Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092503.D
Acq On : 26 Jan 2017 3:27
Operator : SJ/MA
Sample : I1346-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P15-11817

Quant Time: Jan 26 12:19:58 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	6.97	152	158381	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	623068	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	335932	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	560075	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	486830	20.00	ng		-0.02
86) Perylene-d12	15.63	264	378853	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1371683	134.75	ng		0.01
7) Phenol-d6	6.59	99	1539072	118.69	ng		0.00
23) Nitrobenzene-d5	7.53	82	1078217	94.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	355081	155.11	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1561975	85.98	ng		-0.01
78) Terphenyl-d14	13.11	244	1518724	83.07	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.60	94	131034	8.37	ng	#	73
49) Dimethylphthalate	9.73	163	126881	5.94	ng		99
51) Acenaphthene	10.05	154	131299	7.26	ng		95
54) Dibenzofuran	10.22	168	105106	4.28	ng		99
57) Fluorene	10.57	166	85975	4.72	ng		96
70) Phenanthrene	11.54	178	221936	7.20	ng		96
71) Anthracene	11.58	178	158205	5.25	ng		97
74) Fluoranthene	12.73	202	394884	13.09	ng		95
77) Pyrene	12.96	202	372769	10.57	ng		97
80) Benzo(a)anthracene	14.13	228	128205	4.90	ng		99
82) Chrysene	14.17	228	96826m	3.47	ng		
87) Benzo(b)fluoranthene	15.19	252	118918m	4.89	ng		
89) Benzo(a)pyrene	15.56	252	81832	3.98	ng		98
91) Benzo(g,h,i)perylene	17.54	276	43200	2.57	ng	#	94

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092503.D
Acq On : 26 Jan 2017 3:27
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Misc :
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Instrument :
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P15-11817

Quant Time: Jan 26 12:19:58 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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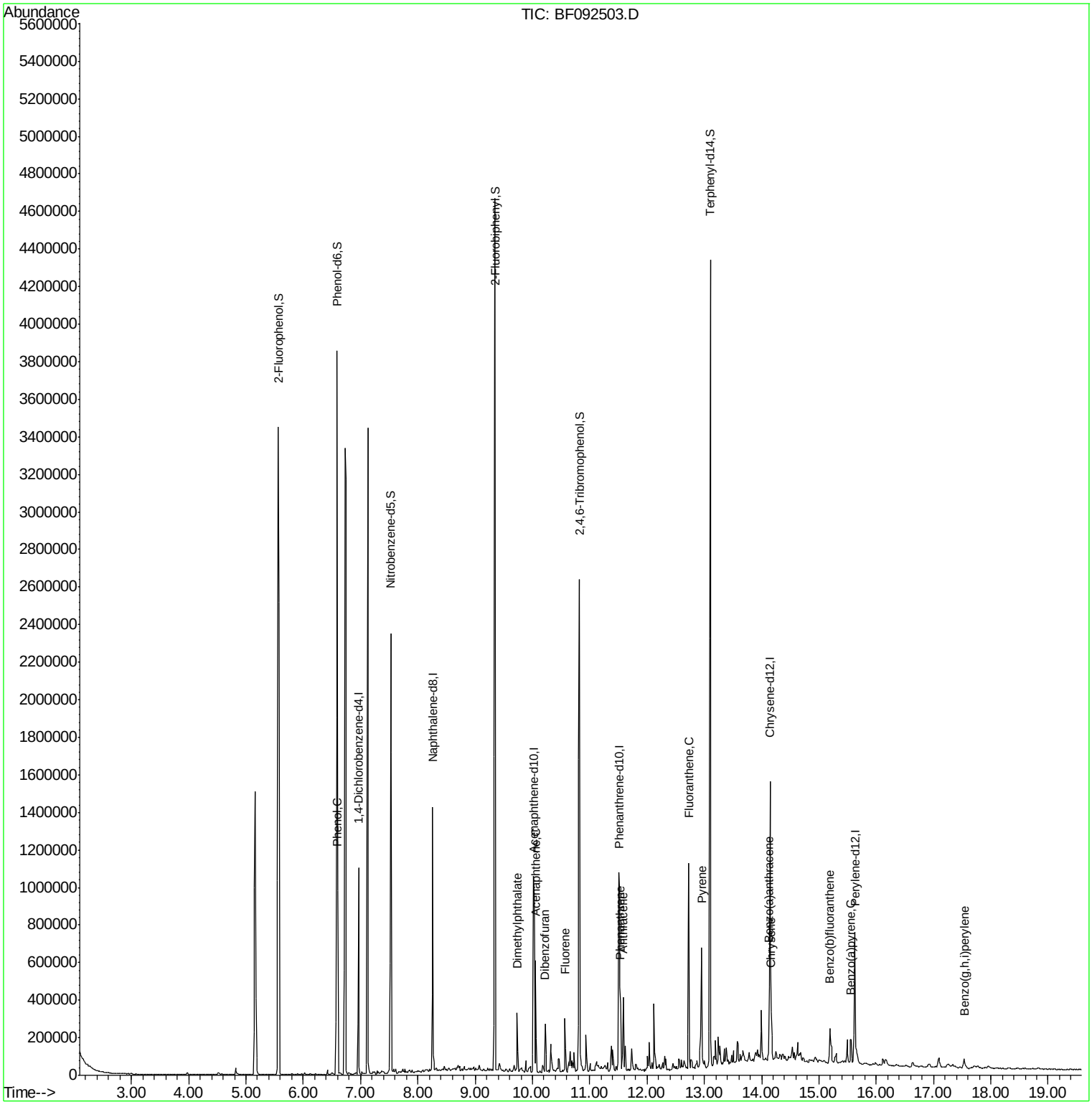
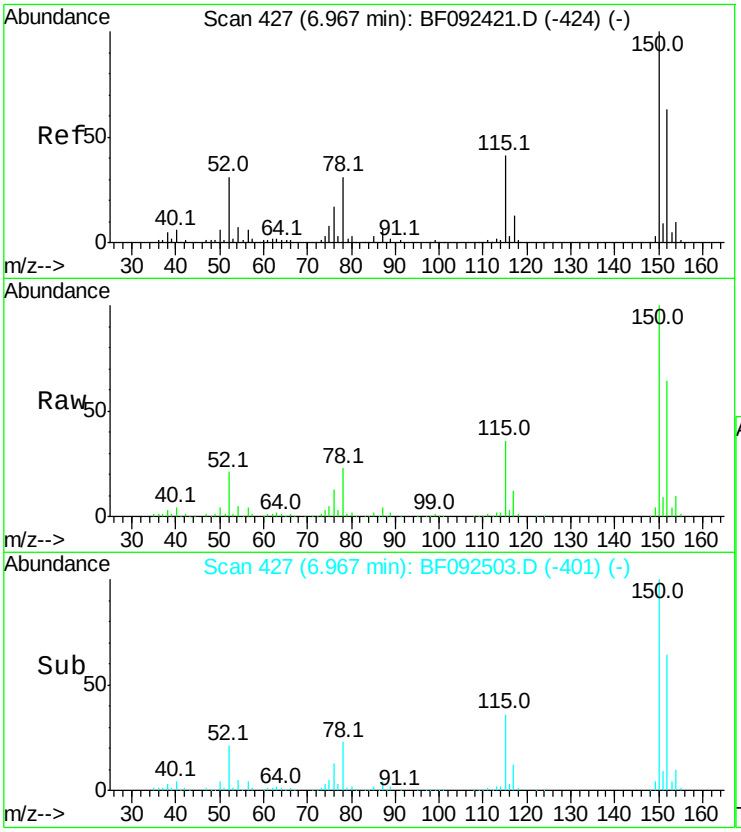


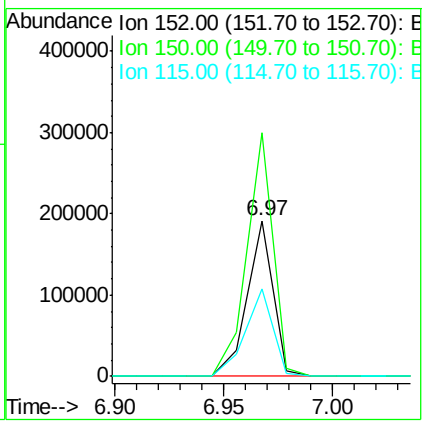


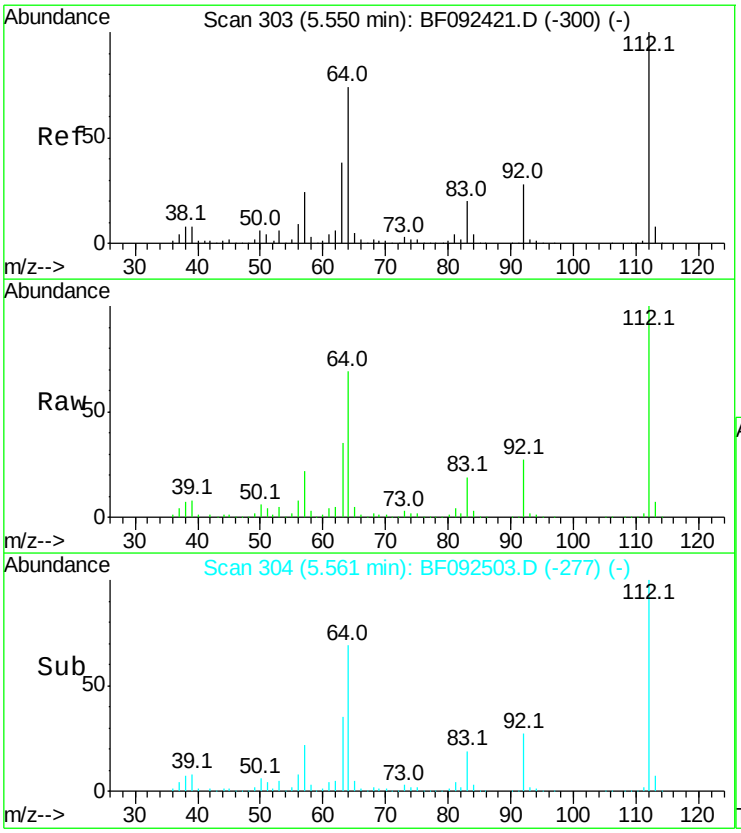
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
P15-11817

