Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
Data File : BF088049.D
Acq On : 15 Jun 2016 22:34
Operator : UM/SJ
Sample : H3471-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1141-(0-4)

Quant Time: Jun 16 03:10:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	114463	20.00	ng		-0.05
21) Naphthalene-d8	8.03	136	429856	20.00	ng		-0.05
38) Acenaphthene-d10	9.78	164	190047	20.00	ng		-0.06
63) Phenanthrene-d10	11.26	188	285279	20.00	ng		-0.06
75) Chrysene-d12	13.90	240	233726	20.00	ng		-0.06
86) Perylene-d12	15.29	264	223425	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	742944	110.96	ng		-0.05
7) Phenol-d6	6.39	99	832823	102.63	ng		-0.05
23) Nitrobenzene-d5	7.31	82	606361	82.37	ng		-0.05
41) 2,4,6-Tribromophenol	10.57	330	156755	78.12	ng		-0.06
44) 2-Fluorobiphenyl	9.11	172	866072	70.65	ng		-0.06
78) Terphenyl-d14	12.85	244	558770	54.40	ng		-0.06
Target Compounds							Qvalue
10) Phenol	6.40	94	4083	Below Cal		#	33
19) n-Nitroso-di-n-propylamine	7.31	70	81192	15.64	ng	#	71
31) Naphthalene	8.06	128	45393	2.13	ng		97
37) 2-Methylnaphthalene	8.74	142	32322	2.31	ng		97
45) 1,1'-Biphenyl	9.21	154	2866	Below Cal			94
49) Dimethylphthalate	9.51	163	272869	19.82	ng		99
56) 2,4-Dinitrotoluene	9.78	165	24937	6.15	ng	#	38
57) Fluorene	10.33	166	3837	Below Cal		#	86
64) 4,6-Dinitro-2-methylphenol	10.57	198	271	2.31	ng	#	1
66) 4-Bromophenyl-phenylether	10.57	248	10849	3.54	ng	#	1
70) Phenanthrene	11.28	178	62187	4.15	ng		99
71) Anthracene	11.34	178	30842	2.04	ng		99
74) Fluoranthene	12.47	202	214058	13.55	ng		99
77) Pyrene	12.70	202	188773	10.88	ng		98
80) Benzo(a)anthracene	13.92	228	129461	9.72	ng		97
82) Chrysene	13.92	228	129523	10.34	ng		96
85) Indeno(1,2,3-cd)pyrene	16.63	276	56717	4.87	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	251351	16.14	ng	#	96
88) Benzo(k)fluoranthene	14.90	252	251351	21.40	ng		98
89) Benzo(a)pyrene	15.23	252	89175	7.08	ng		97
91) Benzo(g,h,i)perylene	17.03	276	47825	3.97	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 15 Jun 2016 22:34
Operator : UM/SJ
Sample : H3471-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Quant Time: Jun 16 03:10:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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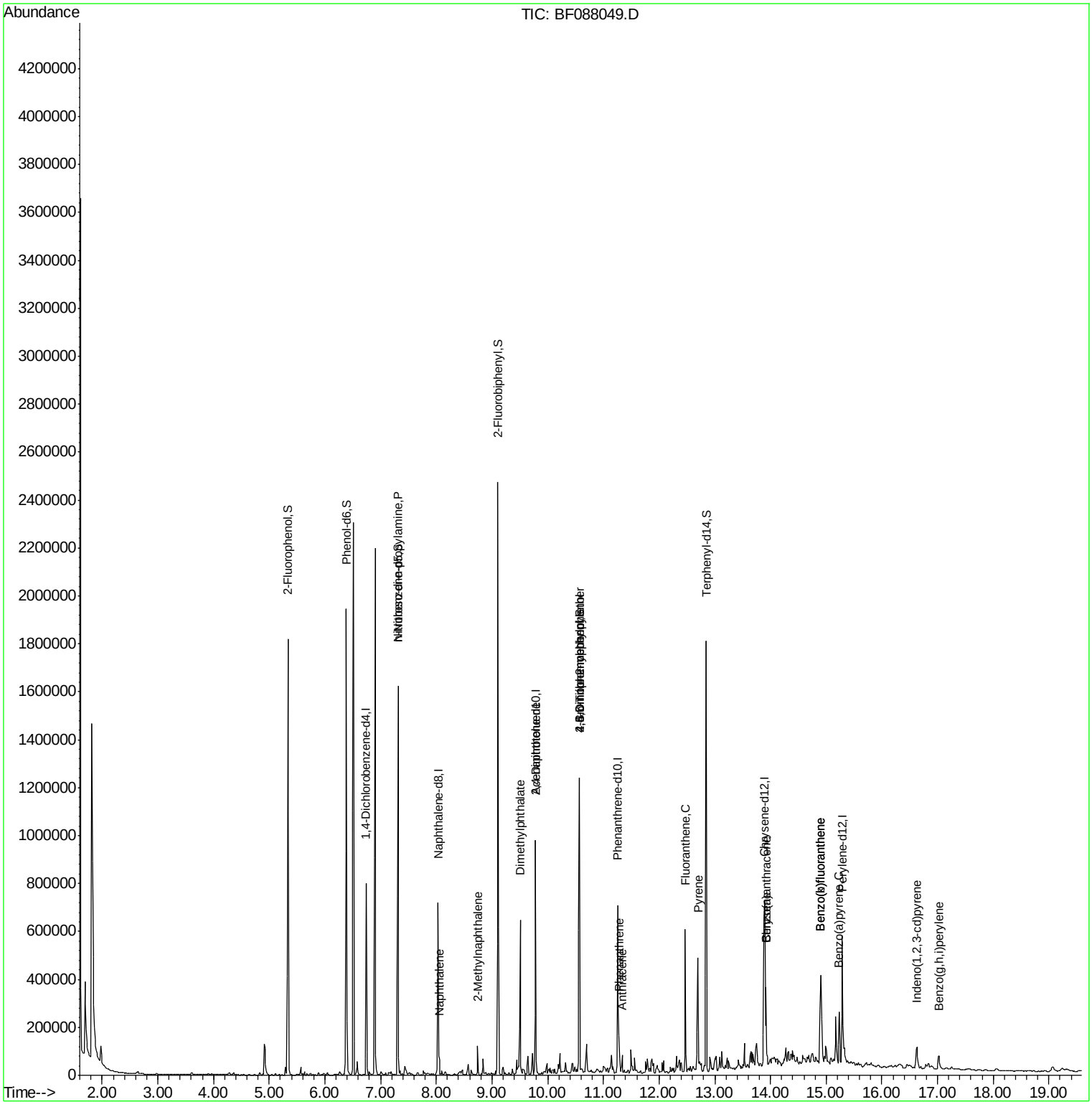
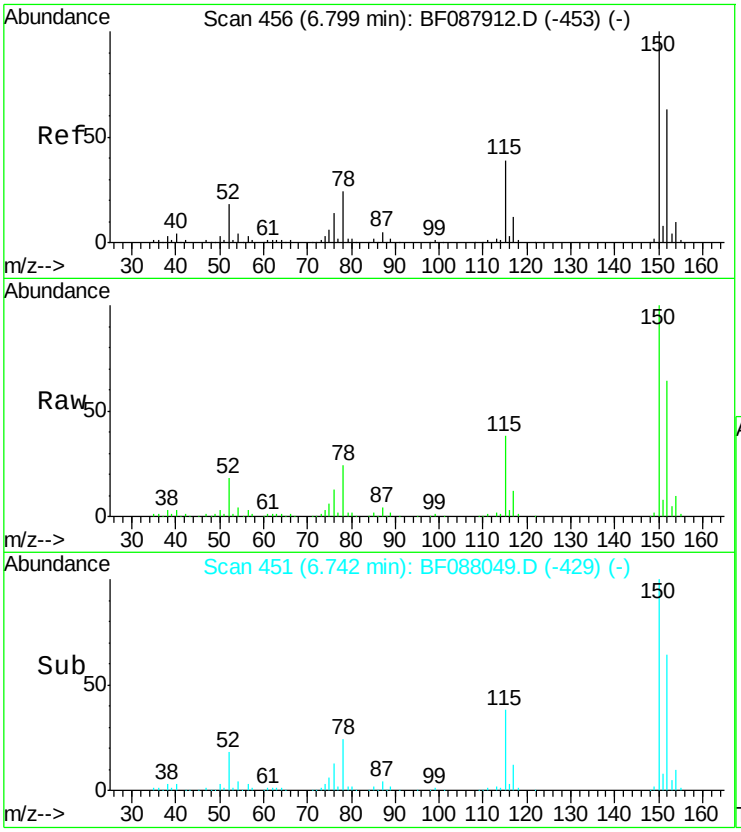


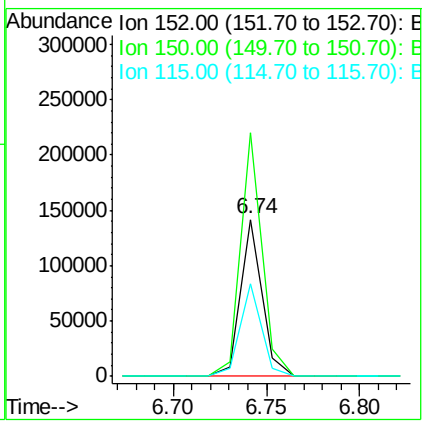


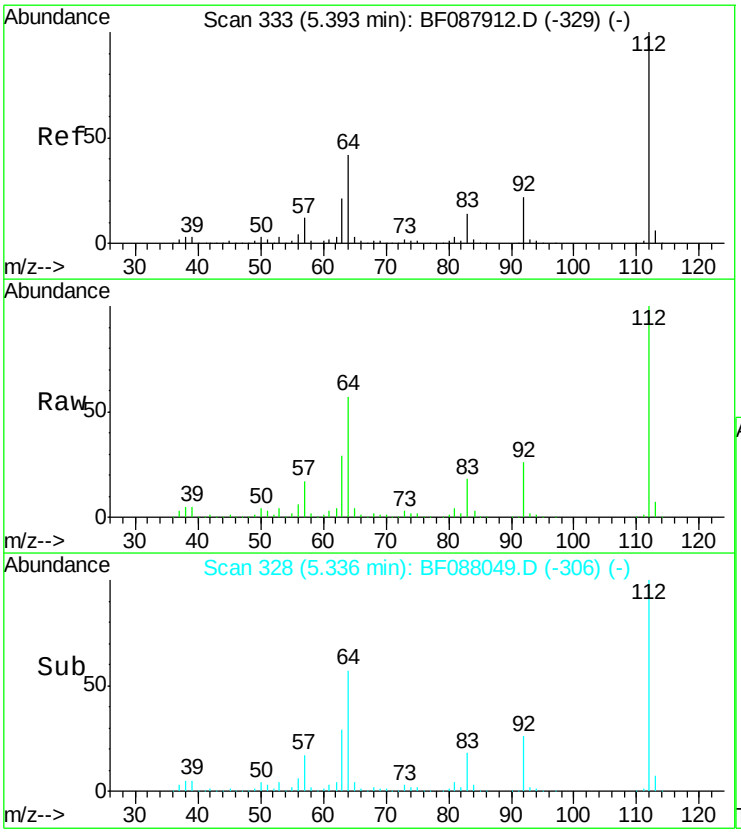
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:152 Resp: 114463

