Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
Data File : BF093599.D
Acq On : 12 Mar 2017 9:00
Operator : SJ/MA
Sample : I2133-02DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB422ADL

Quant Time: Mar 13 18:44:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	181109	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	620459	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	273899	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	390224	20.00	ng		0.00
75) Chrysene-d12	13.89	240	307248	20.00	ng		0.00
86) Perylene-d12	15.29	264	260911	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	927871	85.27	ng		0.00
7) Phenol-d6	6.38	99	1229045	89.57	ng		0.00
23) Nitrobenzene-d5	7.29	82	623723	55.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	134055	75.12	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	980582	66.59	ng		0.00
78) Terphenyl-d14	12.83	244	574757	48.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.26	77	1963	Below Cal		#	1
25) Isophorone	7.29	82	602251	26.71	ng	#	65
31) Naphthalene	8.04	128	139986	4.50	ng		97
35) Caprolactam	8.44	113	7039	2.35	ng	#	1
37) 2-Methylnaphthalene	8.72	142	76273	3.86	ng		99
48) Acenaphthylene	9.62	152	86709	3.44	ng		96
49) Dimethylphthalate	9.49	163	653595	35.99	ng		99
51) Acenaphthene	9.80	154	131888	8.85	ng		96
54) Dibenzofuran	9.97	168	136253	7.31	ng		95
55) 4-Nitrophenol	9.97	139	52612	22.63	ng	#	20
57) Fluorene	10.31	166	101496	6.42	ng		97
70) Phenanthrene	11.27	178	614447	27.59	ng		98
71) Anthracene	11.27	178	614447	27.27	ng		99
72) Carbazole	11.49	167	48510	2.29	ng		94
74) Fluoranthene	12.46	202	1165531	54.17	ng		98
77) Pyrene	12.69	202	1261760	56.47	ng		99
80) Benzo(a)anthracene	13.88	228	689574	38.00	ng		99
82) Chrysene	13.91	228	419655	25.00	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	263533	18.75	ng		97
87) Benzo(b)fluoranthene	14.89	252	802207	50.48	ng	#	96
88) Benzo(k)fluoranthene	14.89	252	802207	52.35	ng	#	95
89) Benzo(a)pyrene	15.24	252	423059	29.13	ng		98
90) Dibenzo(a,h)anthracene	16.63	278	52362	4.36	ng	#	79
91) Benzo(g,h,i)perylene	17.04	276	264410	21.44	ng	#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
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Acq On : 12 Mar 2017 9:00
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Sample : I2133-02DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
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HY-SB422ADL

Quant Time: Mar 13 18:44:20 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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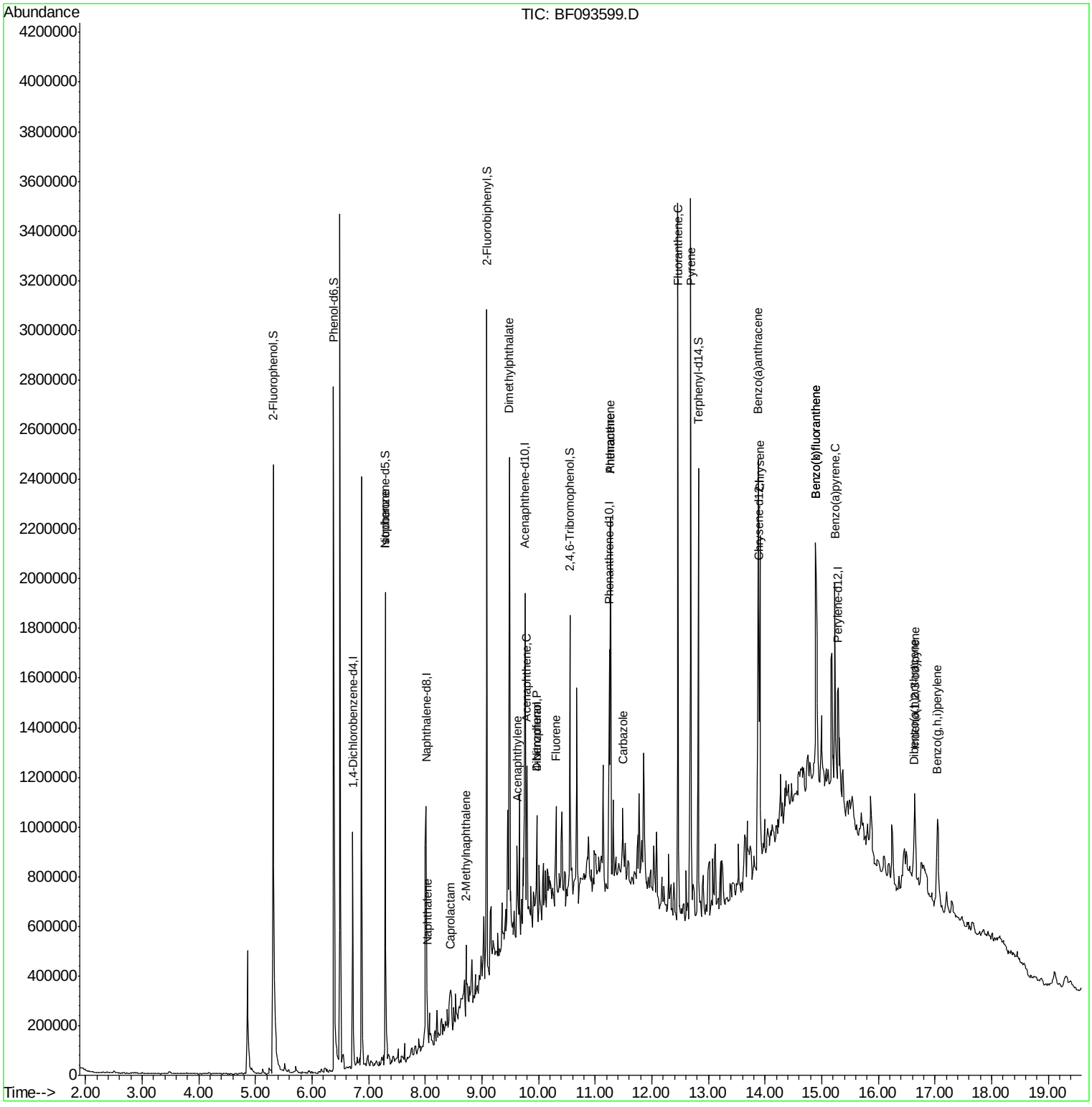
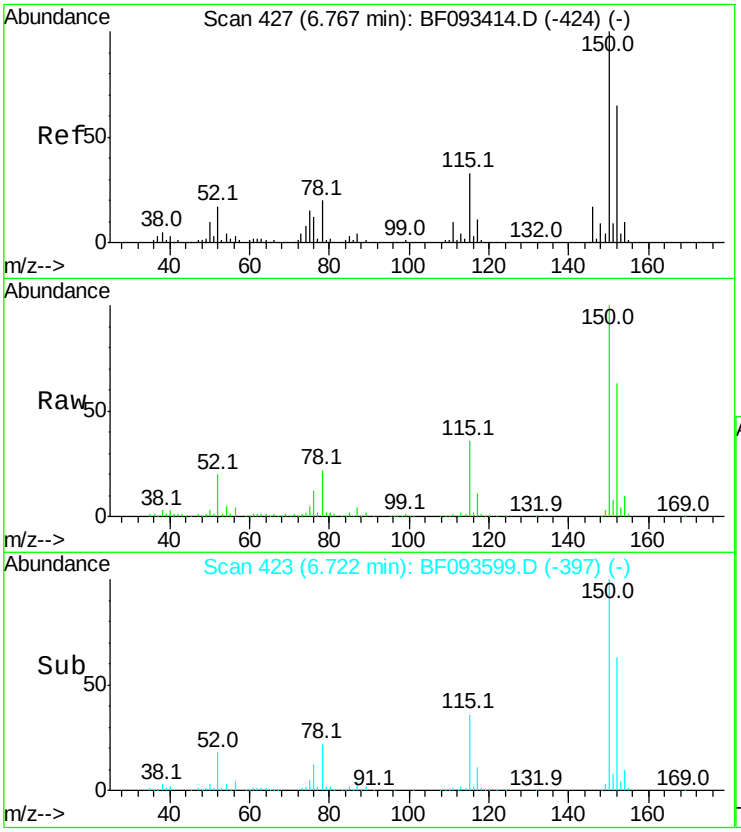


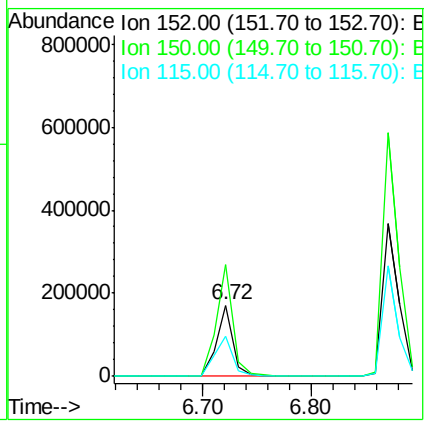


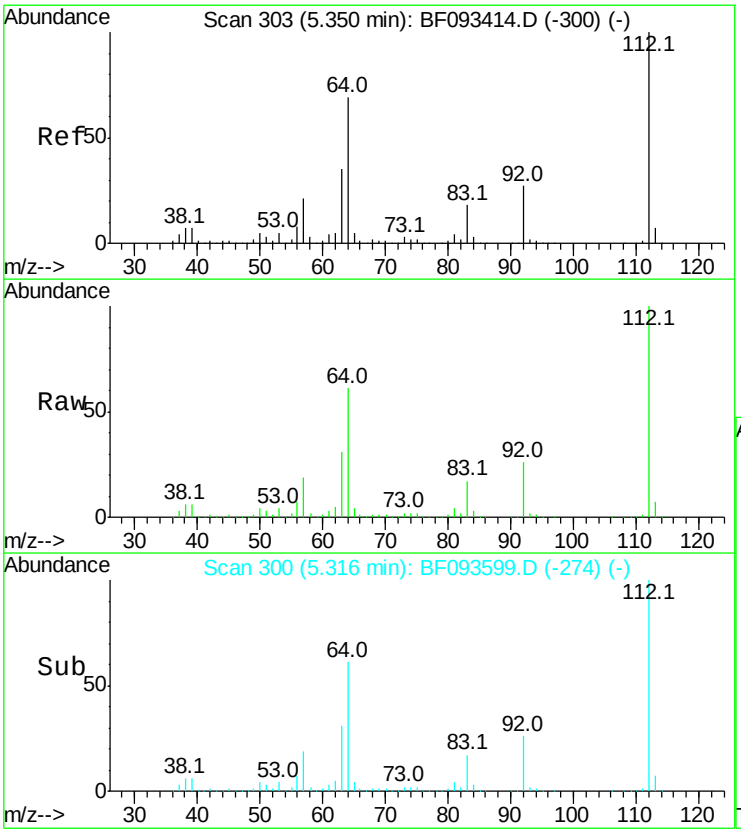
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:152 Resp: 181109

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.9	187.3
115	56.9	46.0	69.0

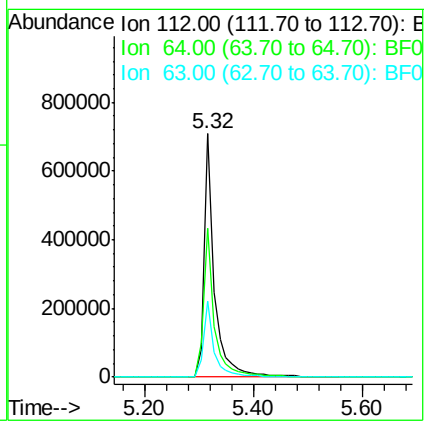


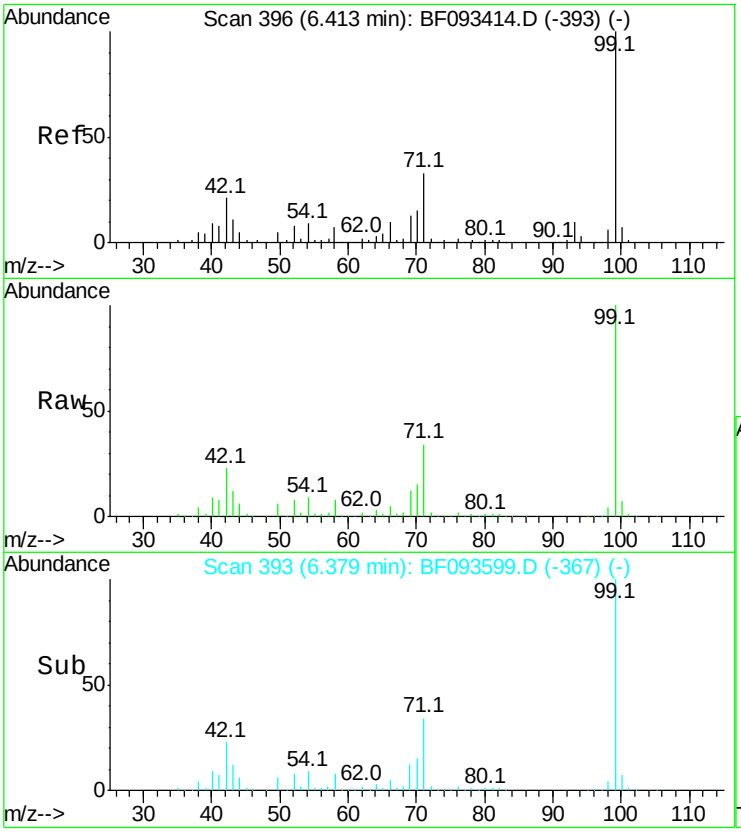


#5
2-Fluorophenol
Concen: 85.27 ng
RT: 5.32 min Scan# 300
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:112 Resp: 927871

