Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093447.D
Acq On : 8 Mar 2017 23:50
Operator : SJ/MA
Sample : I2106-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB413A

Quant Time: Mar 09 00:43:07 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	153641	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	532585	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	221799	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	324802	20.00	ng		0.01
75) Chrysene-d12	14.00	240	64646	20.00	ng		0.08
86) Perylene-d12	15.51	264	52504	20.00	ng		0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	760922	82.43	ng		0.00
7) Phenol-d6	6.42	99	958129	82.31	ng		0.01
23) Nitrobenzene-d5	7.34	82	572069	59.60	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	115939	80.23	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	826879	69.34	ng		0.00
78) Terphenyl-d14	12.92	244	249193	100.22	ng		0.05
Target Compounds							Qvalue
10) Phenol	6.44	94	69113	4.84	ng		82
31) Naphthalene	8.08	128	955286	35.79	ng		99
32) Benzoic acid	7.88	122	26189	6.29	ng	#	65
33) 4-Chloroaniline	8.08	127	132658	12.25	ng	#	36
35) Caprolactam	8.48	113	22144	8.61	ng	#	1
37) 2-Methylnaphthalene	8.77	142	368052	21.67	ng		99
45) 1,1'-Biphenyl	9.24	154	115515	7.15	ng		99
48) Acenaphthylene	9.67	152	582021	28.53	ng		100
49) Dimethylphthalate	9.53	163	114544	7.79	ng		99
51) Acenaphthene	9.84	154	714401	59.23	ng		96
52) 3-Nitroaniline	9.75	138	8994	2.32	ng	#	24
54) Dibenzofuran	10.01	168	834940	55.30	ng		97
55) 4-Nitrophenol	9.91	139	11232	5.97	ng	#	1
56) 2,4-Dinitrotoluene	9.97	165	18189	4.59	ng	#	47
57) Fluorene	10.36	166	1123536	87.83	ng		98
65) n-Nitrosodiphenylamine	10.47	169	93286	8.60	ng	#	89
69) Pentachlorophenol	11.13	266	2554	2.26	ng	#	29
70) Phenanthrene	11.33	178	2934360	158.27	ng		99
71) Anthracene	11.39	178	1706344	90.99	ng		99
72) Carbazole	11.55	167	116014	6.58	ng	#	60
74) Fluoranthene	12.55	202	3121238	174.29	ng		95
76) Benzidine	12.72	184	10269	4.83	ng	#	1
77) Pyrene	12.55	202	2930402	623.28	ng		99
79) Butylbenzylphthalate	13.43	149	8239	4.16	ng	#	17
80) Benzo(a)anthracene	14.00	228	434664	113.86	ng	#	82
81) 3,3'-Dichlorobenzidine	13.92	252	3641	2.72	ng	#	1
82) Chrysene	14.00	228	434664	123.06	ng	#	87
83) Bis(2-ethylhexyl)phthalate	13.89	149	19464	7.06	ng	#	1
84) Di-n-octyl phthalate	14.61	149	13478	2.93	ng	#	74
85) Indeno(1,2,3-cd)pyrene	16.96	276	191275	64.69	ng		98
87) Benzo(b)fluoranthene	15.09	252	391620	122.47	ng	#	48
88) Benzo(k)fluoranthene	15.19	252	41467	13.45	ng	#	1
89) Benzo(a)pyrene	15.45	252	155056	53.06	ng	#	26
90) Dibenzo(a,h)anthracene	16.95	278	73836	30.54	ng	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093447.D
Acq On : 8 Mar 2017 23:50
Operator : SJ/MA
Sample : I2106-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB413A

Quant Time: Mar 09 00:43:07 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)
91) Benzo(g,h,i)perylene	17.40	276	197585	79.62	ng	#	73

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
Data File : BF093447.D
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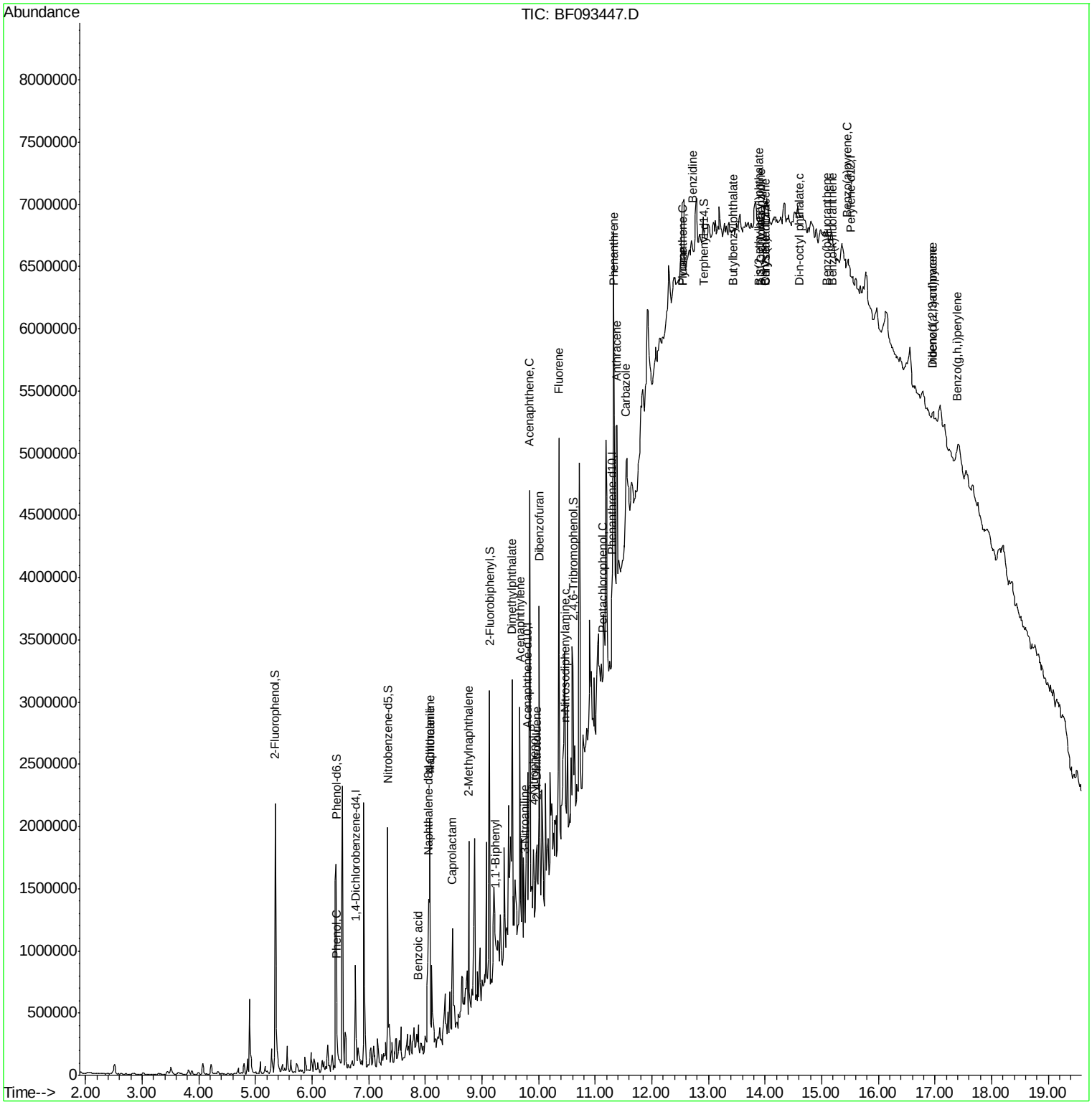
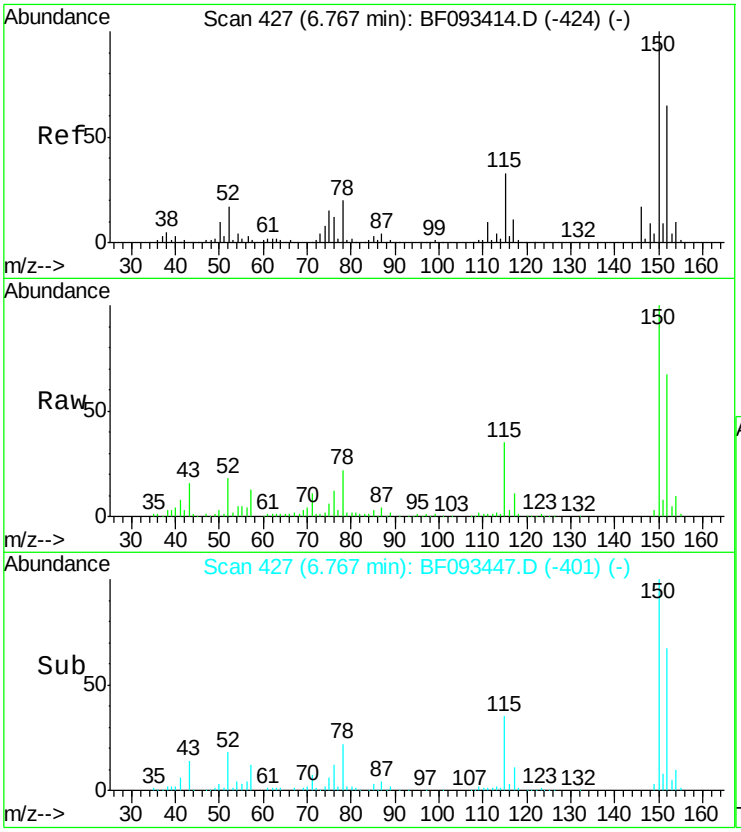


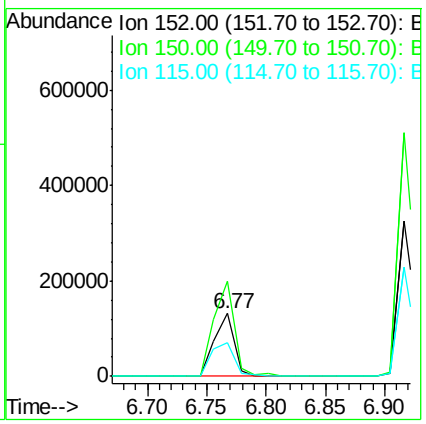


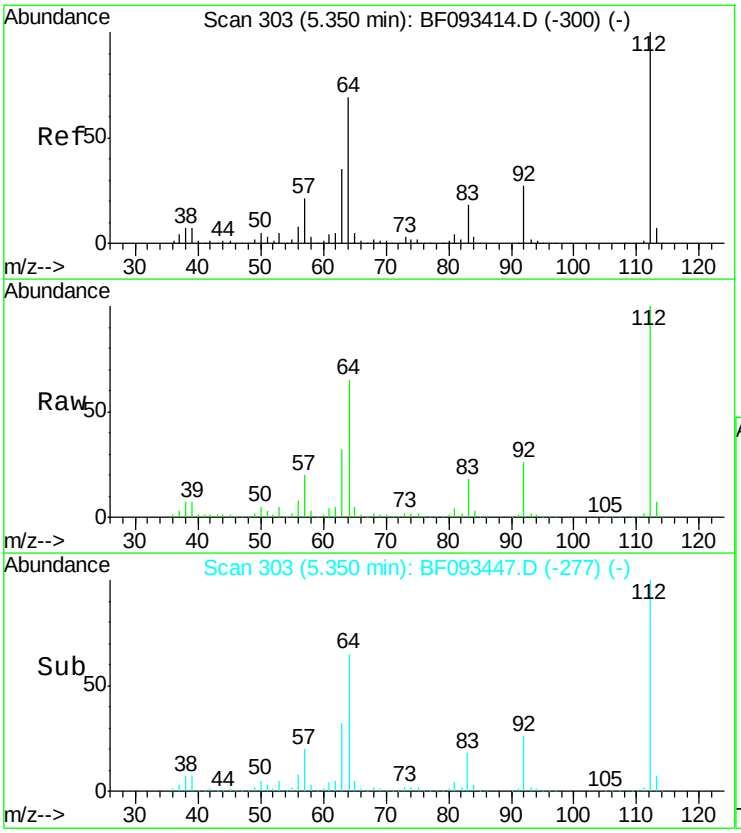
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:152 Resp: 153641

Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.9	187.3
115	52.6	46.0	69.0

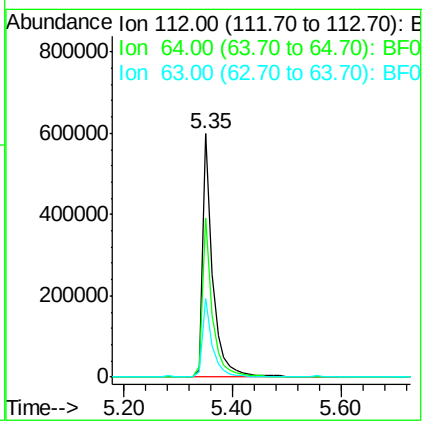


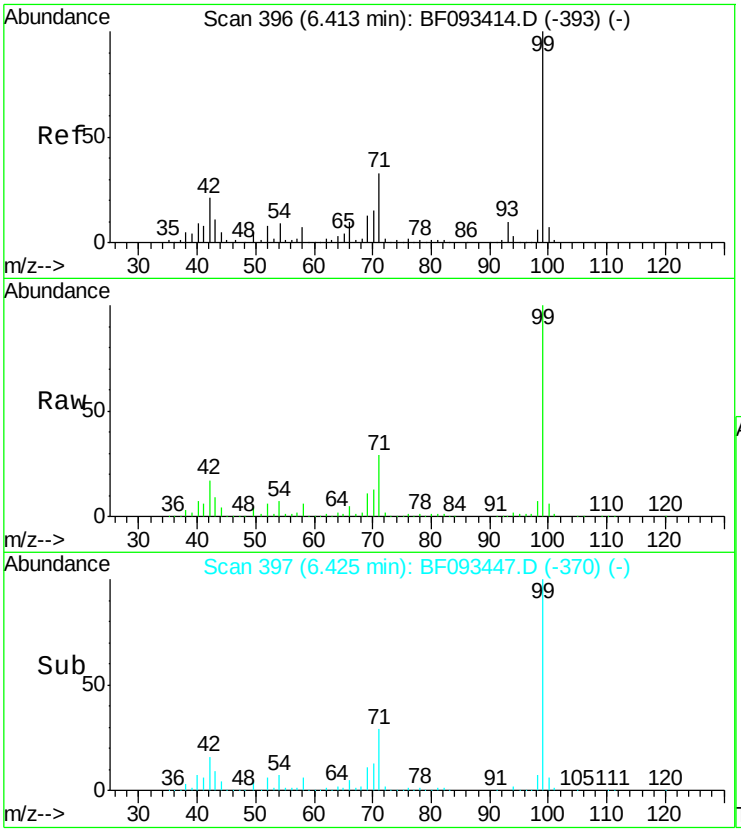


#5
2-Fluorophenol
Concen: 82.43 ng
RT: 5.35 min Scan# 303
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:112 Resp: 760922

Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.1	69.1
63	32.2	23.8	35.6



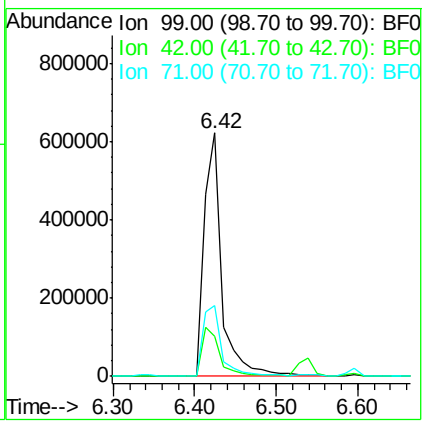


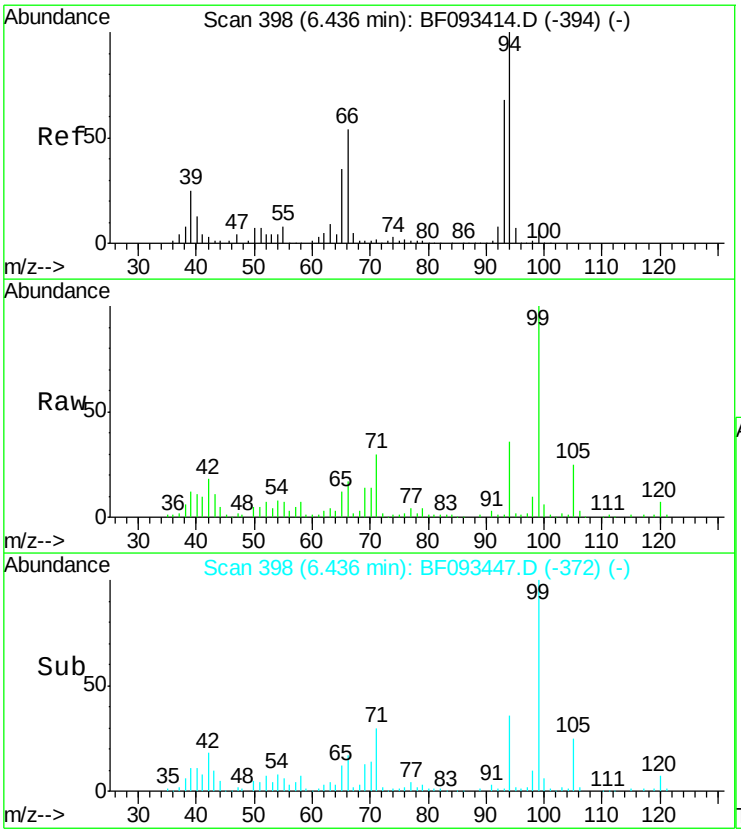
#7
Phenol-d6
Concen: 82.31 ng
RT: 6.42 min Scan# 397
Delta R.T. 0.01 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion: 99 Resp: 958129

