Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
Data File : BF085788.D
Acq On : 26 Mar 2016 3:53
Operator : UM/SJ
Sample : H1923-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-PG-D(0-6)

Quant Time: Mar 26 03:33:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	110539	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	373105	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	141531	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	220548	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	236110	20.00	ng		0.00
86) Perylene-d12	15.40	264	171301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	753302	113.50	ng		0.02
7) Phenol-d6	6.47	99	935884	110.90	ng		0.01
23) Nitrobenzene-d5	7.38	82	542553	81.89	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	141640	105.33	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	763265	90.10	ng		0.00
78) Terphenyl-d14	12.93	244	532334	46.37	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	16677	3.28	ng		87
19) n-Nitroso-di-n-propylamine	7.38	70	68890	13.63	ng	#	81
25) Isophorone	7.38	82	526848	41.28	ng	#	68
37) 2-Methylnaphthalene	8.82	142	1114	Below Cal		#	90
49) Dimethylphthalate	9.58	163	131979	12.29	ng	#	98
56) 2,4-Dinitrotoluene	9.86	165	18130	6.17	ng	#	38
66) 4-Bromophenyl-phenylether	10.65	248	9435	4.18	ng	#	1
70) Phenanthrene	11.36	178	32100	2.83	ng		99
74) Fluoranthene	12.55	202	76118	6.32	ng		97
77) Pyrene	12.78	202	76011	3.92	ng		99
80) Benzo(a)anthracene	13.97	228	34541	2.57	ng		92
82) Chrysene	14.00	228	44786	3.30	ng		97
83) Bis(2-ethylhexyl)phthalate	13.96	149	181129	18.61	ng		99
87) Benzo(b)fluoranthene	15.00	252	70883	6.57	ng		97
88) Benzo(k)fluoranthene	15.00	252	70883	7.29	ng	#	94
89) Benzo(a)pyrene	15.34	252	29936	3.12	ng	#	94
91) Benzo(g,h,i)perylene	17.20	276	21053	2.34	ng		94

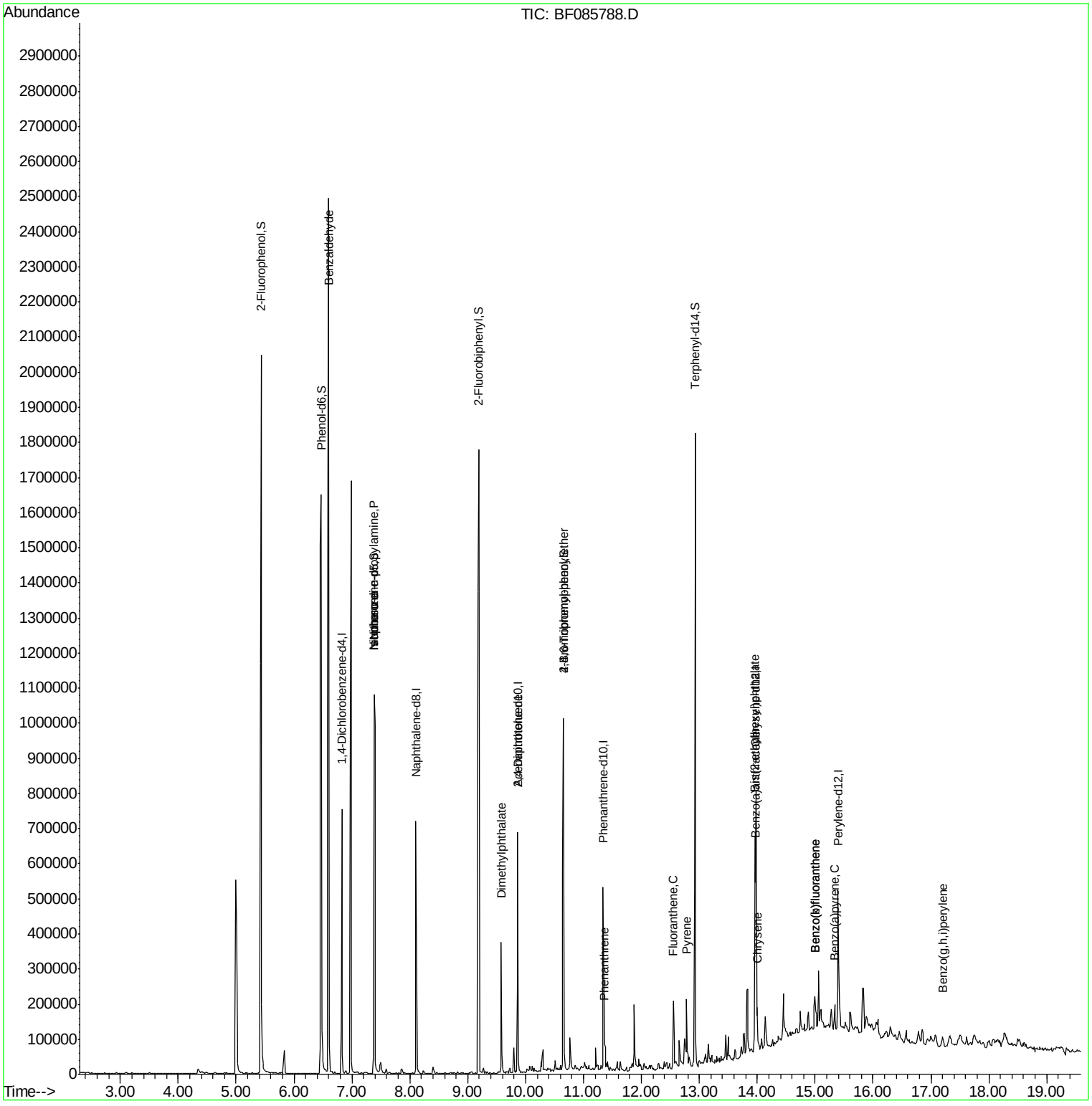
(#) = qualifier out of range (m) = manual integration (+) = signals summed

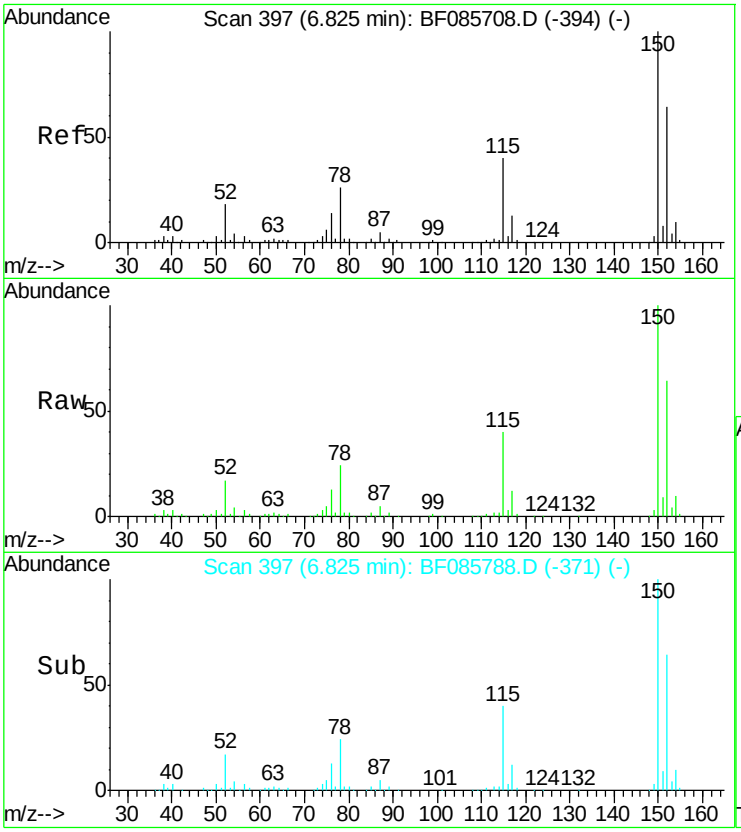
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
Data File : BF085788.D
Acq On : 26 Mar 2016 3:53
Operator : UM/SJ
Sample : H1923-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Quant Time: Mar 26 03:33:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration



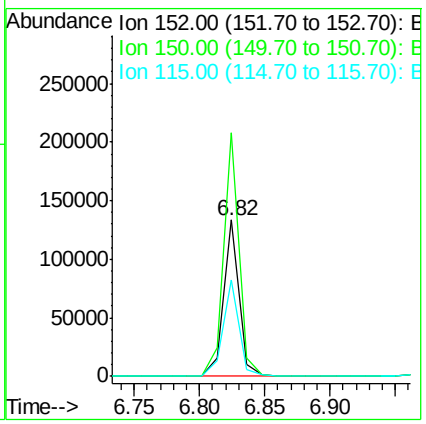


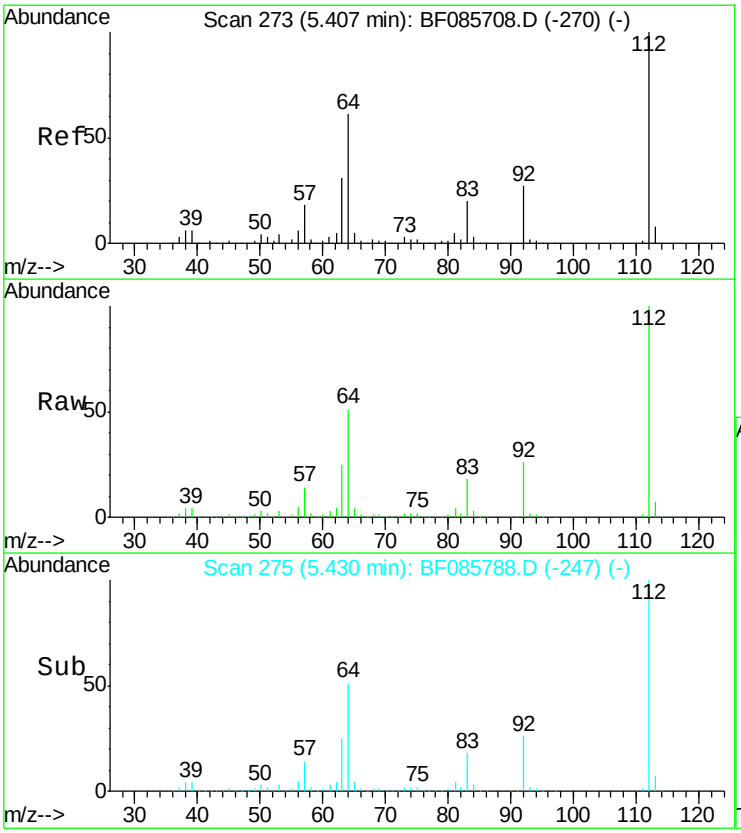
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion:152 Resp: 110539

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	62.1	47.0	70.6

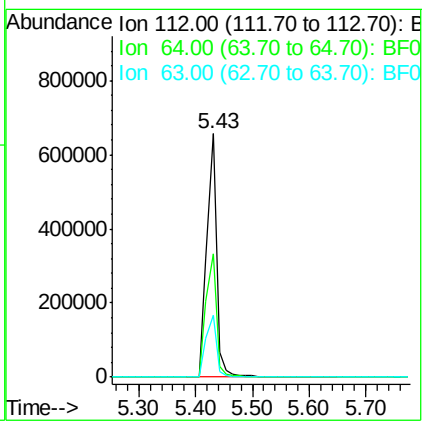


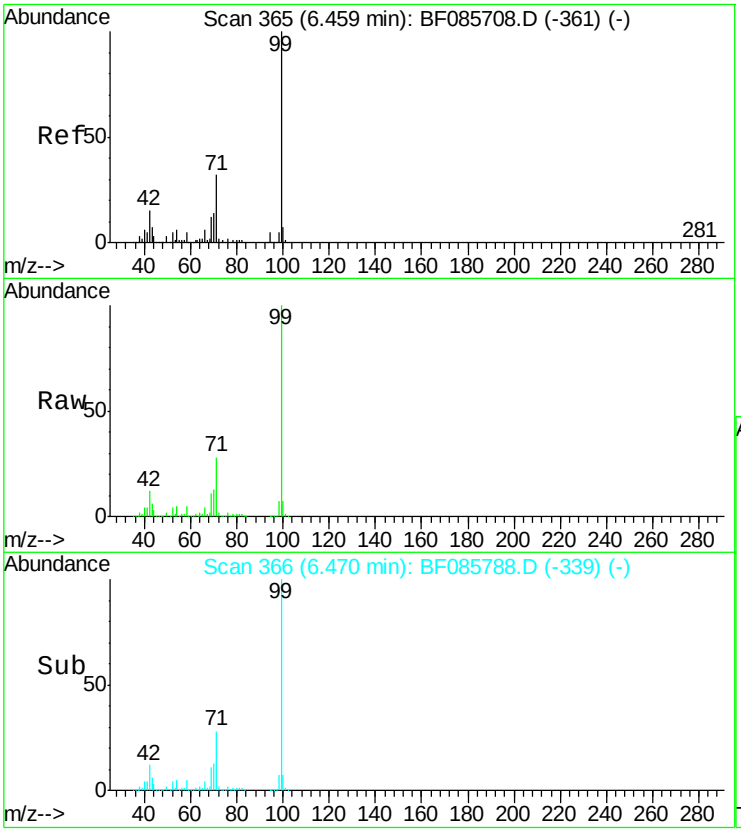


#5
2-Fluorophenol
Concen: 113.50 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion:112 Resp: 753302

Ion	Ratio	Lower	Upper
112	100		
64	50.5	39.9	59.9
63	25.5	20.2	30.2



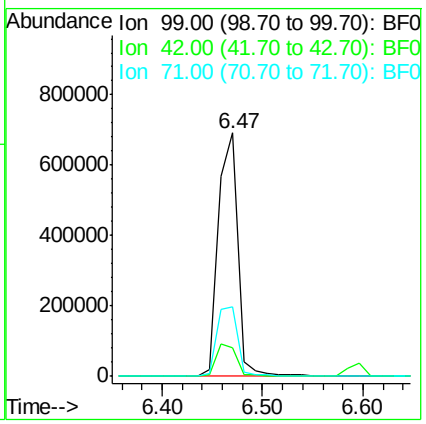


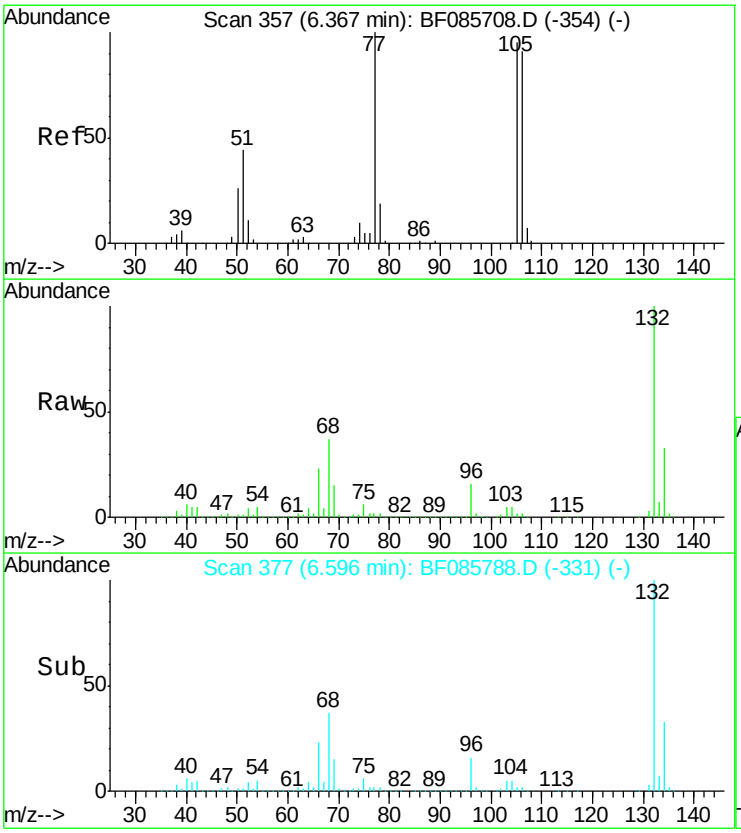
#7
Phenol-d6
Concen: 110.90 ng
RT: 6.47 min Scan# 366
Delta R.T. 0.01 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion: 99 Resp: 935884

