Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
Data File : BF090262.D
Acq On : 27 Sep 2016 20:00
Operator : UM/SJ
Sample : H4949-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-1-LOC-1(0-5)

Quant Time: Sep 28 00:43:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	311896	20.00	ng		0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng		-7.77
38) Acenaphthene-d10	9.50	164	244290	20.00	ng		-0.01
63) Phenanthrene-d10	10.97	188	340495	20.00	ng		-0.01
75) Chrysene-d12	13.58	240	270438	20.00	ng		-0.02
86) Perylene-d12	14.90	264	263824	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	773456	40.42	ng		0.00
7) Phenol-d6	6.14	99	1101994	46.63	ng		0.00
23) Nitrobenzene-d5	7.05	82	626238	0.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.28	330	189072	90.21	ng		-0.01
44) 2-Fluorobiphenyl	8.84	172	1015805	81.63	ng		-0.01
78) Terphenyl-d14	12.55	244	565188	53.06	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.05	70	76431	5.51	ng	#	76
48) Acenaphthylene	9.36	152	54448	2.60	ng		100
49) Dimethylphthalate	9.24	163	440791	28.33	ng		99
70) Phenanthrene	10.99	178	255474	16.04	ng		98
71) Anthracene	11.04	178	83296	4.99	ng		98
74) Fluoranthene	12.16	202	449977	26.33	ng		96
77) Pyrene	12.39	202	438162	23.68	ng		99
80) Benzo(a)anthracene	13.57	228	274821	18.89	ng		94
82) Chrysene	13.57	228	274821	19.39	ng		97
83) Bis(2-ethylhexyl)phthalate	13.60	149	58510	5.05	ng		99
85) Indeno(1,2,3-cd)pyrene	16.05	276	134109	11.70	ng	#	91
87) Benzo(b)fluoranthene	14.56	252	433856	29.70	ng		98
88) Benzo(k)fluoranthene	14.56	252	433856	31.64	ng	#	95
89) Benzo(a)pyrene	14.85	252	222939	16.22	ng	#	90
90) Dibenzo(a,h)anthracene	16.05	278	36329	3.39	ng	#	83
91) Benzo(g,h,i)perylene	16.38	276	123198	11.74	ng		96

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

Quantitation Report (Not Reviewed)

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Data File : BF090262.D
Acq On : 27 Sep 2016 20:00
Operator : UM/SJ
Sample : H4949-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Quant Time: Sep 28 00:43:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
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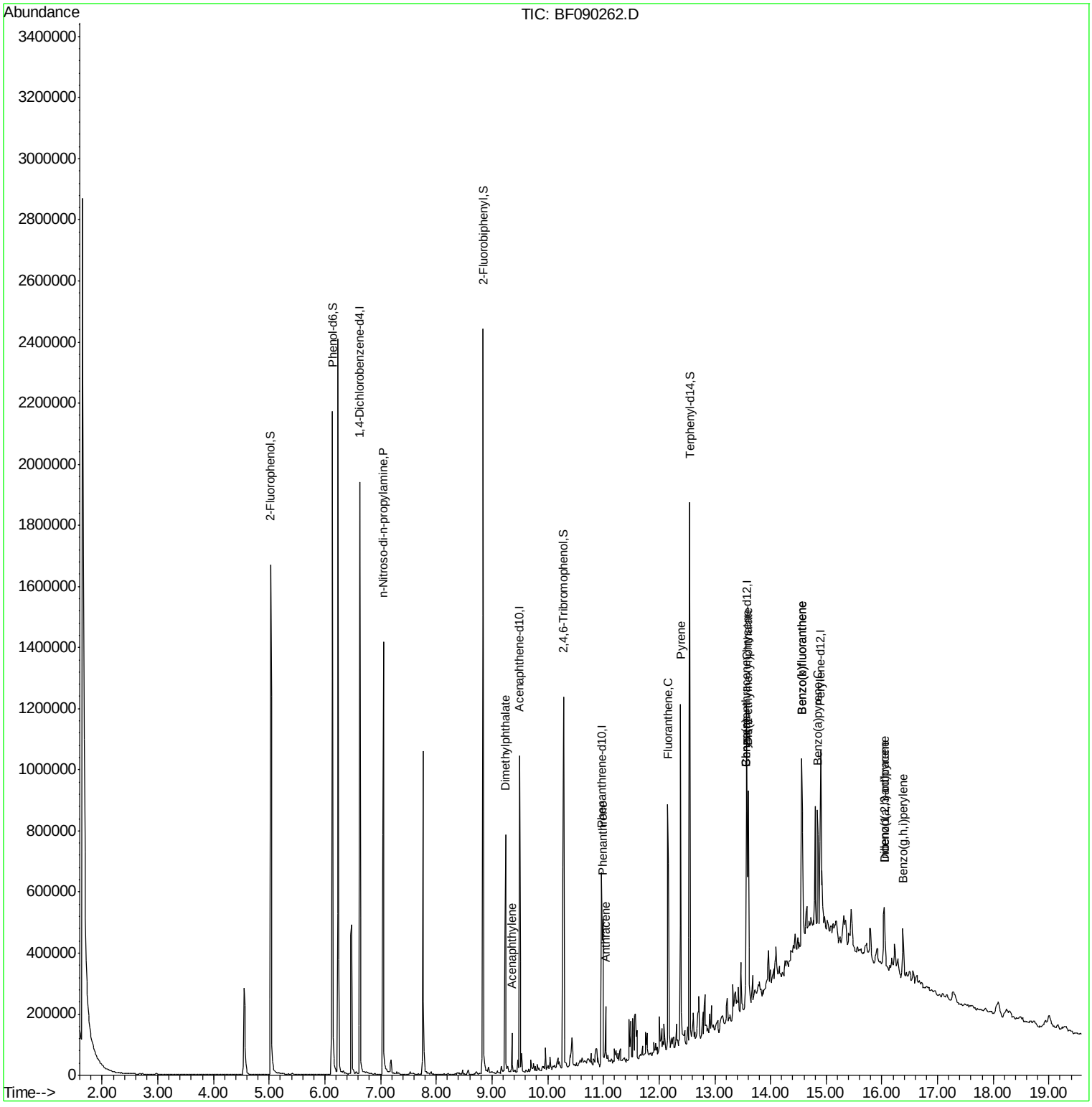
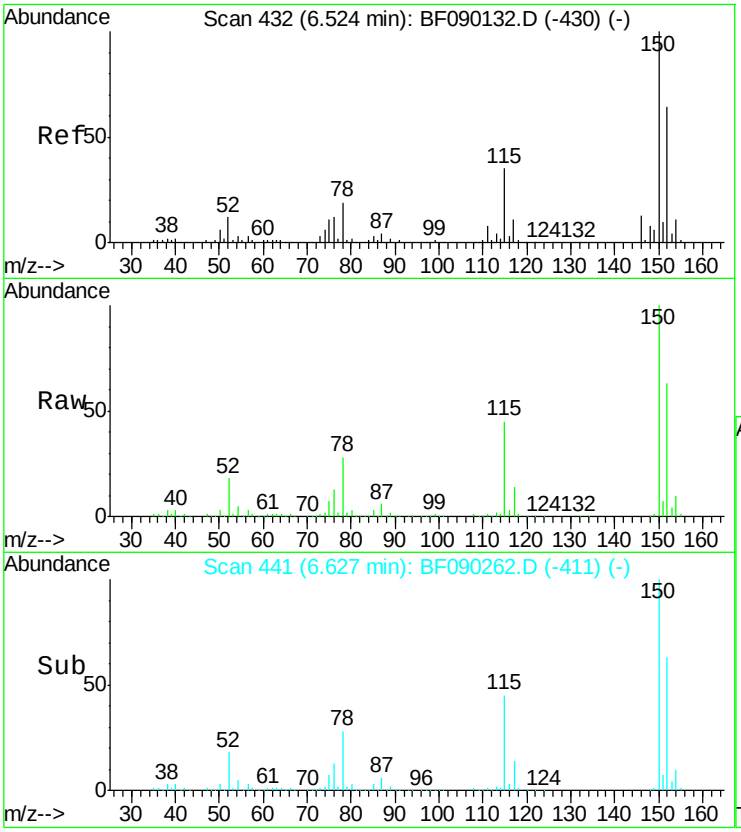


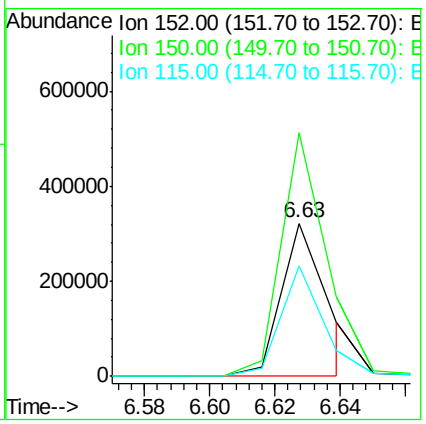


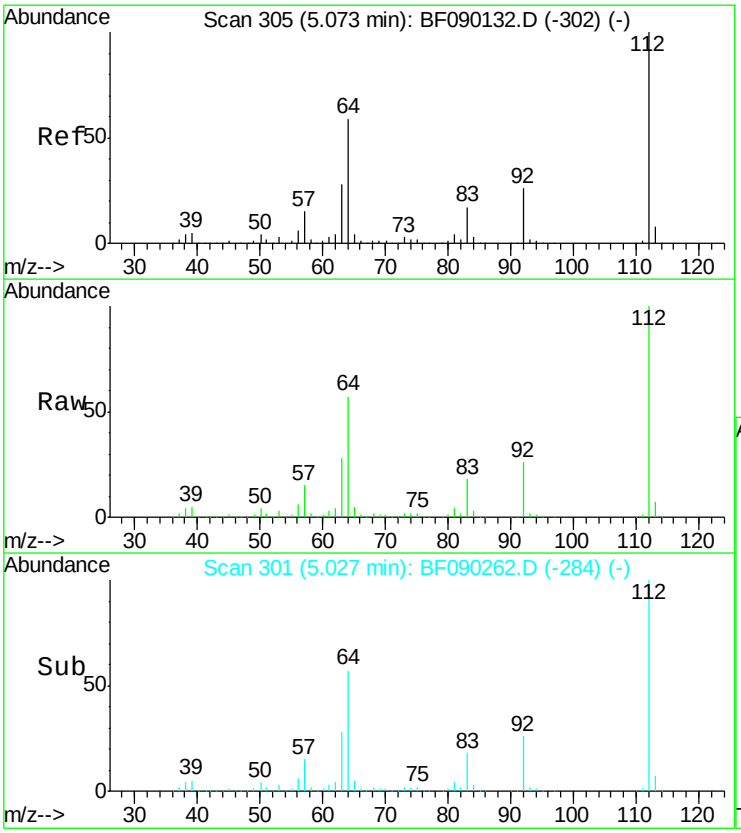
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.15 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion:152 Resp: 311896

