Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093454.D
Acq On : 9 Mar 2017 3:01
Operator : SJ/MA
Sample : I2136-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-31-20170306

Quant Time: Mar 09 04:13:00 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	157450	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	600567	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	247156	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	369235	20.00	ng		0.01
75) Chrysene-d12	13.93	240	360660	20.00	ng		0.01
86) Perylene-d12	15.35	264	299750	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	518949	54.86	ng		0.01
7) Phenol-d6	6.42	99	676789	56.73	ng		0.01
23) Nitrobenzene-d5	7.34	82	402715	37.21	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	87617	54.41	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	703955	52.98	ng		0.00
78) Terphenyl-d14	12.87	244	489671	35.30	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	53070	6.47	ng	#	79
25) Isophorone	7.34	82	371826	17.03	ng	#	65
48) Acenaphthylene	9.67	152	102122	4.49	ng		98
49) Dimethylphthalate	9.53	163	176032	10.74	ng		100
57) Fluorene	10.36	166	38435	2.70	ng		98
70) Phenanthrene	11.32	178	692209	32.84	ng		98
71) Anthracene	11.37	178	132535	6.22	ng		97
72) Carbazole	11.53	167	47807	2.39	ng		99
74) Fluoranthene	12.50	202	893946	43.91	ng		98
77) Pyrene	12.73	202	981158	37.41	ng		99
80) Benzo(a)anthracene	13.92	228	583298	27.39	ng		98
82) Chrysene	13.97	228	499049	25.33	ng		98
85) Indeno(1,2,3-cd)pyrene	16.73	276	176107	10.68	ng		96
87) Benzo(b)fluoranthene	14.96	252	706609	38.71	ng		98
88) Benzo(k)fluoranthene	14.96	252	706609	40.14	ng	#	97
89) Benzo(a)pyrene	15.29	252	365161	21.89	ng	#	94
90) Dibenzo(a,h)anthracene	16.73	278	45595	3.30	ng	#	85
91) Benzo(g,h,i)perylene	17.16	276	166506	11.75	ng	#	93

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

Quantitation Report (Not Reviewed)

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POSTEX-31-20170306

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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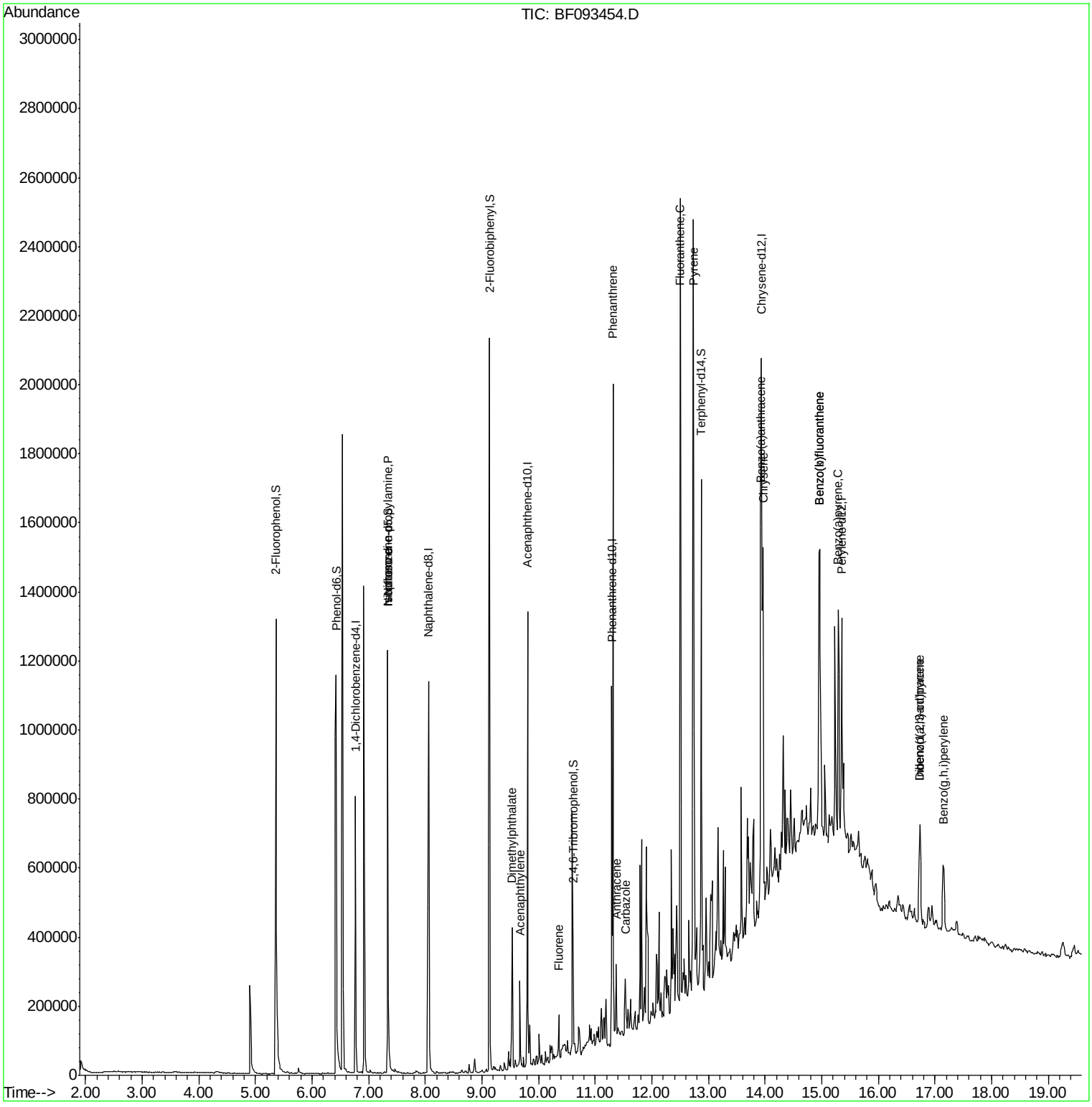
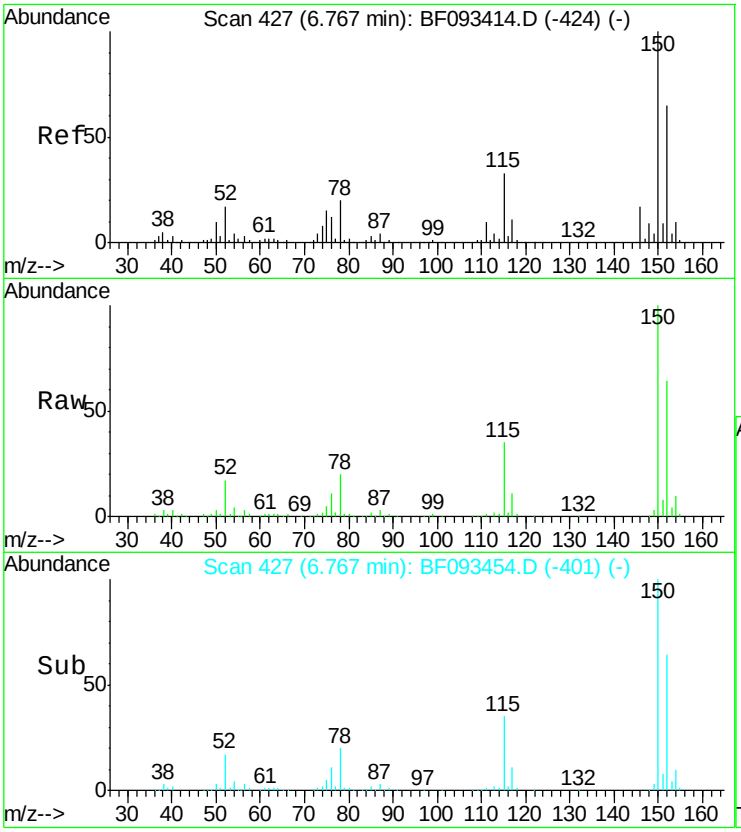


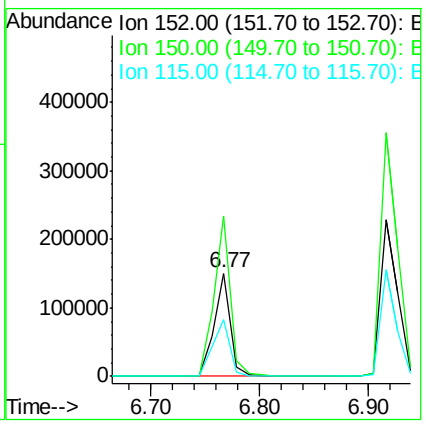


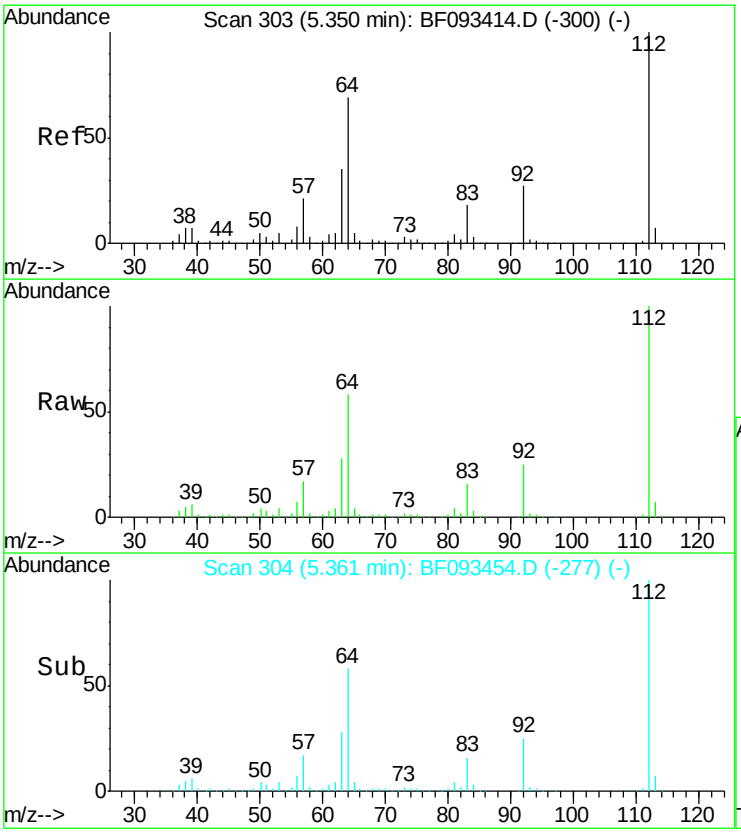
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:152 Resp: 157450