Ion	Ratio	Lower	Upper
99	100		
42	16.6	15.6	23.4
71	28.9	27.5	41.3

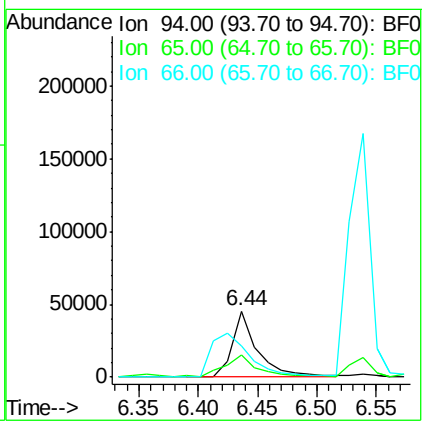


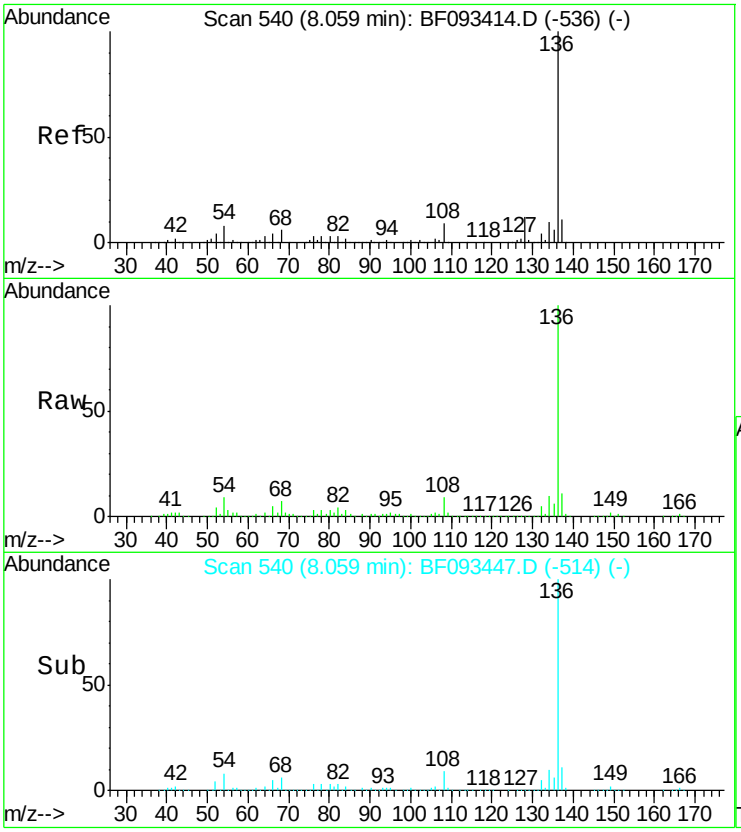


#10
Phenol
Concen: 4.84 ng
RT: 6.44 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion: 94 Resp: 69113

Ion	Ratio	Lower	Upper
94	100		
65	33.9	21.4	61.4
66	46.3	44.0	84.0



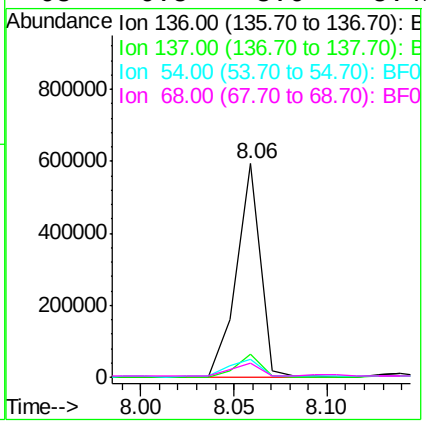


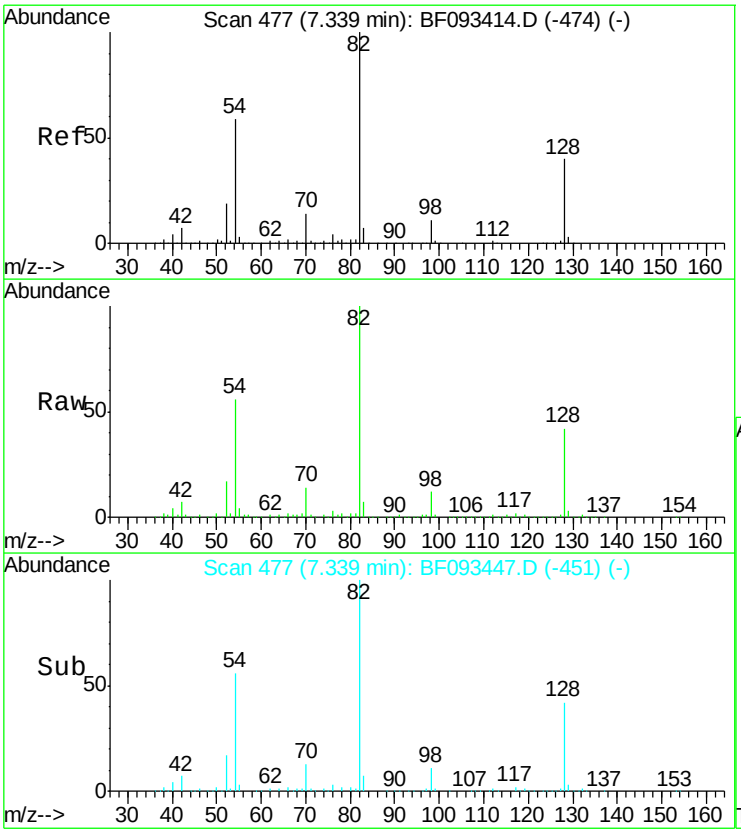
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:136 Resp: 532585

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.5	4.5	6.7#
68	6.5	3.6	5.4#

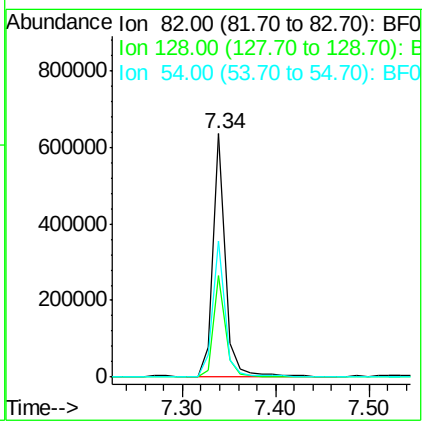


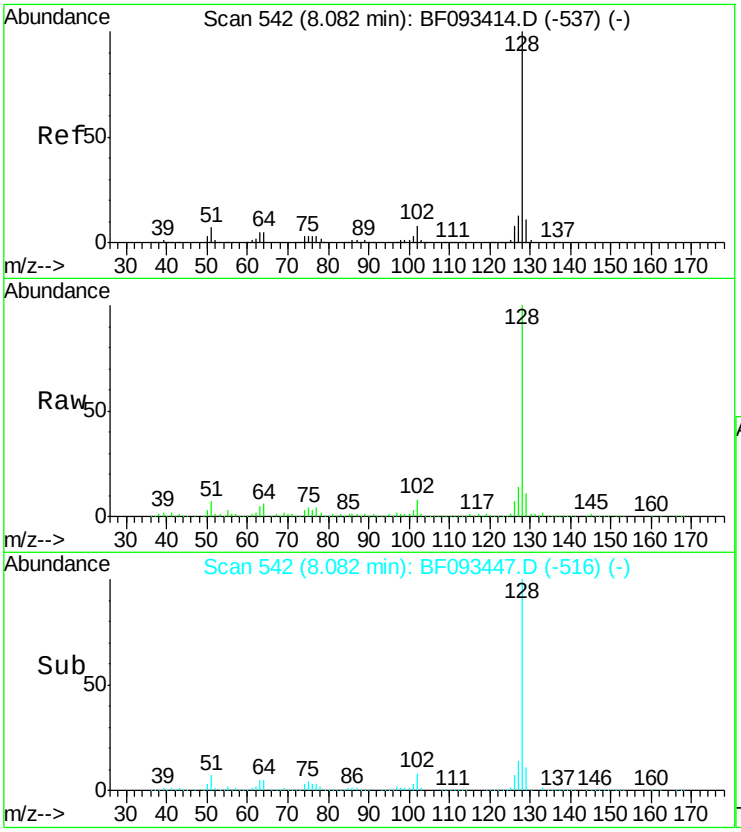


#23
Nitrobenzene-d5
Concen: 59.60 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion: 82 Resp: 572069

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	56.0	39.5	59.3



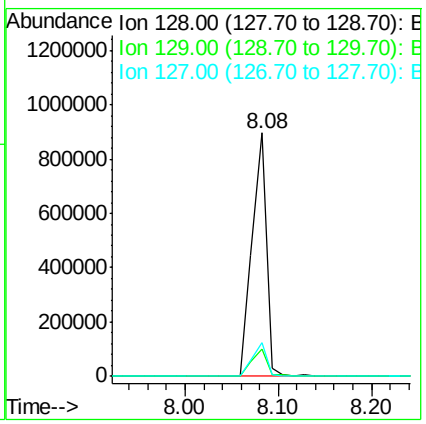


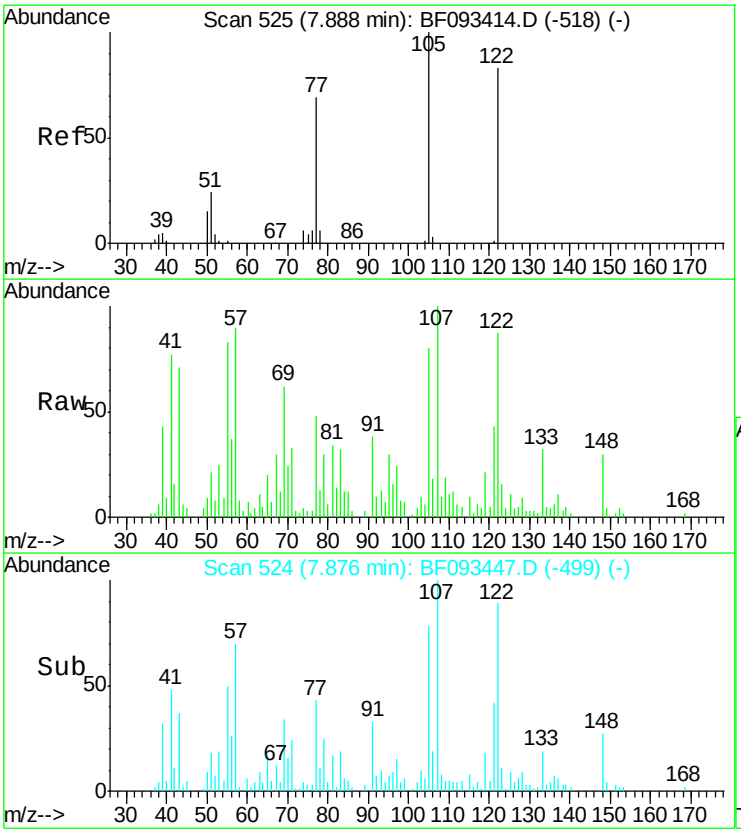
#31
Naphthalene
Concen: 35.79 ng
RT: 8.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:128 Resp: 955286

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.7	10.8	16.2

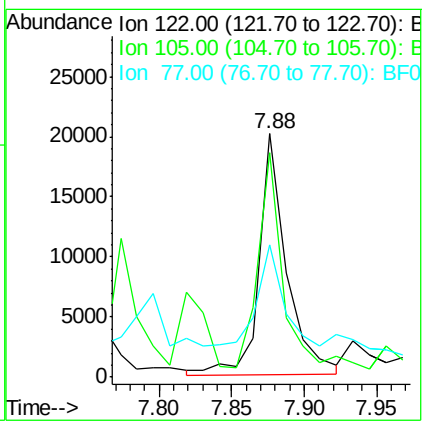


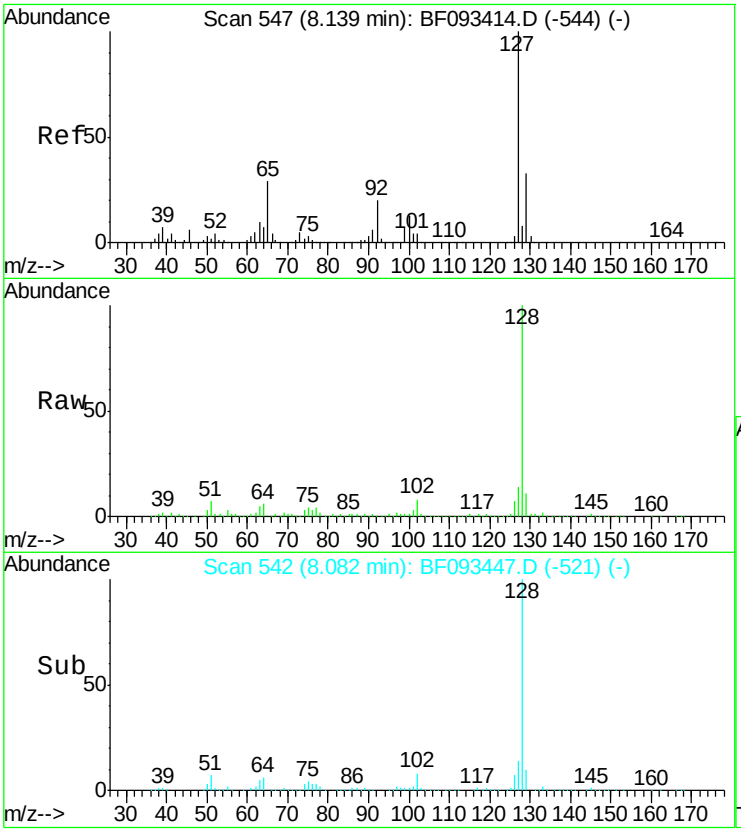


#32
Benzoic acid
Concen: 6.29 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:122 Resp: 26189

Ion	Ratio	Lower	Upper
122	100		
105	92.0	107.2	147.2#
77	54.6	74.5	114.5#



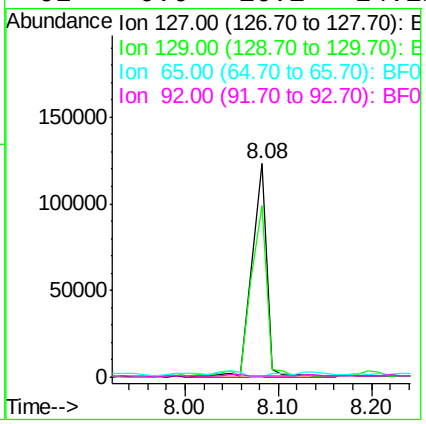


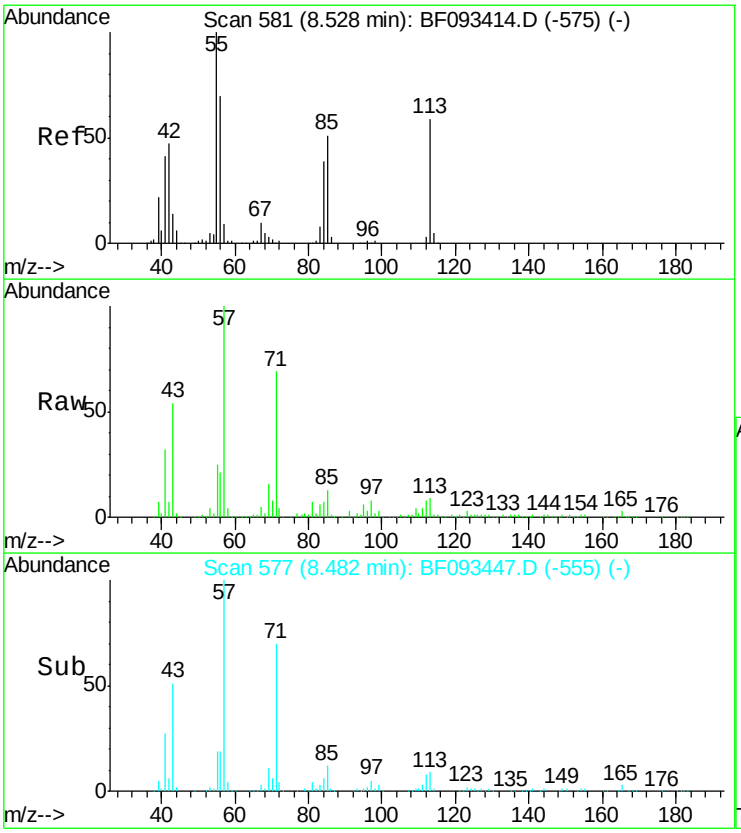
#33
4-Chloroaniline
Concen: 12.25 ng
RT: 8.08 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:127 Resp: 132658

Ion	Ratio	Lower	Upper
127	100		
129	80.5	26.3	39.5#
65	0.0	25.8	38.8#
92	0.6	16.1	24.1#