Tgt Ion:152 Resp: 158381

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.9	187.3
115	56.4	46.0	69.0

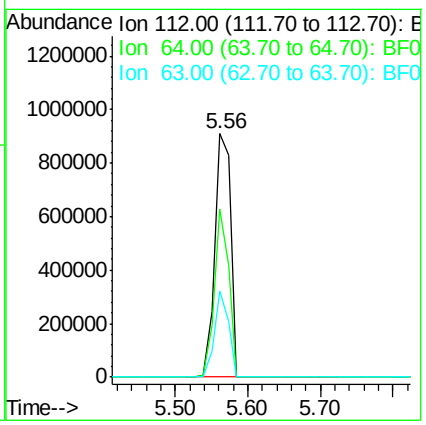


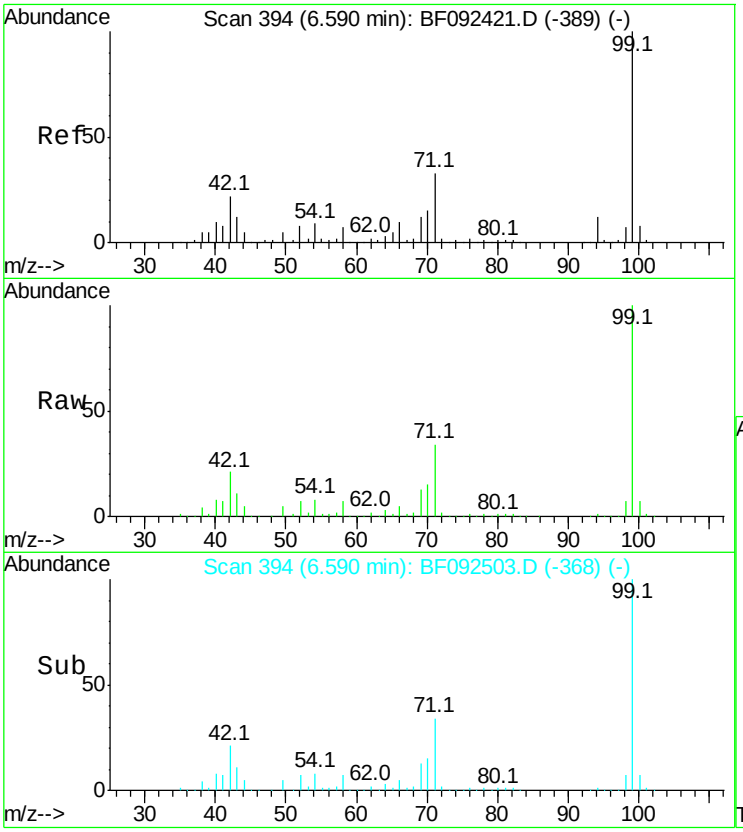


#5
2-Fluorophenol
Concen: 134.75 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion:112 Resp: 1371683

Ion	Ratio	Lower	Upper
112	100		
64	69.1	46.1	69.1
63	35.3	23.8	35.6



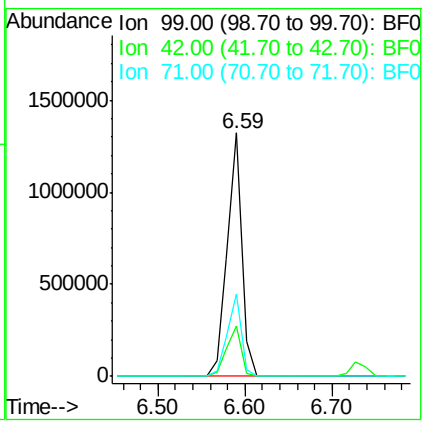


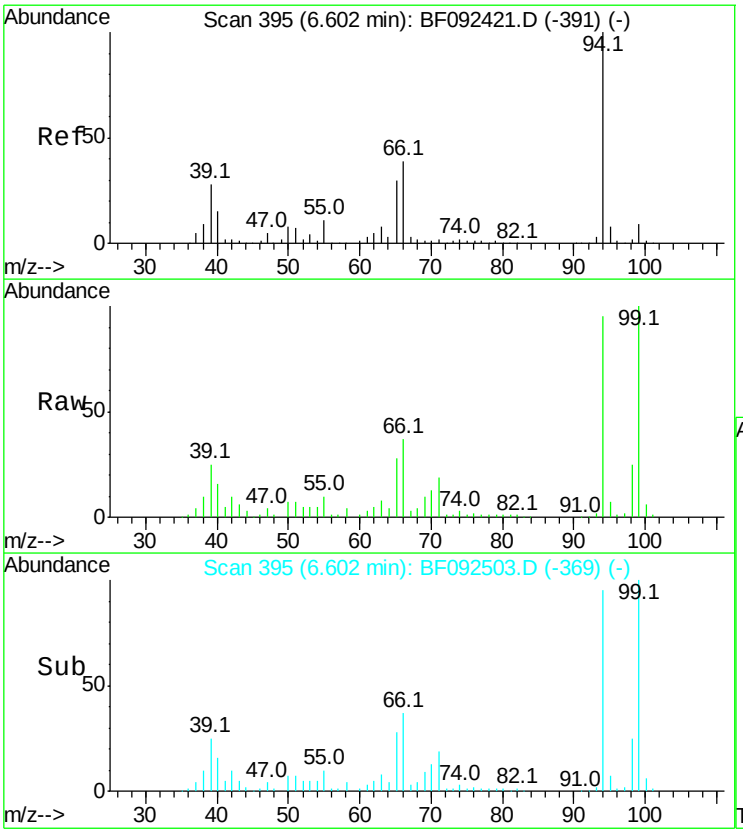
#7
Phenol-d6
Concen: 118.69 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
P15-11817

Tgt Ion: 99 Resp: 1539072

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.6	23.4
71	33.7	27.5	41.3

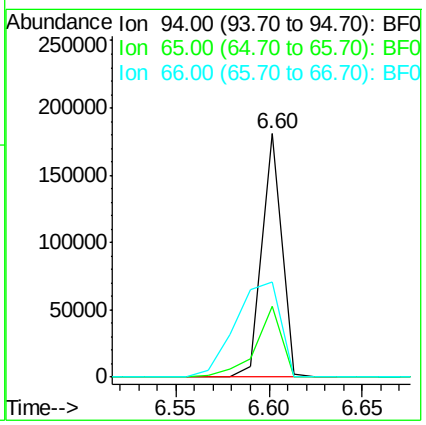


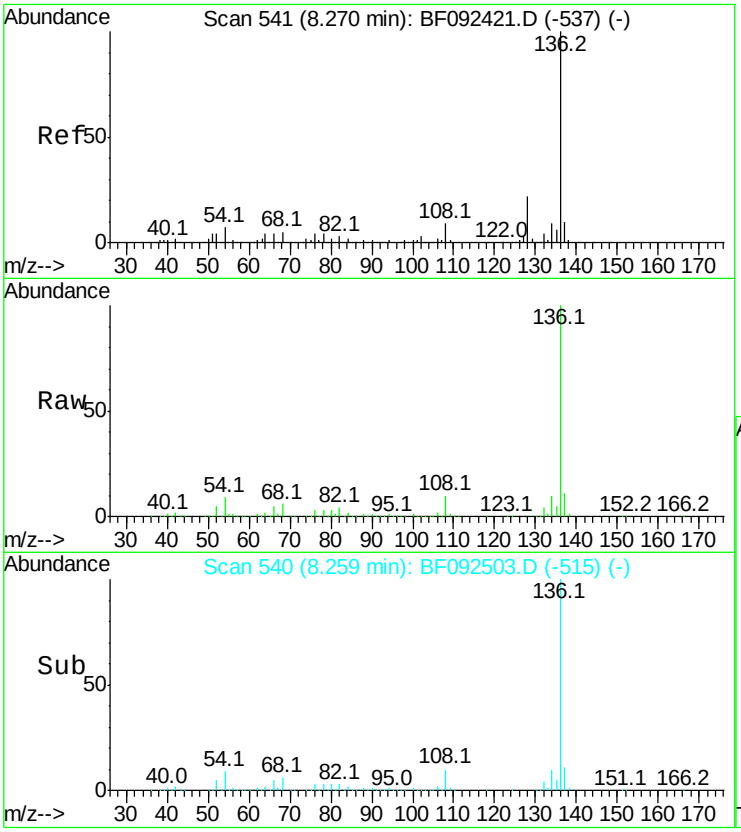


#10
Phenol
Concen: 8.37 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion: 94 Resp: 131034