Ion	Ratio	Lower	Upper
152	100		
150	159.3	128.9	193.3
115	72.0	55.5	83.3

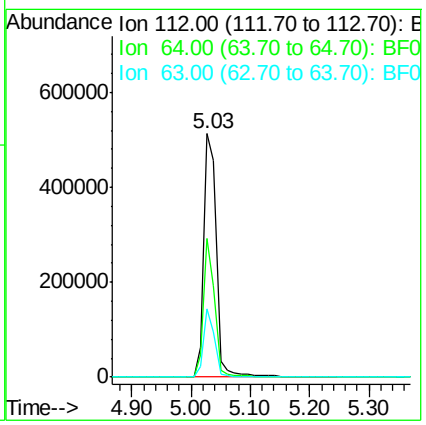


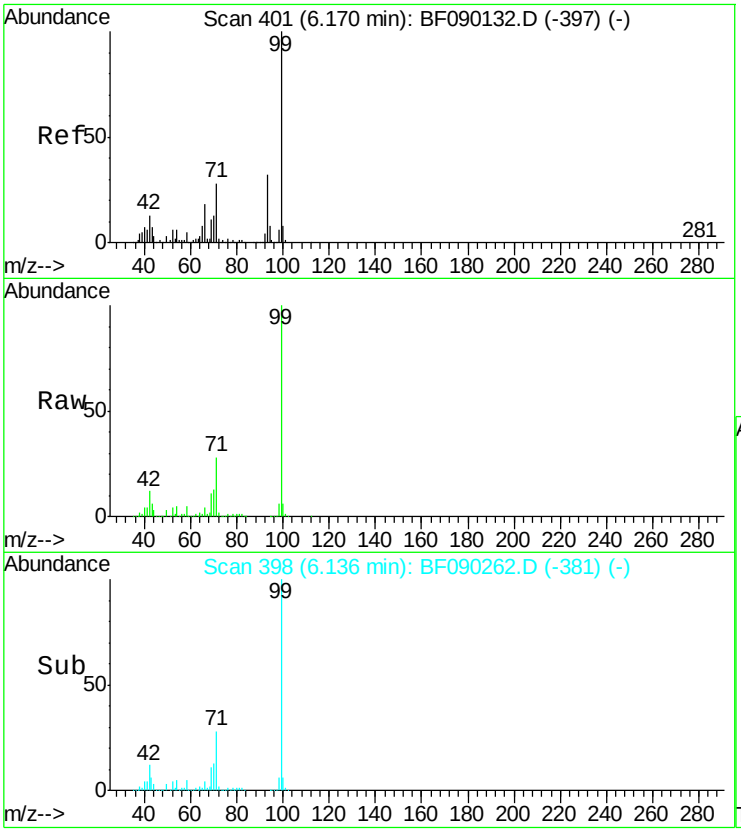


#5
2-Fluorophenol
Concen: 40.42 ng
RT: 5.03 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion:112 Resp: 773456

Ion	Ratio	Lower	Upper
112	100		
64	56.7	39.8	59.6
63	27.9	18.9	28.3



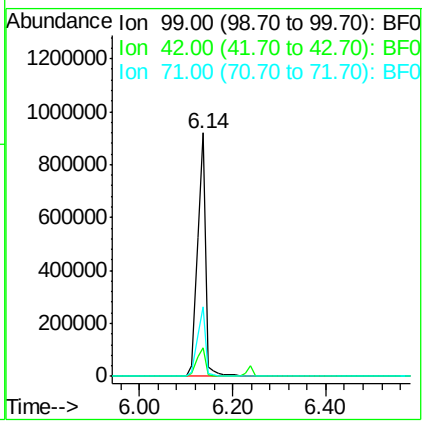


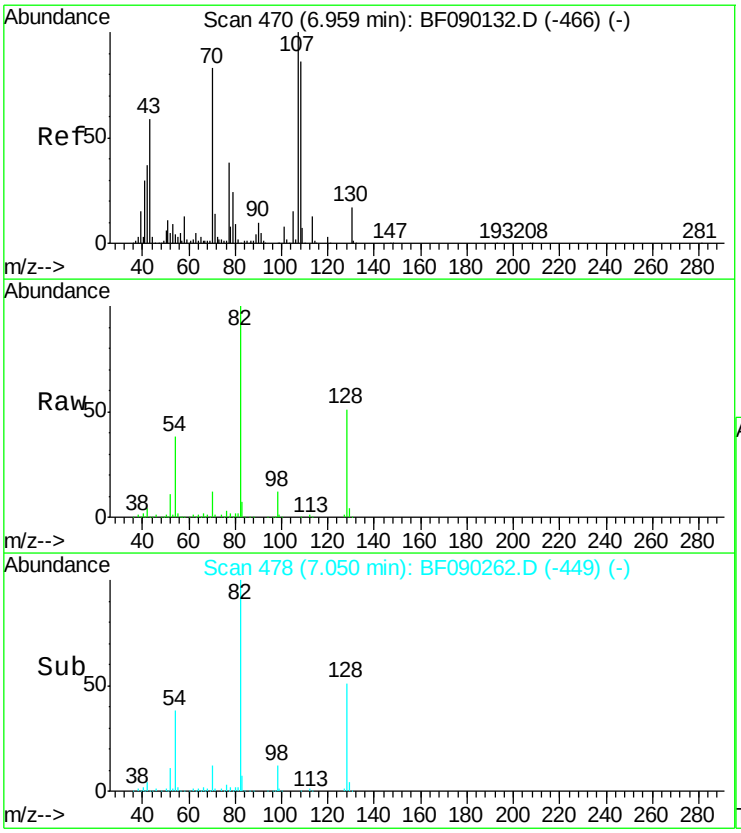
#7
Phenol-d6
Concen: 46.63 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion: 99 Resp: 1101994

Ion	Ratio	Lower	Upper
99	100		
42	11.8	10.6	15.8
71	28.4	23.0	34.6

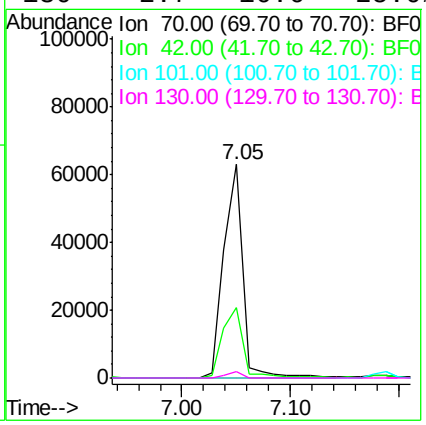


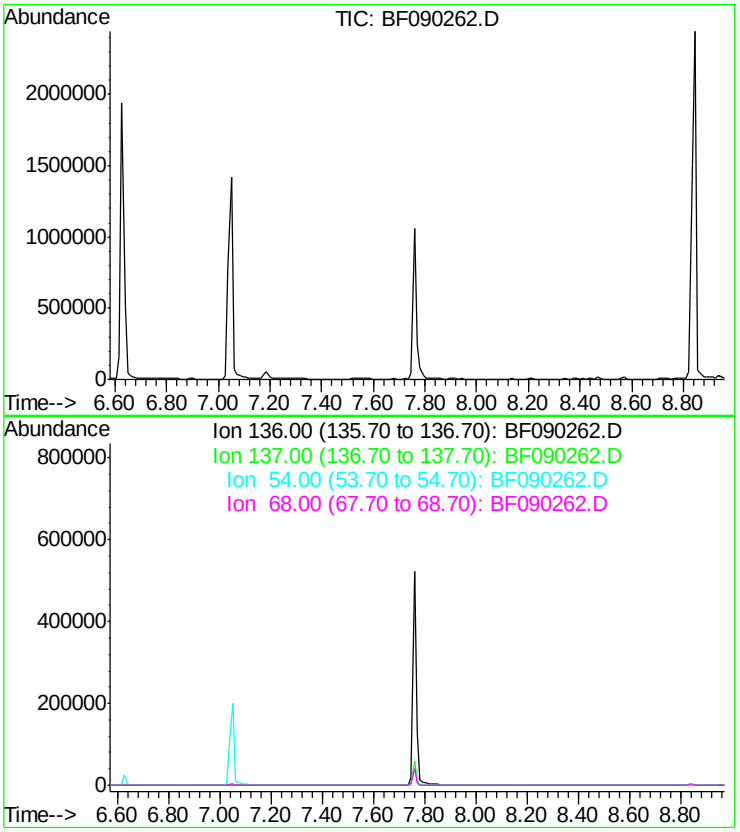


#19
n-Nitroso-di-n-propylamine
Concen: 5.51 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.14 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion: 70 Resp: 76431

Ion	Ratio	Lower	Upper
70	100		
42	33.1	35.1	52.7#
101	0.0	7.5	11.3#
130	2.7	16.6	25.0#





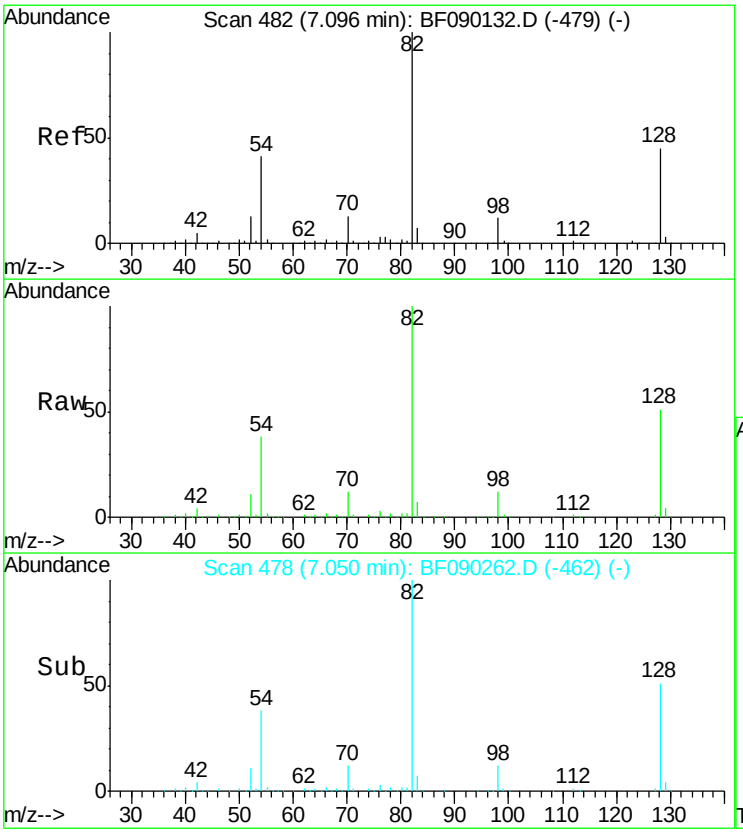
#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.77 min

Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.2
54	8.0
68	7.9

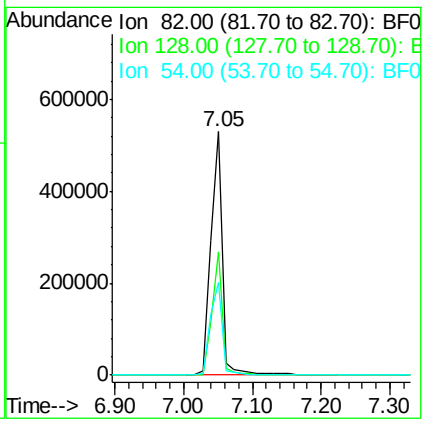
Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

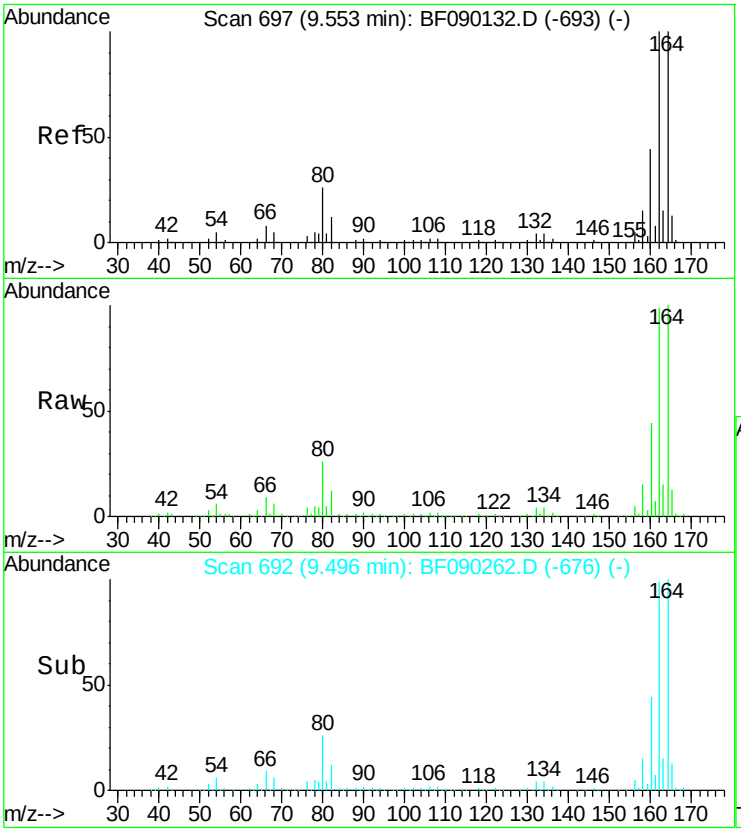


#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion: 82 Resp: 626238

Ion	Ratio	Lower	Upper
82	100		
128	50.9	37.5	56.3
54	37.8	31.9	47.9



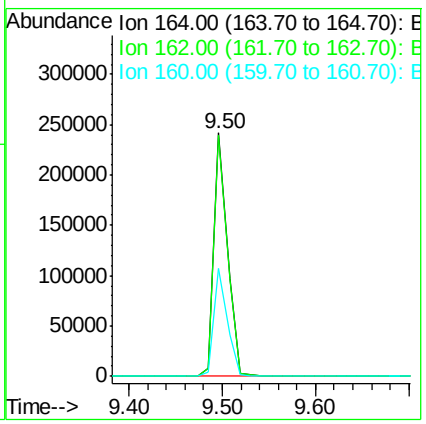


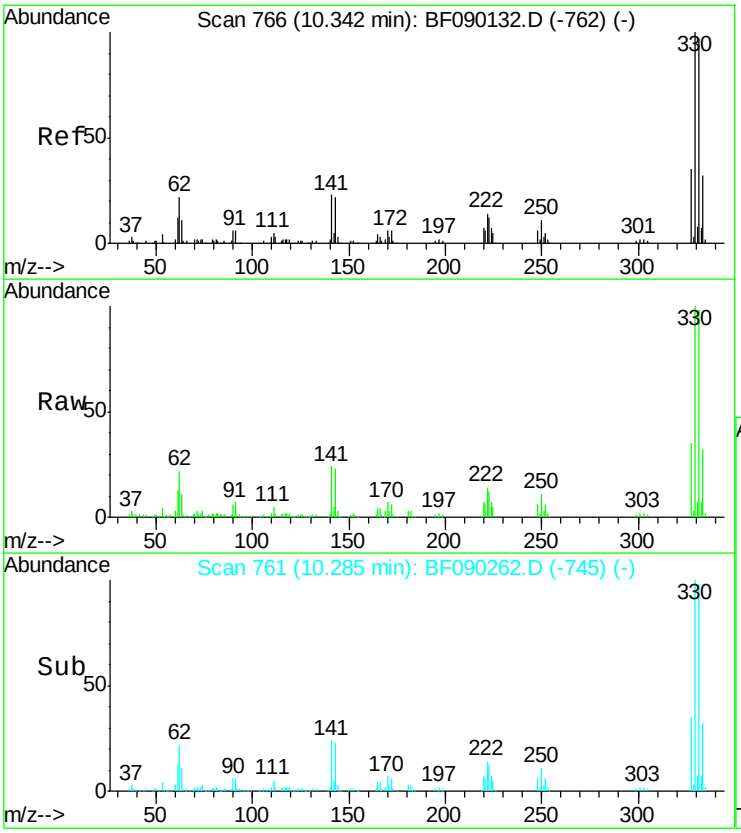
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion:164 Resp: 244290

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.4	122.2
160	44.4	36.6	54.8

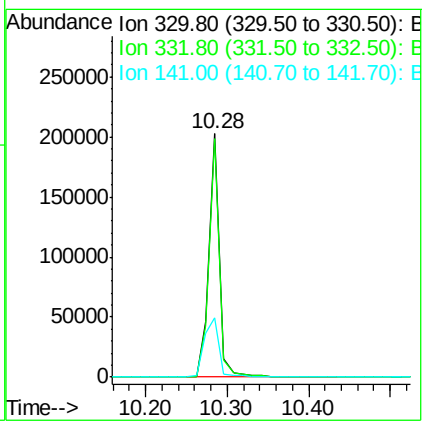


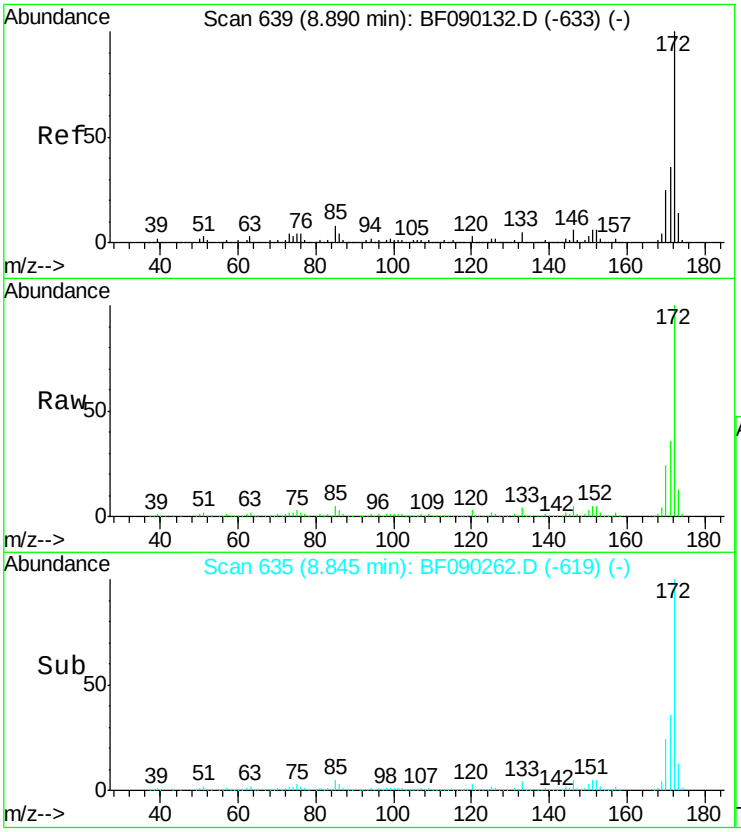


#41
2,4,6-Tribromophenol
Concen: 90.21 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion:330 Resp: 189072