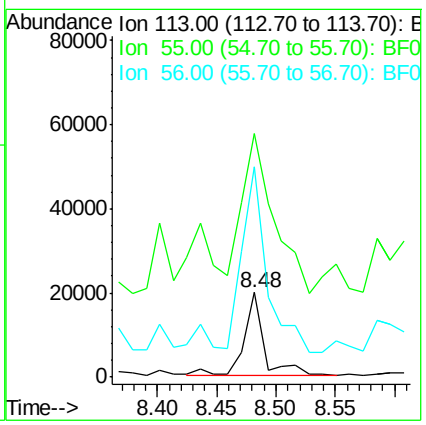


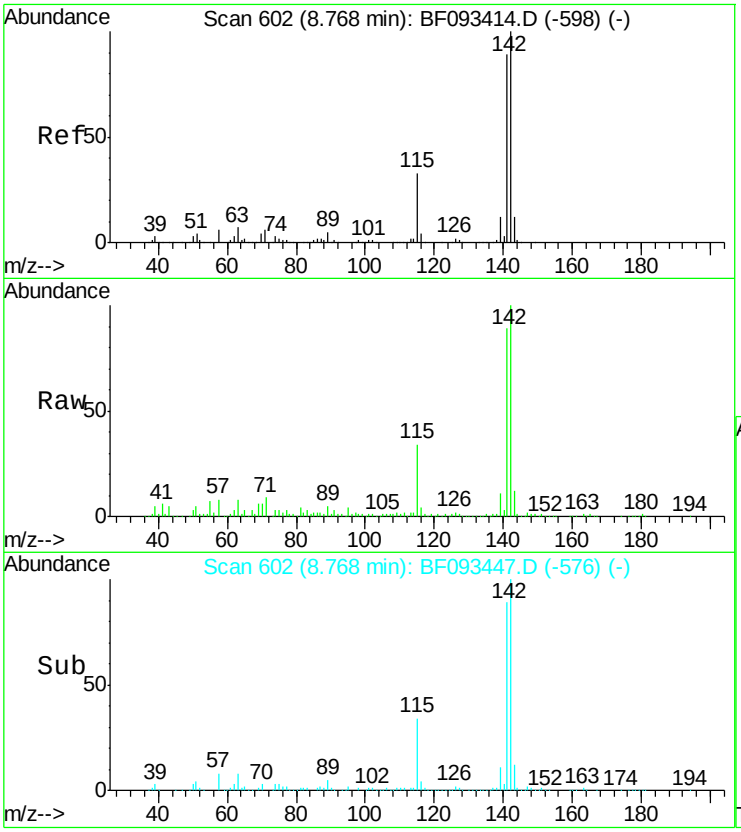


#35
Caprolactam
Concen: 8.61 ng
RT: 8.48 min Scan# 577
Delta R.T. -0.05 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:113 Resp: 22144

Ion	Ratio	Lower	Upper
113	100		
55	288.9	119.2	159.2#
56	249.0	83.8	123.8#



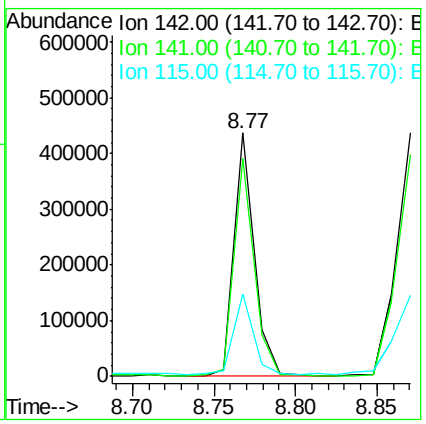


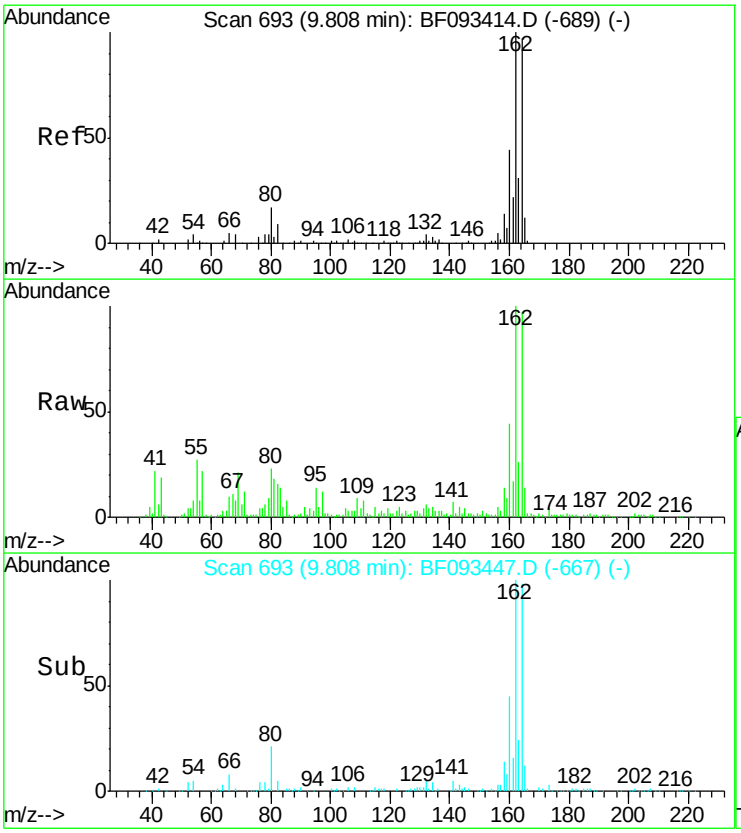
#37
2-Methylnaphthalene
Concen: 21.67 ng
RT: 8.77 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:142 Resp: 368052

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	33.9	28.3	42.5

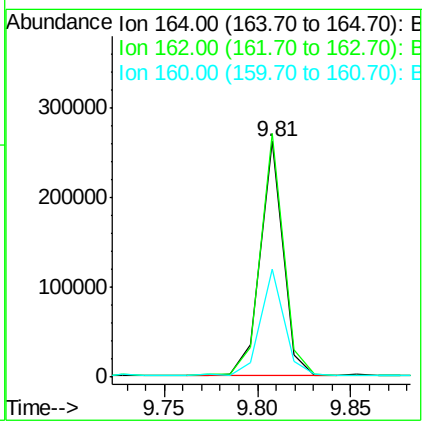


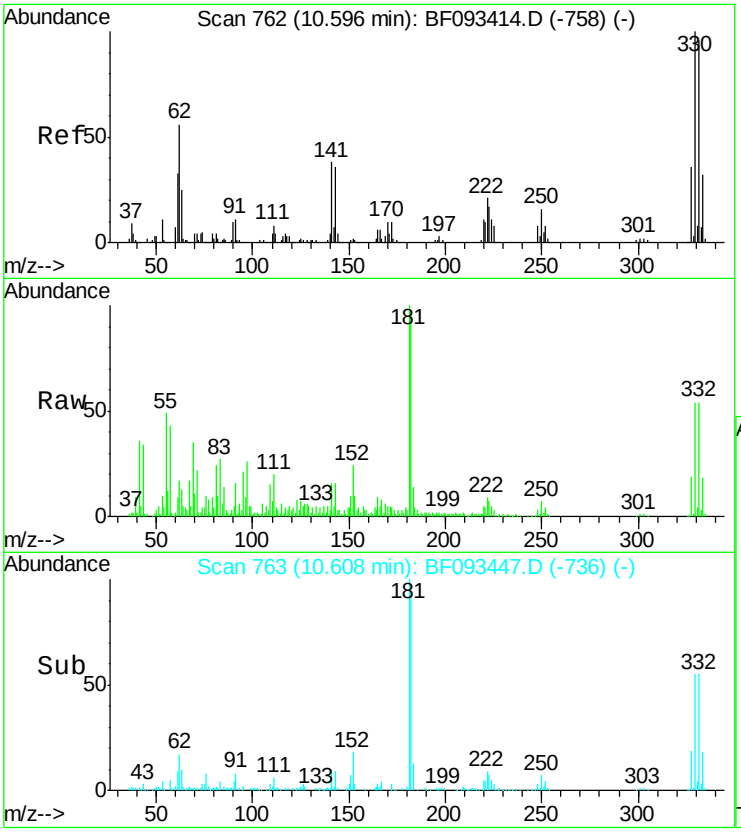


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:164 Resp: 221799

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.2	120.2
160	45.6	36.9	55.3



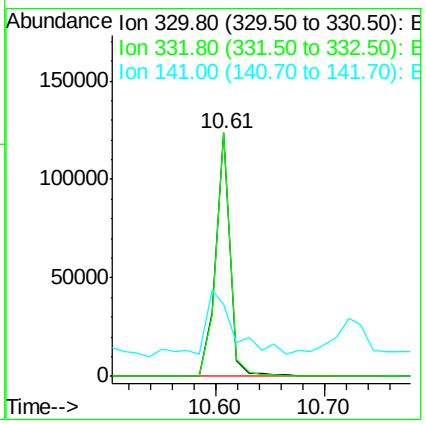


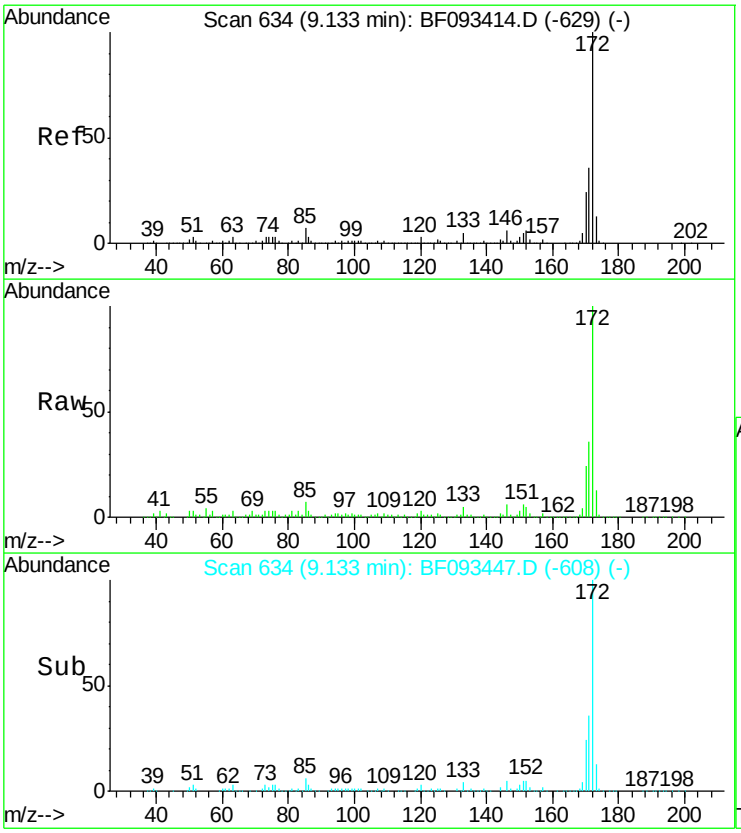
#41
2,4,6-Tribromophenol
Concen: 80.23 ng
RT: 10.61 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:330 Resp: 115939

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.4	116.2
141	61.4	34.1	51.1#

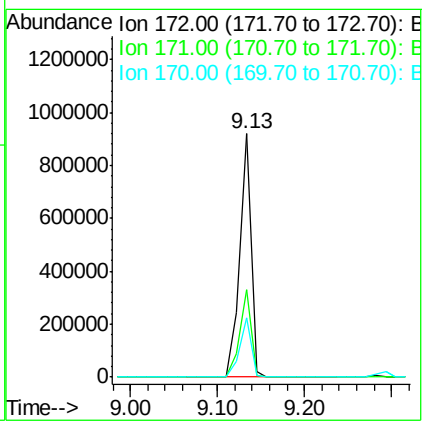


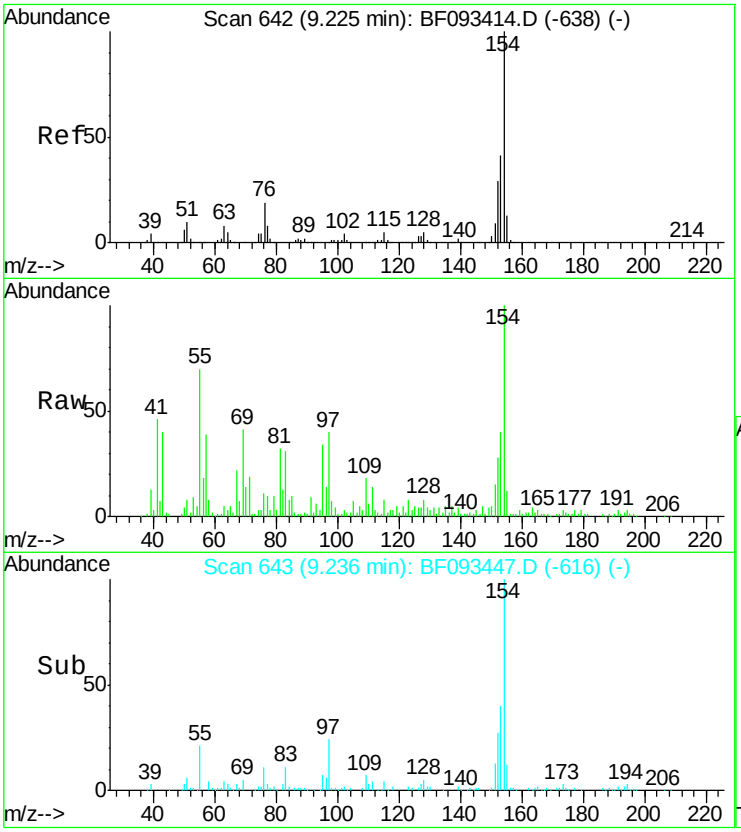


#44
2-Fluorobiphenyl
Concen: 69.34 ng
RT: 9.13 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:172 Resp: 826879

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.3	20.2	30.4



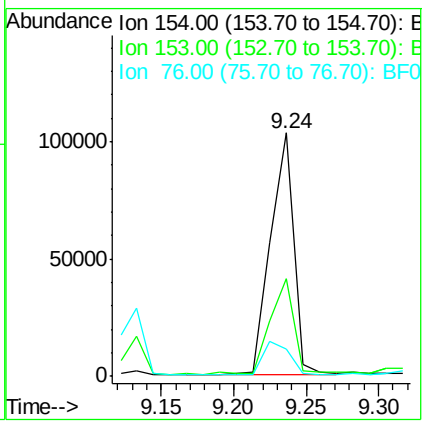


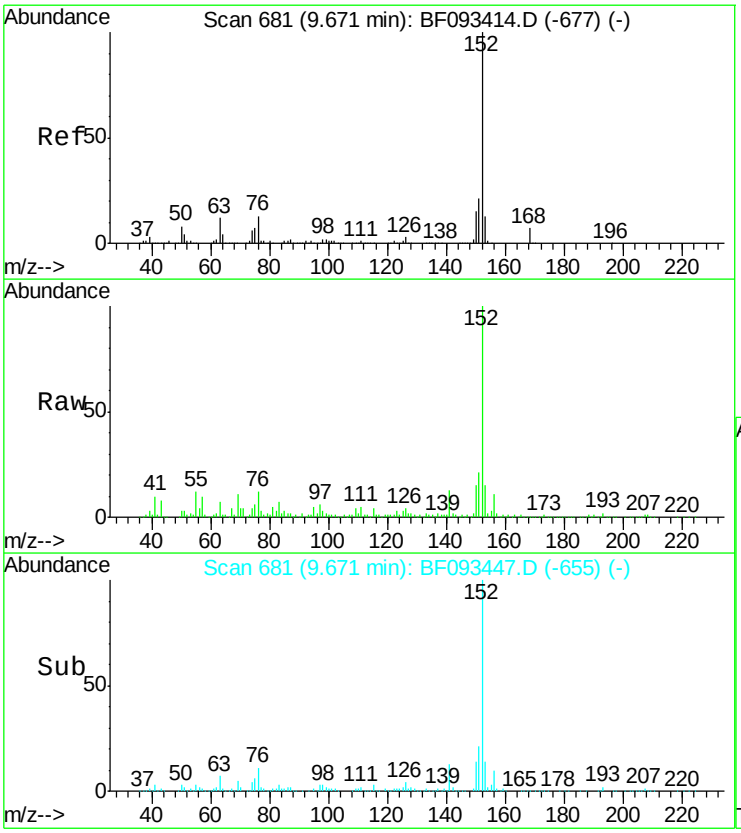
#45
1,1'-Biphenyl
Concen: 7.15 ng
RT: 9.24 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:154 Resp: 115515

