Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092580.D
Acq On : 27 Jan 2017 16:33
Operator : SJ/MA
Sample : I1265-01RE 2X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 27 17:15:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	168830	20.00	ng		0.01
21) Naphthalene-d8	8.27	136	662266	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	314661	20.00	ng		0.01
63) Phenanthrene-d10	11.53	188	479672	20.00	ng		0.00
75) Chrysene-d12	14.17	240	326060	20.00	ng		0.00
86) Perylene-d12	15.67	264	279330	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	119991	11.06	ng		0.03
7) Phenol-d6	6.62	99	156521	11.32	ng		0.03
23) Nitrobenzene-d5	7.54	82	82329	6.79	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	22561	10.52	ng		0.01
44) 2-Fluorobiphenyl	9.36	172	158029	9.29	ng		0.00
78) Terphenyl-d14	13.12	244	127466	10.41	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.54	82	77181	3.23	ng	#	65
48) Acenaphthylene	9.89	152	59338	2.18	ng		98
50) 2,6-Dinitrotoluene	10.03	165	41388	10.12	ng	#	31
56) 2,4-Dinitrotoluene	10.03	165	43346	7.98	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.85	198	231	5.03	ng	#	1
70) Phenanthrene	11.55	178	89965	3.41	ng		98
71) Anthracene	11.60	178	52253	2.02	ng		98
74) Fluoranthene	12.74	202	268753	10.40	ng		97
77) Pyrene	12.97	202	326551	13.82	ng		98
80) Benzo(a)anthracene	14.16	228	184854	10.55	ng		91
82) Chrysene	14.16	228	184854	9.88	ng		96
85) Indeno(1,2,3-cd)pyrene	17.17	276	87861	6.35	ng		94
87) Benzo(b)fluoranthene	15.23	252	256785	14.32	ng	#	94
88) Benzo(k)fluoranthene	15.23	252	256600	17.21	ng	#	93
89) Benzo(a)pyrene	15.60	252	146453	9.65	ng	#	91
91) Benzo(g,h,i)perylene	17.63	276	88143	7.11	ng	#	87

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

Quantitation Report (Not Reviewed)

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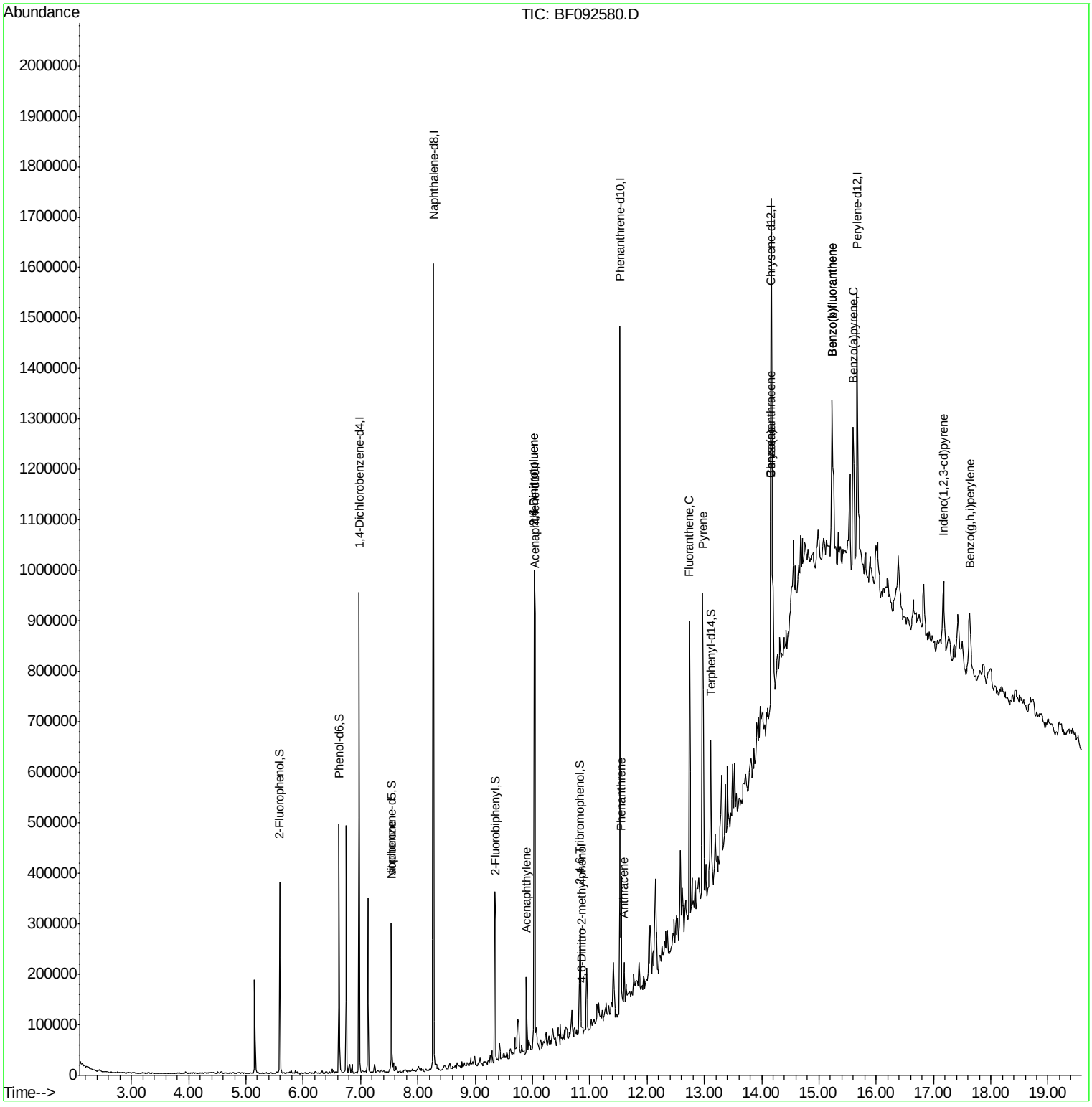
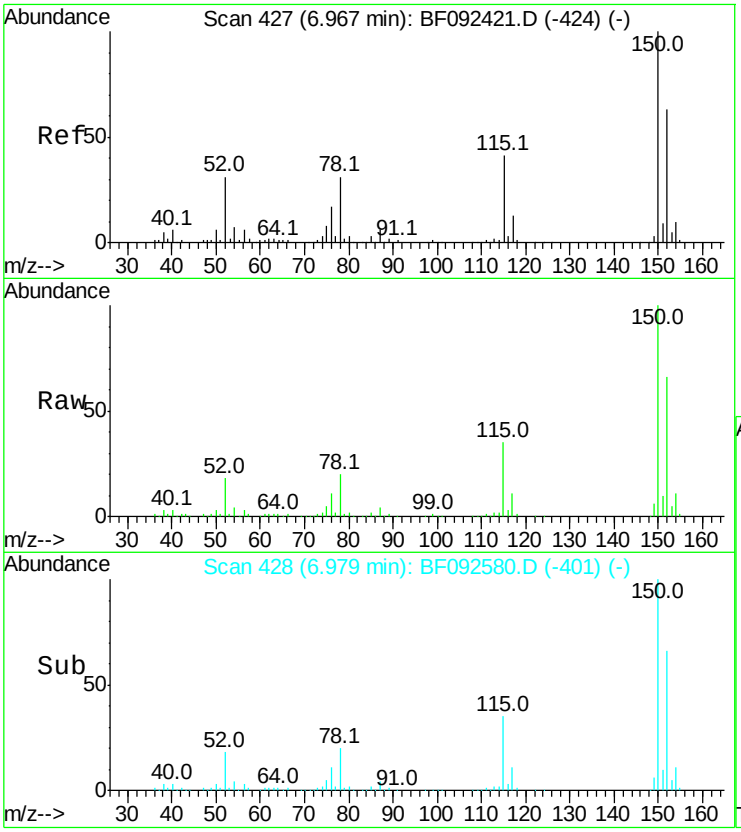


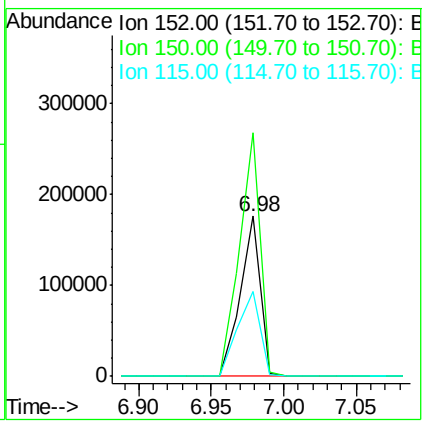


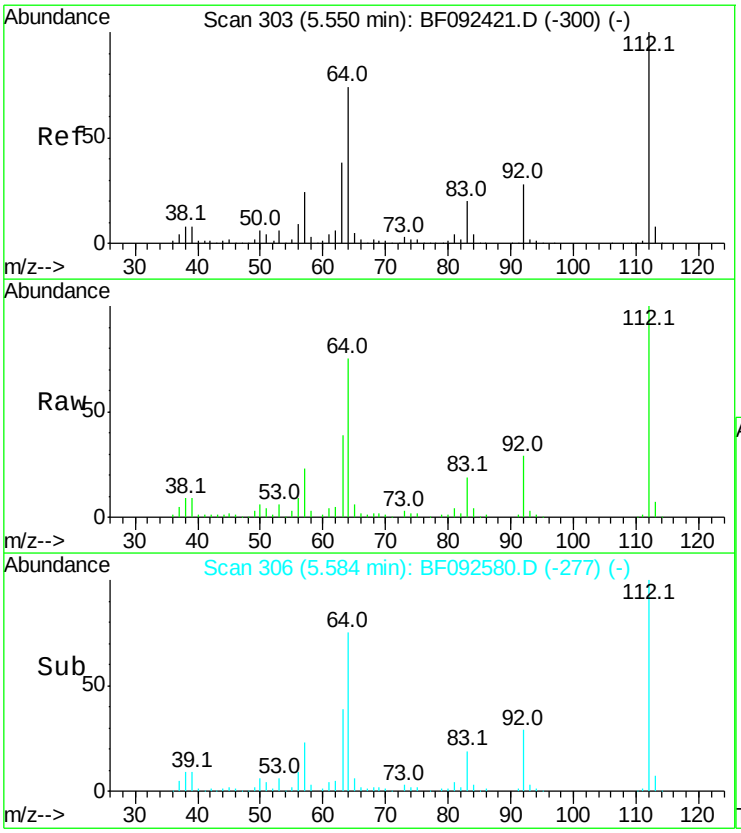
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.01 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 168830