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	34.2	23.9	35.9



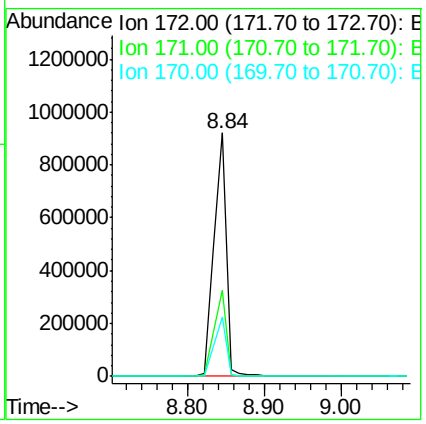


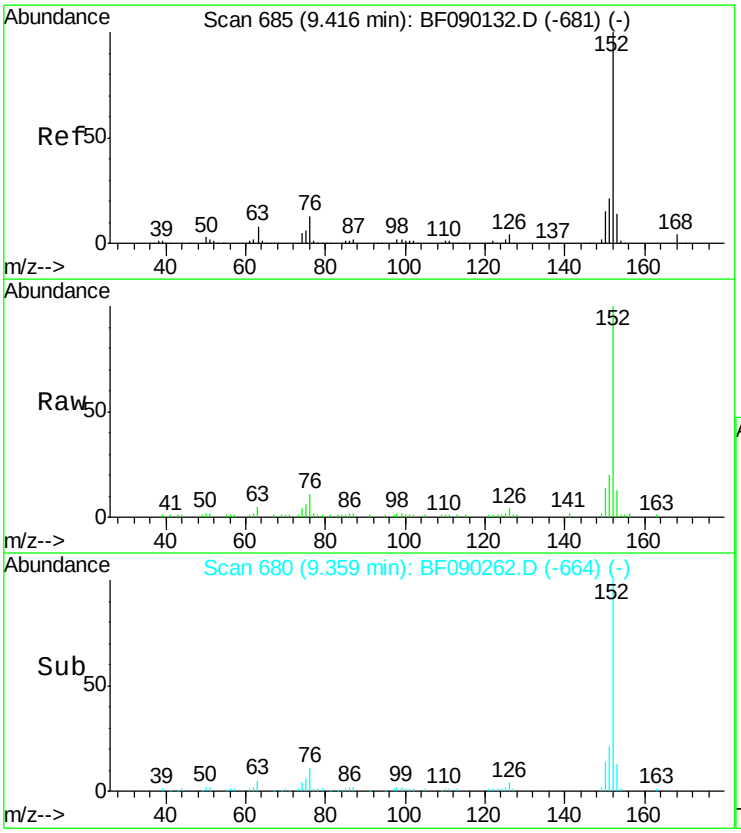
#44
2-Fluorobiphenyl
Concen: 81.63 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion:172 Resp: 1015805

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	24.4	19.8	29.8

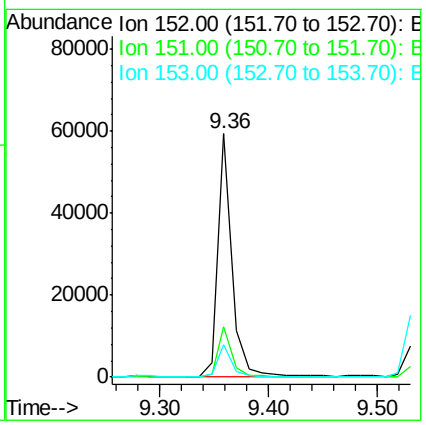


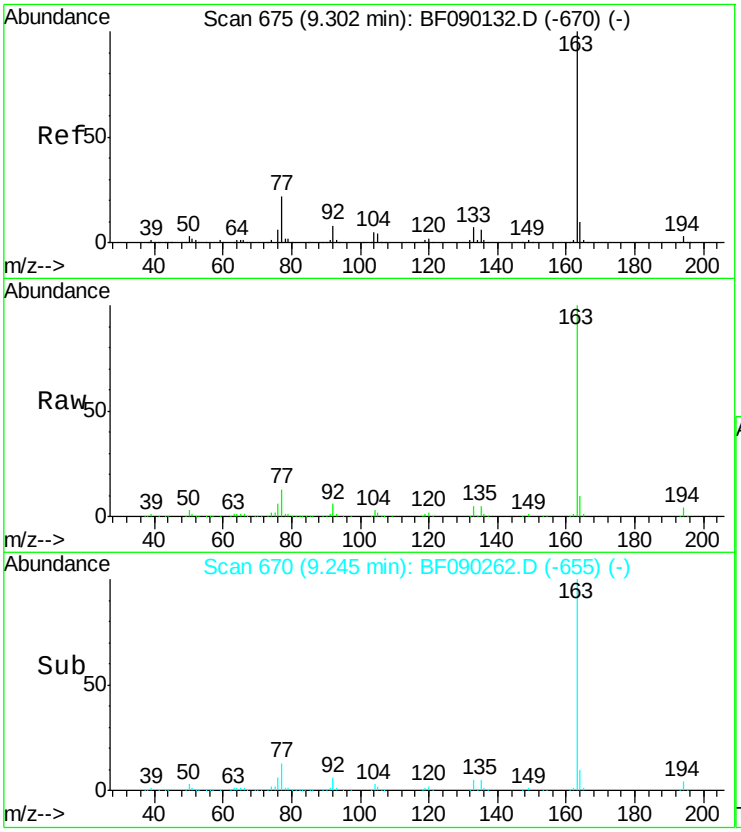


#48
Acenaphthylene
Concen: 2.60 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion:152 Resp: 54448

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7
153	13.5	10.6	15.8



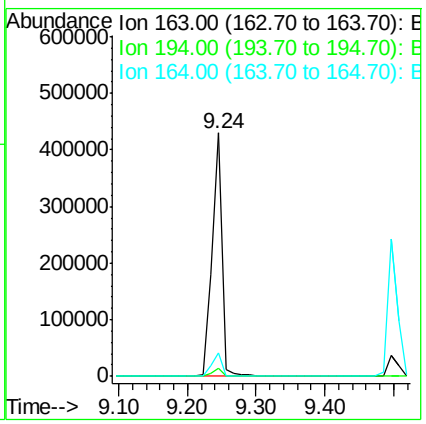


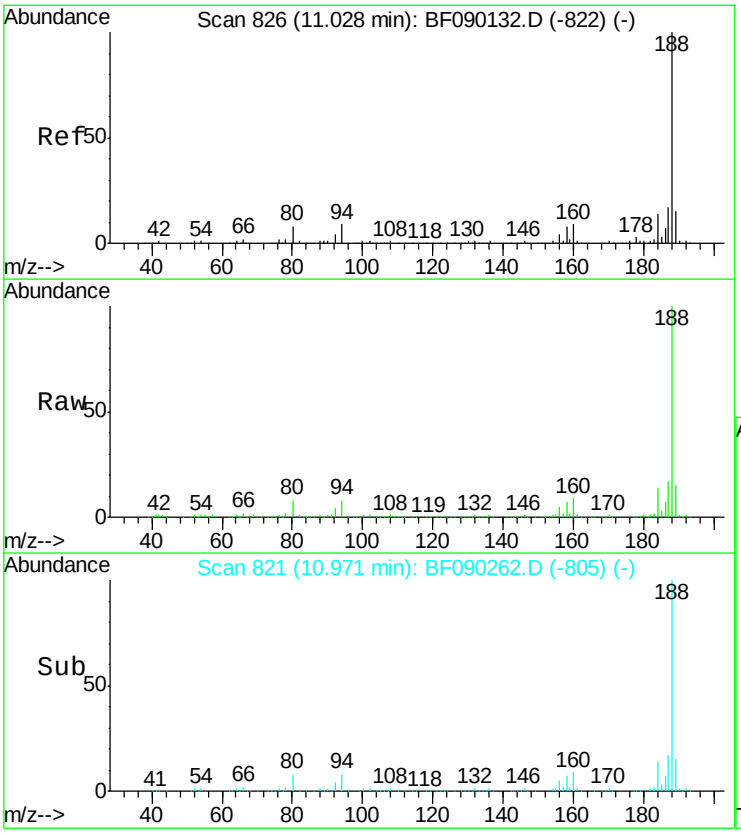
#49
Dimethylphthalate
Concen: 28.33 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion:163 Resp: 440791