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.9	60.9
76	11.4	0.0	30.5

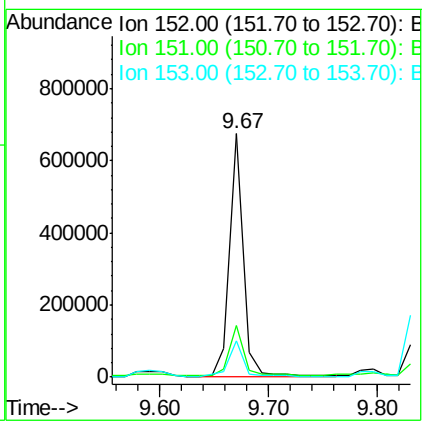


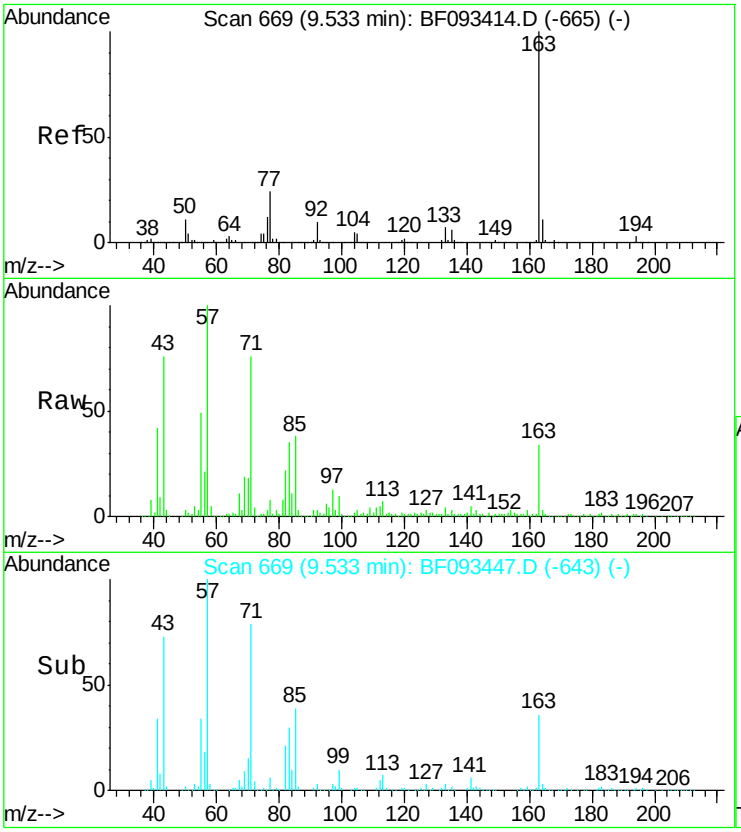


#48
Acenaphthylene
Concen: 28.53 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:152 Resp: 582021

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	14.6	11.4	17.2



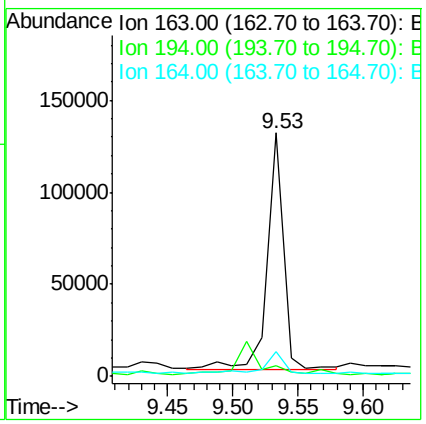


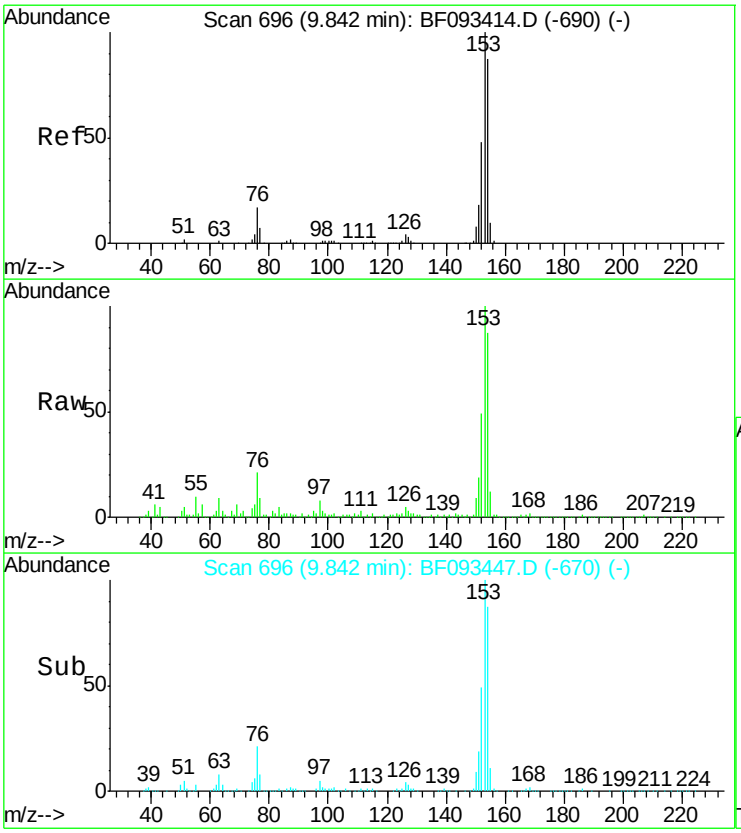
#49
Dimethylphthalate
Concen: 7.79 ng
RT: 9.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:163 Resp: 114544

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	10.3	8.0	12.0

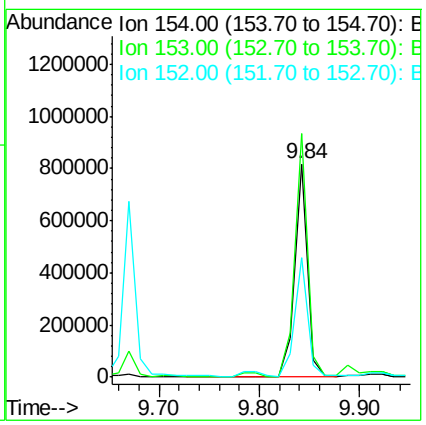


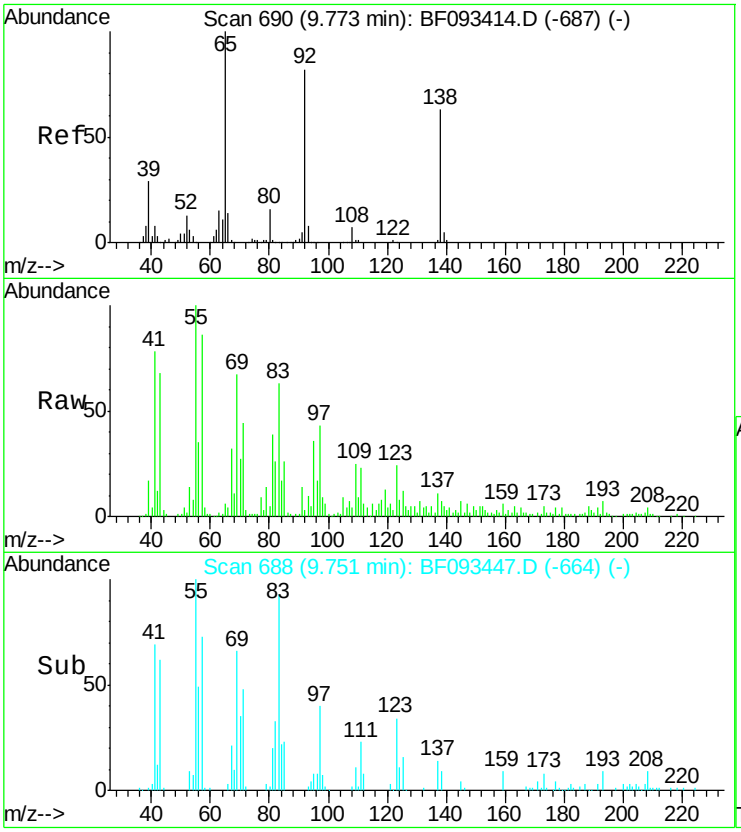


#51
Acenaphthene
Concen: 59.23 ng
RT: 9.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:154 Resp: 714401

Ion	Ratio	Lower	Upper
154	100		
153	114.3	88.6	133.0
152	55.9	41.6	62.4



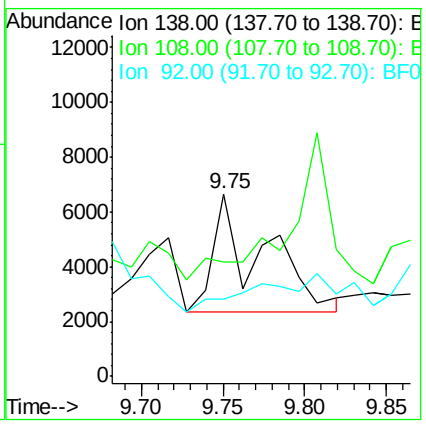


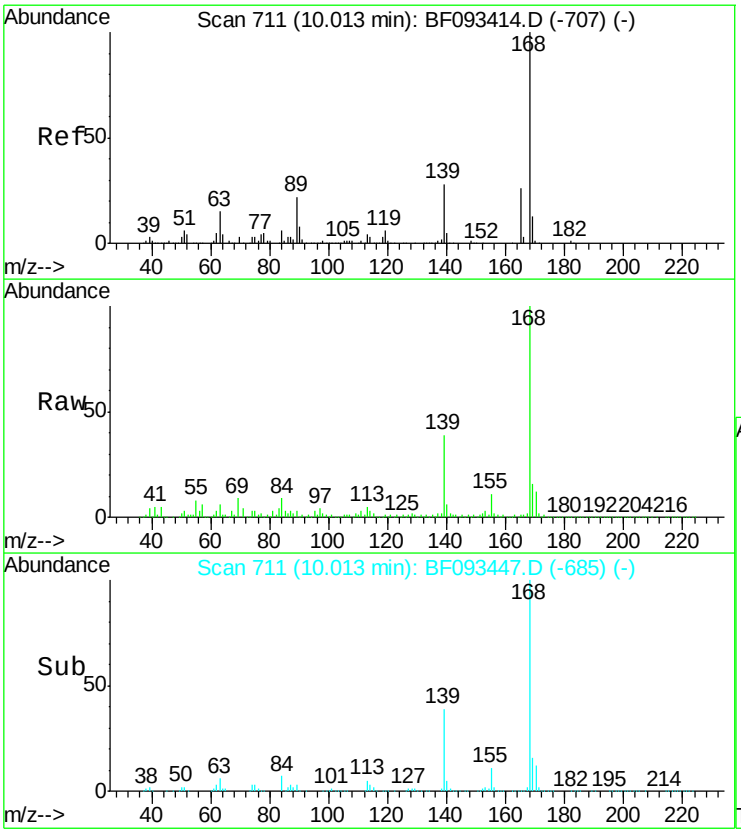
#52
3-Nitroaniline
Concen: 2.32 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:138 Resp: 8994

Ion	Ratio	Lower	Upper
138	100		
108	62.8	8.5	12.7#
92	42.7	97.8	146.8#

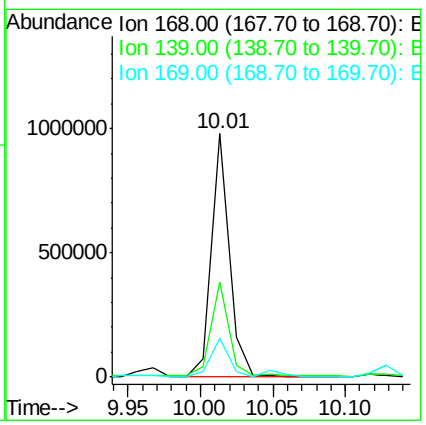


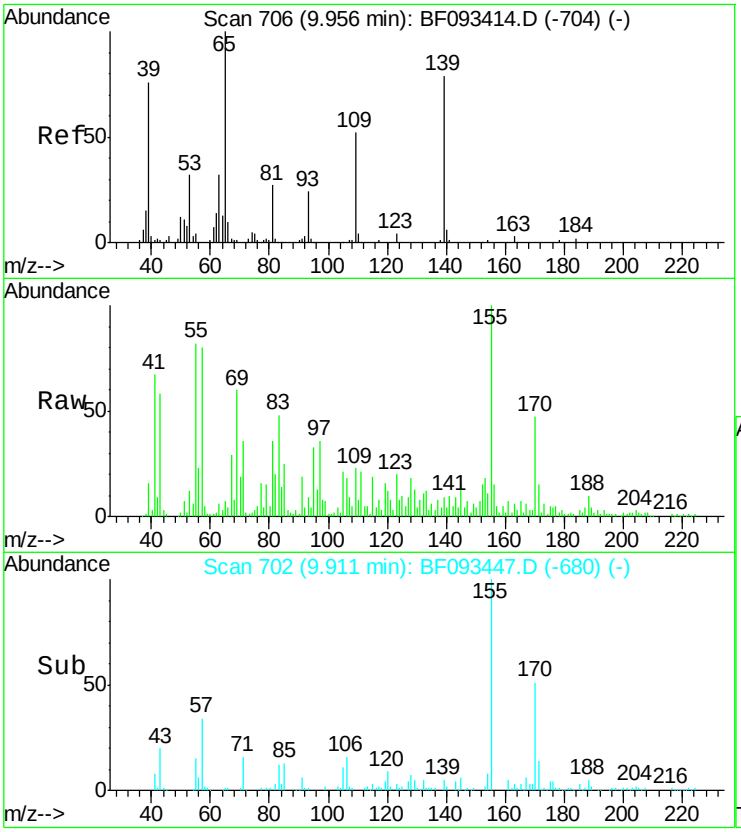


#54
Dibenzofuran
Concen: 55.30 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:168 Resp: 834940

Ion	Ratio	Lower	Upper
168	100		
139	39.2	32.6	49.0
169	15.8	11.3	16.9



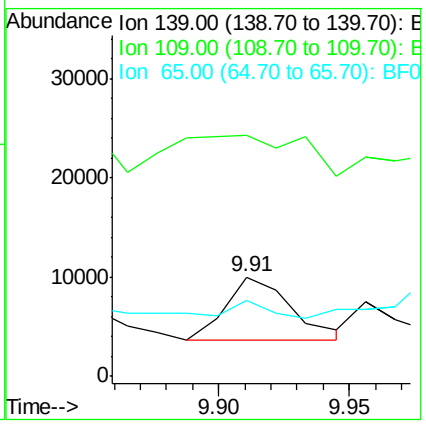


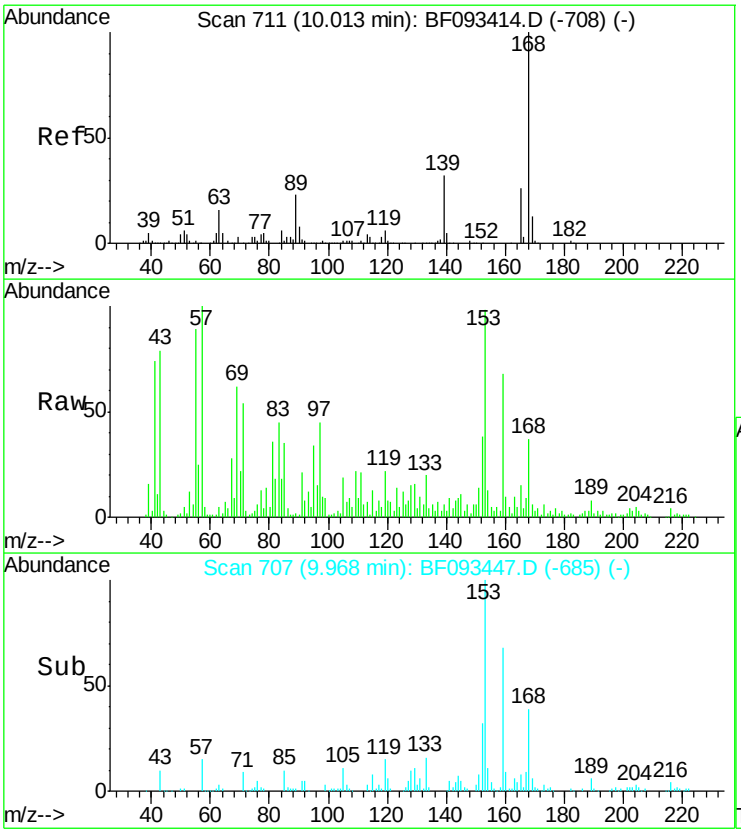
#55
4-Nitrophenol
Concen: 5.97 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:139 Resp: 11232

Ion	Ratio	Lower	Upper
139	100		
109	243.4	52.2	92.2#
65	76.5	85.8	125.8#

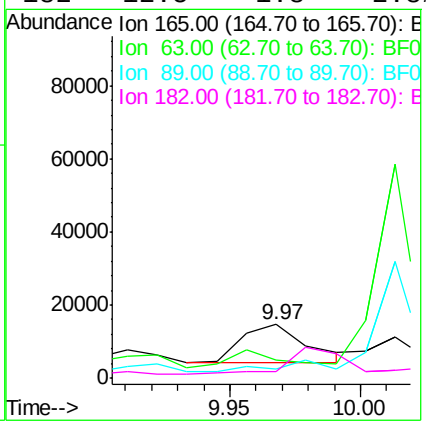


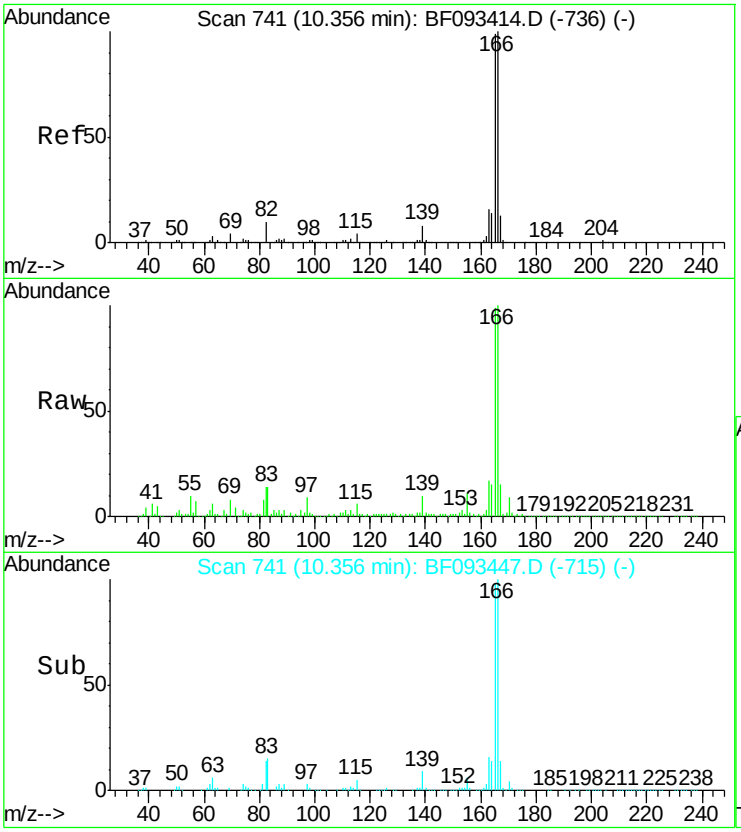


#56
2,4-Dinitrotoluene
Concen: 4.59 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.05 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:165 Resp: 18189