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.9	187.3
115	53.0	46.0	69.0

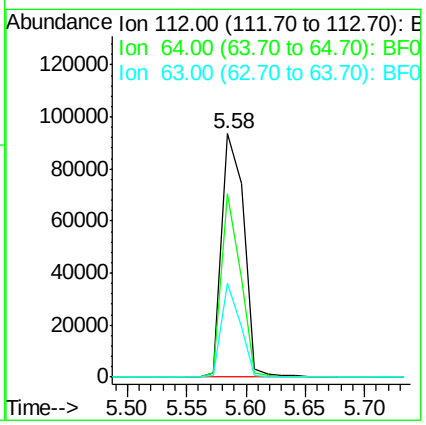


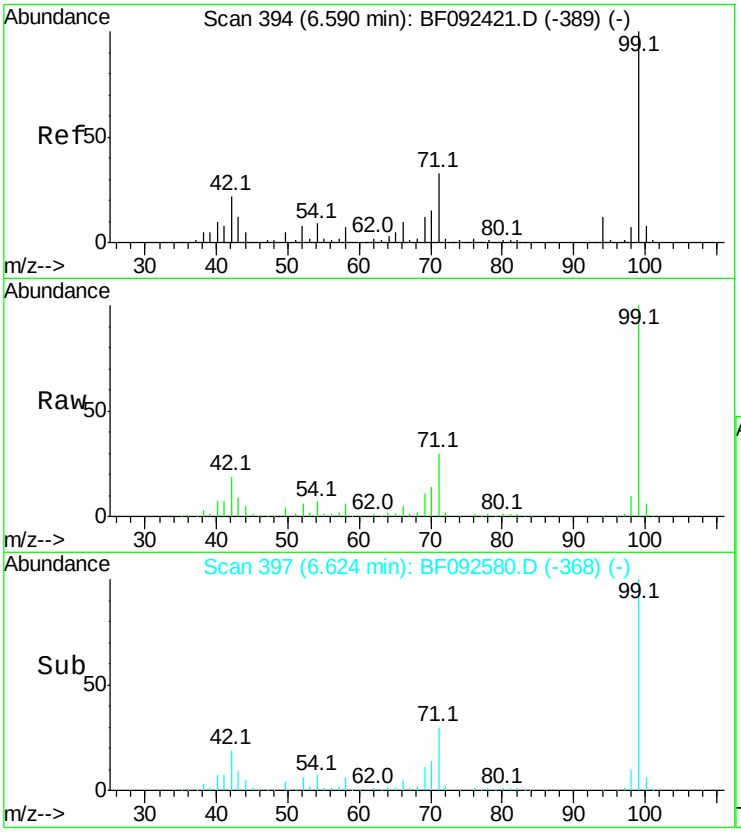


#5
2-Fluorophenol
Concen: 11.06 ng
RT: 5.58 min Scan# 306
Delta R.T. 0.03 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:112 Resp: 119991

Ion	Ratio	Lower	Upper
112	100		
64	75.2	46.1	69.1#
63	38.5	23.8	35.6#

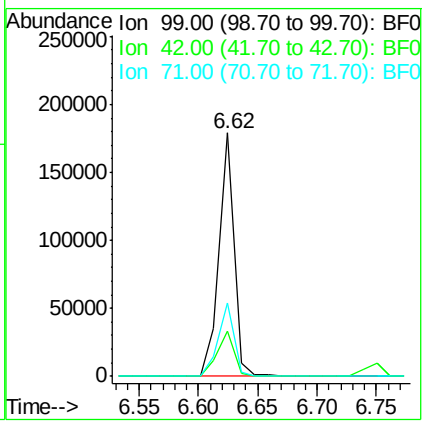




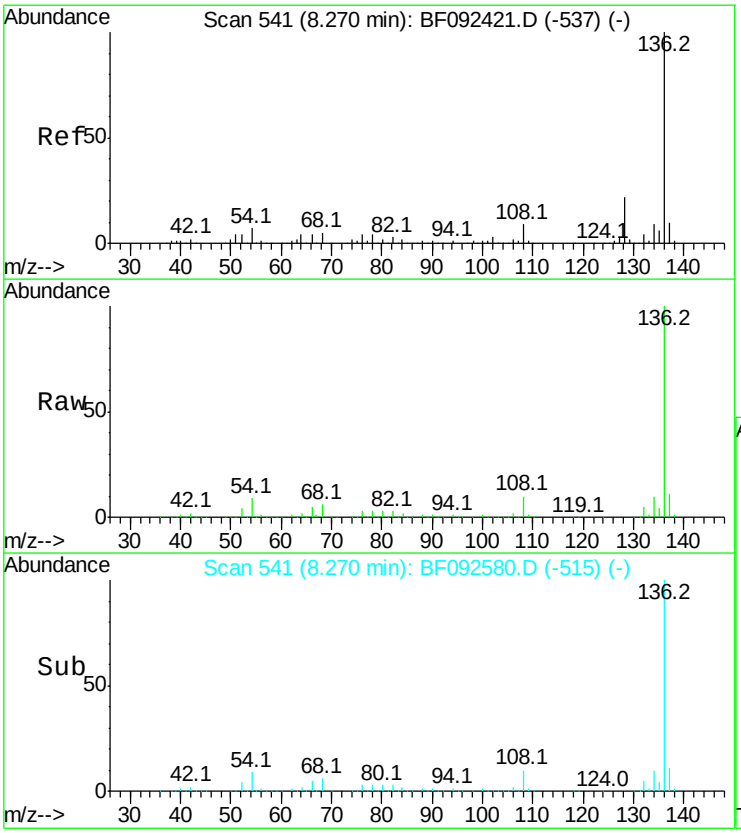
#7
Phenol-d6
Concen: 11.32 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.03 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion: 99 Resp: 156521

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.6	23.4
71	30.1	27.5	41.3



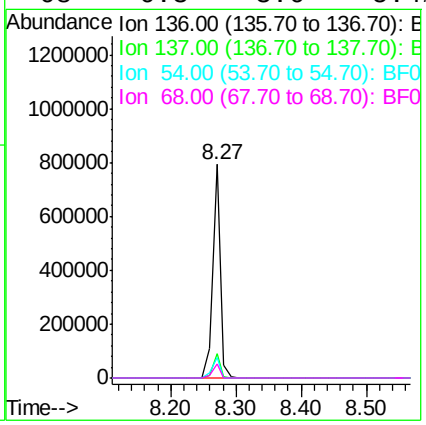
Instrument :
BNA_F
ClientSampleId :

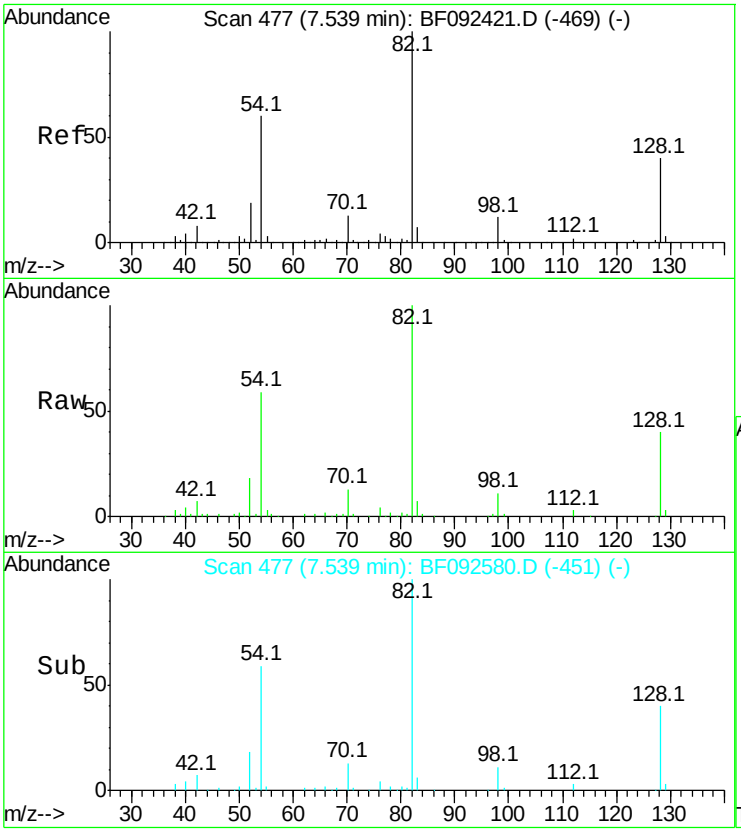


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:136 Resp: 662266

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.3	4.5	6.7#
68	6.3	3.6	5.4#



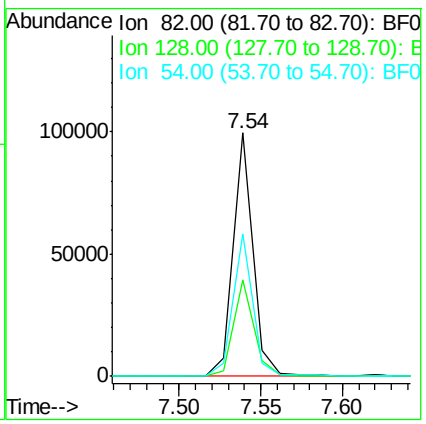


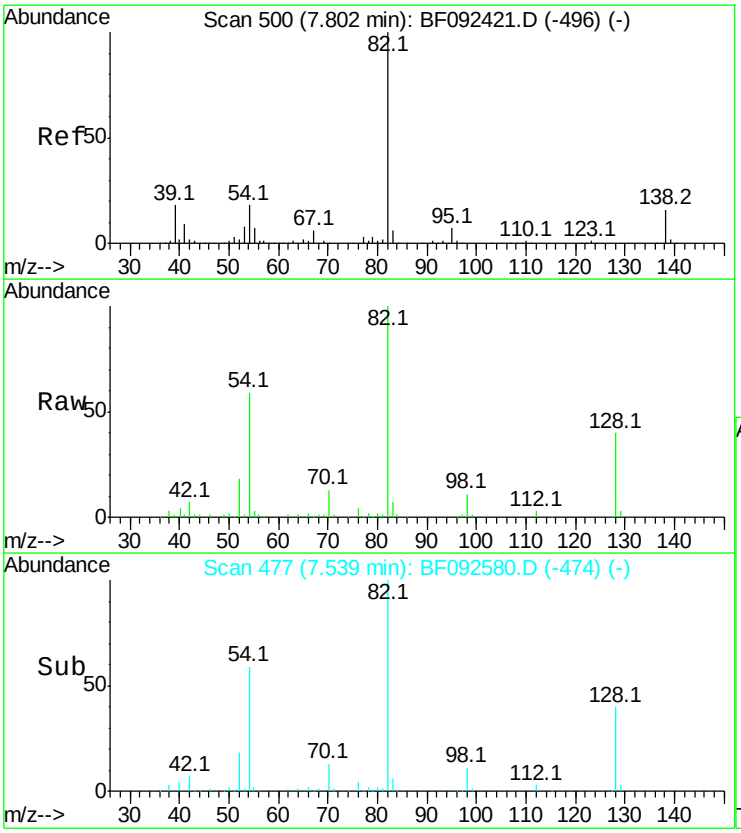
#23
Nitrobenzene-d5
Concen: 6.79 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 82329

Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.6	52.0
54	58.7	39.5	59.3

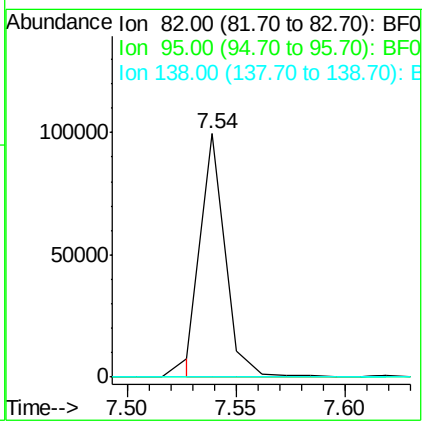


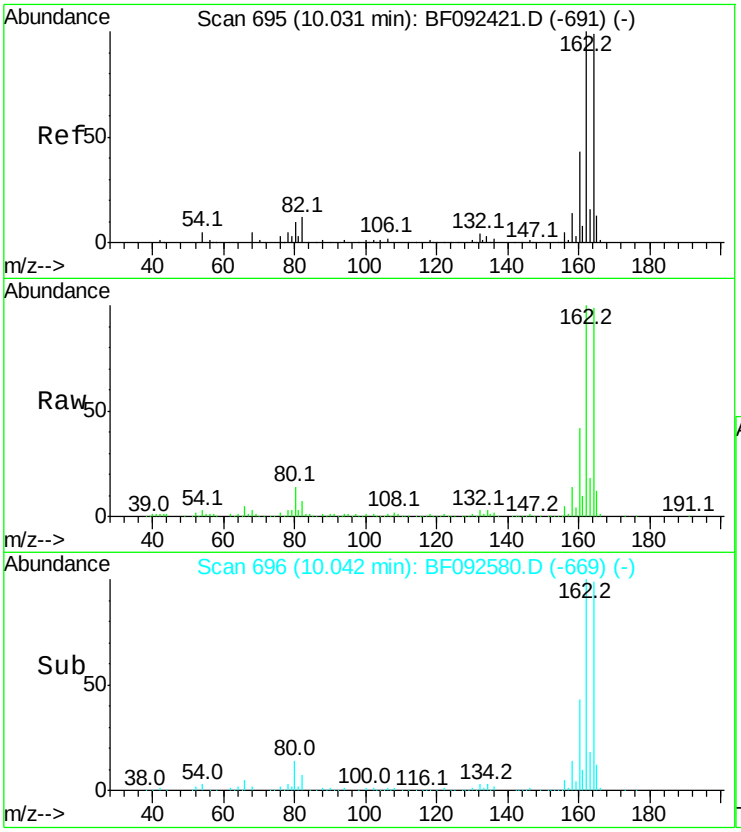


#25
Isophorone
Concen: 3.23 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion: 82 Resp: 77181

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



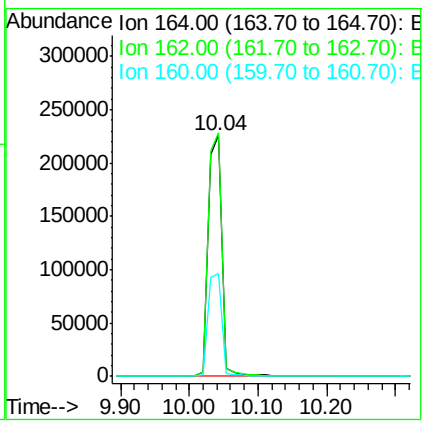


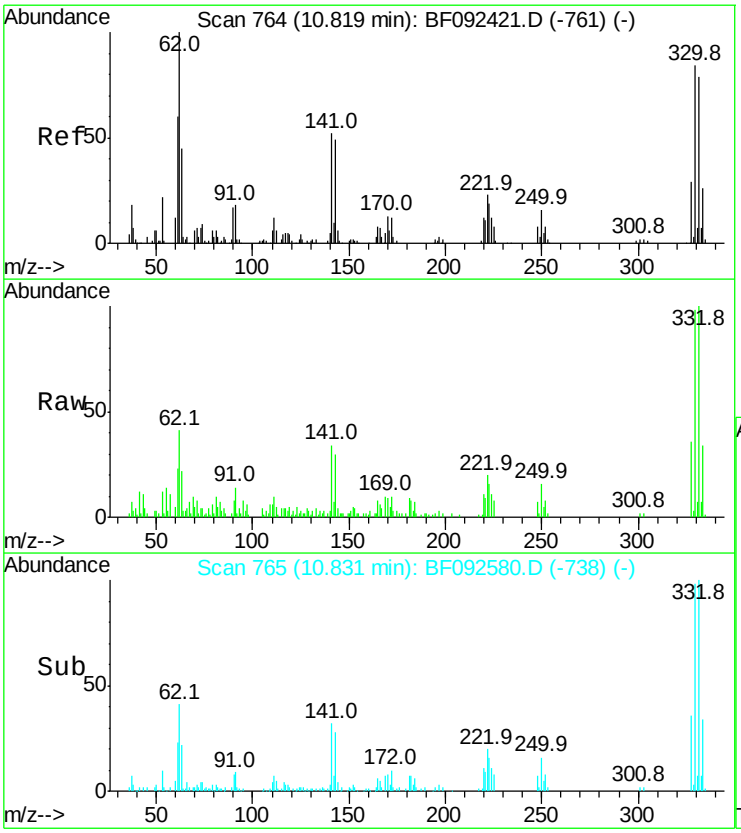
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 314661

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	43.0	36.9	55.3

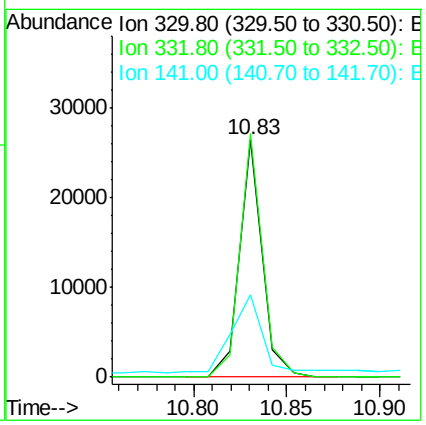


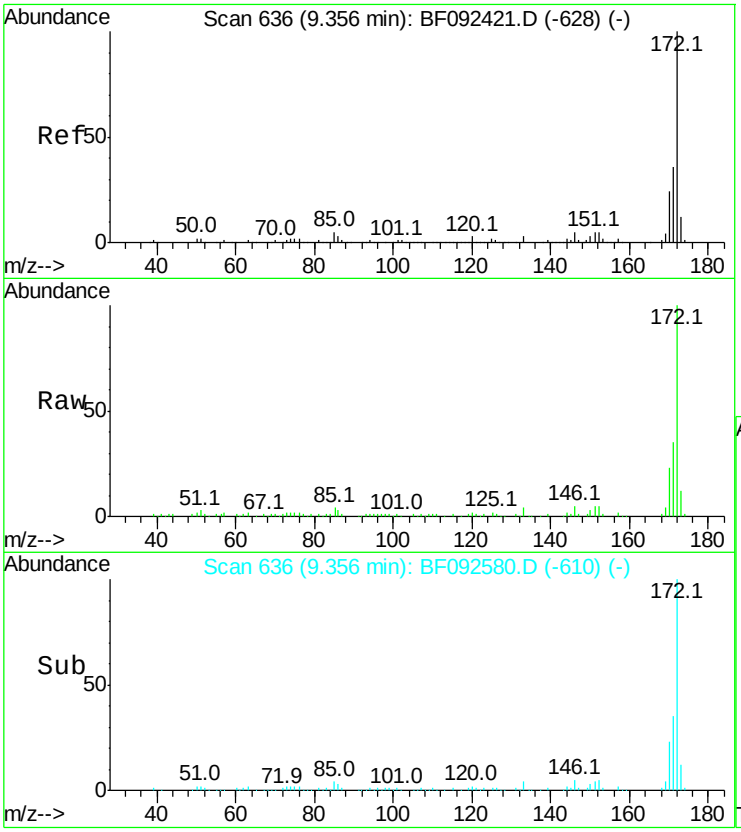


#41
2,4,6-Tribromophenol
Concen: 10.52 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:330 Resp: 22561

Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.4	116.2
141	46.3	34.1	51.1



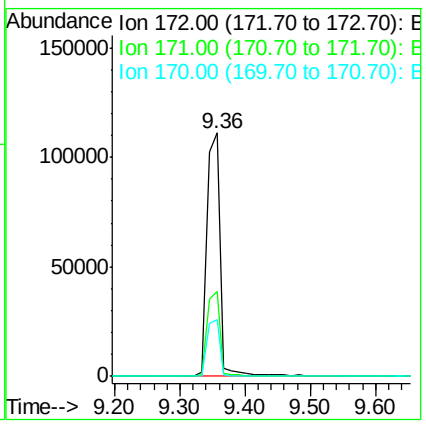


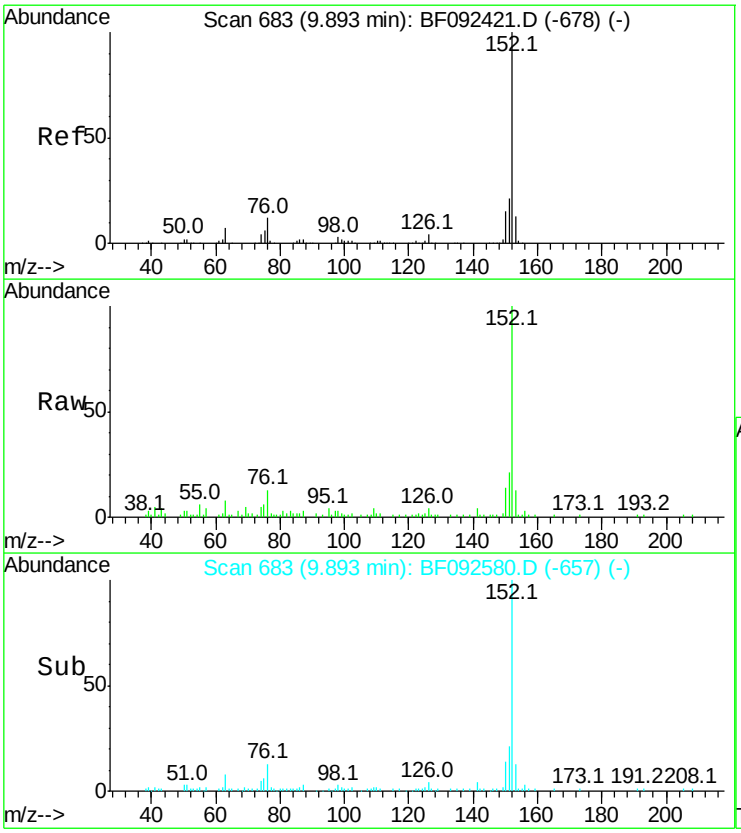
#44
2-Fluorobiphenyl
Concen: 9.29 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 158029

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.0
170	23.2	20.2	30.4

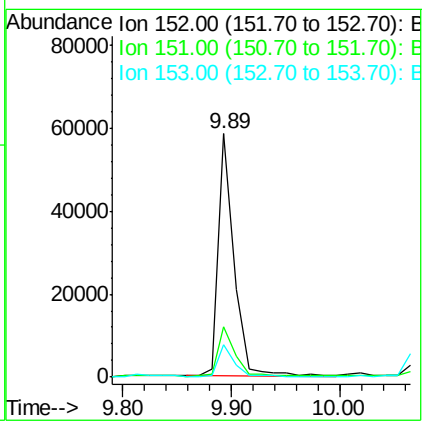


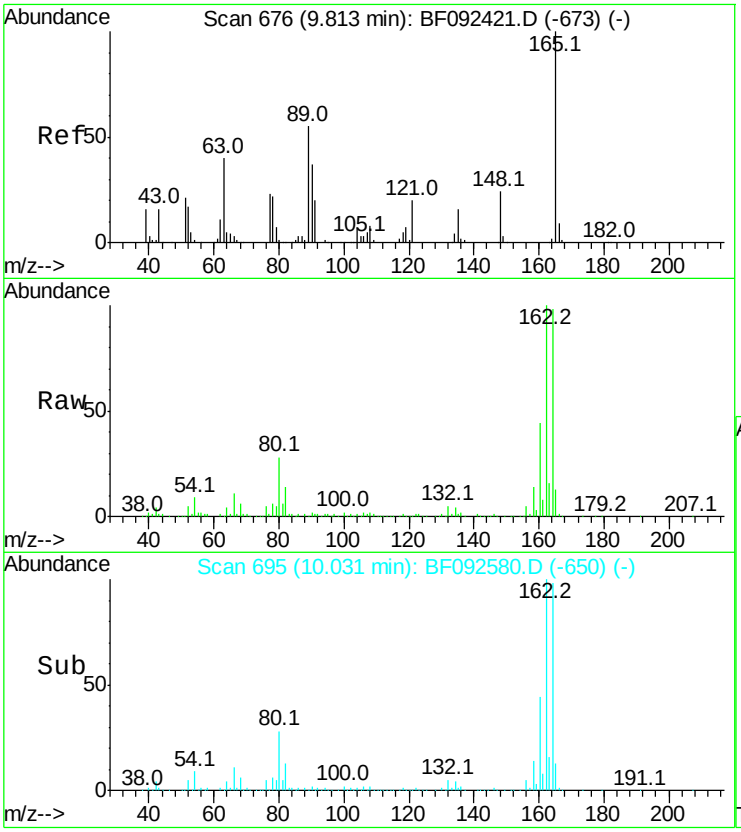


#48
Acenaphthylene
Concen: 2.18 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:152 Resp: 59338

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.3	11.4	17.2



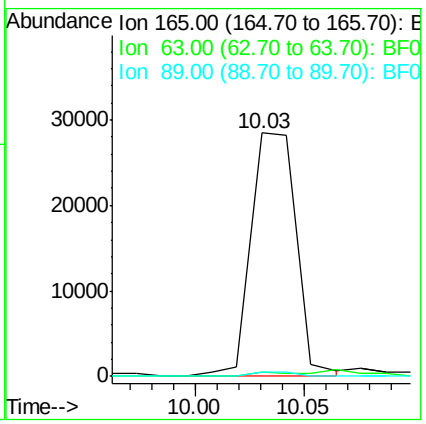


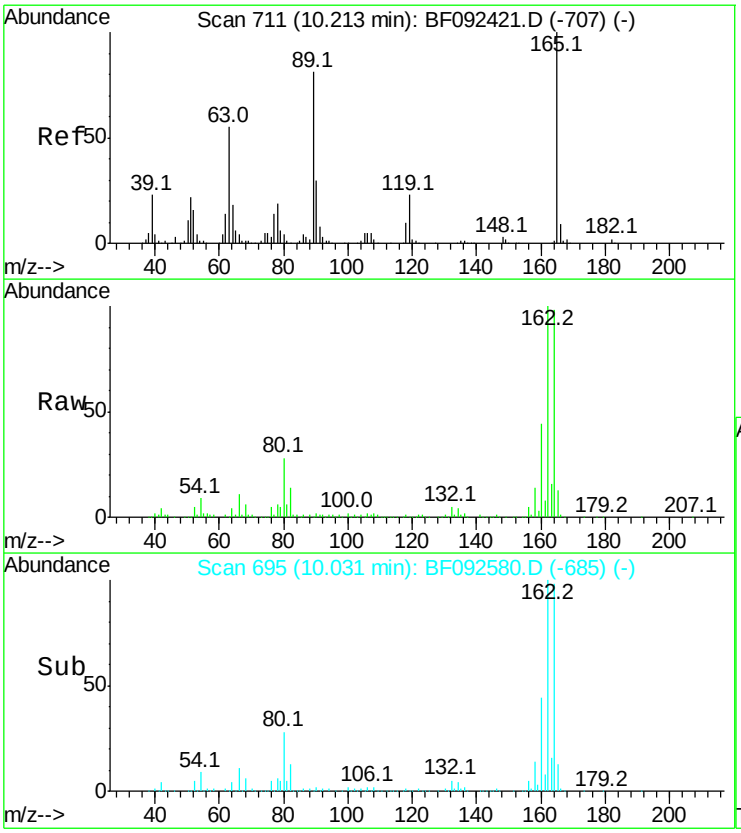
#50
2,6-Dinitrotoluene
Concen: 10.12 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.22 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41388

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.2	54.4#
89	1.5	40.2	60.4#

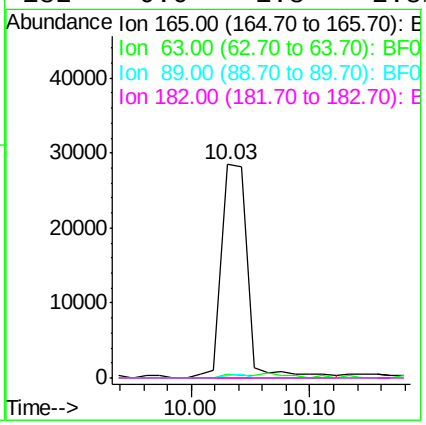


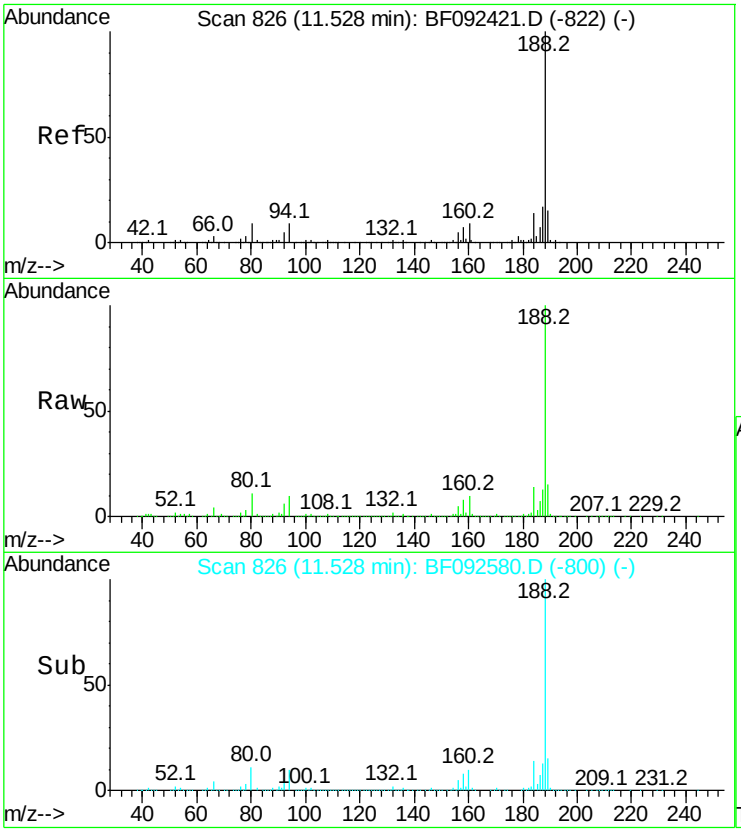


#56
2,4-Dinitrotoluene
Concen: 7.98 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:165 Resp: 43346