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.6	8.1	12.1

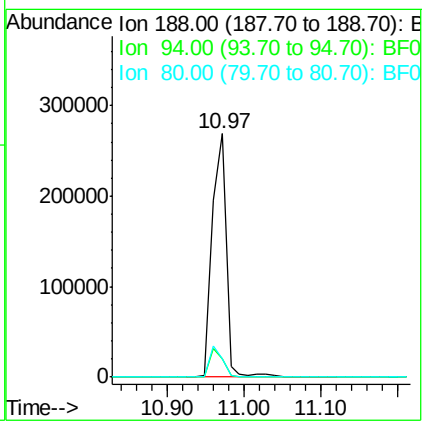


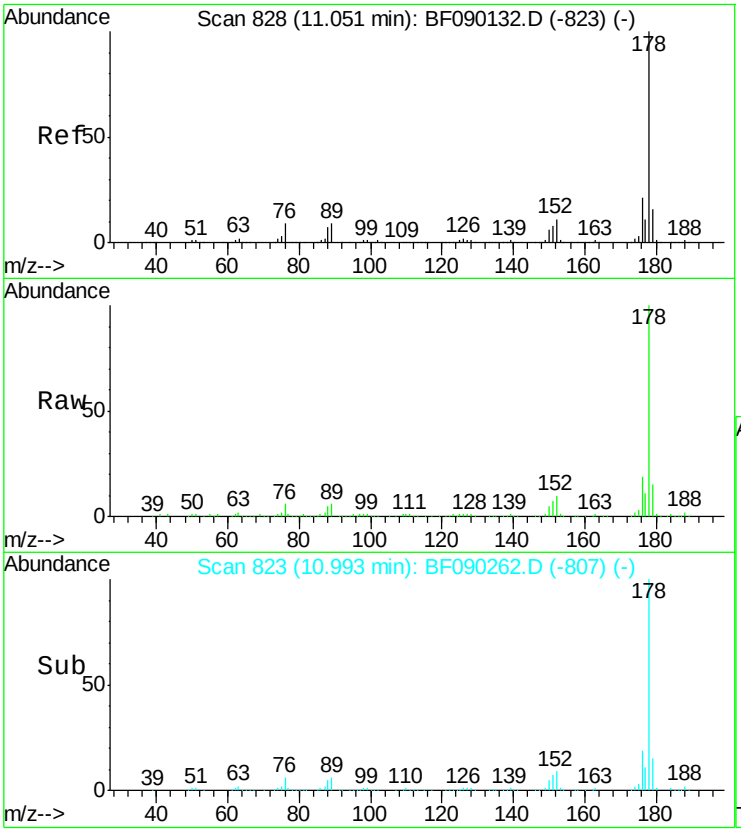


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion:188 Resp: 340495

Ion	Ratio	Lower	Upper
188	100		
94	7.8	10.5	15.7#
80	7.6	11.2	16.8#



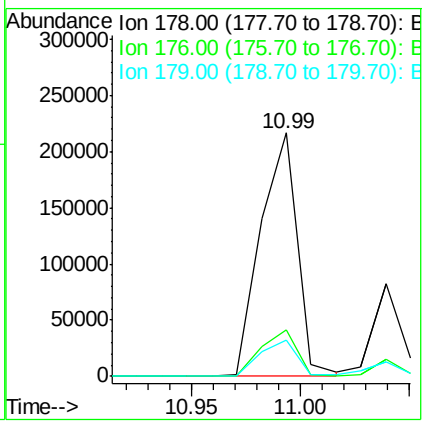


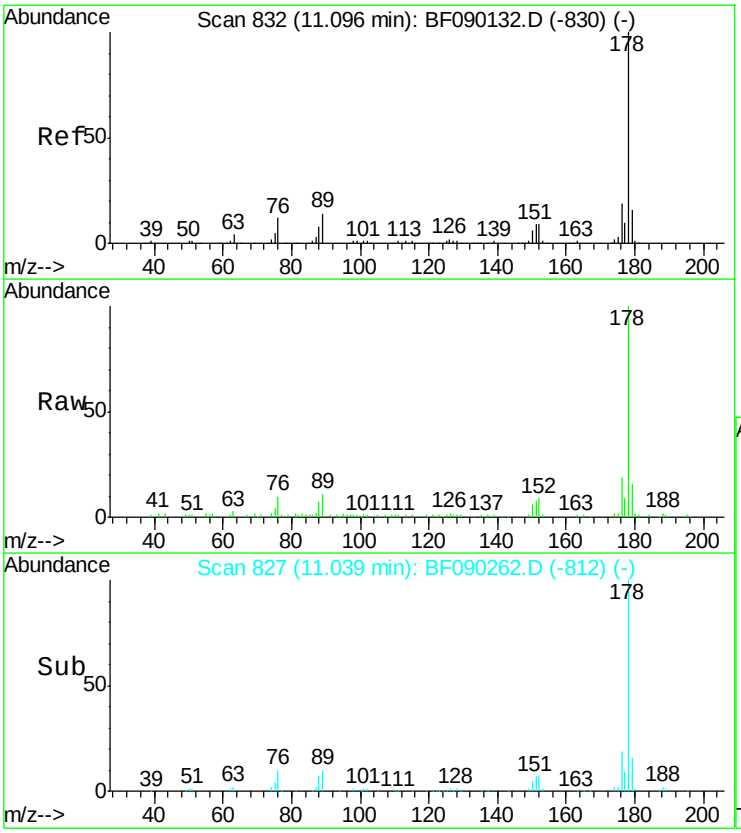
#70
Phenanthrene
Concen: 16.04 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion:178 Resp: 255474

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	14.9	12.9	19.3

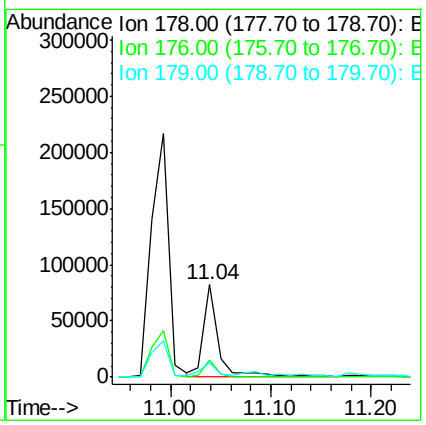


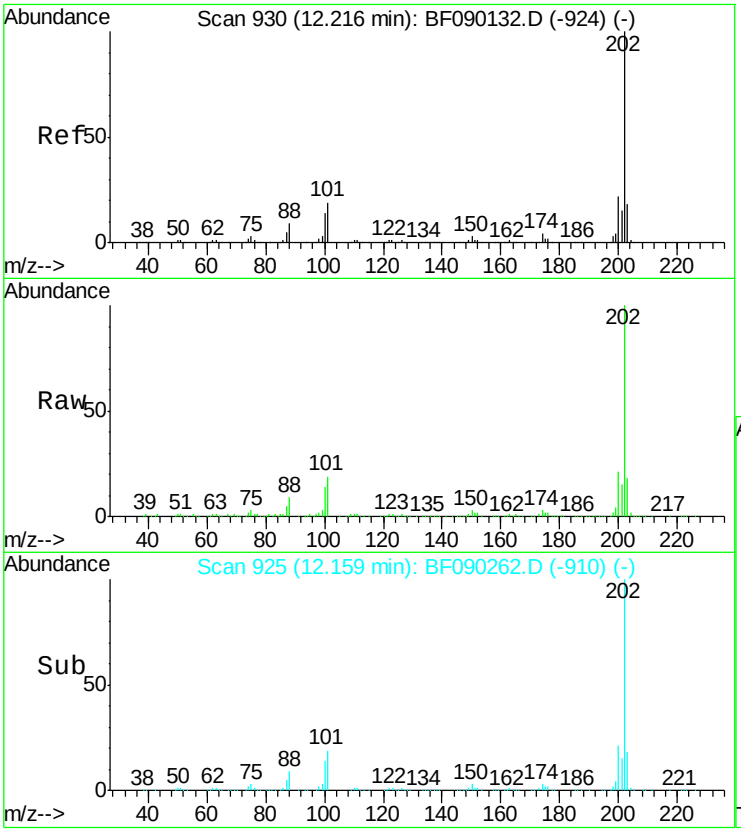


#71
Anthracene
Concen: 4.99 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion:178 Resp: 83296

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	16.2	12.6	19.0



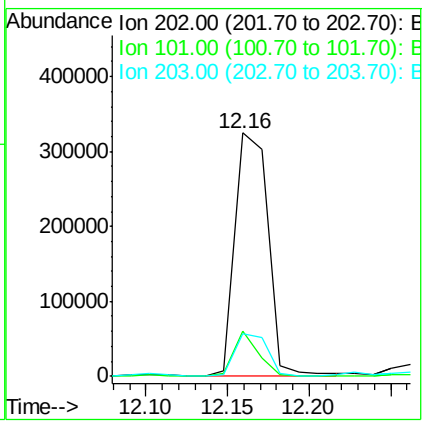


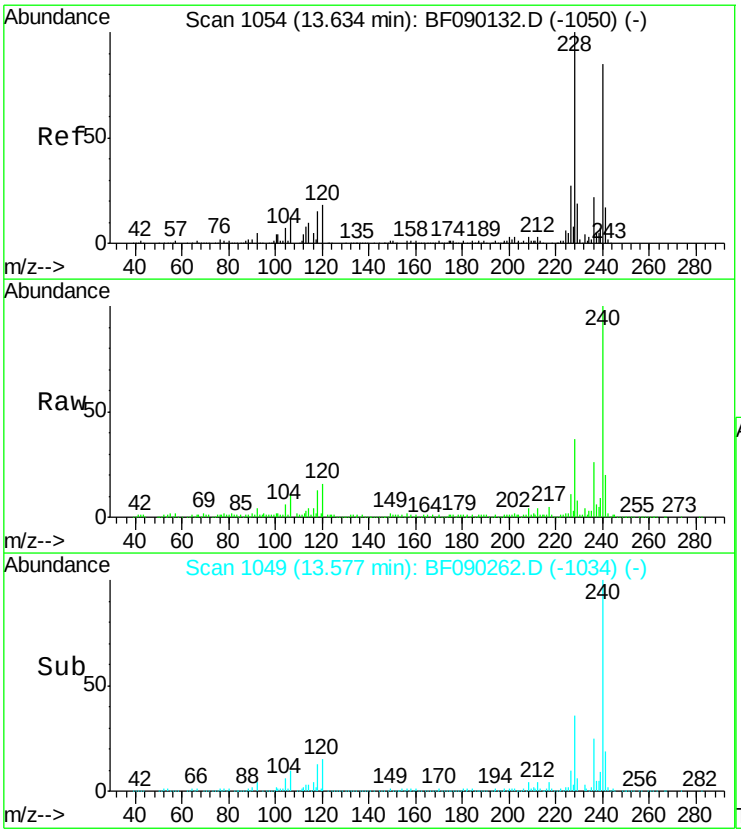
#74
Fluoranthene
Concen: 26.33 ng
RT: 12.16 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion:202 Resp: 449977

