Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101816\
Data File : BF090626.D
Acq On : 18 Oct 2016 11:42
Operator : UM/SJ
Sample : H5227-01 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Time: Oct 19 01:04:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	210819	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	871348	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	409596	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	573150	20.00	ng		-0.02
75) Chrysene-d12	14.08	240	434547	20.00	ng		-0.01
86) Perylene-d12	15.54	264	493974	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	728861	63.38	ng		-0.01
7) Phenol-d6	6.53	99	992597	58.09	ng		-0.01
23) Nitrobenzene-d5	7.46	82	605800	38.62	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	138518	37.93	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	755157	30.38	ng		-0.01
78) Terphenyl-d14	13.01	244	428364	22.95	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	69059	5.89	ng	#	80
49) Dimethylphthalate	9.65	163	218838	8.23	ng		99
55) 4-Nitrophenol	10.14	139	12146	2.77	ng	#	9
70) Phenanthrene	11.46	178	246249	8.05	ng		97
71) Anthracene	11.50	178	101762	3.09	ng		99
74) Fluoranthene	12.65	202	296048	9.62	ng		98
77) Pyrene	12.88	202	298697	10.38	ng		99
80) Benzo(a)anthracene	14.06	228	184683	7.47	ng		93
82) Chrysene	14.06	228	184683	7.75	ng		96
85) Indeno(1,2,3-cd)pyrene	16.98	276	151075	10.96	ng		96
87) Benzo(b)fluoranthene	15.10	252	365346	11.30	ng		96
88) Benzo(k)fluoranthene	15.10	252	365346	10.50	ng	#	94
89) Benzo(a)pyrene	15.47	252	218239	7.37	ng		98
91) Benzo(g,h,i)perylene	17.41	276	143041	6.65	ng		99

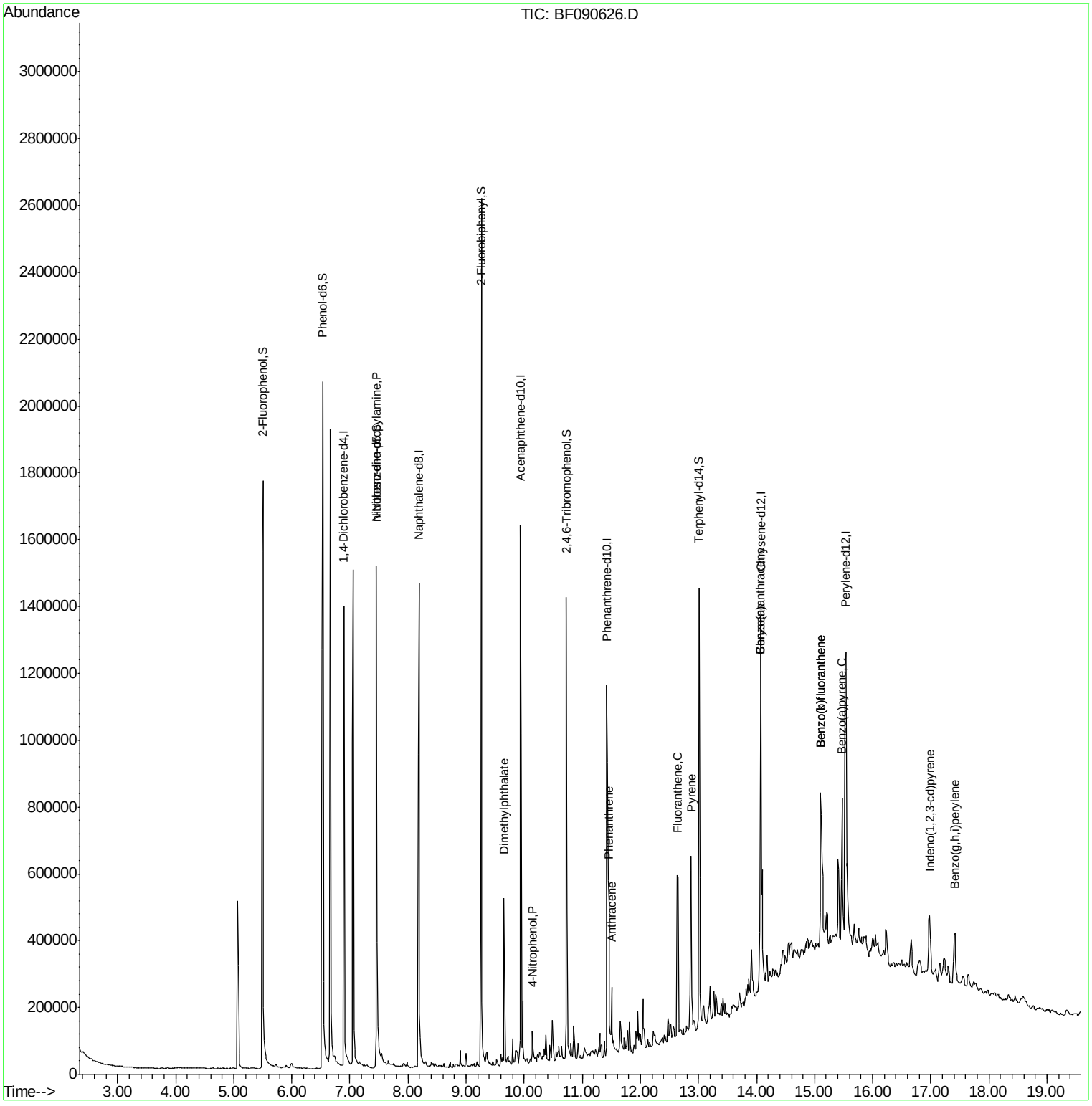
(#) = qualifier out of range (m) = manual integration (+) = signals summed

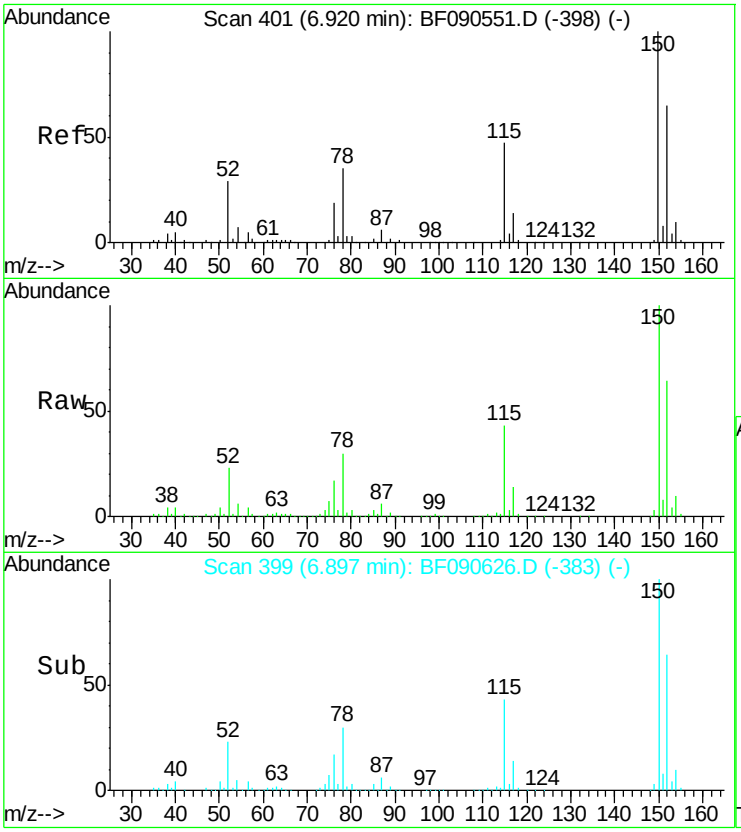
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101816\
Data File : BF090626.D
Acq On : 18 Oct 2016 11:42
Operator : UM/SJ
Sample : H5227-01 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1

Quant Time: Oct 19 01:04:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration



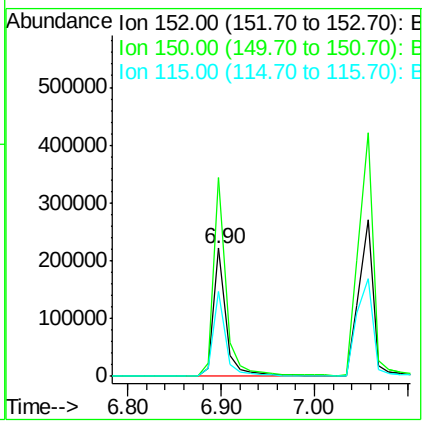


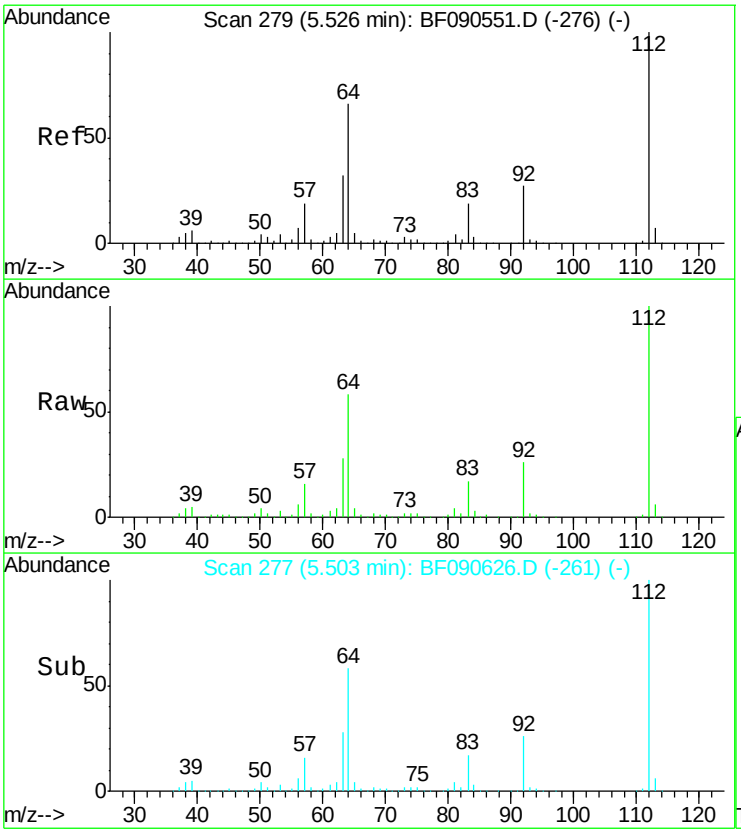
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:152 Resp: 210819