Ion	Ratio	Lower	Upper
99	100		
42	11.6	11.1	16.7
71	28.4	24.9	37.3

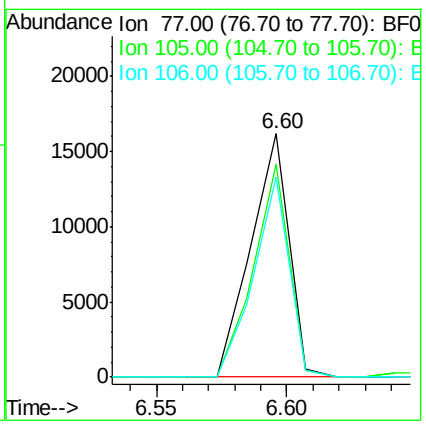


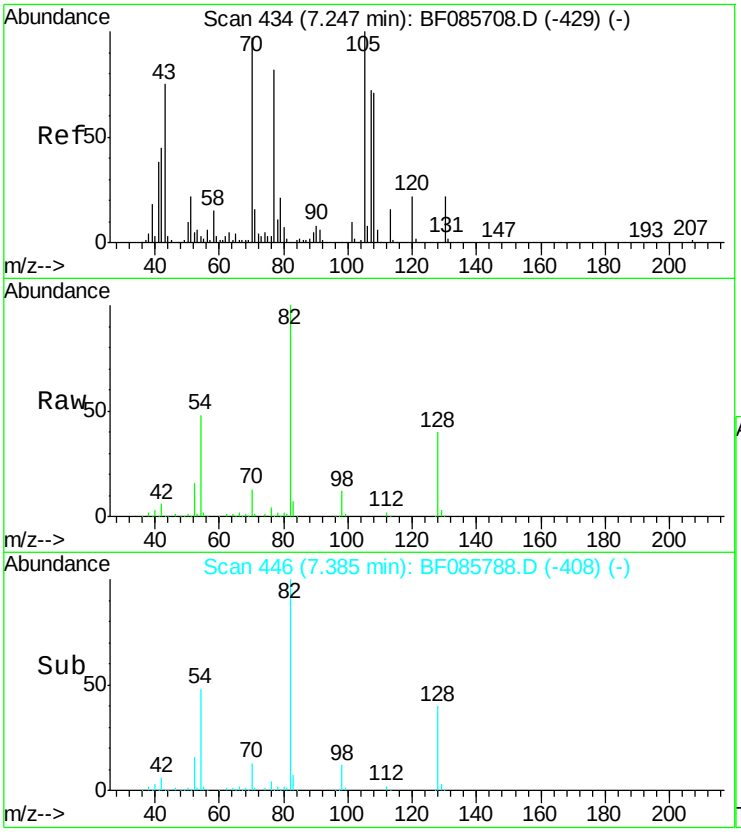


#9
Benzaldehyde
Concen: 3.28 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.23 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion: 77 Resp: 16677

Ion	Ratio	Lower	Upper
77	100		
105	87.6	80.1	120.1
106	82.1	75.0	115.0



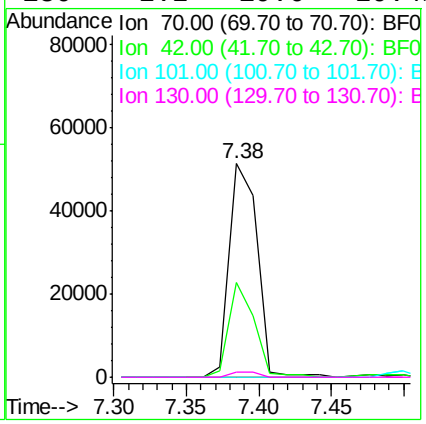


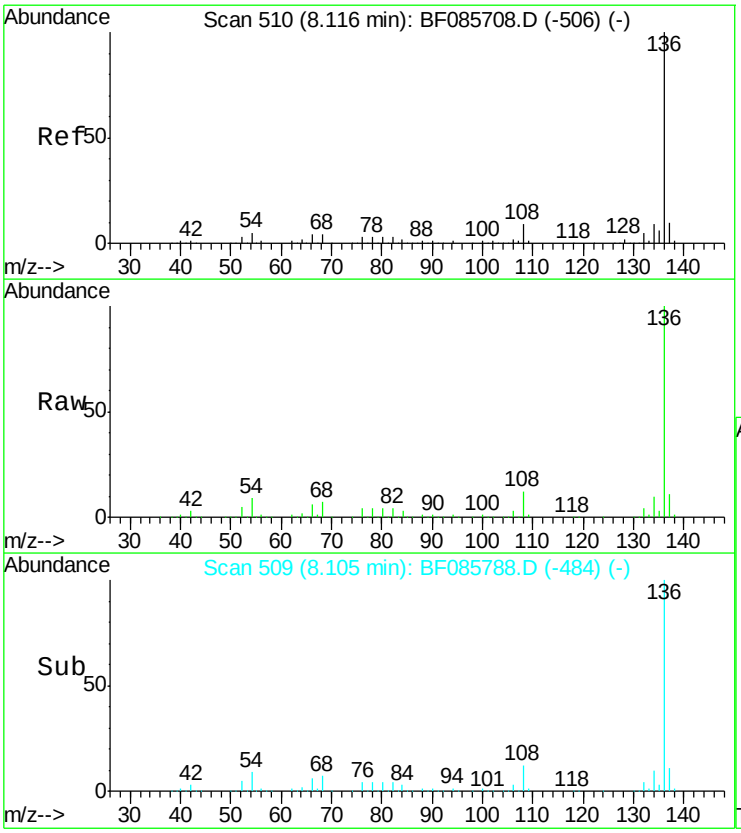
#19
n-Nitroso-di-n-propylamine
Concen: 13.63 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion: 70 Resp: 68890

Ion	Ratio	Lower	Upper
70	100		
42	44.4	37.1	55.7
101	0.0	8.6	12.8#
130	2.2	19.6	29.4#