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	54.6	46.0	69.0

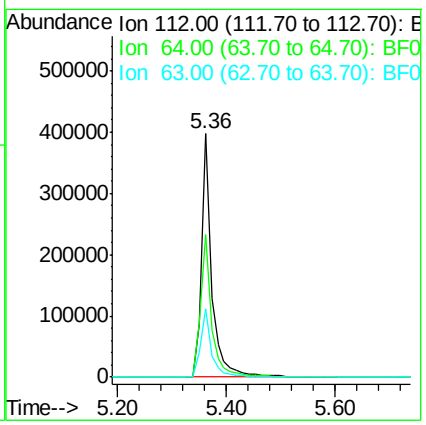


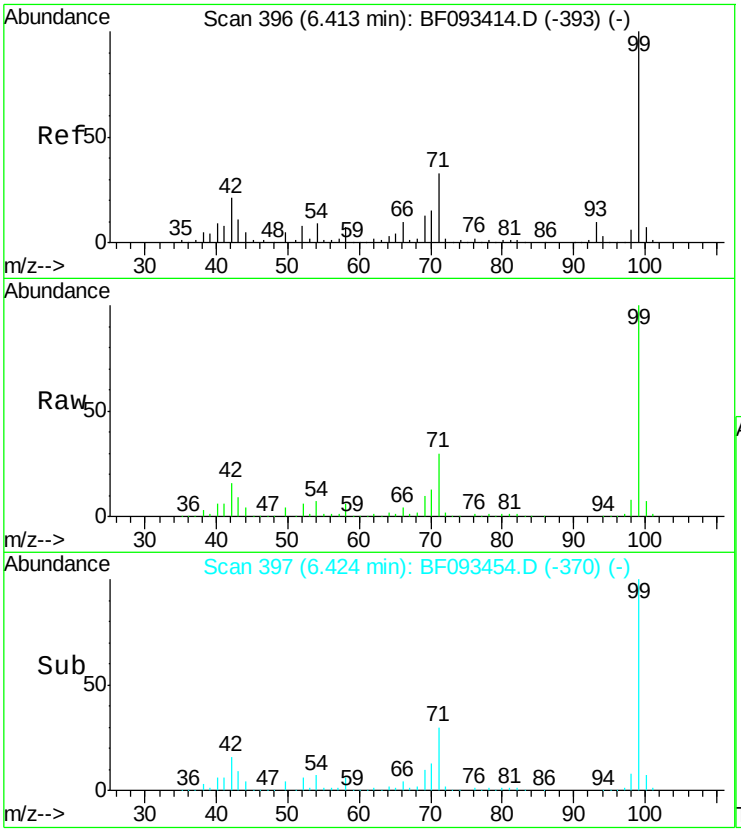


#5
2-Fluorophenol
Concen: 54.86 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:112 Resp: 518949

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.1	69.1
63	28.2	23.8	35.6



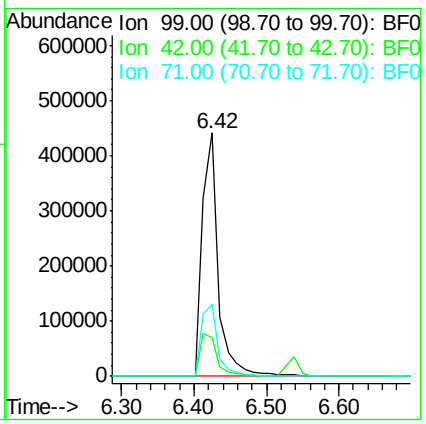


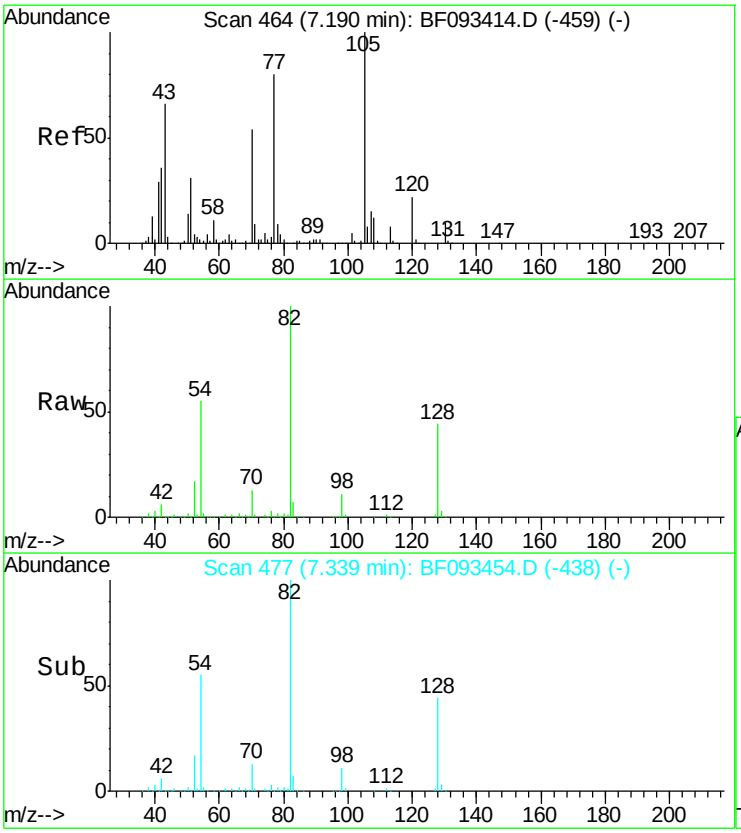
#7
Phenol-d6
Concen: 56.73 ng
RT: 6.42 min Scan# 397
Delta R.T. 0.01 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion: 99 Resp: 676789

Ion	Ratio	Lower	Upper
99	100		
42	16.0	15.6	23.4
71	29.6	27.5	41.3

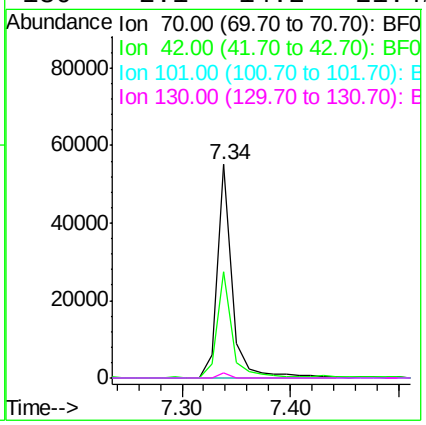


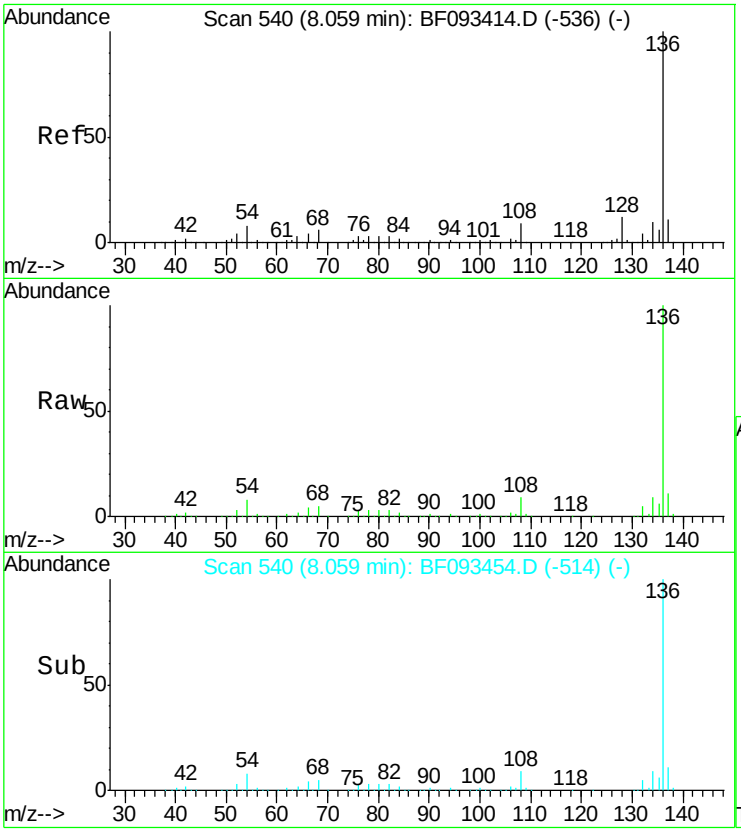


#19
n-Nitroso-di-n-propylamine
Concen: 6.47 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion: 70 Resp: 53070

Ion	Ratio	Lower	Upper
70	100		
42	49.5	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



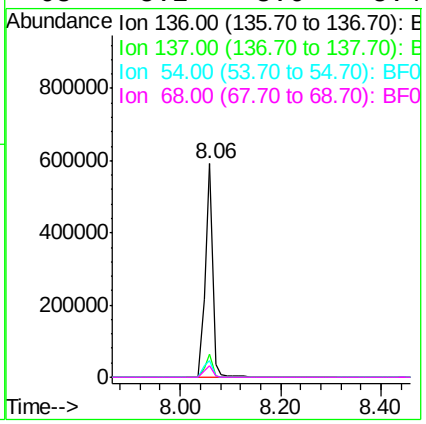


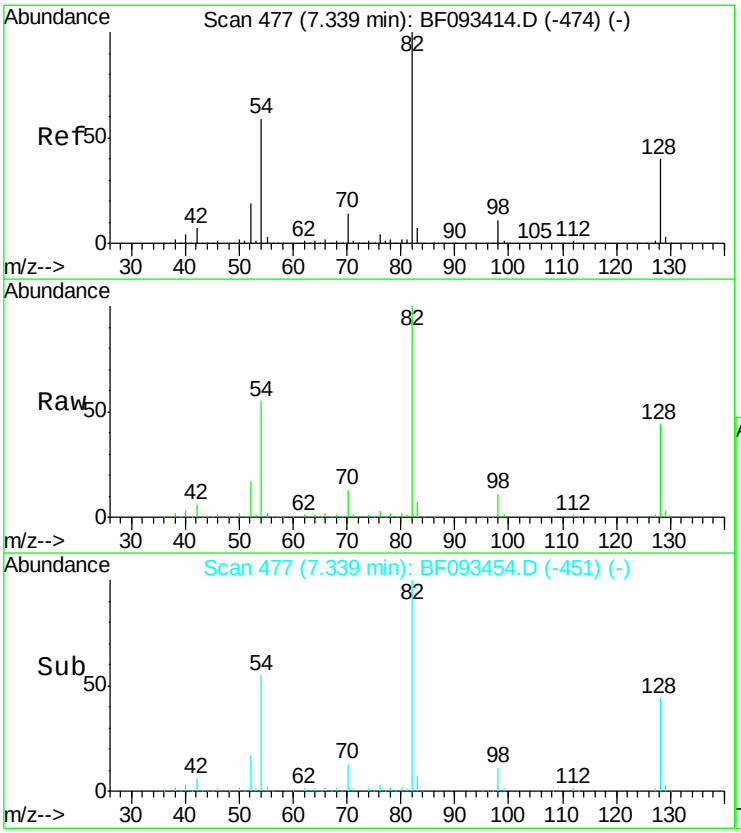
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:136 Resp: 600567