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.8	185.6
115	59.3	39.6	59.4

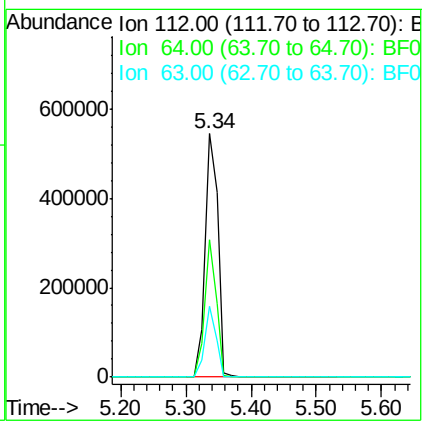


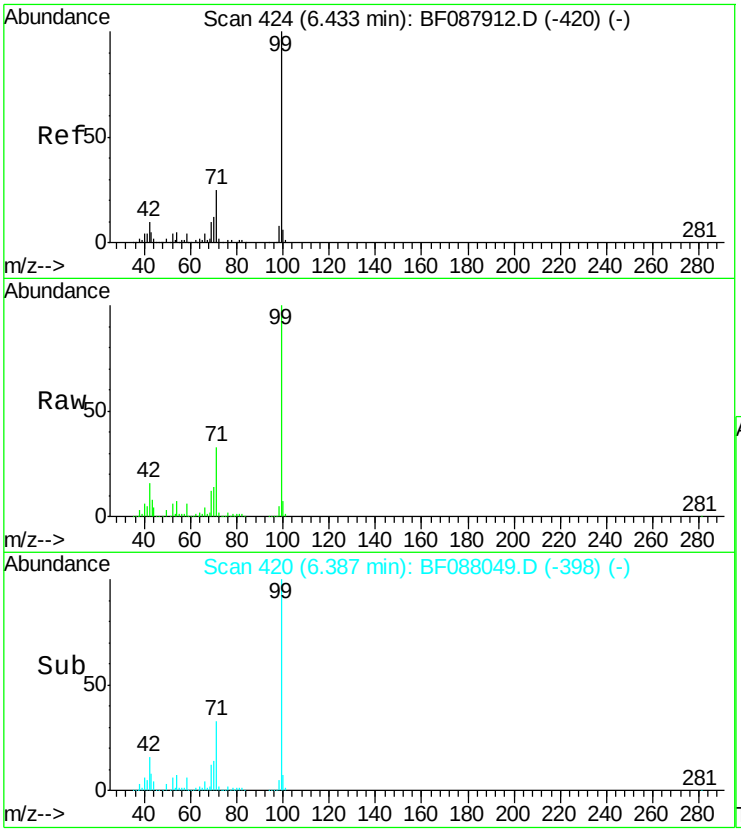


#5
2-Fluorophenol
Concen: 110.96 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.05 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:112 Resp: 742944

Ion	Ratio	Lower	Upper
112	100		
64	56.5	42.2	63.2
63	28.9	21.8	32.8



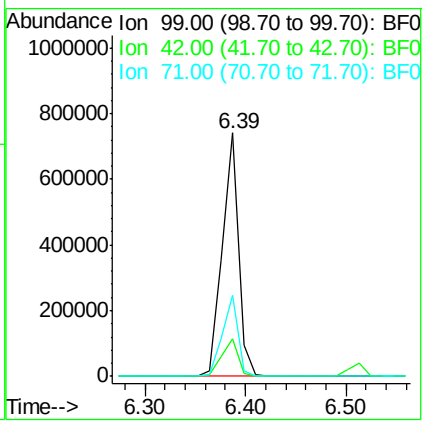


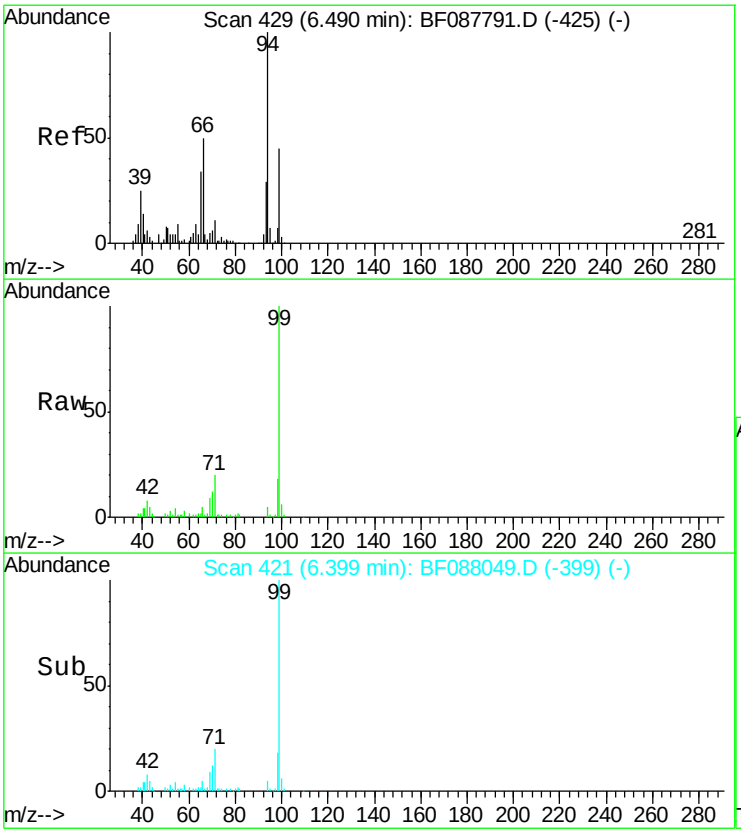
#7
Phenol-d6
Concen: 102.63 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.05 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion: 99 Resp: 832823

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.2	18.2
71	33.2	23.4	35.0

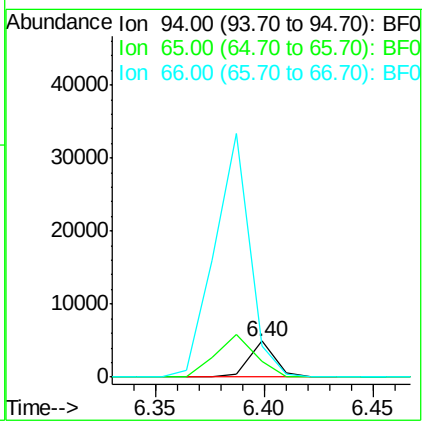


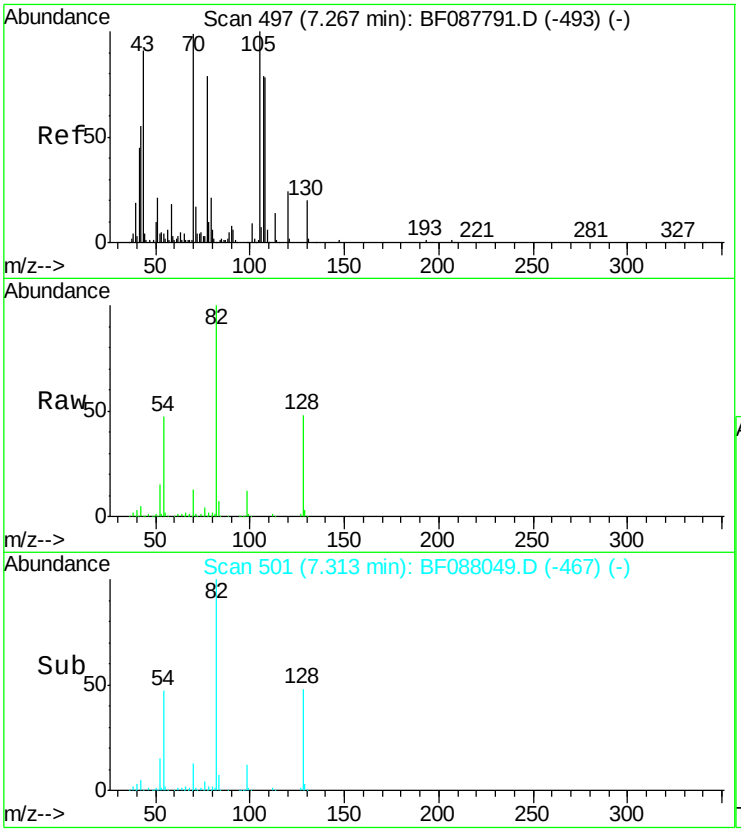


#10
Phenol
Concen: Below Cal
RT: 6.40 min Scan# 421
Delta R.T. -0.05 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion: 94 Resp: 4083

Ion	Ratio	Lower	Upper
94	100		
65	42.8	5.9	45.9
66	87.2	14.0	54.0#



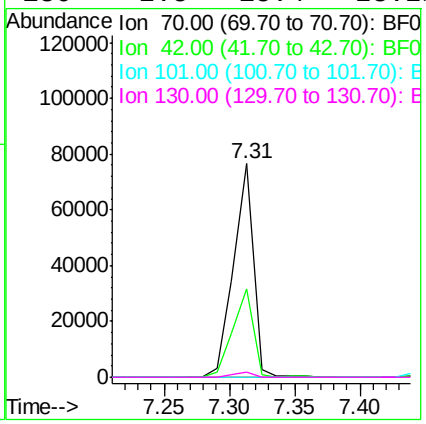


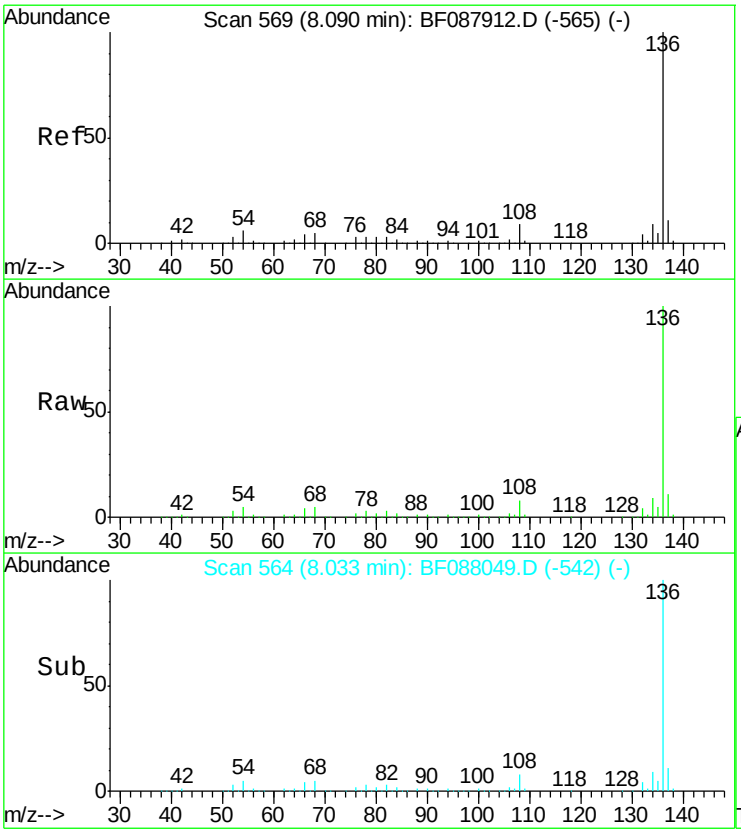
#19
n-Nitroso-di-n-propylamine
Concen: 15.64 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.09 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion: 70 Resp: 81192

Ion	Ratio	Lower	Upper
70	100		
42	41.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#

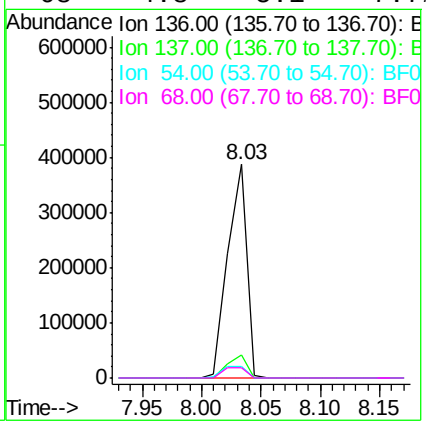


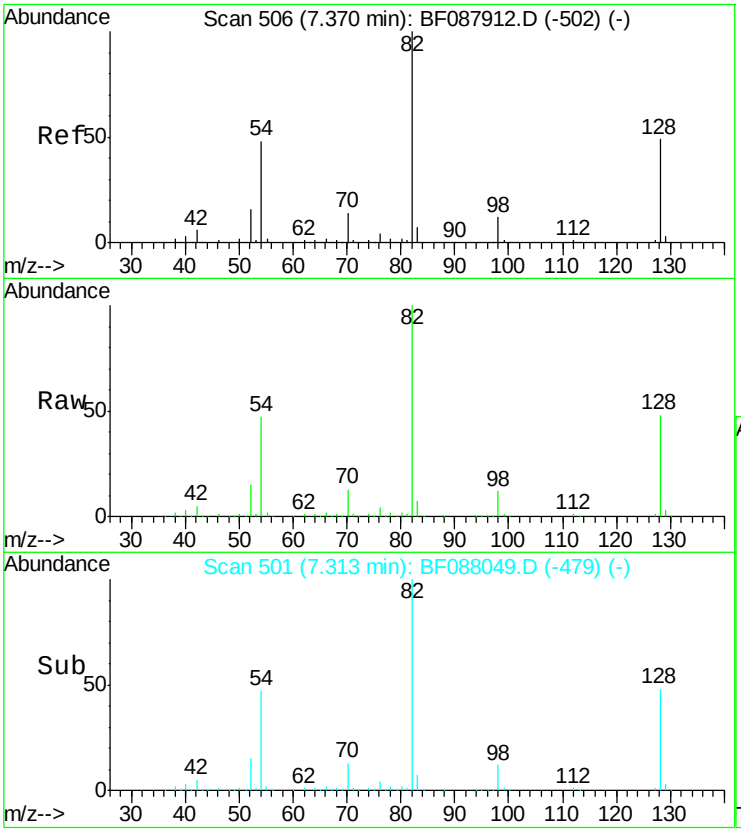


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.05 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:136 Resp: 429856