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.2	190.8
115	66.8	58.6	88.0

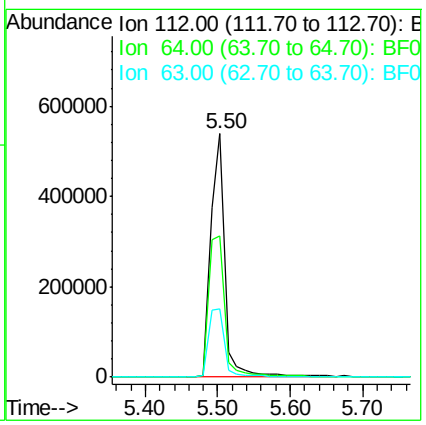


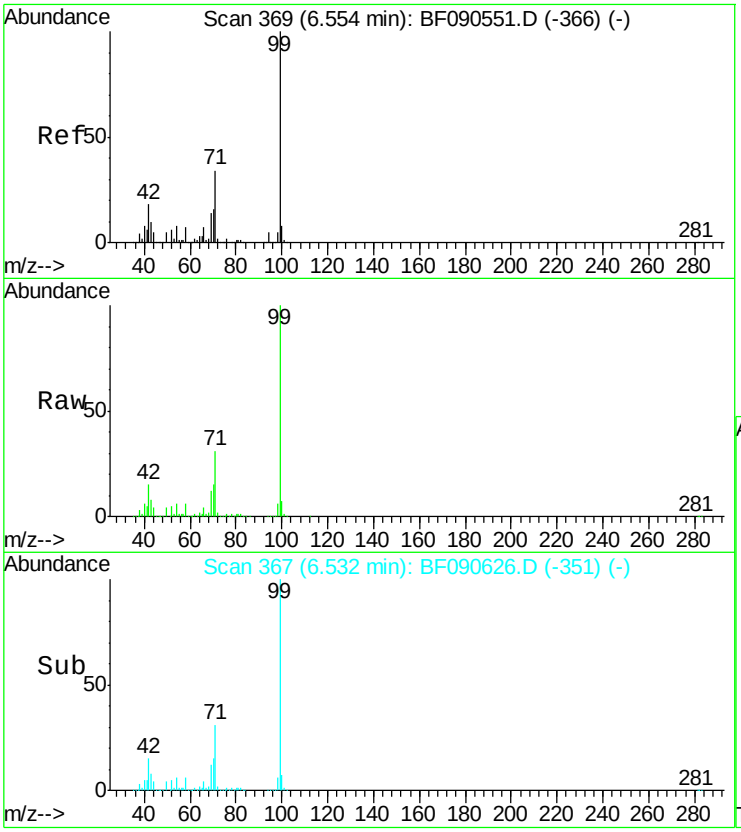


#5
2-Fluorophenol
Concen: 63.38 ng
RT: 5.50 min Scan# 277
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion:112 Resp: 728861

Ion	Ratio	Lower	Upper
112	100		
64	58.0	52.6	78.8
63	28.3	26.0	39.0



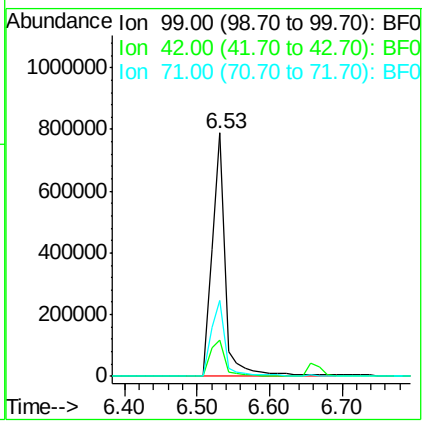


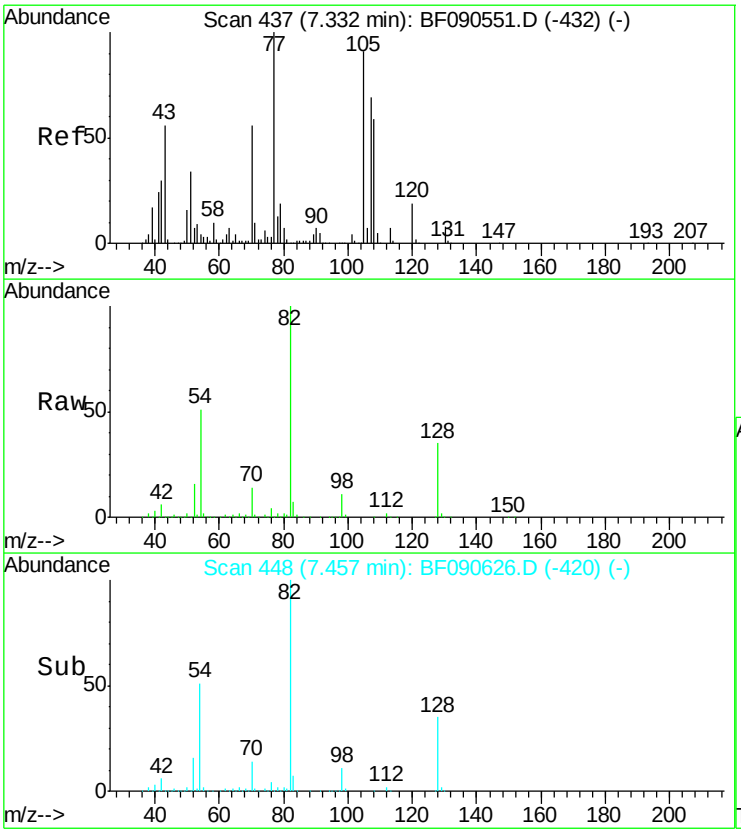
#7
Phenol-d6
Concen: 58.09 ng
RT: 6.53 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion: 99 Resp: 992597

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.7	22.1
71	31.2	27.6	41.4

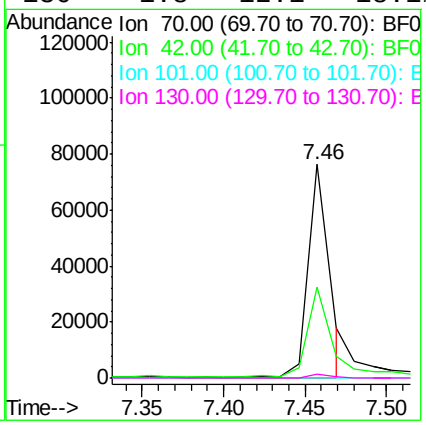


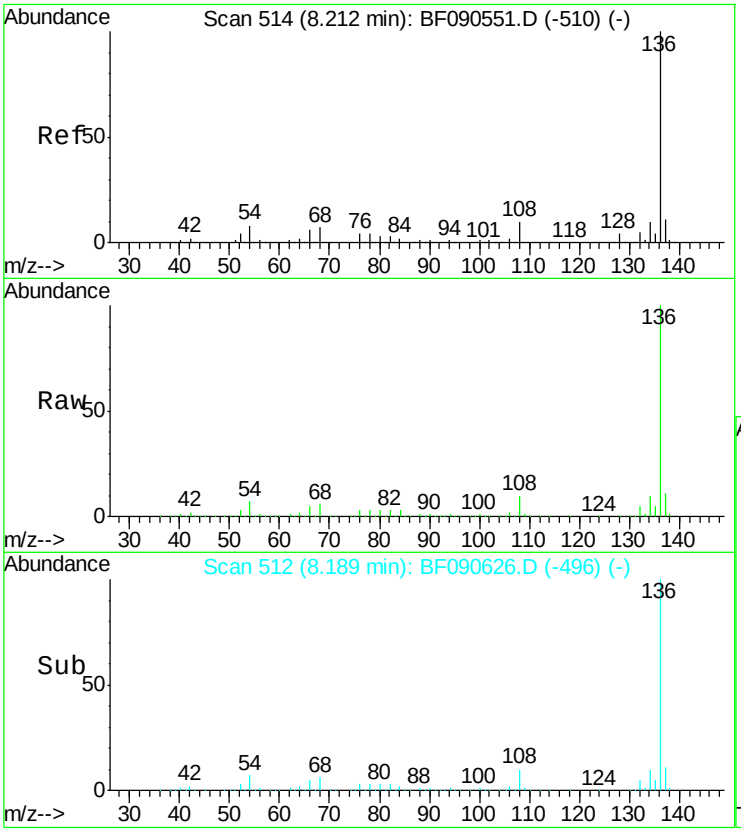


#19
n-Nitroso-di-n-propylamine
Concen: 5.89 ng
RT: 7.46 min Scan# 448
Delta R.T. 0.13 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion: 70 Resp: 69059

Ion	Ratio	Lower	Upper
70	100		
42	42.8	43.4	65.0#
101	0.0	6.4	9.6#
130	1.8	12.1	18.1#