Ion	Ratio	Lower	Upper
94	100		
65	29.1	21.4	61.4
66	39.3	44.0	84.0#



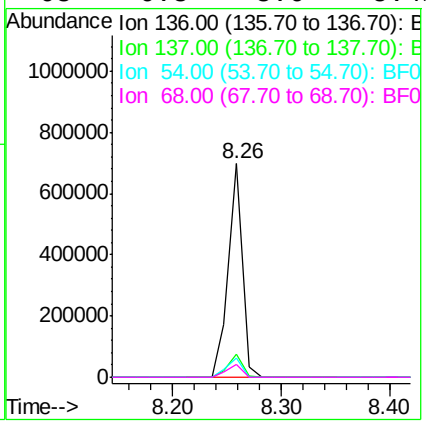


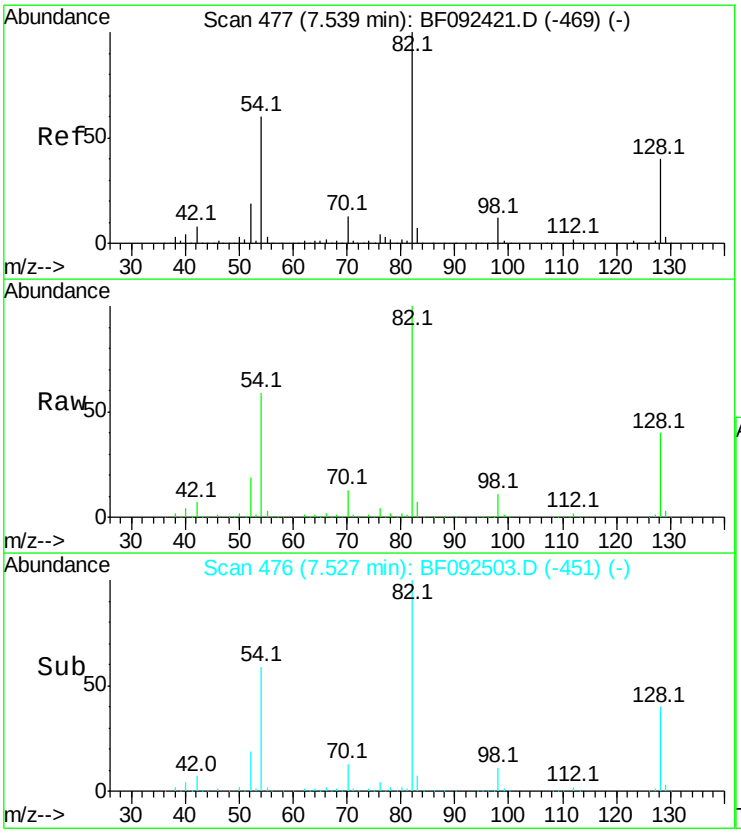
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
P15-11817

Tgt Ion:136 Resp: 623068

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.2	4.5	6.7#
68	6.3	3.6	5.4#

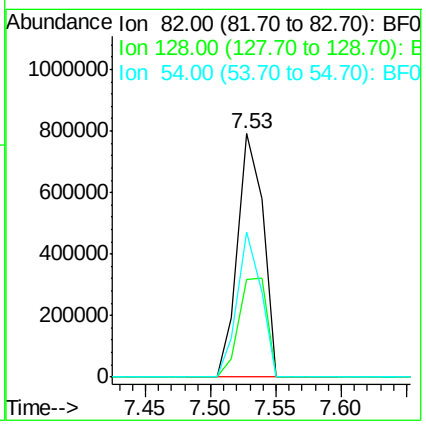


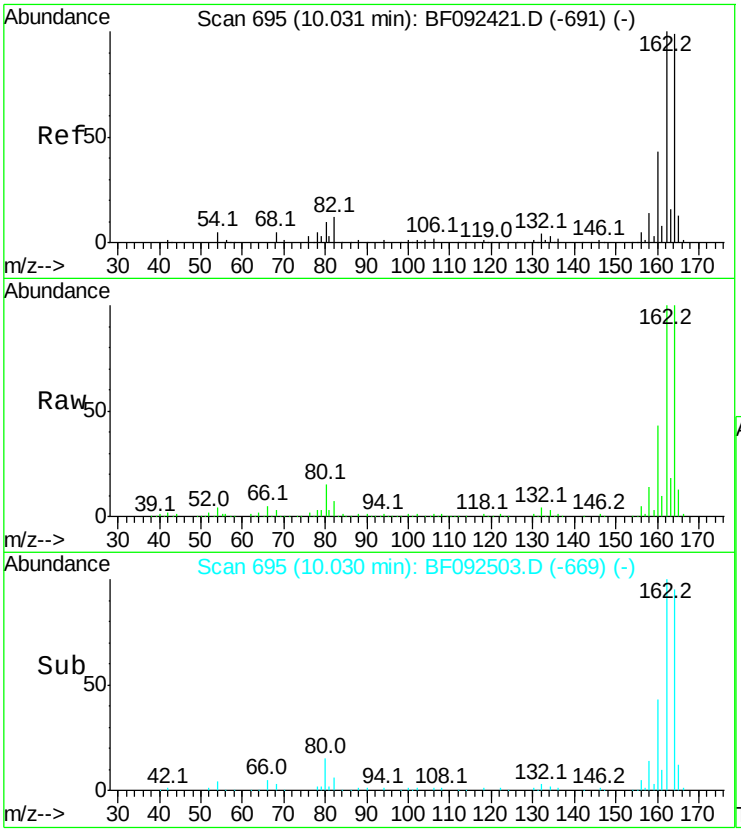


#23
Nitrobenzene-d5
Concen: 94.53 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion: 82 Resp: 1078217

Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.6	52.0
54	59.5	39.5	59.3#



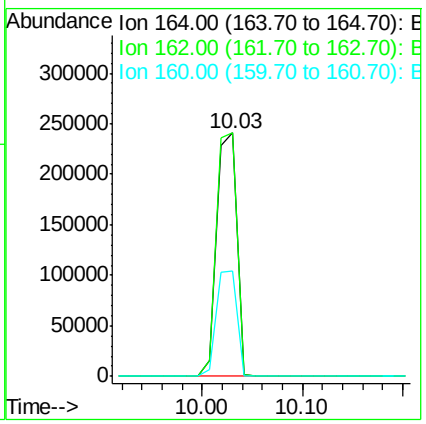


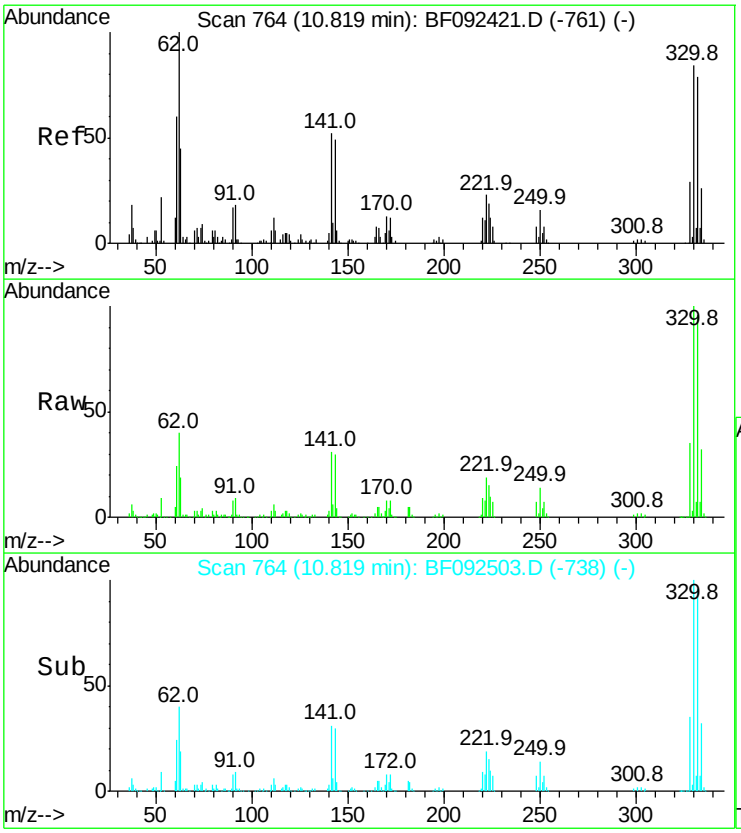
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
P15-11817

Tgt Ion:164 Resp: 335932

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.2
160	43.1	36.9	55.3

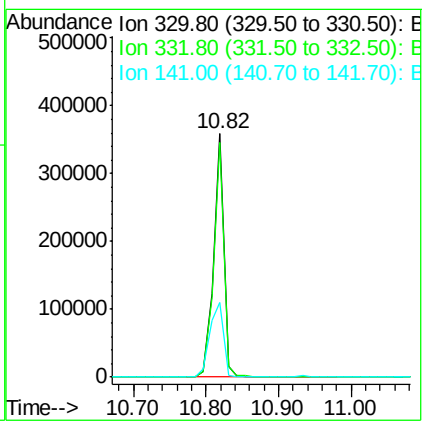


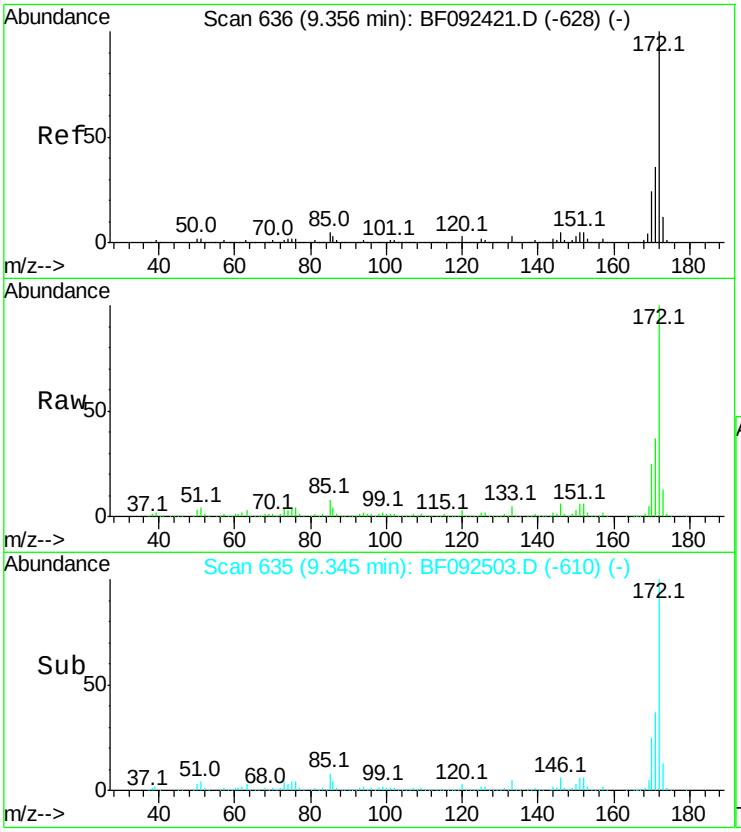


#41
2,4,6-Tribromophenol
Concen: 155.11 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion:330 Resp: 355081