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.3	6.6	10.0#
68	4.8	5.1	7.7#



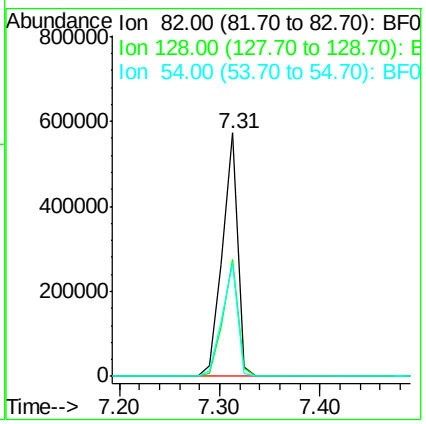


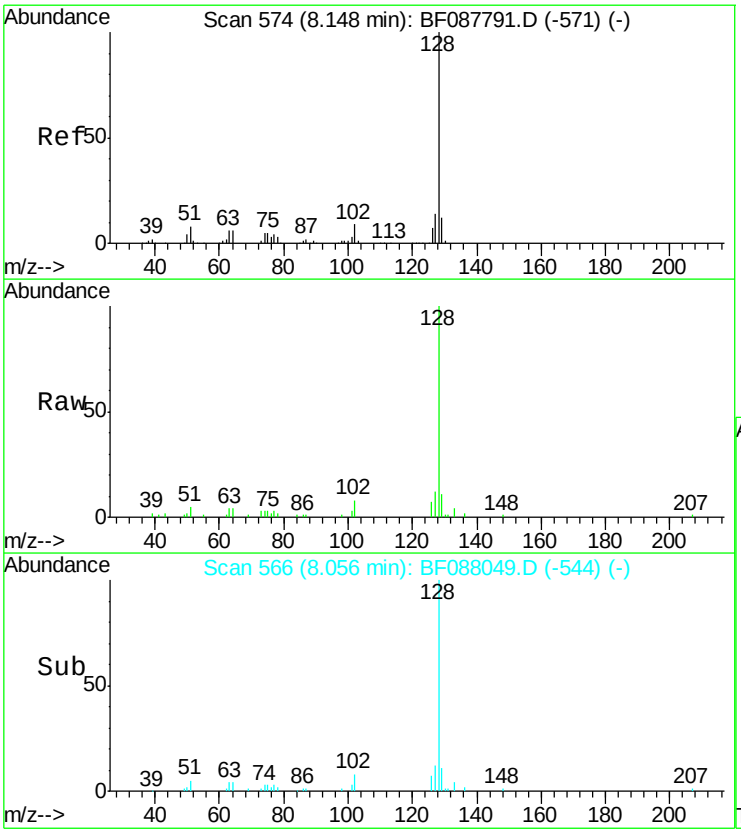
#23
Nitrobenzene-d5
Concen: 82.37 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion: 82 Resp: 606361

Ion	Ratio	Lower	Upper
82	100		
128	47.8	35.9	53.9
54	46.5	40.9	61.3

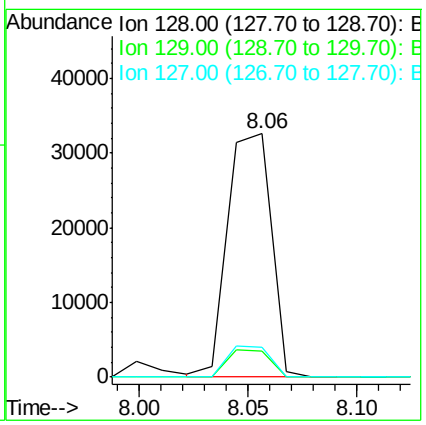


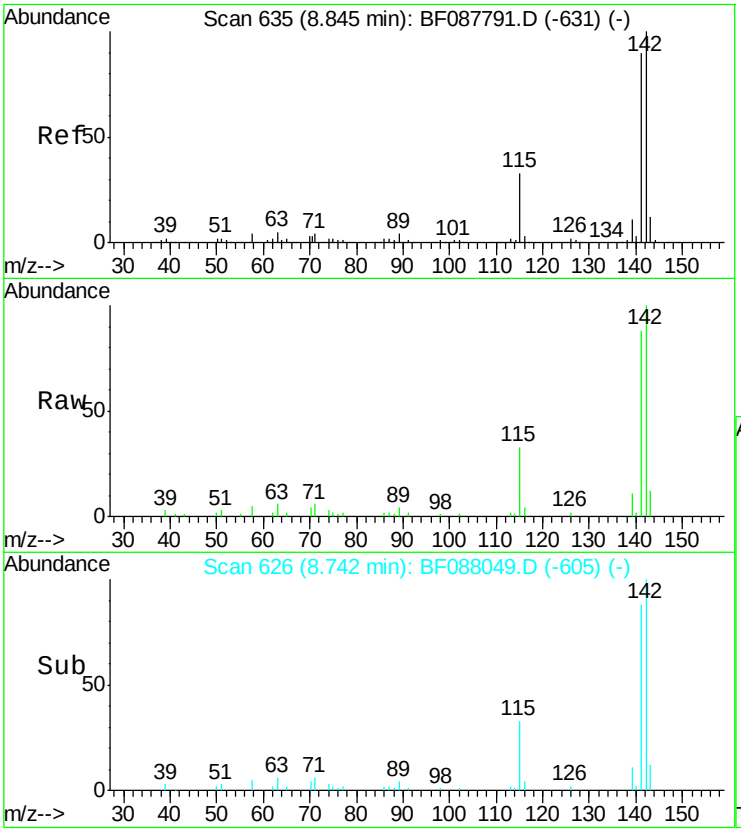


#31
Naphthalene
Concen: 2.13 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.05 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:128 Resp: 45393

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.2
127	12.0	10.9	16.3



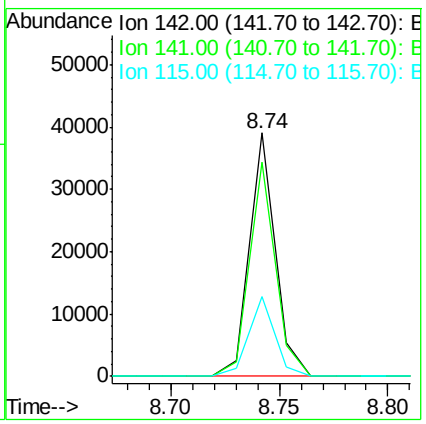


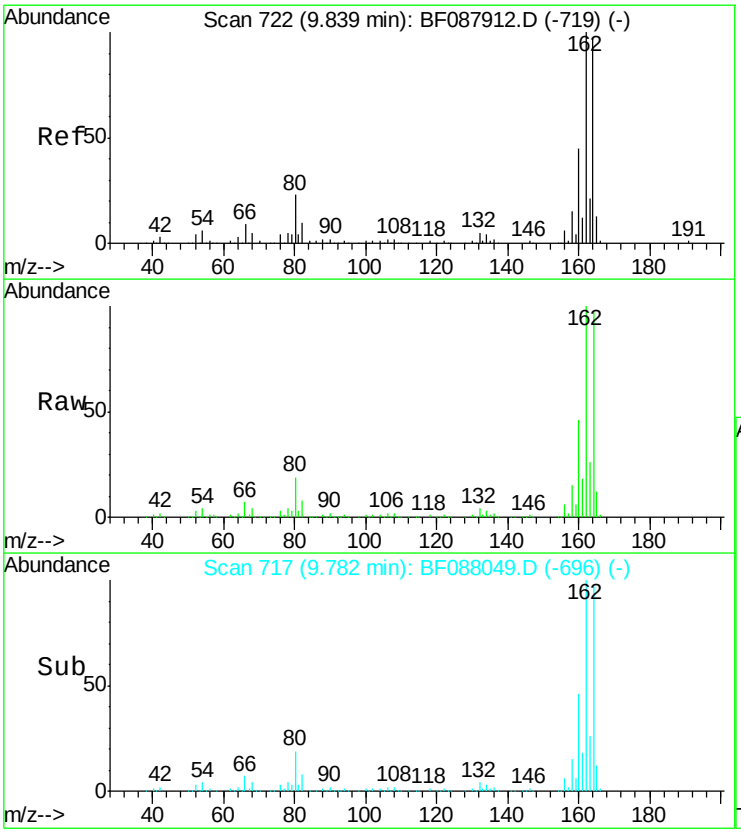
#37
2-Methylnaphthalene
Concen: 2.31 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:142 Resp: 32322