Ion	Ratio	Lower	Upper
112	100		
64	61.2	46.1	69.1
63	31.1	23.8	35.6



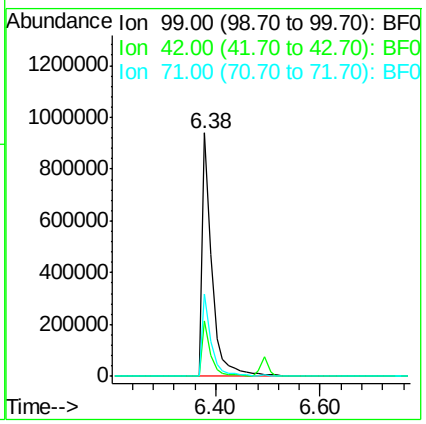


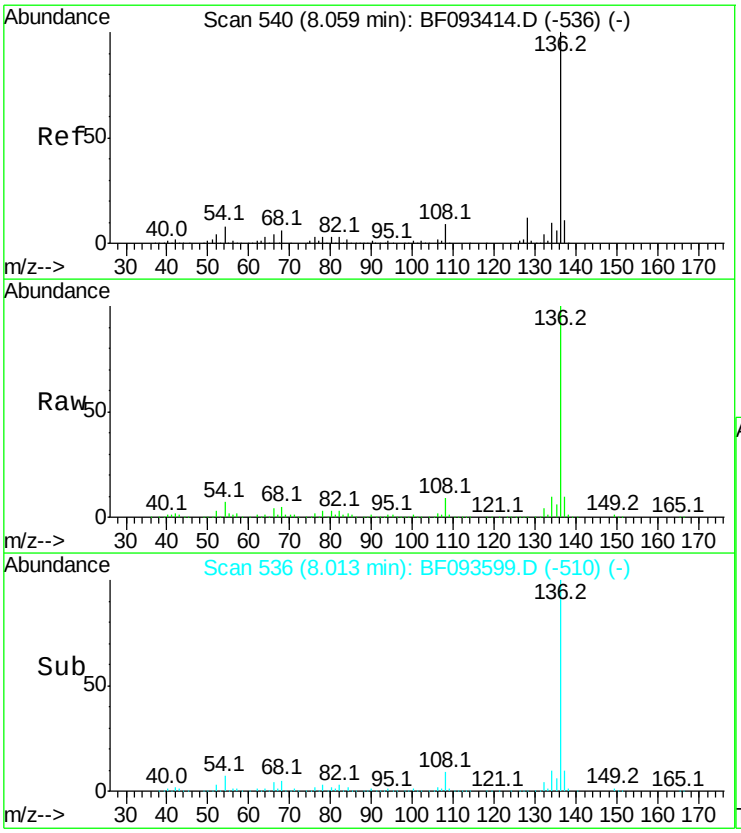
#7
Phenol-d6
Concen: 89.57 ng
RT: 6.38 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion: 99 Resp: 1229045

Ion	Ratio	Lower	Upper
99	100		
42	22.6	15.6	23.4
71	33.9	27.5	41.3

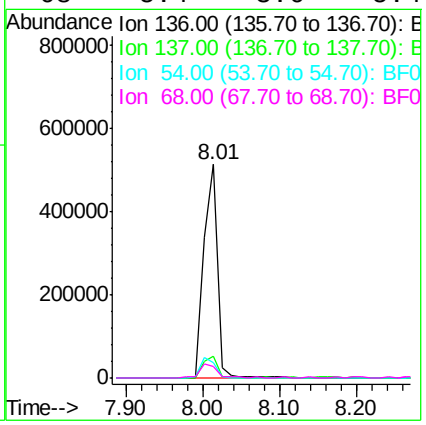


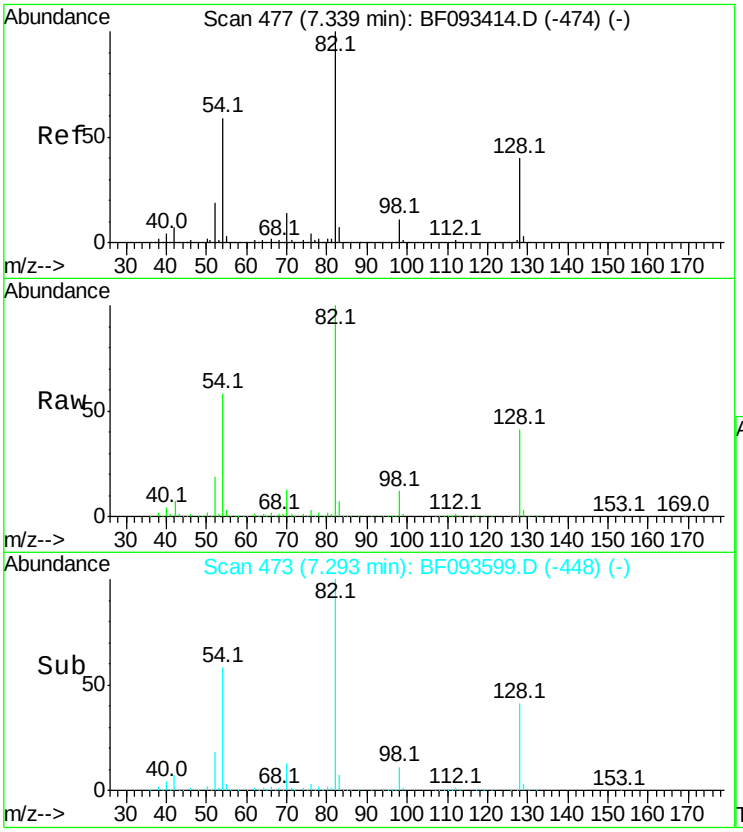


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:136 Resp: 620459

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.3	4.5	6.7#
68	5.4	3.6	5.4



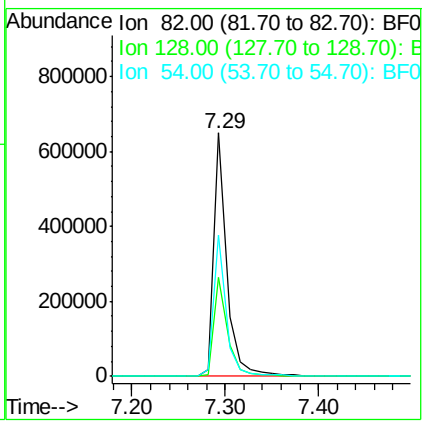


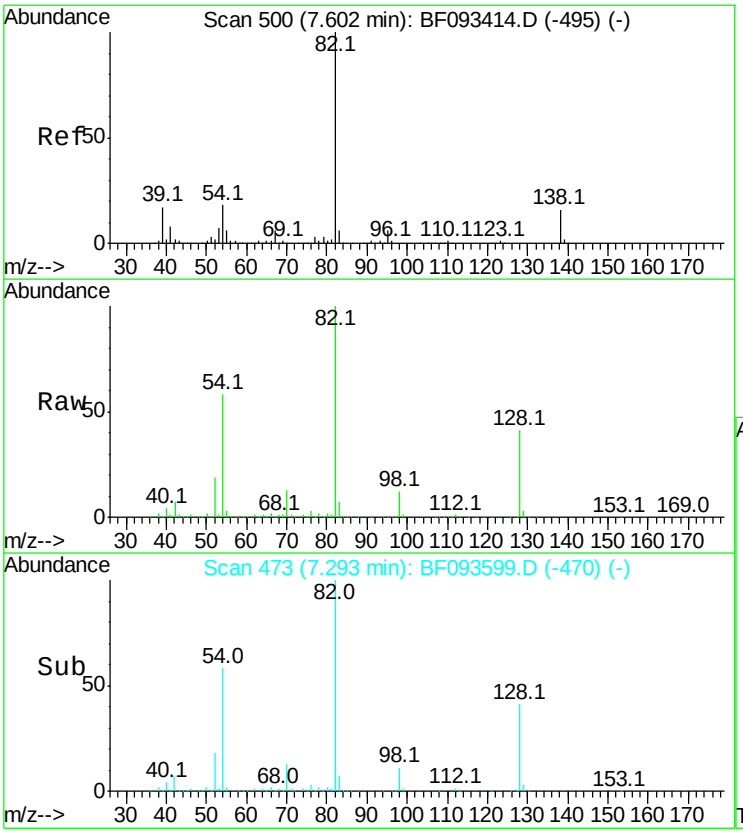
#23
Nitrobenzene-d5
Concen: 55.78 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion: 82 Resp: 623723

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	58.1	39.5	59.3

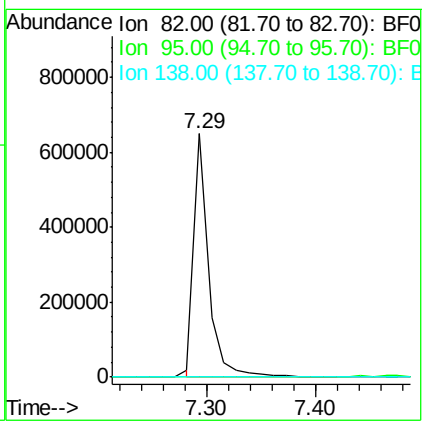


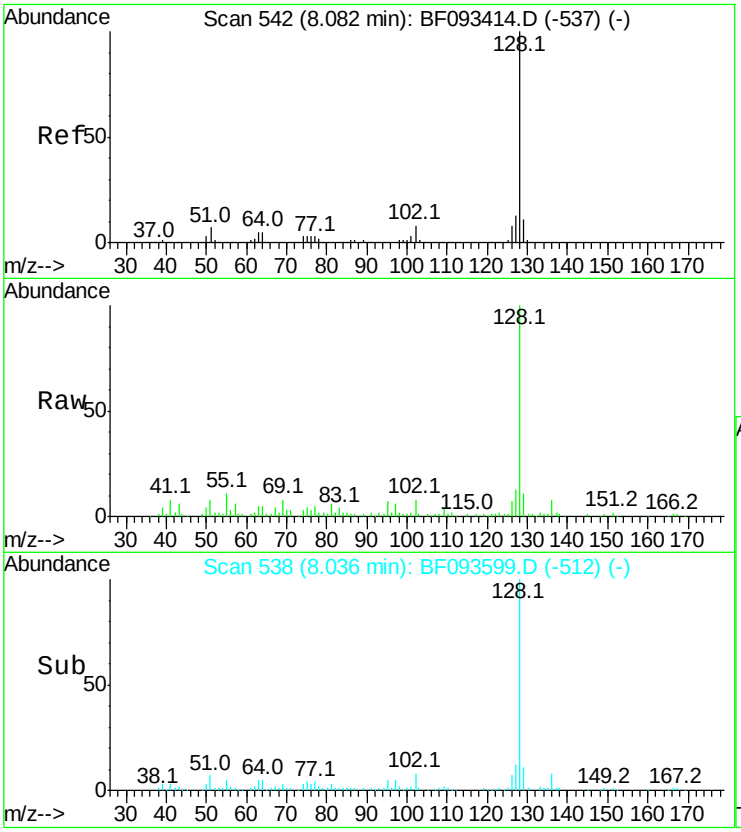


#25
Isophorone
Concen: 26.71 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.26 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion: 82 Resp: 602251