Ion	Ratio	Lower	Upper
165	100		
63	33.4	40.2	60.4#
89	16.0	62.5	93.7#
182	12.5	1.8	2.8#



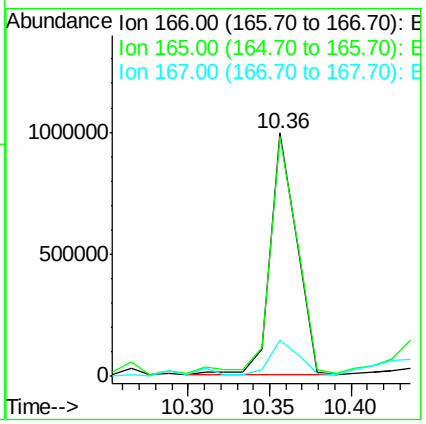


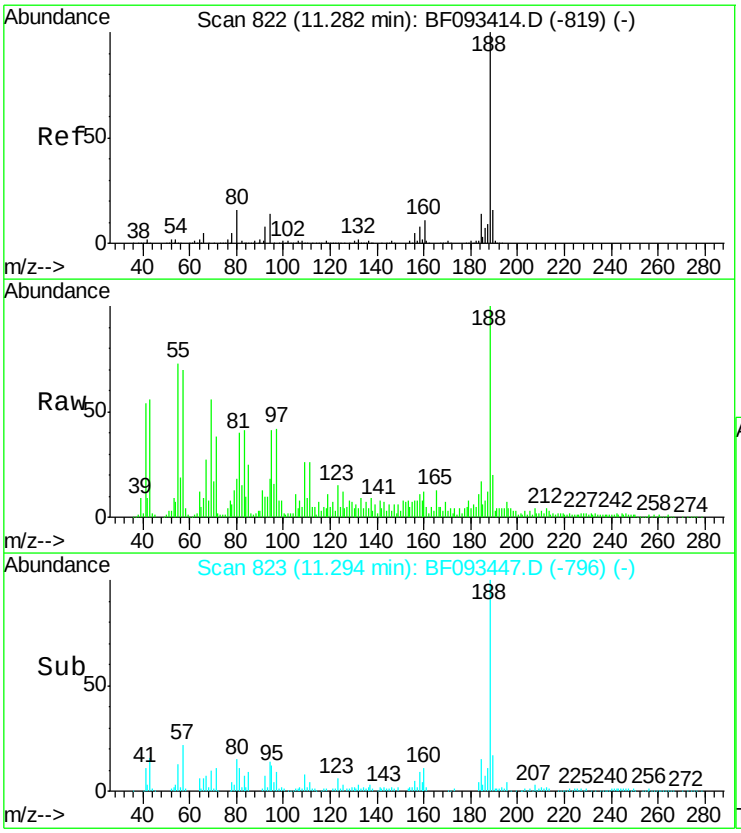
#57
Fluorene
Concen: 87.83 ng
RT: 10.36 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:166 Resp: 1123536

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.8
167	14.8	10.8	16.2

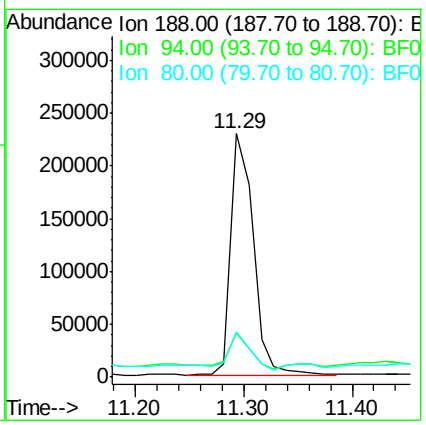


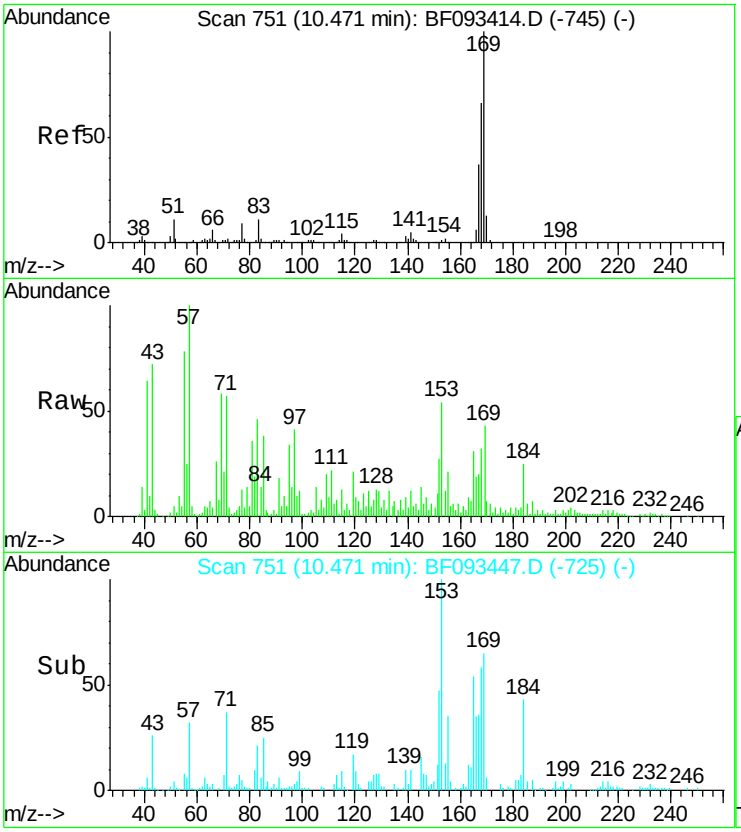


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:188 Resp: 324802

Ion	Ratio	Lower	Upper
188	100		
94	18.1	10.0	15.0#
80	18.4	11.2	16.8#



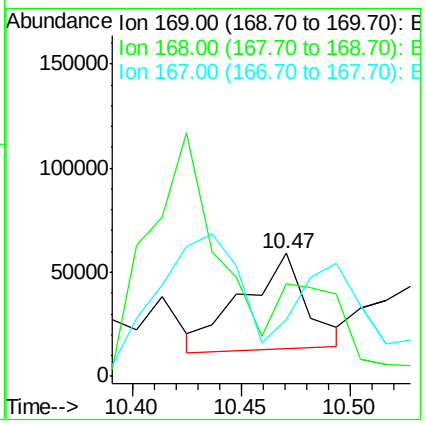


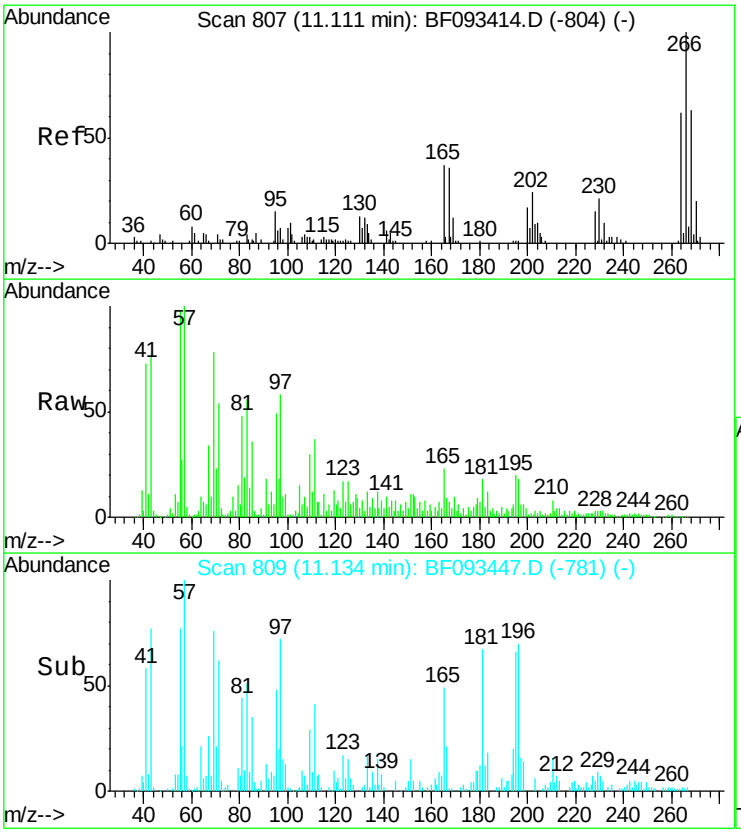
#65
n-Nitrosodiphenylamine
Concen: 8.60 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:169 Resp: 93286

Ion	Ratio	Lower	Upper
169	100		
168	75.3	54.2	81.2
167	45.8	30.2	45.4#

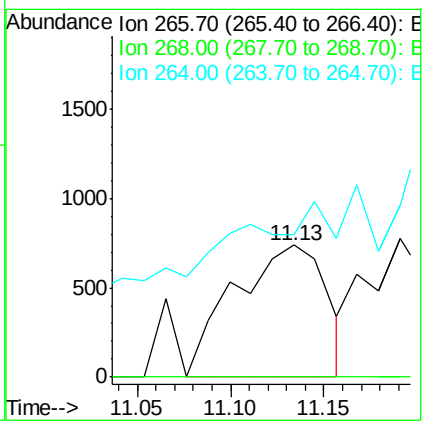


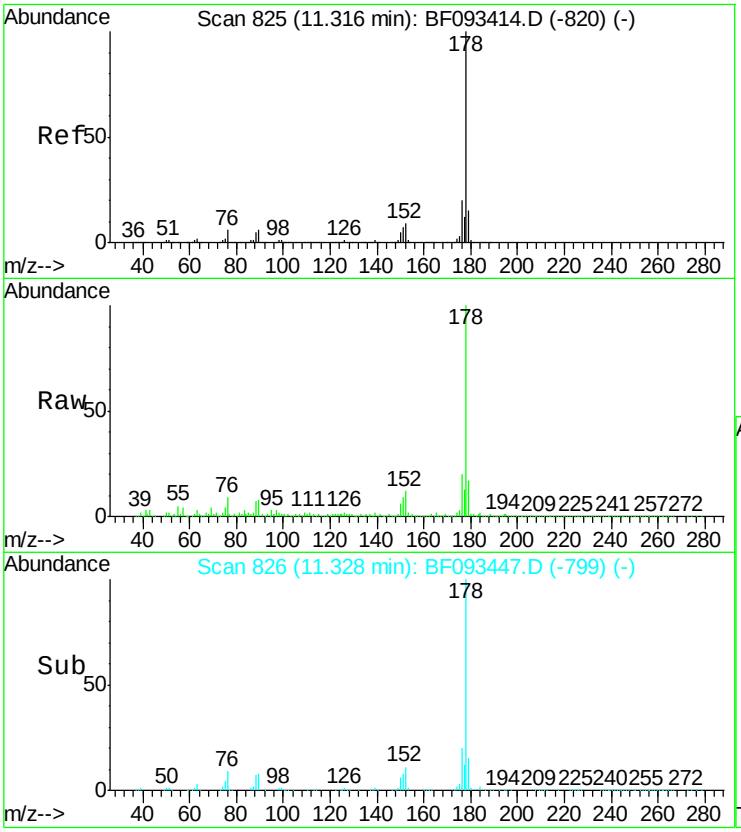


#69
Pentachlorophenol
Concen: 2.26 ng
RT: 11.13 min Scan# 809
Delta R.T. 0.02 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:266 Resp: 2554

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.3	79.9#
264	107.8	50.3	75.5#



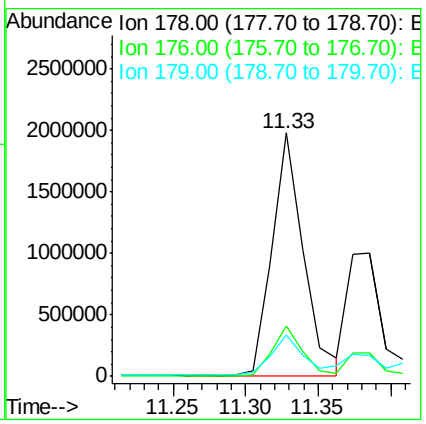


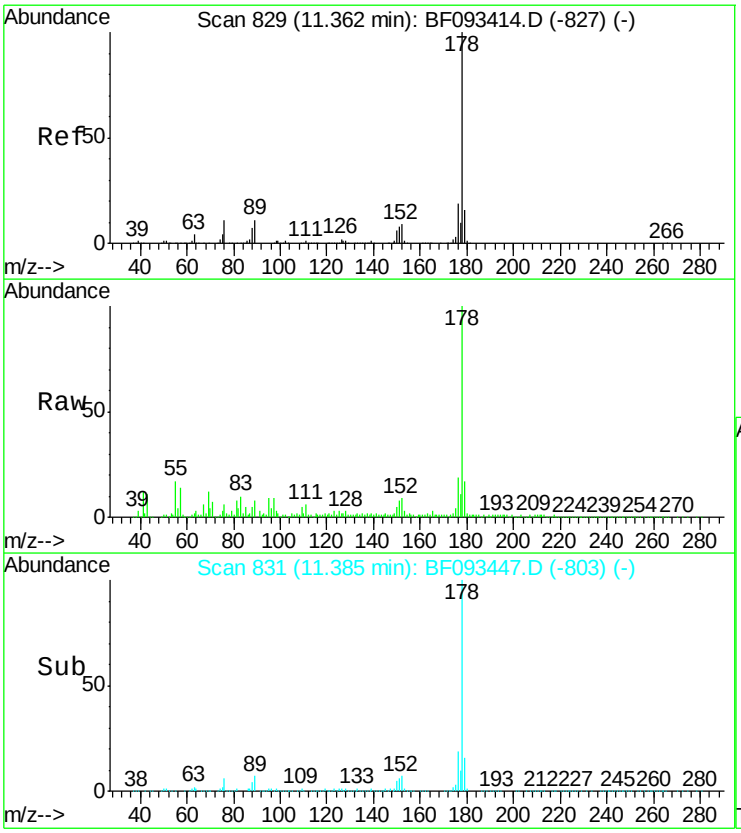
#70
Phenanthrene
Concen: 158.27 ng
RT: 11.33 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:178 Resp: 2934360

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	25.0
179	16.8	12.8	19.2

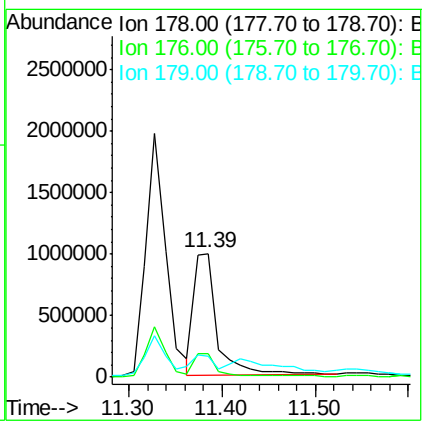


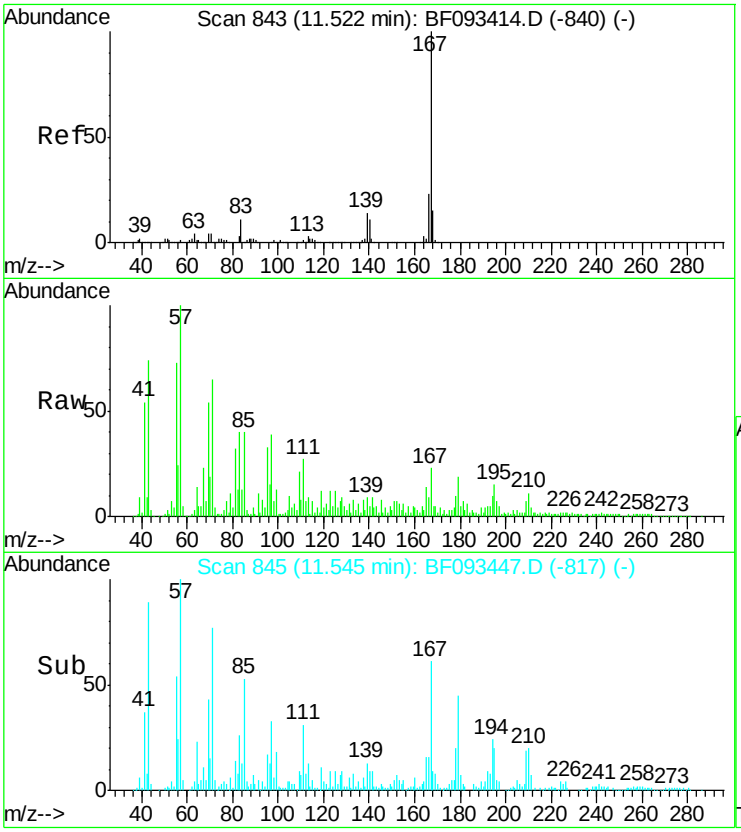


#71
Anthracene
Concen: 90.99 ng
RT: 11.39 min Scan# 831
Delta R.T. 0.02 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:178 Resp: 1706344