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	40.7	34.1	51.1



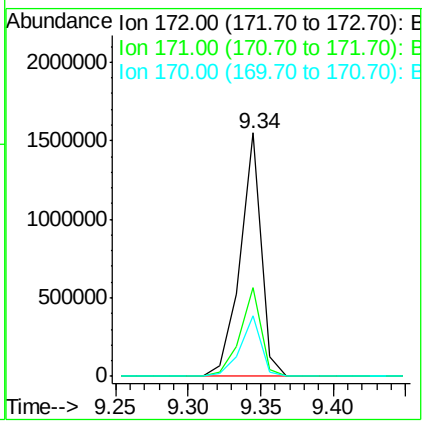


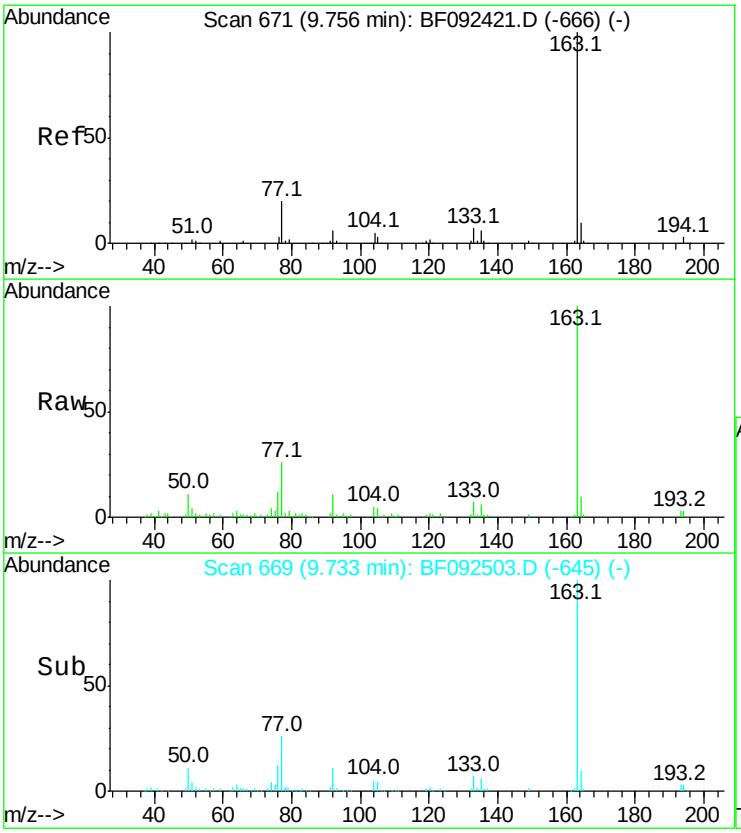
#44
2-Fluorobiphenyl
Concen: 85.98 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
P15-11817

Tgt Ion:172 Resp: 1561975

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.8	20.2	30.4

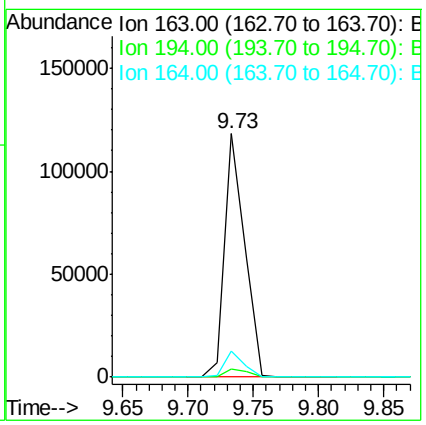


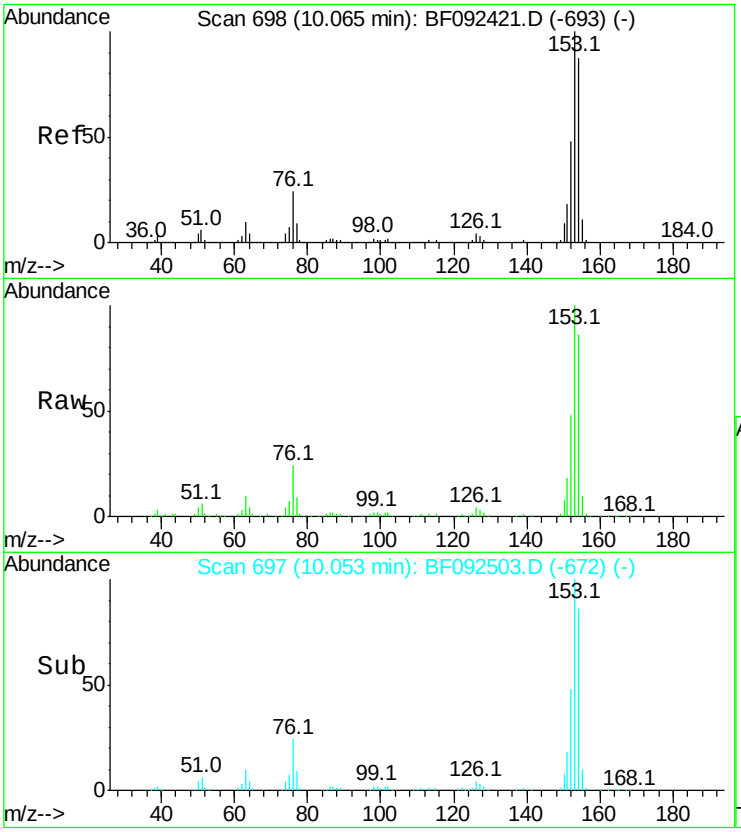


#49
Dimethylphthalate
Concen: 5.94 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion:163 Resp: 126881

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.5	8.0	12.0



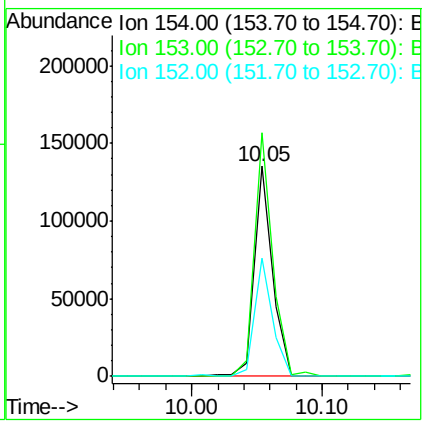


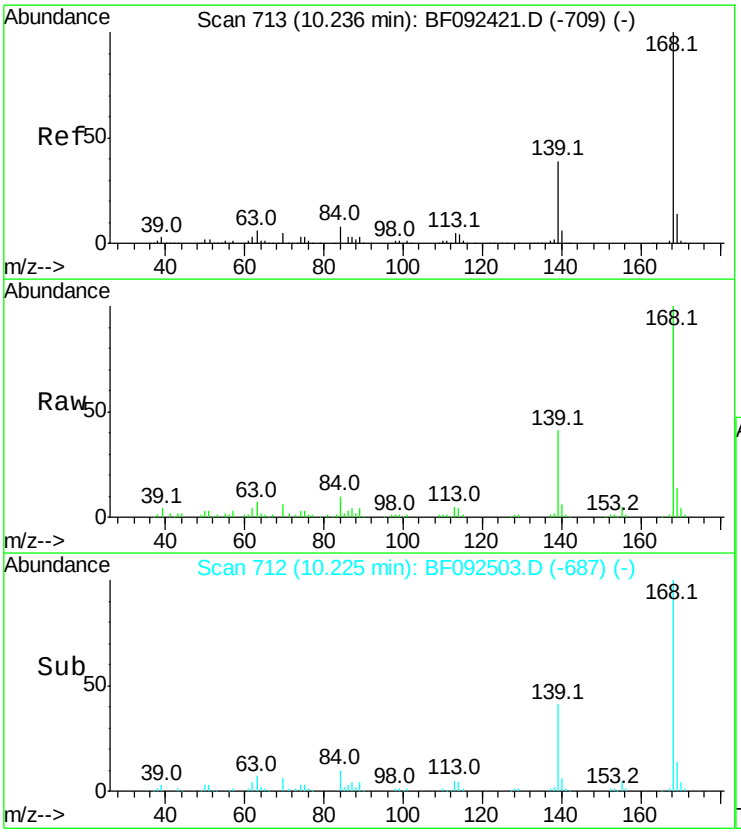
#51
Acenaphthene
Concen: 7.26 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
P15-11817