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.6	4.5	6.7#
68	5.2	3.6	5.4

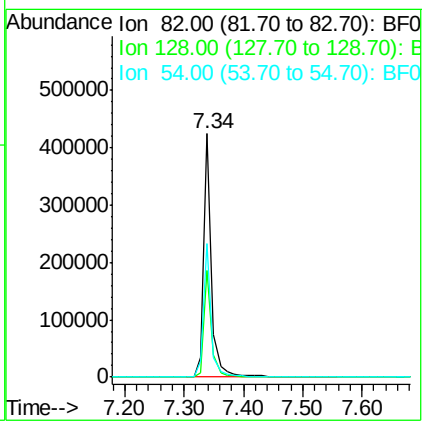


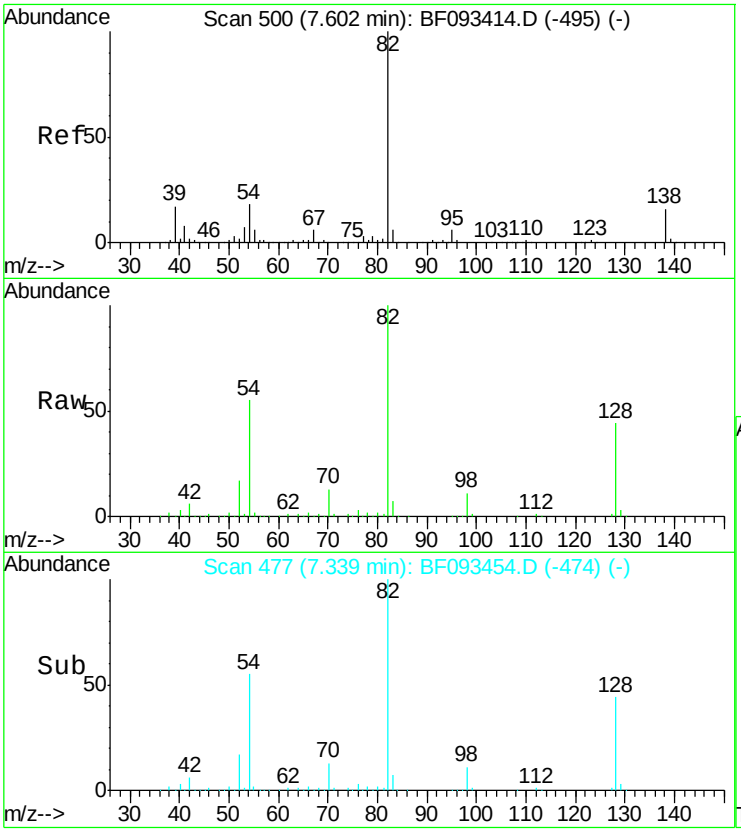


#23
Nitrobenzene-d5
Concen: 37.21 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion: 82 Resp: 402715

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	54.7	39.5	59.3



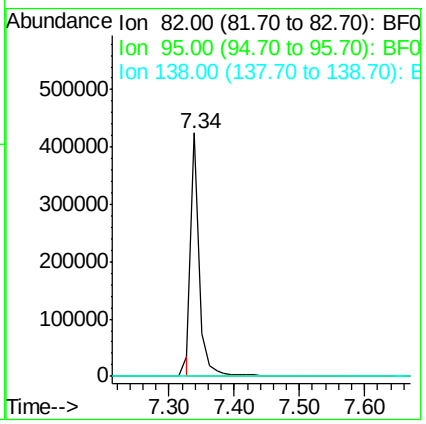


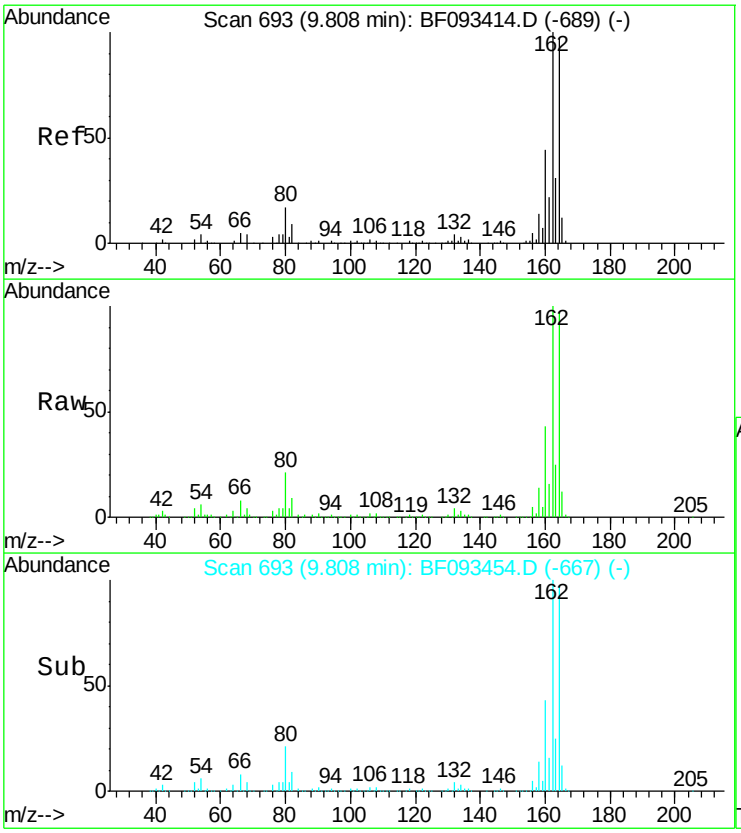
#25
Isophorone
Concen: 17.03 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion: 82 Resp: 371826

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

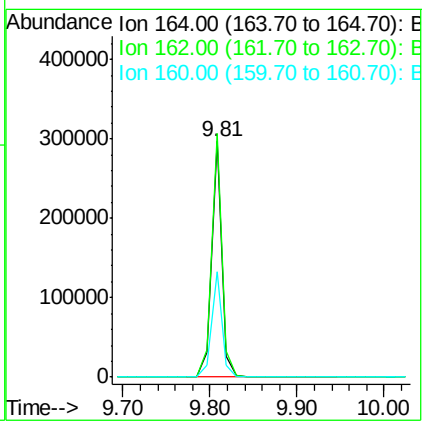


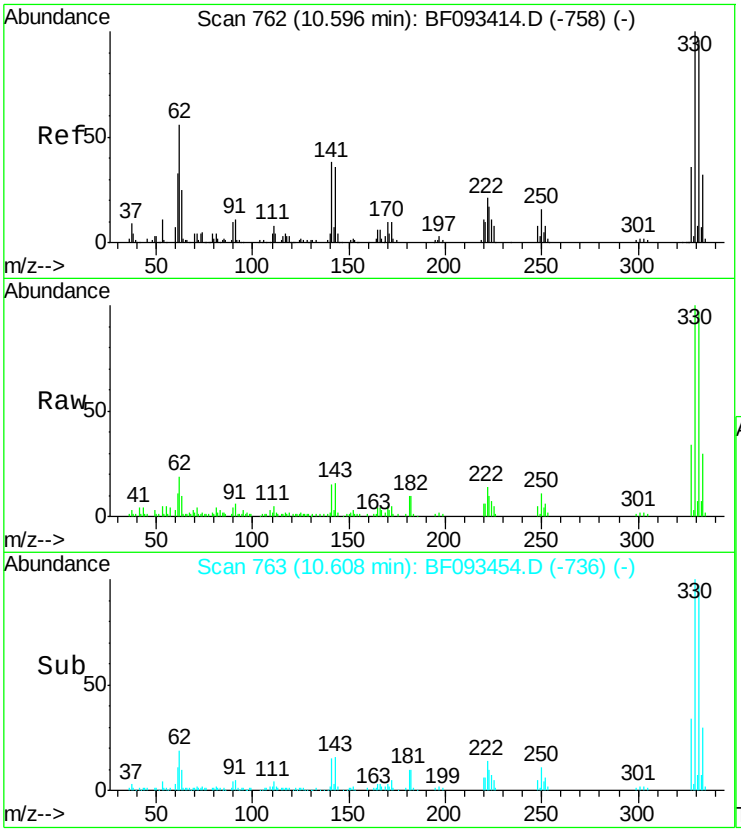


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:164 Resp: 247156

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.2	120.2
160	44.8	36.9	55.3



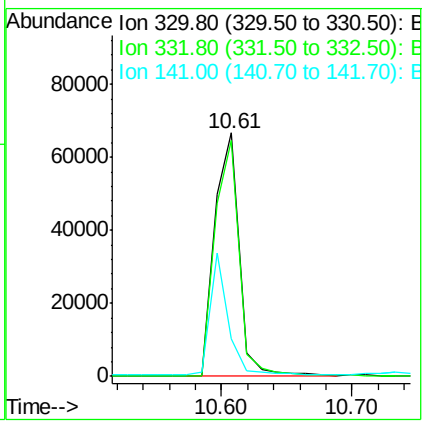


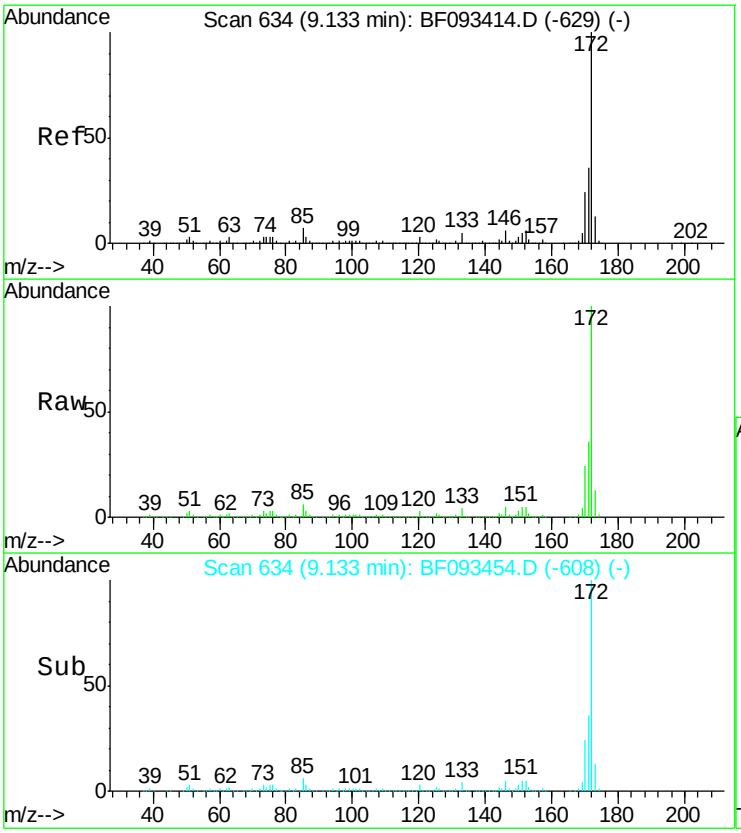
#41
2,4,6-Tribromophenol
Concen: 54.41 ng
RT: 10.61 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:330 Resp: 87617