Ion	Ratio	Lower	Upper
202	100		
101	18.8	0.0	36.1
203	17.7	0.0	38.2

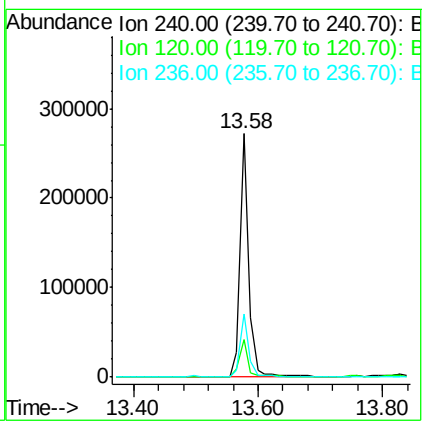


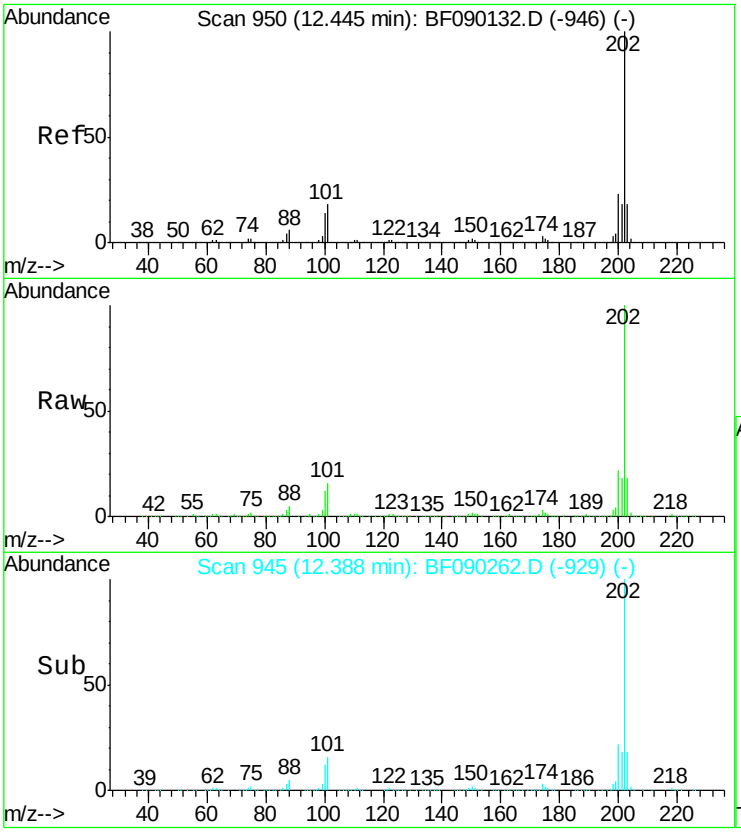


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion:240 Resp: 270438

Ion	Ratio	Lower	Upper
240	100		
120	15.6	10.6	16.0
236	25.7	21.6	32.4



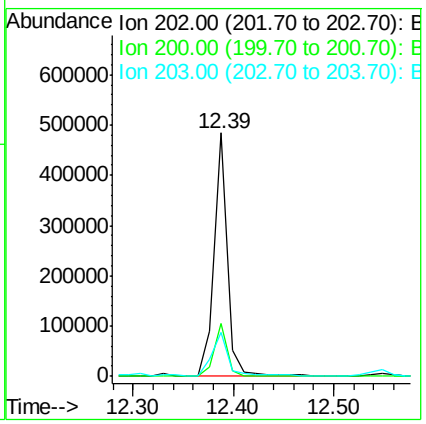


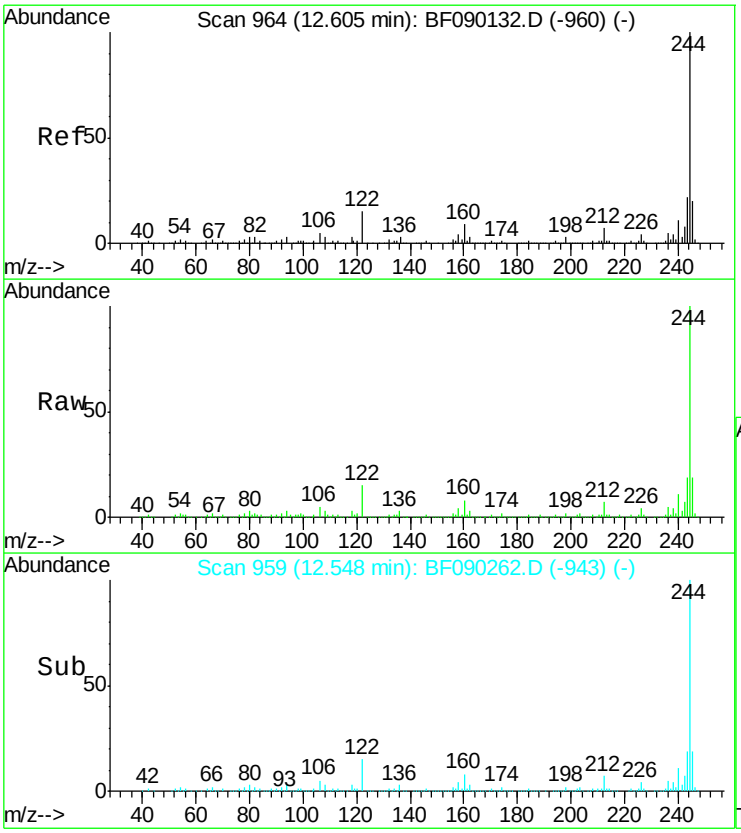
#77
Pyrene
Concen: 23.68 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion:202 Resp: 438162

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.9	26.9
203	18.1	14.2	21.4

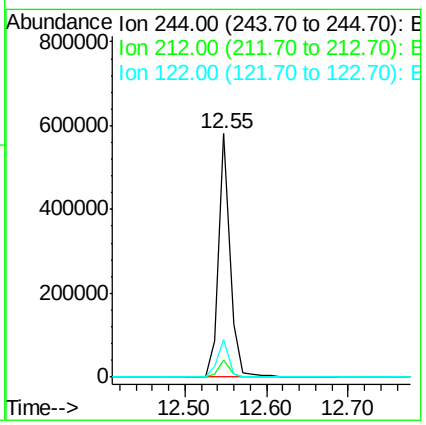


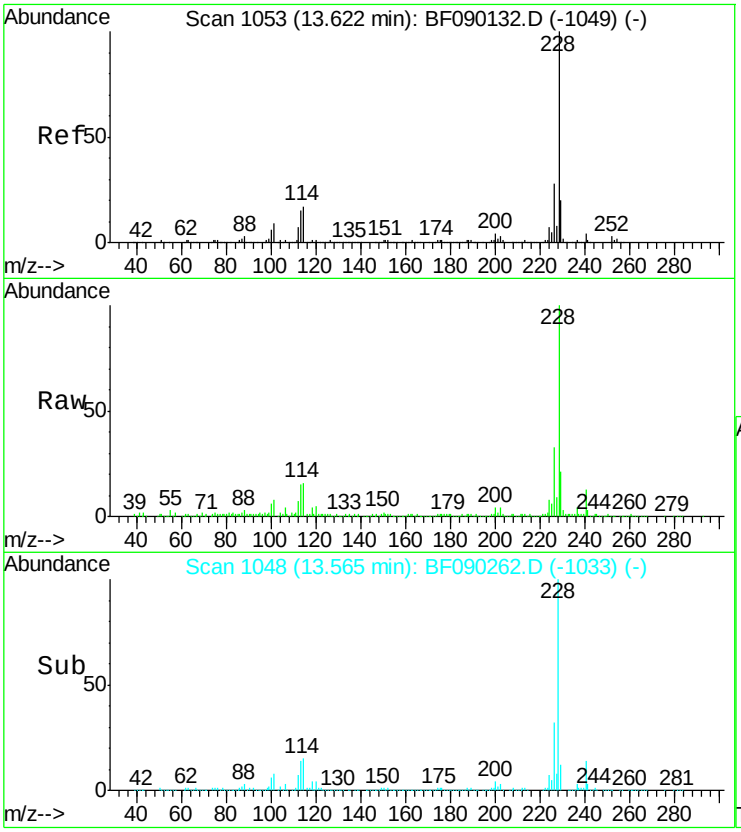


#78
Terphenyl-d14
Concen: 53.06 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion:244 Resp: 565188

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	15.2	9.4	14.0#



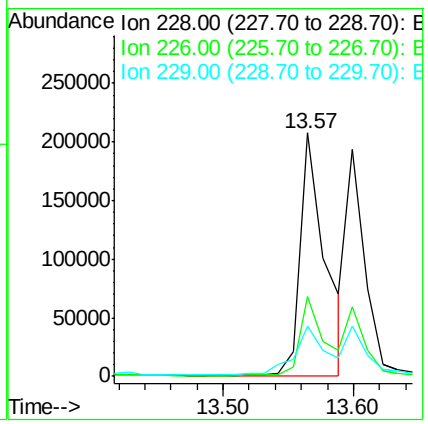


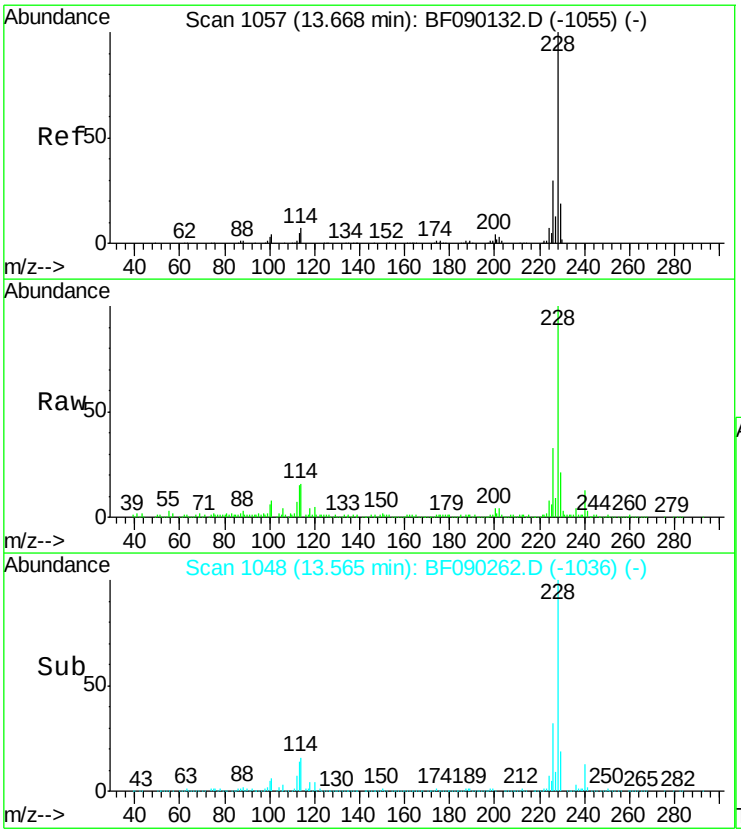
#80
Benzo(a)anthracene
Concen: 18.89 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion:228 Resp: 274821

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.0	33.0
229	20.9	16.2	24.2

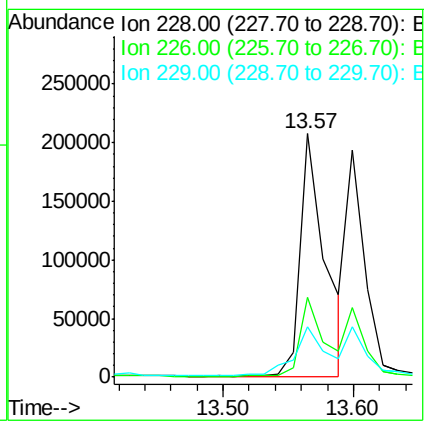


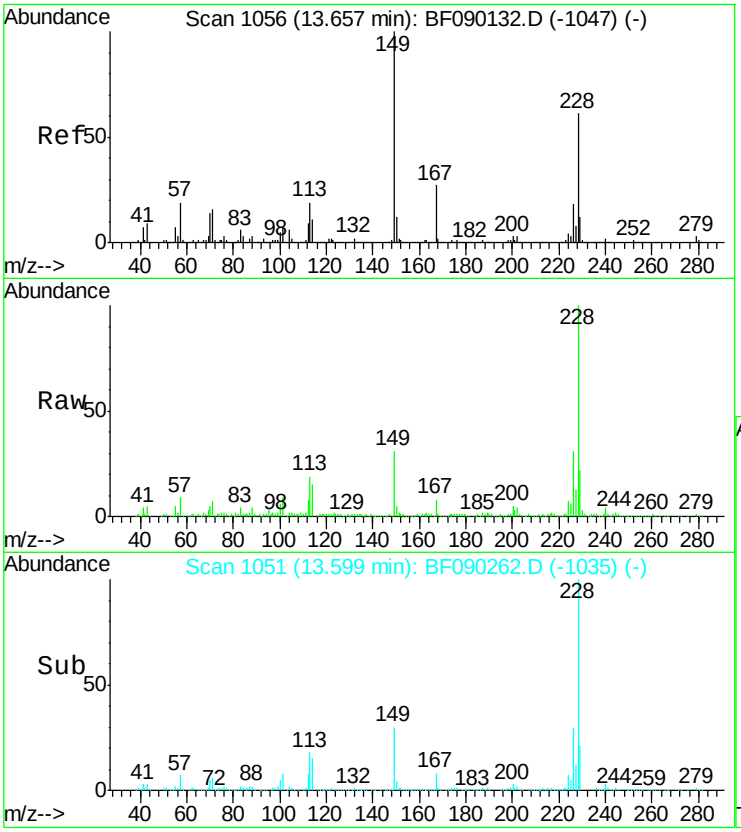


#82
Chrysene
Concen: 19.39 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.06 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion:228 Resp: 274821

