Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\

Quantitation Report (Not Reviewed)

Data File : BF093125.D
Acq On : 24 Feb 2017 00:56
Operator : SJ/MA
Sample : I1954-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-S-03(0-5)

Quant Time: Feb 24 02:38:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	153461	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	567073	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	244363	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	388230	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	331427	20.00	ng		-0.02
86) Perylene-d12	15.43	264	275521	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	971484	108.61	ng		-0.01
7) Phenol-d6	6.49	99	1388506	120.64	ng		0.00
23) Nitrobenzene-d5	7.41	82	794014	77.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	208107	117.75	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1220721	90.50	ng		-0.01
78) Terphenyl-d14	12.95	244	763690	54.14	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.50	94	42968	3.19	ng	#	67
19) n-Nitroso-di-n-propylamine	7.40	70	102938	14.05	ng	#	84
25) Isophorone	7.41	82	755182	39.80	ng	#	65
49) Dimethylphthalate	9.60	163	131873	8.01	ng		100
56) 2,4-Dinitrotoluene	9.88	165	32858	6.94	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.67	198	366	2.82	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	16448	4.06	ng	#	1
70) Phenanthrene	11.39	178	365475	16.43	ng		96
71) Anthracene	11.44	178	108029	4.84	ng		96
74) Fluoranthene	12.58	202	647742	28.23	ng		92
77) Pyrene	12.81	202	609575	24.58	ng		98
80) Benzo(a)anthracene	13.99	228	335775	16.56	ng		98
82) Chrysene	14.02	228	249204	13.13	ng		97
85) Indeno(1,2,3-cd)pyrene	16.82	276	94280	6.41	ng		94
87) Benzo(b)fluoranthene	15.03	252	388681	21.43	ng		98
88) Benzo(k)fluoranthene	15.03	252	388681	24.82	ng	#	96
89) Benzo(a)pyrene	15.37	252	212252	13.53	ng		99
90) Dibenzo(a,h)anthracene	16.83	278	28586	2.25	ng	#	87
91) Benzo(g,h,i)perylene	17.24	276	88578	6.92	ng	#	88

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\

Quantitation Report (Not Reviewed)

Data File : BF093125.D
Acq On : 24 Feb 2017 00:56
Operator : SJ/MA
Sample : I1954-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Quant Time: Feb 24 02:38:17 2017
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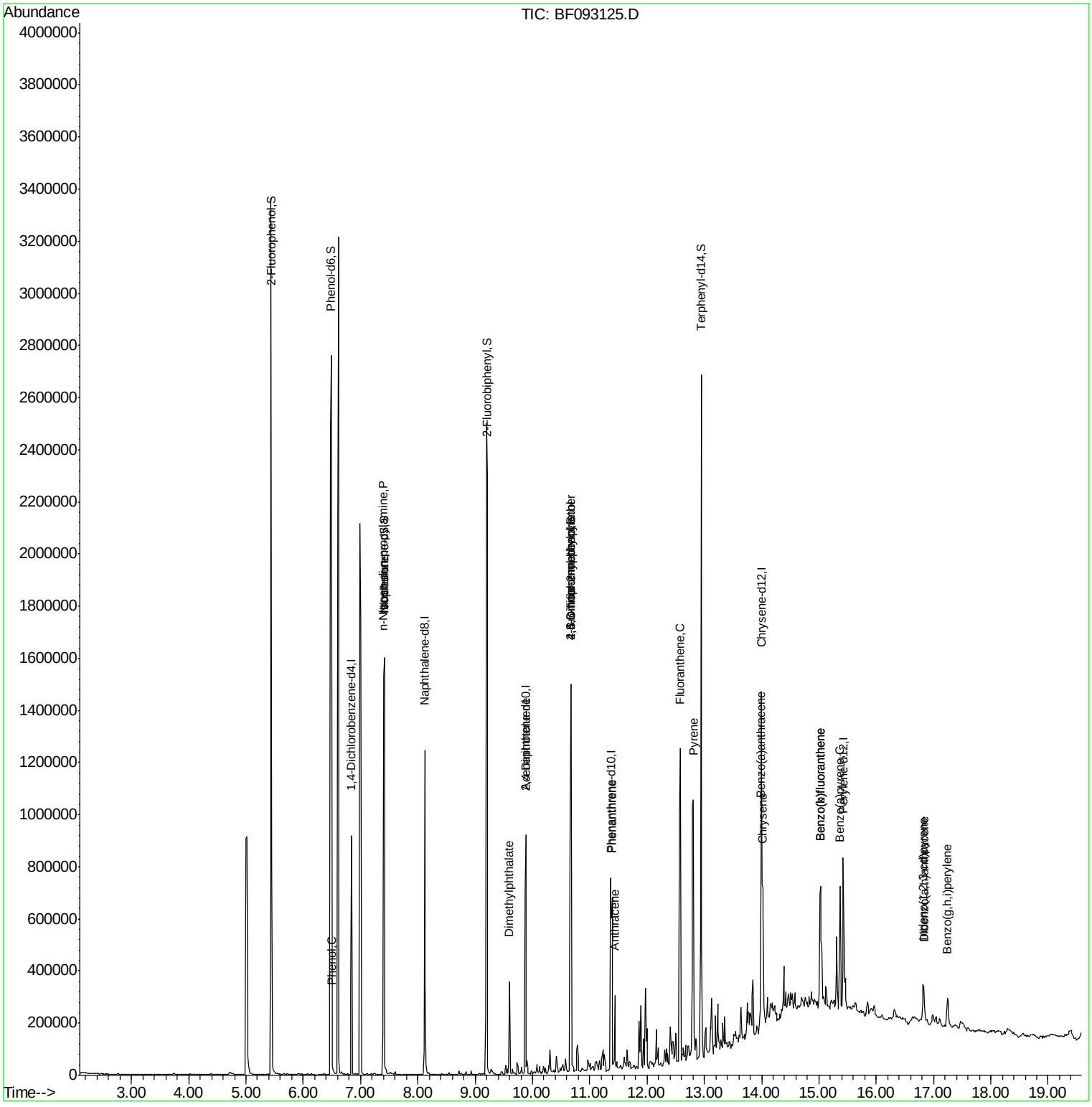
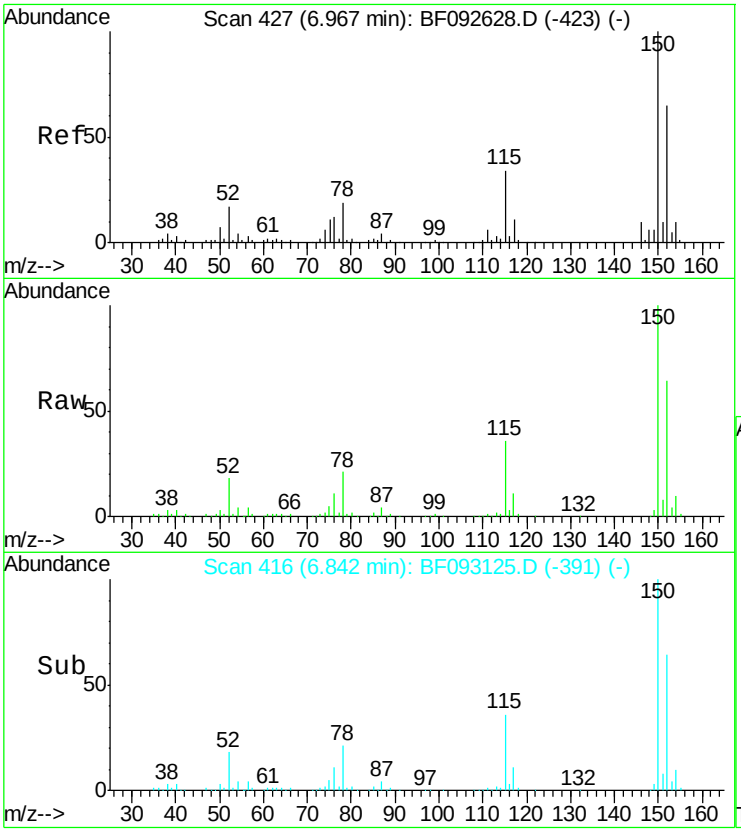


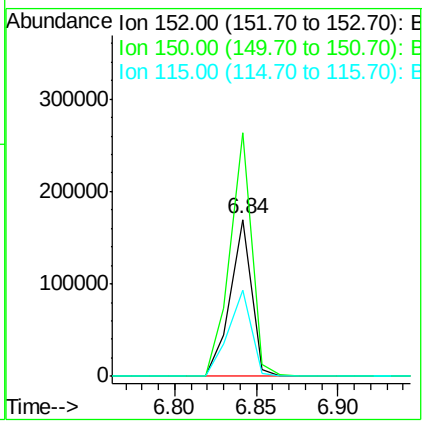


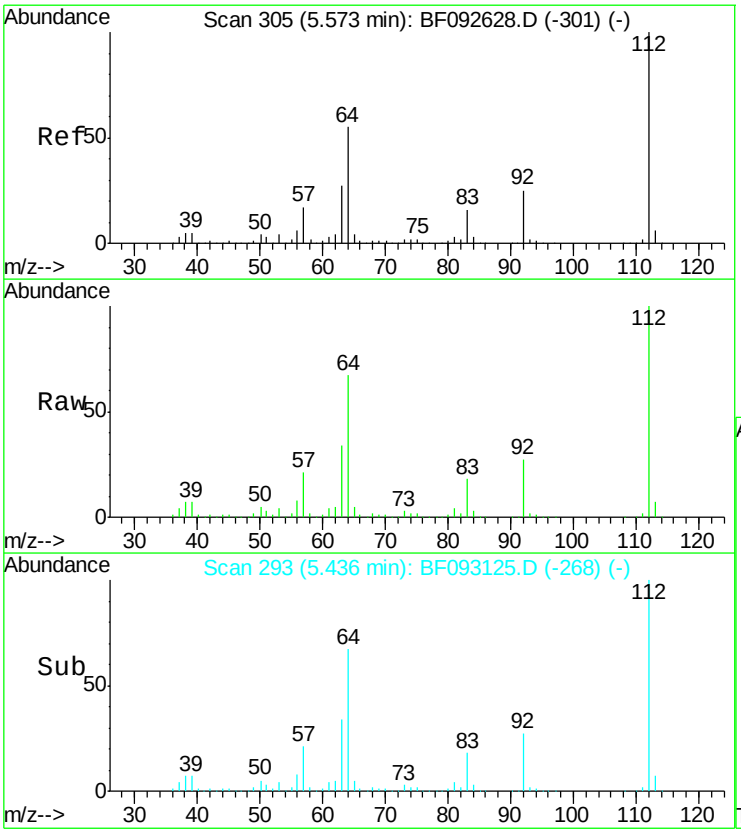
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:152 Resp: 153461