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



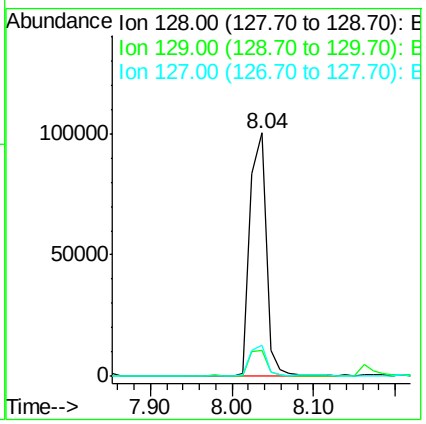


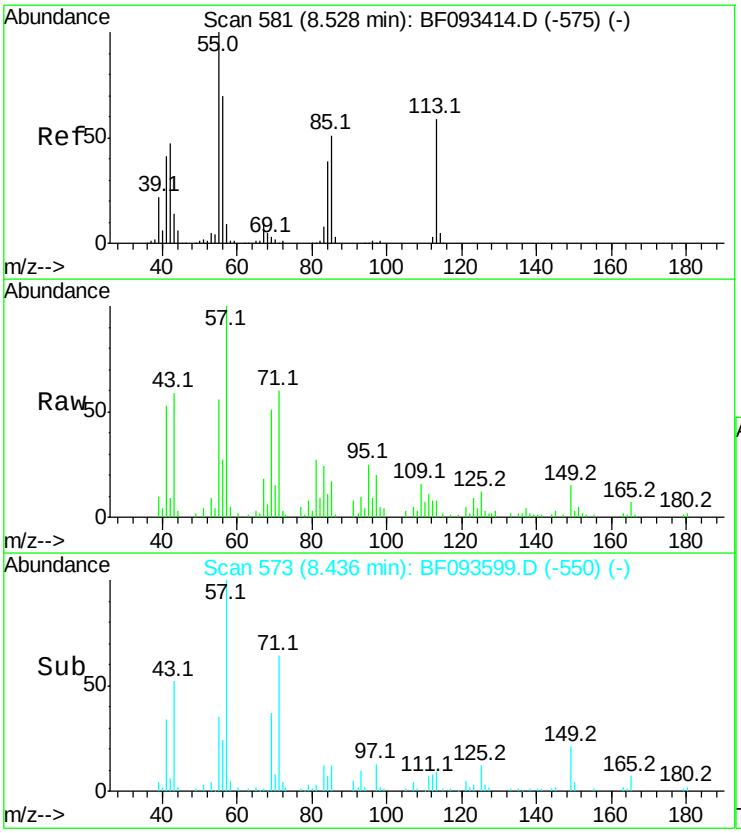
#31
Naphthalene
Concen: 4.50 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:128 Resp: 139986

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.5	14.3
127	12.8	10.8	16.2

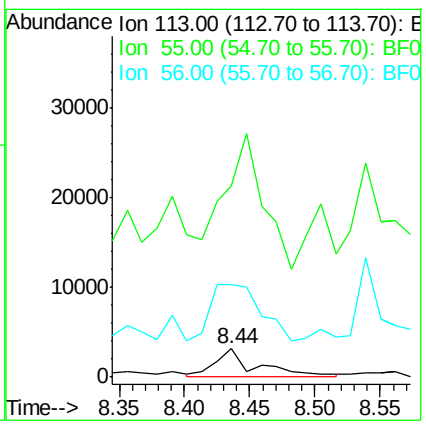


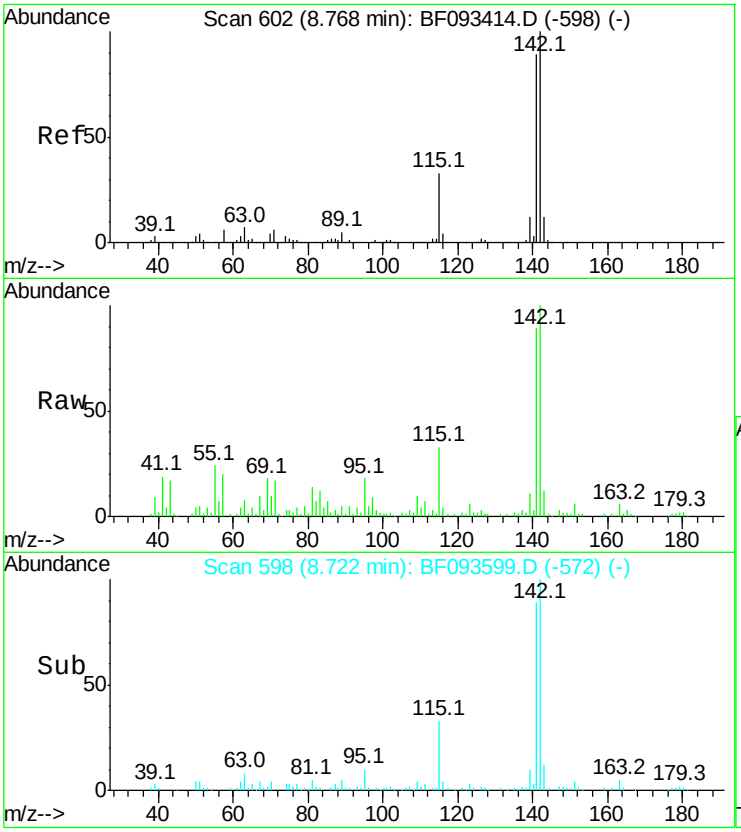


#35
Caprolactam
Concen: 2.35 ng
RT: 8.44 min Scan# 573
Delta R.T. -0.03 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:113 Resp: 7039

Ion	Ratio	Lower	Upper
113	100		
55	684.6	119.2	159.2#
56	333.0	83.8	123.8#



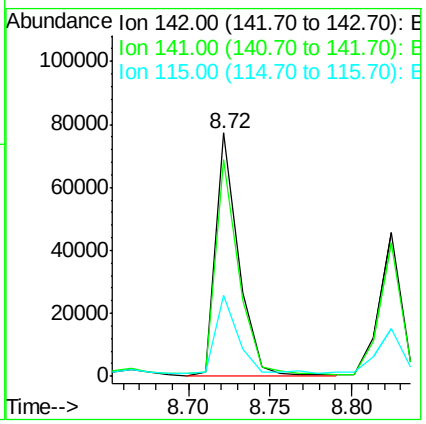


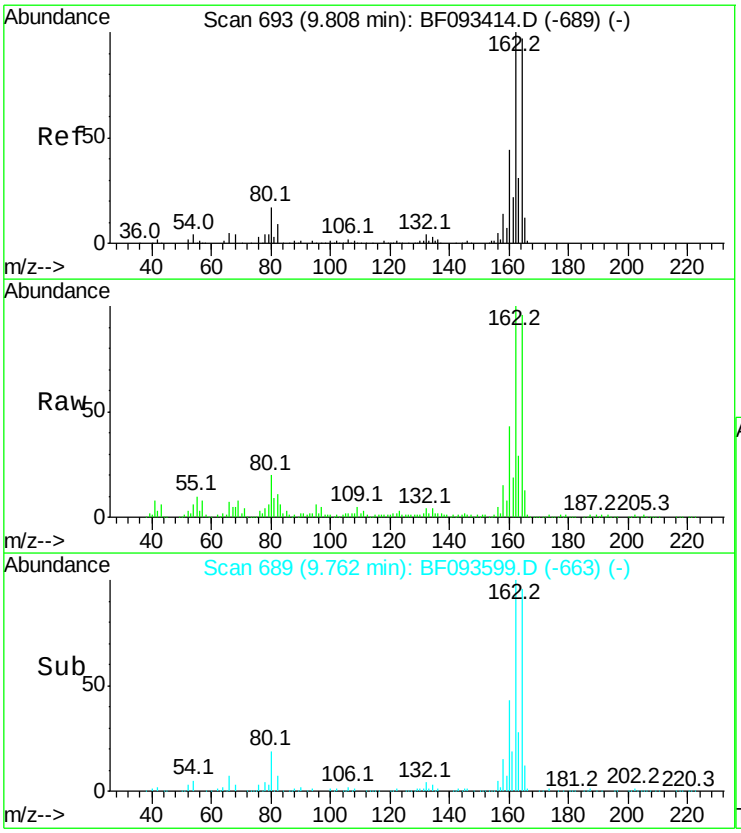
#37
2-Methylnaphthalene
Concen: 3.86 ng
RT: 8.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:142 Resp: 76273

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	33.2	28.3	42.5

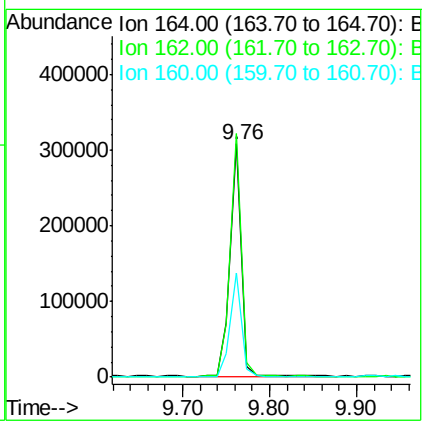


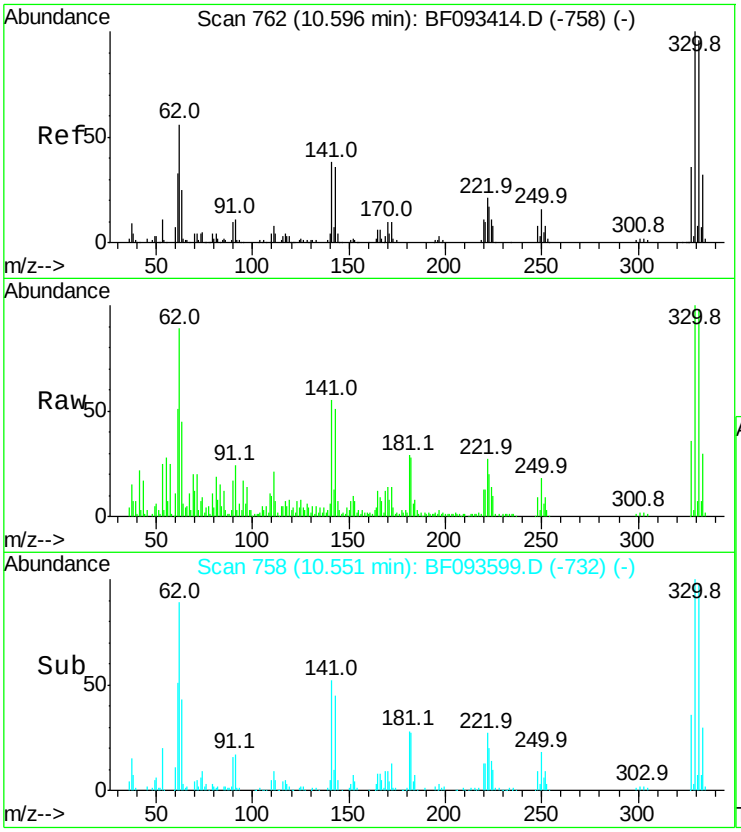


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:164 Resp: 273899

Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.2	120.2
160	44.7	36.9	55.3



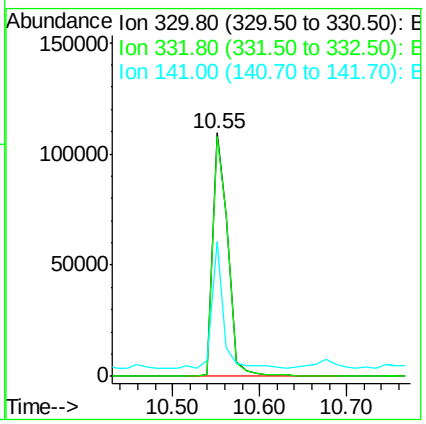


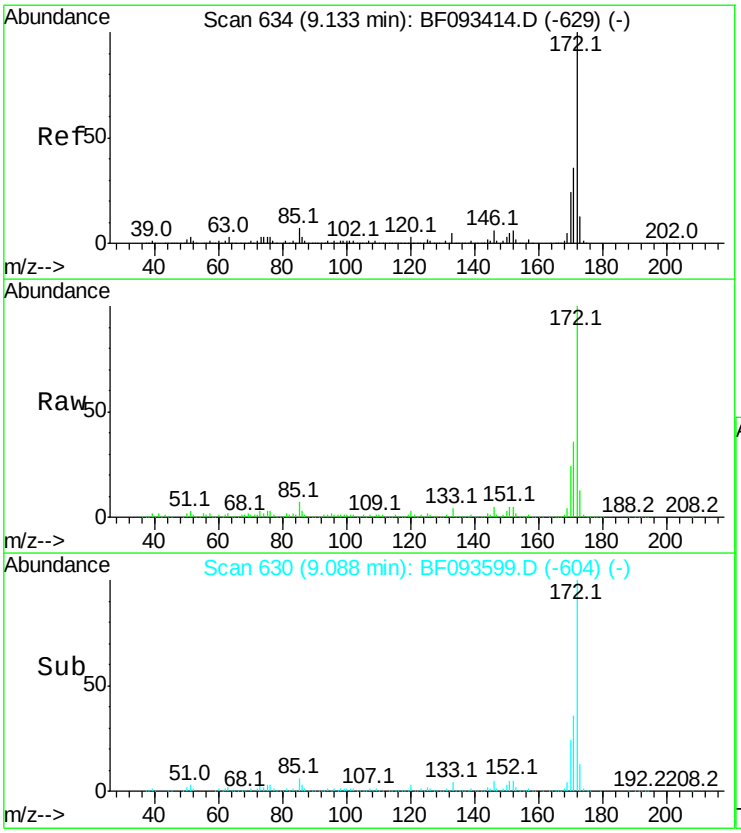
#41
2,4,6-Tribromophenol
Concen: 75.12 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:330 Resp: 134055