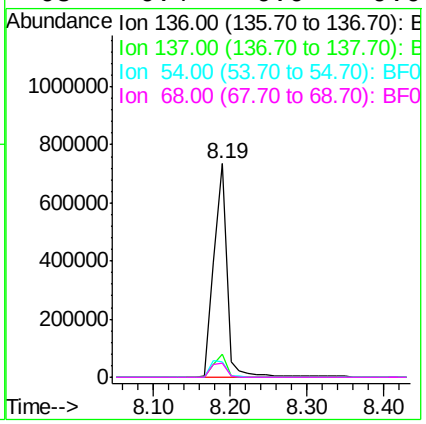


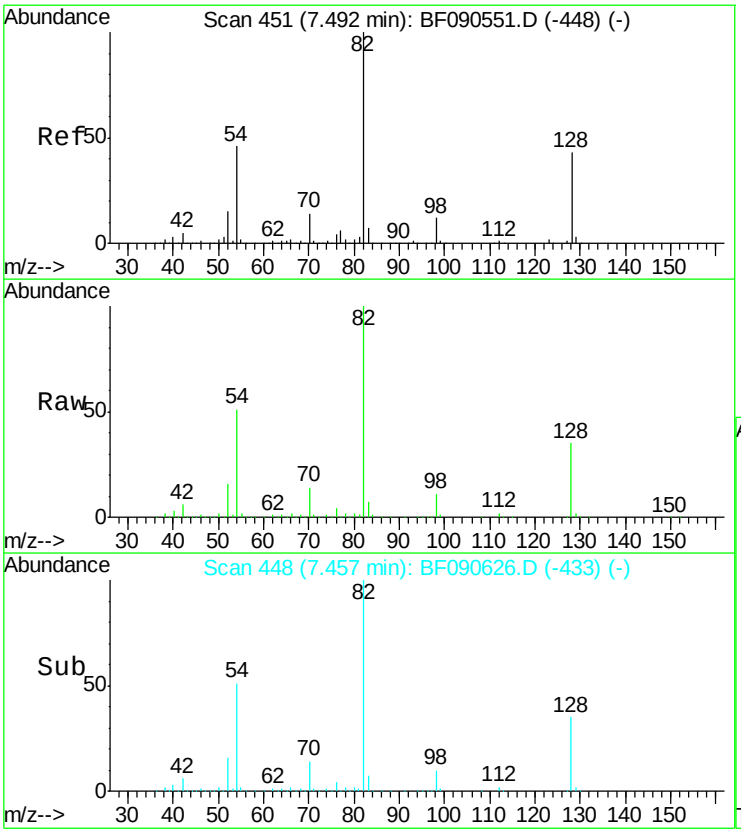
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:136 Resp: 871348

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.2	6.8	10.2
68	6.4	6.0	9.0

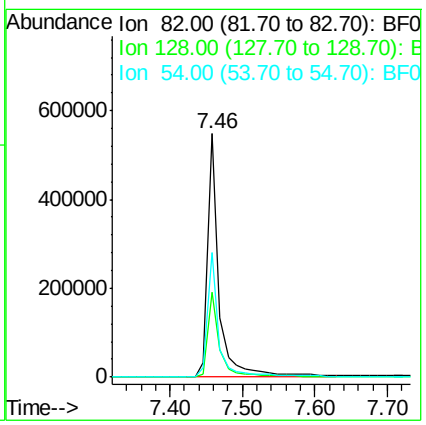


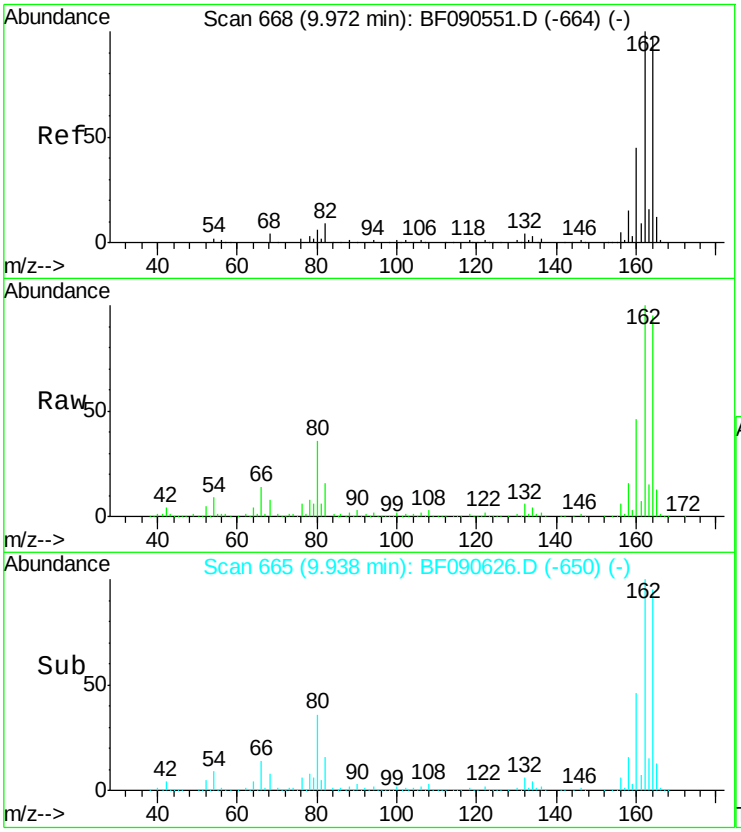


#23
Nitrobenzene-d5
Concen: 38.62 ng
RT: 7.46 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion: 82 Resp: 605800

Ion	Ratio	Lower	Upper
82	100		
128	34.7	34.3	51.5
54	51.3	37.0	55.6



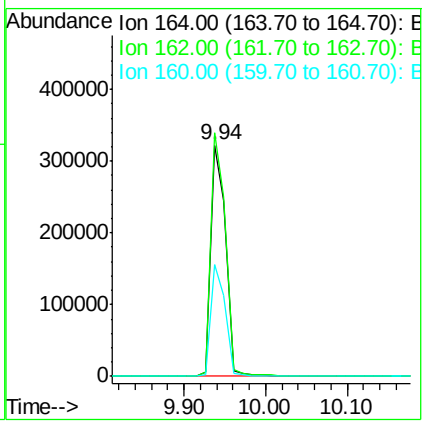


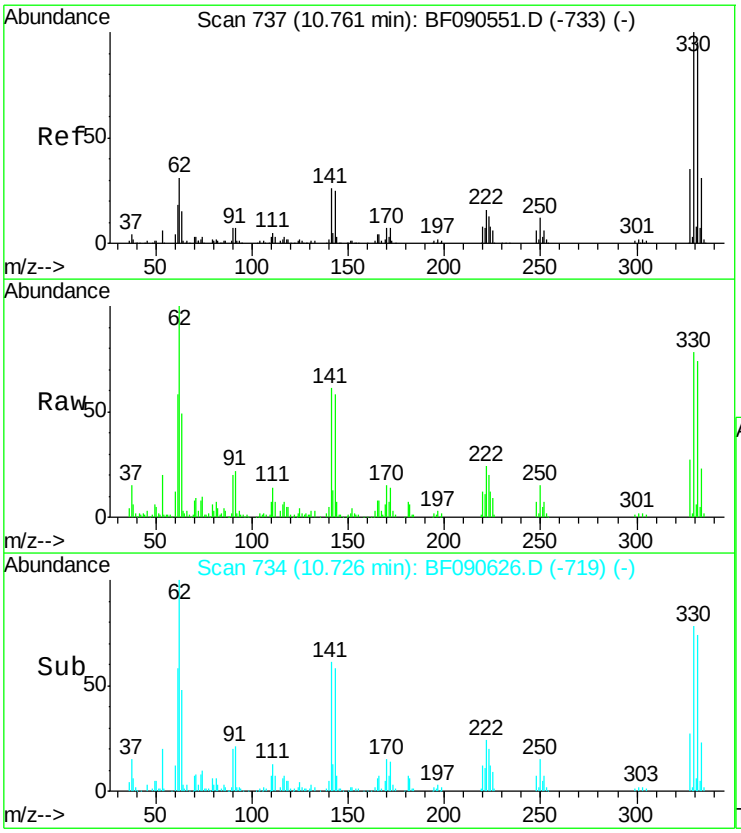
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:164 Resp: 409596

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.2	123.4
160	48.4	36.6	55.0

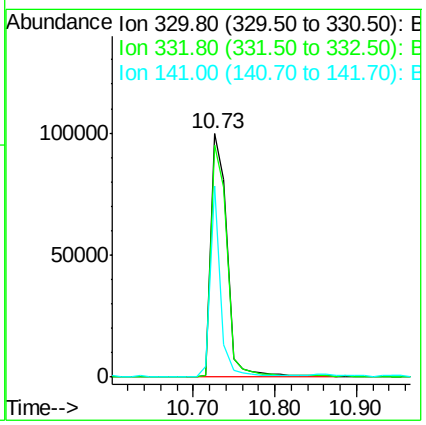


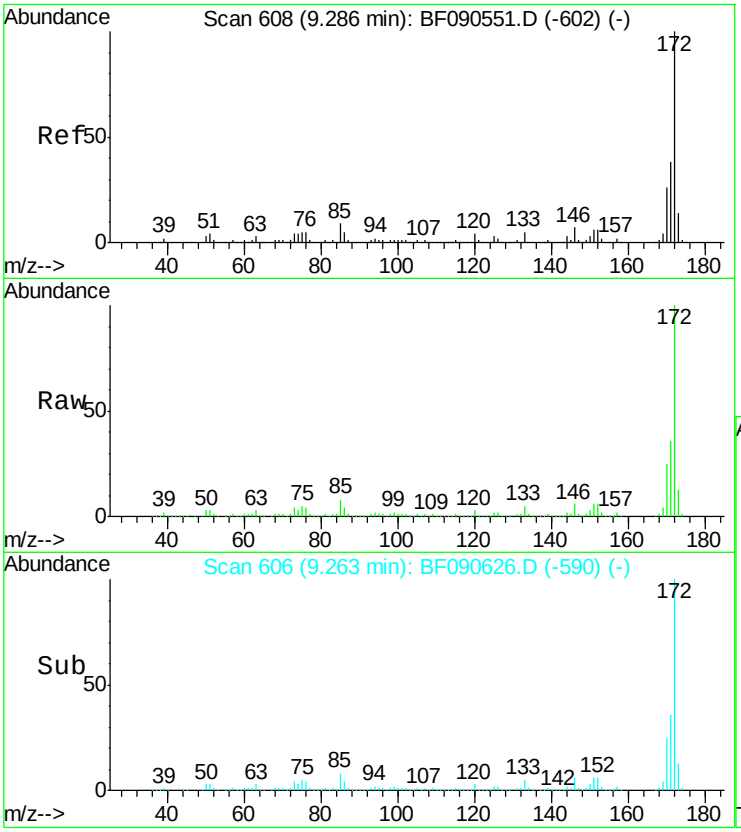


#41
2,4,6-Tribromophenol
Concen: 37.93 ng
RT: 10.73 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion:330 Resp: 138518