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#



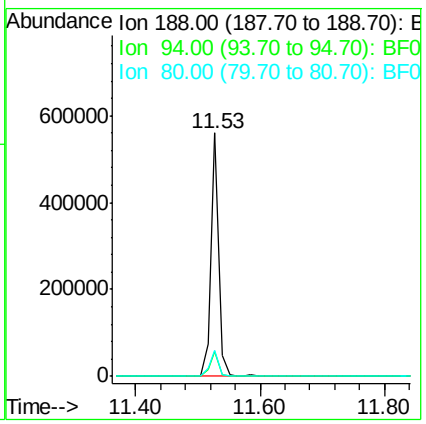


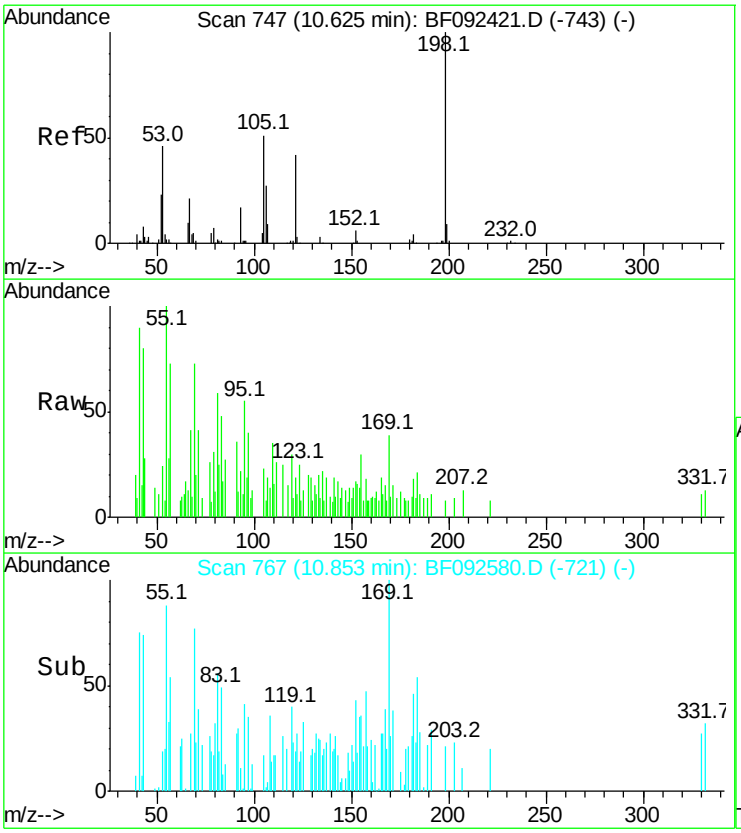
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 479672

Ion	Ratio	Lower	Upper
188	100		
94	10.1	10.0	15.0
80	10.7	11.2	16.8#

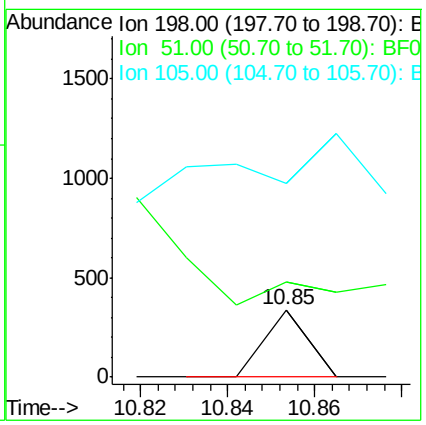


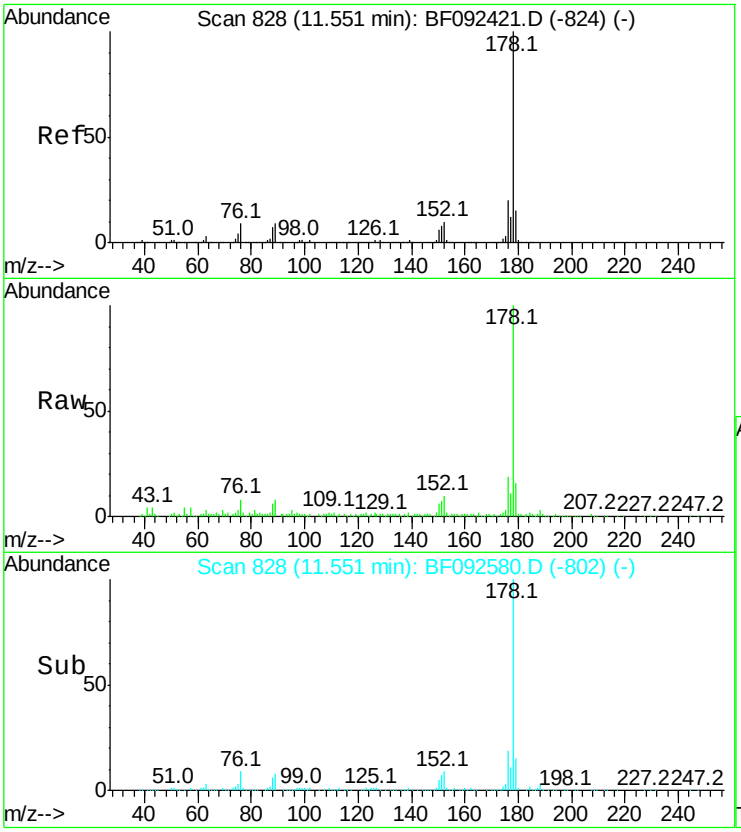


#64
4,6-Dinitro-2-methylphenol
Concen: 5.03 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.23 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:198 Resp: 231

Ion	Ratio	Lower	Upper
198	100		
51	142.7	6.7	46.7#
105	288.7	16.6	56.6#



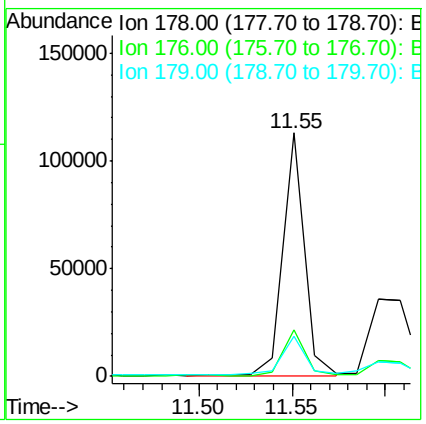


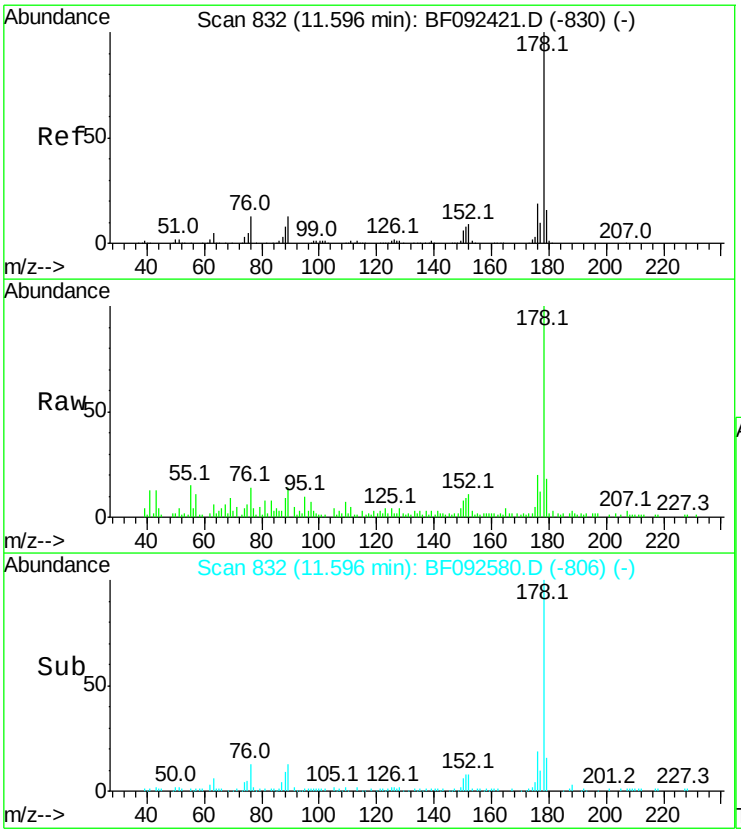
#70
Phenanthrene
Concen: 3.41 ng
RT: 11.55 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 89965

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	16.2	12.8	19.2

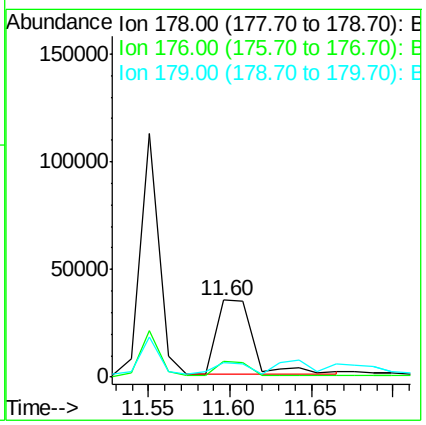


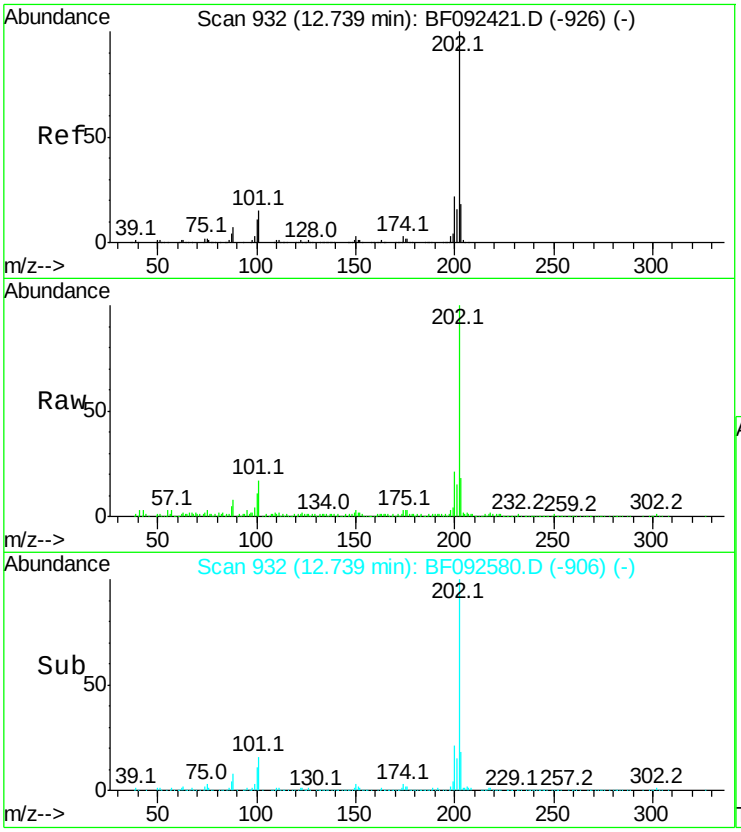


#71
Anthracene
Concen: 2.02 ng
RT: 11.60 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:178 Resp: 52253