Tgt Ion:154 Resp: 131299

Ion	Ratio	Lower	Upper
154	100		
153	115.9	88.6	133.0
152	56.0	41.6	62.4

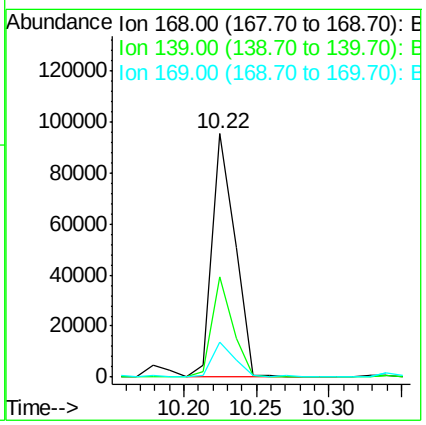


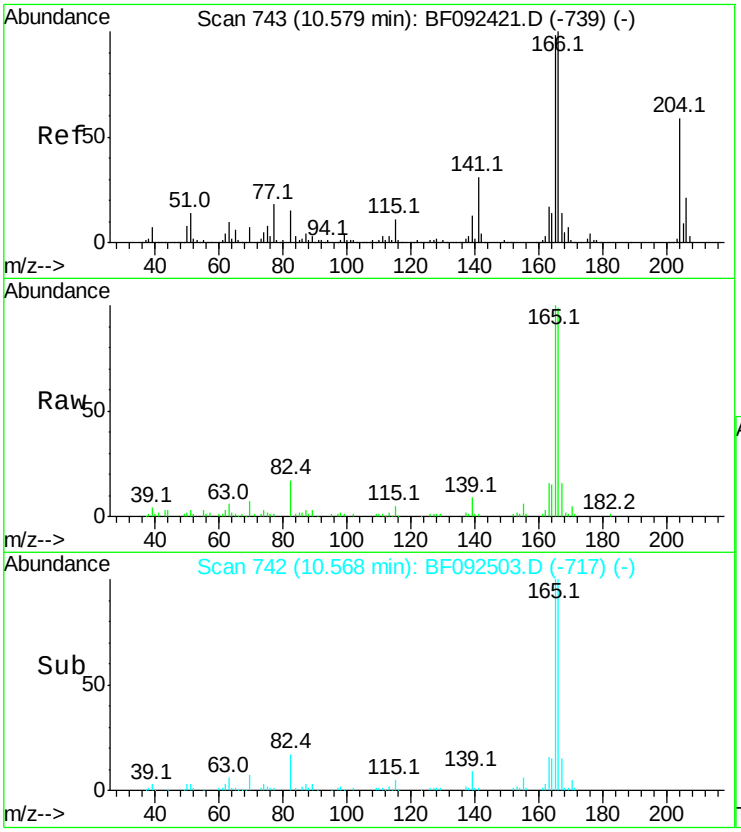


#54
Dibenzofuran
Concen: 4.28 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion:168 Resp: 105106

Ion	Ratio	Lower	Upper
168	100		
139	41.1	32.6	49.0
169	14.5	11.3	16.9



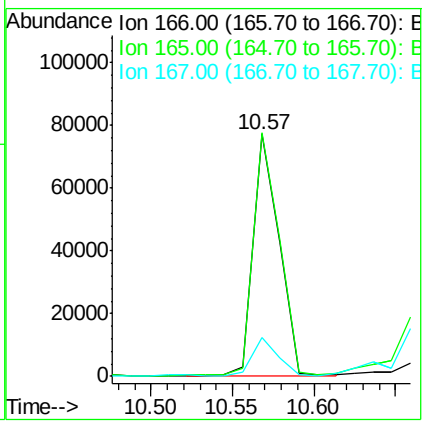


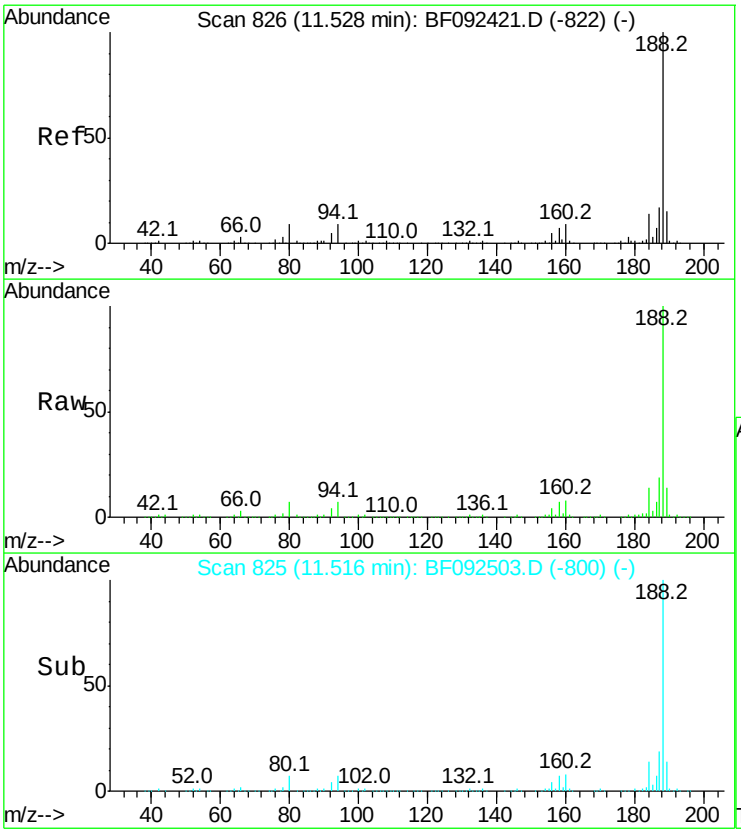
#57
Fluorene
Concen: 4.72 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
P15-11817

Tgt Ion:166 Resp: 85975

Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.8	116.8
167	16.0	10.8	16.2

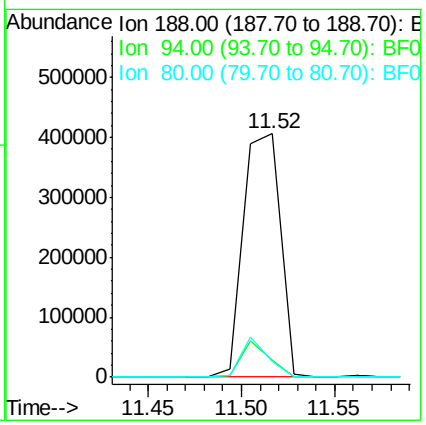


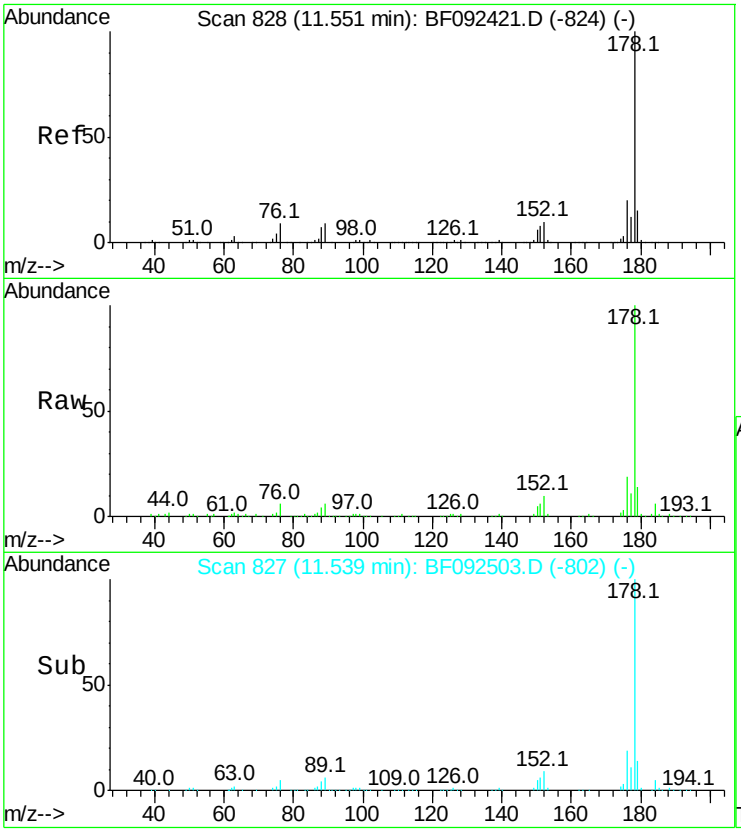


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion:188 Resp: 560075

Ion	Ratio	Lower	Upper
188	100		
94	6.9	10.0	15.0#
80	6.6	11.2	16.8#



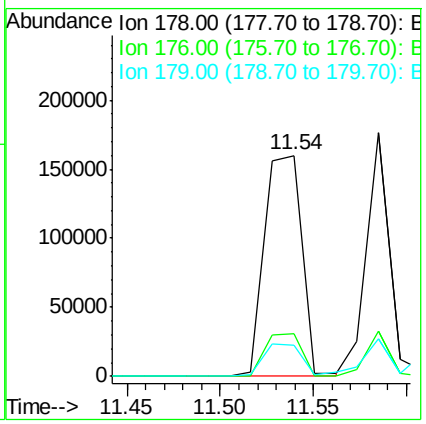


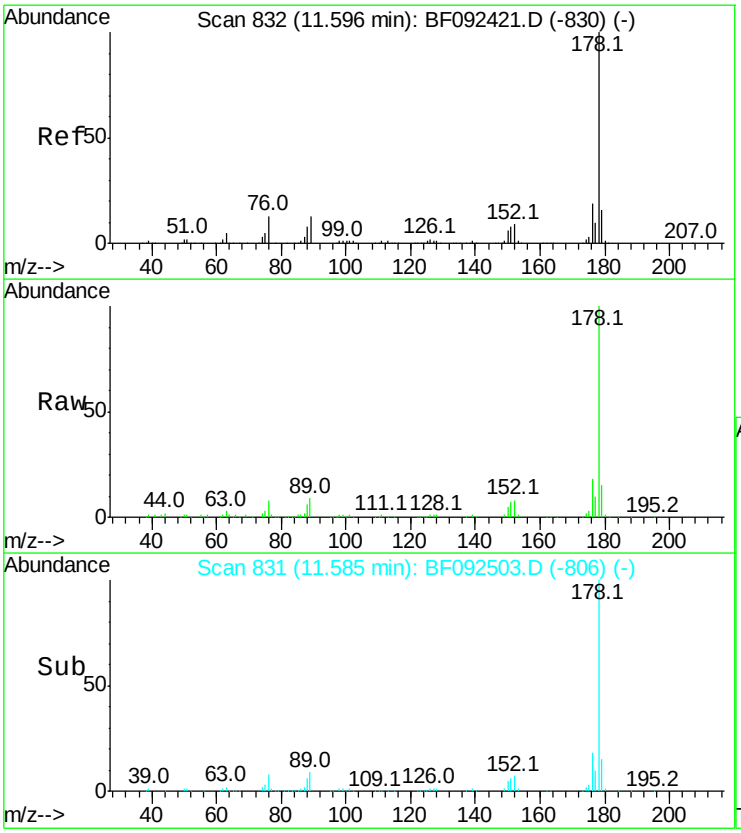
#70
Phenanthrene
Concen: 7.20 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
P15-11817