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.4	116.2
141	40.3	34.1	51.1

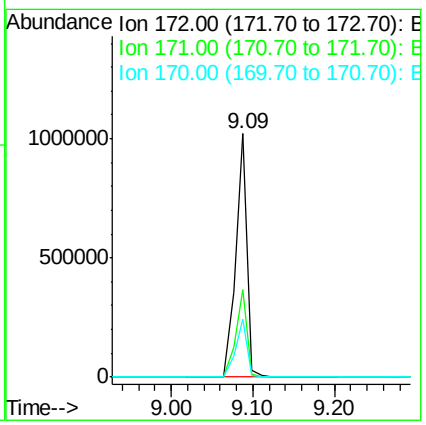


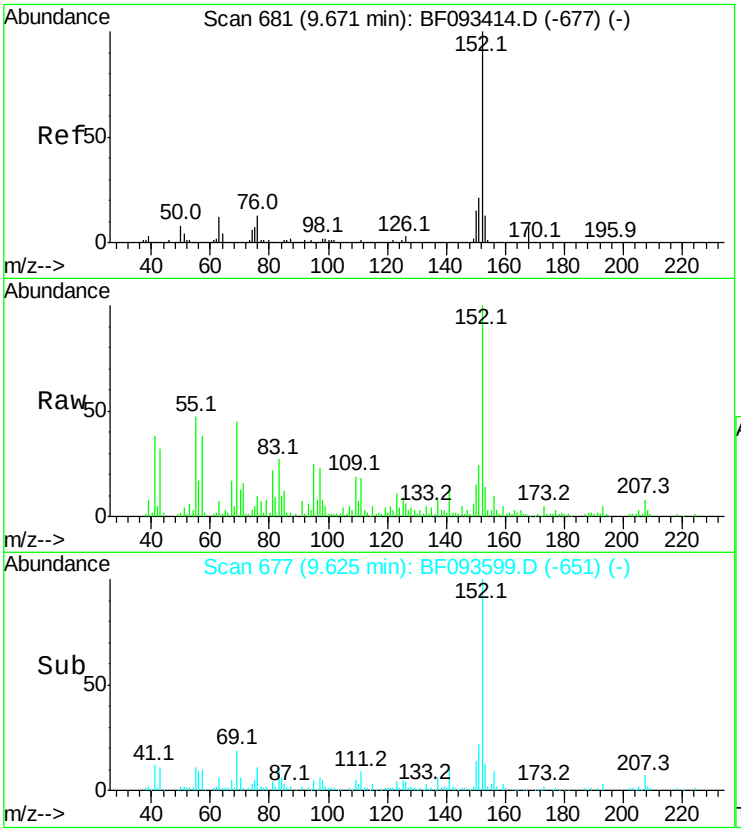


#44
2-Fluorobiphenyl
Concen: 66.59 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:172 Resp: 980582

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.1	20.2	30.4



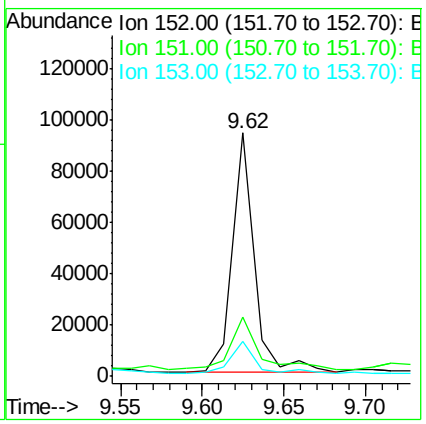


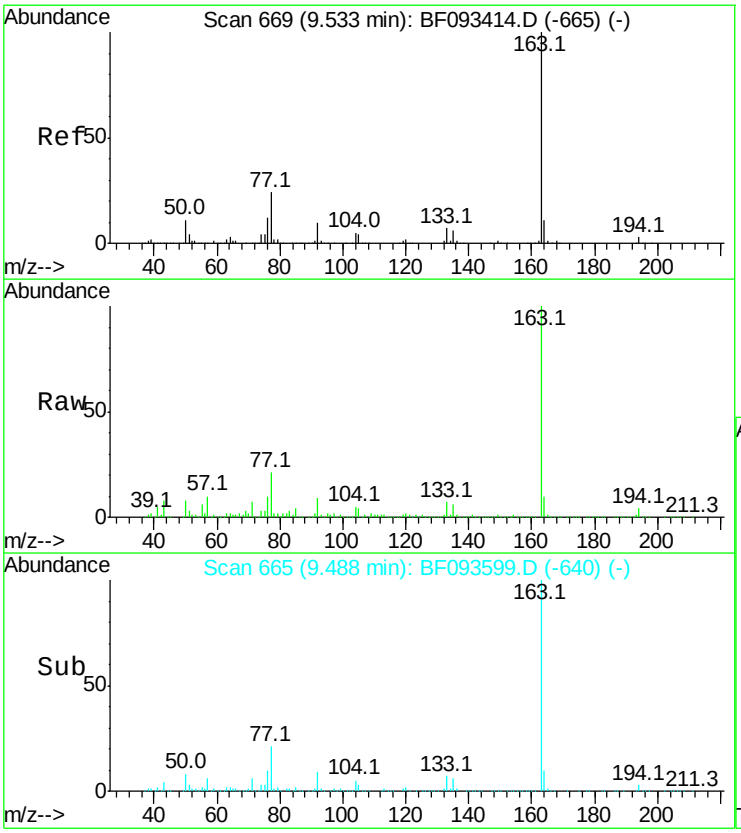
#48
Acenaphthylene
Concen: 3.44 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:152 Resp: 86709

Ion	Ratio	Lower	Upper
152	100		
151	24.3	16.9	25.3
153	14.3	11.4	17.2

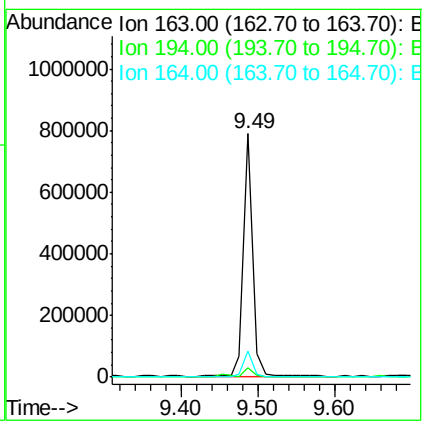


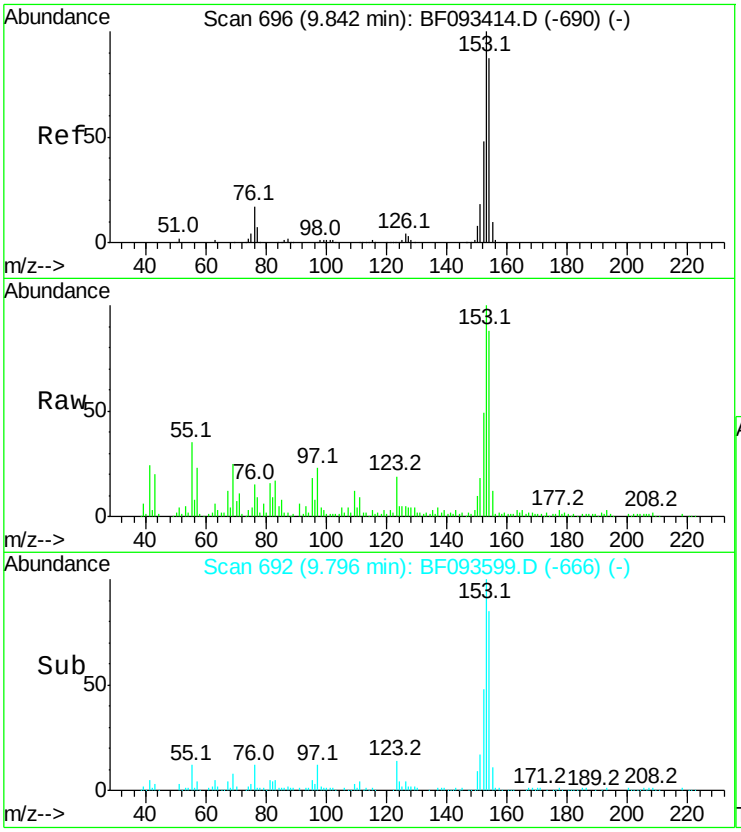


#49
Dimethylphthalate
Concen: 35.99 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:163 Resp: 653595

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.5	8.0	12.0



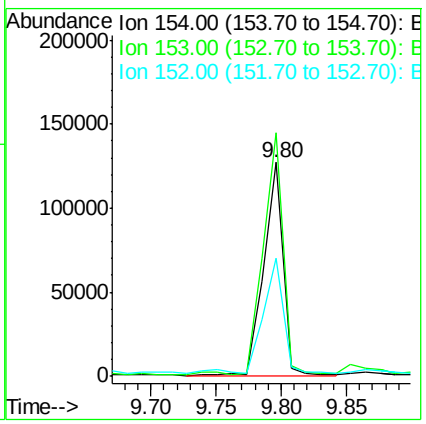


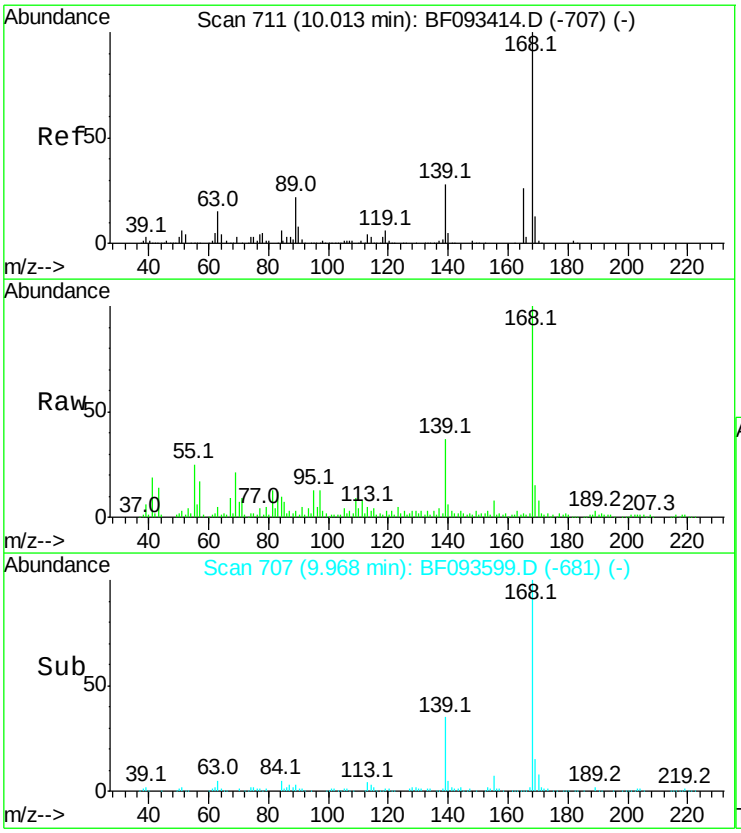
#51
Acenaphthene
Concen: 8.85 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:154 Resp: 131888

Ion	Ratio	Lower	Upper
154	100		
153	113.9	88.6	133.0
152	55.4	41.6	62.4

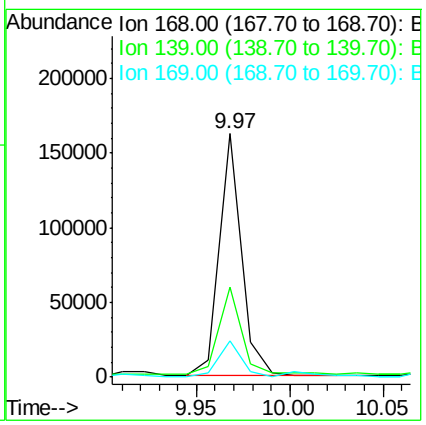


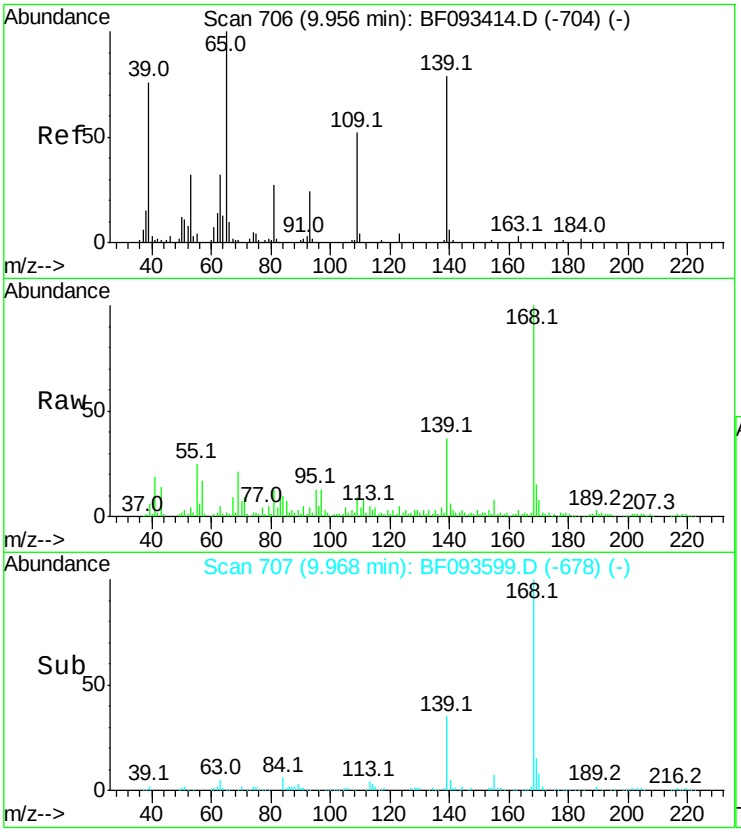


#54
Dibenzofuran
Concen: 7.31 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:168 Resp: 136253