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	18.1	13.2	19.8



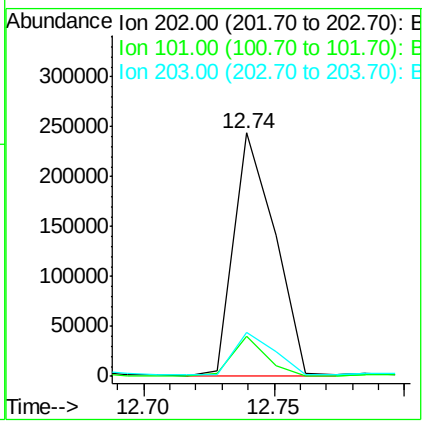


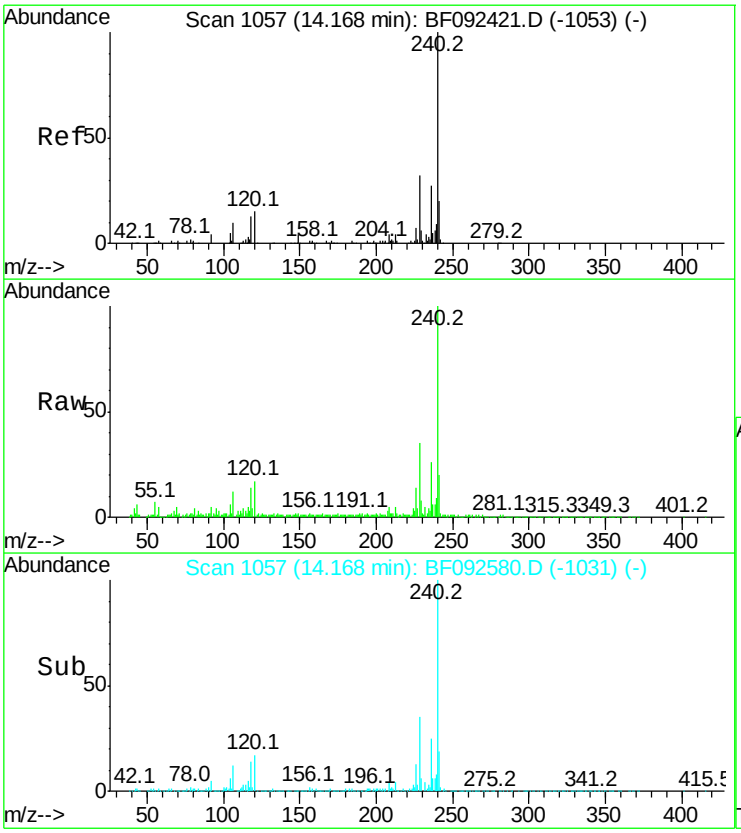
#74
Fluoranthene
Concen: 10.40 ng
RT: 12.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 268753

Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	34.6
203	18.0	0.0	38.7

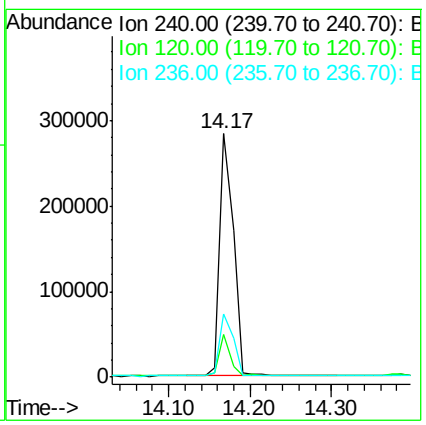


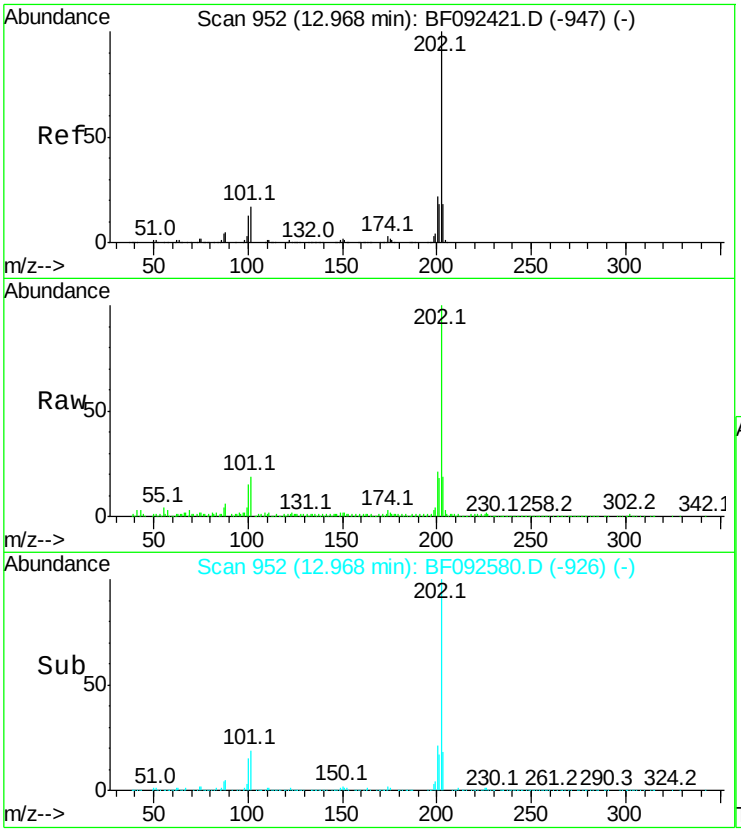


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:240 Resp: 326060

Ion	Ratio	Lower	Upper
240	100		
120	17.3	12.9	19.3
236	25.8	20.9	31.3



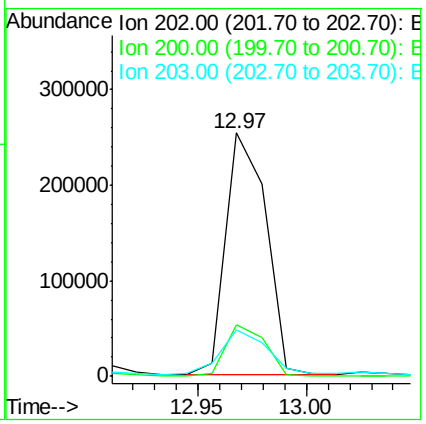


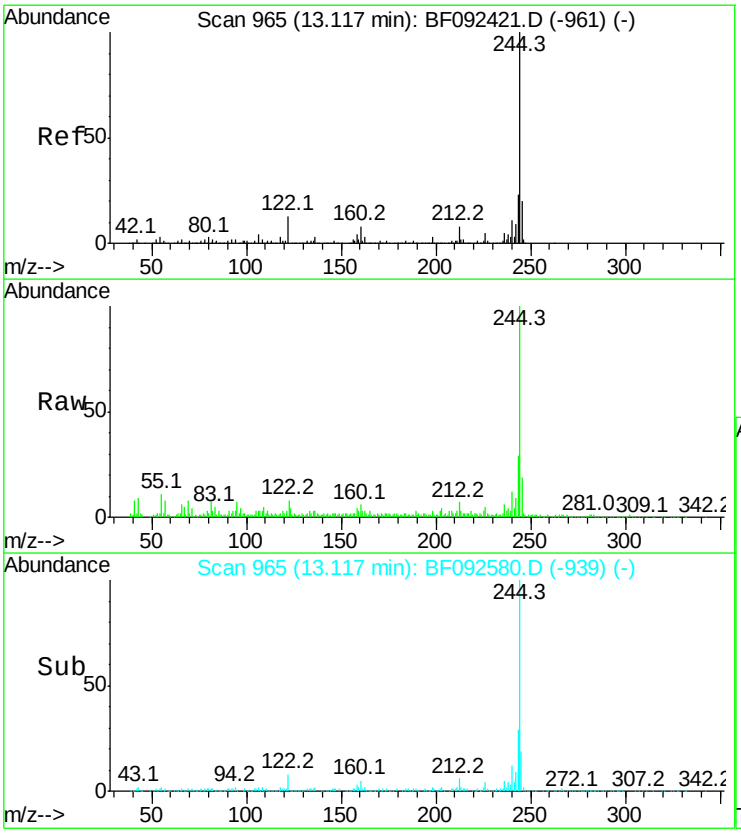
#77
Pyrene
Concen: 13.82 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 326551

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	19.1	14.7	22.1

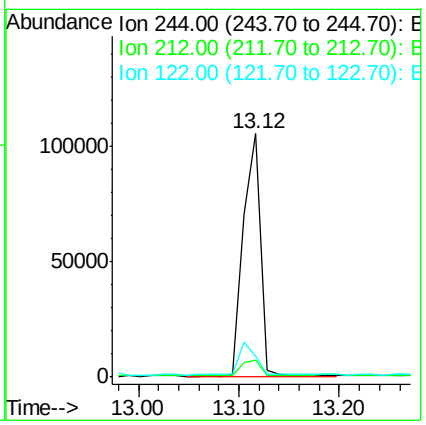


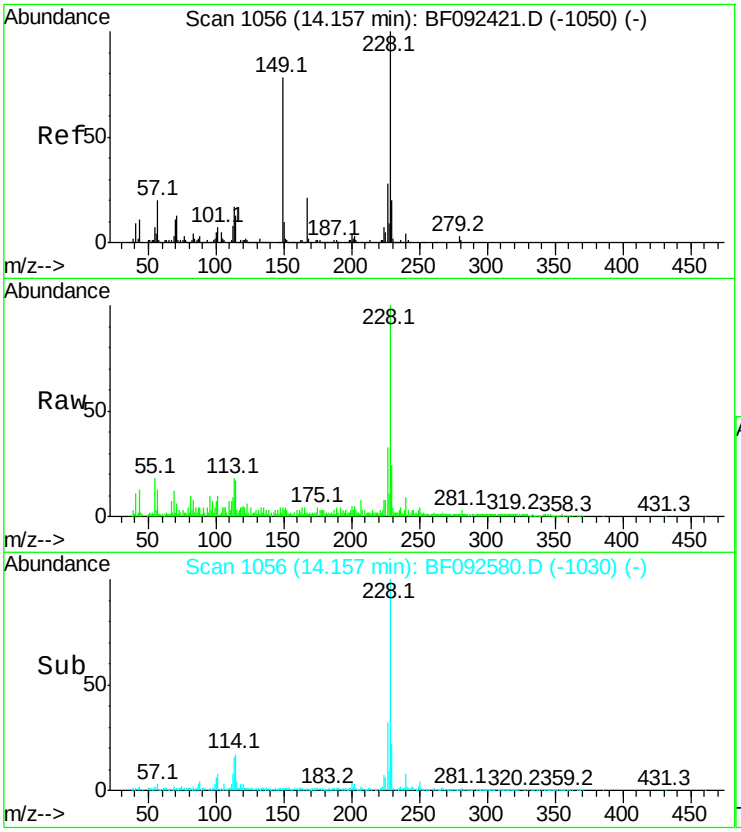


#78
Terphenyl-d14
Concen: 10.41 ng
RT: 13.12 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:244 Resp: 127466