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	55.3	46.0	69.0

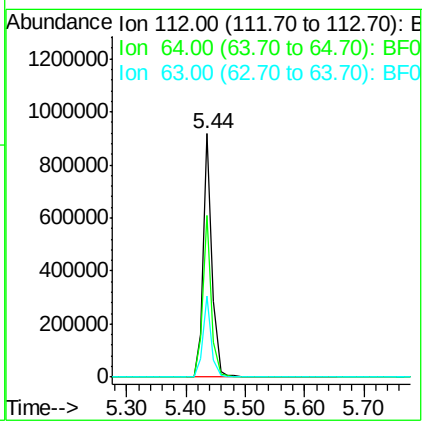


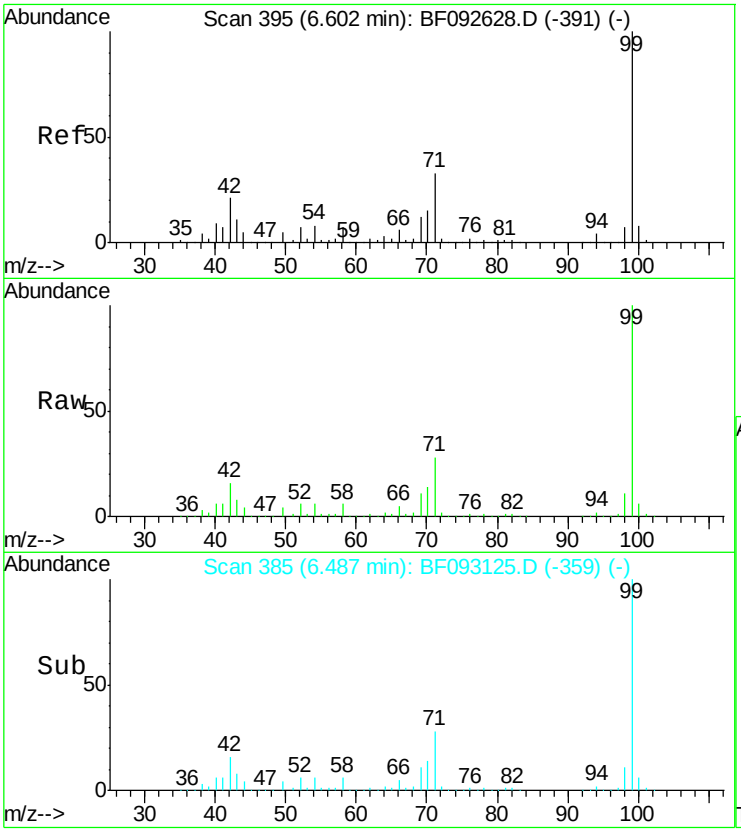


#5
2-Fluorophenol
Concen: 108.61 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:112 Resp: 971484

Ion	Ratio	Lower	Upper
112	100		
64	66.5	46.1	69.1
63	33.5	23.8	35.6



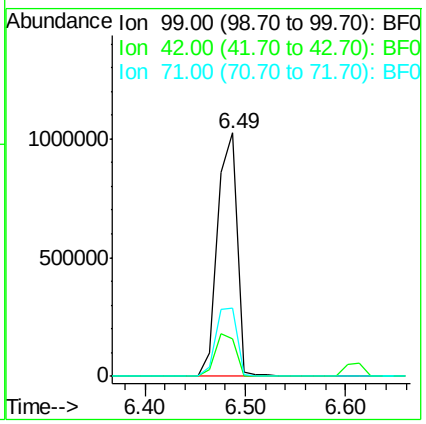


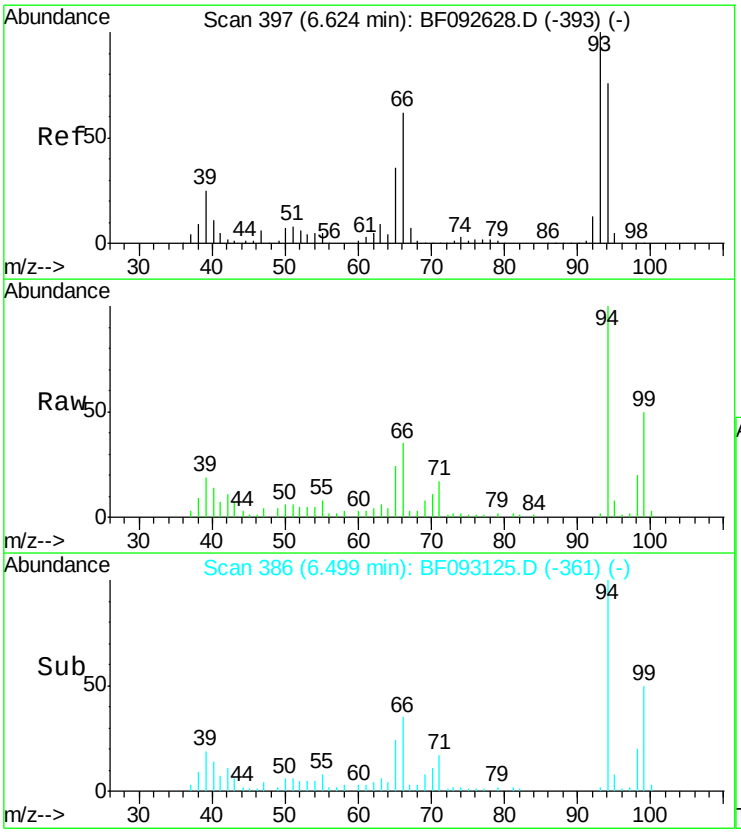
#7
Phenol-d6
Concen: 120.64 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion: 99 Resp: 1388506

Ion	Ratio	Lower	Upper
99	100		
42	15.6	15.6	23.4
71	28.3	27.5	41.3

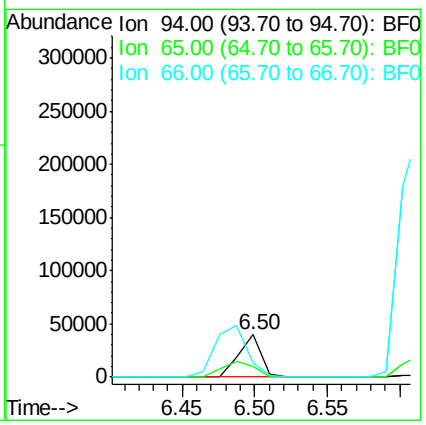


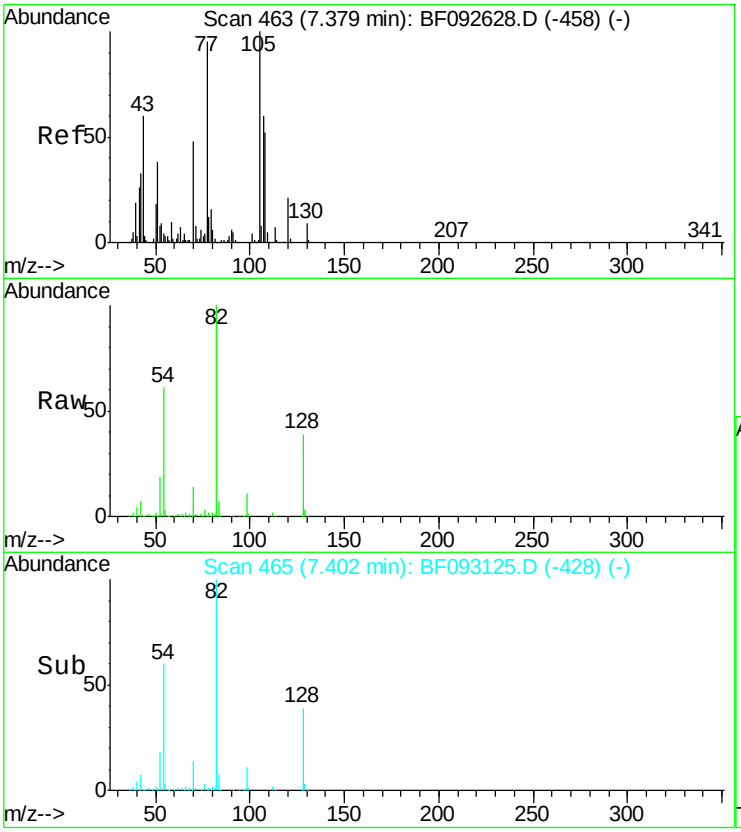


#10
Phenol
Concen: 3.19 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion: 94 Resp: 42968

Ion	Ratio	Lower	Upper
94	100		
65	23.9	21.4	61.4
66	35.3	44.0	84.0#



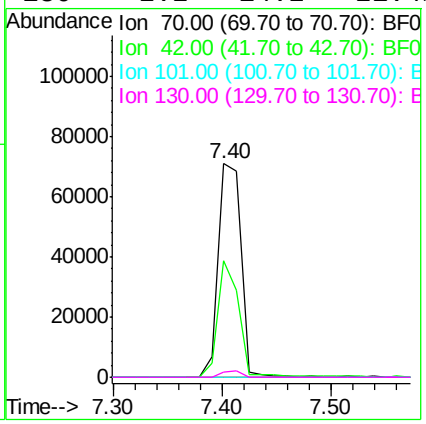


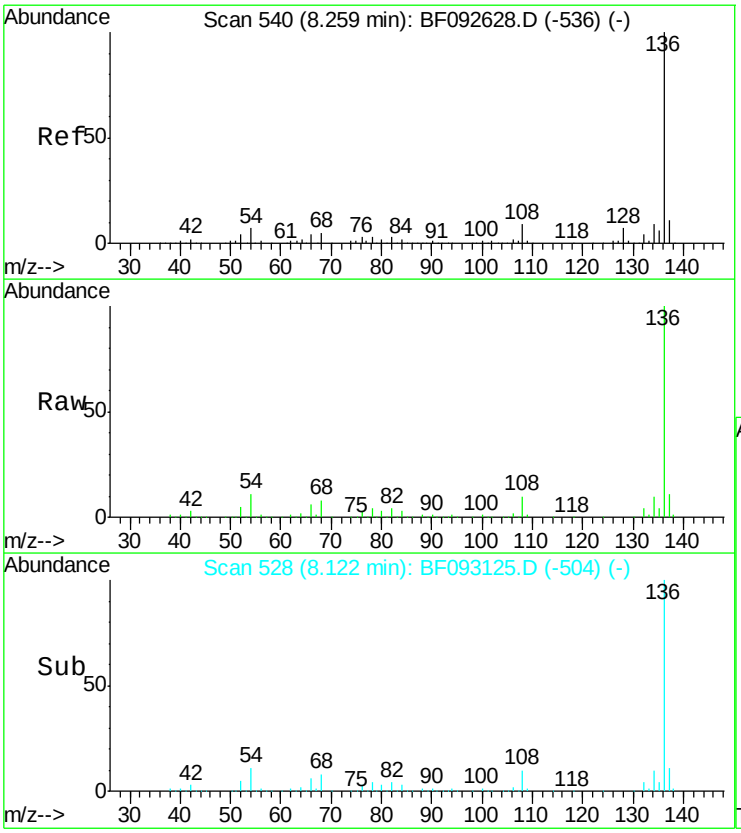
#19
n-Nitroso-di-n-propylamine
Concen: 14.05 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion: 70 Resp: 102938

Ion	Ratio	Lower	Upper
70	100		
42	54.6	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#