Ion	Ratio	Lower	Upper
168	100		
139	36.9	32.6	49.0
169	15.0	11.3	16.9



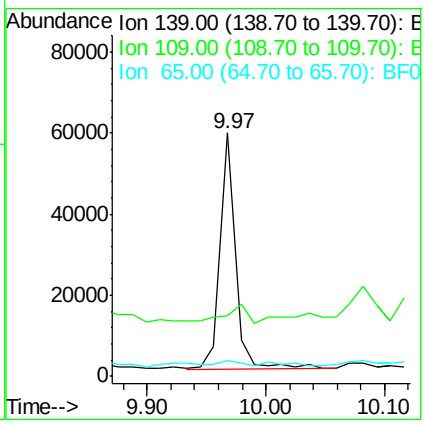


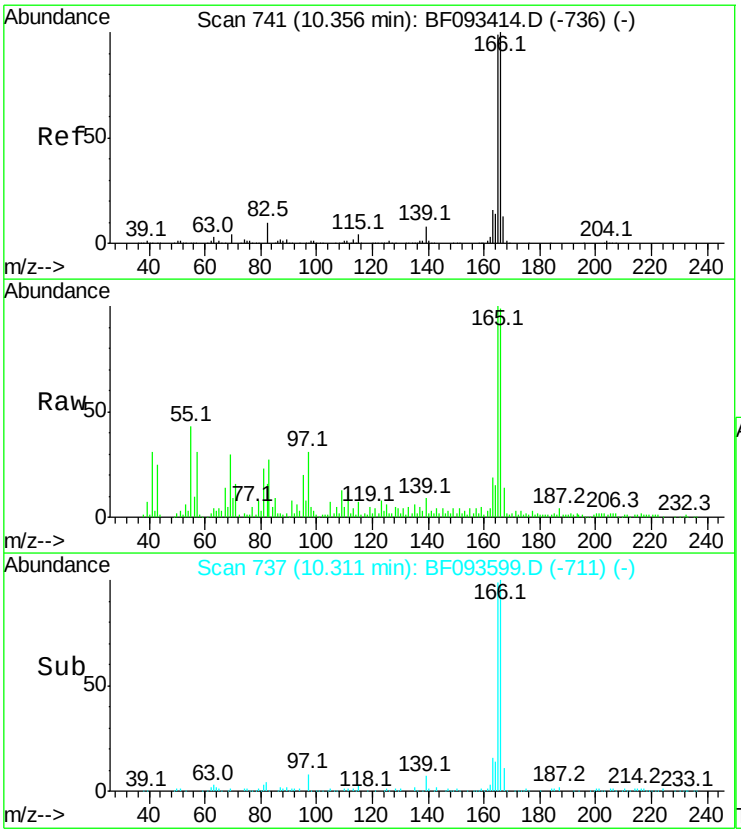
#55
4-Nitrophenol
Concen: 22.63 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:139 Resp: 52612

Ion	Ratio	Lower	Upper
139	100		
109	25.0	52.2	92.2#
65	6.6	85.8	125.8#

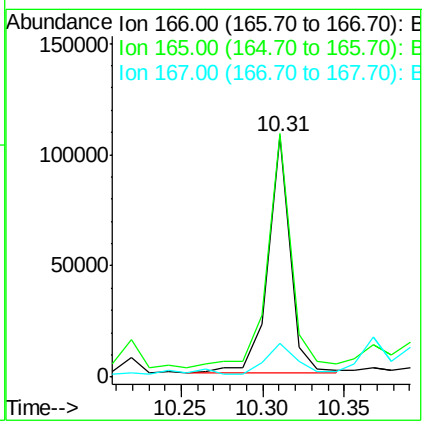


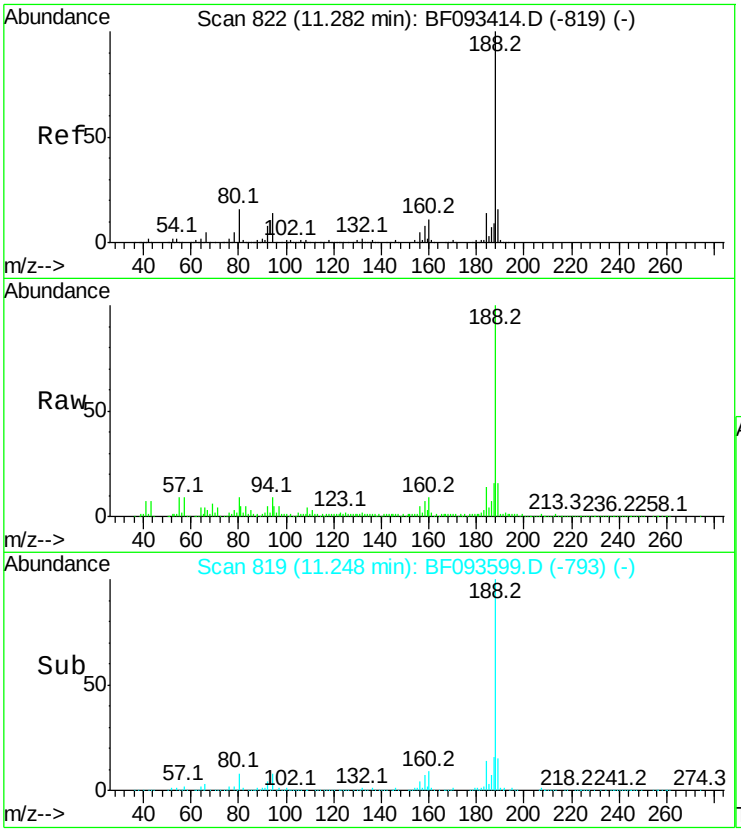


#57
Fluorene
Concen: 6.42 ng
RT: 10.31 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:166 Resp: 101496

Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.8	116.8
167	14.0	10.8	16.2



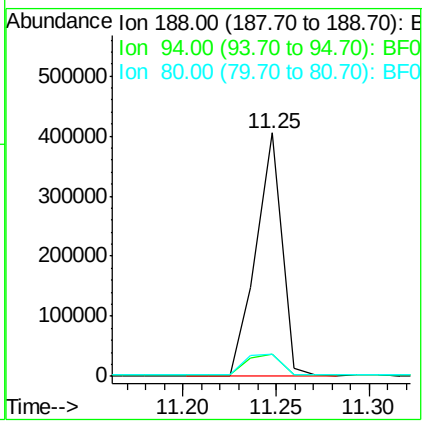


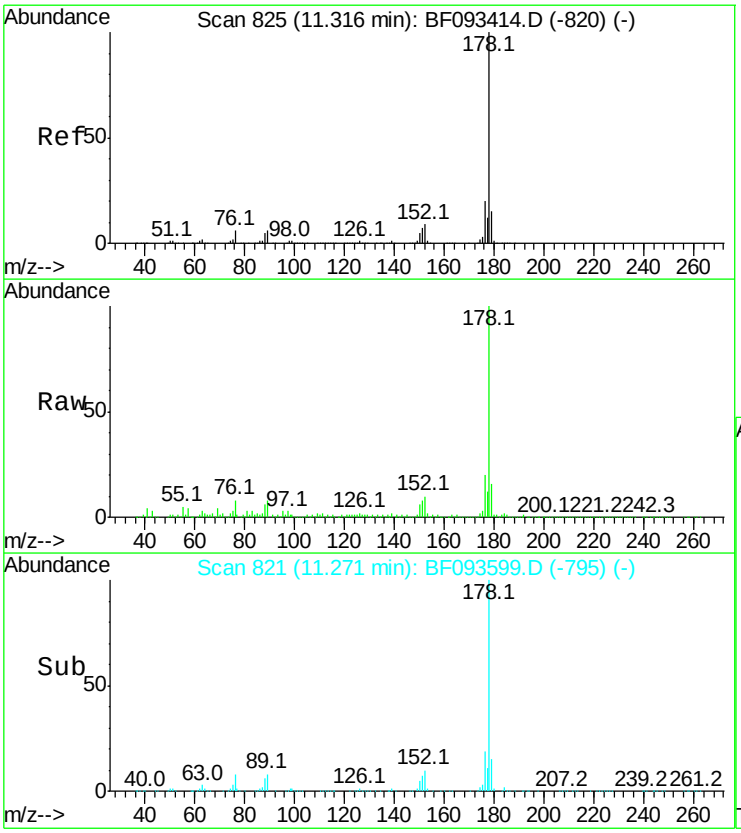
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:188 Resp: 390224

Ion	Ratio	Lower	Upper
188	100		
94	8.9	10.0	15.0#
80	9.2	11.2	16.8#

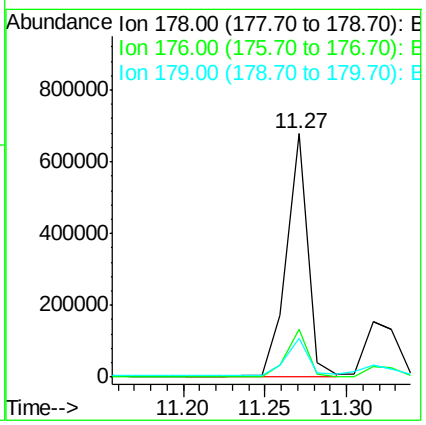


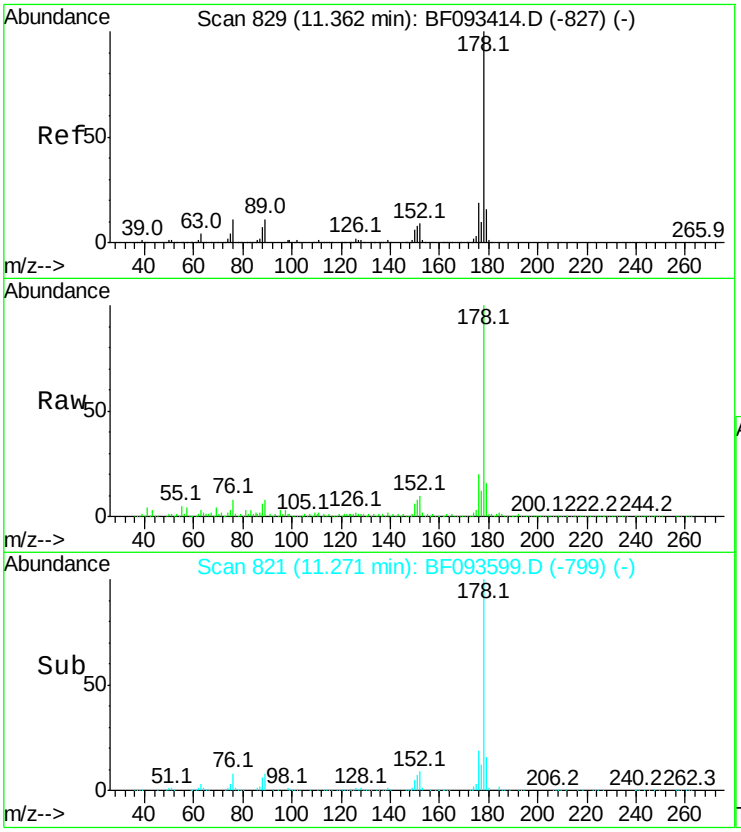


#70
Phenanthrene
Concen: 27.59 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:178 Resp: 614447