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.2
141	52.8	31.4	47.2#



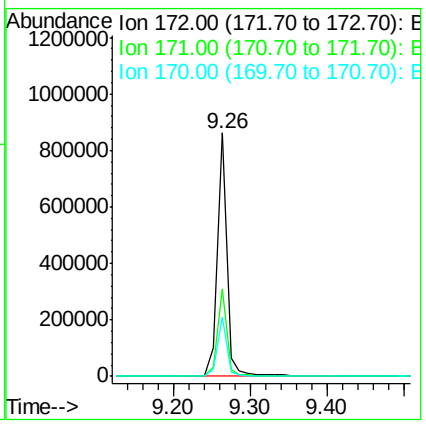


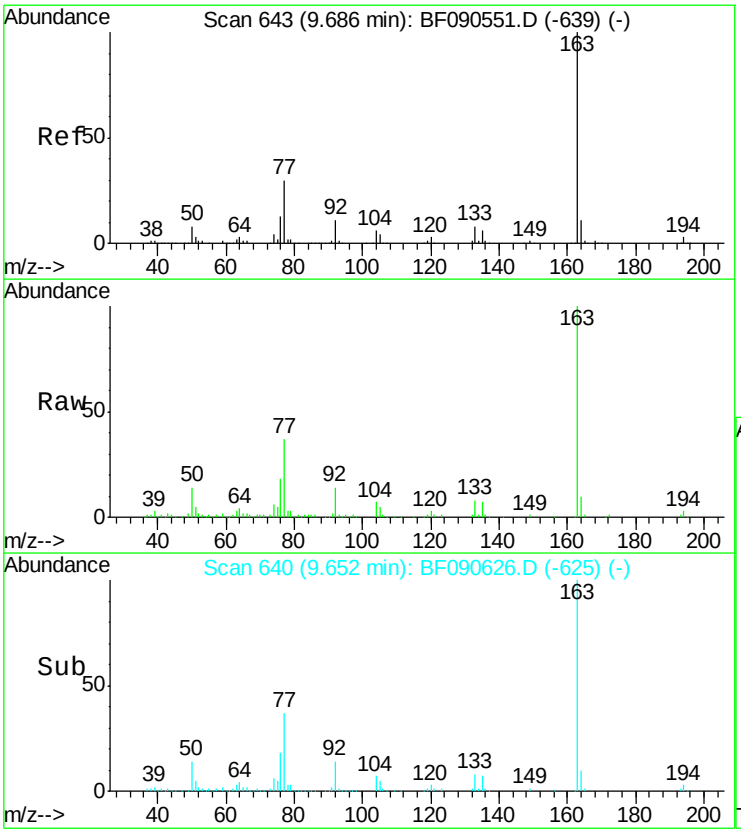
#44
2-Fluorobiphenyl
Concen: 30.38 ng
RT: 9.26 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:172 Resp: 755157

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.1	45.1
170	24.6	20.6	30.8

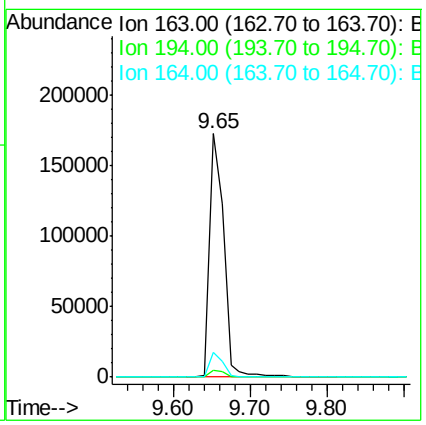


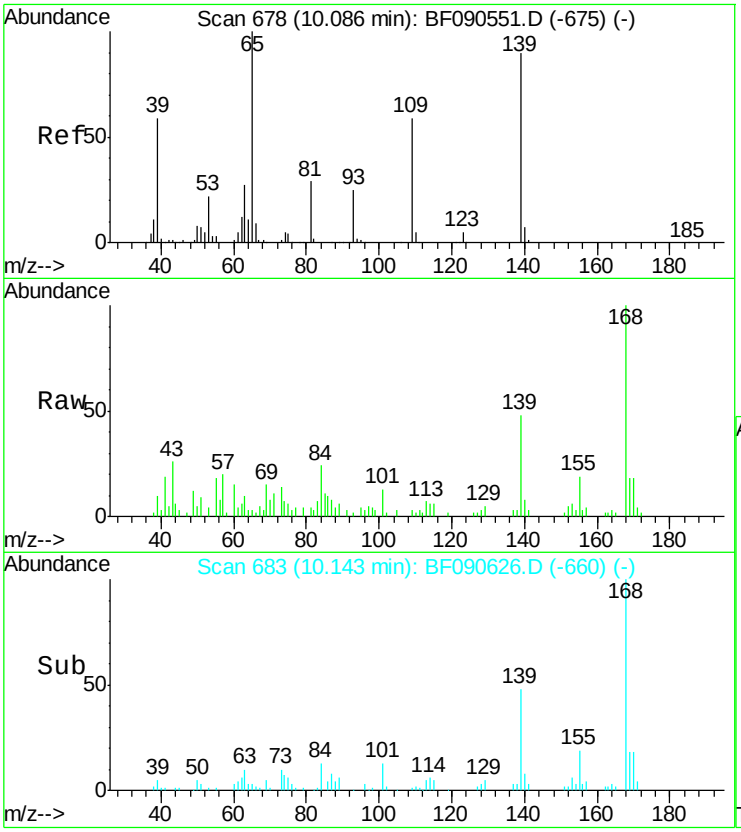


#49
Dimethylphthalate
Concen: 8.23 ng
RT: 9.65 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion:163 Resp: 218838

Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.3	3.5
164	10.3	8.6	13.0



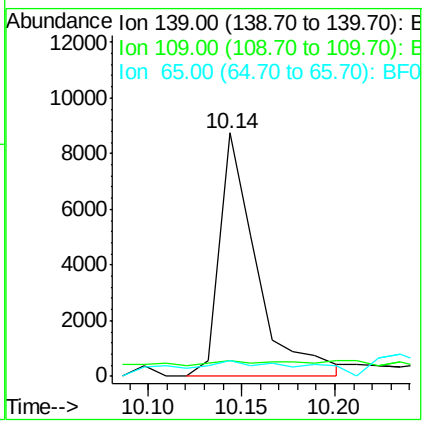


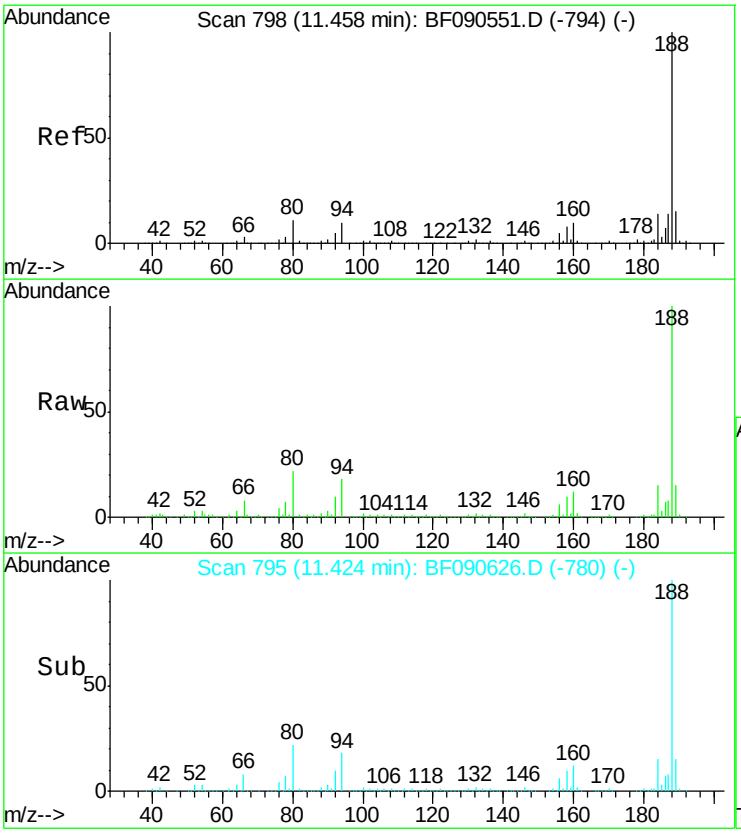
#55
4-Nitrophenol
Concen: 2.77 ng
RT: 10.14 min Scan# 683
Delta R.T. 0.07 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:139 Resp: 12146