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	17.2	13.2	19.8



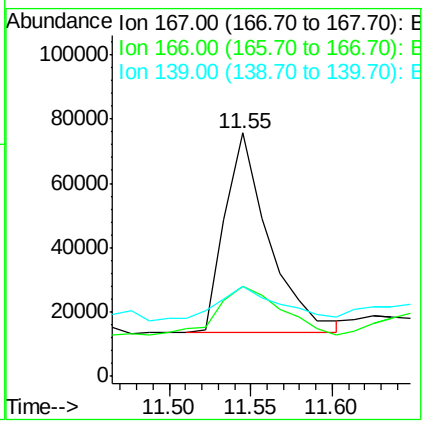


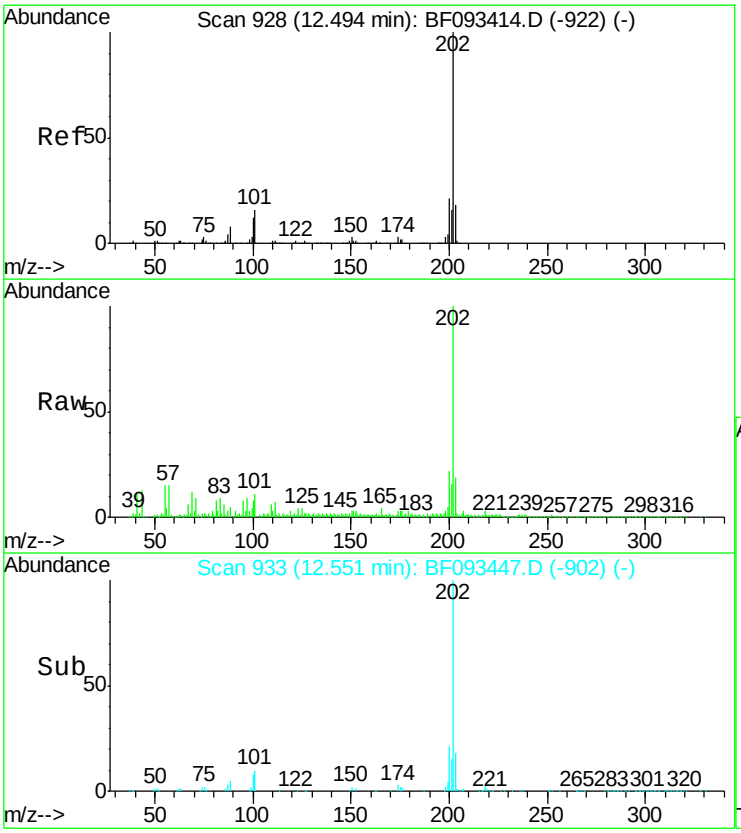
#72
Carbazole
Concen: 6.58 ng
RT: 11.55 min Scan# 845
Delta R.T. 0.02 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:167 Resp: 116014

Ion	Ratio	Lower	Upper
167	100		
166	37.2	18.2	27.2#
139	37.1	11.4	17.2#

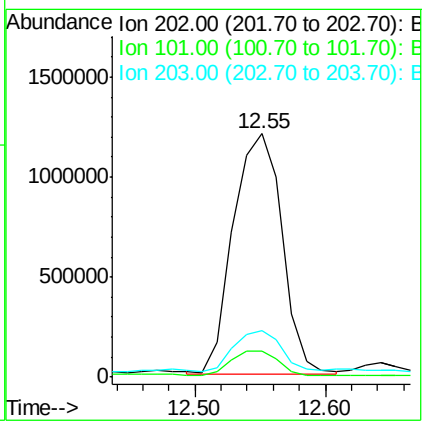


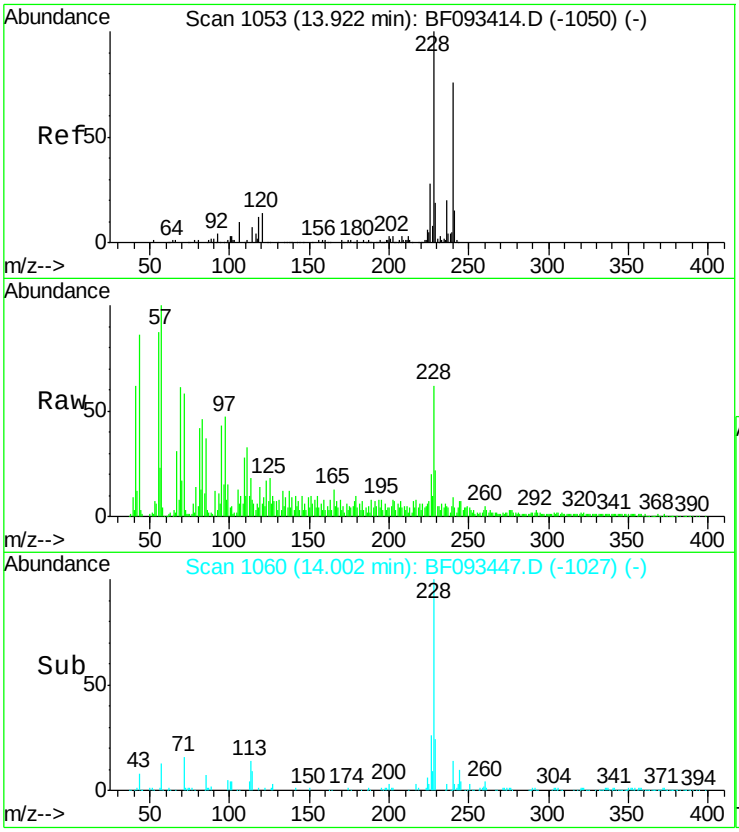


#74
Fluoranthene
Concen: 174.29 ng
RT: 12.55 min Scan# 933
Delta R.T. 0.06 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:202 Resp: 3121238

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.6
203	19.1	0.0	38.7



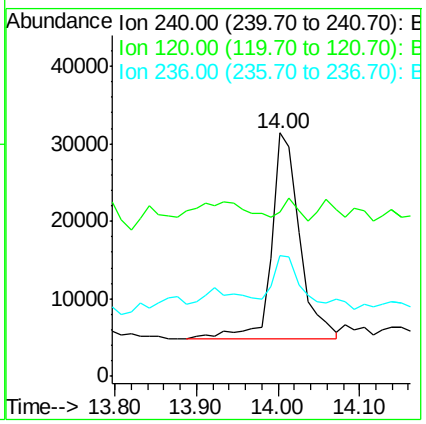


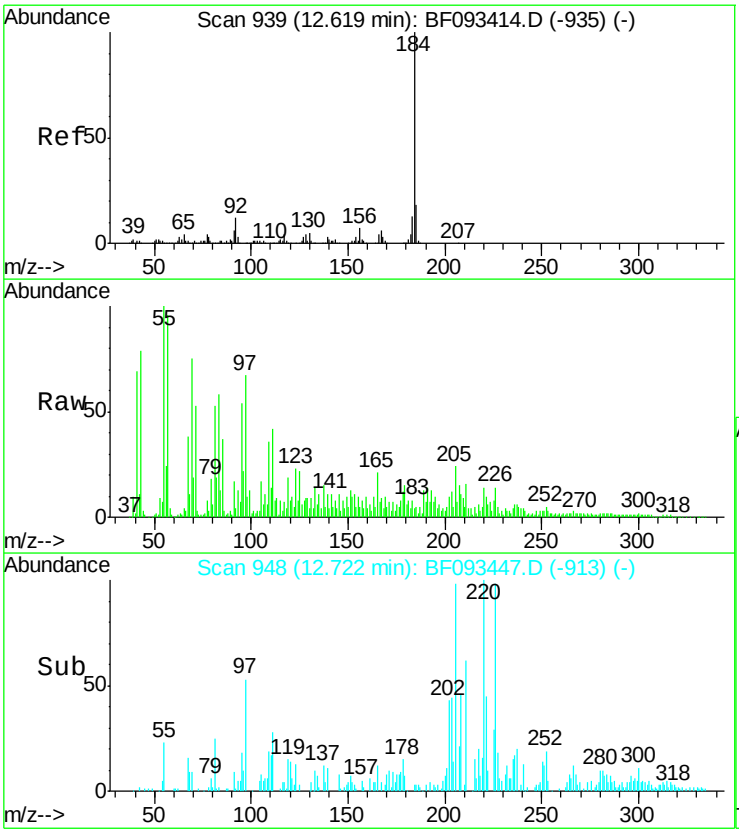
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1060
Delta R.T. 0.08 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:240 Resp: 64646

Ion	Ratio	Lower	Upper
240	100		
120	67.3	12.9	19.3#
236	49.5	20.9	31.3#

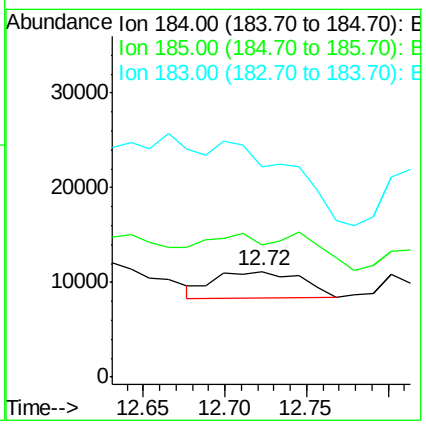


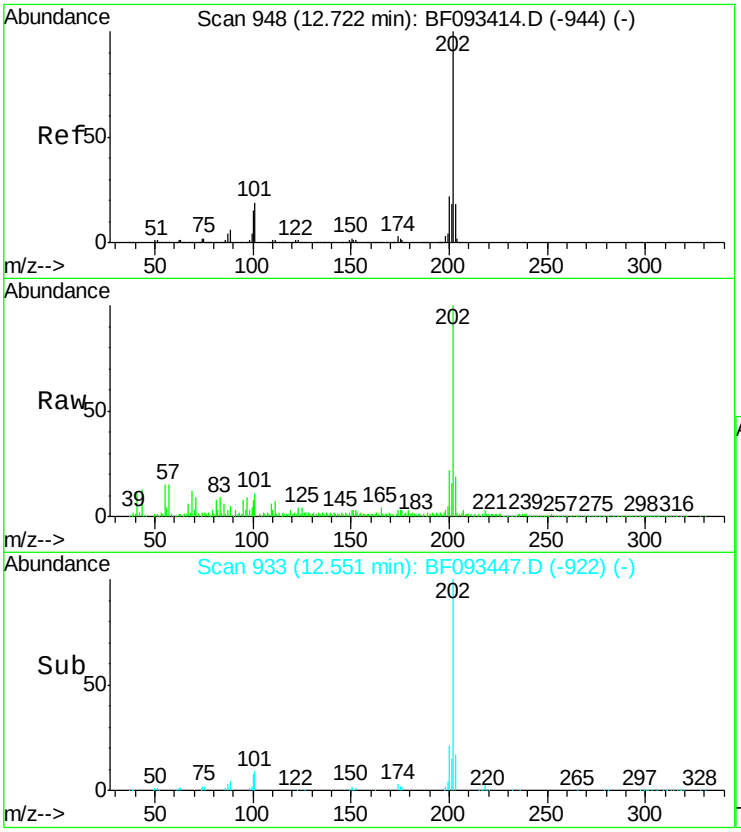


#76
Benzidine
Concen: 4.83 ng
RT: 12.72 min Scan# 948
Delta R.T. 0.10 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:184 Resp: 10269

Ion	Ratio	Lower	Upper
184	100		
185	125.3	13.4	20.0#
183	199.7	9.2	13.8#



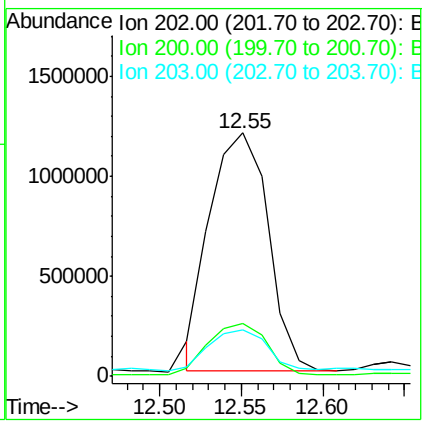


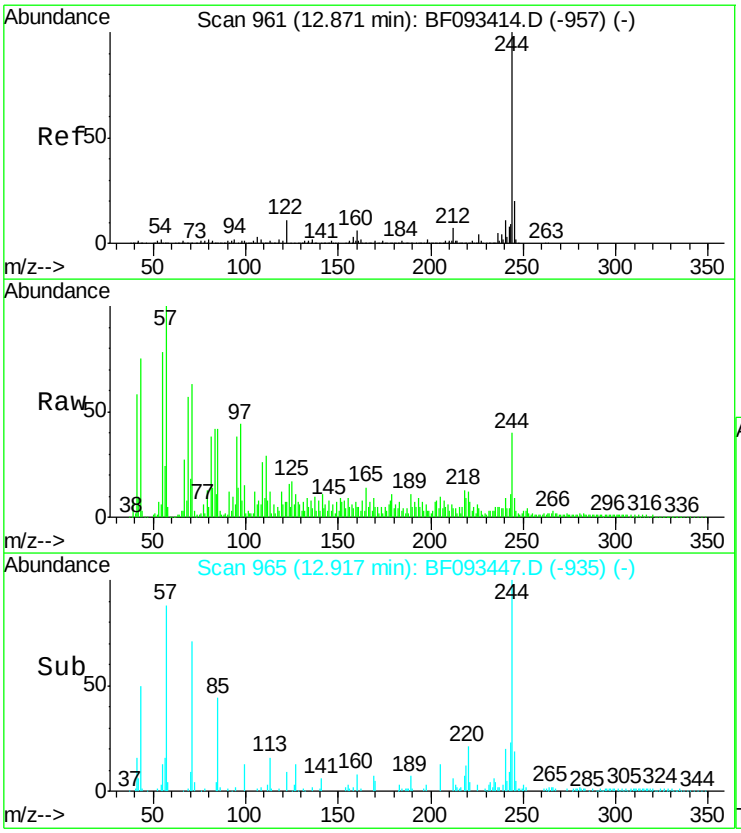
#77
Pyrene
Concen: 623.28 ng
RT: 12.55 min Scan# 933
Delta R.T. -0.17 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:202 Resp: 2930402

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	19.1	14.7	22.1

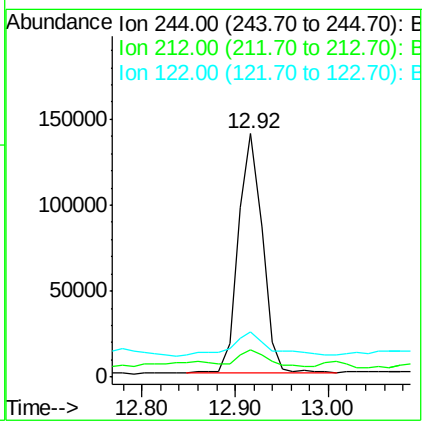


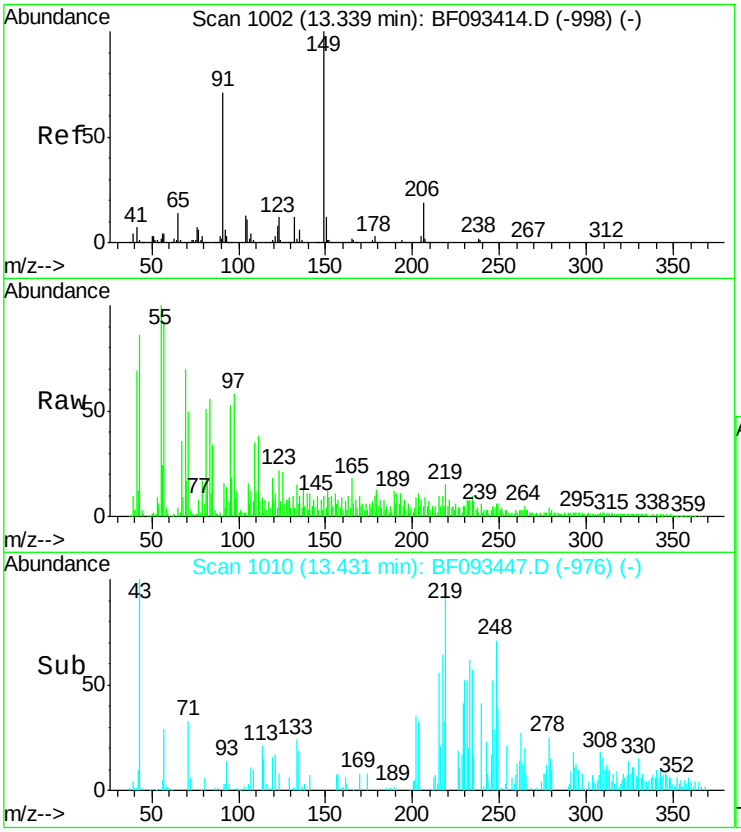


#78
Terphenyl-d14
Concen: 100.22 ng
RT: 12.92 min Scan# 965
Delta R.T. 0.05 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:244 Resp: 249193