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	38.2	34.1	51.1

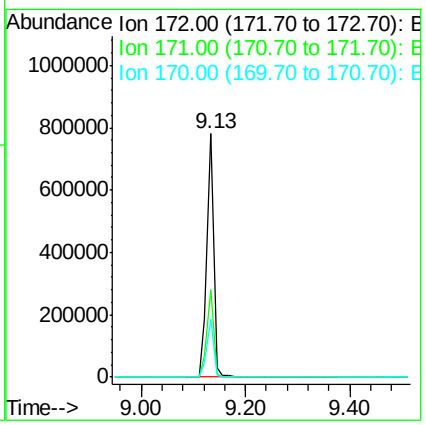


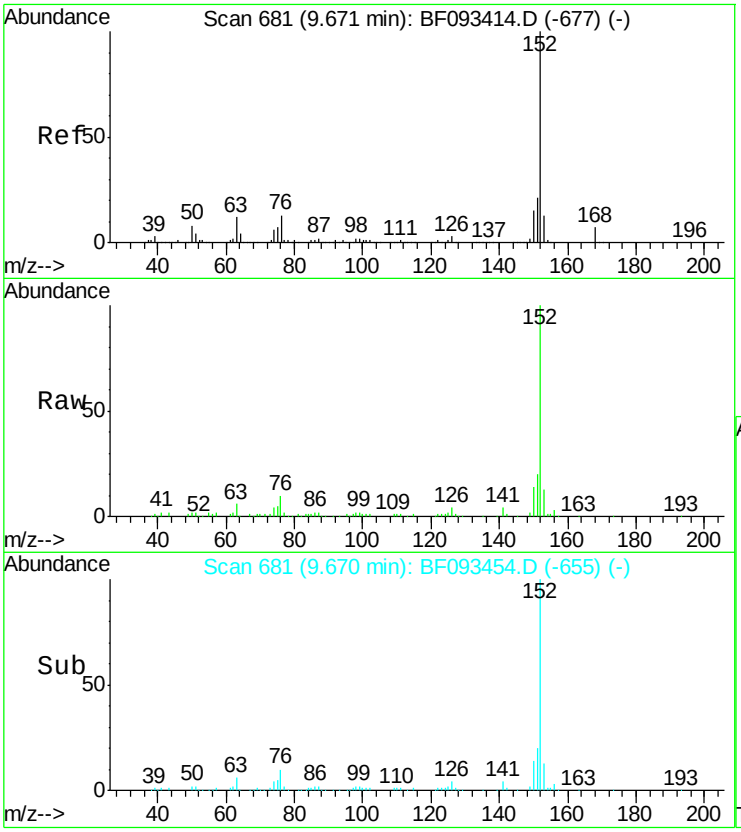


#44
2-Fluorobiphenyl
Concen: 52.98 ng
RT: 9.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:172 Resp: 703955

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.0	20.2	30.4



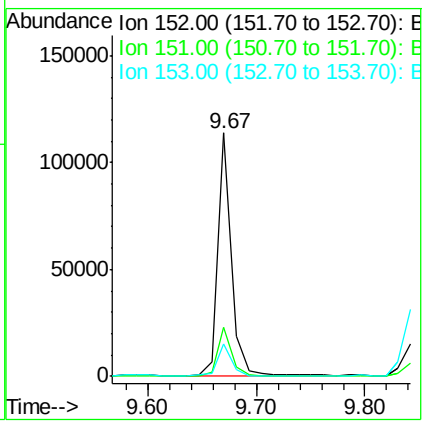


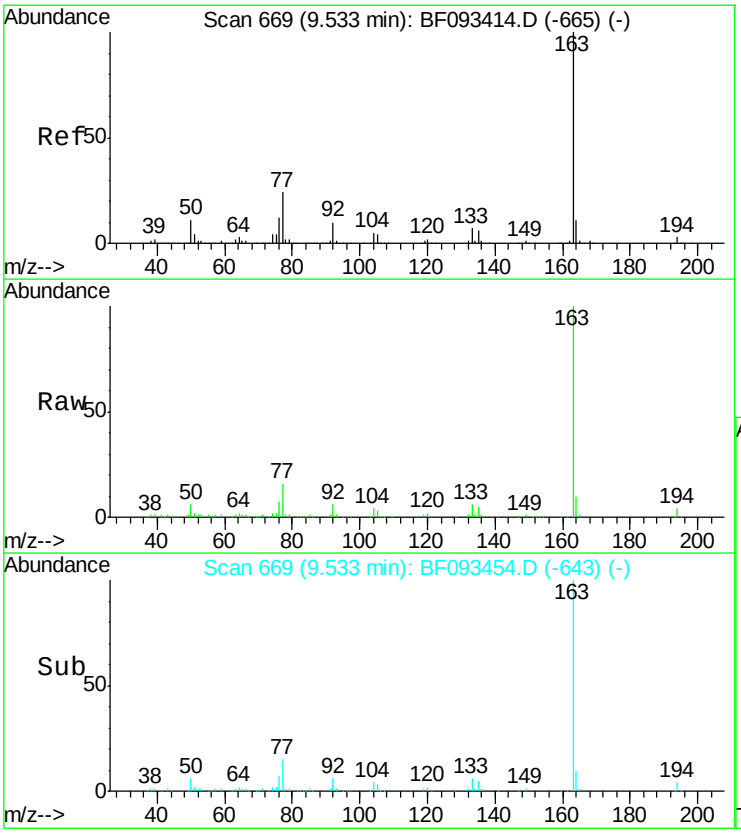
#48
Acenaphthylene
Concen: 4.49 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:152 Resp: 102122

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.2	11.4	17.2

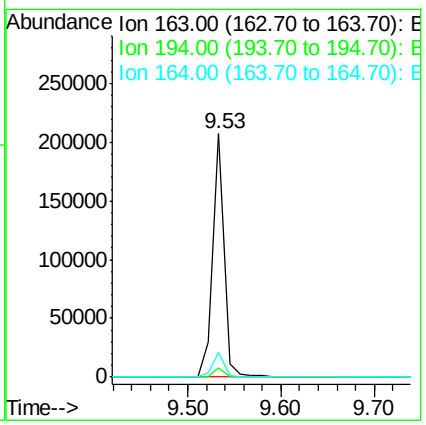


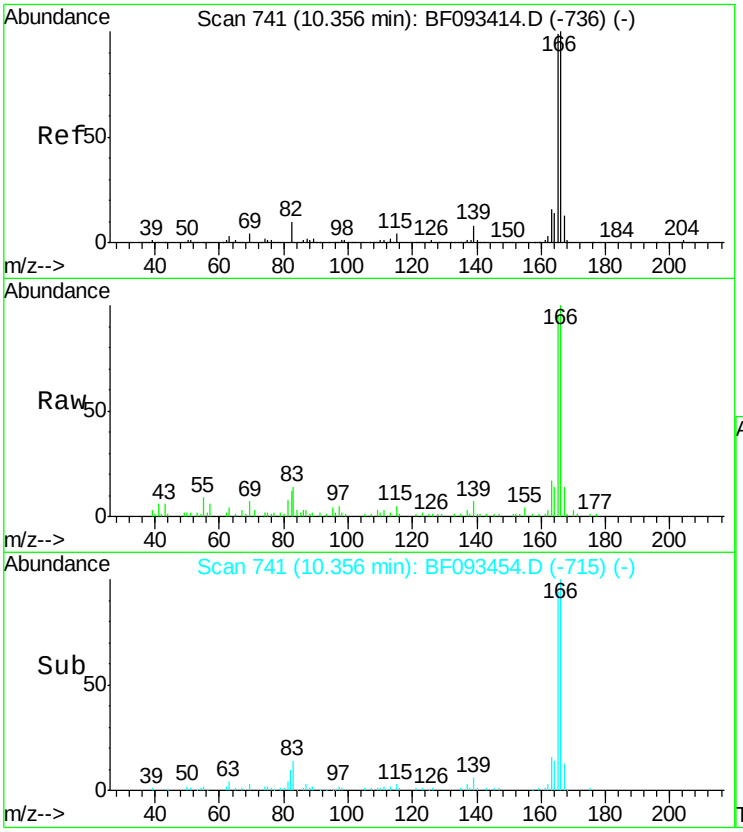


#49
Dimethylphthalate
Concen: 10.74 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:163 Resp: 176032

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.9	8.0	12.0



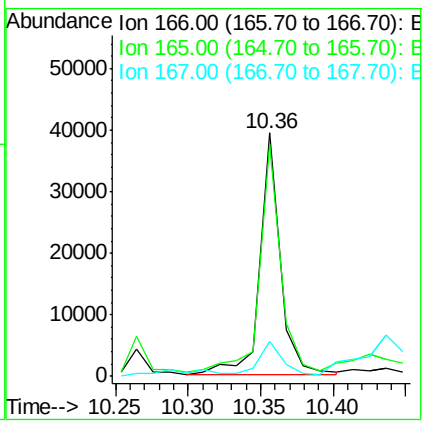


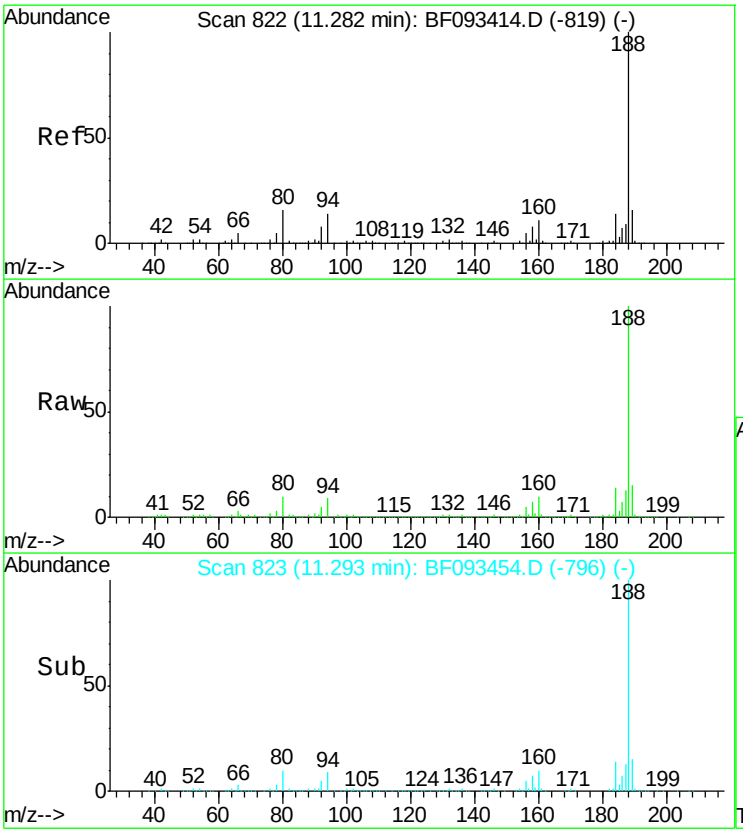
#57
Fluorene
Concen: 2.70 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:166 Resp: 38435