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6
115	32.7	22.6	33.8

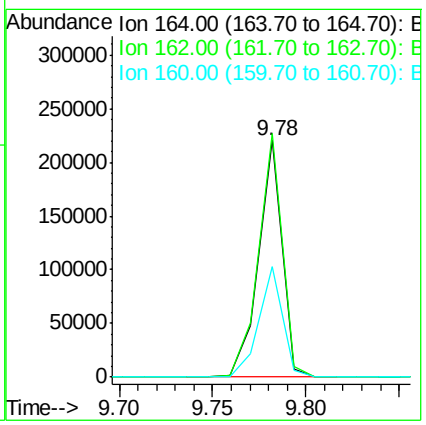


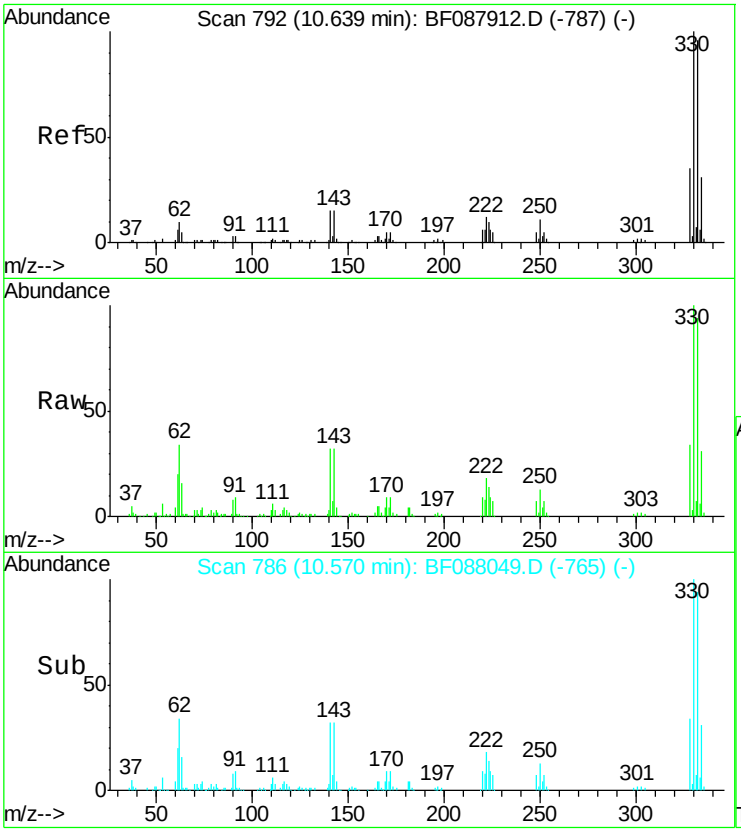


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:164 Resp: 190047

Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.4	128.2
160	46.9	39.5	59.3



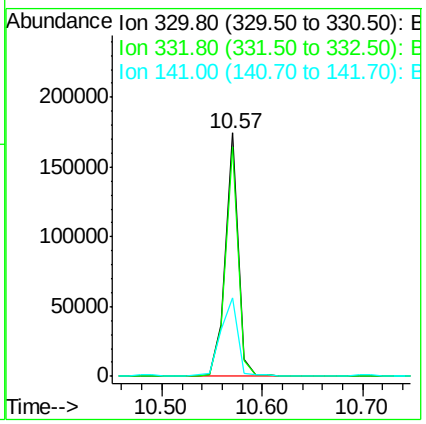


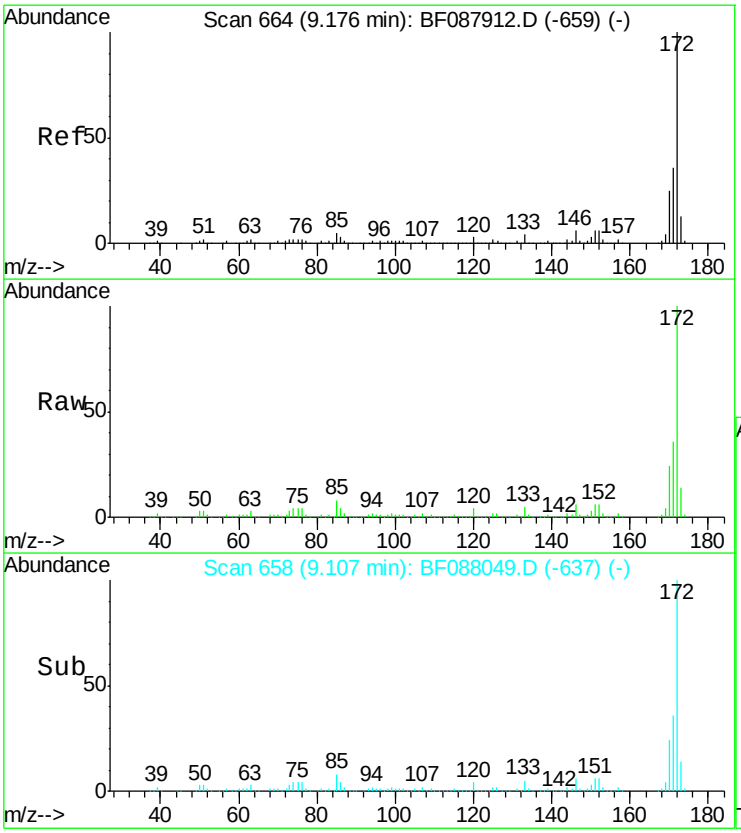
#41
2,4,6-Tribromophenol
Concen: 78.12 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:330 Resp: 156755

Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	43.3	0.0	0.0#

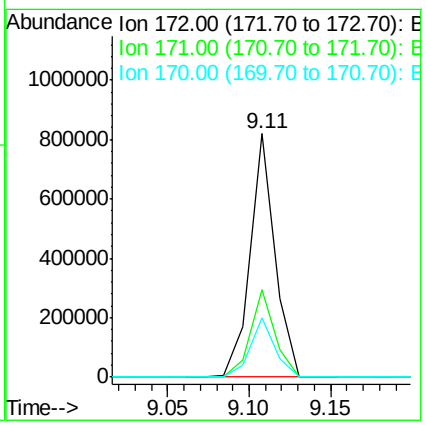


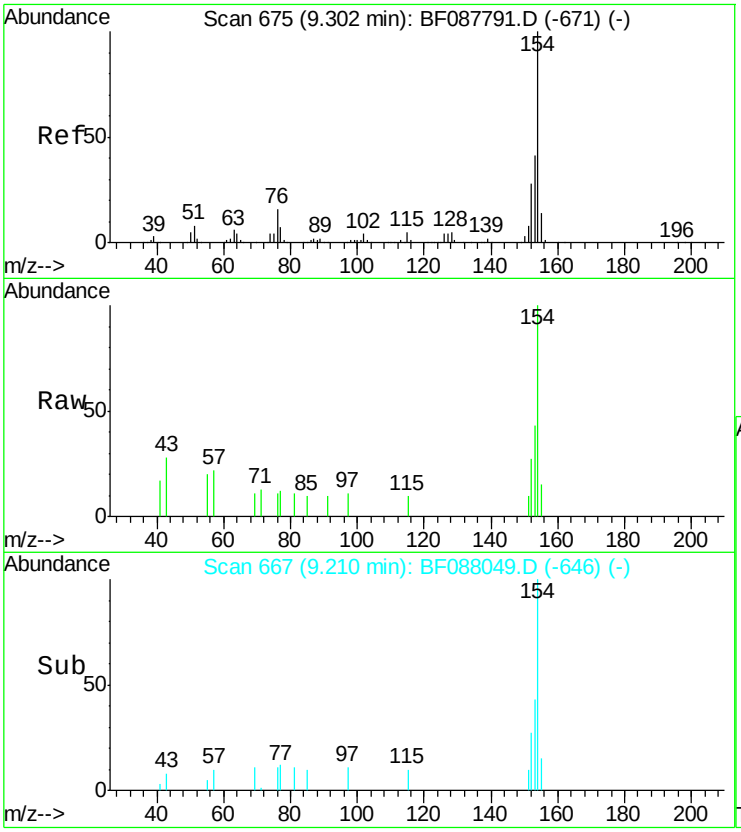


#44
2-Fluorobiphenyl
Concen: 70.65 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:172 Resp: 866072

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.2	19.2	28.8



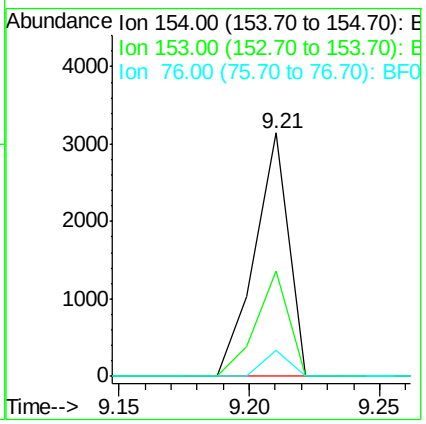


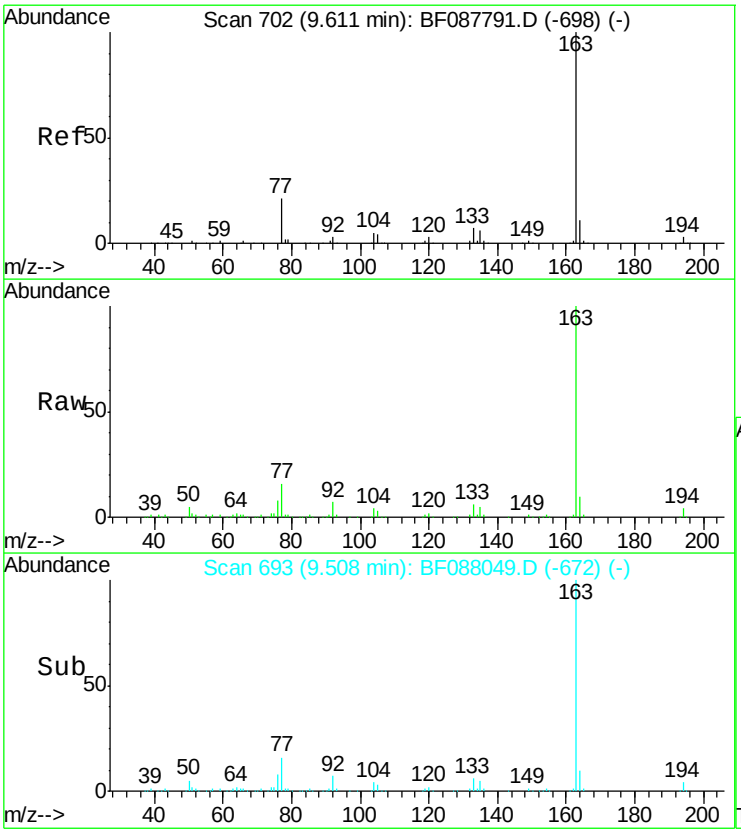
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.21 min Scan# 667
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:154 Resp: 2866

Ion	Ratio	Lower	Upper
154	100		
153	43.1	20.6	60.6
76	10.6	0.0	35.1

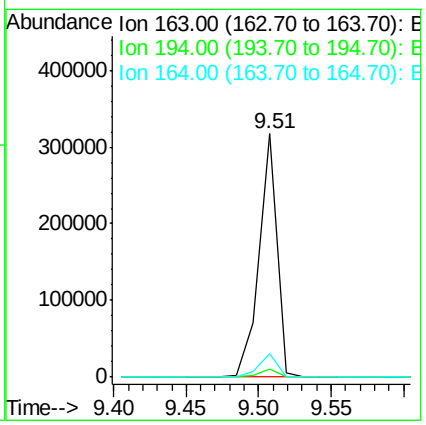


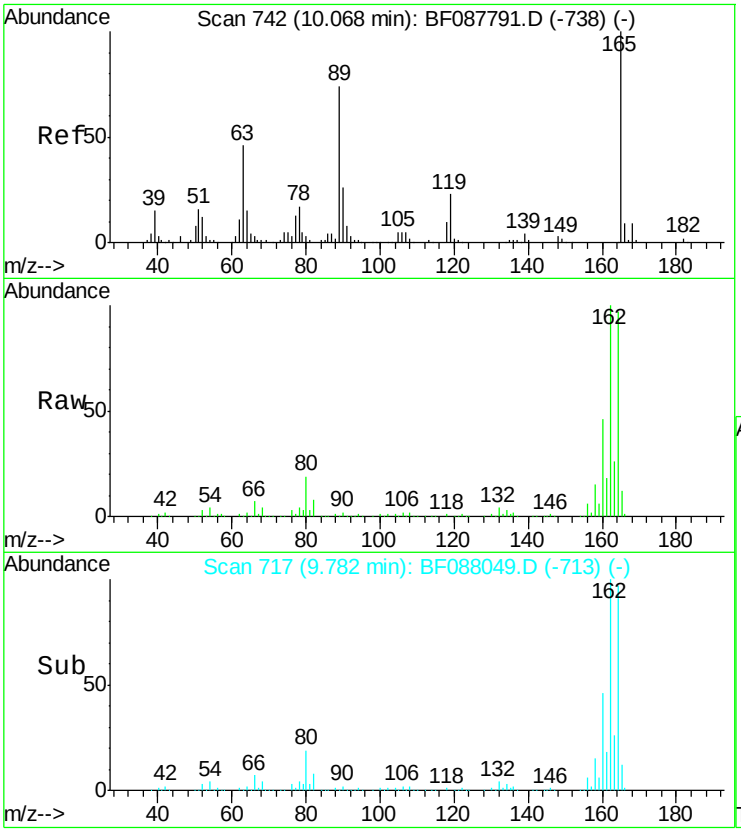


#49
Dimethylphthalate
Concen: 19.82 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:163 Resp: 272869