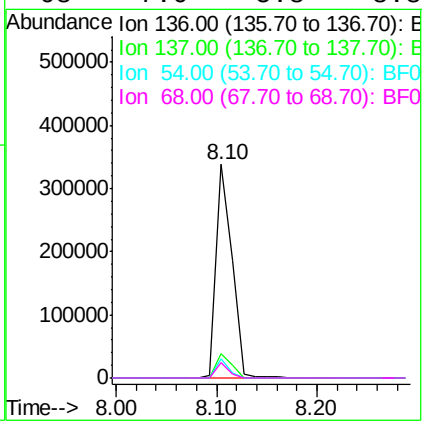


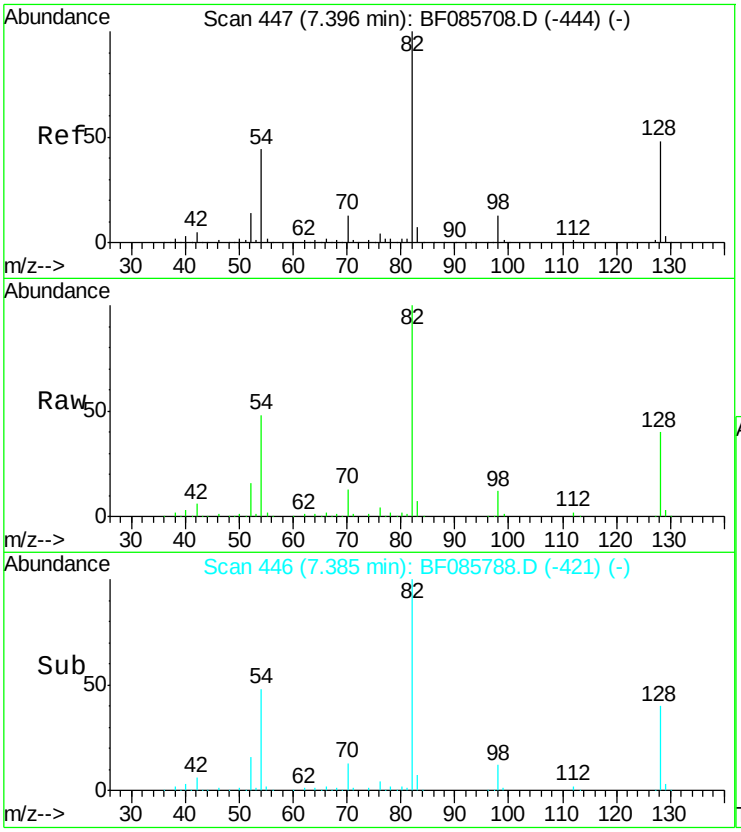


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion:136 Resp: 373105

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.9	7.4	11.0
68	7.0	5.8	8.8



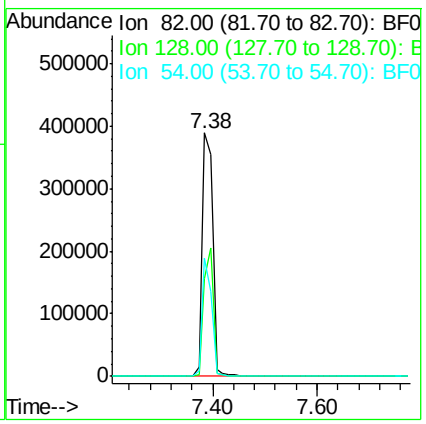


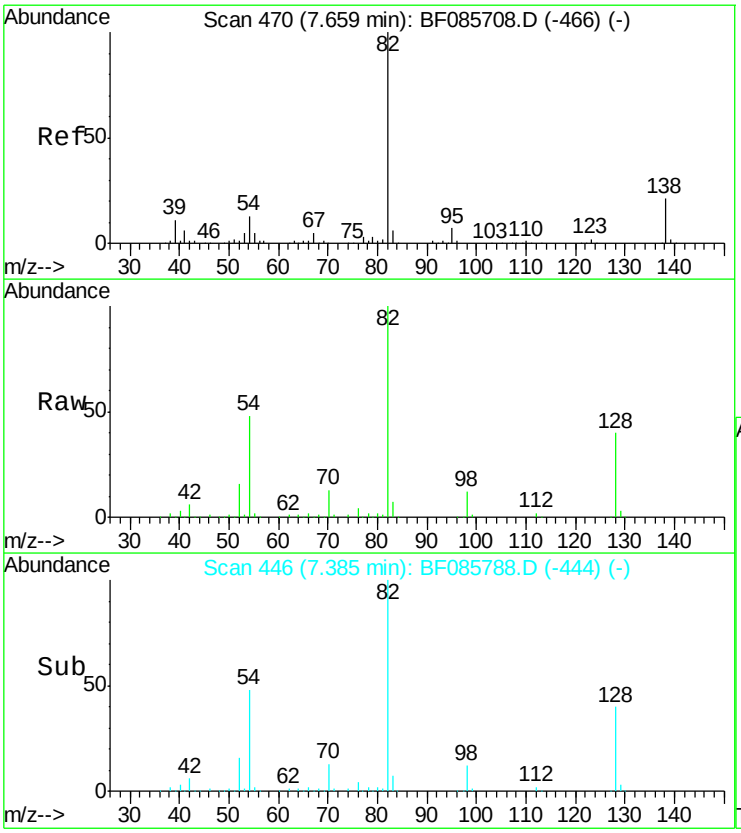
#23
Nitrobenzene-d5
Concen: 81.89 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion: 82 Resp: 542553

Ion	Ratio	Lower	Upper
82	100		
128	39.9	41.8	62.8#
54	48.4	33.4	50.0

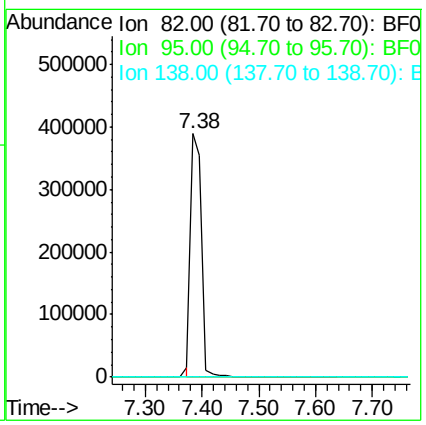


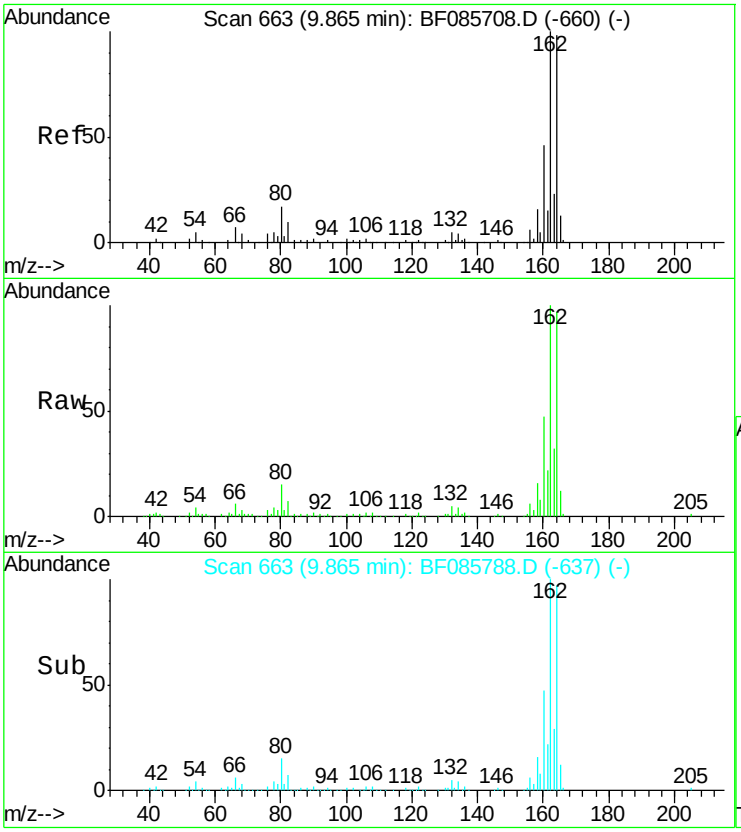


#25
Isophorone
Concen: 41.28 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.27 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion: 82 Resp: 526848

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



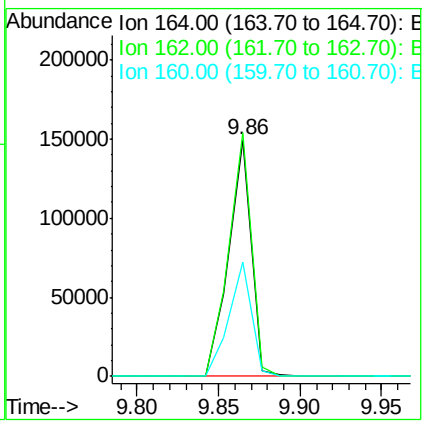


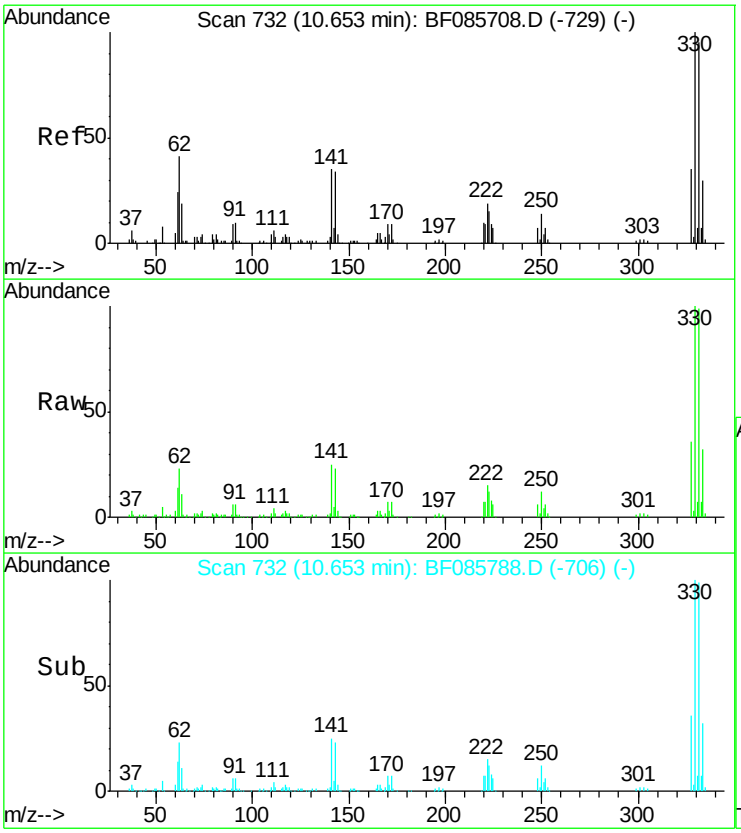
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion:164 Resp: 141531