Ion	Ratio	Lower	Upper
166	100		
165	95.3	77.8	116.8
167	14.3	10.8	16.2

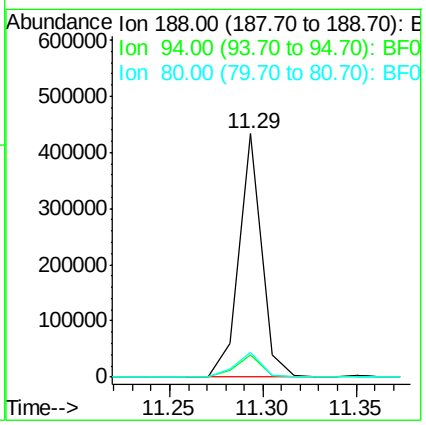


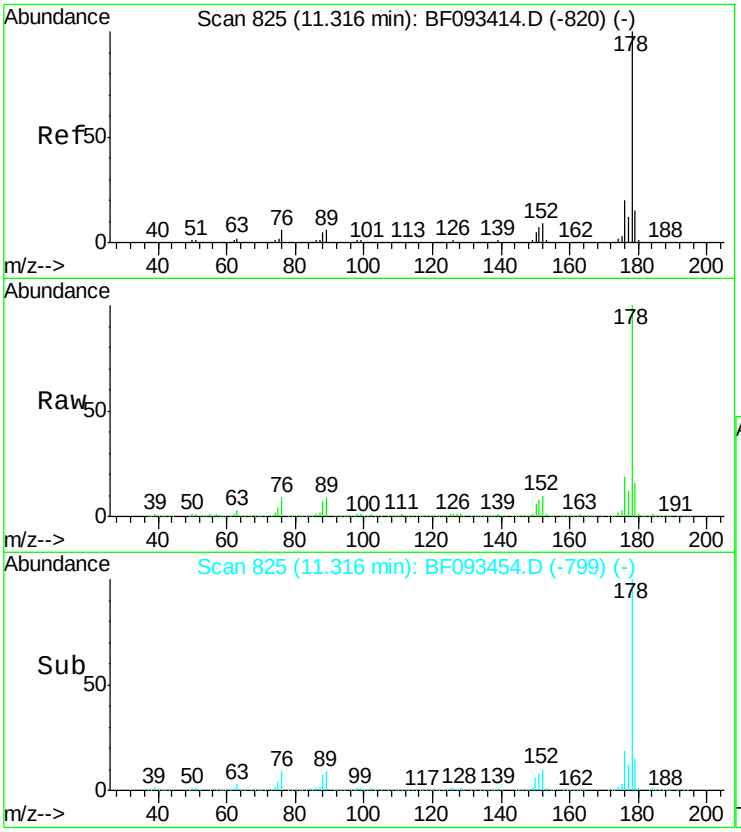


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:188 Resp: 369235

Ion	Ratio	Lower	Upper
188	100		
94	9.4	10.0	15.0#
80	10.1	11.2	16.8#



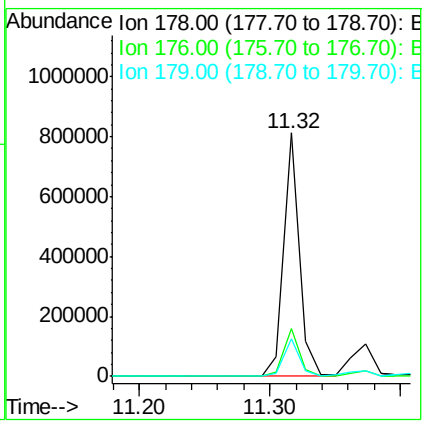


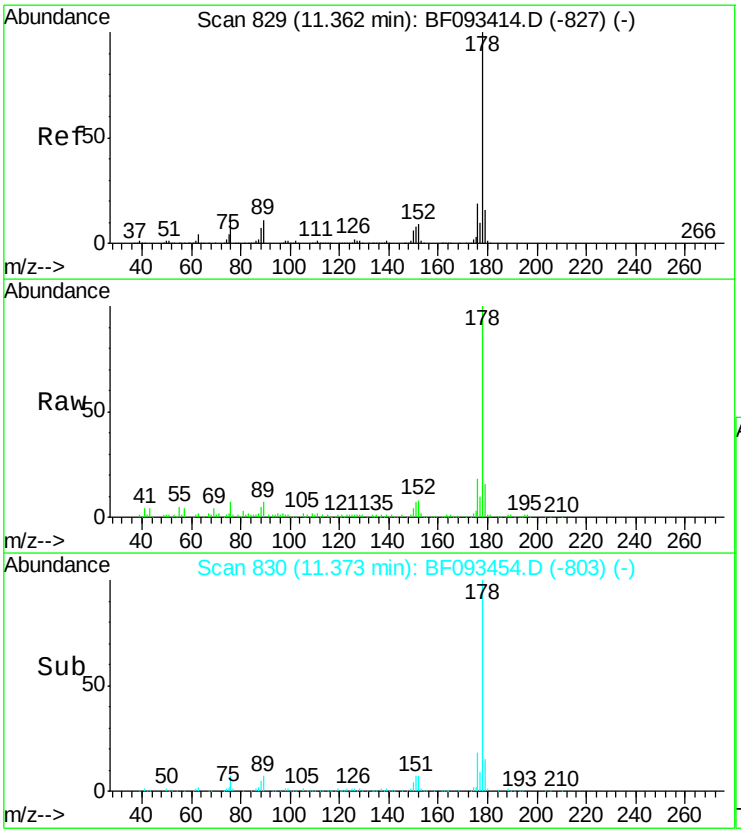
#70
Phenanthrene
Concen: 32.84 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:178 Resp: 692209

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	15.6	12.8	19.2

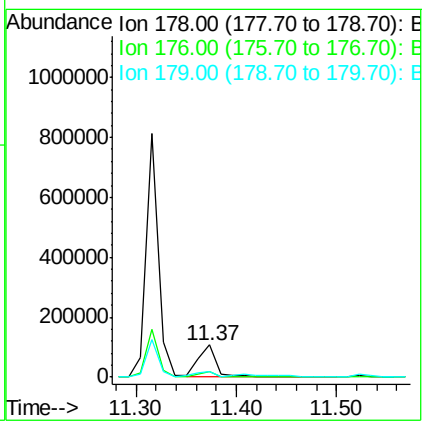


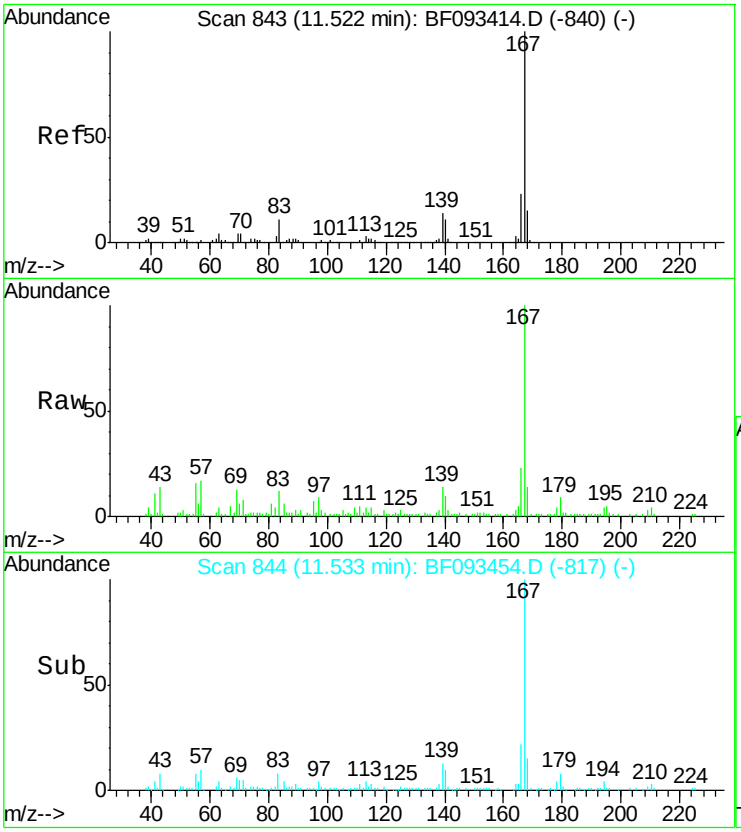


#71
Anthracene
Concen: 6.22 ng
RT: 11.37 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:178 Resp: 132535

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	15.6	13.2	19.8



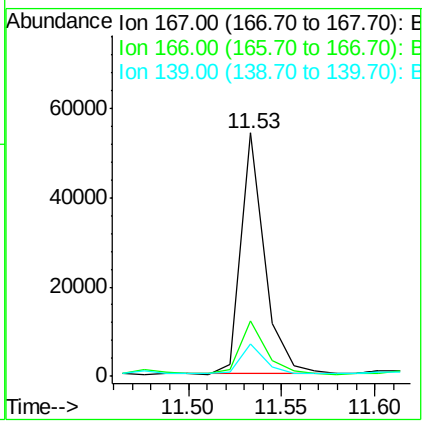


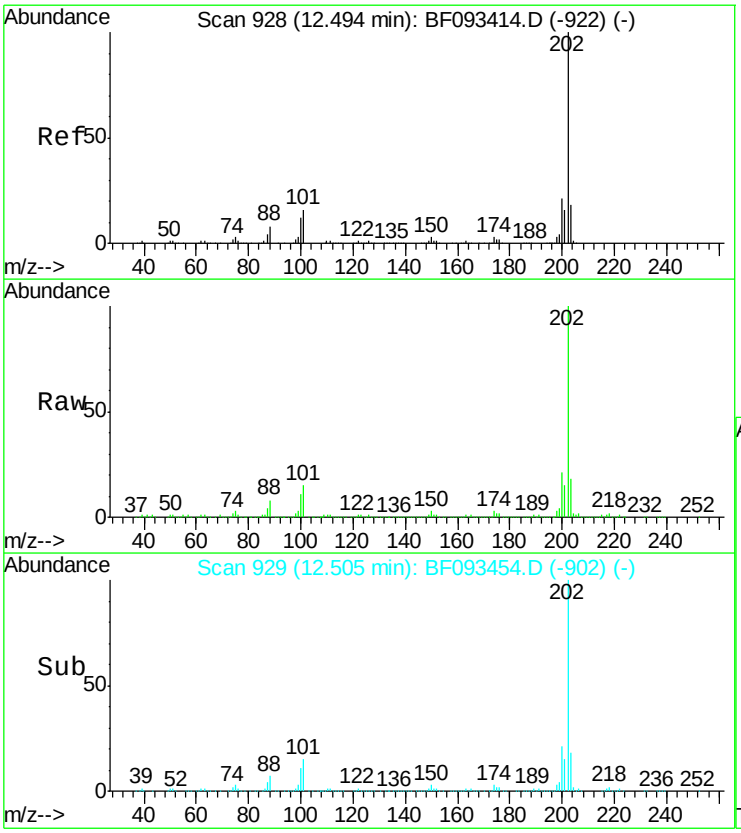
#72
Carbazole
Concen: 2.39 ng
RT: 11.53 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:167 Resp: 47807