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	16.1	12.8	19.2



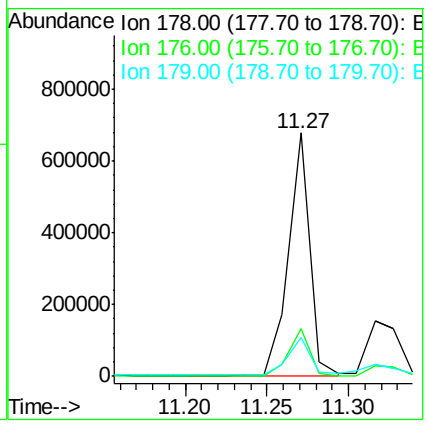


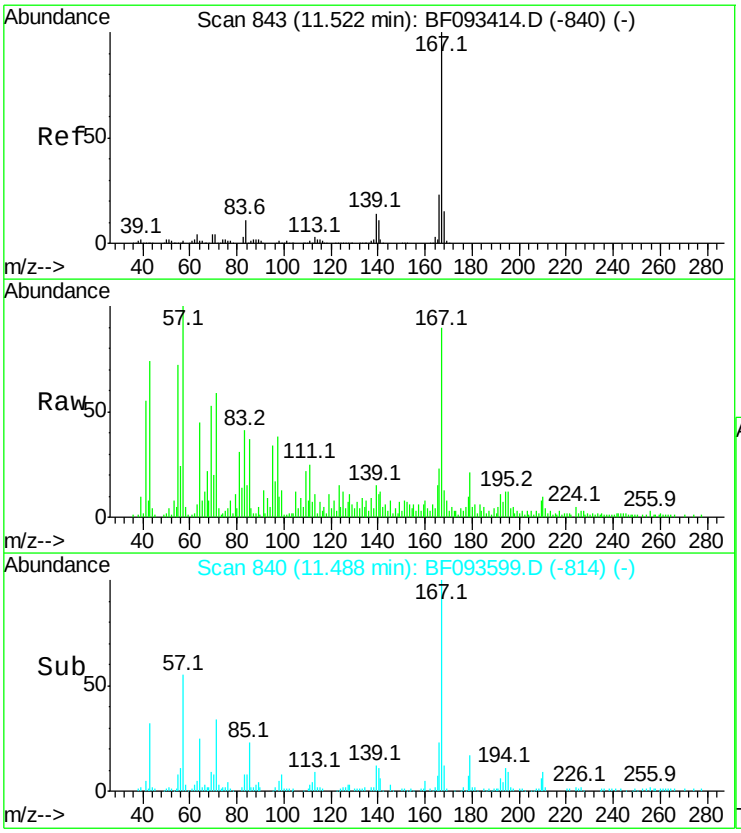
#71
Anthracene
Concen: 27.27 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.05 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:178 Resp: 614447

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.1	13.2	19.8

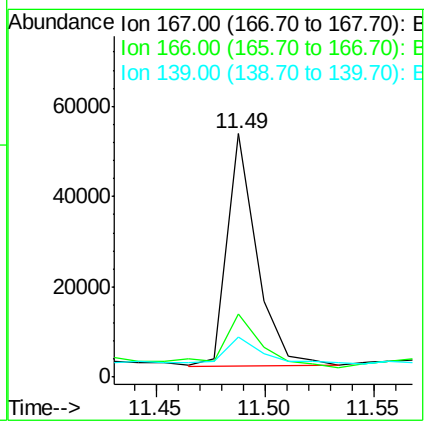


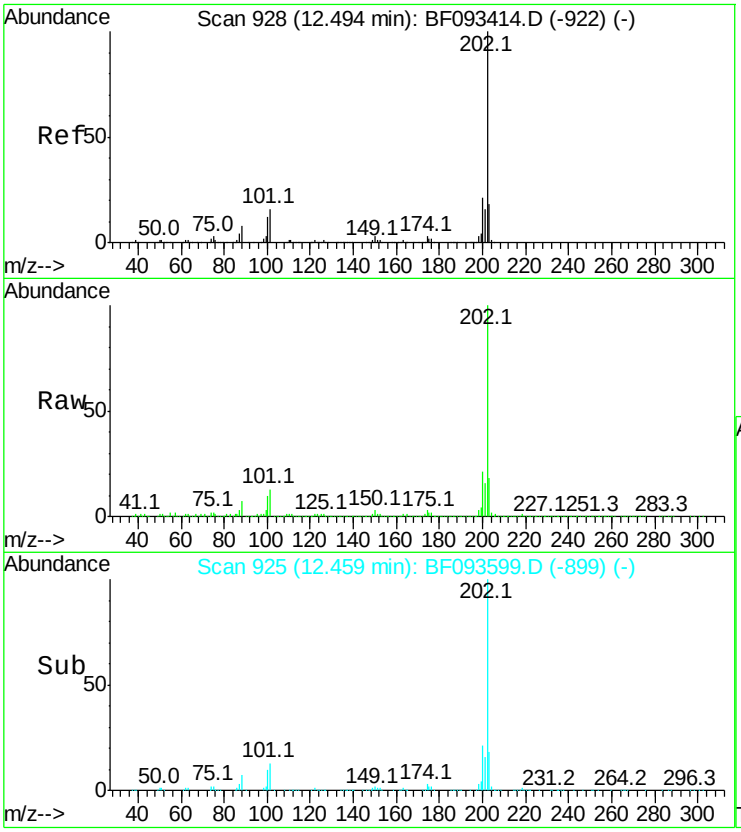


#72
Carbazole
Concen: 2.29 ng
RT: 11.49 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:167 Resp: 48510

Ion	Ratio	Lower	Upper
167	100		
166	25.8	18.2	27.2
139	16.6	11.4	17.2



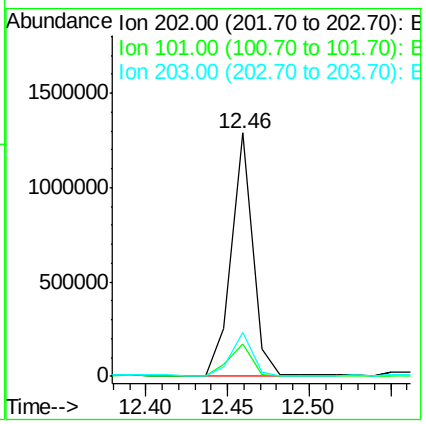


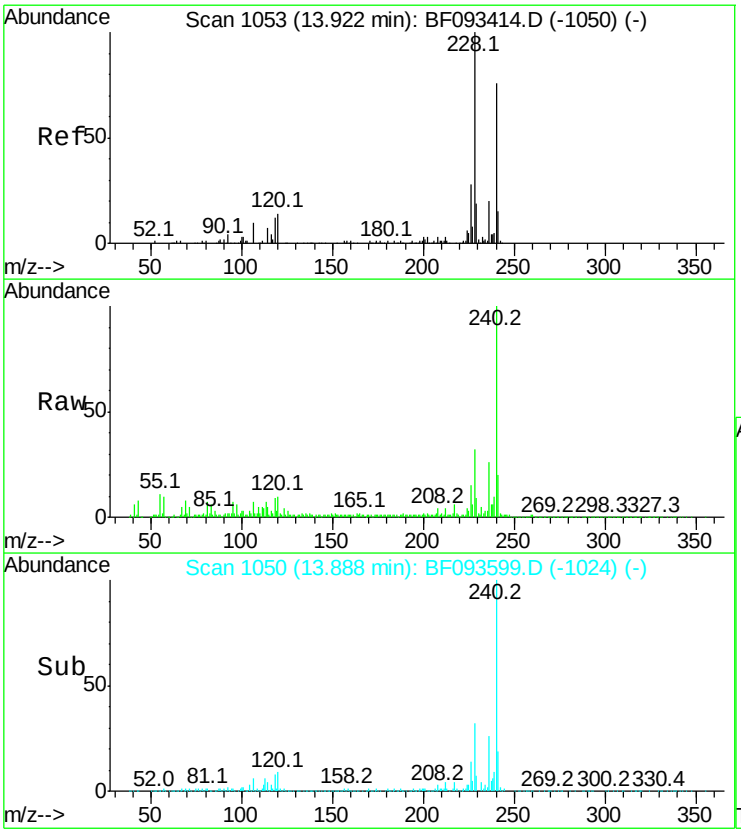
#74
Fluoranthene
Concen: 54.17 ng
RT: 12.46 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:202 Resp: 1165531

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.6
203	17.9	0.0	38.7

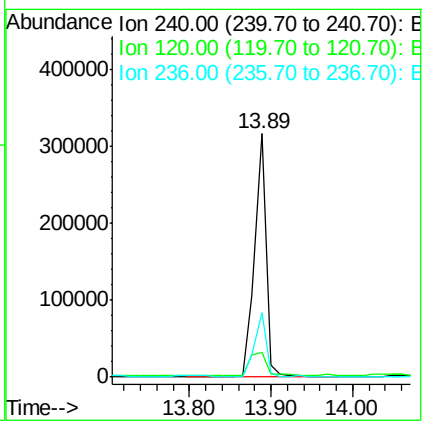


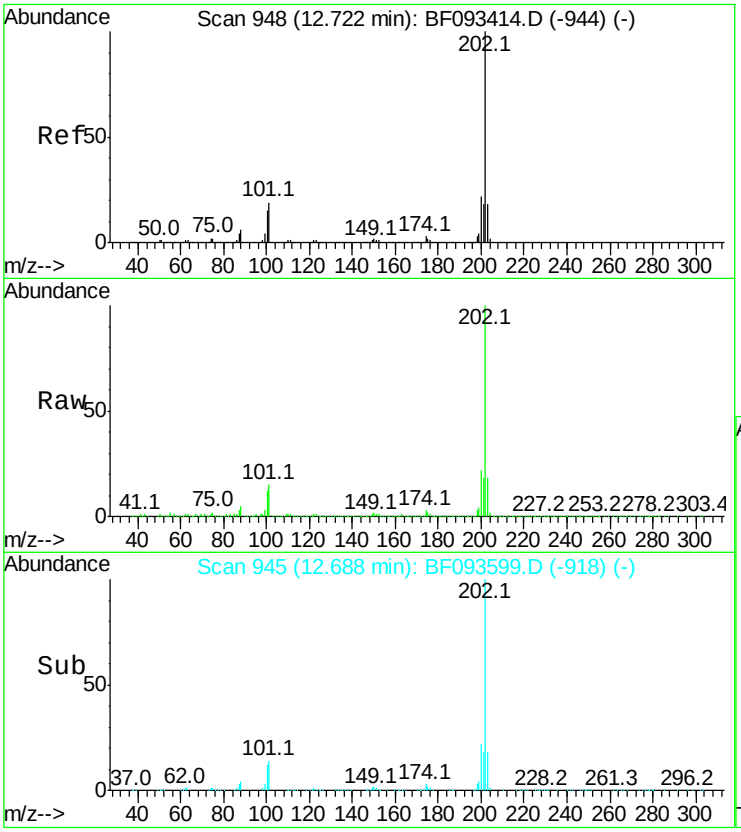


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:240 Resp: 307248

Ion	Ratio	Lower	Upper
240	100		
120	10.0	12.9	19.3#
236	26.2	20.9	31.3



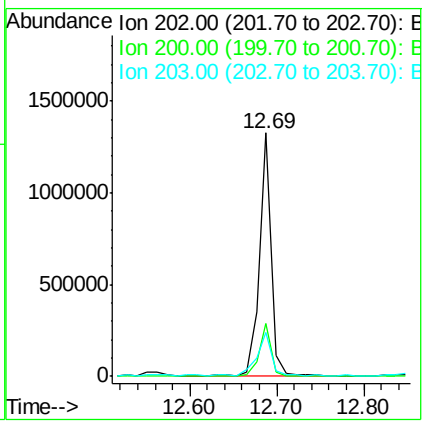


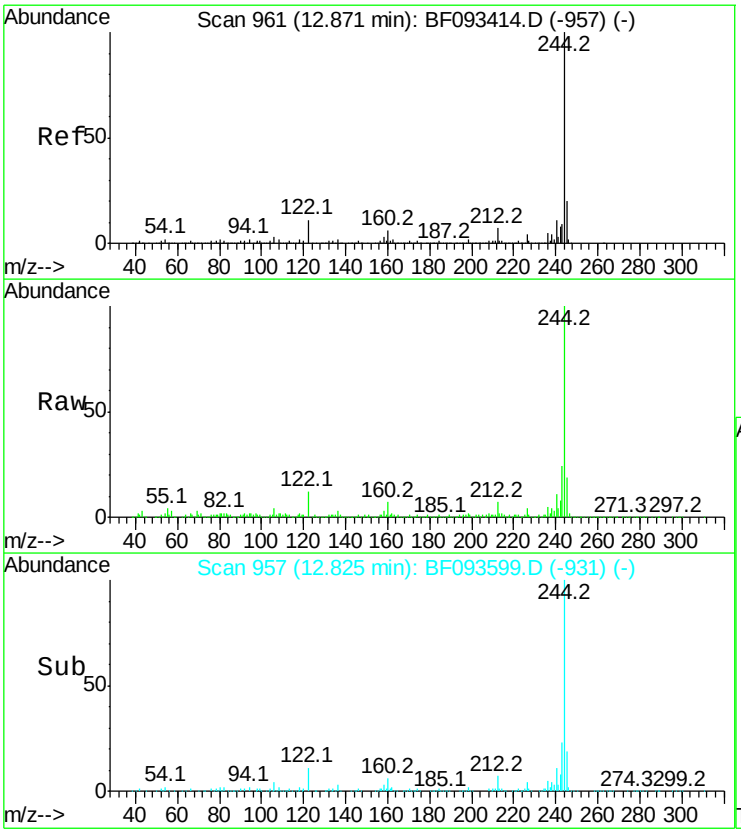
#77
Pyrene
Concen: 56.47 ng
RT: 12.69 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:202 Resp: 1261760