Ion	Ratio	Lower	Upper
139	100		
109	6.4	45.9	85.9#
65	6.3	95.8	135.8#

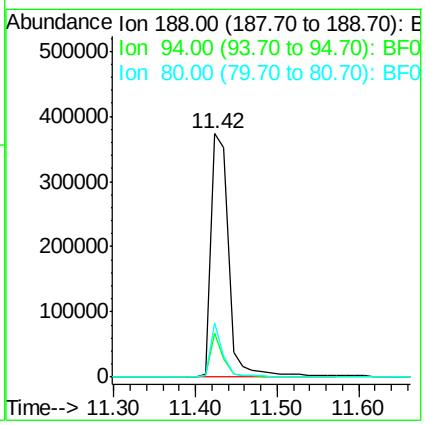


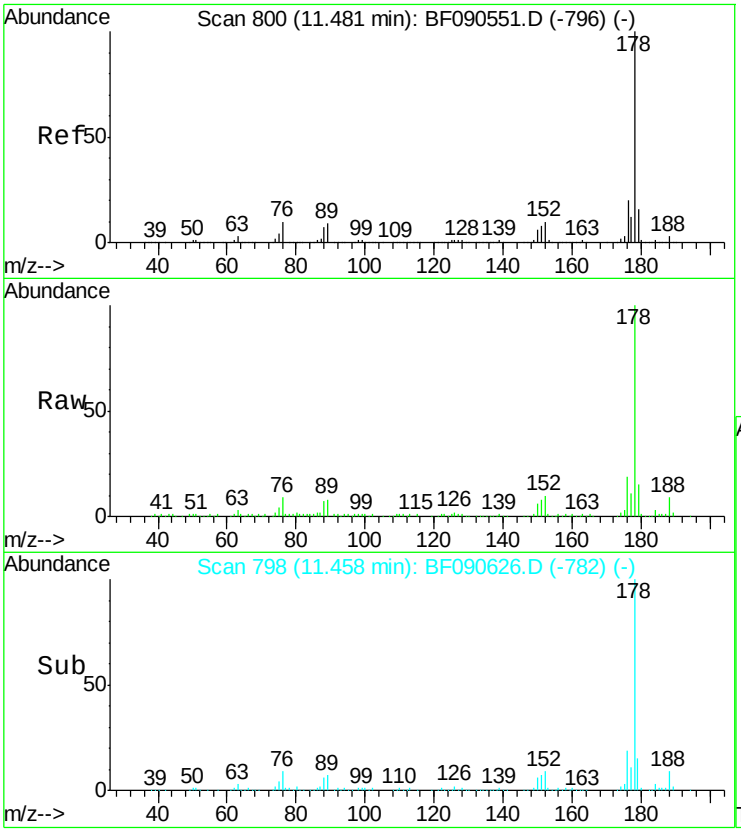


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion:188 Resp: 573150

Ion	Ratio	Lower	Upper
188	100		
94	18.2	7.7	11.5#
80	22.0	8.6	12.8#



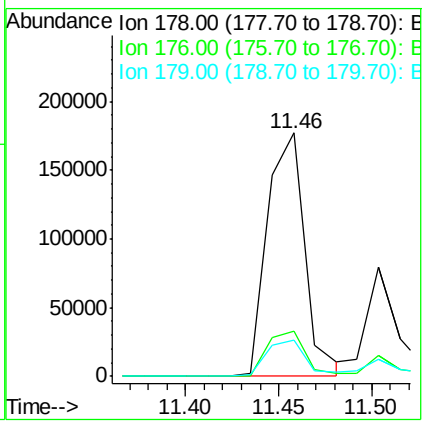


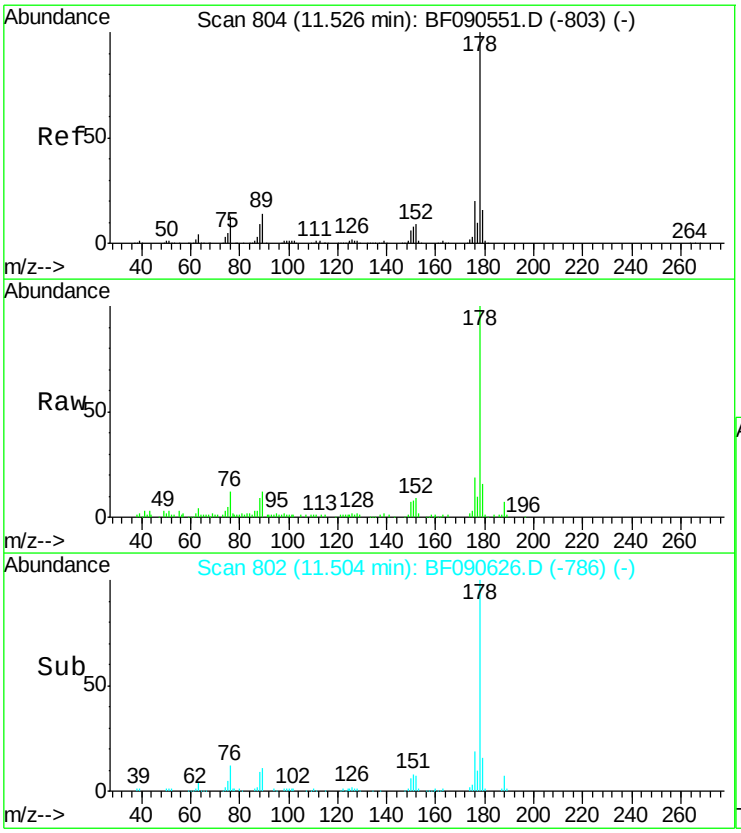
#70
Phenanthrene
Concen: 8.05 ng
RT: 11.46 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:178 Resp: 246249

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.1	24.1
179	15.1	12.6	19.0

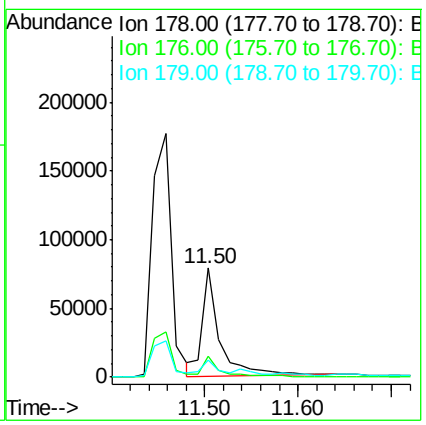


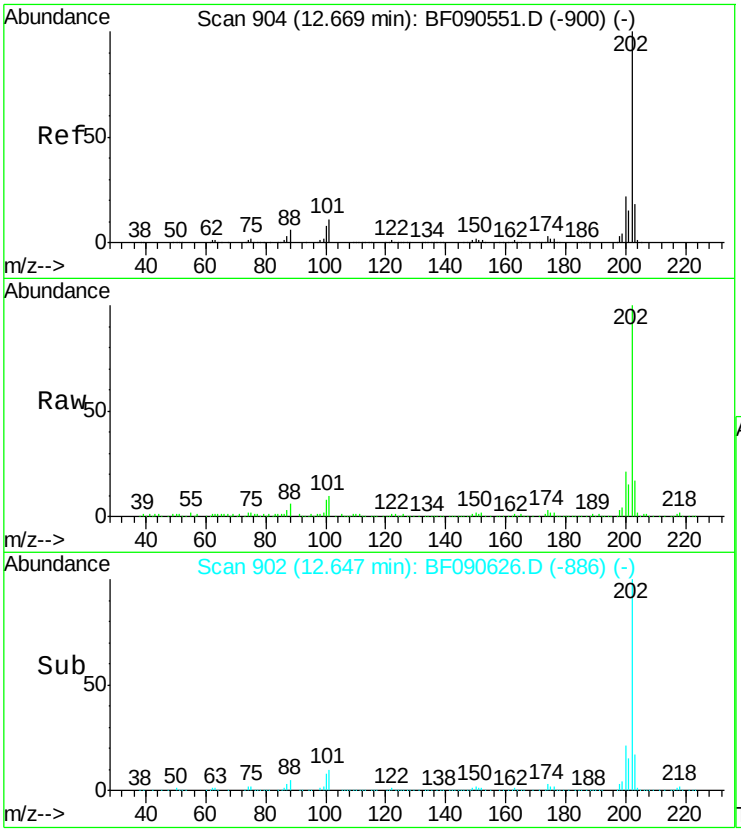


#71
Anthracene
Concen: 3.09 ng
RT: 11.50 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion:178 Resp: 101762

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.7	13.0	19.4



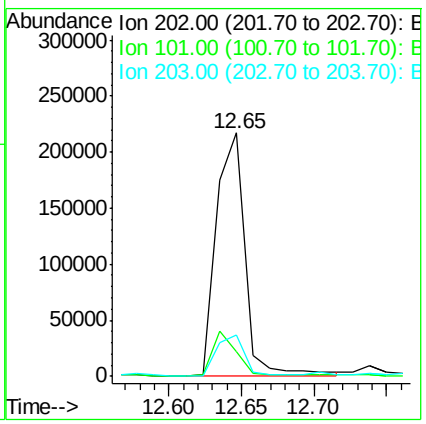


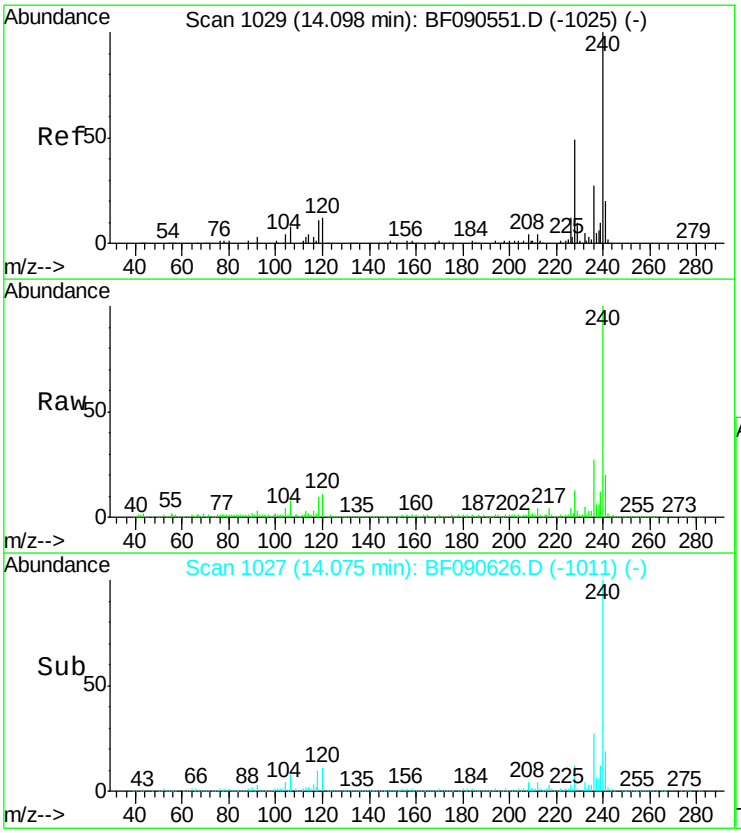
#74
Fluoranthene
Concen: 9.62 ng
RT: 12.65 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:202 Resp: 296048