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.2
139	13.5	11.4	17.2

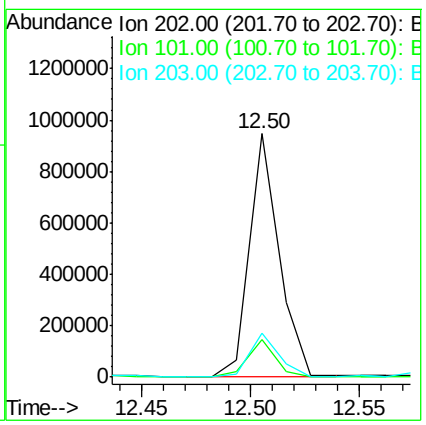


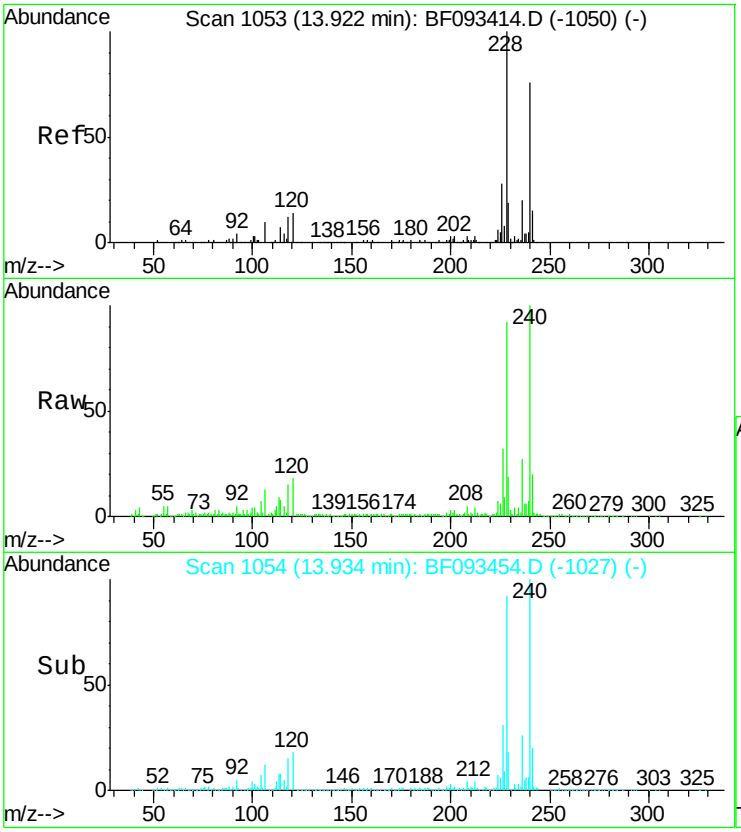


#74
Fluoranthene
Concen: 43.91 ng
RT: 12.50 min Scan# 929
Delta R.T. 0.01 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:202 Resp: 893946

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.6
203	18.1	0.0	38.7



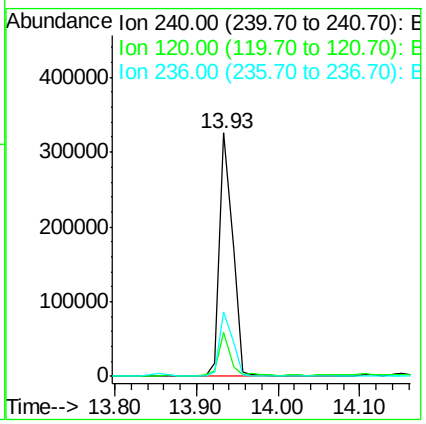


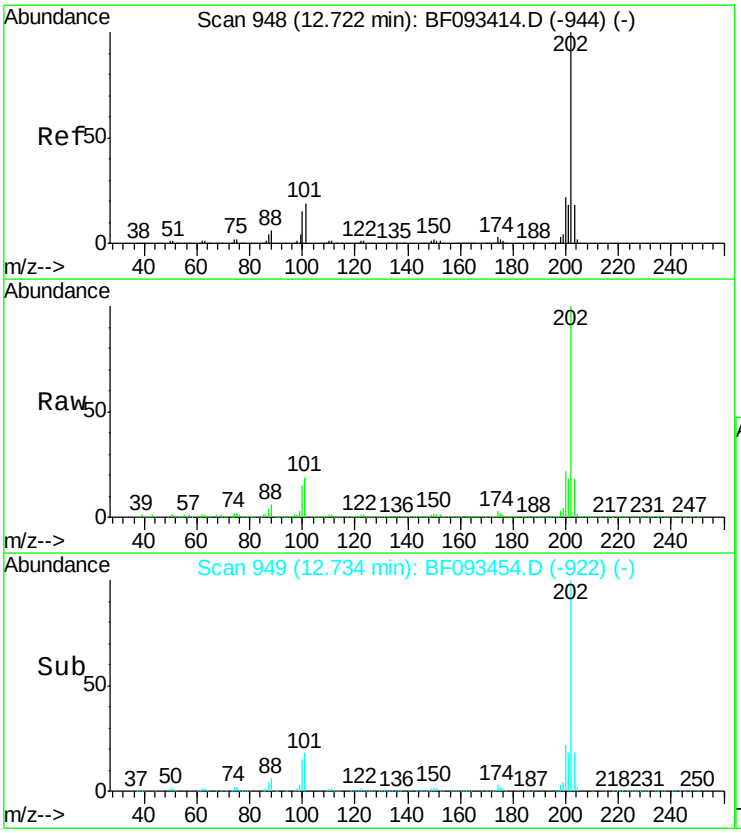
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:240 Resp: 360660

Ion	Ratio	Lower	Upper
240	100		
120	17.9	12.9	19.3
236	26.7	20.9	31.3

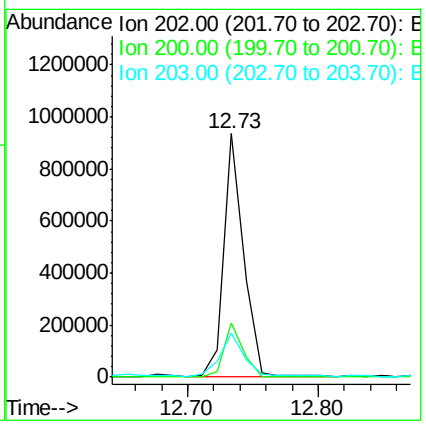


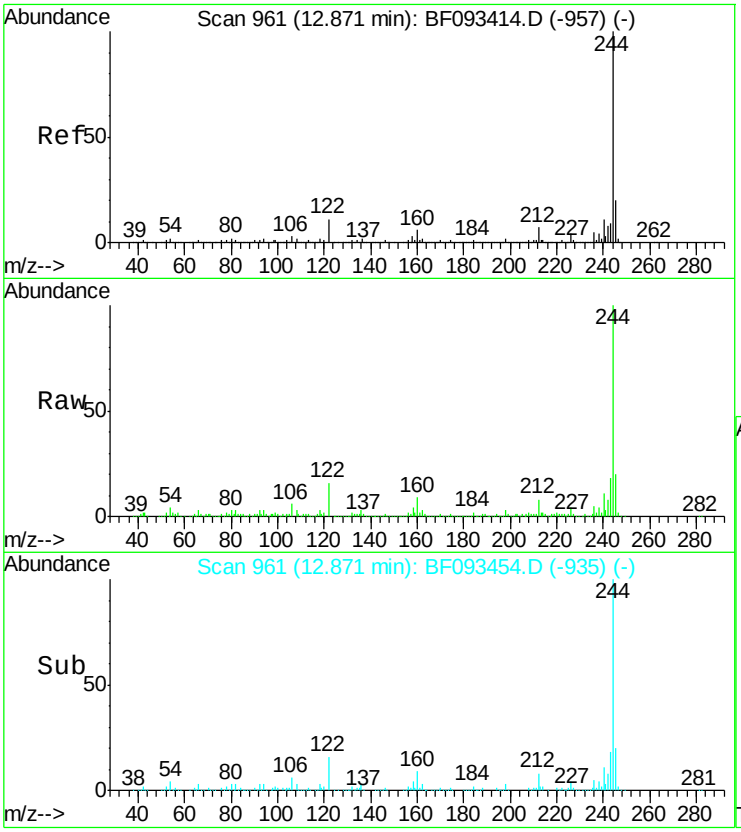


#77
Pyrene
Concen: 37.41 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:202 Resp: 981158

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	18.1	14.7	22.1



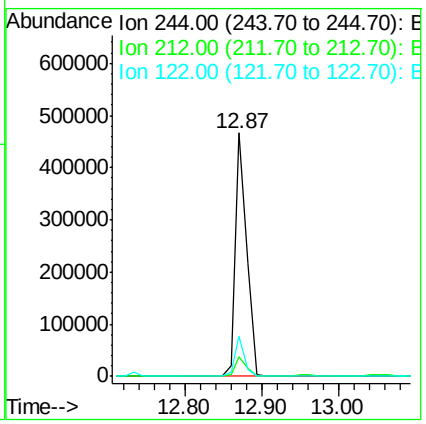


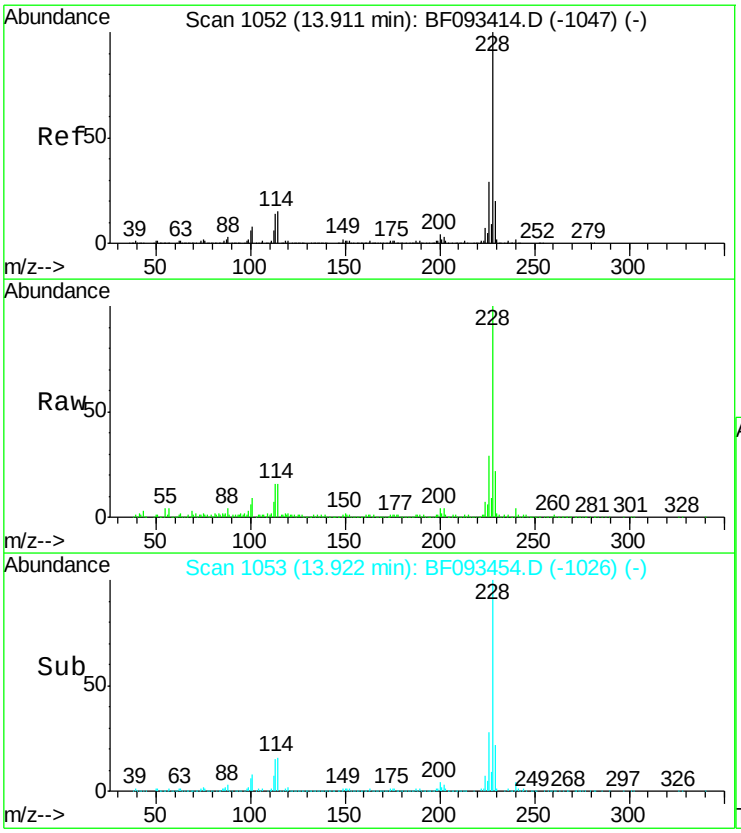
#78
Terphenyl-d14
Concen: 35.30 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:244 Resp: 489671