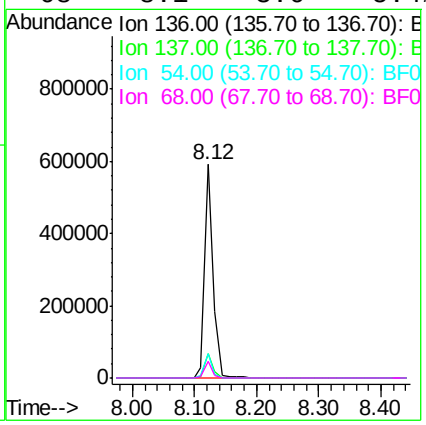


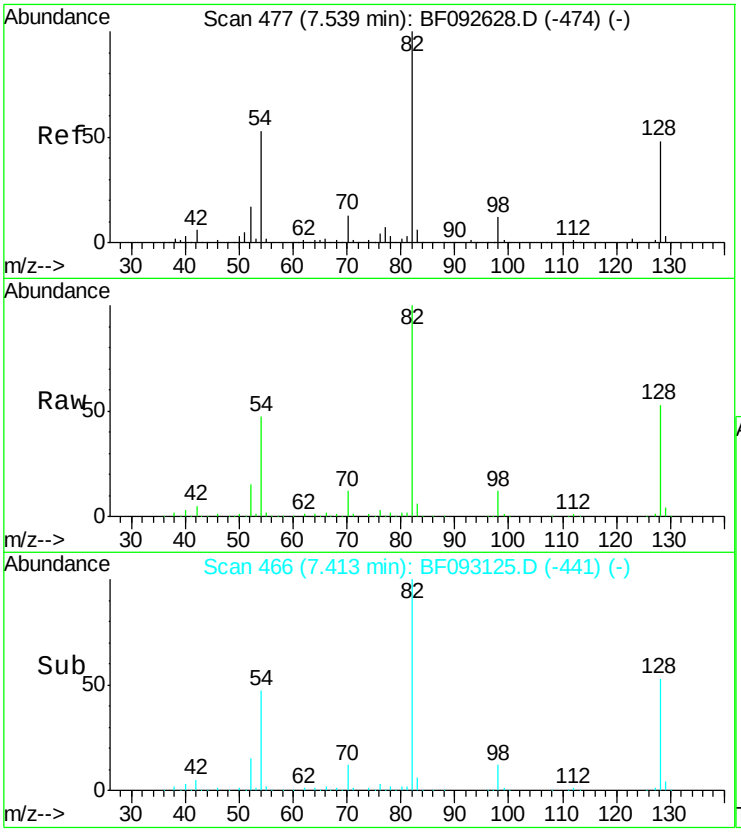


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:136 Resp: 567073

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	11.2	4.5	6.7#
68	8.1	3.6	5.4#



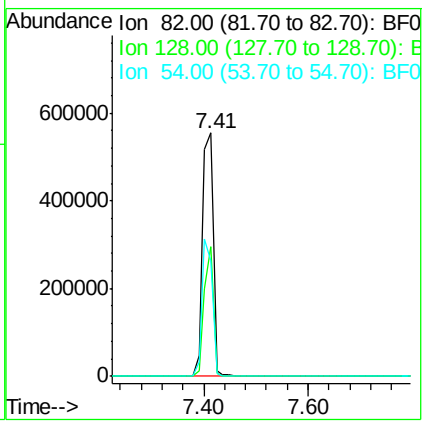


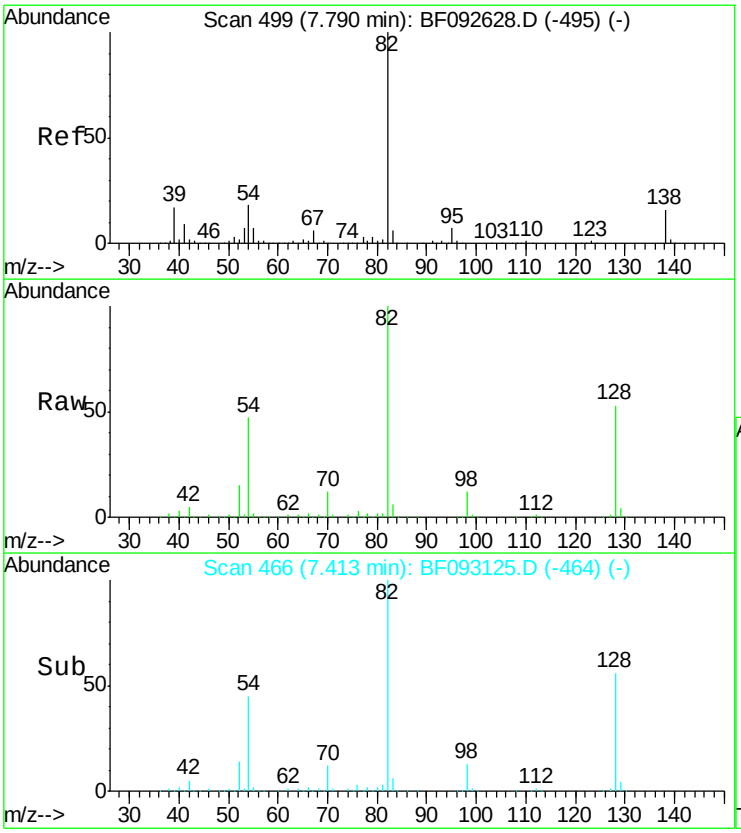
#23
Nitrobenzene-d5
Concen: 77.97 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion: 82 Resp: 794014

Ion	Ratio	Lower	Upper
82	100		
128	53.2	34.6	52.0#
54	47.3	39.5	59.3

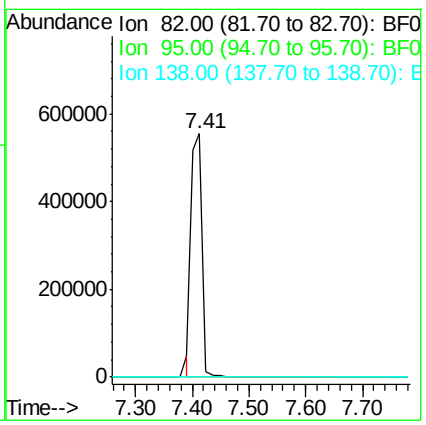


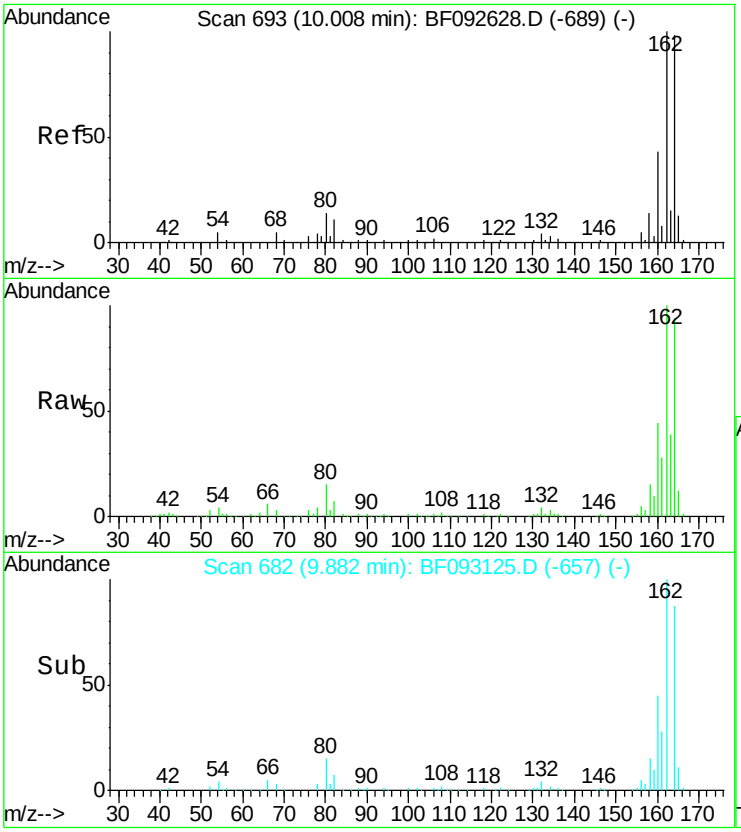


#25
Isophorone
Concen: 39.80 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion: 82 Resp: 755182

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



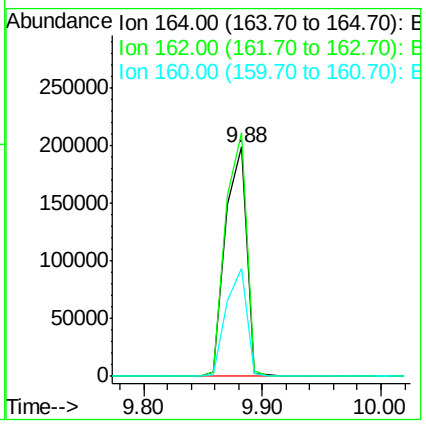


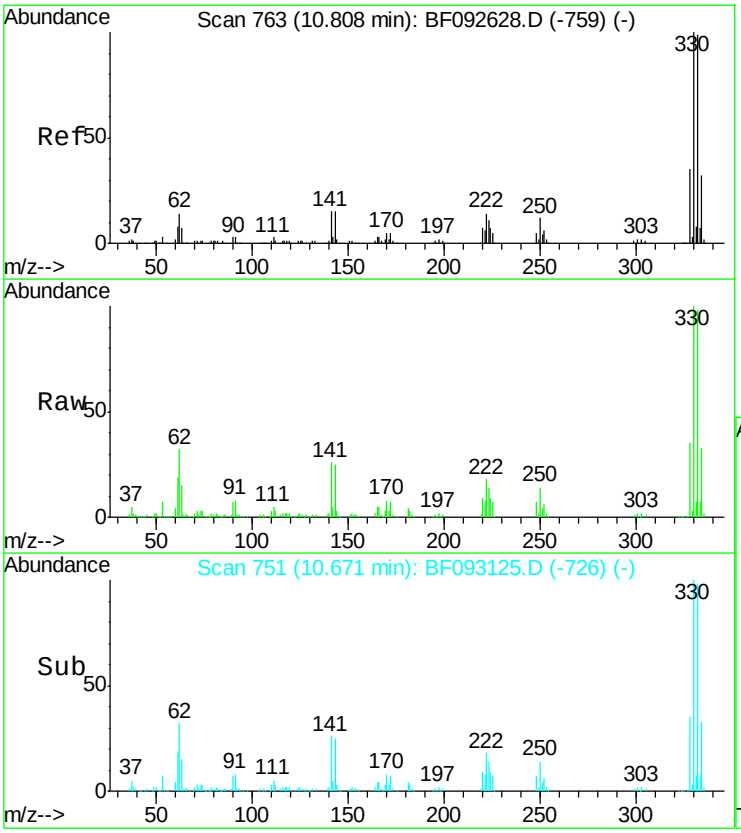
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:164 Resp: 244363