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.1	123.1
160	48.2	37.4	56.2

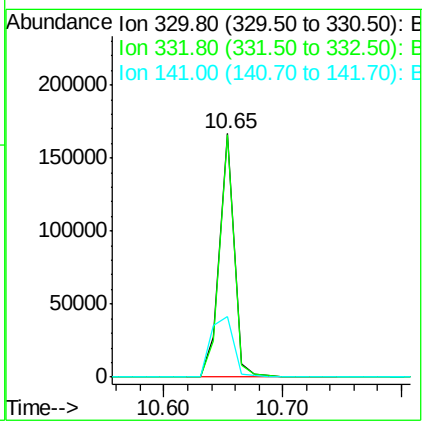


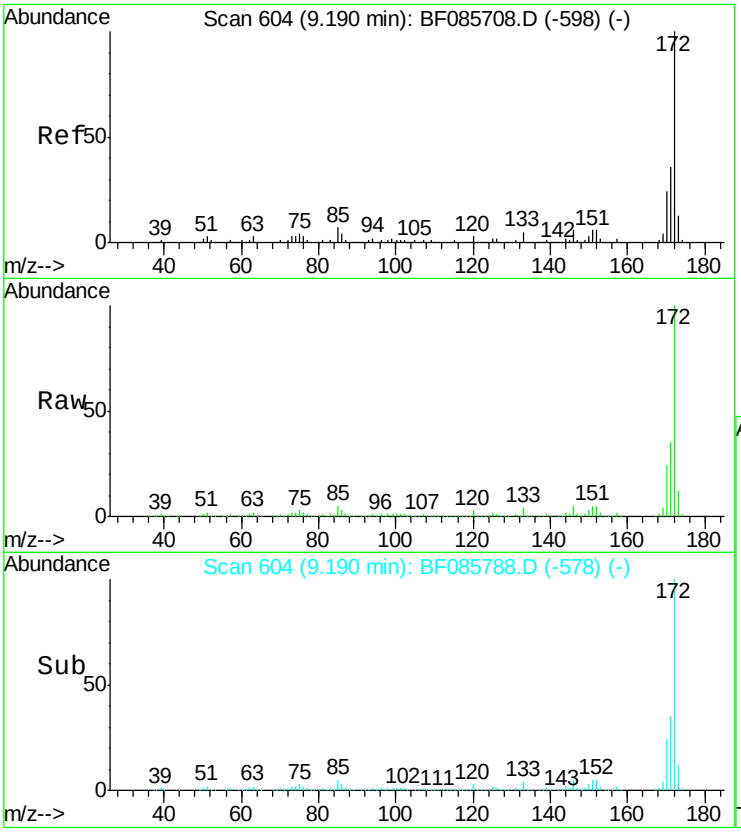


#41
2,4,6-Tribromophenol
Concen: 105.33 ng
RT: 10.65 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion:330 Resp: 141640

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.2
141	39.3	31.5	47.3



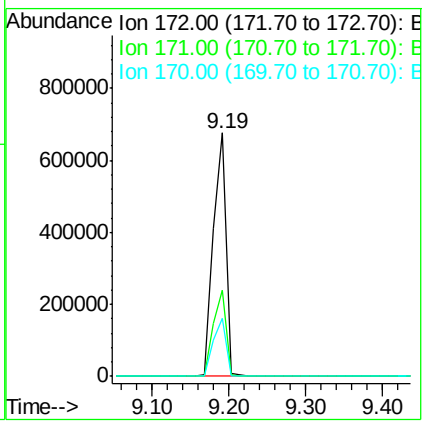


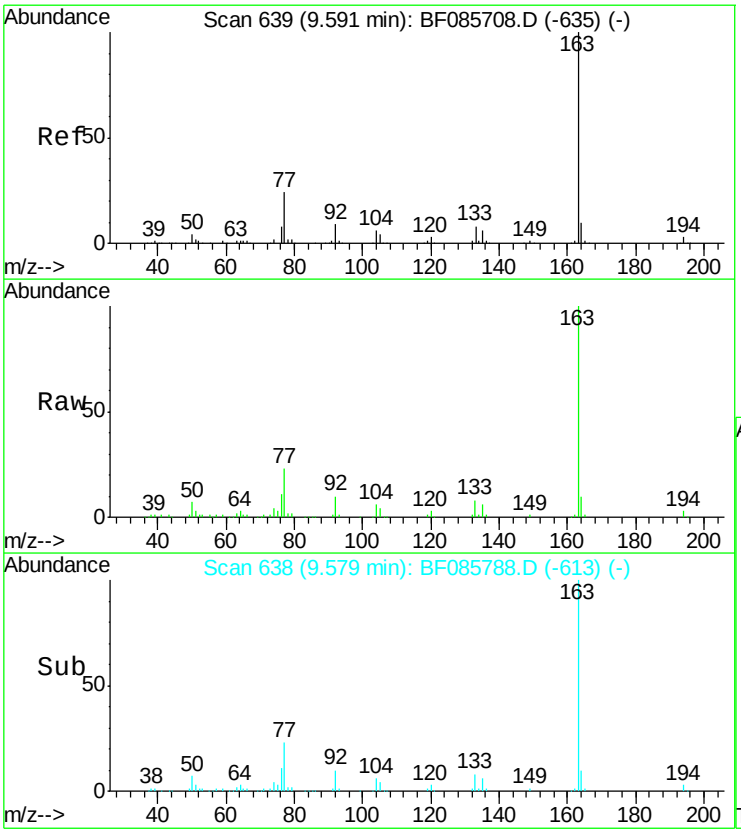
#44
2-Fluorobiphenyl
Concen: 90.10 ng
RT: 9.19 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion:172 Resp: 763265

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.2
170	23.9	19.8	29.6

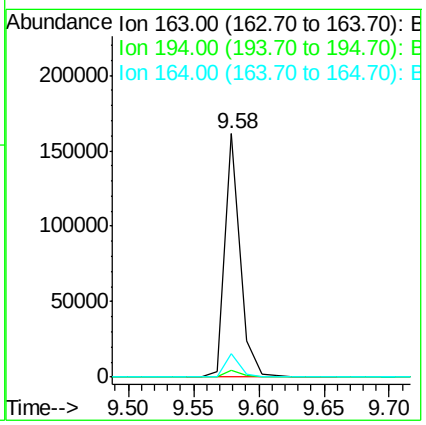


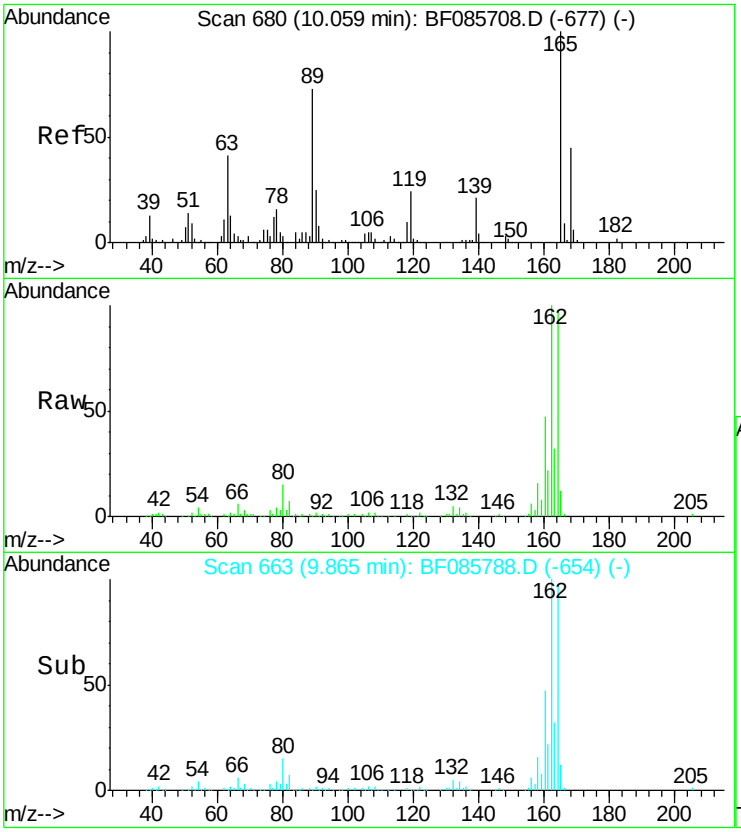


#49
Dimethylphthalate
Concen: 12.29 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion:163 Resp: 131979