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.6	37.0
229	20.9	16.2	24.4



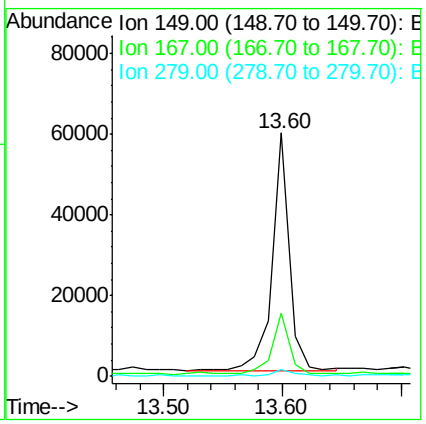


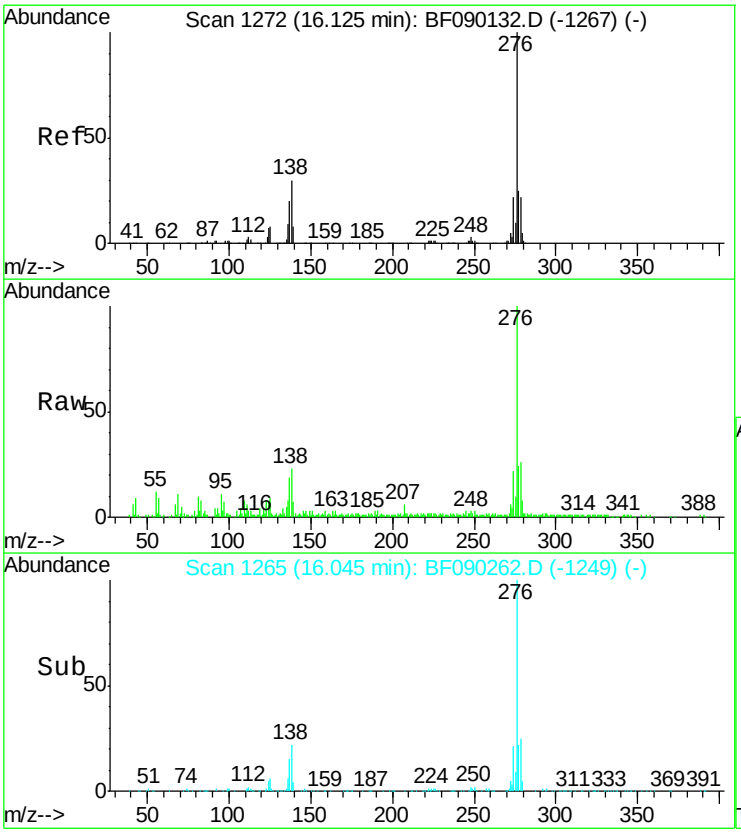
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.05 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion:149 Resp: 58510

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.2	31.8
279	3.1	2.2	3.2

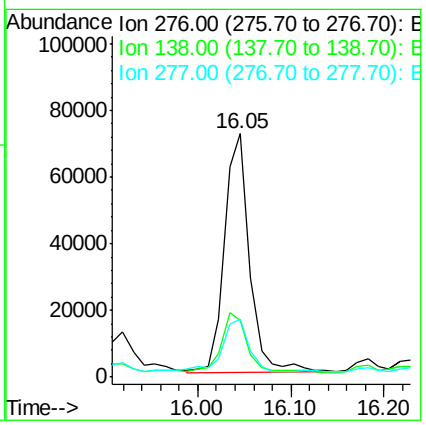


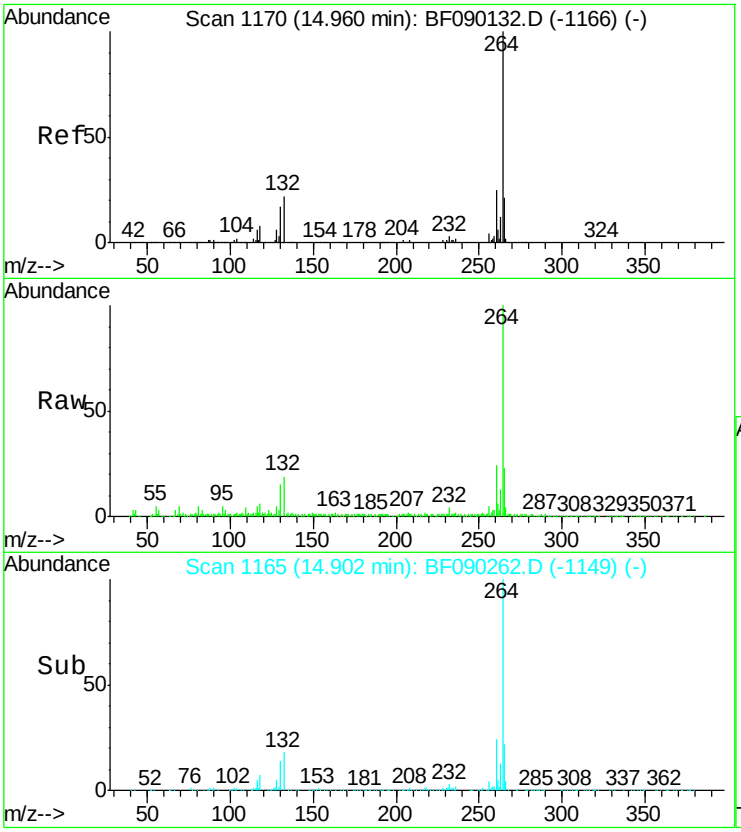


#85
Indeno(1,2,3-cd)pyrene
Concen: 11.70 ng
RT: 16.05 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion:276 Resp: 134109

Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.9	38.9#
277	25.0	19.9	29.9



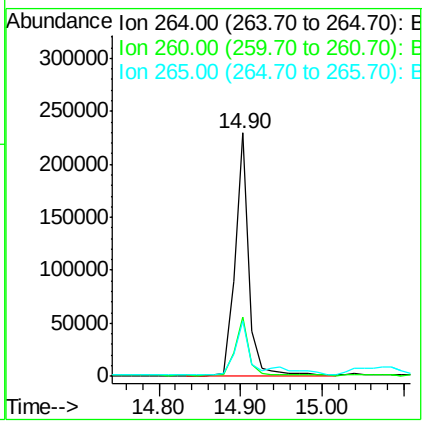


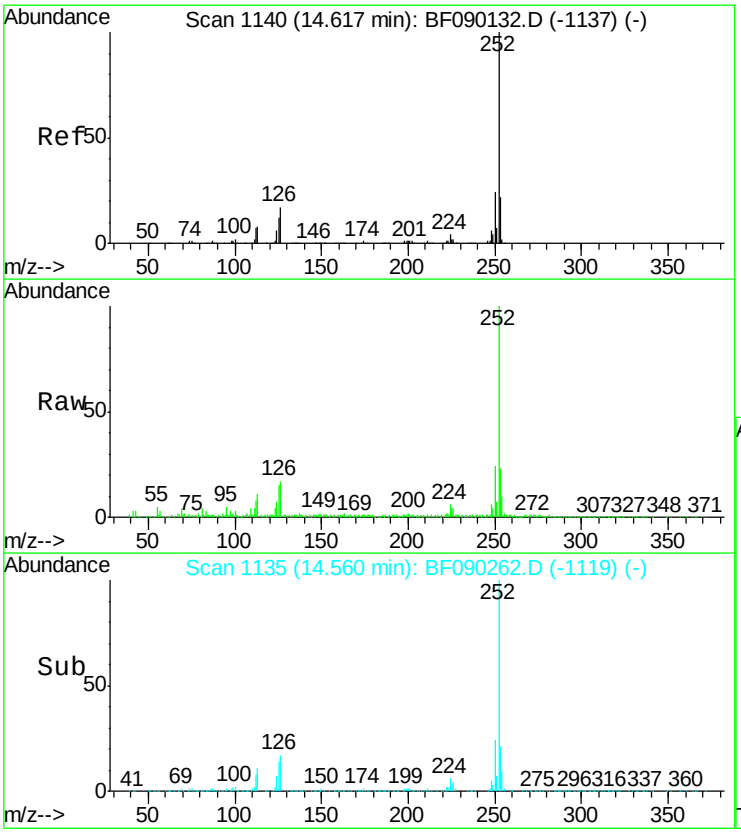
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion:264 Resp: 263824