Ion	Ratio	Lower	Upper
164	100		
162	106.4	80.2	120.2
160	47.3	36.9	55.3

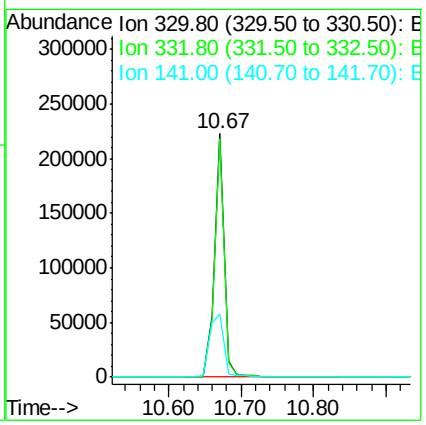


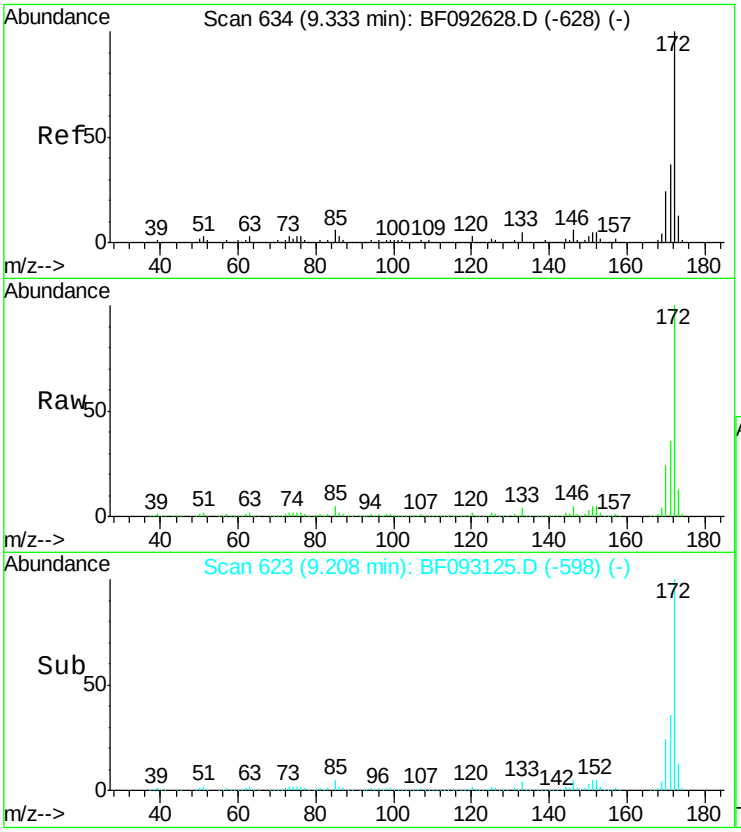


#41
2,4,6-Tribromophenol
Concen: 117.75 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:330 Resp: 208107

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	37.7	34.1	51.1



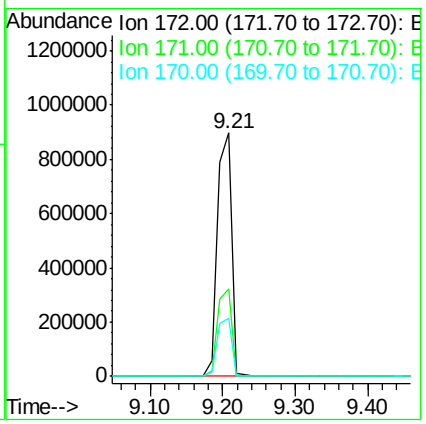


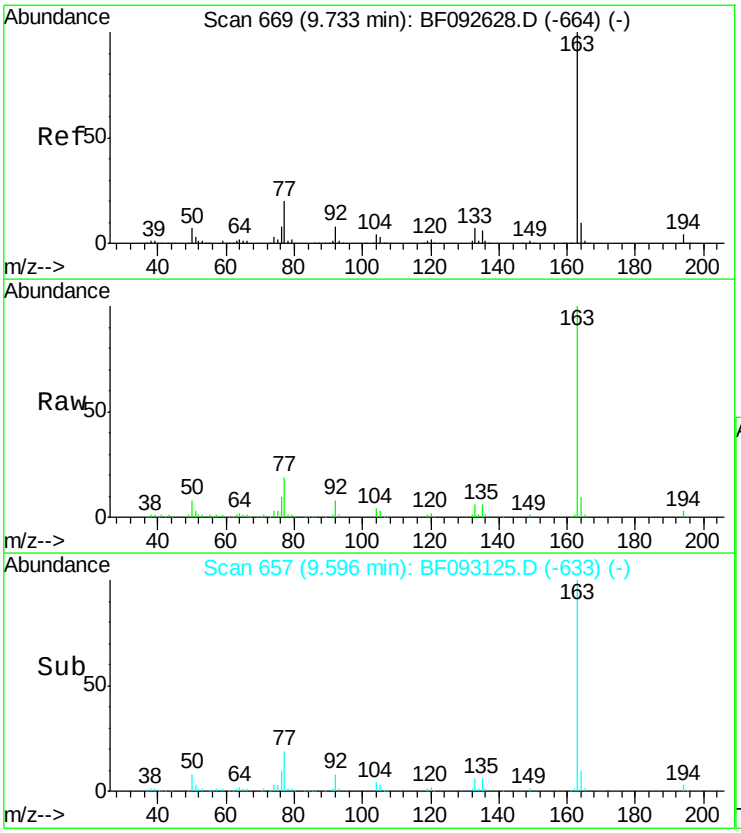
#44
2-Fluorobiphenyl
Concen: 90.50 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:172 Resp: 1220721

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.7	20.2	30.4

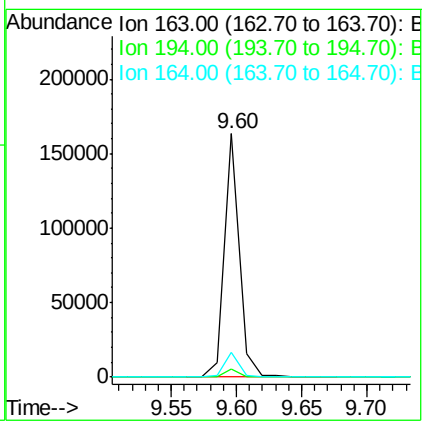


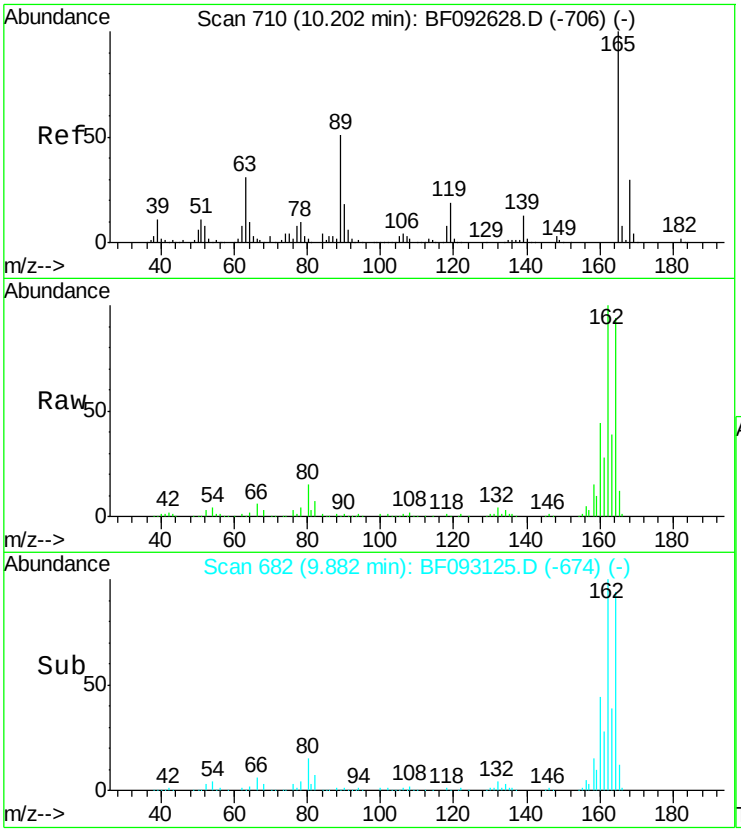


#49
Dimethylphthalate
Concen: 8.01 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:163 Resp: 131873

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.1	8.0	12.0



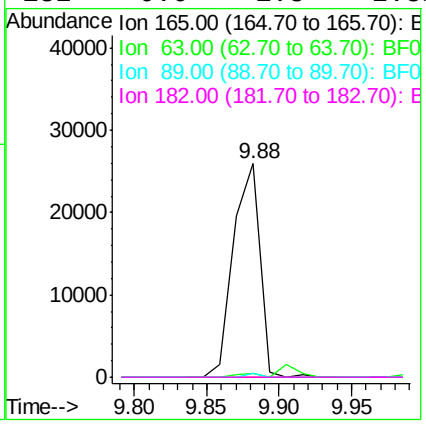


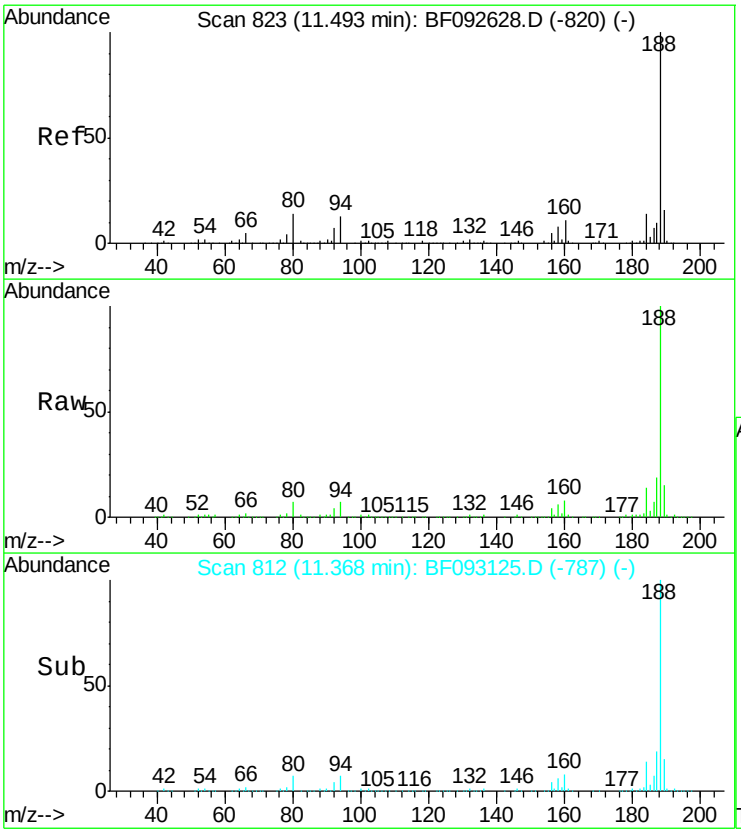
#56
2,4-Dinitrotoluene
Concen: 6.94 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:165 Resp: 32858

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.2	60.4#
89	2.1	62.5	93.7#
182	0.0	1.8	2.8#