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.9	4.3#
164	9.9	8.3	12.5



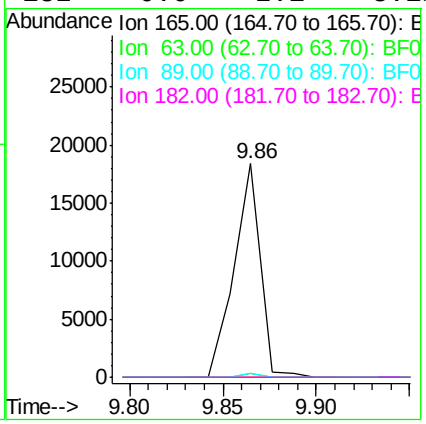


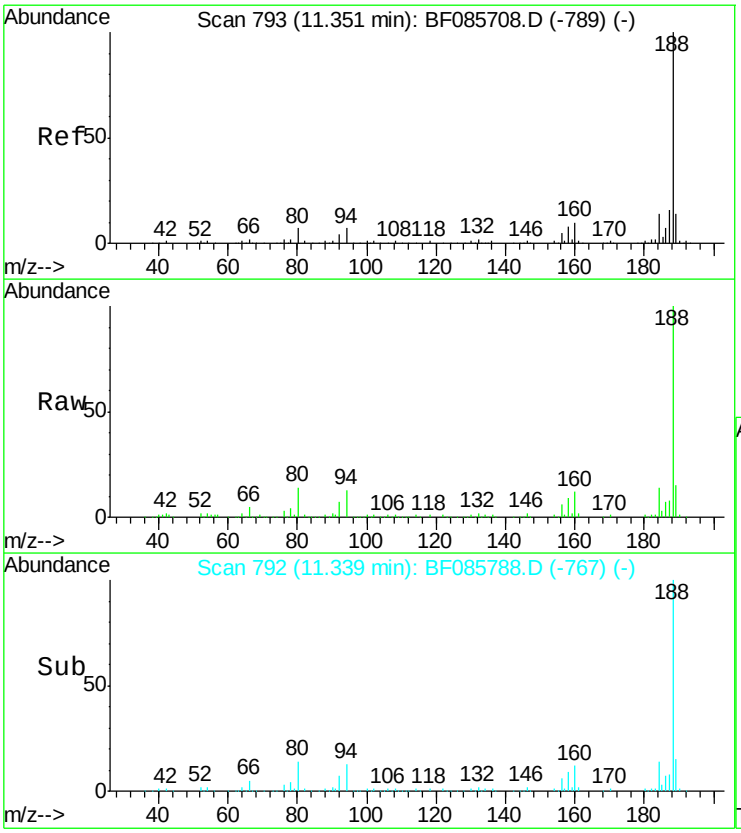
#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.19 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion:165 Resp: 18130

Ion	Ratio	Lower	Upper
165	100		
63	1.6	24.9	37.3#
89	2.0	41.0	61.6#
182	0.0	2.1	3.1#

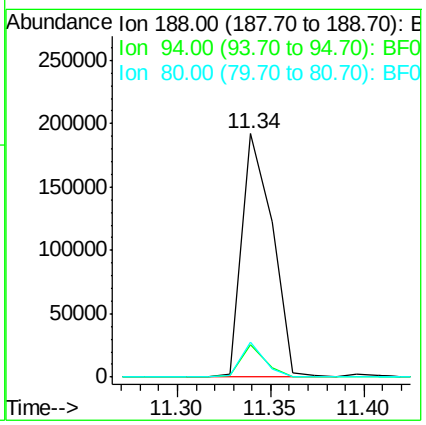


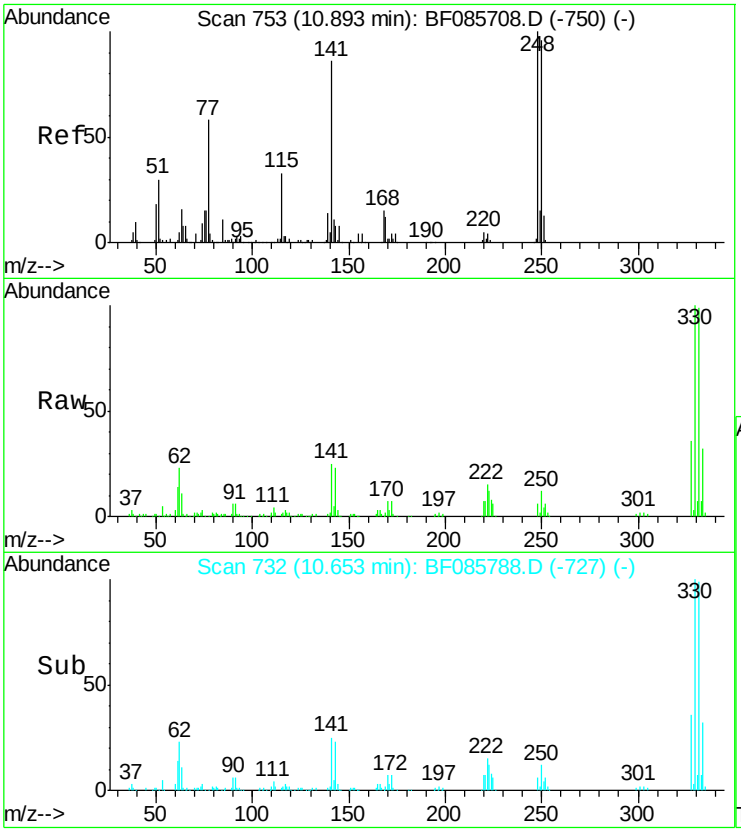


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion:188 Resp: 220548

Ion	Ratio	Lower	Upper
188	100		
94	13.4	5.4	8.0#
80	14.1	5.5	8.3#



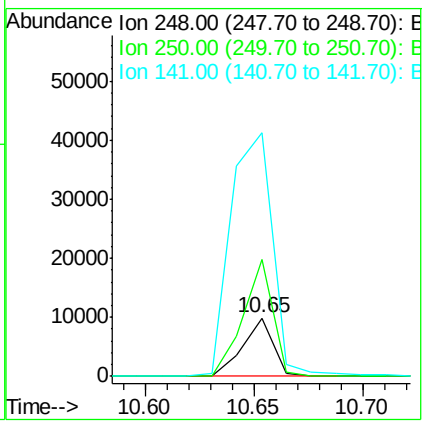


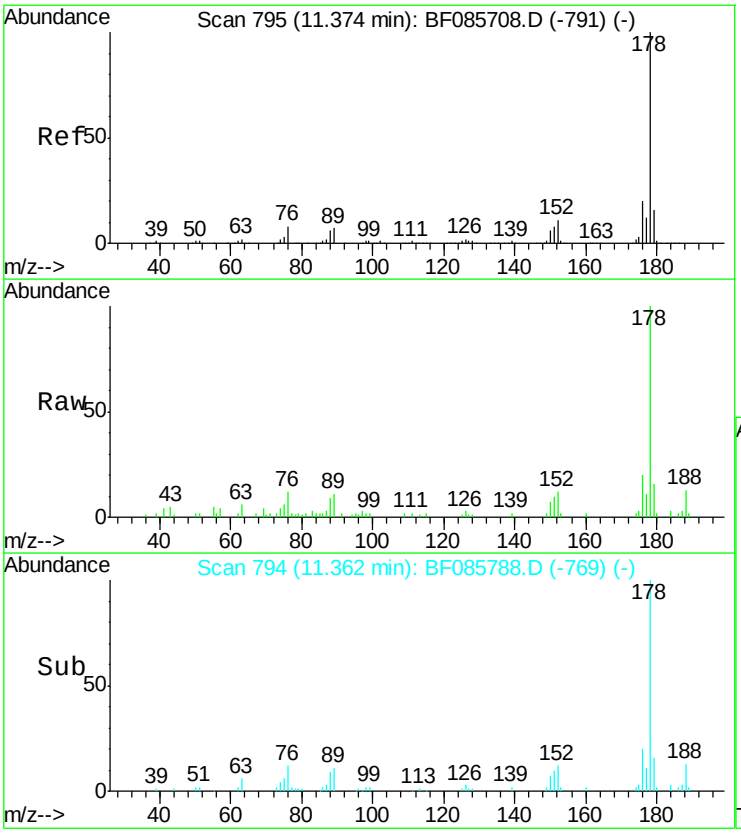
#66
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion:248 Resp: 9435