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	8.5	11.4	17.2#



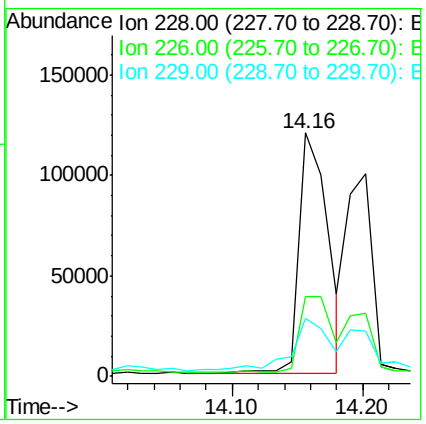


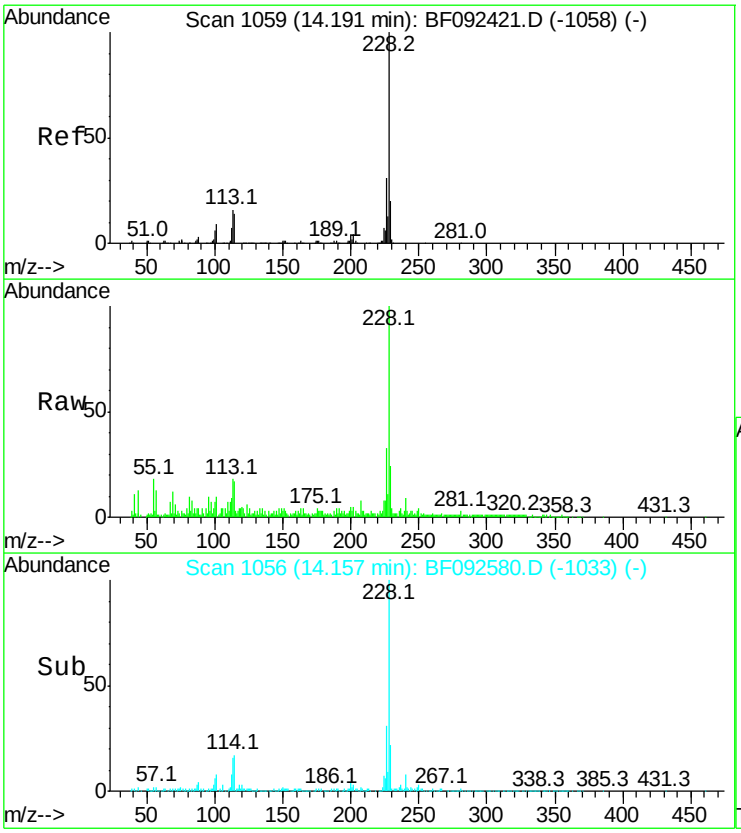
#80
Benzo(a)anthracene
Concen: 10.55 ng
RT: 14.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 184854

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.4	33.6
229	24.0	16.2	24.4

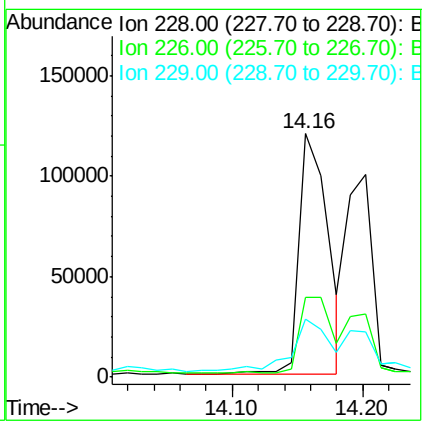


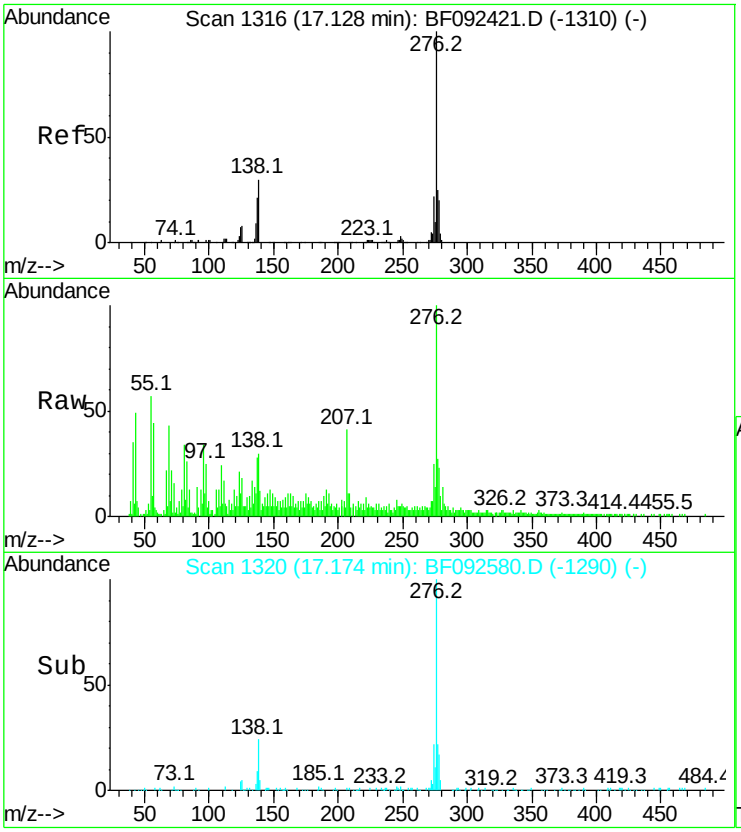


#82
Chrysene
Concen: 9.88 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:228 Resp: 184854

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.4	38.0
229	24.0	16.2	24.2



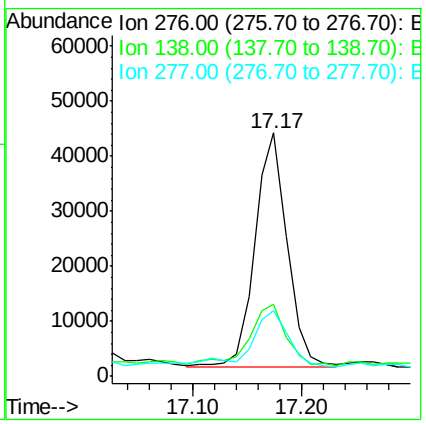


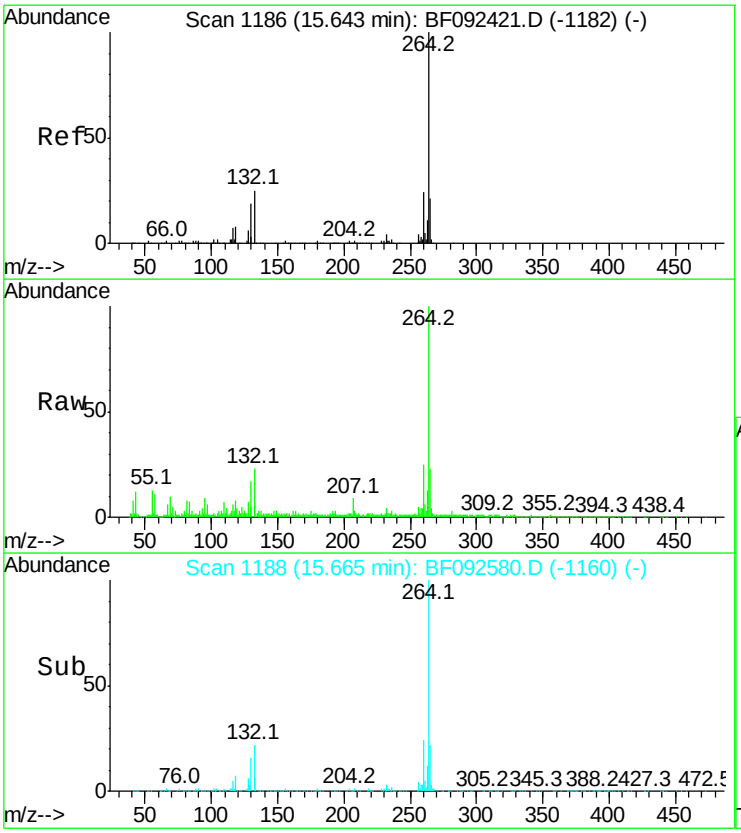
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.35 ng
RT: 17.17 min Scan# 1320
Delta R.T. 0.05 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 87861