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.8	8.3	12.5



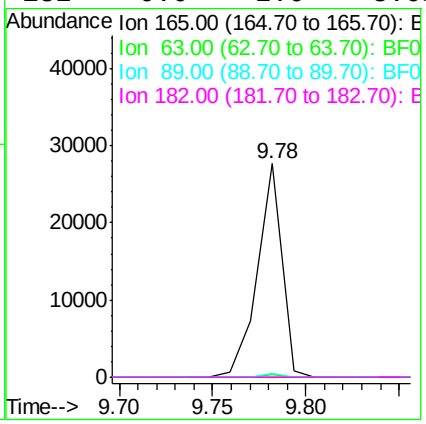


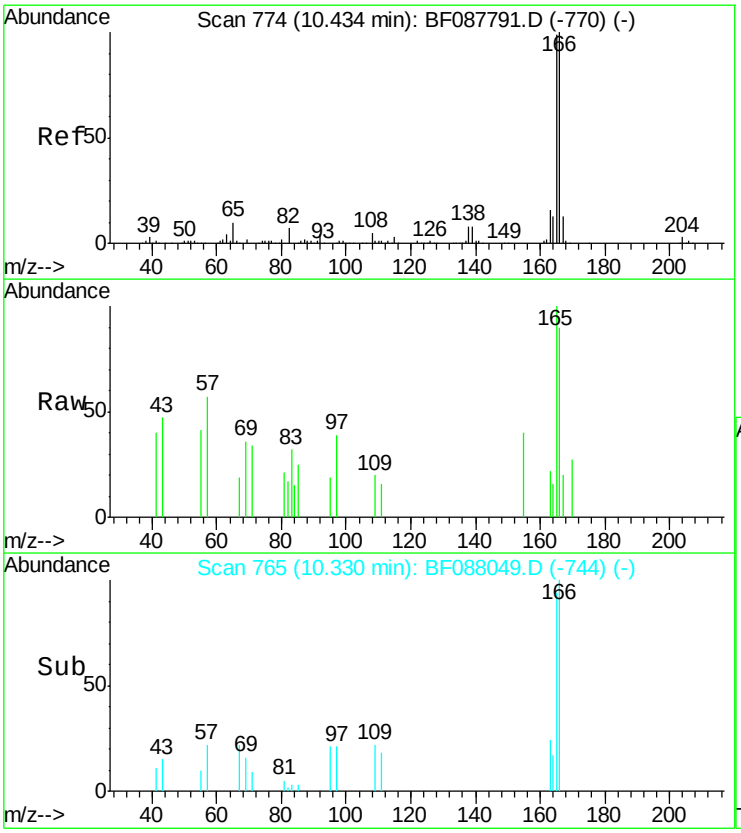
#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.25 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:165 Resp: 24937

Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

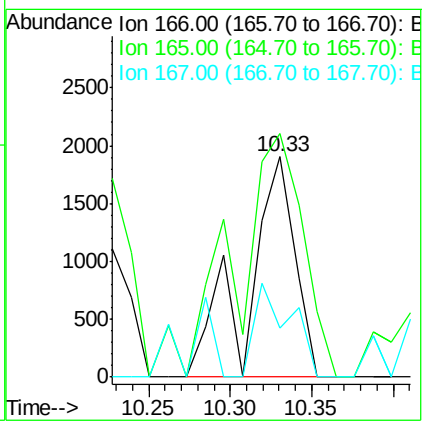


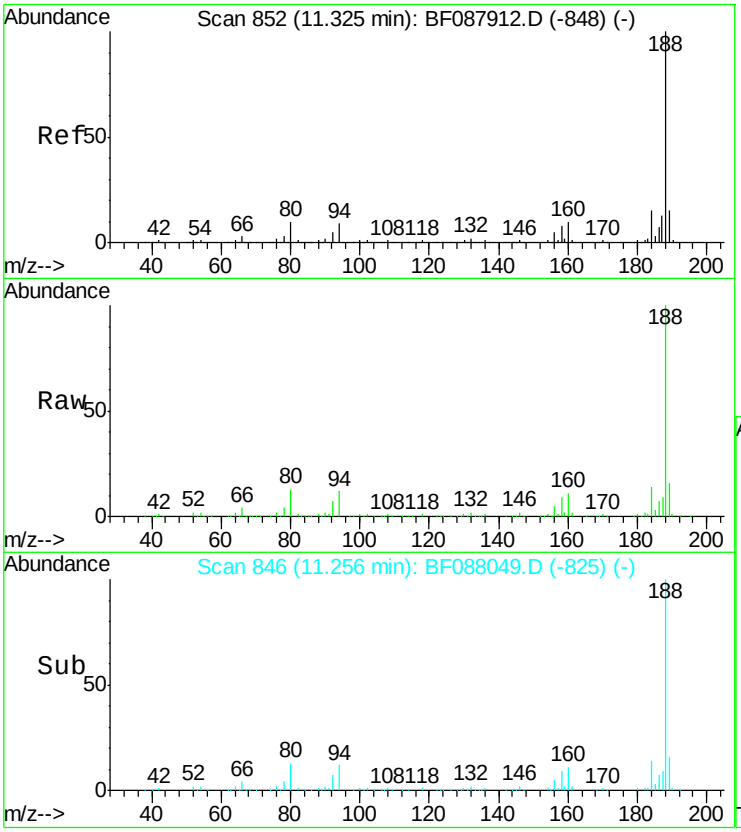


#57
Fluorene
Concen: Below Cal
RT: 10.33 min Scan# 765
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:166 Resp: 3837

Ion	Ratio	Lower	Upper
166	100		
165	110.6	77.8	116.8
167	22.3	11.2	16.8#



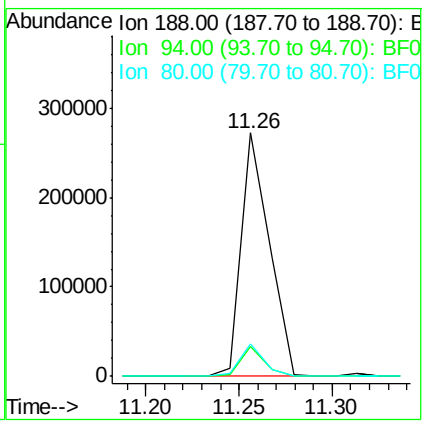


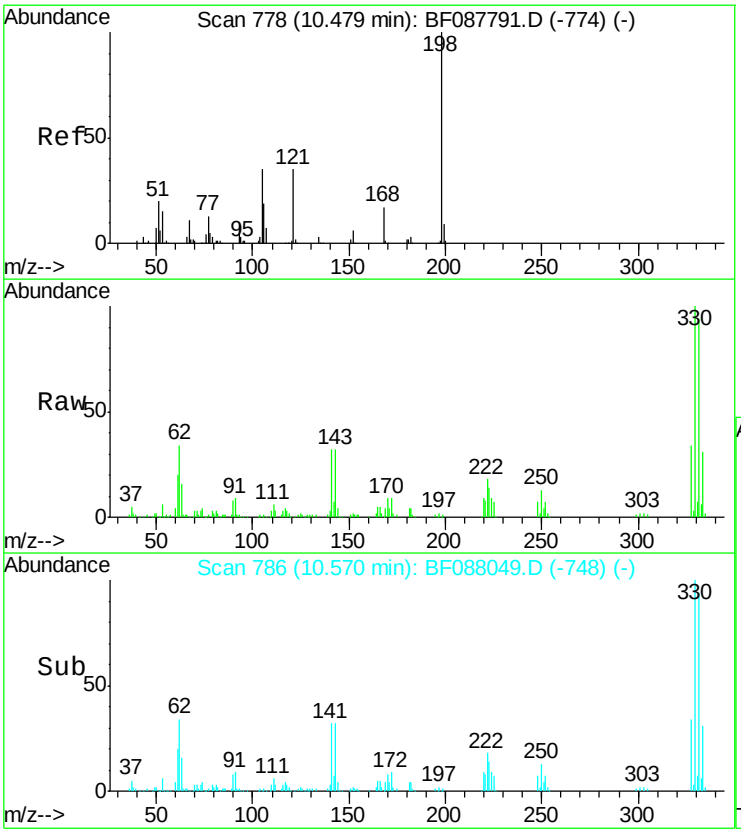
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:188 Resp: 285279

Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.0	13.6
80	13.5	10.0	15.0

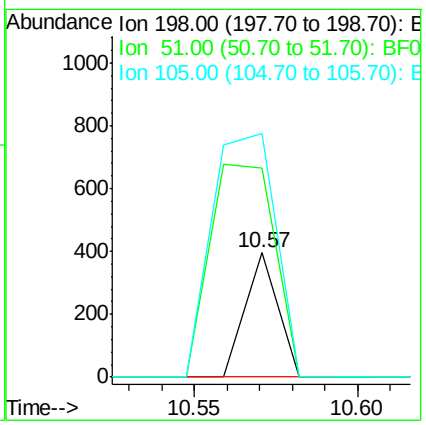


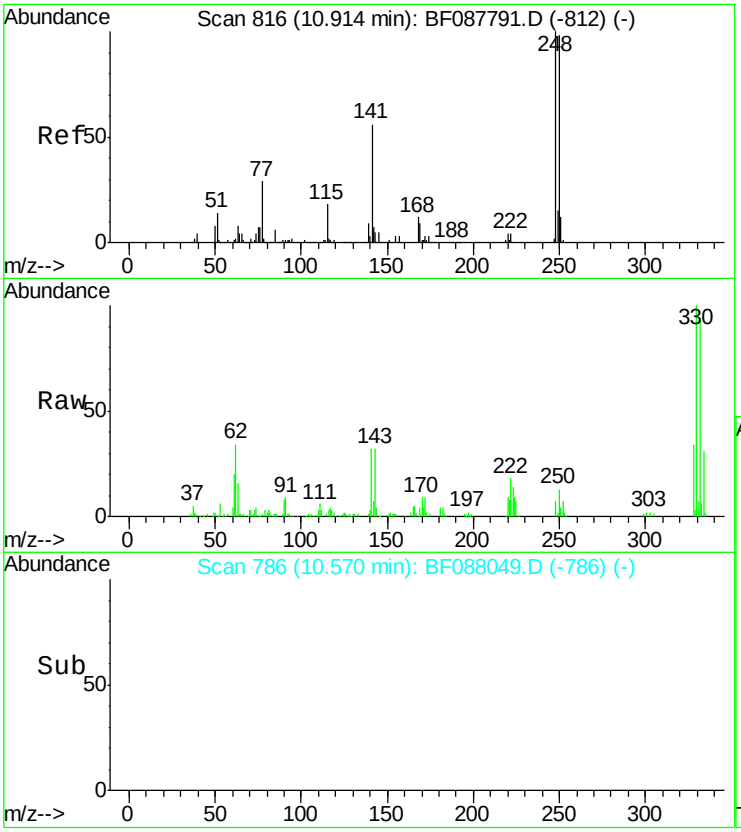


#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.14 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:198 Resp: 271

Ion	Ratio	Lower	Upper
198	100		
51	168.6	39.6	79.6#
105	196.2	36.6	76.6#



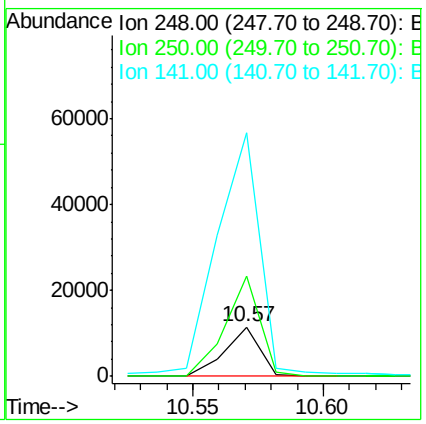


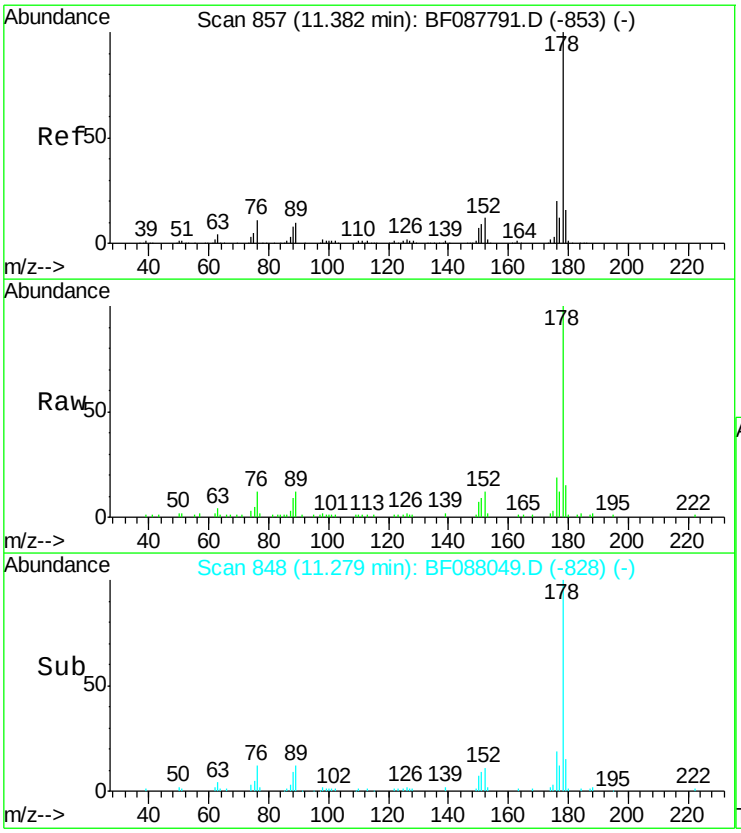
#66
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.30 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:248 Resp: 10849