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	16.4	11.4	17.2

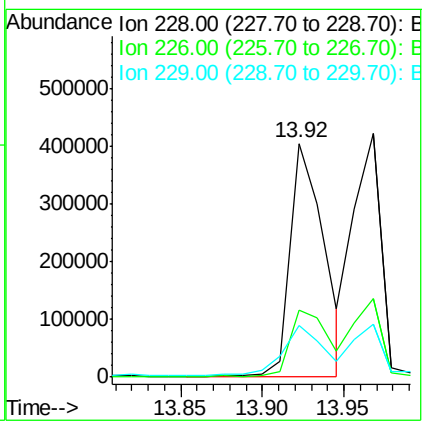


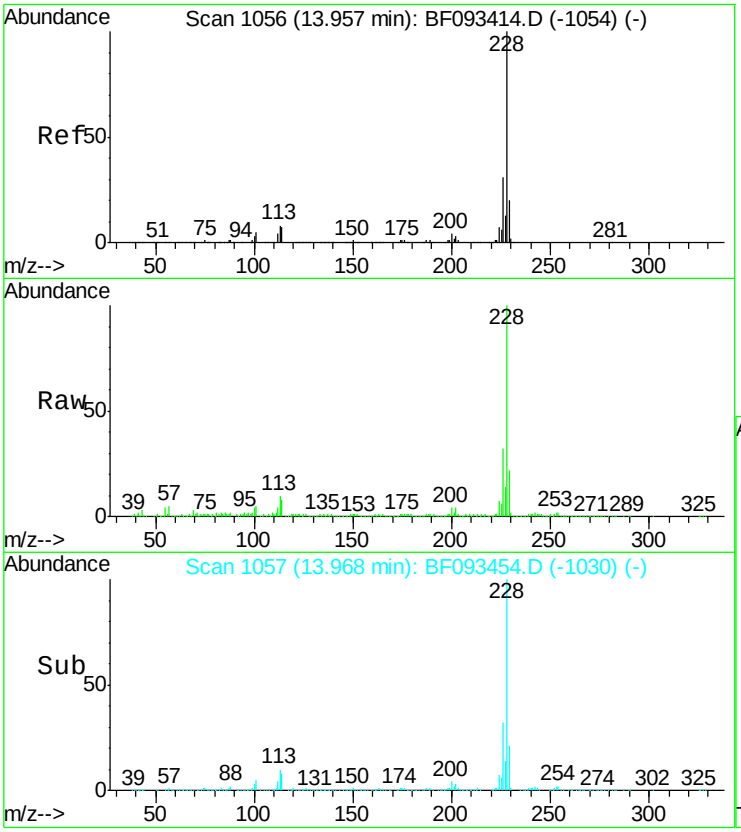


#80
Benzo(a)anthracene
Concen: 27.39 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:228 Resp: 583298

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.4	33.6
229	22.1	16.2	24.4



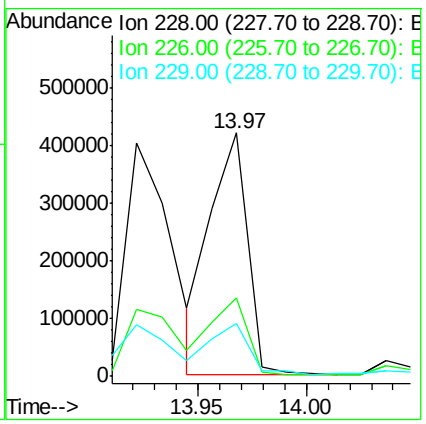


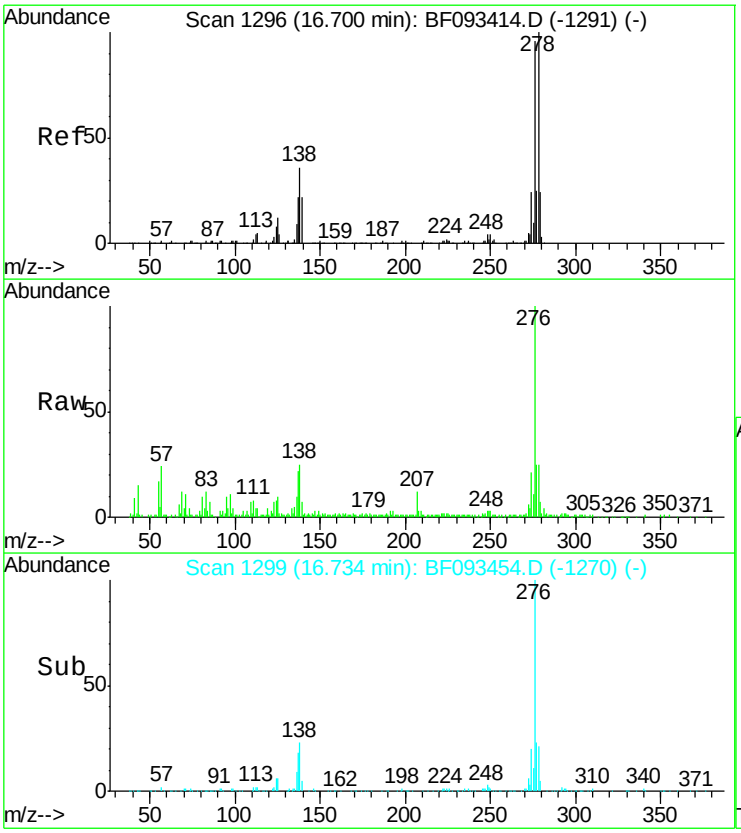
#82
Chrysene
Concen: 25.33 ng
RT: 13.97 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:228 Resp: 499049

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.0
229	21.9	16.2	24.2

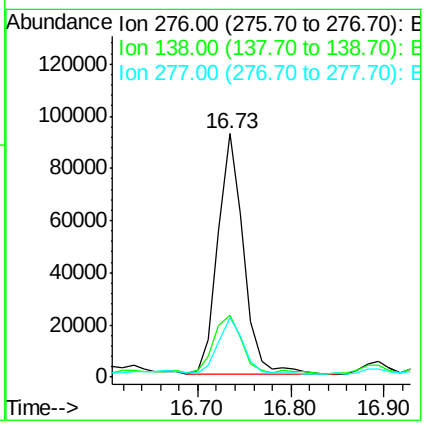


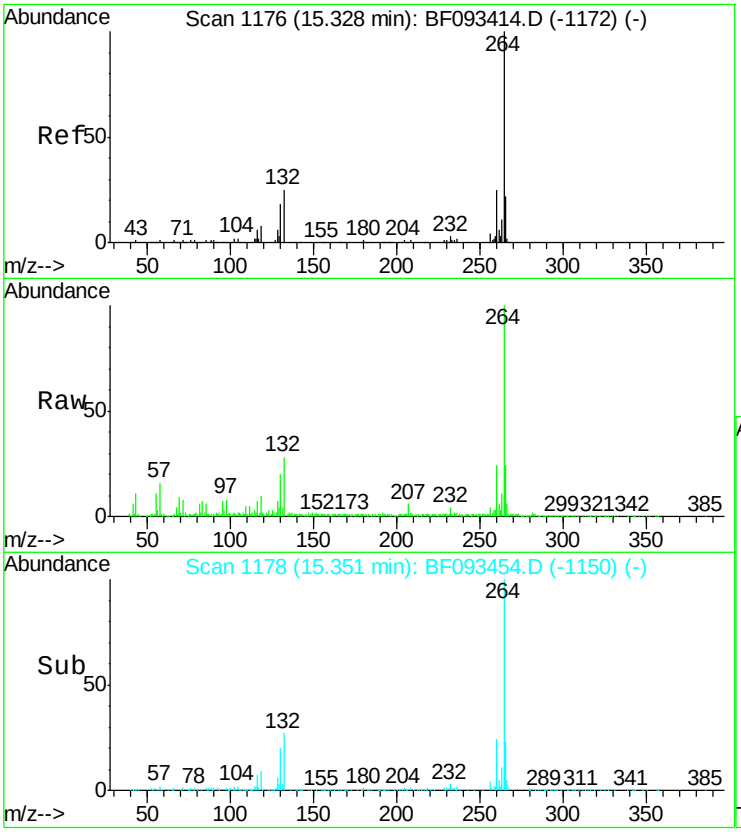


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.68 ng
RT: 16.73 min Scan# 1299
Delta R.T. 0.03 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:276 Resp: 176107

Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.8	32.6
277	23.2	20.2	30.4



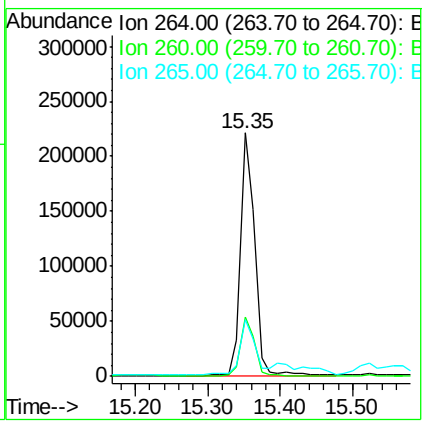


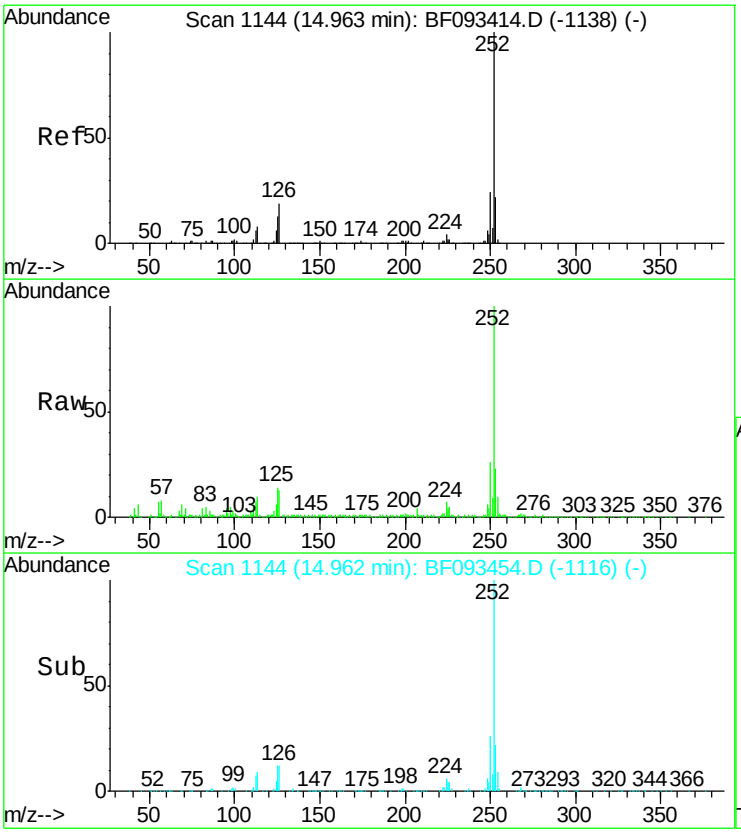
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:264 Resp: 299750