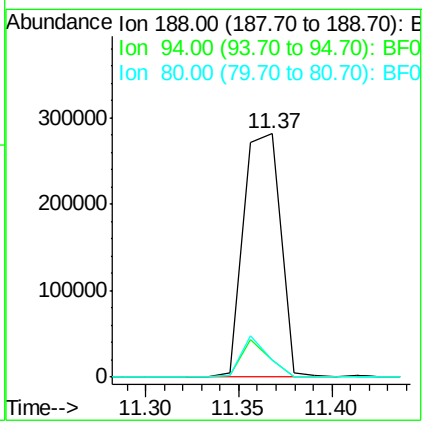


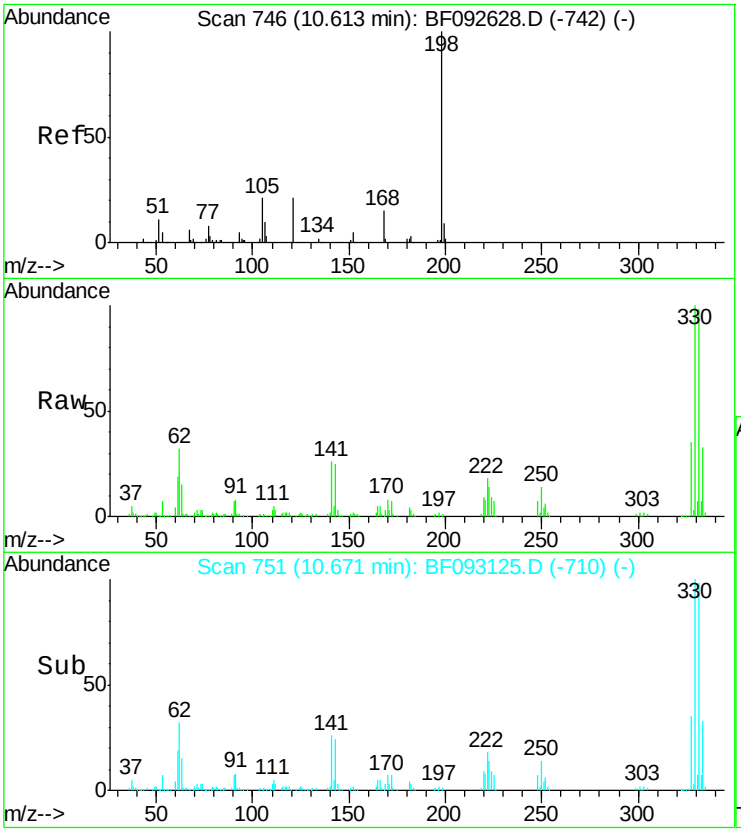


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:188 Resp: 388230

Ion	Ratio	Lower	Upper
188	100		
94	7.1	10.0	15.0#
80	6.9	11.2	16.8#



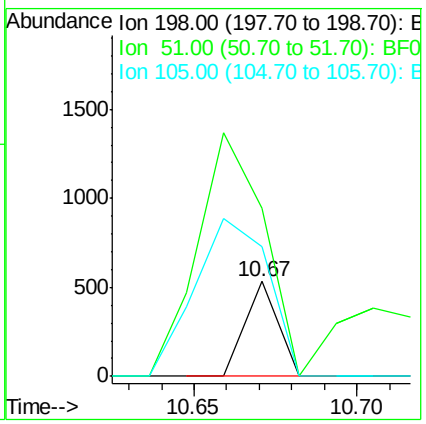


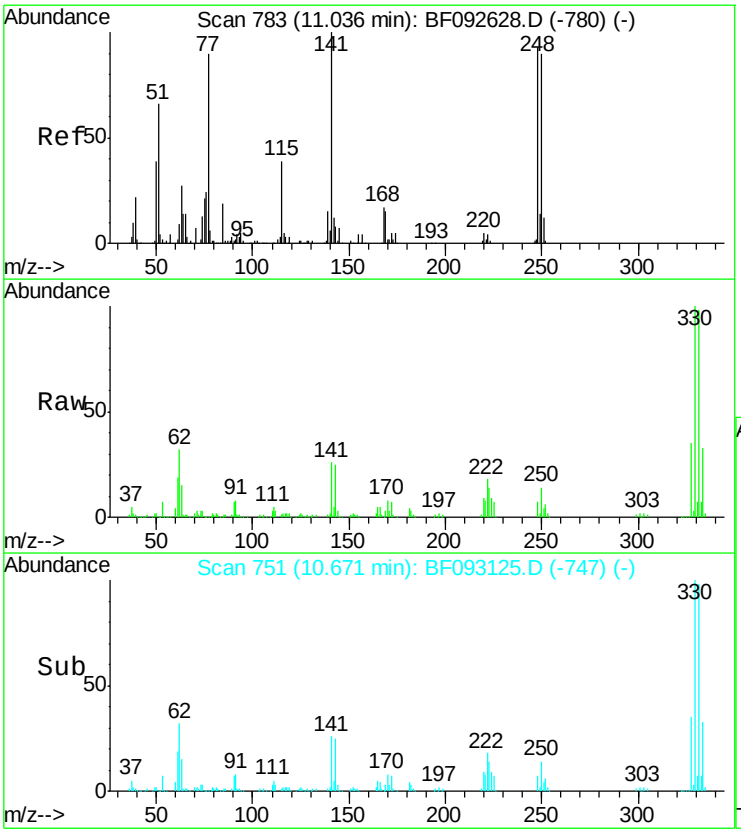
#64
4,6-Dinitro-2-methylphenol
Concen: 2.82 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:198 Resp: 366

Ion	Ratio	Lower	Upper
198	100		
51	177.5	6.7	46.7#
105	136.0	16.6	56.6#

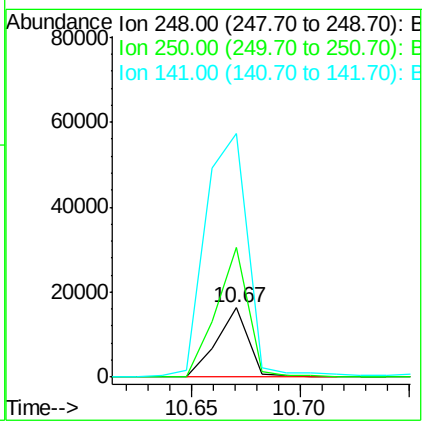


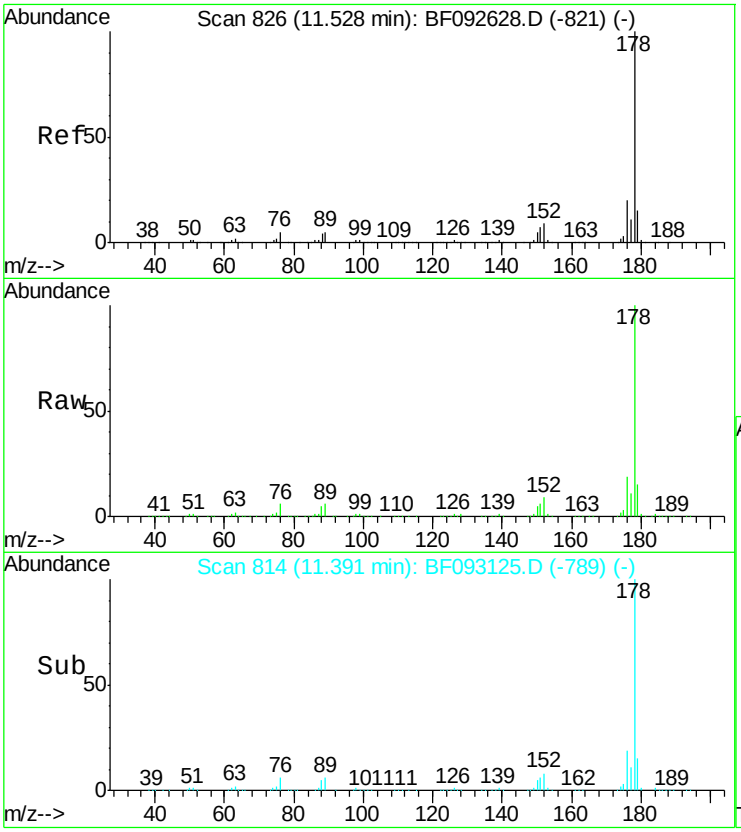


#66
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:248 Resp: 16448

Ion	Ratio	Lower	Upper
248	100		
250	188.1	76.9	115.3#
141	352.9	68.2	102.4#



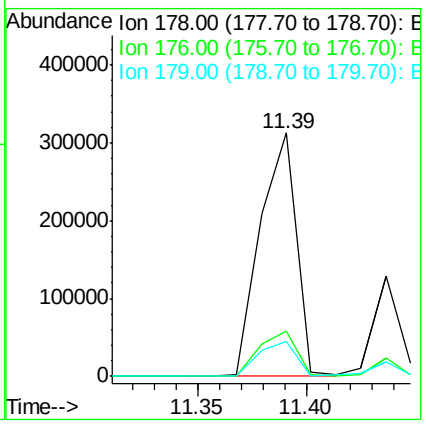


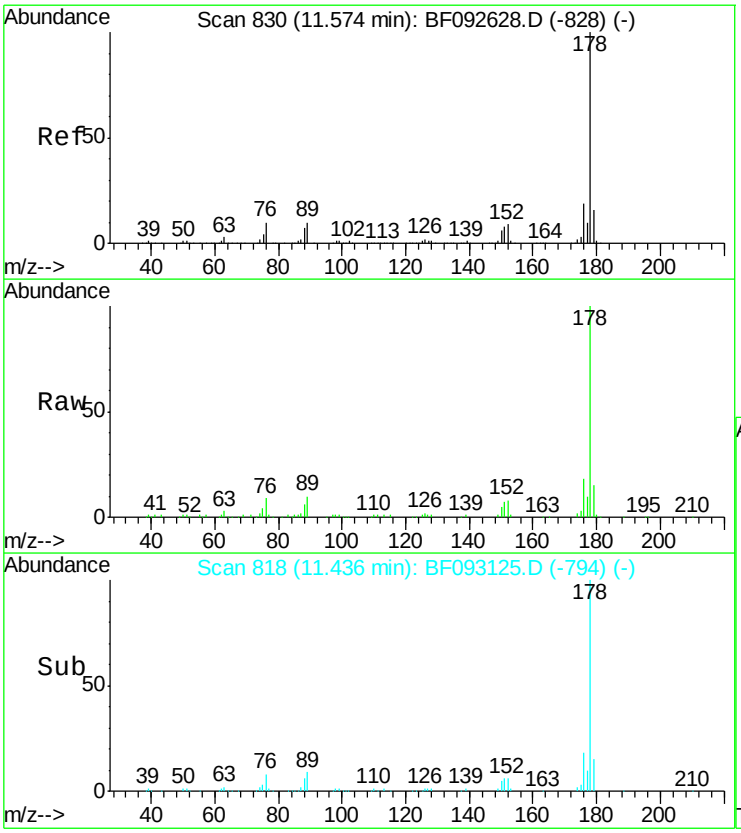
#70
Phenanthrene
Concen: 16.43 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:178 Resp: 365475

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.6	25.0
179	14.6	12.8	19.2

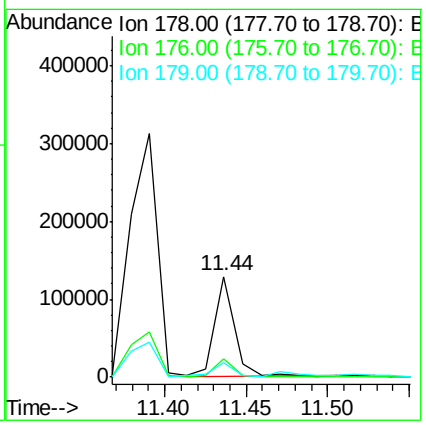


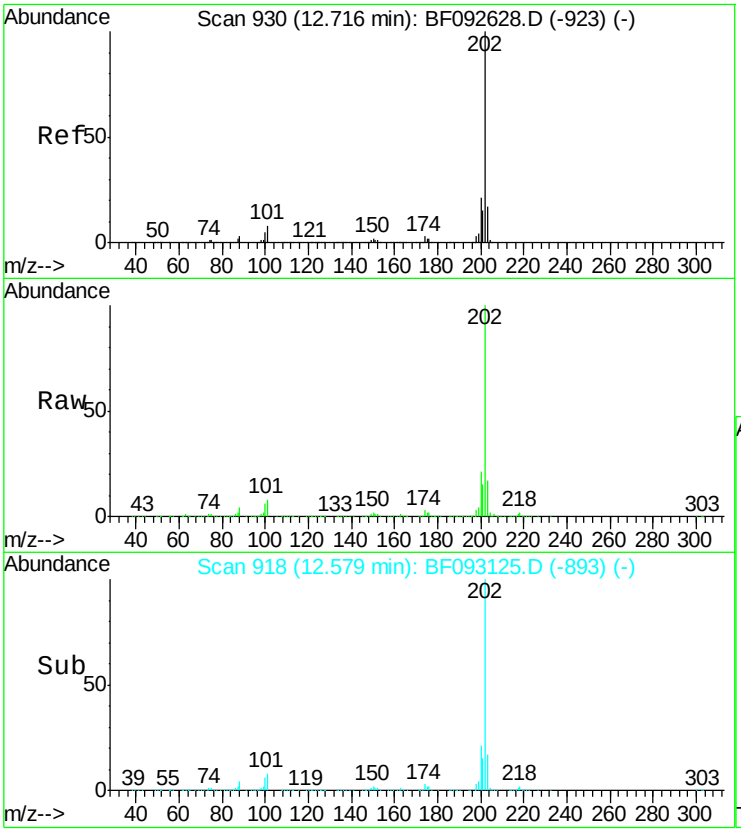


#71
Anthracene
Concen: 4.84 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:178 Resp: 108029

