
Concen: 88.86 ng
RT: 14.97 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:252 Resp: 1412418

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	15.7	8.9	13.3#

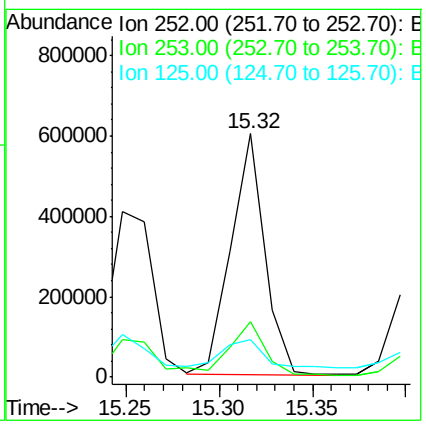


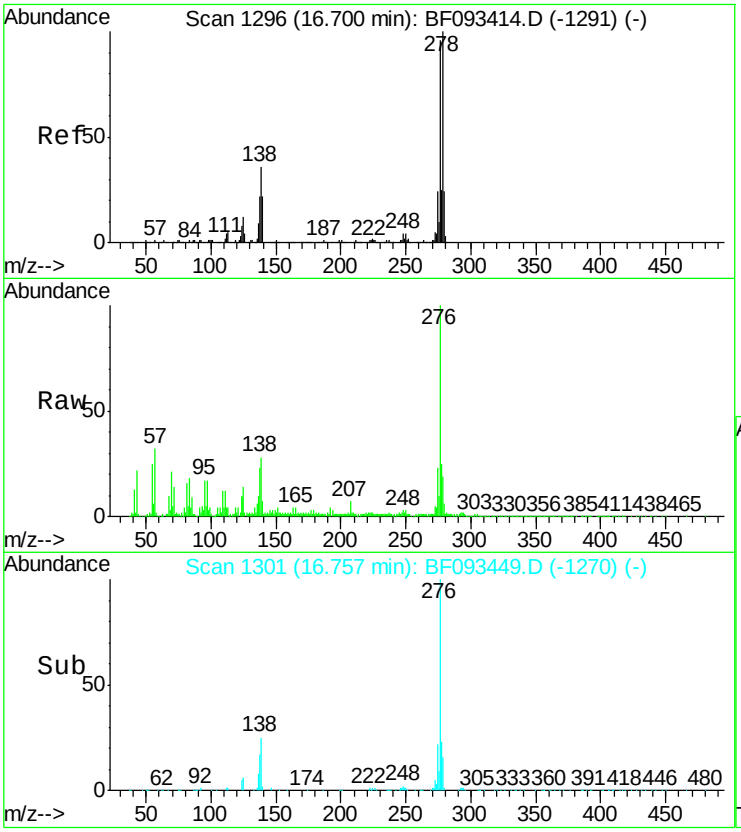


#89
Benzo(a)pyrene
Concen: 50.55 ng
RT: 15.32 min Scan# 1175
Delta R.T. 0.05 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:252 Resp: 761493

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	15.5	10.0	15.0#



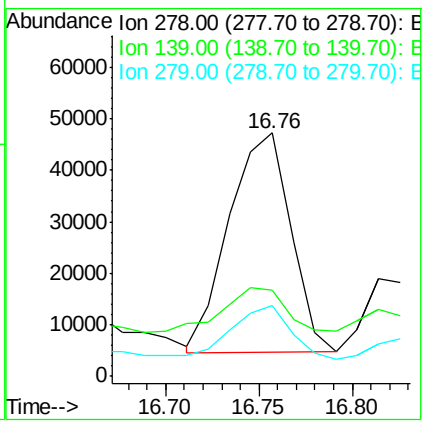


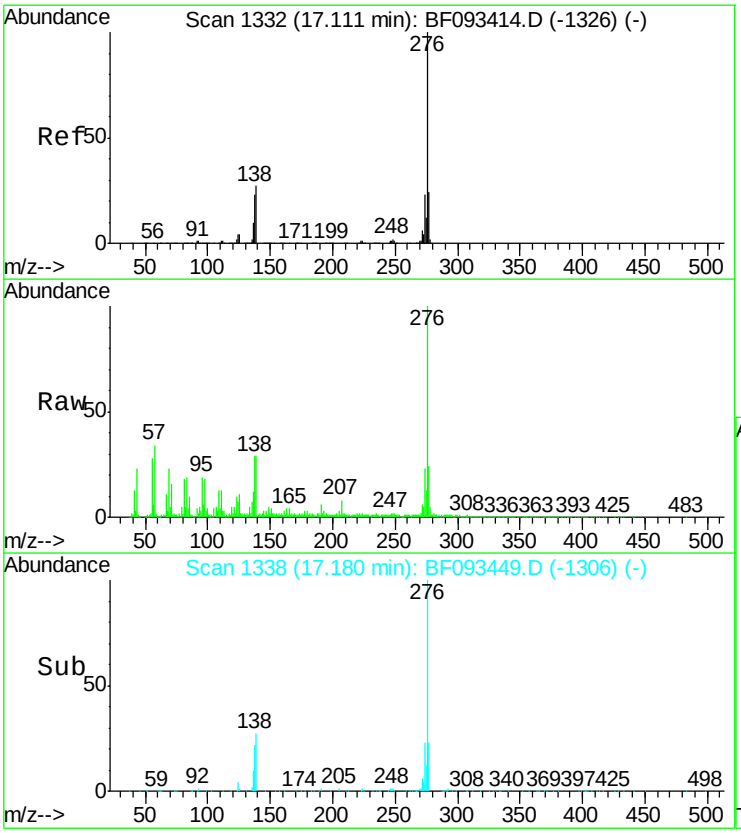
#90
Dibenzo(a,h)anthracene
Concen: 7.84 ng
RT: 16.76 min Scan# 1301
Delta R.T. 0.06 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Instrument :
BNA_F
ClientSampleId :
HY-SB422A

Tgt Ion:278 Resp: 97751

Ion	Ratio	Lower	Upper
278	100		
139	35.3	14.8	22.2#
279	29.3	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 36.50 ng
RT: 17.18 min Scan# 1338
Delta R.T. 0.07 min
Lab File: BF093449.D
Acq: 9 Mar 2017 00:45

Tgt Ion:276 Resp: 466799

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	29.3	16.0	24.0#