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.0	0.0	38.0

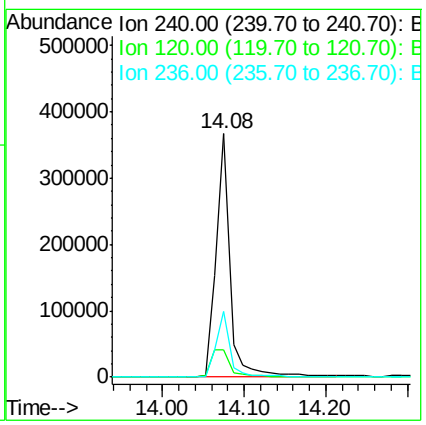


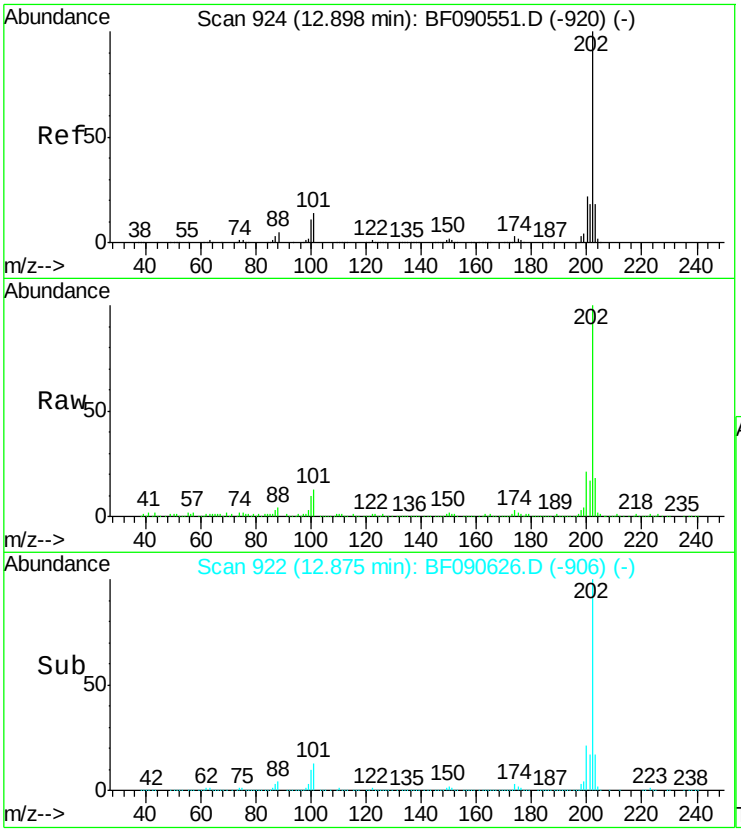


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion:240 Resp: 434547

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.8	14.8
236	26.8	21.7	32.5



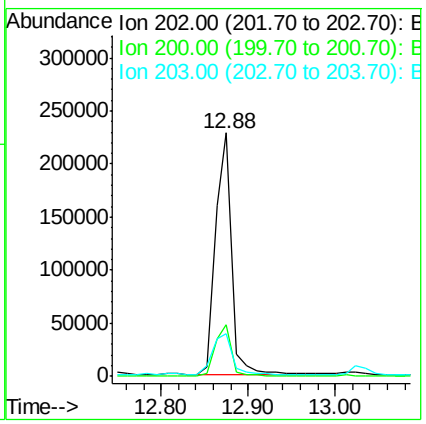


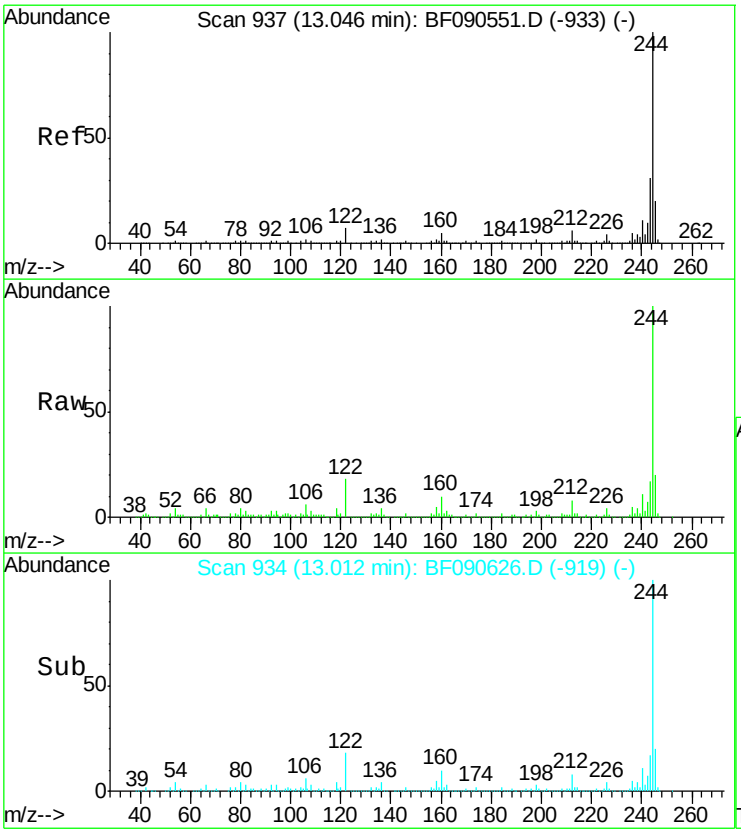
#77
Pyrene
Concen: 10.38 ng
RT: 12.88 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:202 Resp: 298697

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	17.7	14.6	21.8

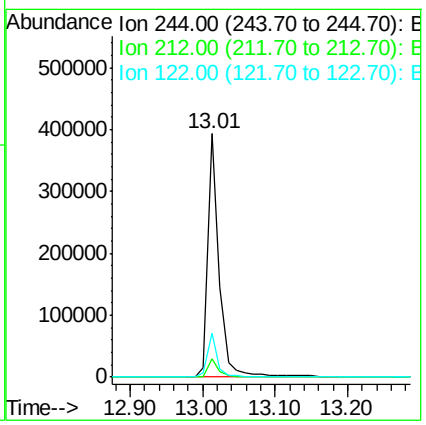


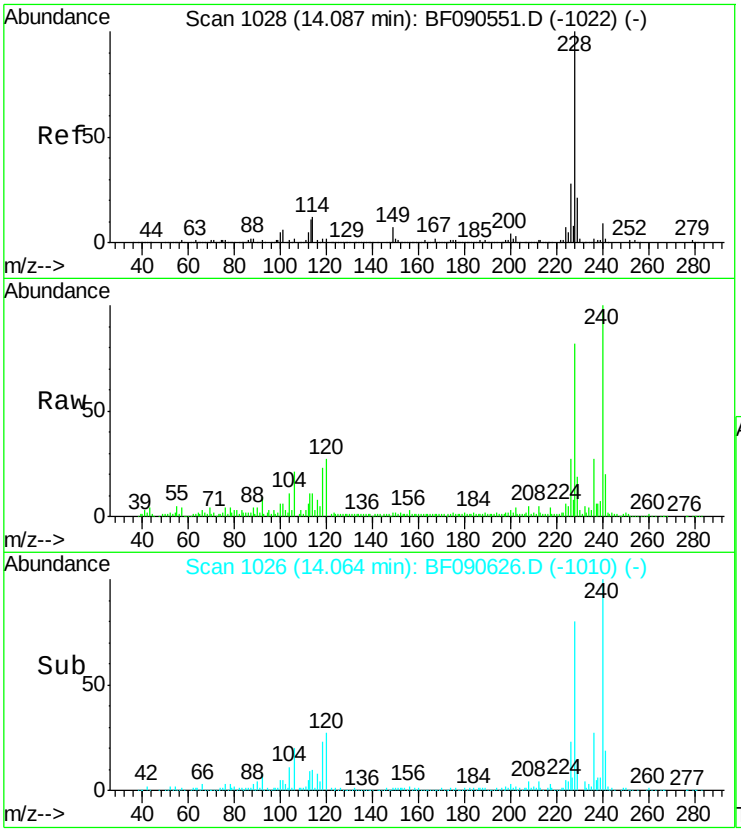


#78
Terphenyl-d14
Concen: 22.95 ng
RT: 13.01 min Scan# 934
Delta R.T. -0.02 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion:244 Resp: 428364