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.9	14.7	22.1

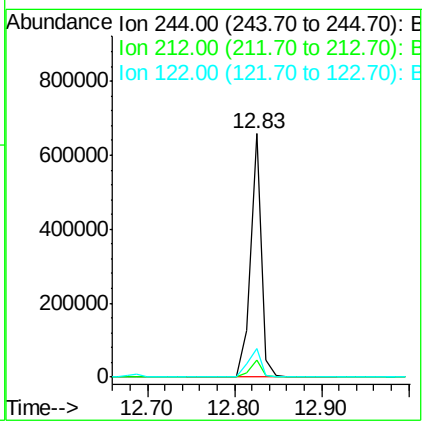


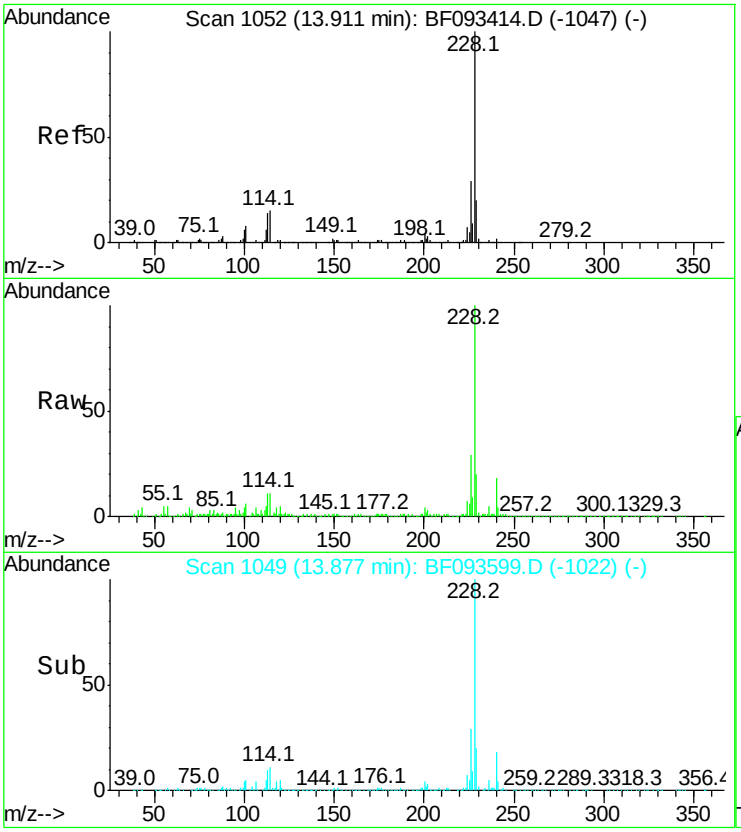


#78
Terphenyl-d14
Concen: 48.64 ng
RT: 12.83 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:244 Resp: 574757

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	11.7	11.4	17.2



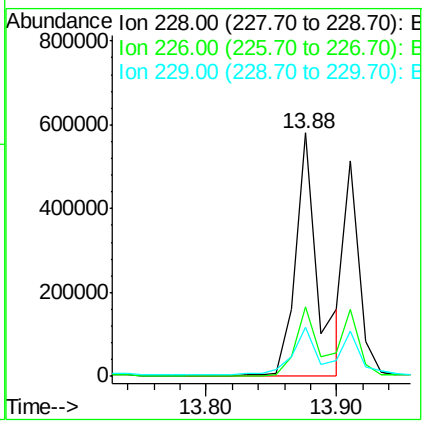


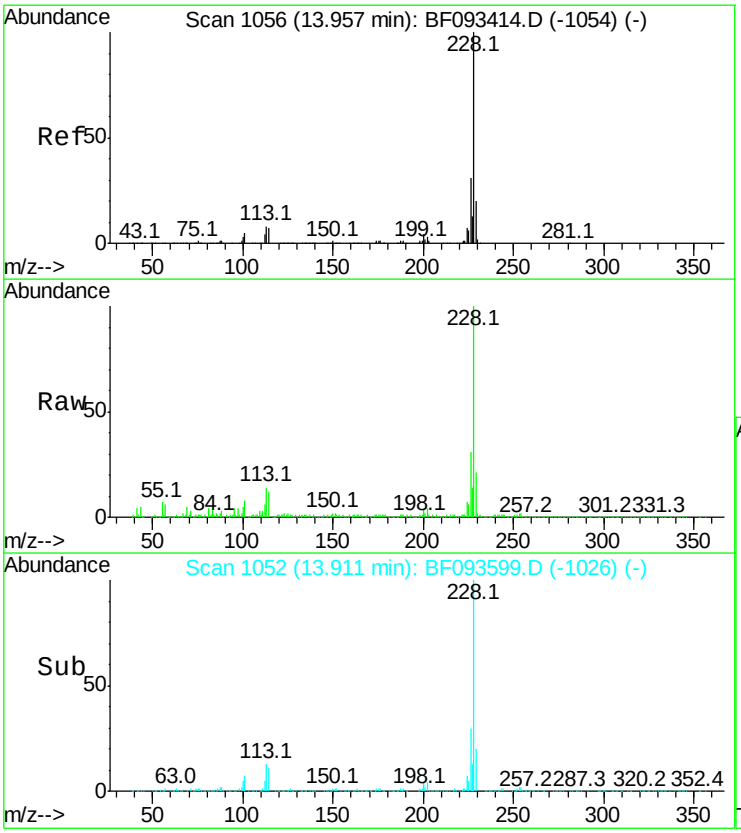
#80
Benzo(a)anthracene
Concen: 38.00 ng
RT: 13.88 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:228 Resp: 689574

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.4	33.6
229	20.0	16.2	24.4

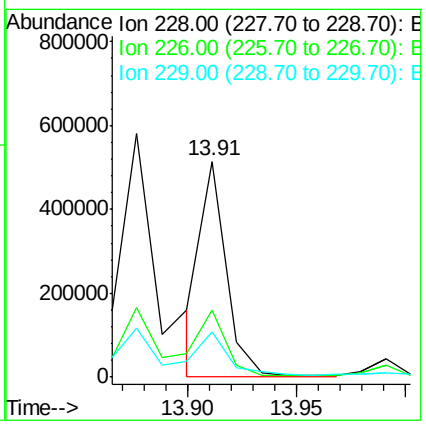


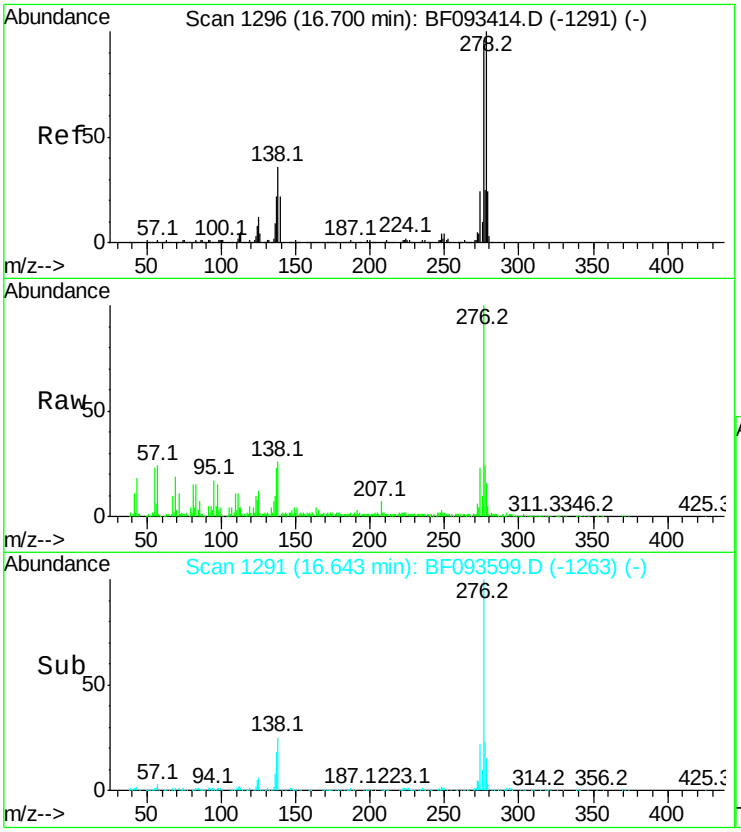


#82
Chrysene
Concen: 25.00 ng
RT: 13.91 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:228 Resp: 419655

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	21.0	16.2	24.2



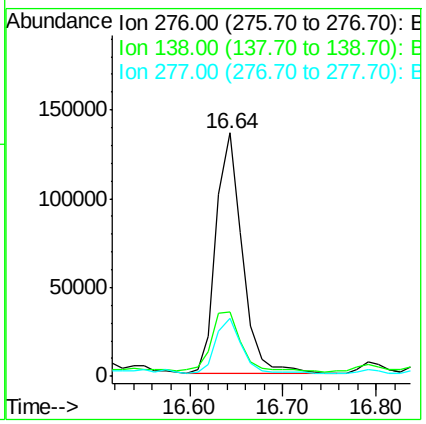


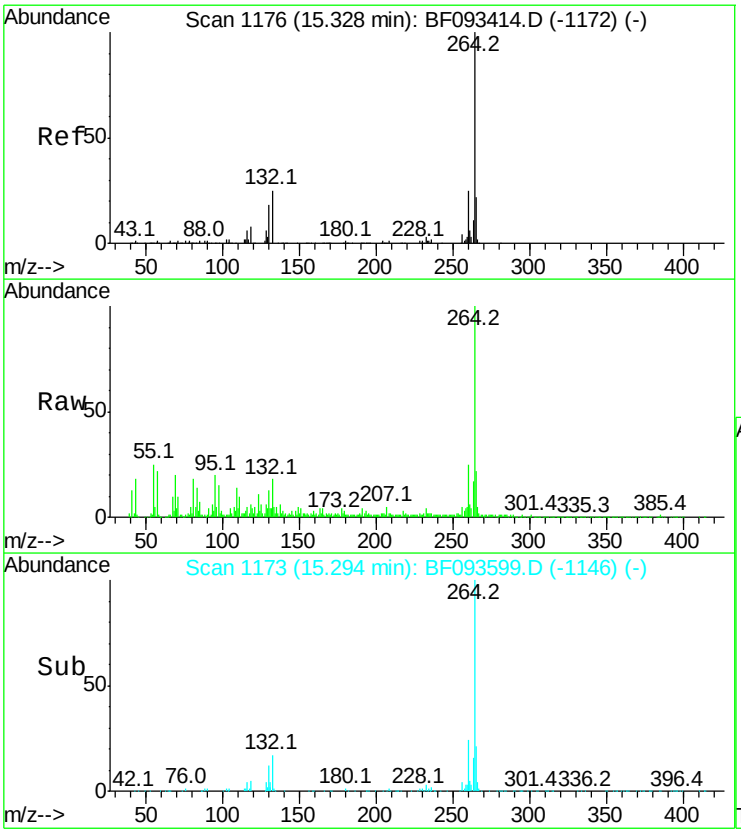
#85
Indeno(1,2,3-cd)pyrene
Concen: 18.75 ng
RT: 16.64 min Scan# 1291
Delta R.T. 0.02 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:276 Resp: 263533