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.9	23.9
179	14.8	13.2	19.8



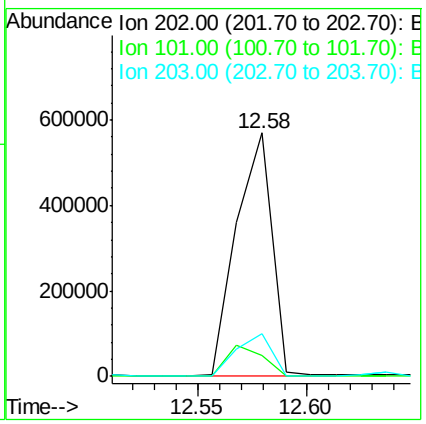


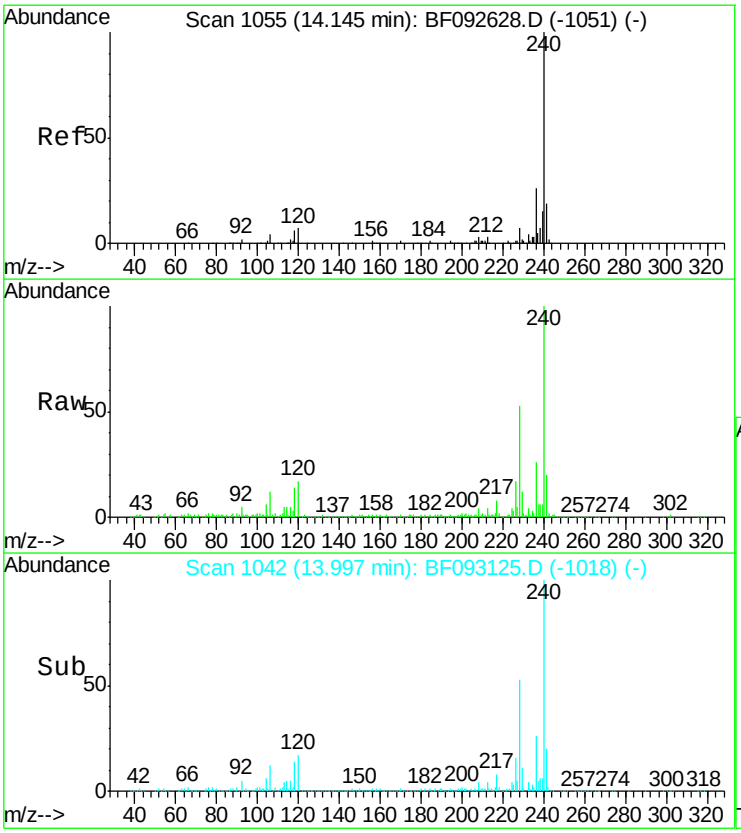
#74
Fluoranthene
Concen: 28.23 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:202 Resp: 647742

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	34.6
203	17.4	0.0	38.7

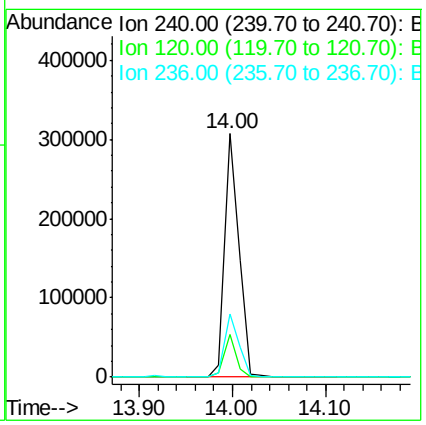


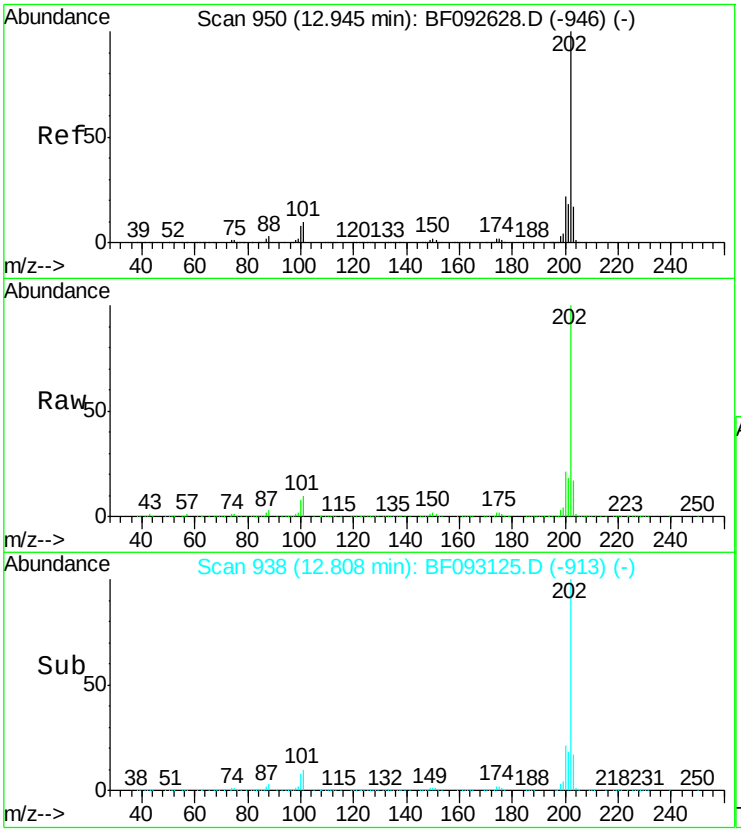


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:240 Resp: 331427

Ion	Ratio	Lower	Upper
240	100		
120	17.4	12.9	19.3
236	25.9	20.9	31.3



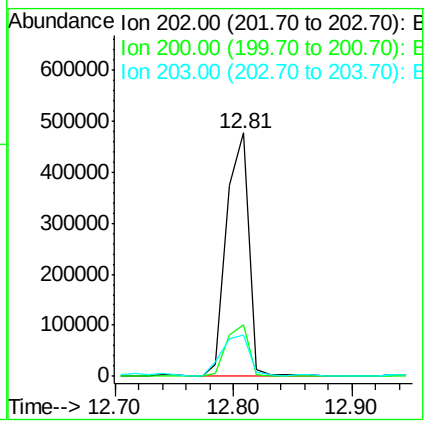


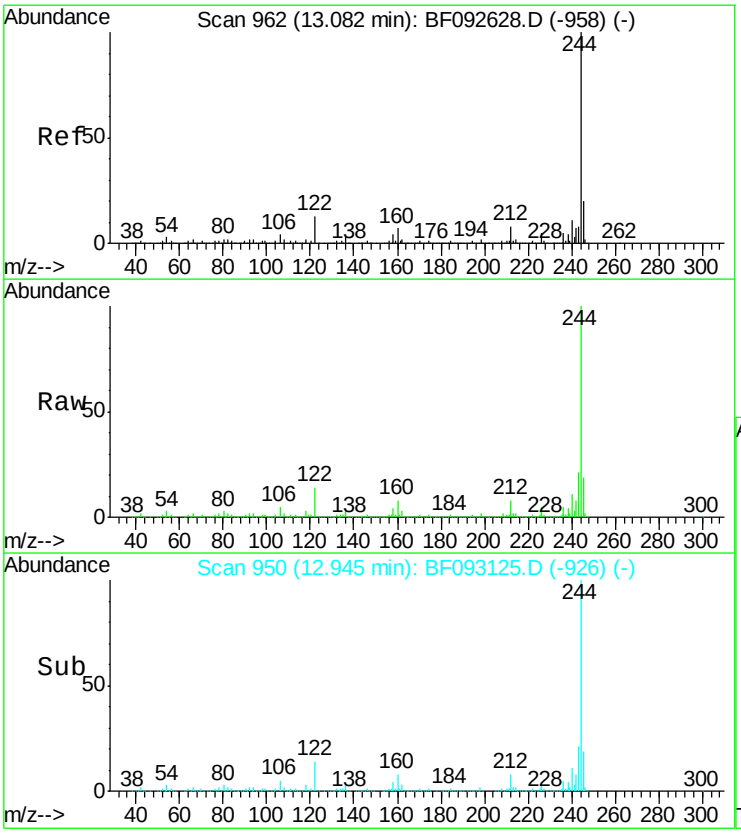
#77
Pyrene
Concen: 24.58 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:202 Resp: 609575

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	17.2	14.7	22.1

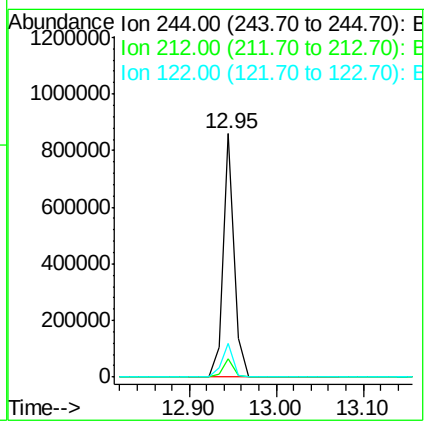


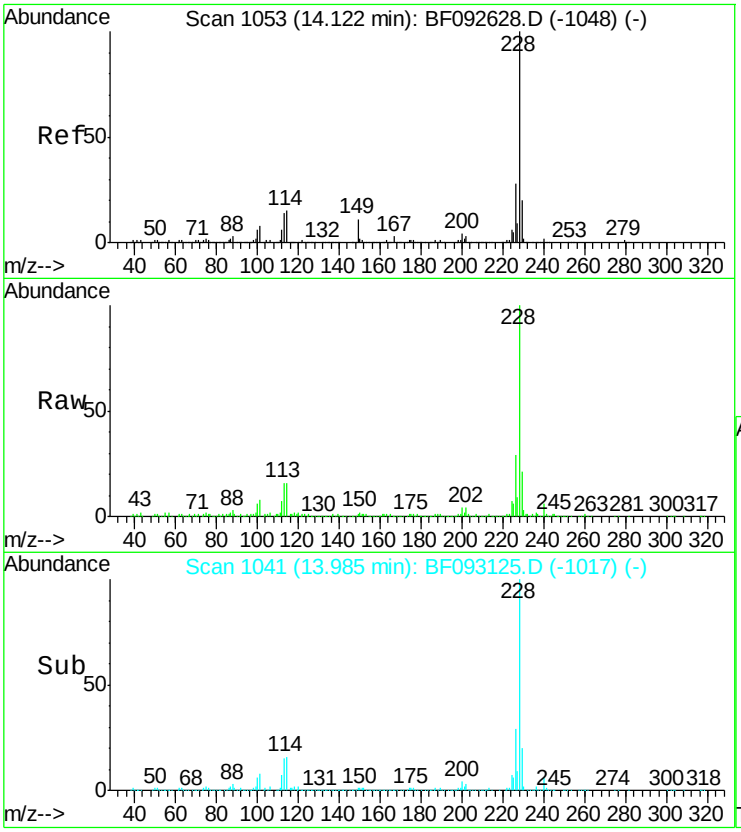


#78
Terphenyl-d14
Concen: 54.14 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:244 Resp: 763690