Ion	Ratio	Lower	Upper
244	100		
212	11.2	6.2	9.2#
122	18.8	11.4	17.2#



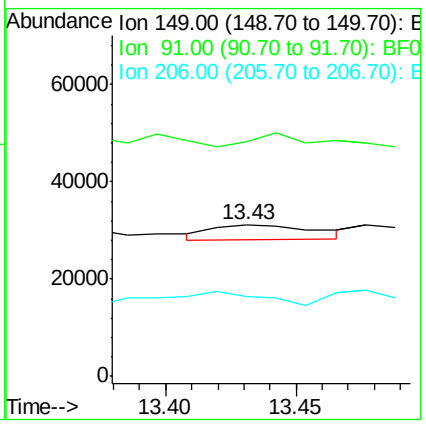


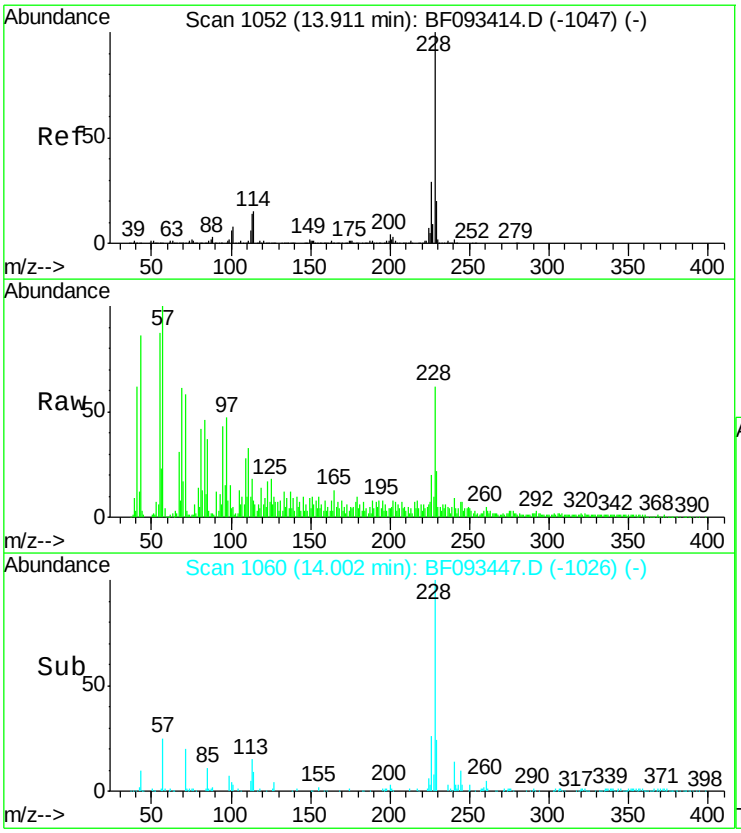
#79
Butylbenzylphthalate
Concen: 4.16 ng
RT: 13.43 min Scan# 1010
Delta R.T. 0.09 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:149 Resp: 8239

Ion	Ratio	Lower	Upper
149	100		
91	154.5	63.9	95.9#
206	52.3	14.6	21.8#

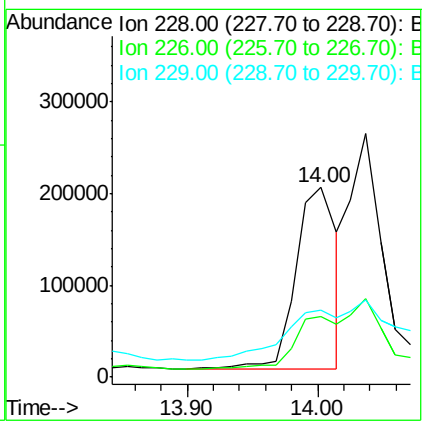


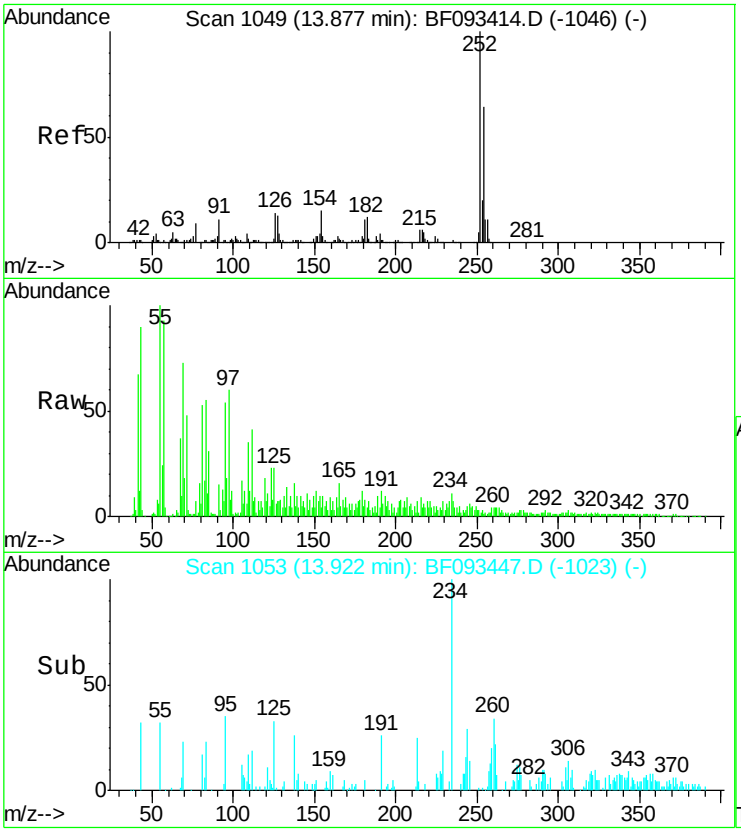


#80
Benzo(a)anthracene
Concen: 113.86 ng
RT: 14.00 min Scan# 1060
Delta R.T. 0.09 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:228 Resp: 434664

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.4	33.6
229	35.2	16.2	24.4#



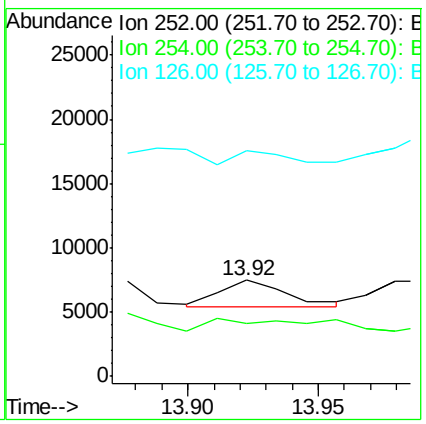


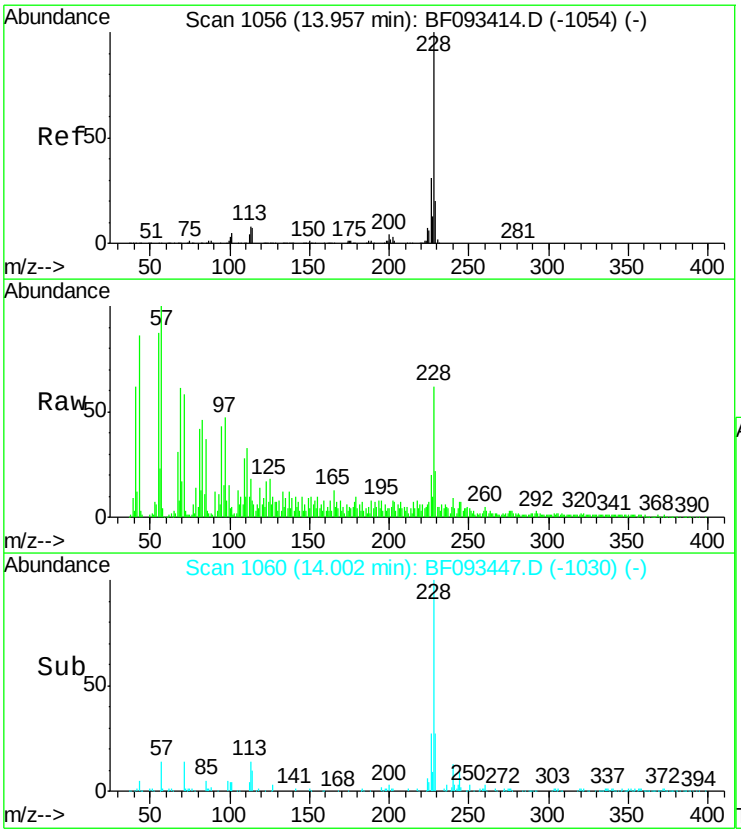
#81
3,3'-Dichlorobenzidine
Concen: 2.72 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.05 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:252 Resp: 3641

Ion	Ratio	Lower	Upper
252	100		
254	55.5	52.3	78.5
126	235.0	13.6	20.4#

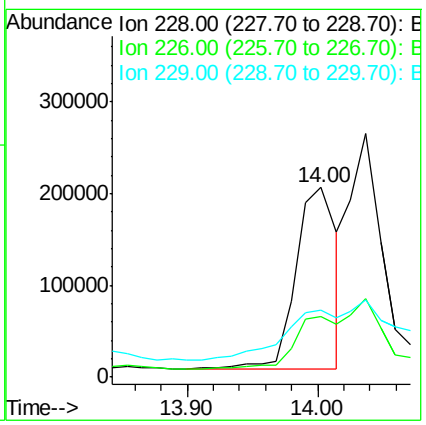


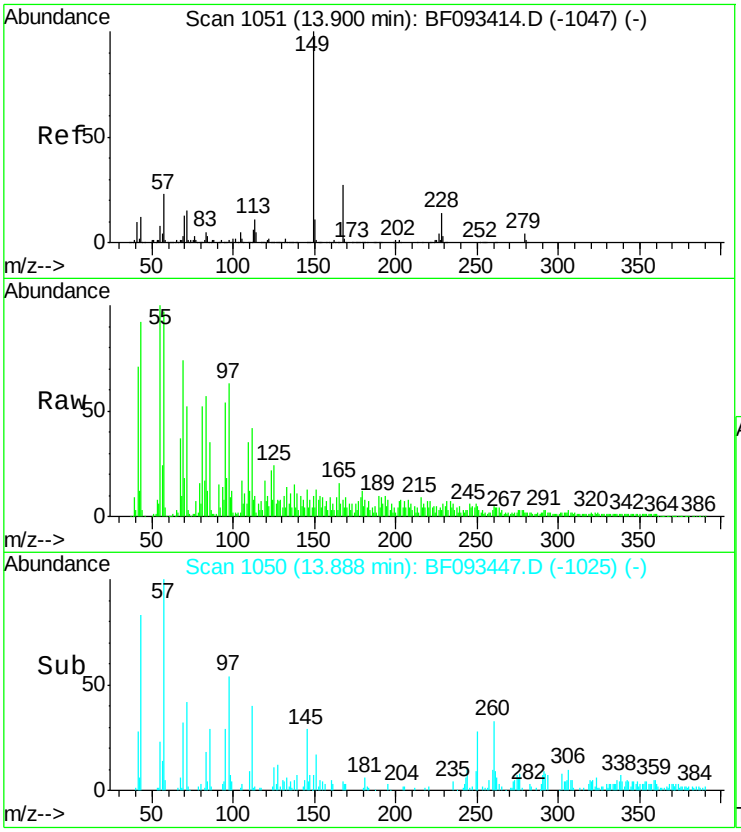


#82
Chrysene
Concen: 123.06 ng
RT: 14.00 min Scan# 1060
Delta R.T. 0.05 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:228 Resp: 434664

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	35.2	16.2	24.2#



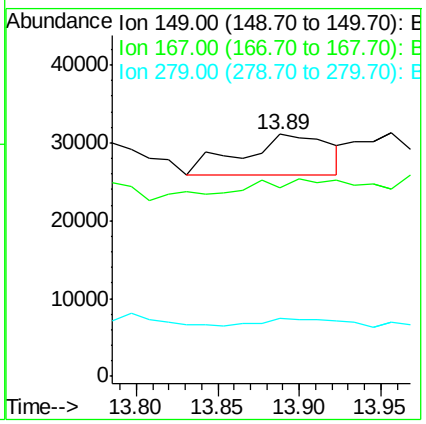


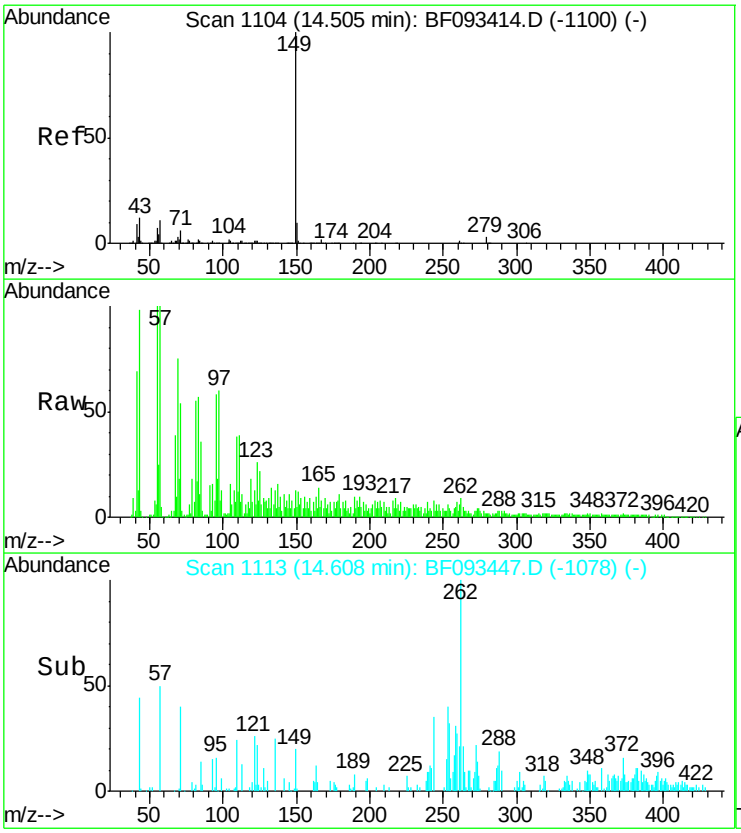
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.06 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:149 Resp: 19464

Ion	Ratio	Lower	Upper
149	100		
167	77.6	20.2	30.4#
279	23.9	1.8	2.8#

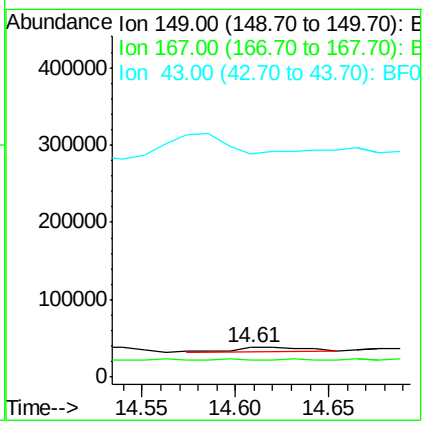


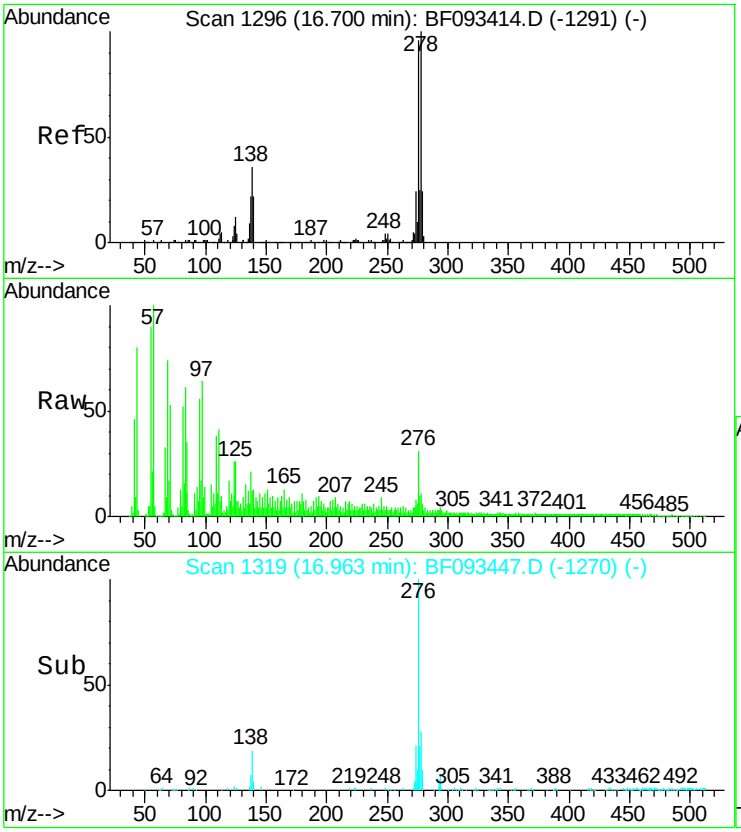


#84
Di-n-octyl phthalate
Concen: 2.93 ng
RT: 14.61 min Scan# 1113
Delta R.T. 0.10 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:149 Resp: 13478