Tgt Ion:178 Resp: 221936

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.6	25.0
179	14.4	12.8	19.2

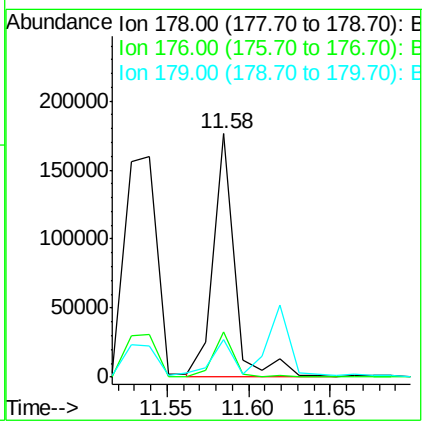


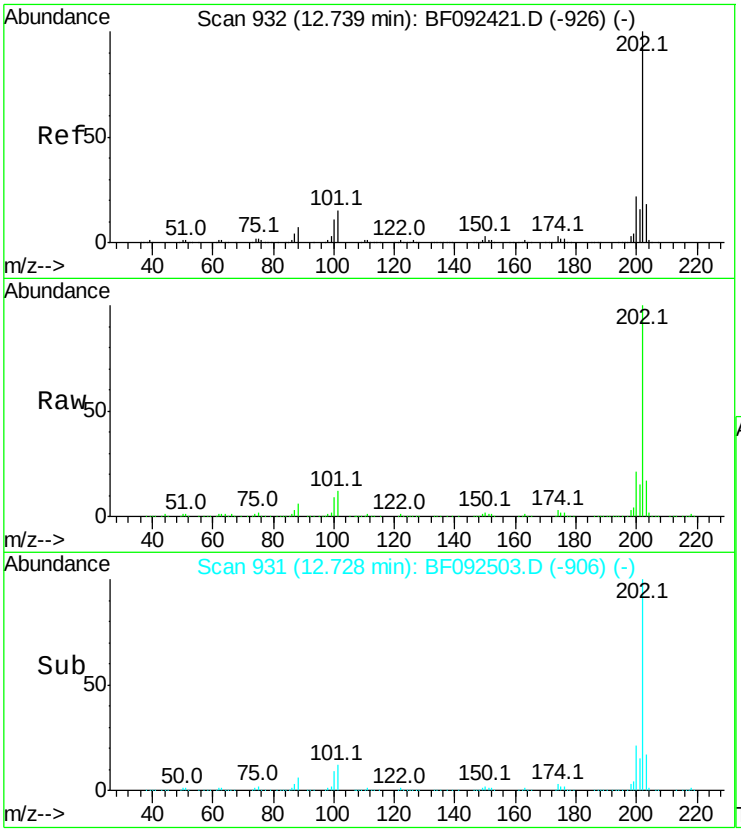


#71
Anthracene
Concen: 5.25 ng
RT: 11.58 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion:178 Resp: 158205

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	15.2	13.2	19.8



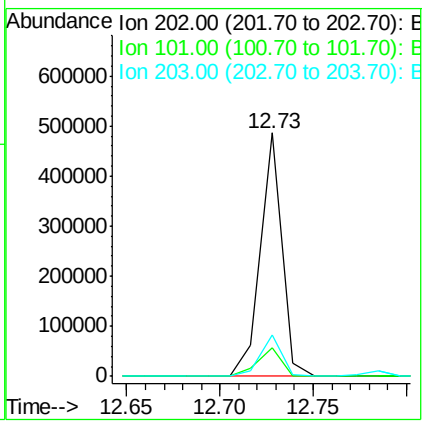


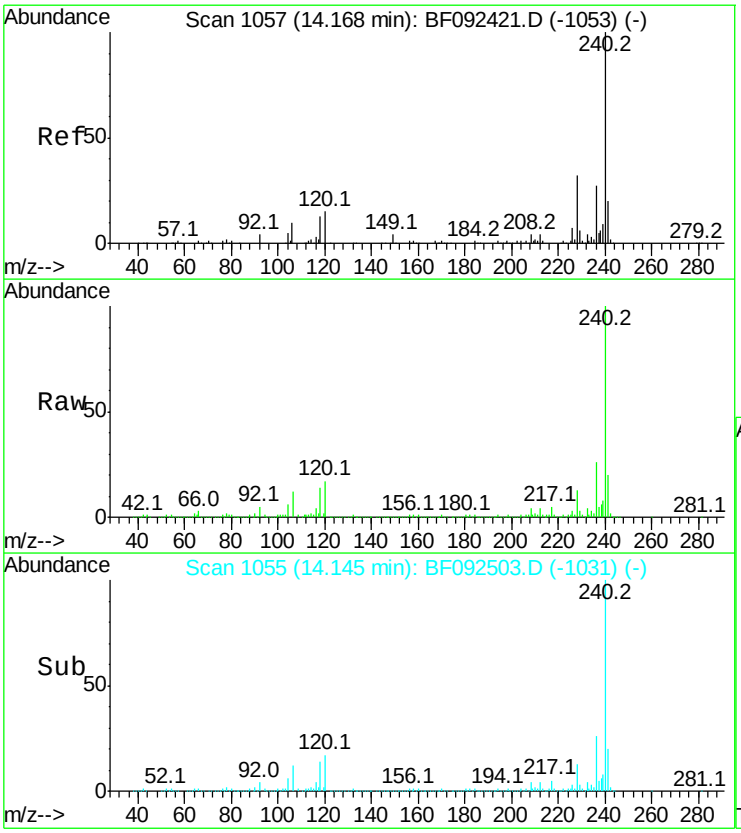
#74
Fluoranthene
Concen: 13.09 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
P15-11817