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.9	11.4	17.2



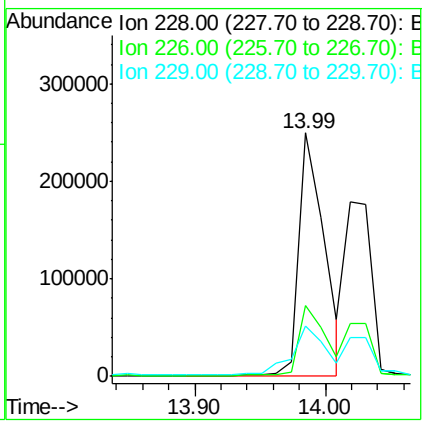


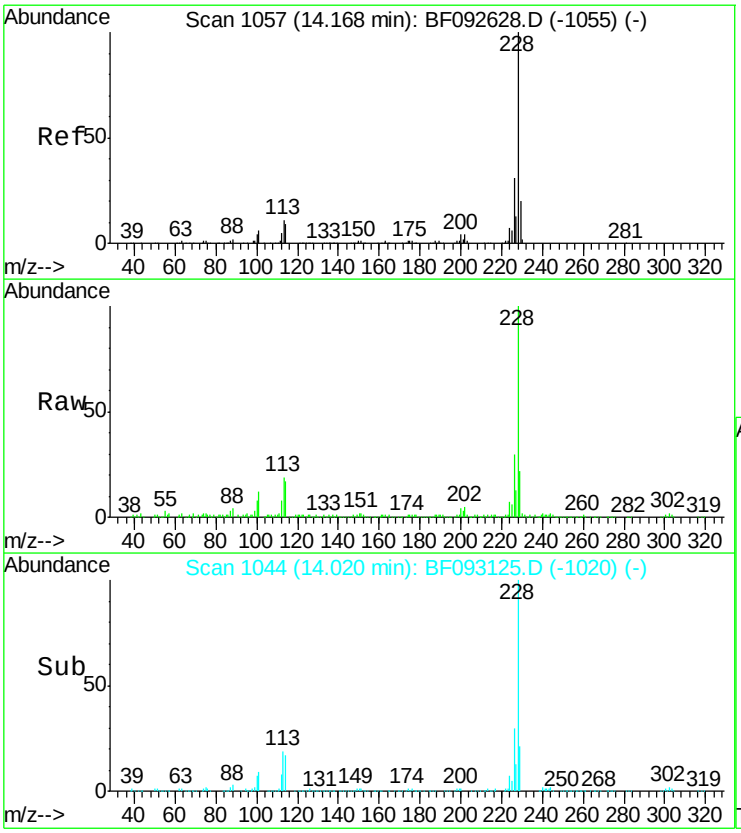
#80
Benzo(a)anthracene
Concen: 16.56 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:228 Resp: 335775

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.4	33.6
229	20.9	16.2	24.4

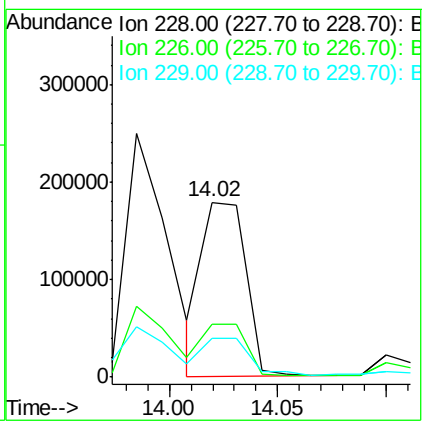


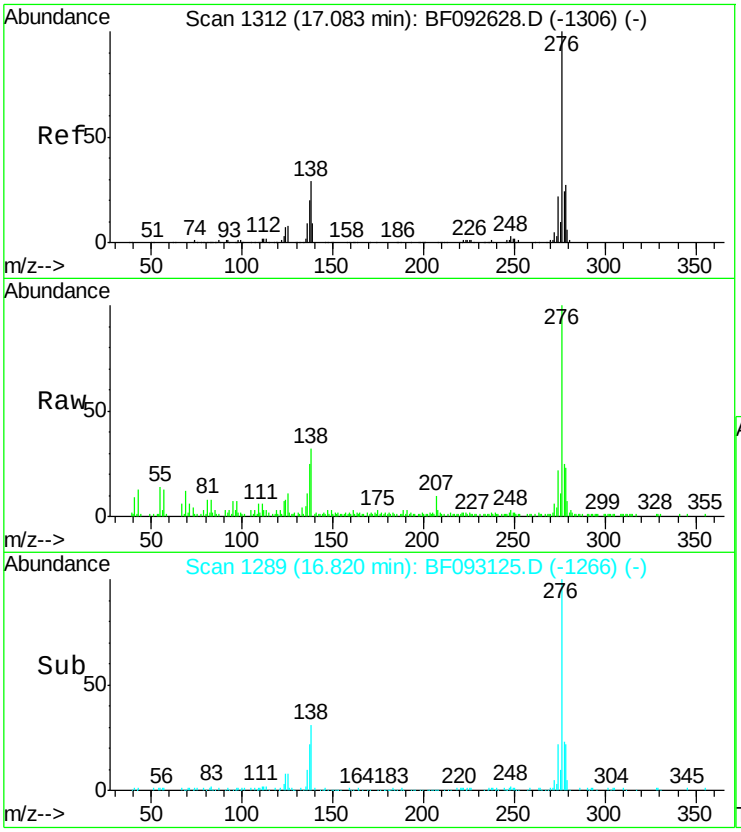


#82
Chrysene
Concen: 13.13 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:228 Resp: 249204

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	22.0	16.2	24.2



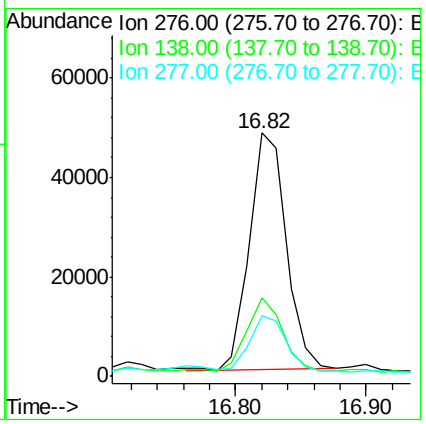


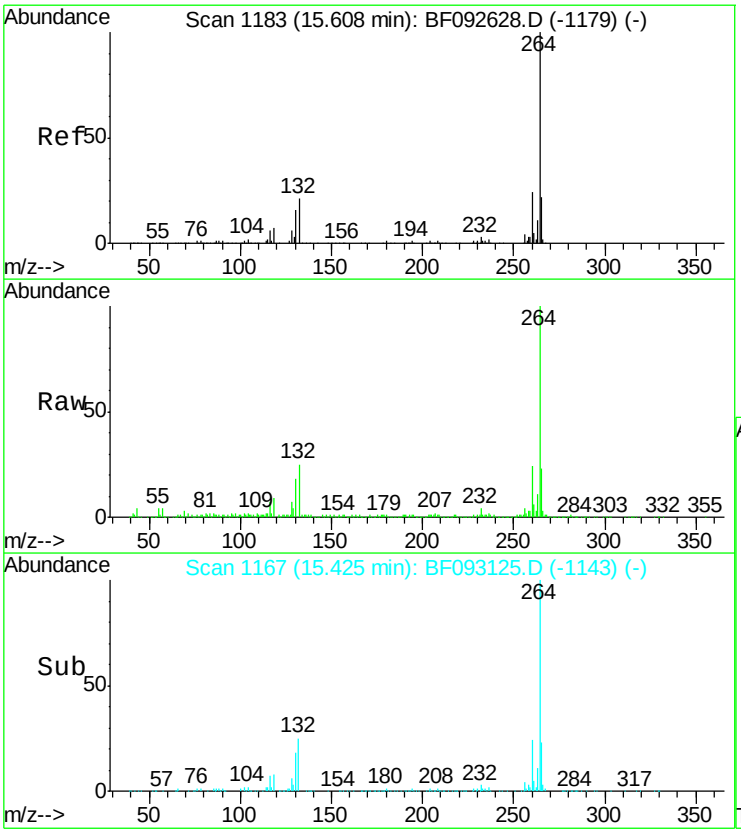
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.41 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:276 Resp: 94280