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	8.9	13.3#



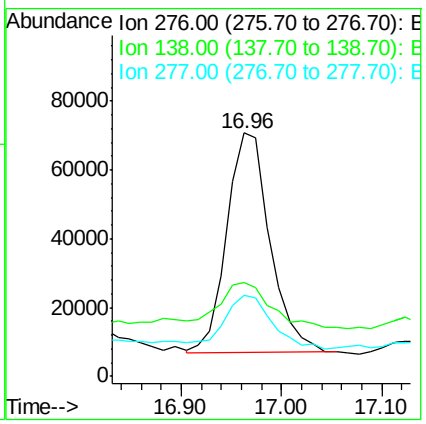


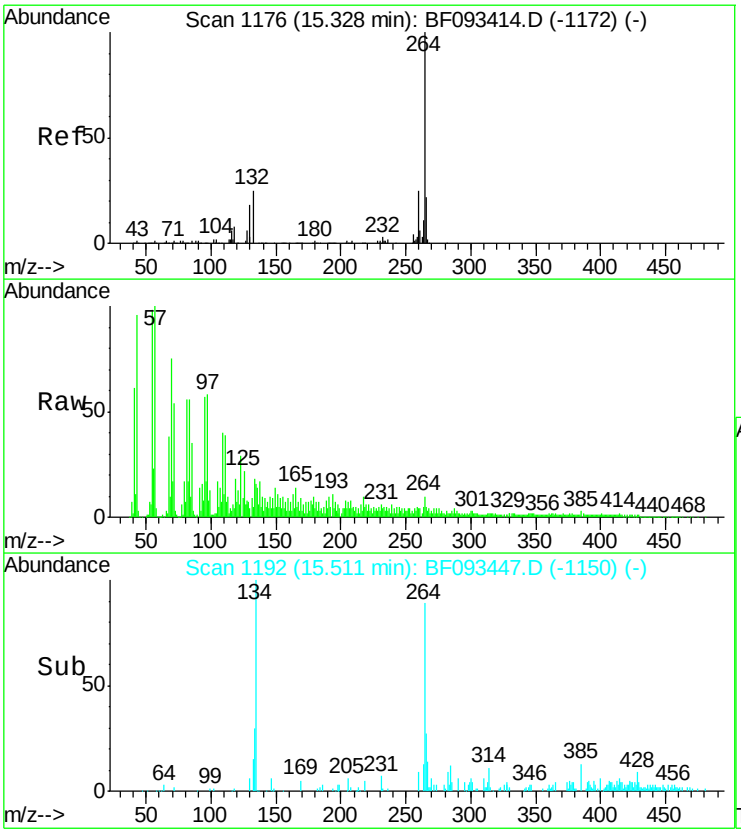
#85
Indeno(1,2,3-cd)pyrene
Concen: 64.69 ng
RT: 16.96 min Scan# 1319
Delta R.T. 0.26 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:276 Resp: 191275

Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.8	32.6
277	27.5	20.2	30.4

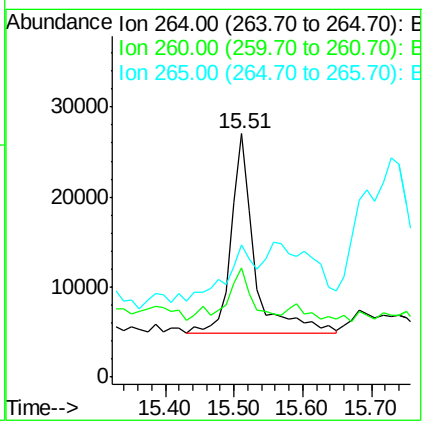


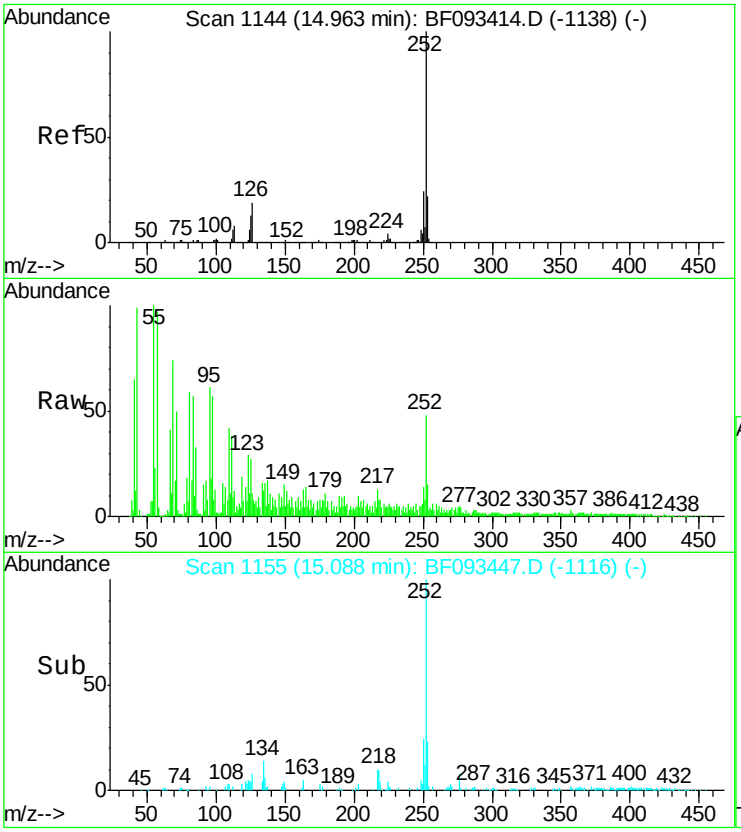


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1192
Delta R.T. 0.18 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:264 Resp: 52504

Ion	Ratio	Lower	Upper
264	100		
260	45.0	19.2	28.8#
265	54.2	17.4	26.0#



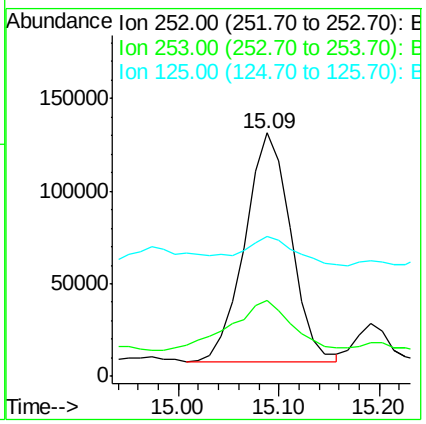


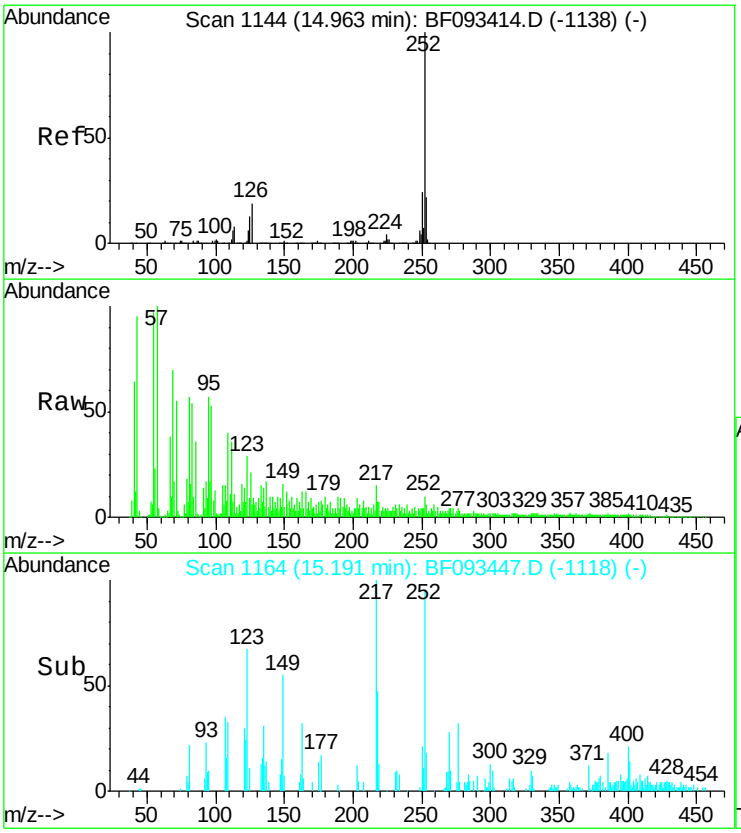
#87
Benzo(b)fluoranthene
Concen: 122.47 ng
RT: 15.09 min Scan# 1155
Delta R.T. 0.15 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:252 Resp: 391620

Ion	Ratio	Lower	Upper
252	100		
253	31.4	18.2	27.4#
125	57.7	9.8	14.6#

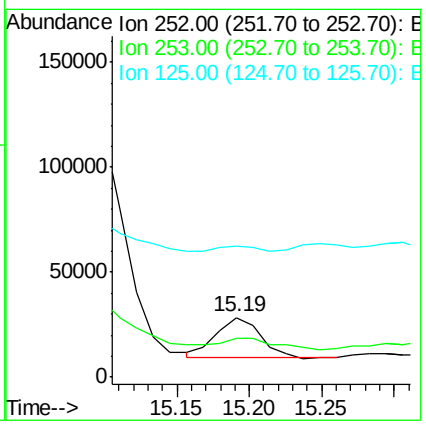


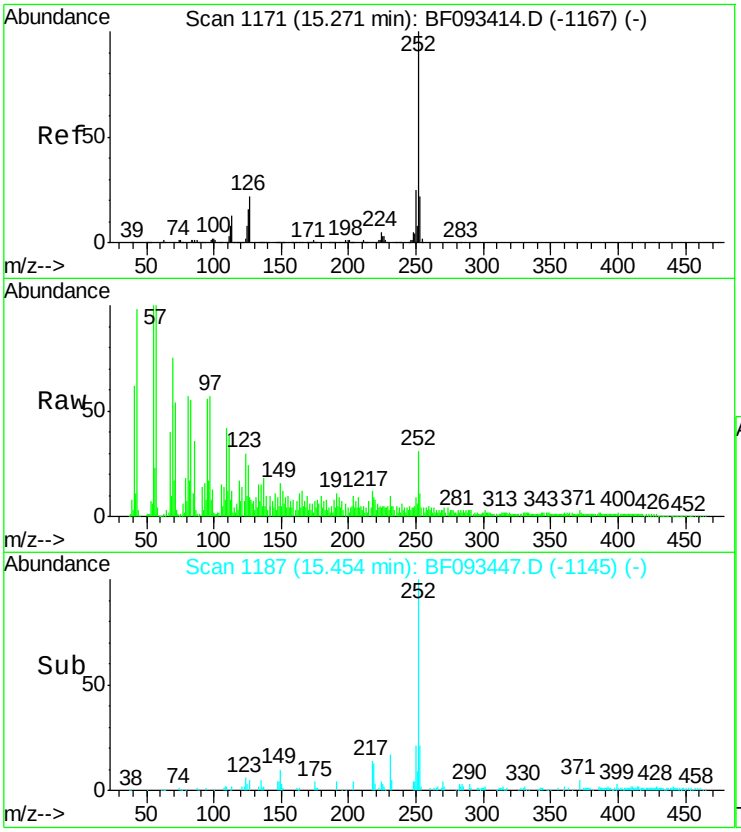


#88
Benzo(k)fluoranthene
Concen: 13.45 ng
RT: 15.19 min Scan# 1164
Delta R.T. 0.23 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:252 Resp: 41467

Ion	Ratio	Lower	Upper
252	100		
253	64.8	18.5	27.7#
125	219.7	8.9	13.3#



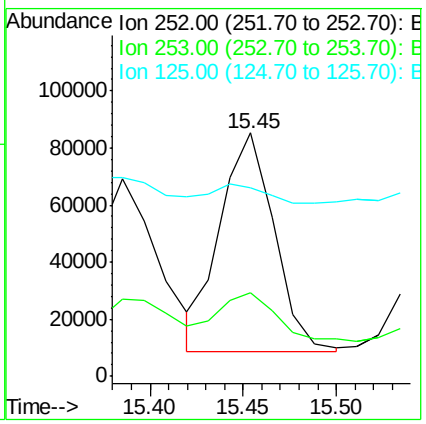


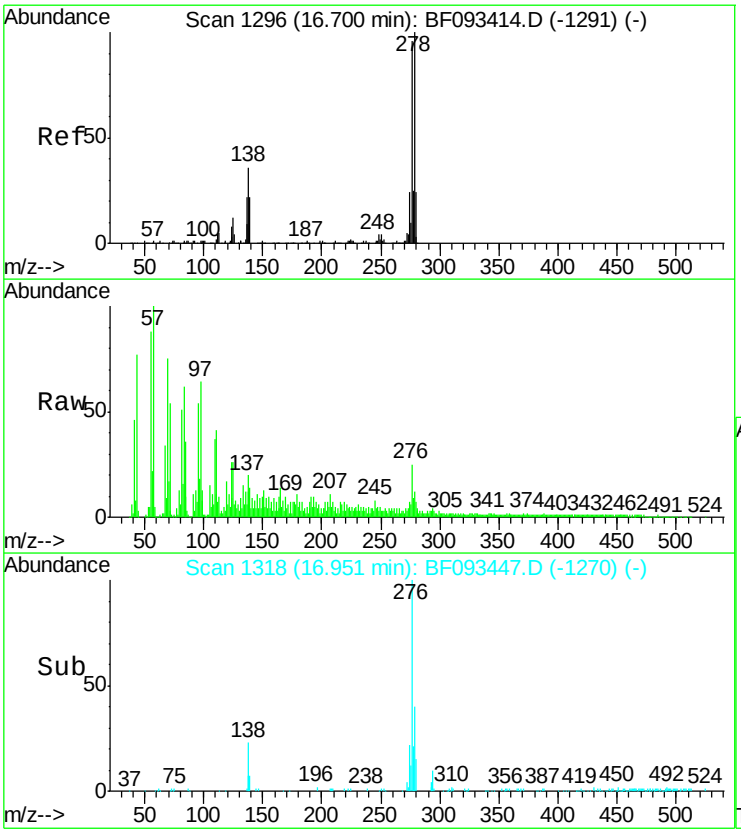
#89
Benzo(a)pyrene
Concen: 53.06 ng
RT: 15.45 min Scan# 1187
Delta R.T. 0.18 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:252 Resp: 155056

Ion	Ratio	Lower	Upper
252	100		
253	34.4	18.2	27.2#
125	77.3	10.0	15.0#

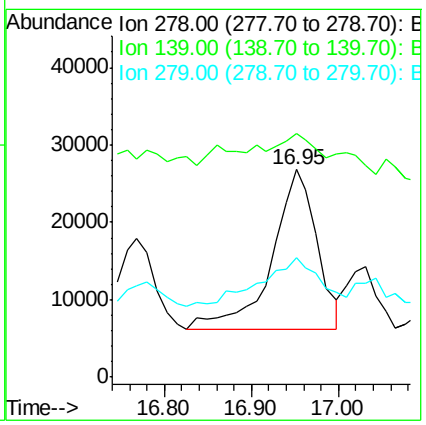


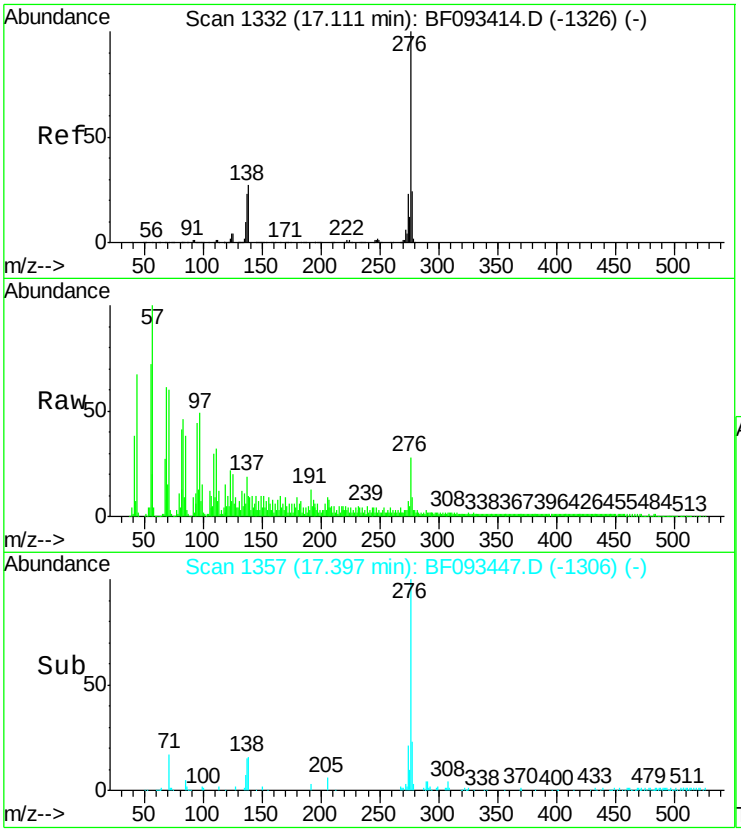


#90
Dibenzo(a,h)anthracene
Concen: 30.54 ng
RT: 16.95 min Scan# 1318
Delta R.T. 0.25 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Tgt Ion:278 Resp: 73836

Ion	Ratio	Lower	Upper
278	100		
139	117.2	14.8	22.2#
279	57.7	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 79.62 ng
RT: 17.40 min Scan# 1357
Delta R.T. 0.29 min
Lab File: BF093447.D
Acq: 8 Mar 2017 23:50

Instrument :
BNA_F
ClientSampleId :
HY-SB413A

Tgt Ion:276 Resp: 197585

Ion	Ratio	Lower	Upper
276	100		
277	33.8	19.2	28.8#
138	35.9	16.0	24.0#