Tgt Ion:202 Resp: 394884

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.6
203	17.0	0.0	38.7

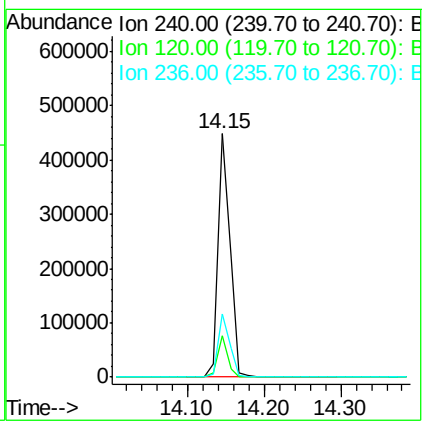


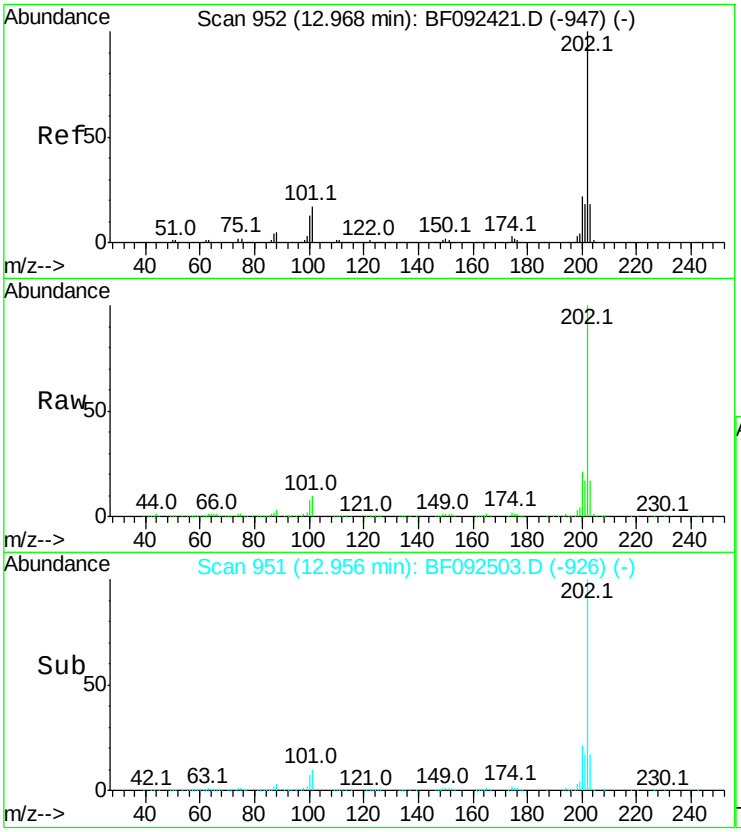


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion:240 Resp: 486830

Ion	Ratio	Lower	Upper
240	100		
120	17.0	12.9	19.3
236	26.0	20.9	31.3

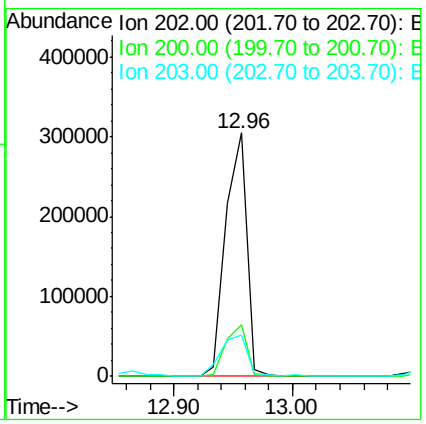




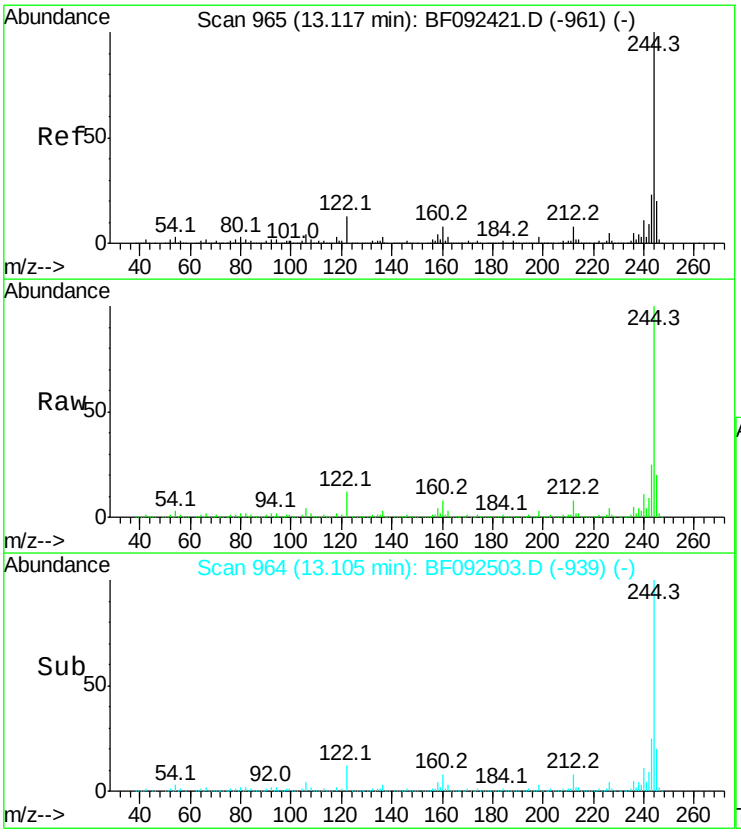
#77
Pyrene
Concen: 10.57 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion:202 Resp: 372769

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.0	14.7	22.1



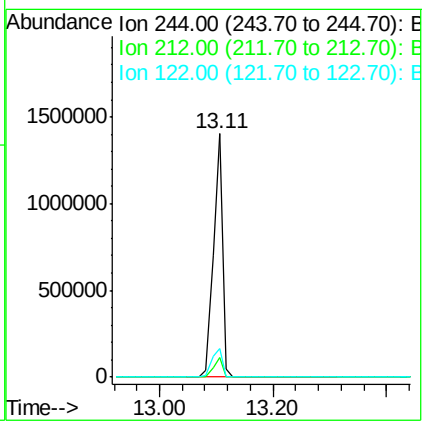
Instrument :
BNA_F
ClientSampleId :
P15-11817

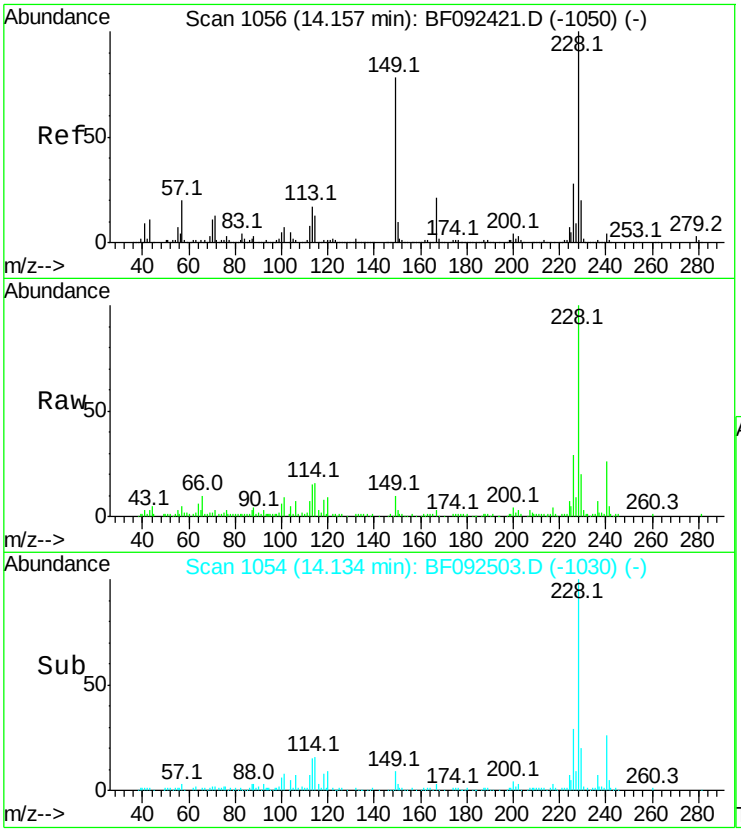


#78
Terphenyl-d14
Concen: 83.07 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion:244 Resp: 1518724

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	11.7	11.4	17.2



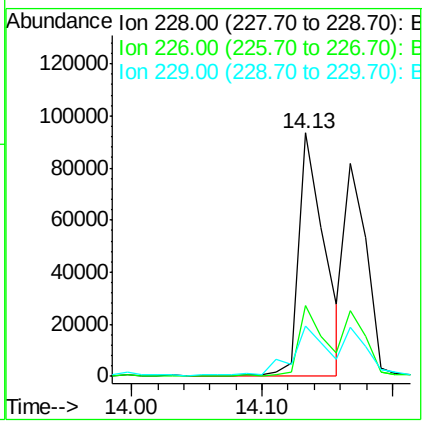


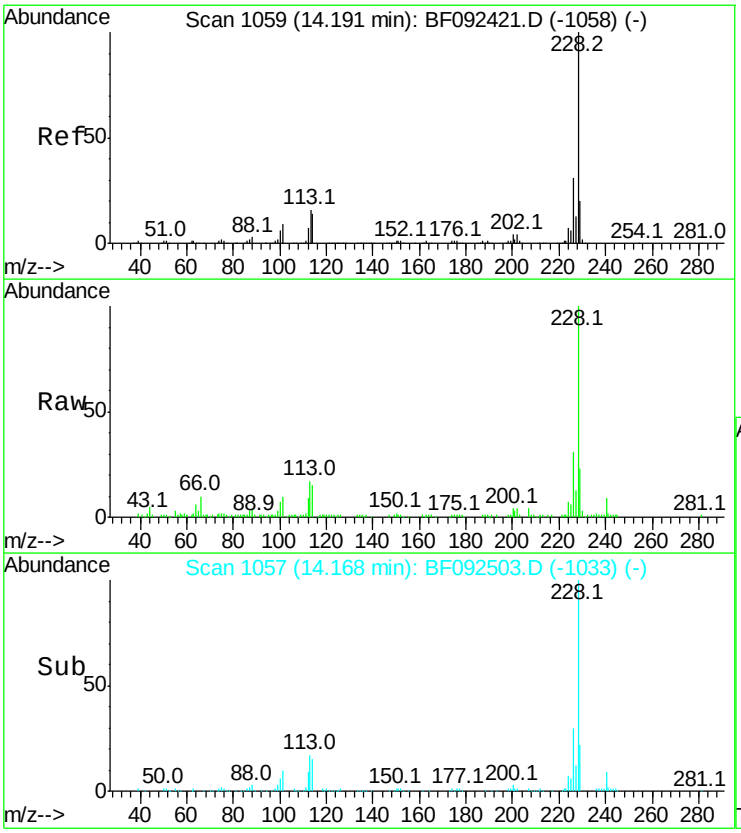
#80
Benzo(a)anthracene
Concen: 4.90 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
P15-11817

Tgt Ion:228 Resp: 128205

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.4	33.6
229	20.5	16.2	24.4

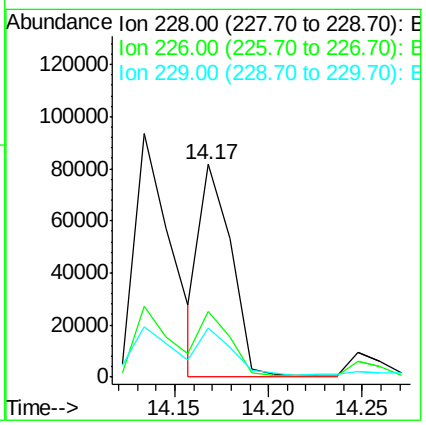


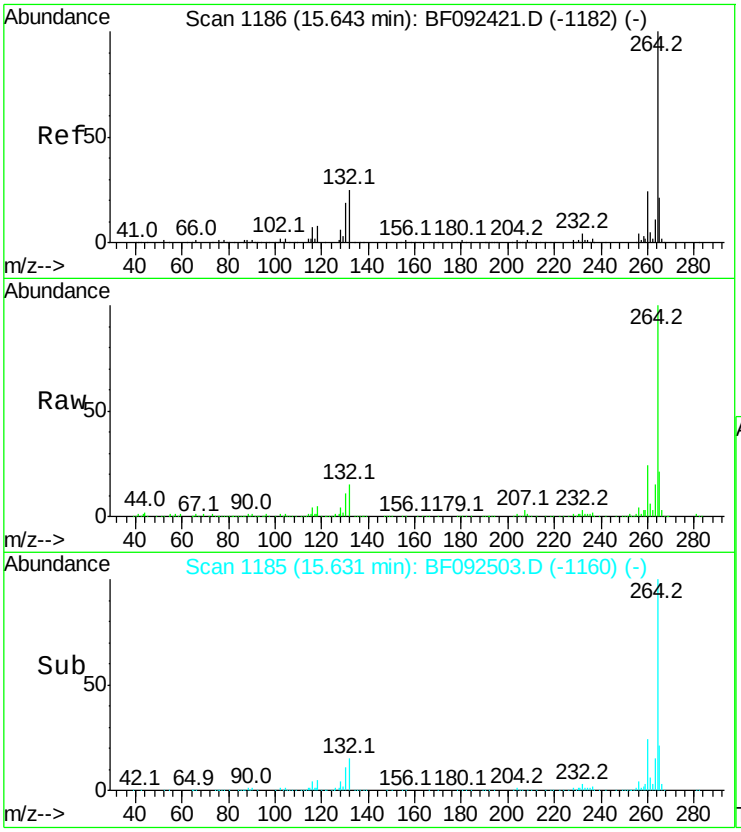


#82
Chrysene
Concen: 3.47 ng m
RT: 14.17 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion:228 Resp: 96826