Ion	Ratio	Lower	Upper
276	100		
138	31.6	21.8	32.6
277	23.6	20.2	30.4

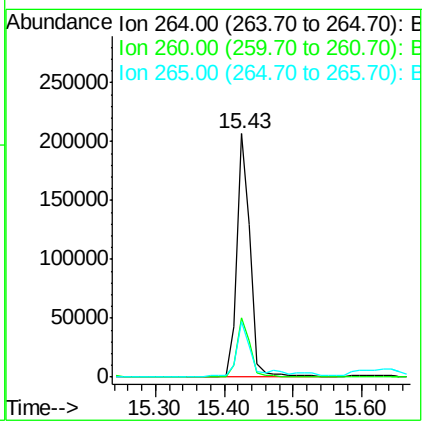


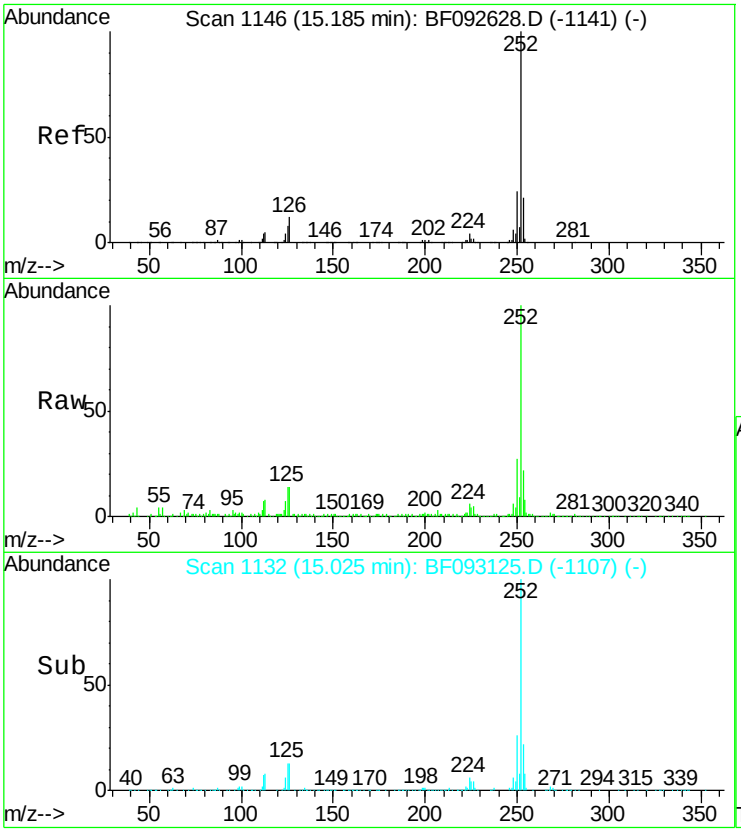


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:264 Resp: 275521

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	23.0	17.4	26.0



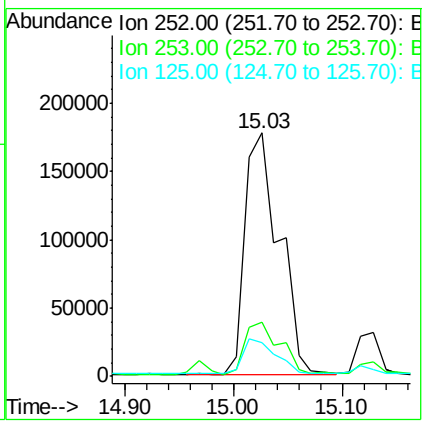


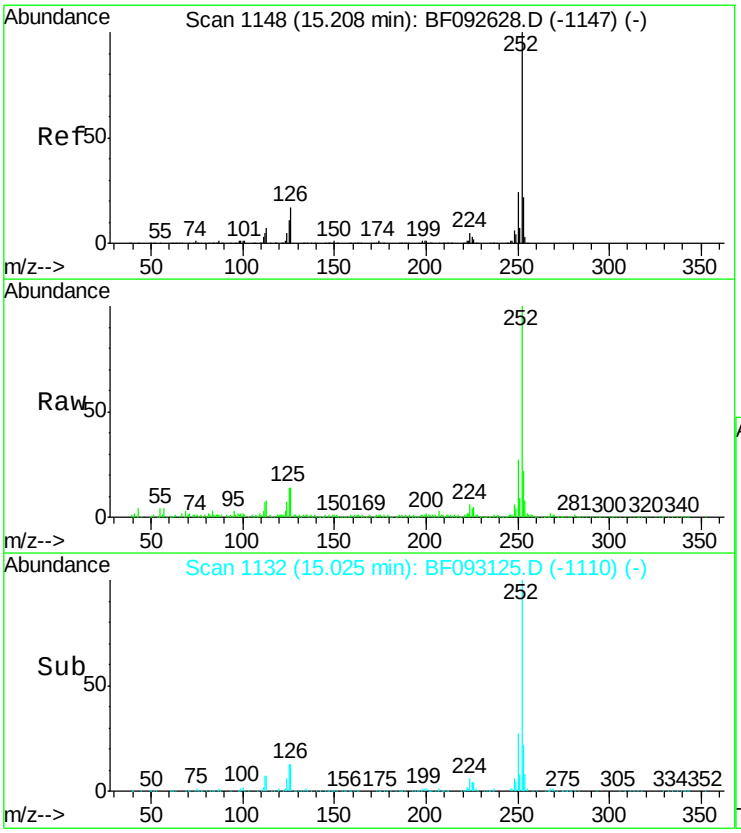
#87
Benzo(b)fluoranthene
Concen: 21.43 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:252 Resp: 388681

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	14.1	9.8	14.6

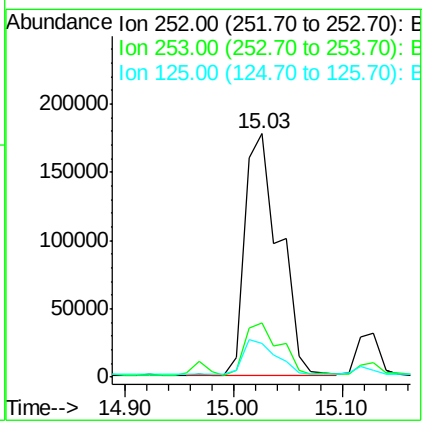


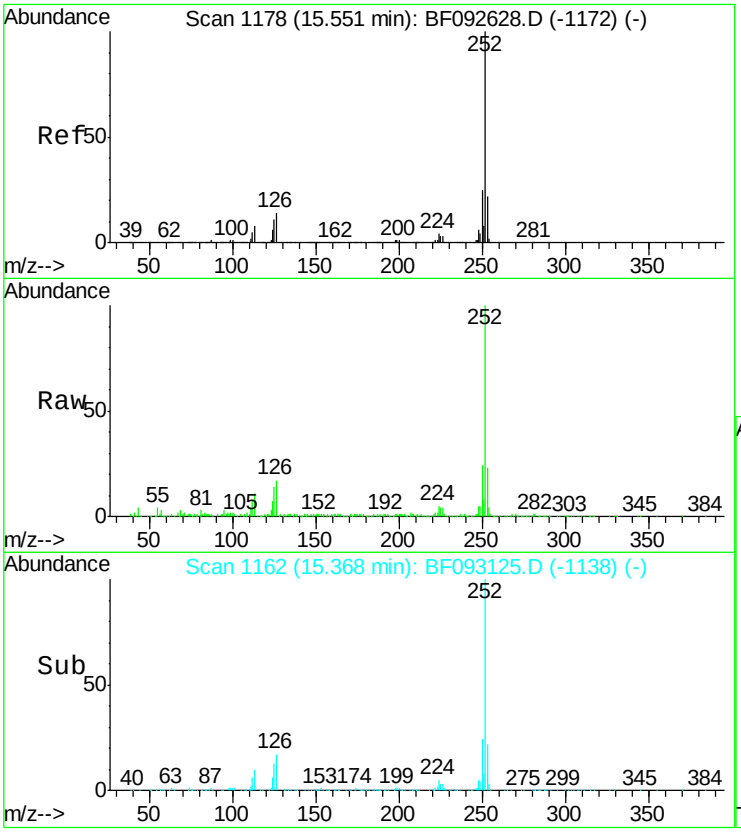


#88
Benzo(k)fluoranthene
Concen: 24.82 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:252 Resp: 388681

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	14.1	8.9	13.3#



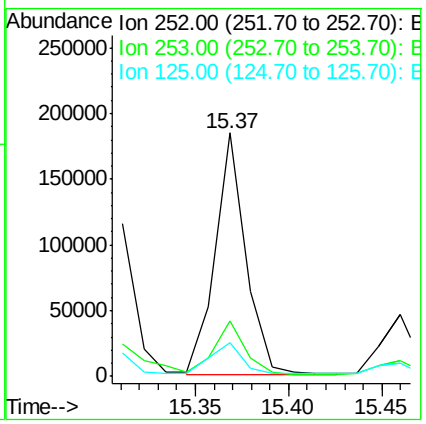


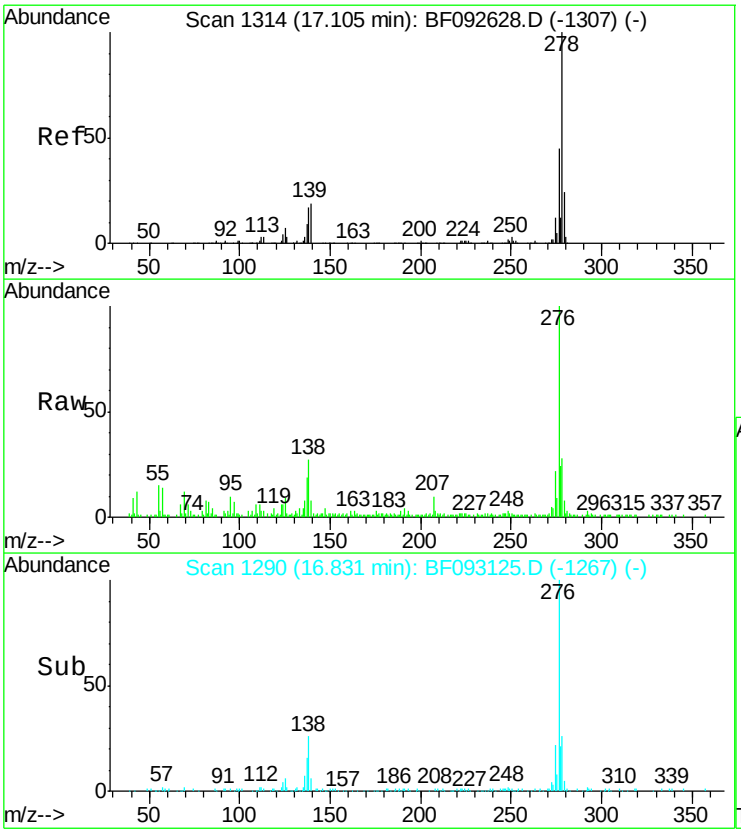
#89
Benzo(a)pyrene
Concen: 13.53 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:252 Resp: 212252

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.7	10.0	15.0

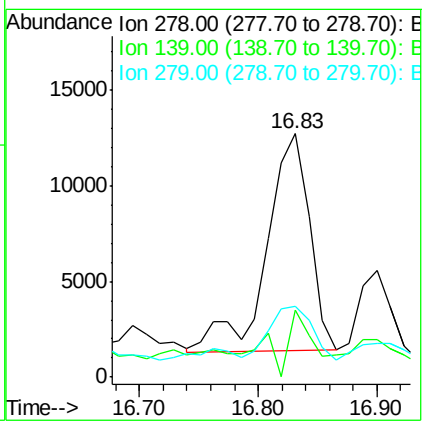


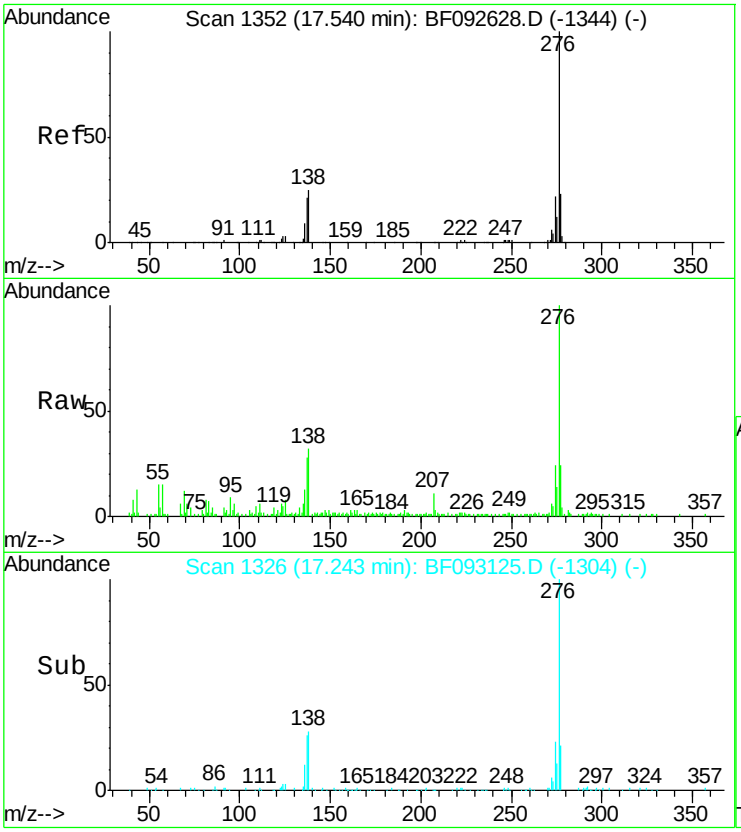


#90
Dibenzo(a,h)anthracene
Concen: 2.25 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Tgt Ion:278 Resp: 28586

Ion	Ratio	Lower	Upper
278	100		
139	27.2	14.8	22.2#
279	29.0	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 6.92 ng
RT: 17.24 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BF093125.D
Acq: 24 Feb 2017 00:56

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)

Tgt Ion:276 Resp: 88578

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	32.0	16.0	24.0#