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.8	17.0	25.4

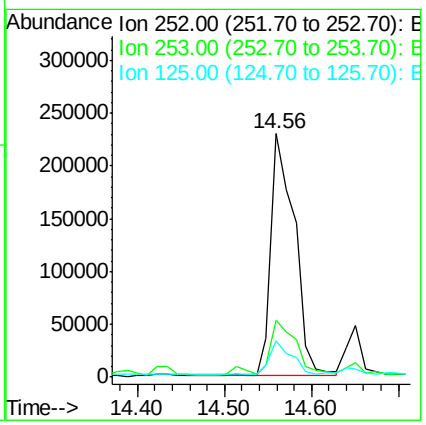


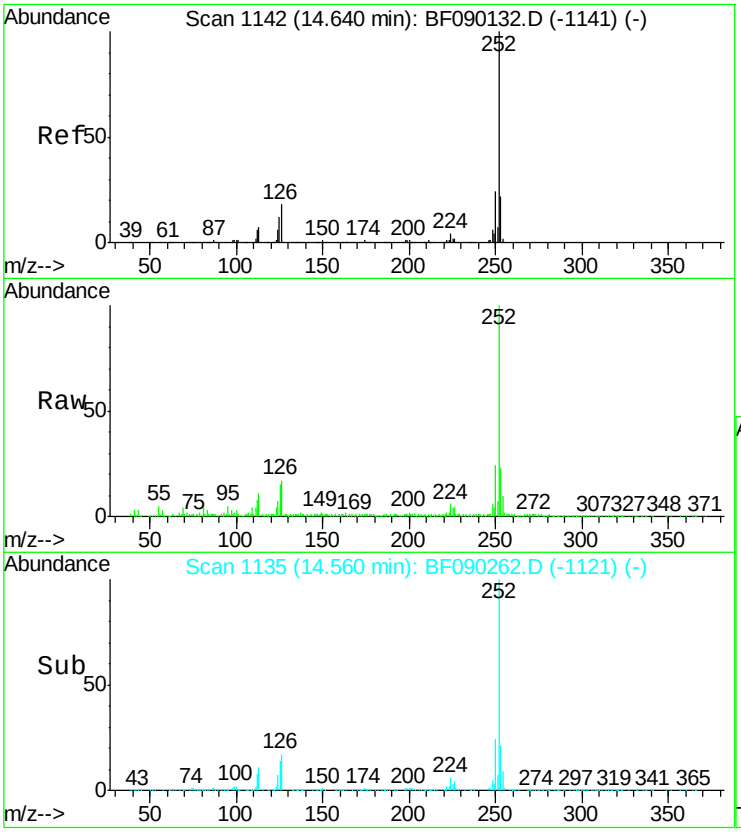


#87
Benzo(b)fluoranthene
Concen: 29.70 ng
RT: 14.56 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion:252 Resp: 433856

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	14.7	12.7	19.1



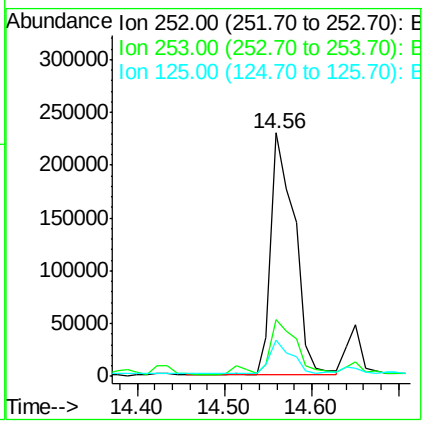


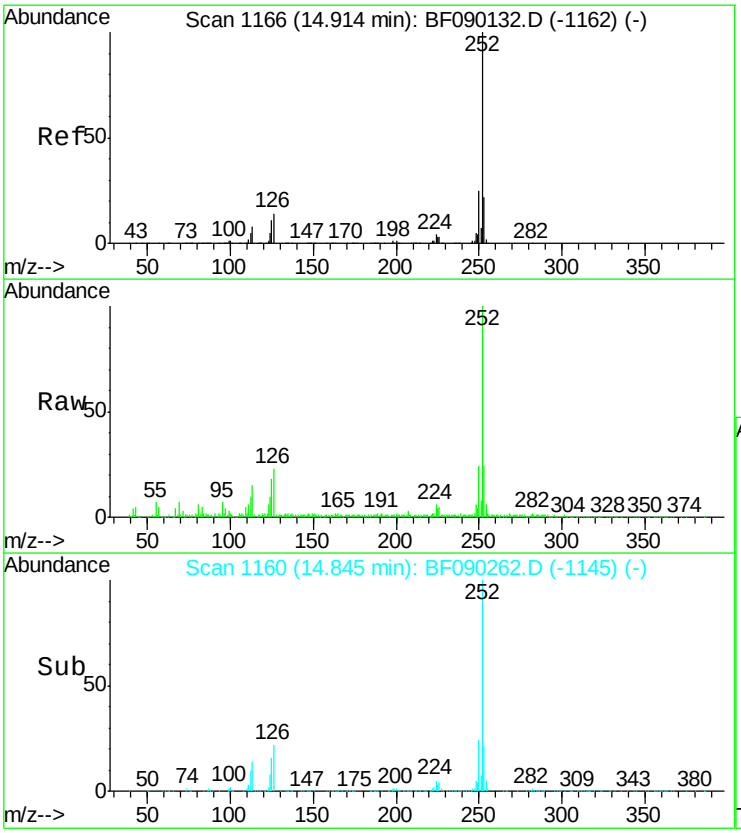
#88
Benzo(k)fluoranthene
Concen: 31.64 ng
RT: 14.56 min Scan# 1135
Delta R.T. -0.03 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion:252 Resp: 433856

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	14.7	7.8	11.6#

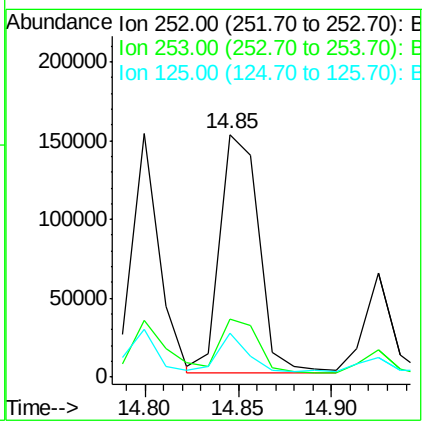


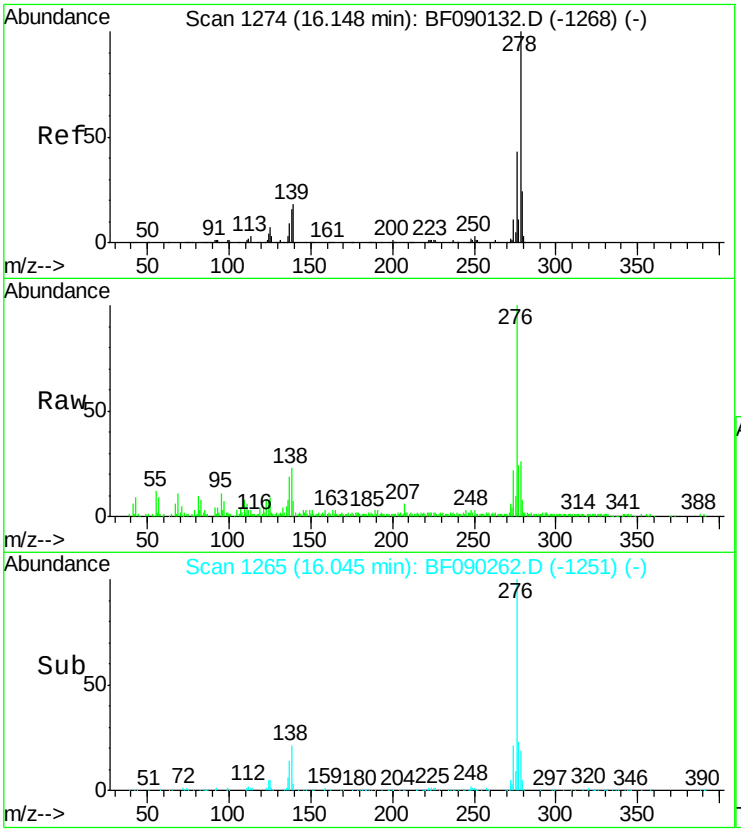


#89
Benzo(a)pyrene
Concen: 16.22 ng
RT: 14.85 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion:252 Resp: 222939

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	18.1	7.7	11.5#



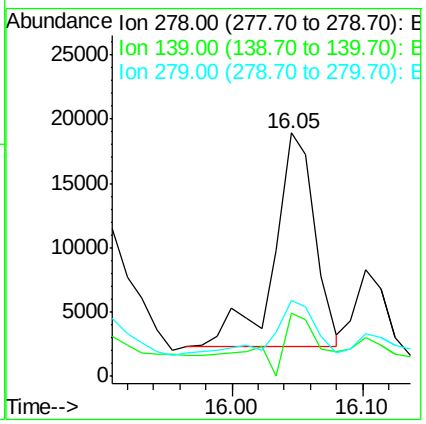


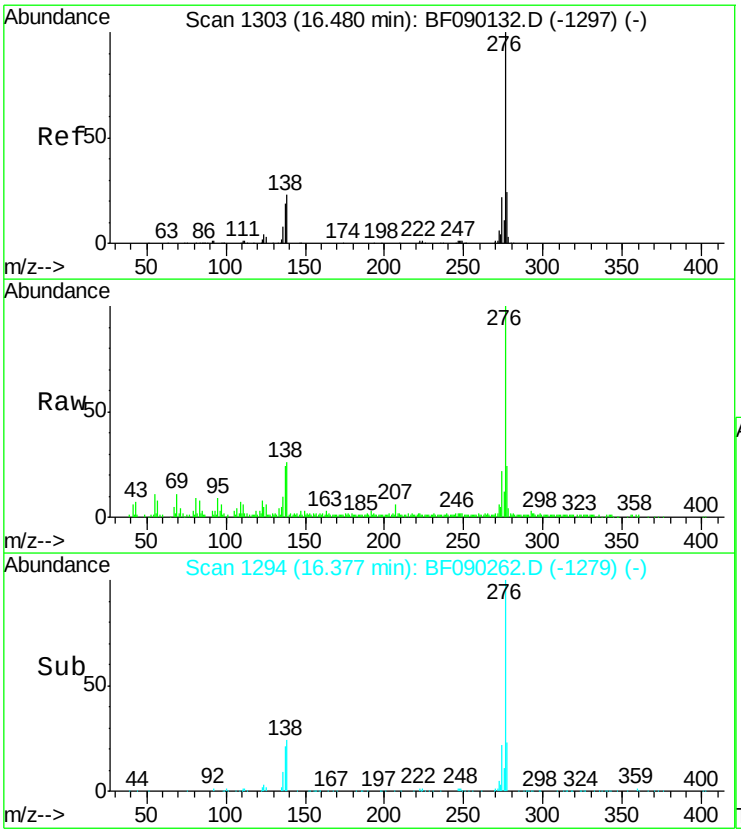
#90
Dibenzo(a,h)anthracene
Concen: 3.39 ng
RT: 16.05 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Instrument :
BNA_F
ClientSampleId :
S-1-1-LOC-1(0-5)

Tgt Ion:278 Resp: 36329

Ion	Ratio	Lower	Upper
278	100		
139	26.2	14.6	21.8#
279	31.4	18.8	28.2#





#91
Benzo(g,h,i)perylene
Concen: 11.74 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF090262.D
Acq: 27 Sep 2016 20:00

Tgt Ion:276 Resp: 123198

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	26.1	23.3	34.9