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	22.9	16.2	24.2



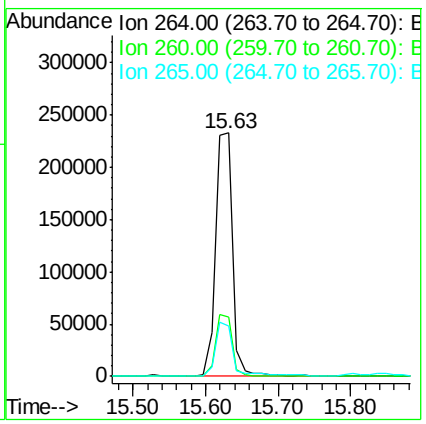


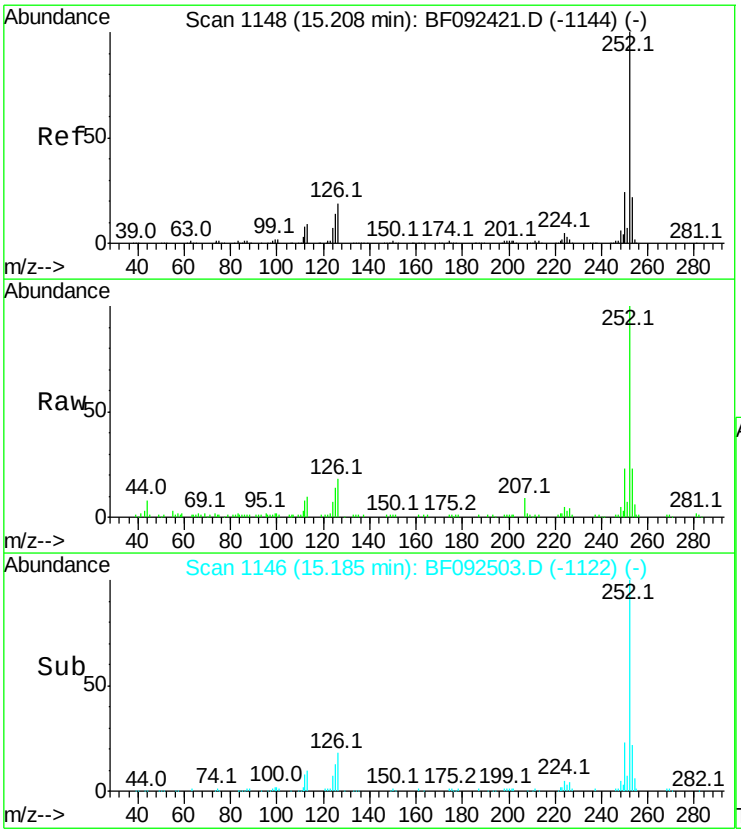
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
P15-11817

Tgt Ion:264 Resp: 378853

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.9	17.4	26.0

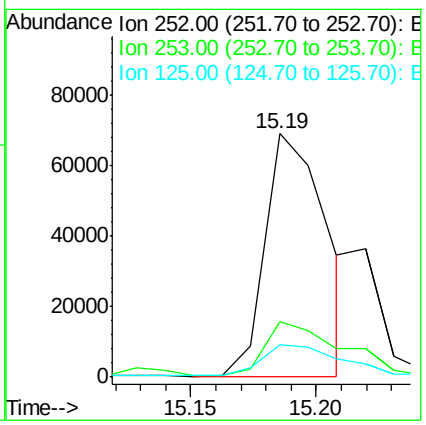


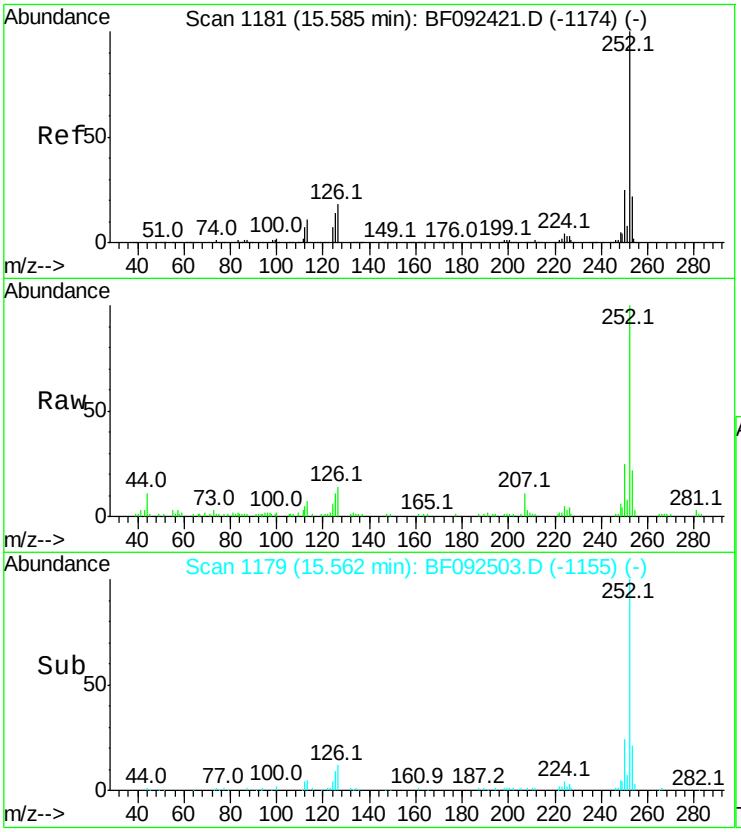


#87
Benzo(b)fluoranthene
Concen: 4.89 ng m
RT: 15.19 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion:252 Resp: 118918

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	13.5	9.8	14.6



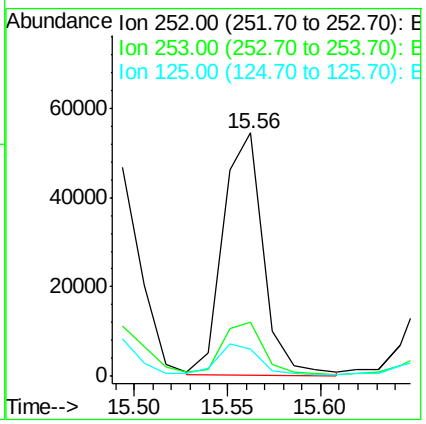


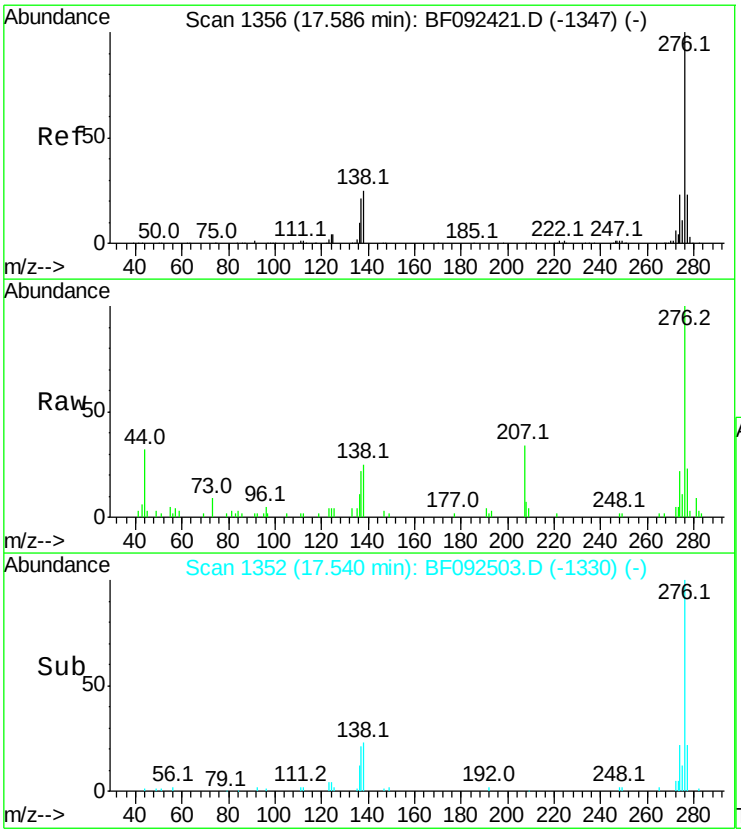
#89
Benzo(a)pyrene
Concen: 3.98 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
P15-11817

Tgt Ion:252 Resp: 81832

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	11.0	10.0	15.0





#91
Benzo(g,h,i)perylene
Concen: 2.57 ng
RT: 17.54 min Scan# 1352
Delta R.T. -0.05 min
Lab File: BF092503.D
Acq: 26 Jan 2017 3:27

Tgt Ion:276 Resp: 43200

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	25.2	16.0	24.0#