Ion	Ratio	Lower	Upper
276	100		
138	28.7	21.8	32.6
277	23.3	20.2	30.4

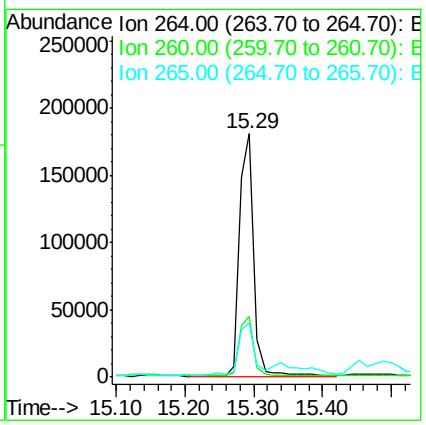


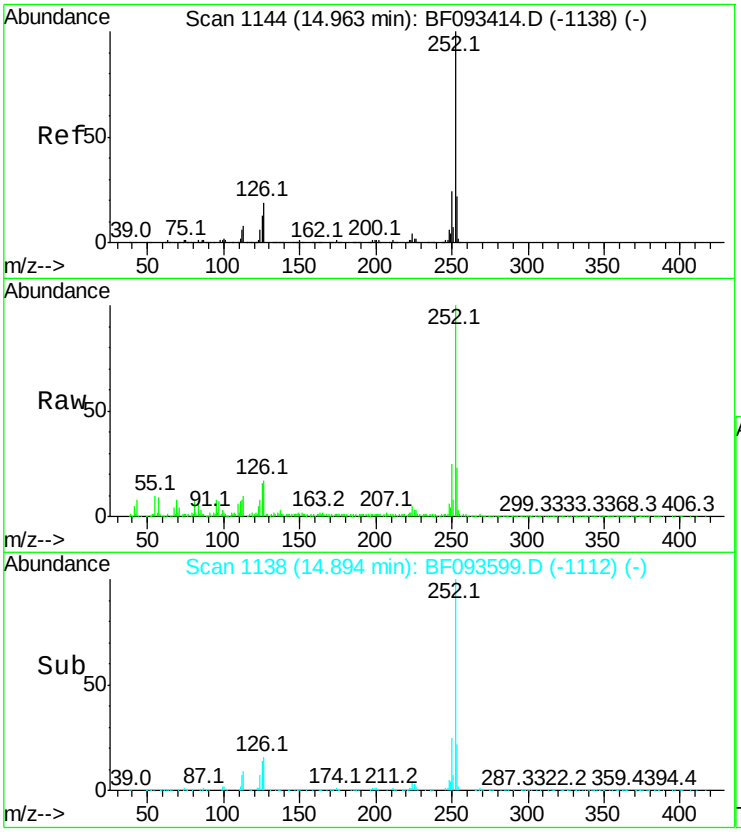


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:264 Resp: 260911

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.1	17.4	26.0



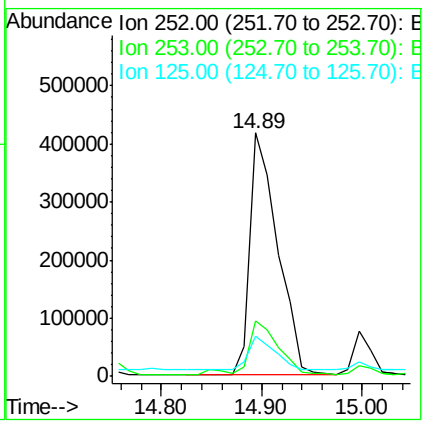


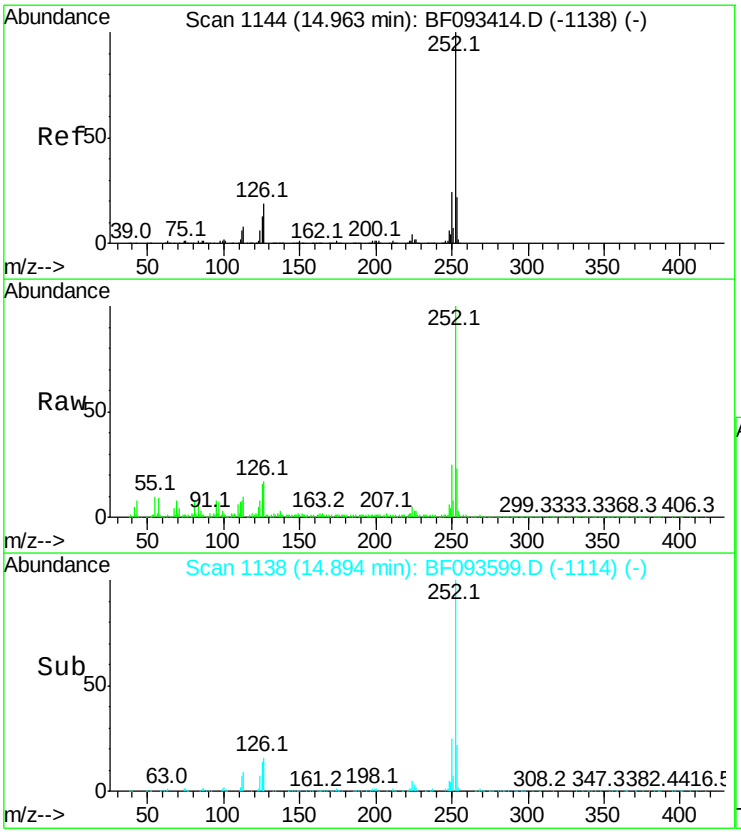
#87
Benzo(b)fluoranthene
Concen: 50.48 ng
RT: 14.89 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:252 Resp: 802207

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	16.3	9.8	14.6#

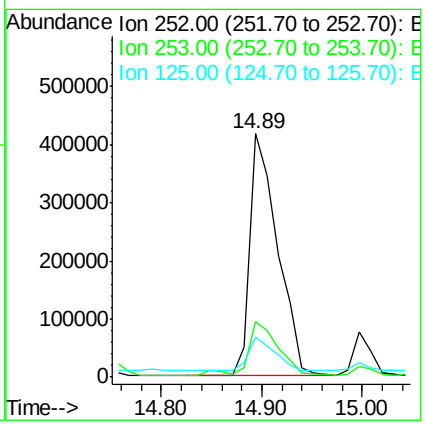


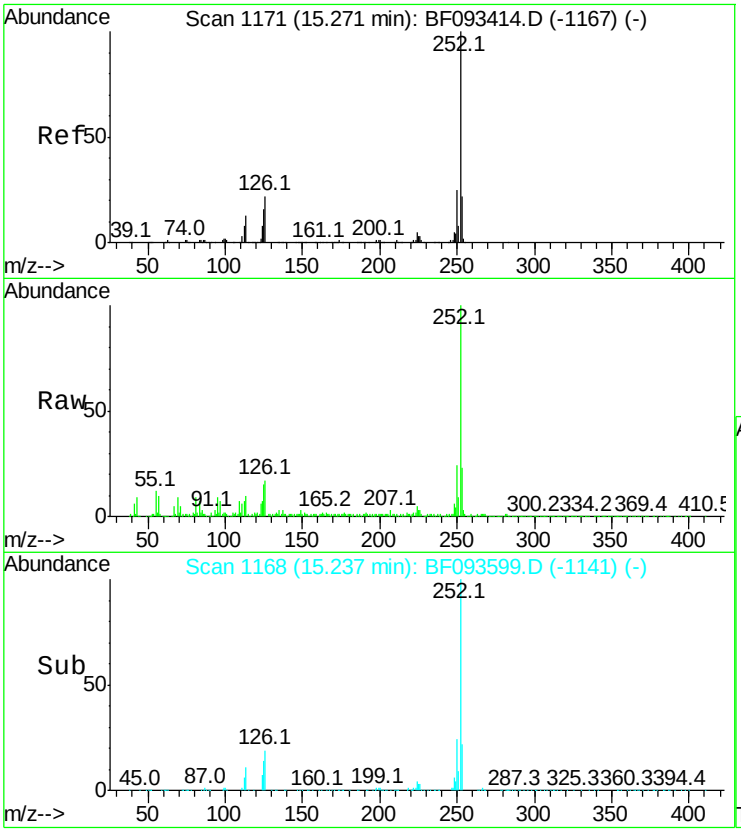


#88
Benzo(k)fluoranthene
Concen: 52.35 ng
RT: 14.89 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:252 Resp: 802207

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	16.3	8.9	13.3#



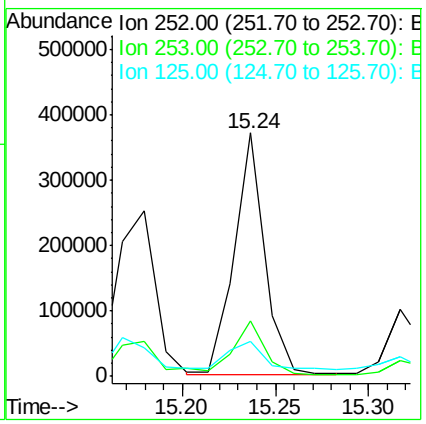


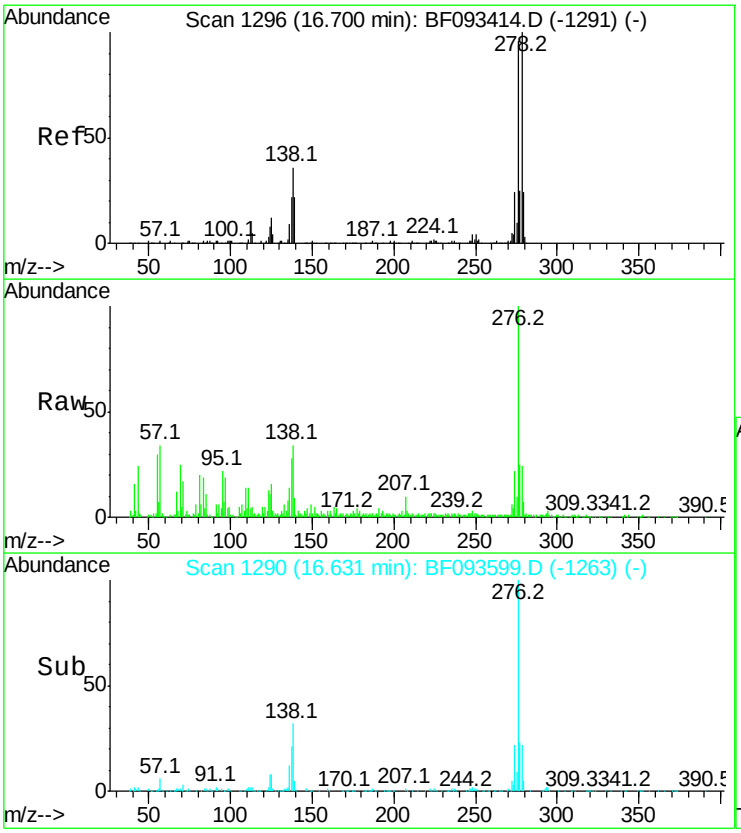
#89
Benzo(a)pyrene
Concen: 29.13 ng
RT: 15.24 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:252 Resp: 423059

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	14.6	10.0	15.0

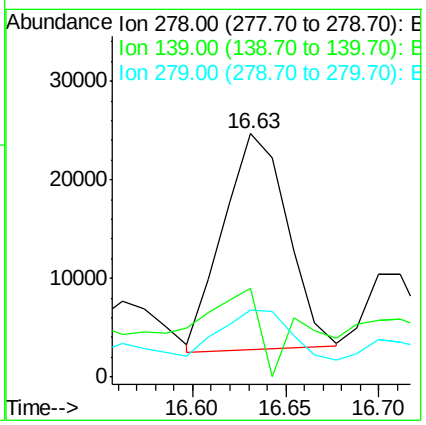


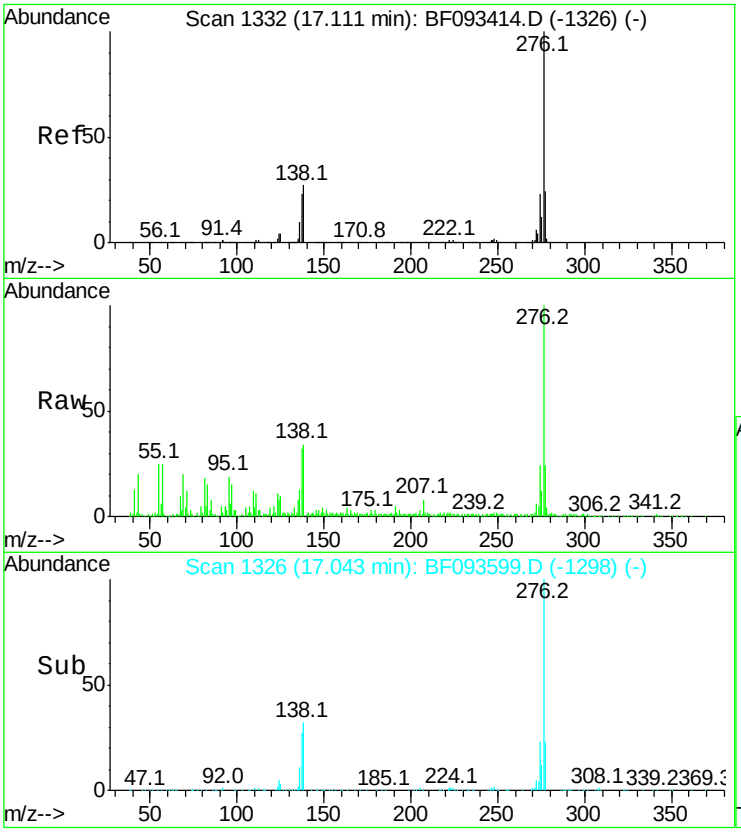


#90
Dibenzo(a,h)anthracene
Concen: 4.36 ng
RT: 16.63 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Tgt Ion:278 Resp: 52362

Ion	Ratio	Lower	Upper
278	100		
139	36.4	14.8	22.2#
279	27.7	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 21.44 ng
RT: 17.04 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF093599.D
Acq: 12 Mar 2017 9:00

Instrument :
BNA_F
ClientSampleId :
HY-SB422ADL

Tgt Ion:276 Resp: 264410

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	34.1	16.0	24.0#