Ion	Ratio	Lower	Upper
248	100		
250	202.1	77.4	116.0#
141	419.4	63.6	95.4#

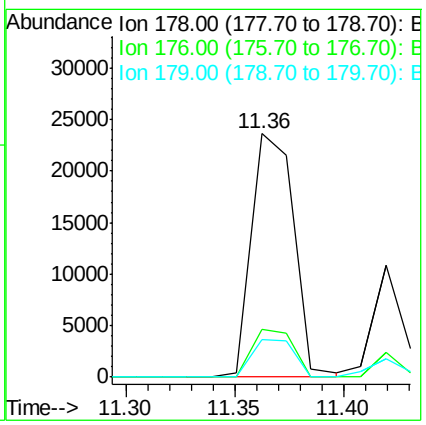


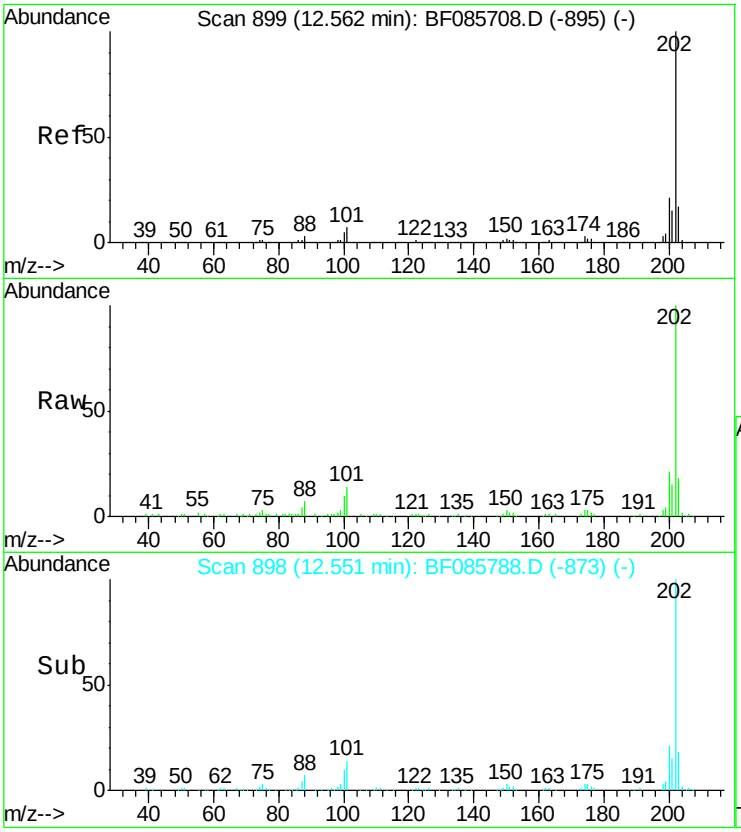


#70
Phenanthrene
Concen: 2.83 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion:178 Resp: 32100

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.7	12.6	18.8



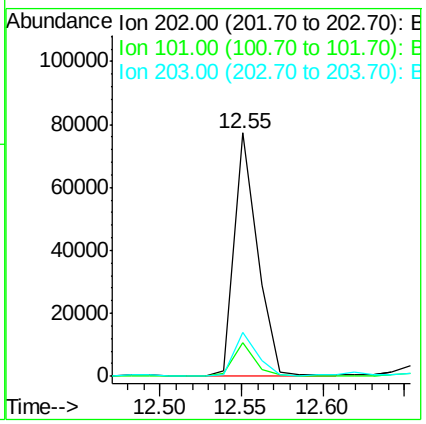


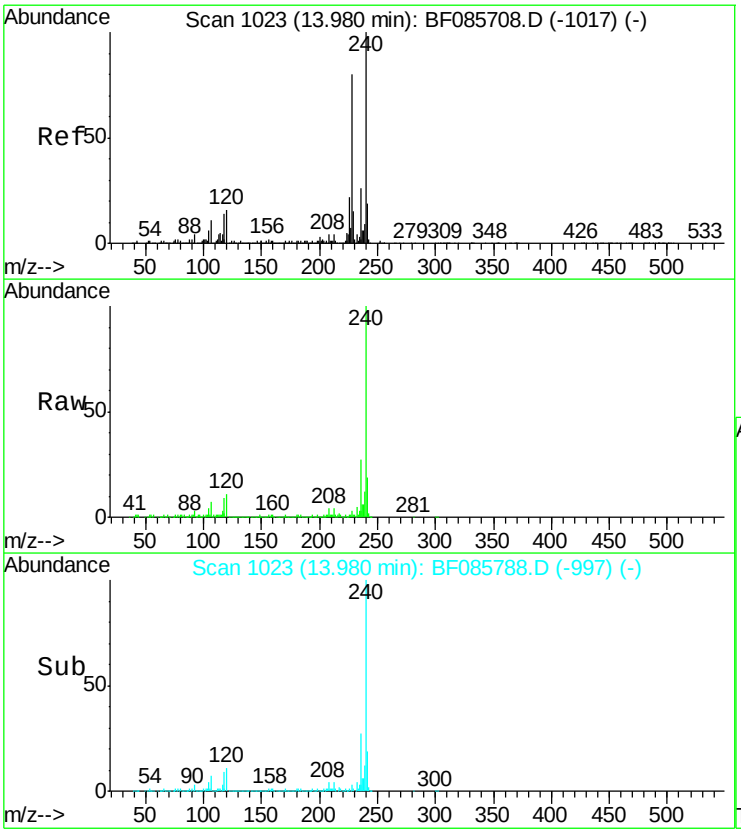
#74
Fluoranthene
Concen: 6.32 ng
RT: 12.55 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion:202 Resp: 76118