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.5	17.4	26.0

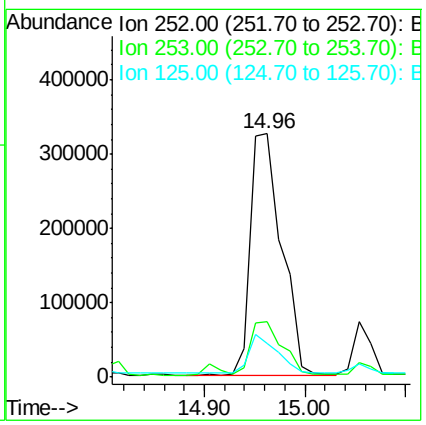


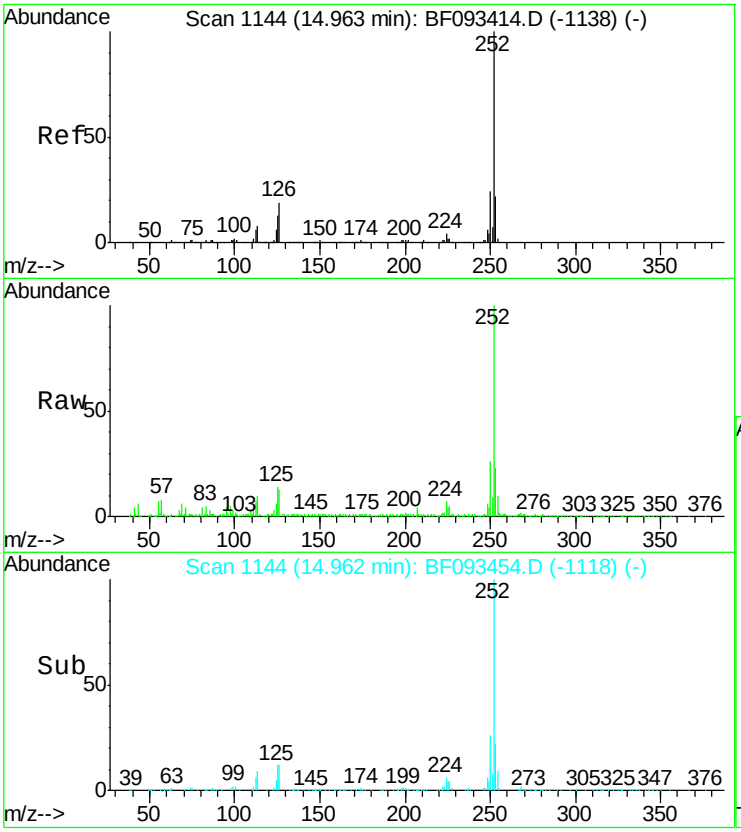


#87
Benzo(b)fluoranthene
Concen: 38.71 ng
RT: 14.96 min Scan# 1144
Delta R.T. 0.02 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:252 Resp: 706609

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	13.8	9.8	14.6



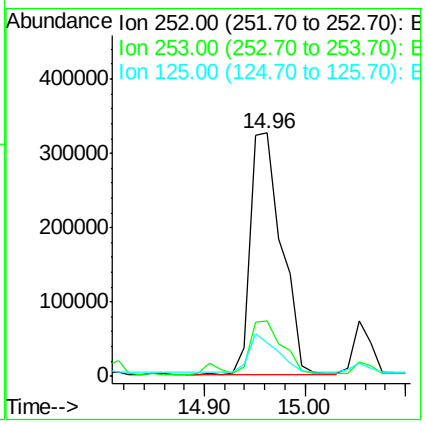


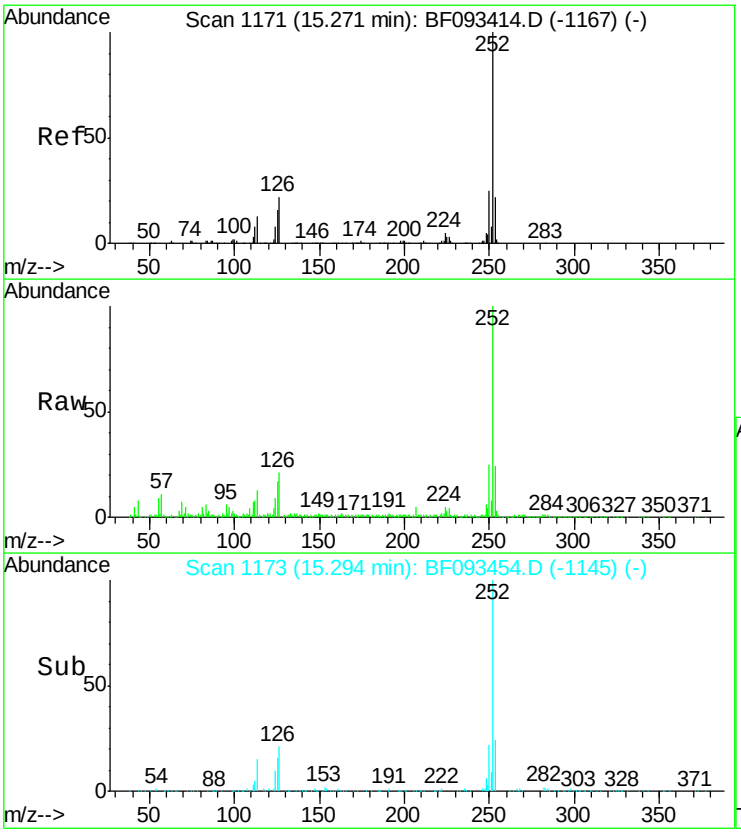
#88
Benzo(k)fluoranthene
Concen: 40.14 ng
RT: 14.96 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:252 Resp: 706609

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	13.8	8.9	13.3#

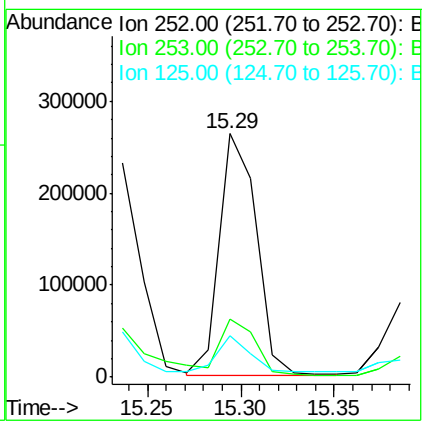


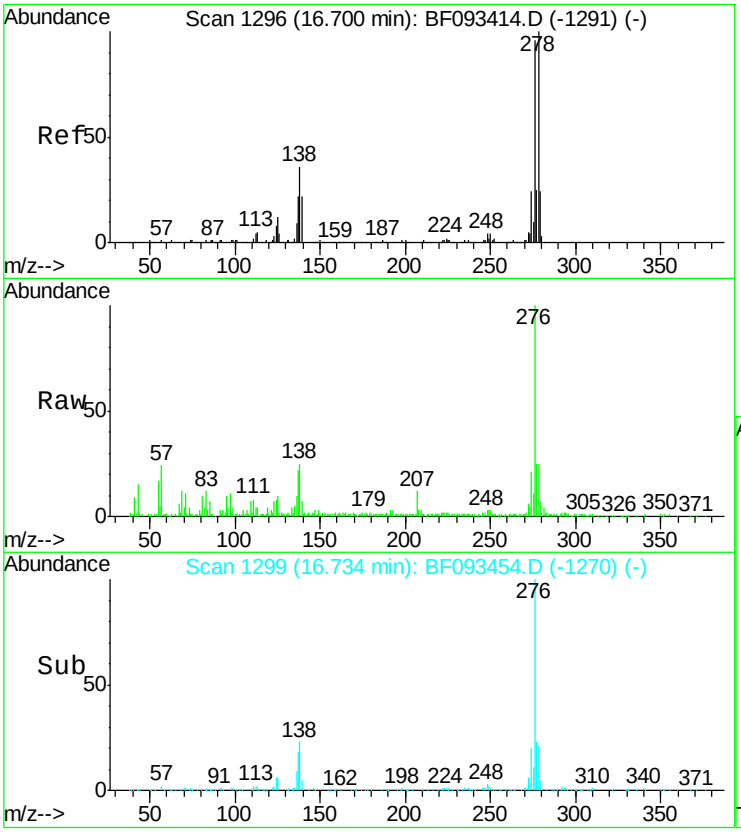


#89
Benzo(a)pyrene
Concen: 21.89 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:252 Resp: 365161

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	17.3	10.0	15.0#



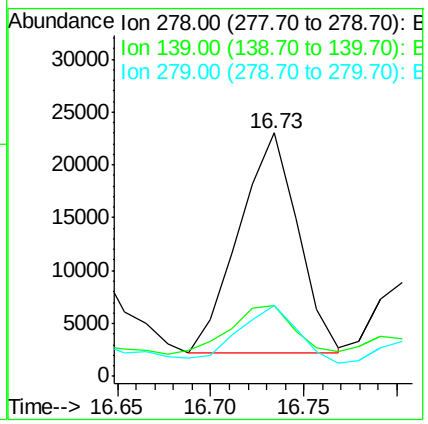


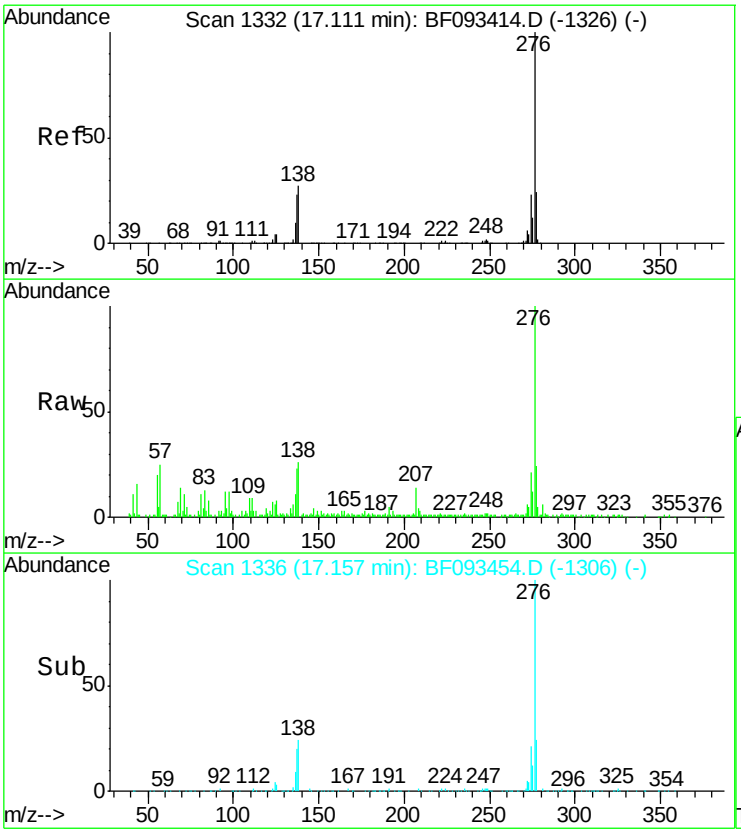
#90
Dibenzo(a,h)anthracene
Concen: 3.30 ng
RT: 16.73 min Scan# 1299
Delta R.T. 0.03 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Instrument :
BNA_F
ClientSampleId :
POSTEX-31-20170306

Tgt Ion:278 Resp: 45595

Ion	Ratio	Lower	Upper
278	100		
139	29.0	14.8	22.2#
279	29.0	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 11.75 ng
RT: 17.16 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF093454.D
Acq: 9 Mar 2017 3:01

Tgt Ion:276 Resp: 166506

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	26.4	16.0	24.0#