Ion	Ratio	Lower	Upper
248	100		
250	202.2	77.1	115.7#
141	490.1	50.6	76.0#

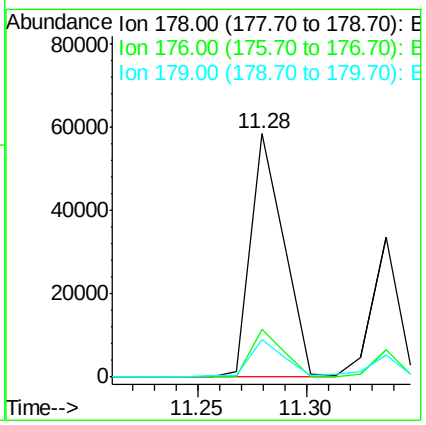


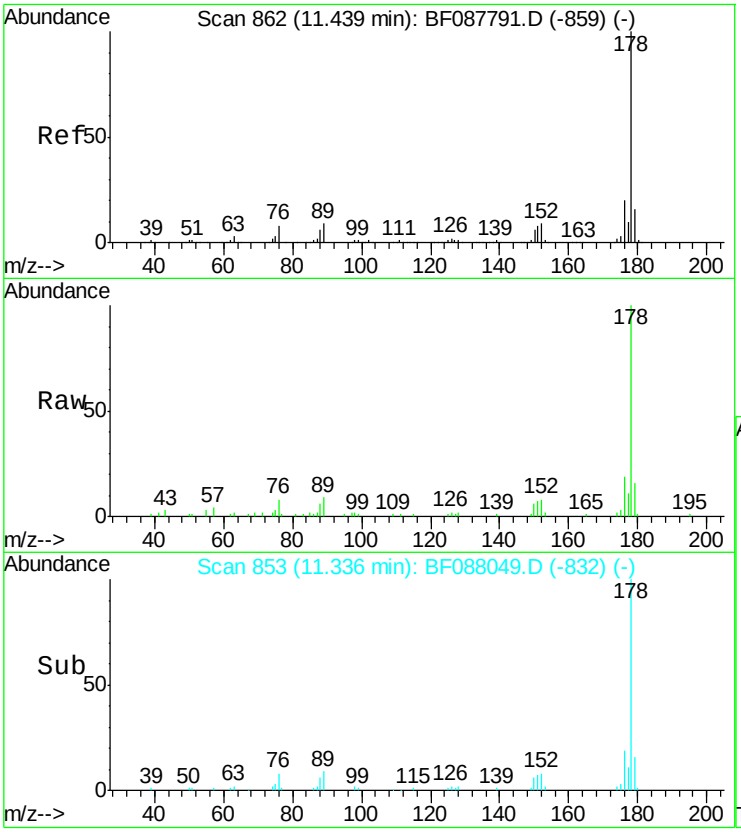


#70
Phenanthrene
Concen: 4.15 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.07 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:178 Resp: 62187

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.4	13.0	19.4



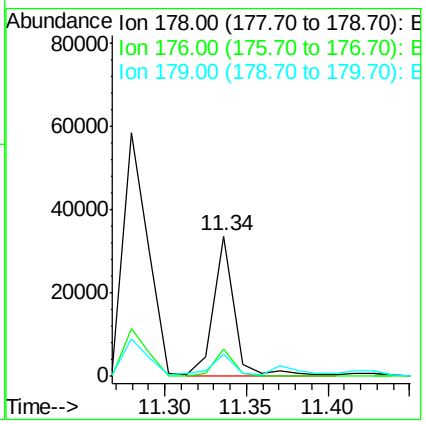


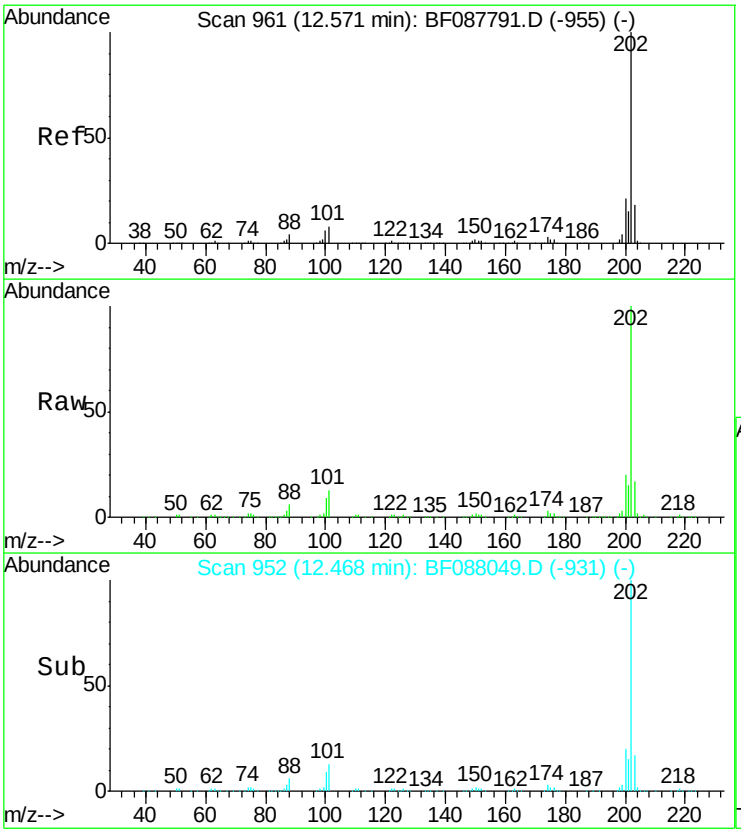
#71
Anthracene
Concen: 2.04 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:178 Resp: 30842

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.9	12.8	19.2

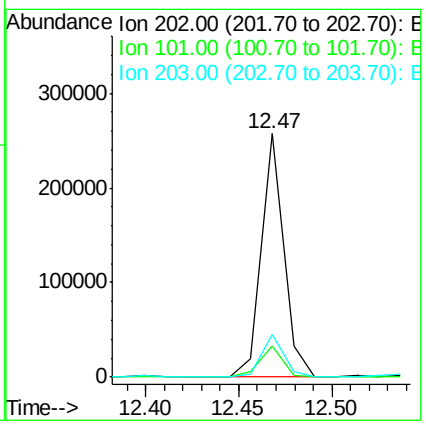


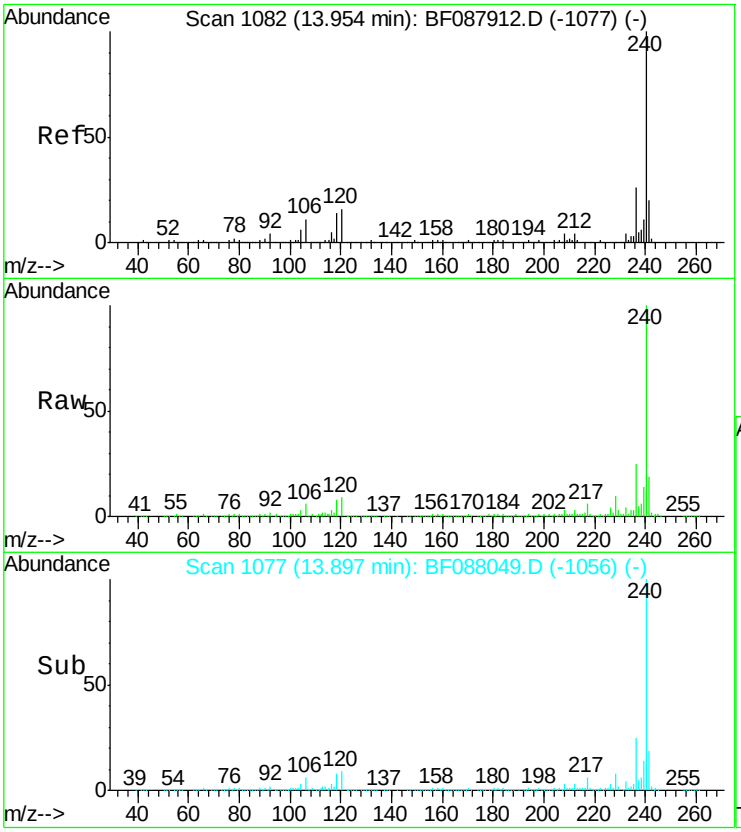


#74
Fluoranthene
Concen: 13.55 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:202 Resp: 214058

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.1
203	17.3	0.0	38.1



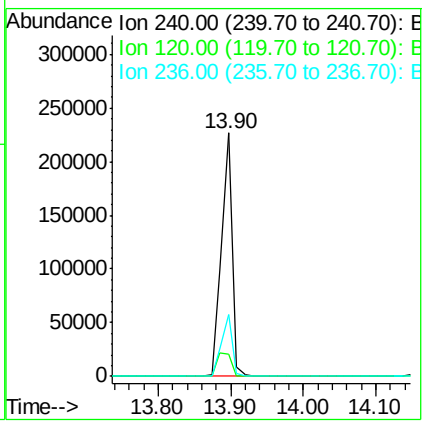


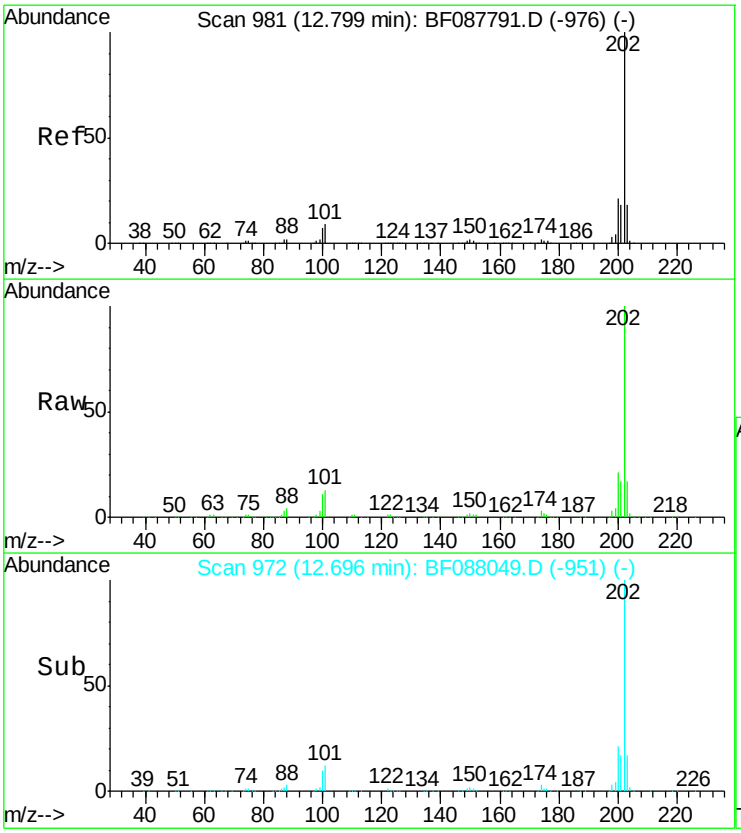
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:240 Resp: 233726

Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.8	10.2
236	25.3	20.2	30.2

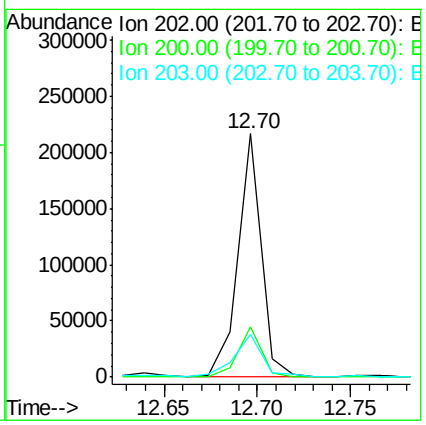


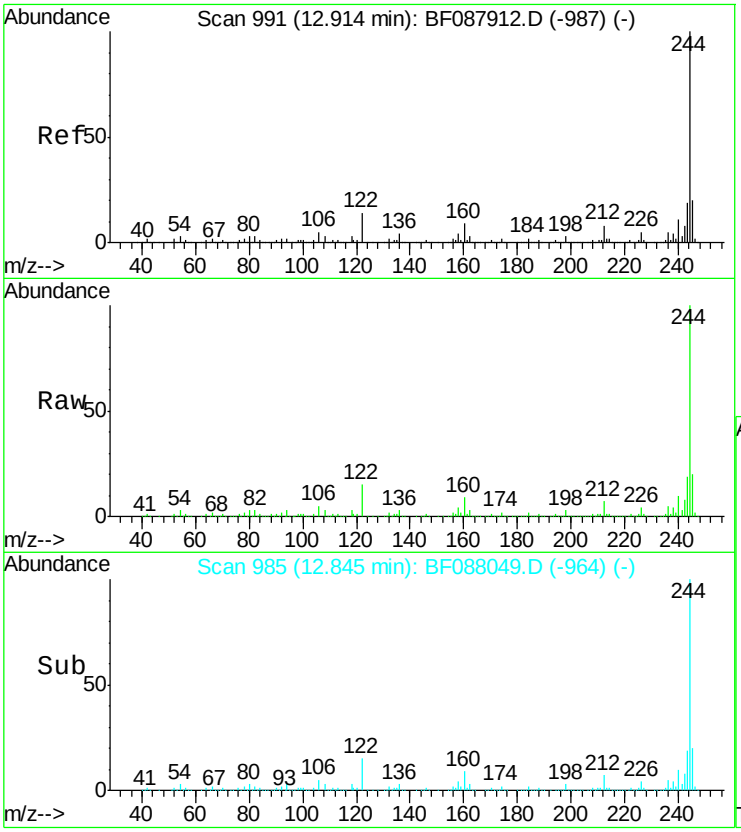


#77
Pyrene
Concen: 10.88 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:202 Resp: 188773

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.4	14.5	21.7



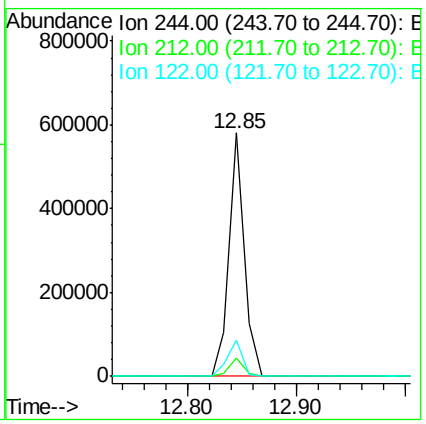


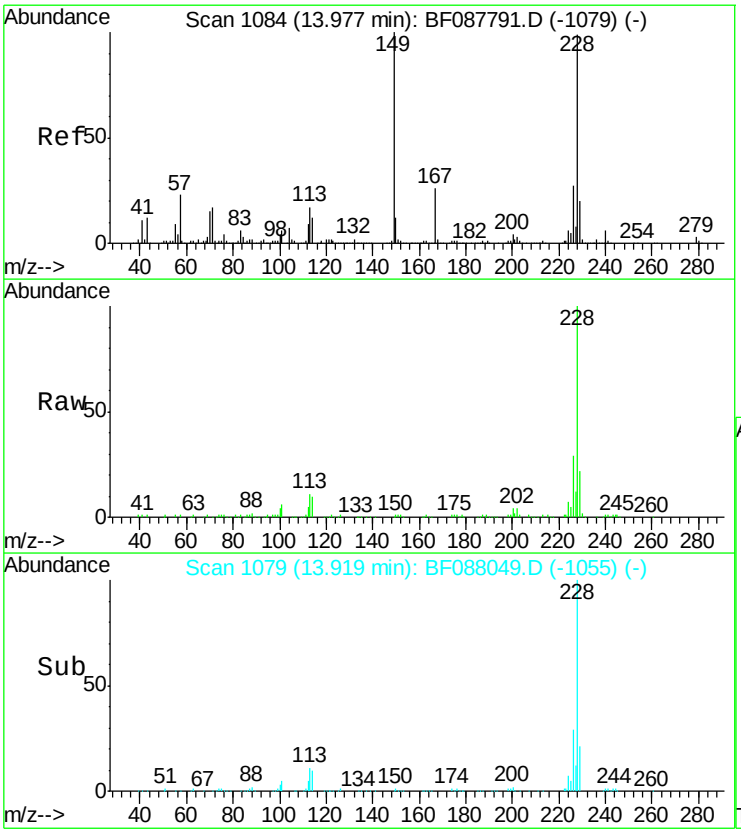
#78
Terphenyl-d14
Concen: 54.40 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:244 Resp: 558770

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.7	11.2	16.8

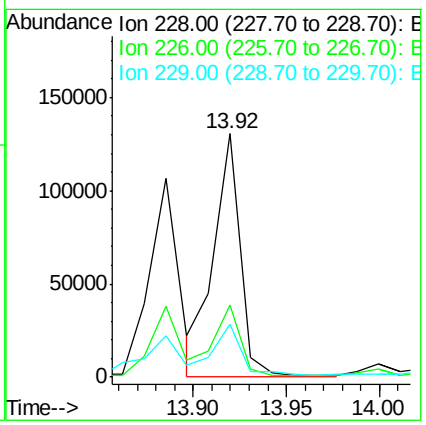


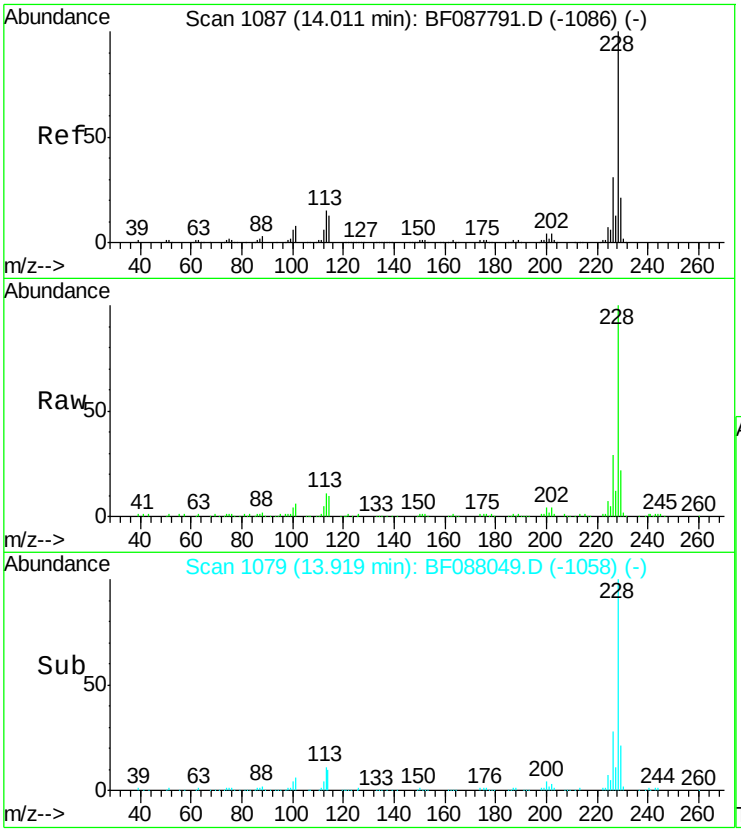


#80
Benzo(a)anthracene
Concen: 9.72 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:228 Resp: 129461

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.3	33.5
229	21.8	16.0	24.0



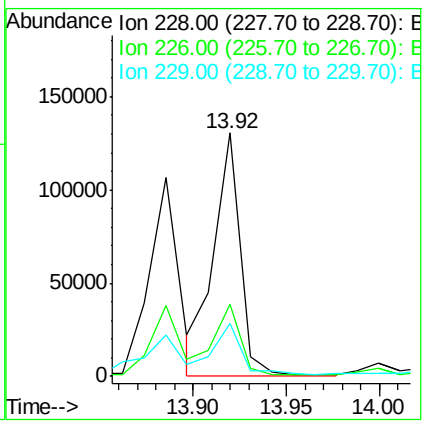


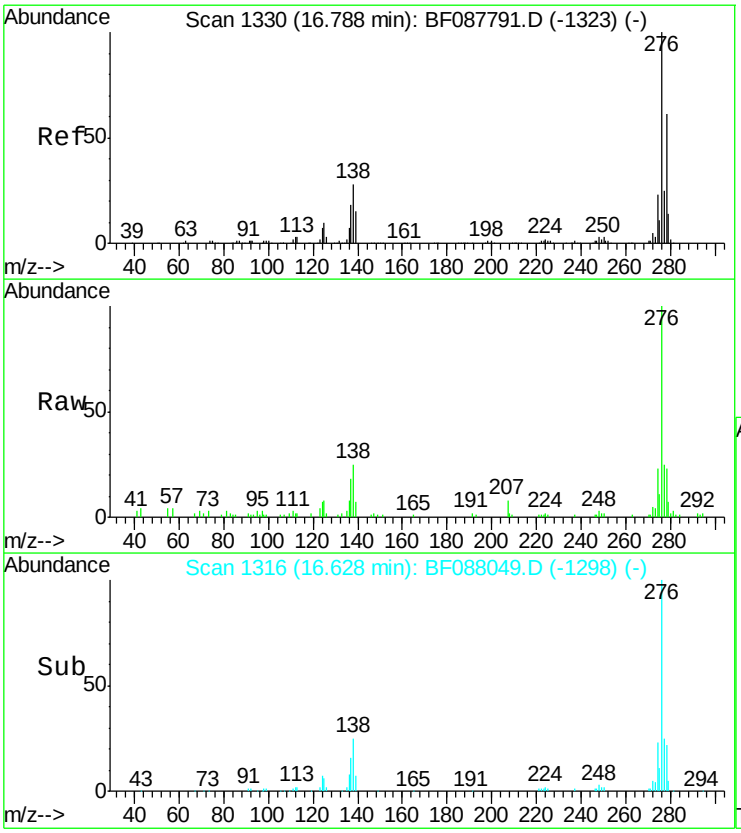
#82
Chrysene
Concen: 10.34 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:228 Resp: 129523

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.4	38.2
229	21.8	16.3	24.5

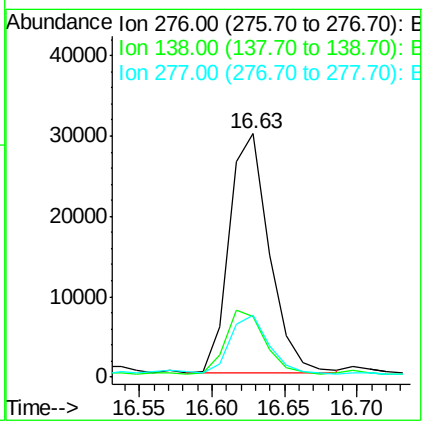


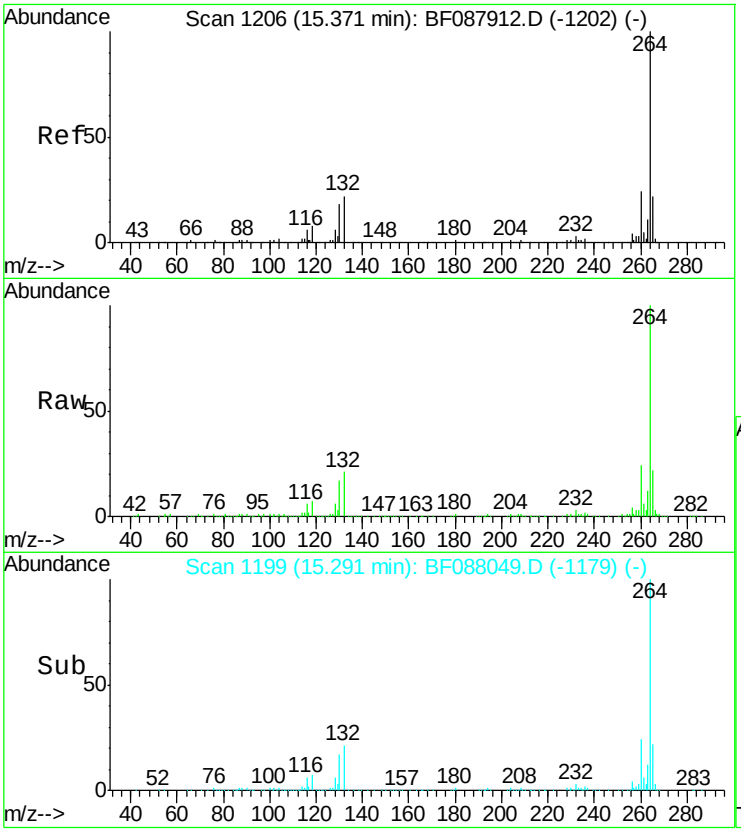


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.87 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.09 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:276 Resp: 56717