Ion	Ratio	Lower	Upper
276	100		
138	30.7	21.8	32.6
277	27.6	20.2	30.4

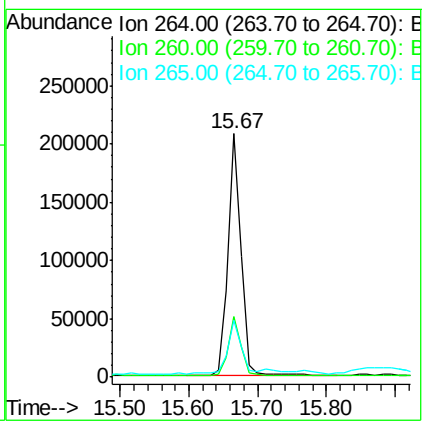


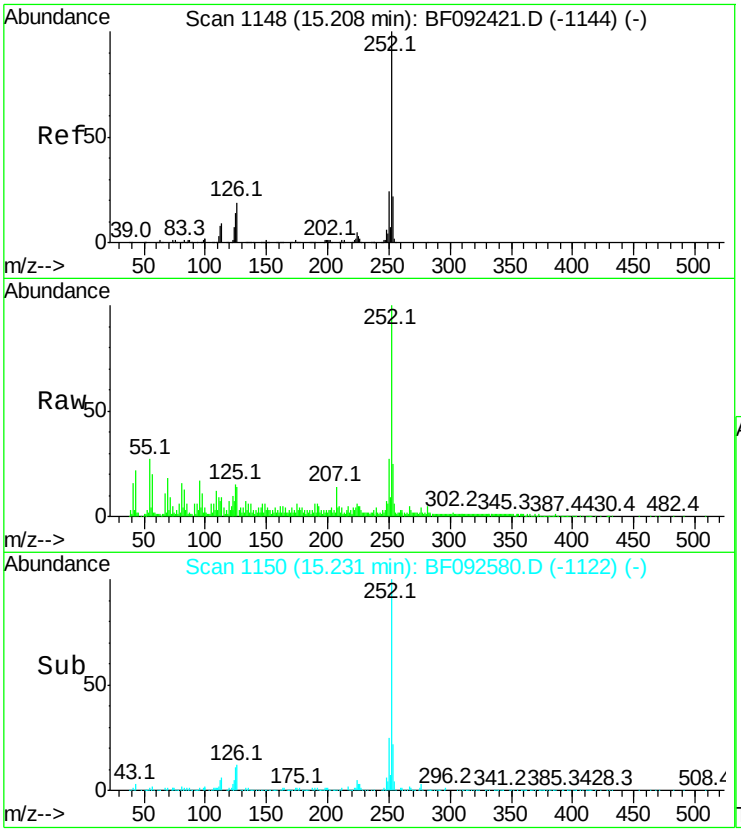


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.67 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:264 Resp: 279330

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	23.2	17.4	26.0



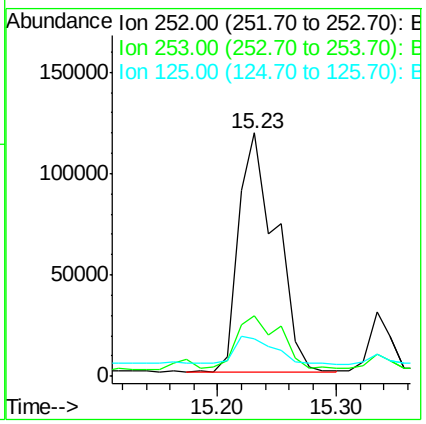


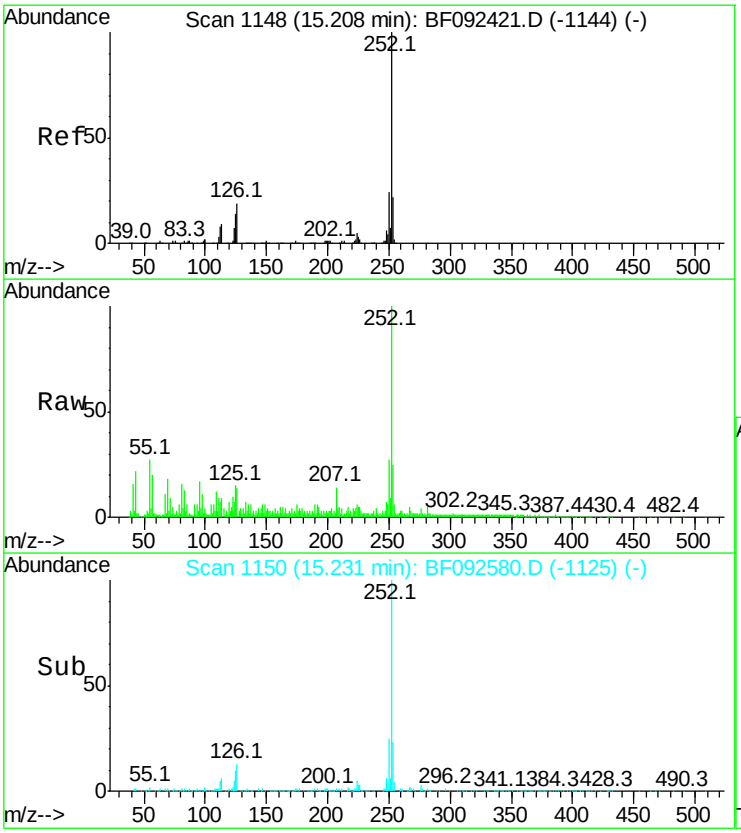
#87
Benzo(b)fluoranthene
Concen: 14.32 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 256785

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.4
125	15.4	9.8	14.6#

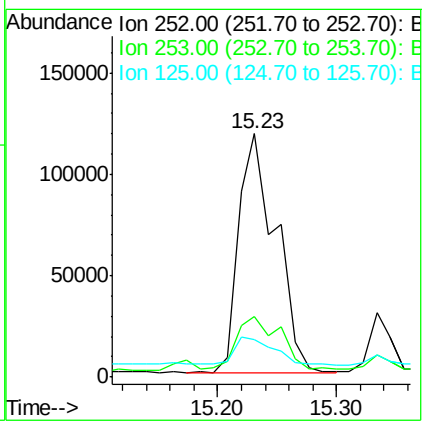


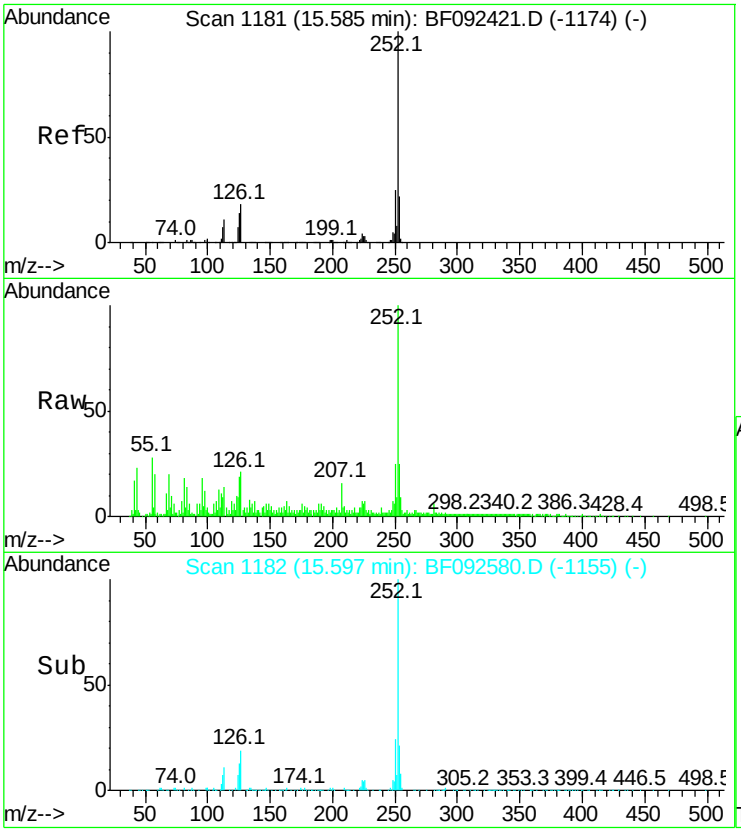


#88
Benzo(k)fluoranthene
Concen: 17.21 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:252 Resp: 256600

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.5	27.7
125	15.4	8.9	13.3#



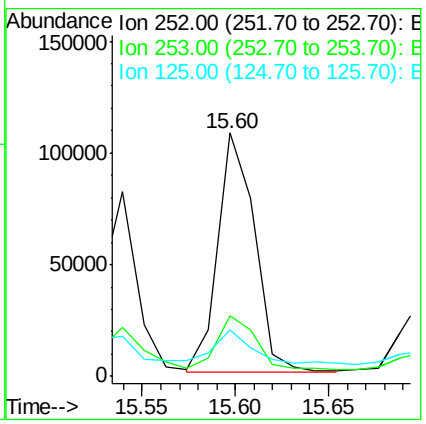


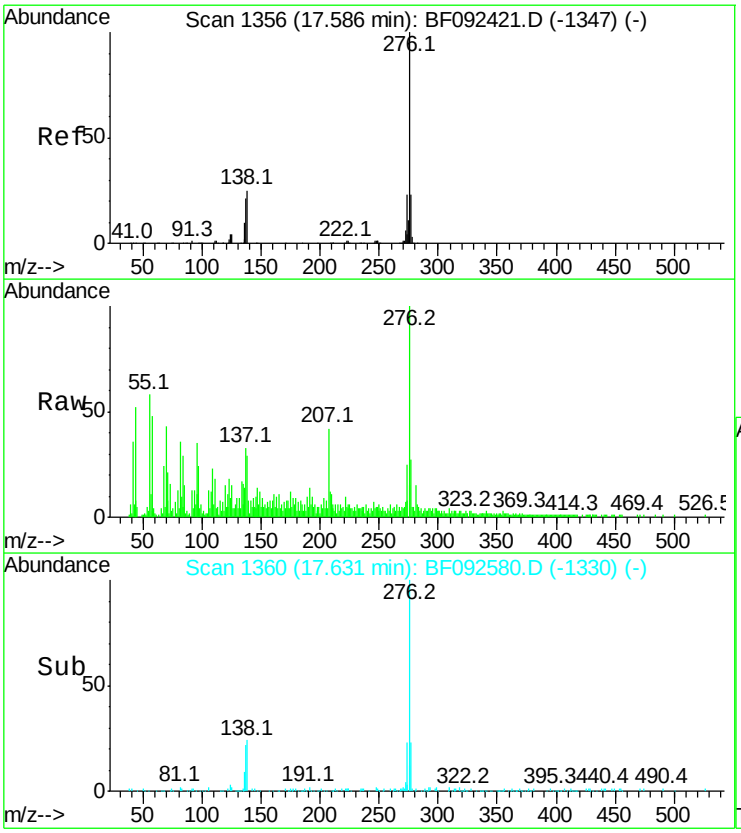
#89
Benzo(a)pyrene
Concen: 9.65 ng
RT: 15.60 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 146453

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	19.2	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 7.11 ng
RT: 17.63 min Scan# 1360
Delta R.T. 0.05 min
Lab File: BF092580.D
Acq: 27 Jan 2017 16:33

Tgt Ion:276 Resp: 88143

Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.2	28.8
138	29.3	16.0	24.0#