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.0	7.4#
122	18.2	5.6	8.4#



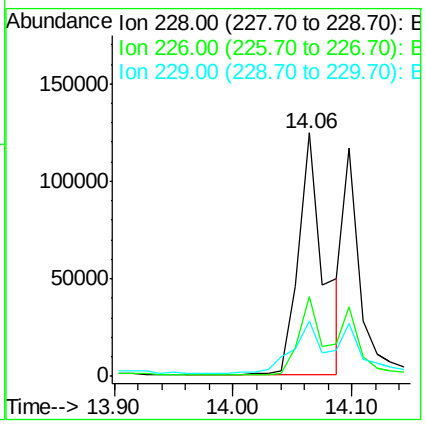


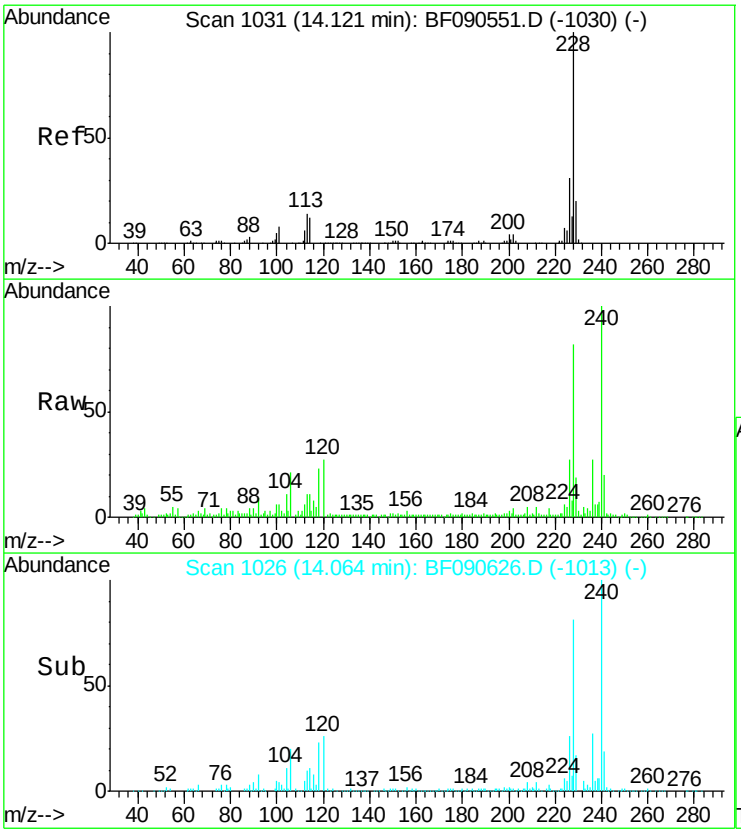
#80
Benzo(a)anthracene
Concen: 7.47 ng
RT: 14.06 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:228 Resp: 184683

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.8	34.2
229	22.7	16.6	25.0

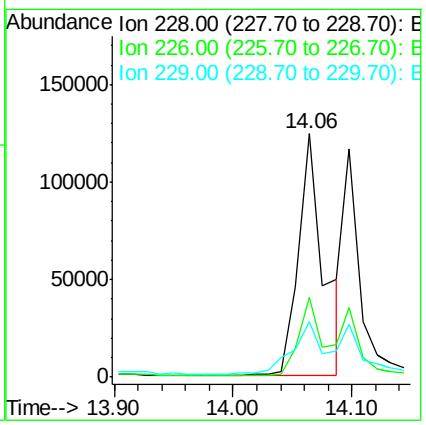


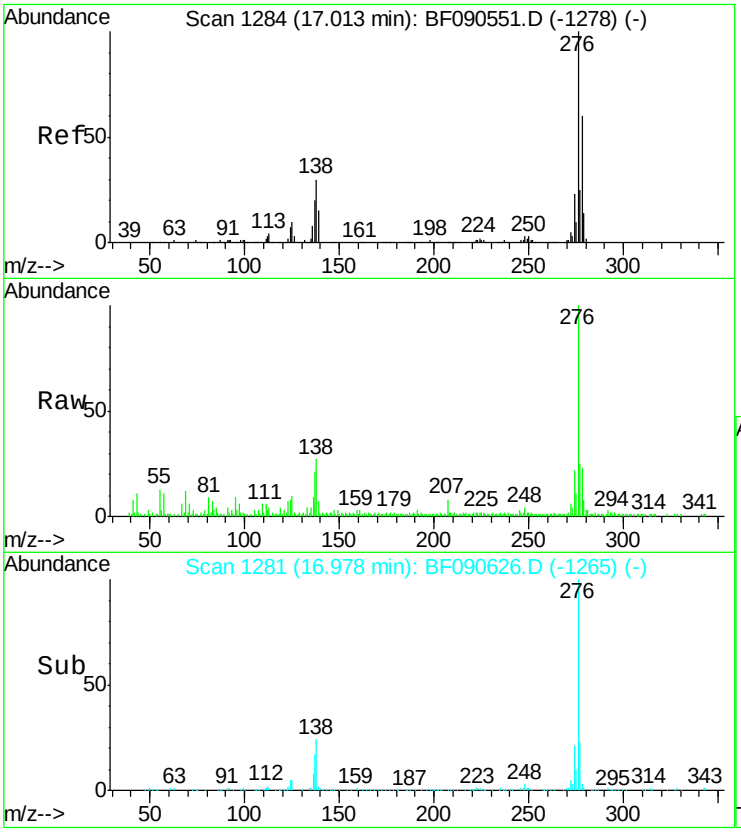


#82
Chrysene
Concen: 7.75 ng
RT: 14.06 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion:228 Resp: 184683

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.8	37.2
229	22.7	16.2	24.4



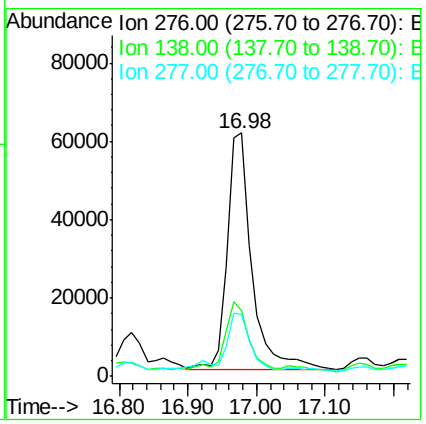


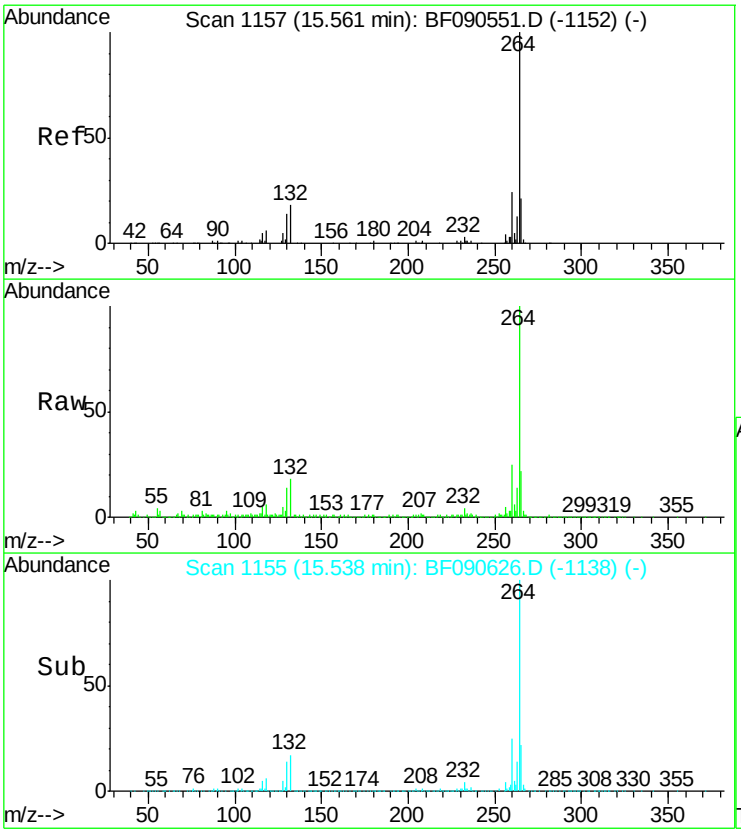
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.96 ng
RT: 16.98 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:276 Resp: 151075

Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.8	38.6
277	25.1	20.1	30.1

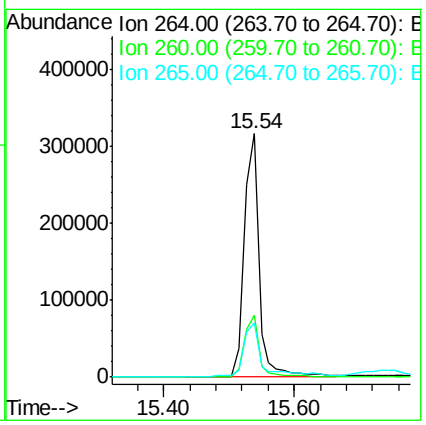


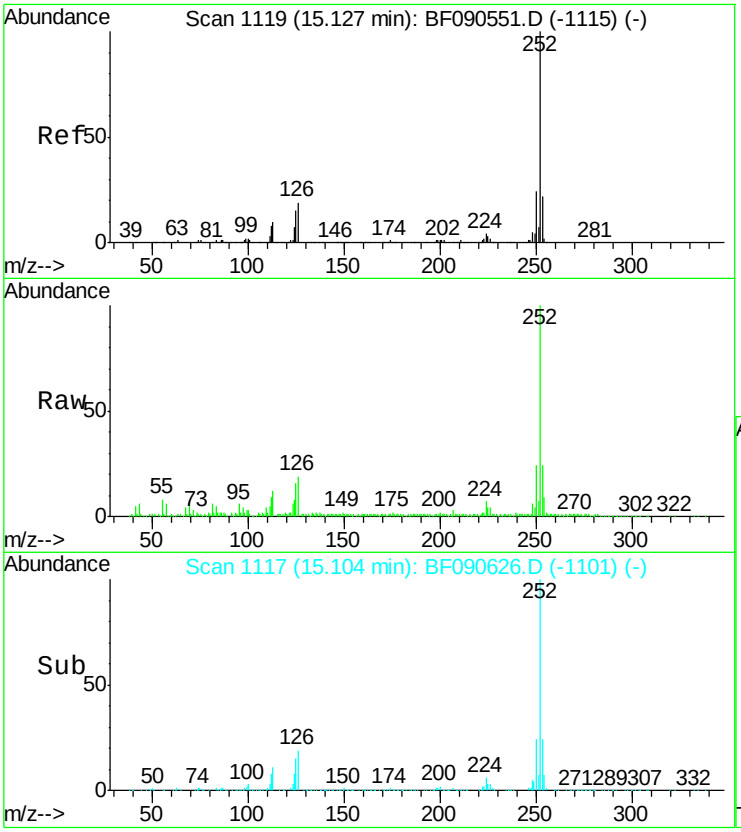


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion:264 Resp: 493974

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.3	28.9
265	22.2	16.7	25.1



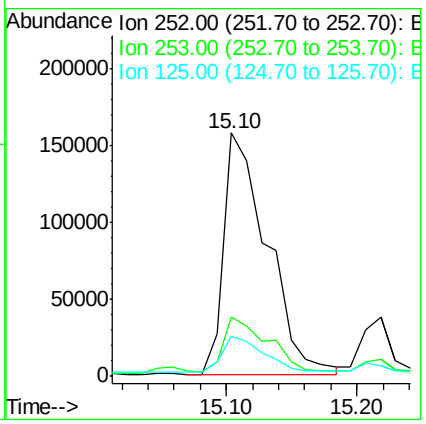


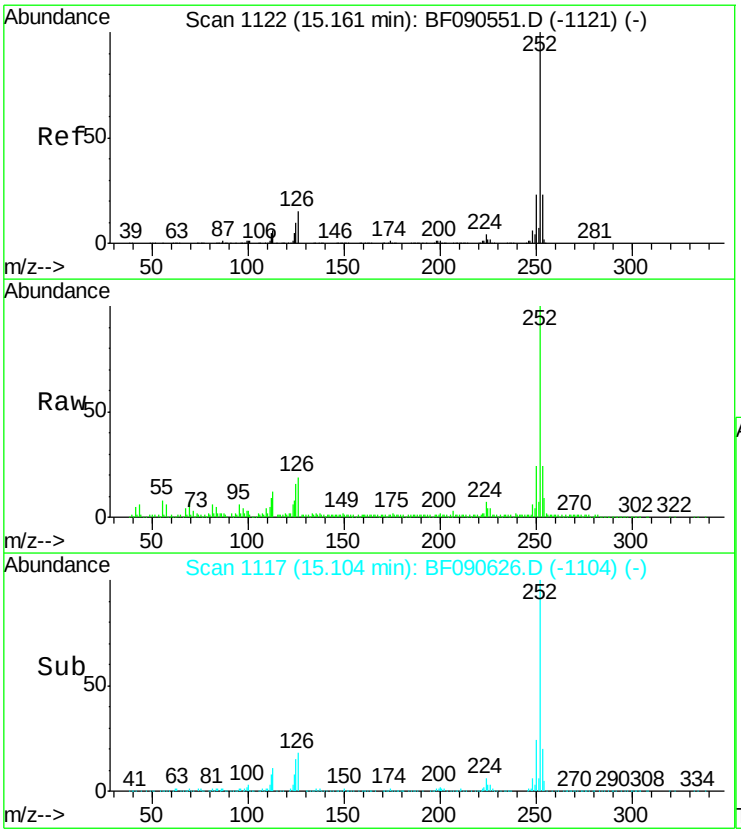
#87
Benzo(b)fluoranthene
Concen: 11.30 ng
RT: 15.10 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:252 Resp: 365346

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	16.4	12.0	18.0

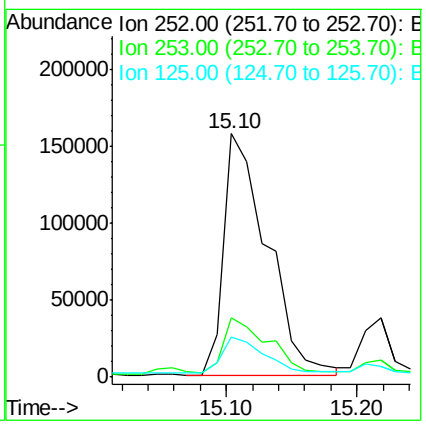


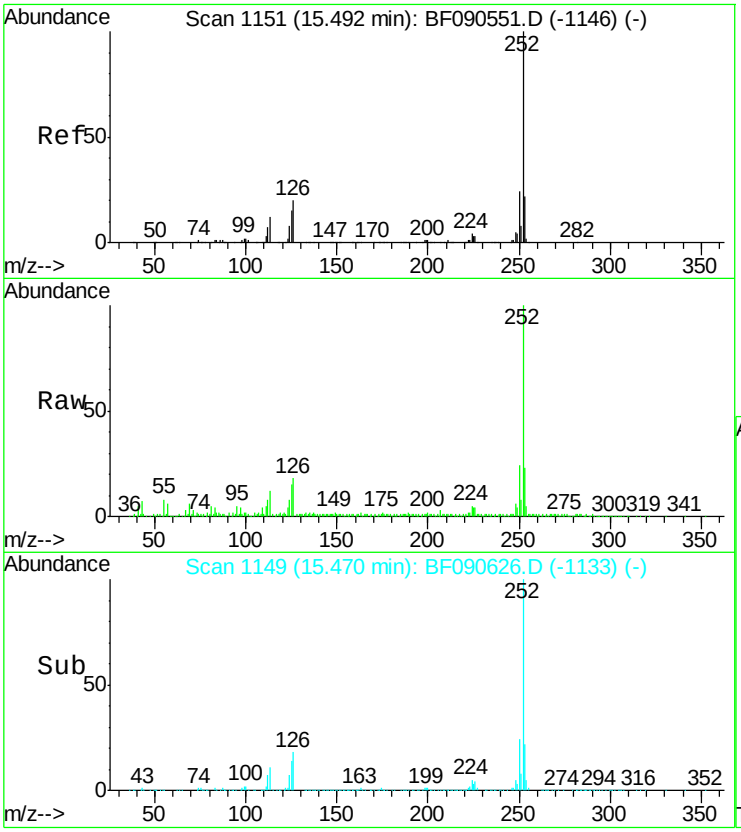


#88
Benzo(k)fluoranthene
Concen: 10.50 ng
RT: 15.10 min Scan# 1117
Delta R.T. -0.05 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion:252 Resp: 365346

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	16.4	10.0	15.0#



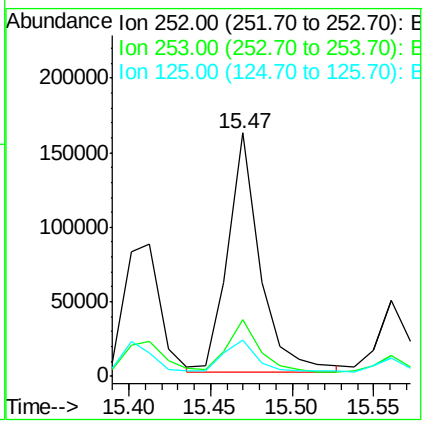


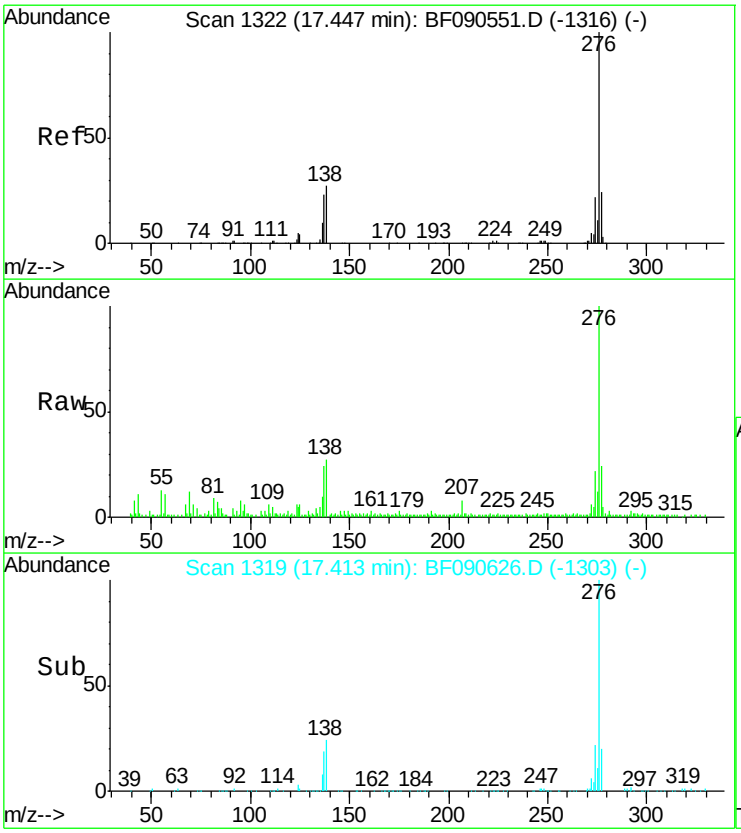
#89
Benzo(a)pyrene
Concen: 7.37 ng
RT: 15.47 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Instrument :
BNA_F
ClientSampleId :
1

Tgt Ion:252 Resp: 218239

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	15.1	12.3	18.5





#91
Benzo(g,h,i)perylene
Concen: 6.65 ng
RT: 17.41 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF090626.D
Acq: 18 Oct 2016 11:42

Tgt Ion:276 Resp: 143041

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	26.9	21.8	32.8