Ion	Ratio	Lower	Upper
276	100		
138	26.0	0.0	0.0#
277	26.6	0.0	0.0#



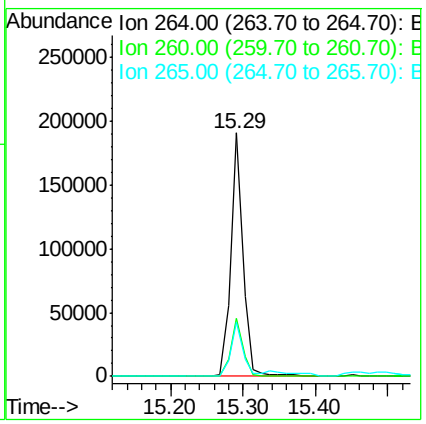


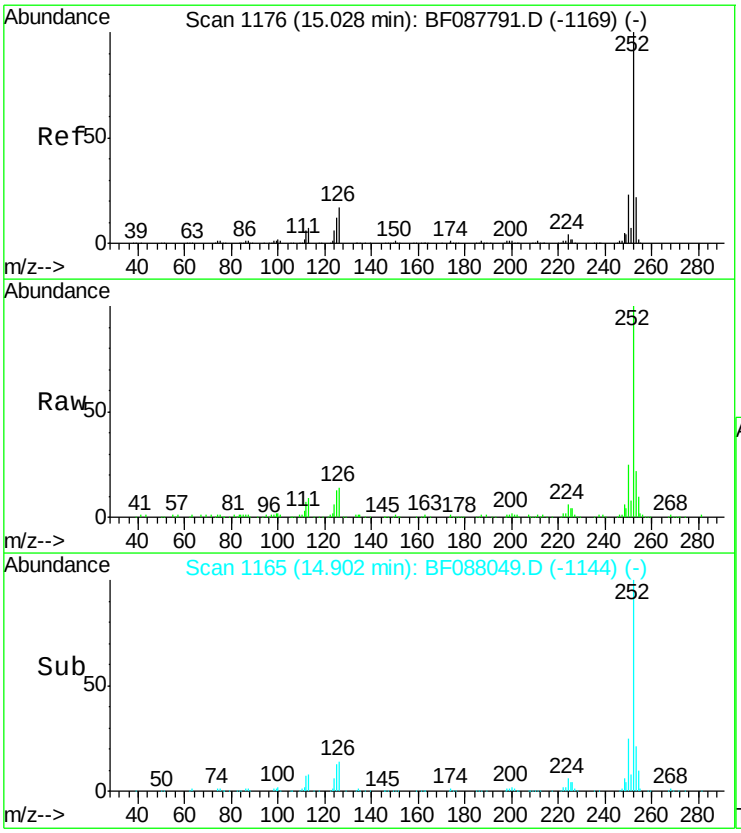
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.07 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:264 Resp: 223425

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.4	16.9	25.3

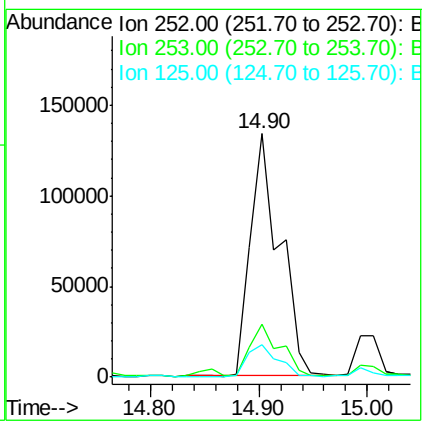


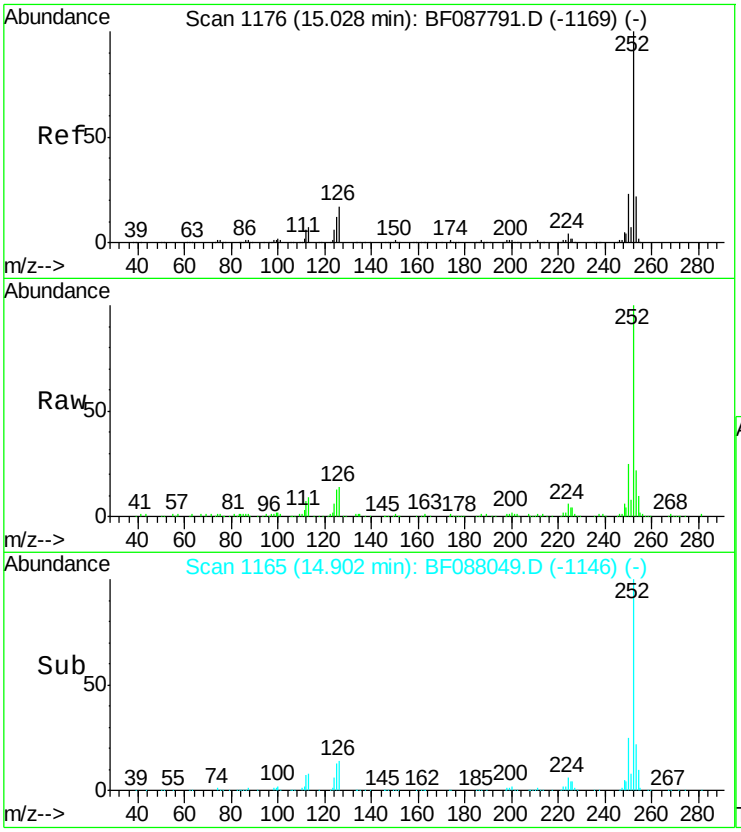


#87
Benzo(b)fluoranthene
Concen: 16.14 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.06 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:252 Resp: 251351

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	13.3	7.1	10.7#



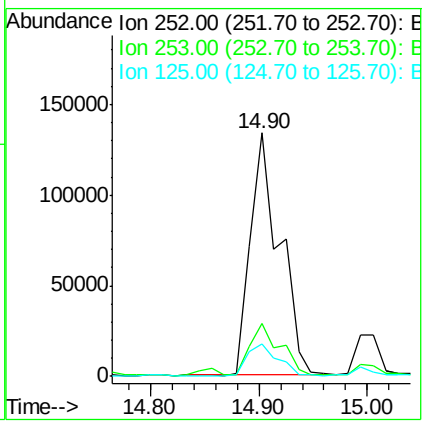


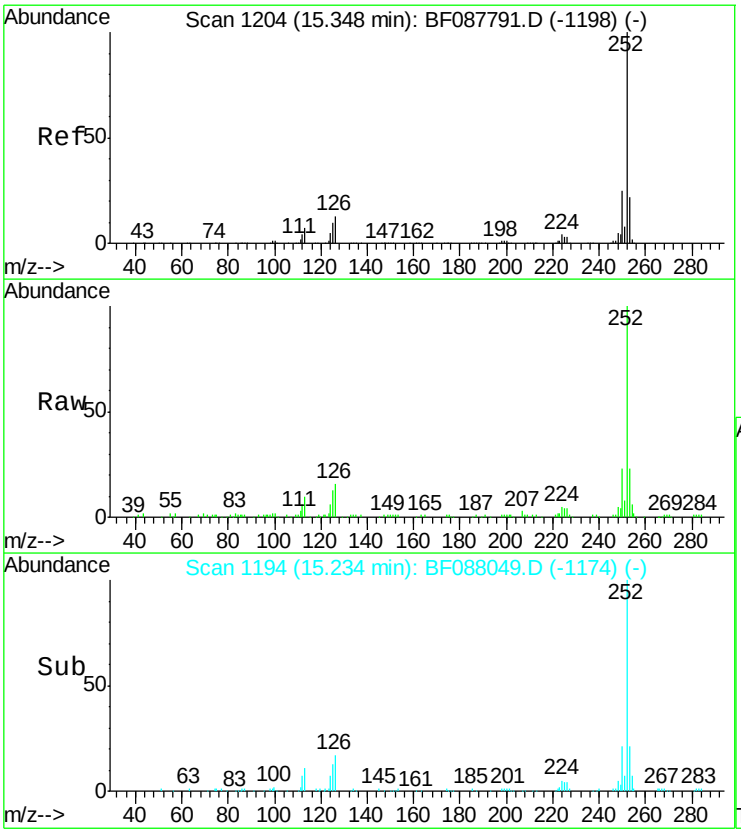
#88
Benzo(k)fluoranthene
Concen: 21.40 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.08 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:252 Resp: 251351

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	13.3	11.2	16.8

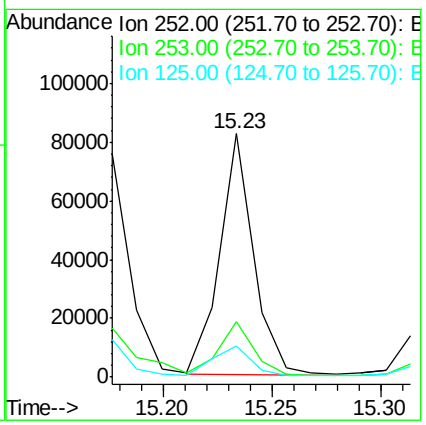


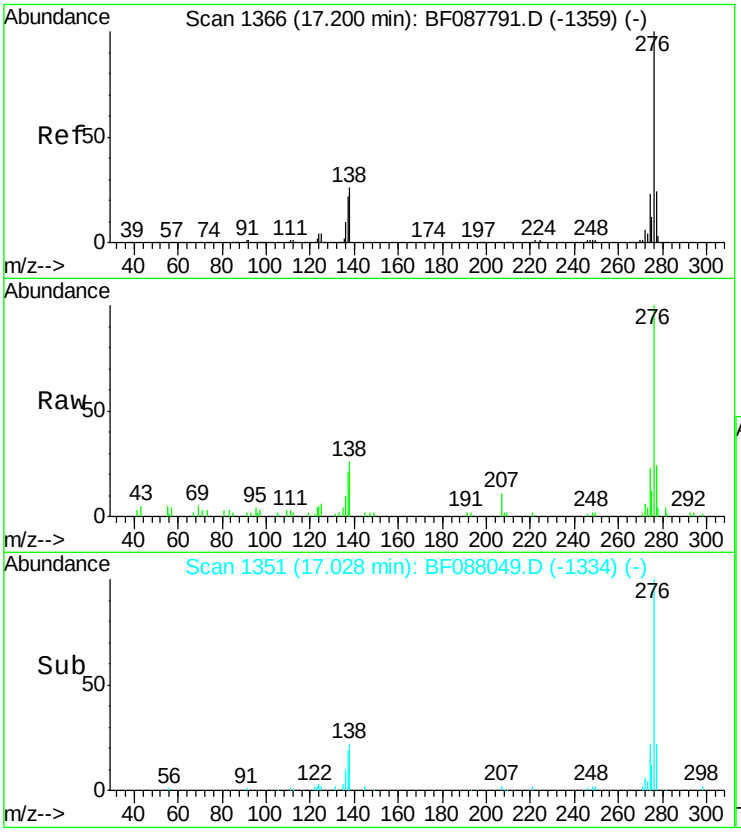


#89
Benzo(a)pyrene
Concen: 7.08 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.07 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Tgt Ion:252 Resp: 89175

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	12.8	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 3.97 ng
RT: 17.03 min Scan# 1351
Delta R.T. -0.10 min
Lab File: BF088049.D
Acq: 15 Jun 2016 22:34

Instrument :
BNA_F
ClientSampleId :
STA-1141-(0-4)

Tgt Ion:276 Resp: 47825

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	25.6	21.4	32.2