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	36.6
203	18.0	0.0	38.1

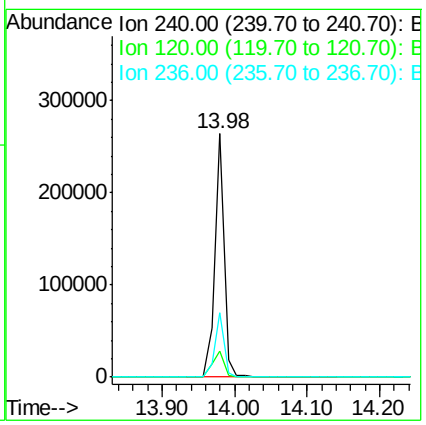


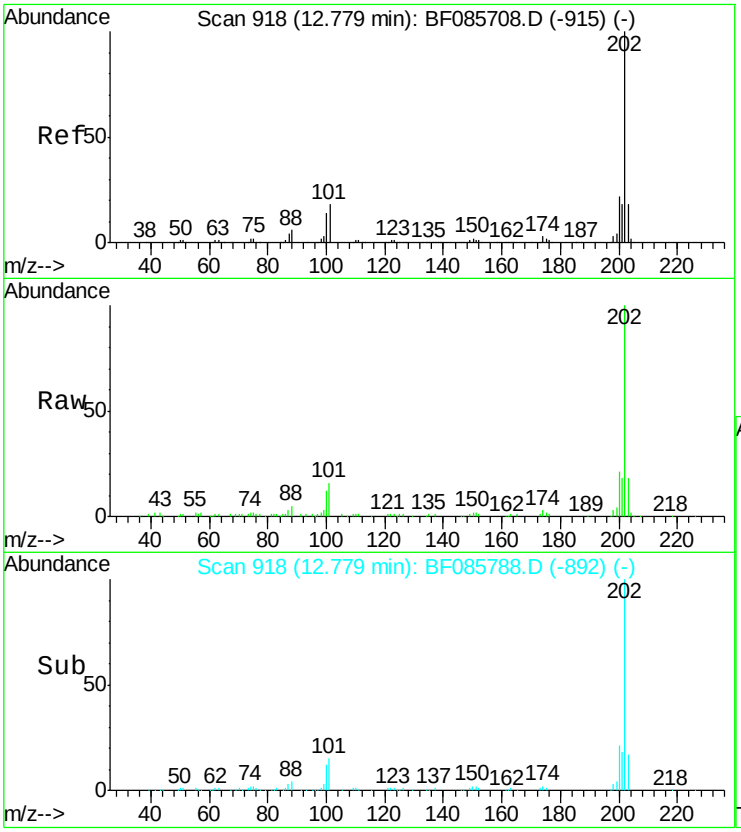


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion:240 Resp: 236110

Ion	Ratio	Lower	Upper
240	100		
120	10.9	13.8	20.8#
236	26.5	20.6	30.8



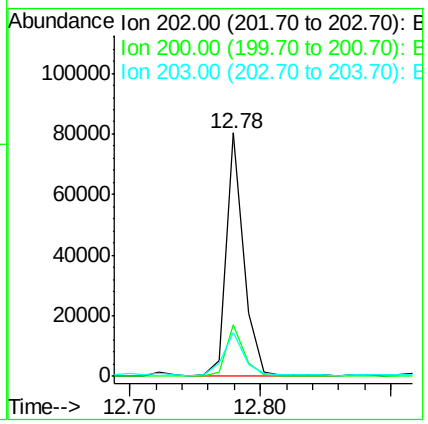


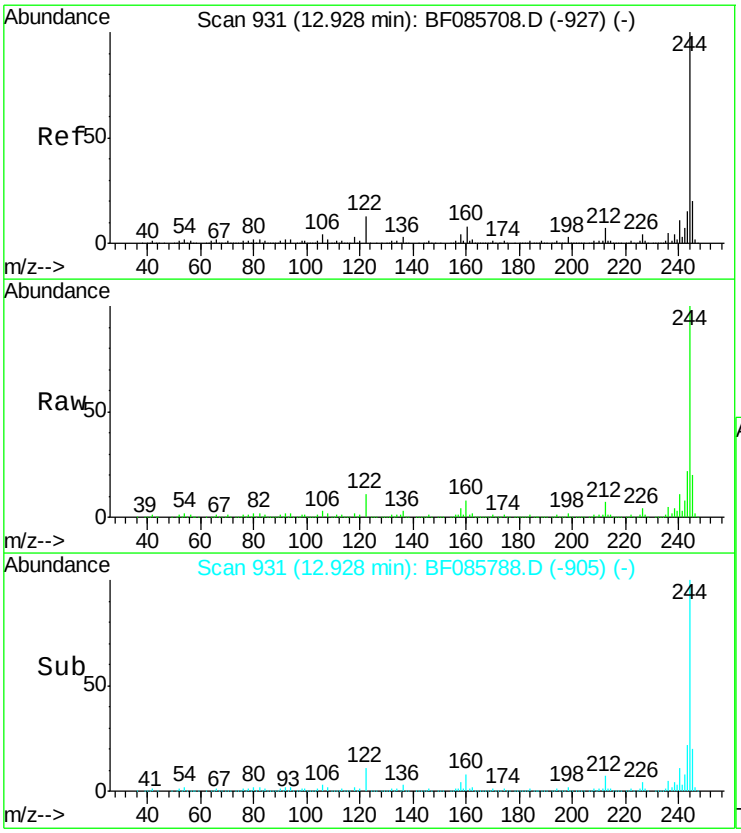
#77
Pyrene
Concen: 3.92 ng
RT: 12.78 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion:202 Resp: 76011

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.8	14.0	21.0

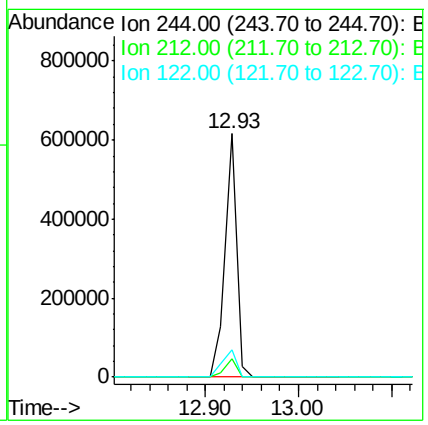


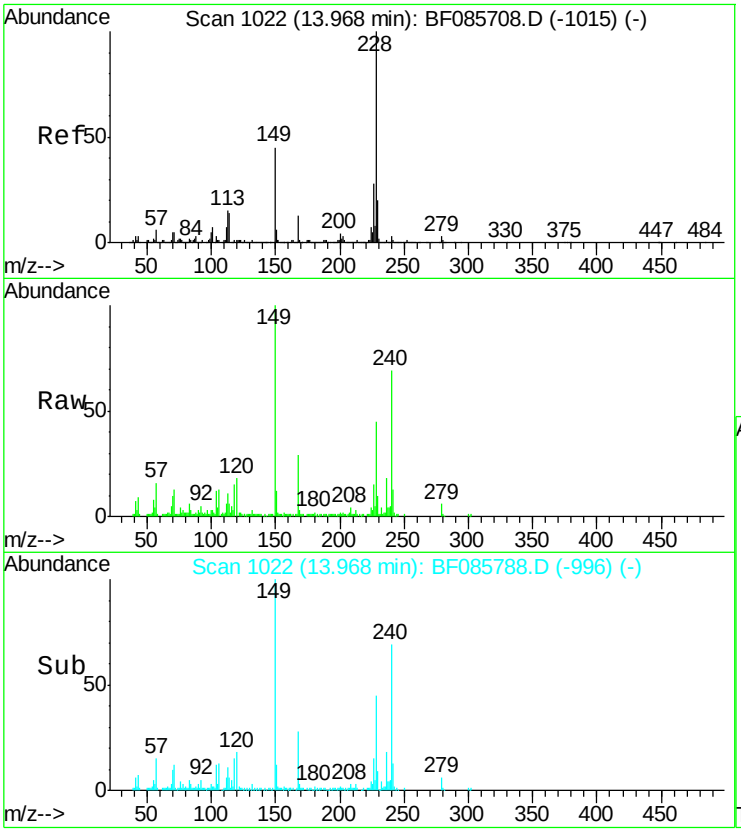


#78
Terphenyl-d14
Concen: 46.37 ng
RT: 12.93 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion:244 Resp: 532334

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.1	10.2	15.4



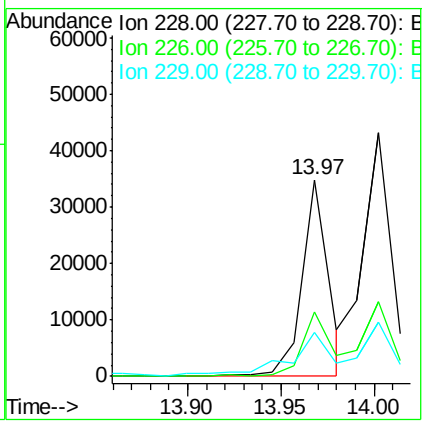


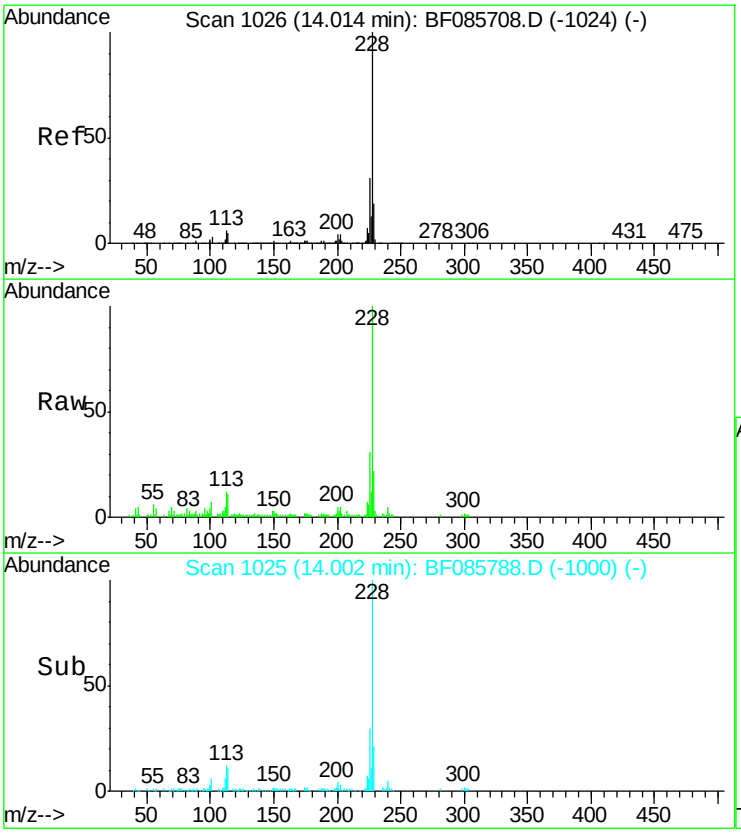
#80
Benzo(a)anthracene
Concen: 2.57 ng
RT: 13.97 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion:228 Resp: 34541

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.1	33.1
229	22.2	16.2	24.4

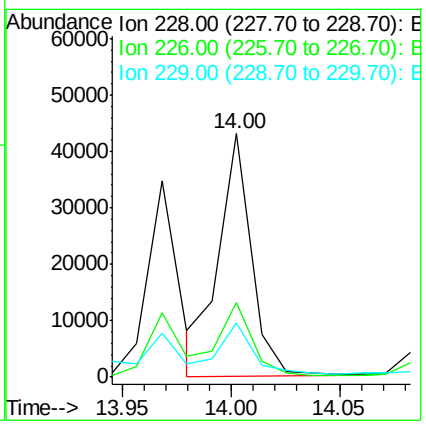


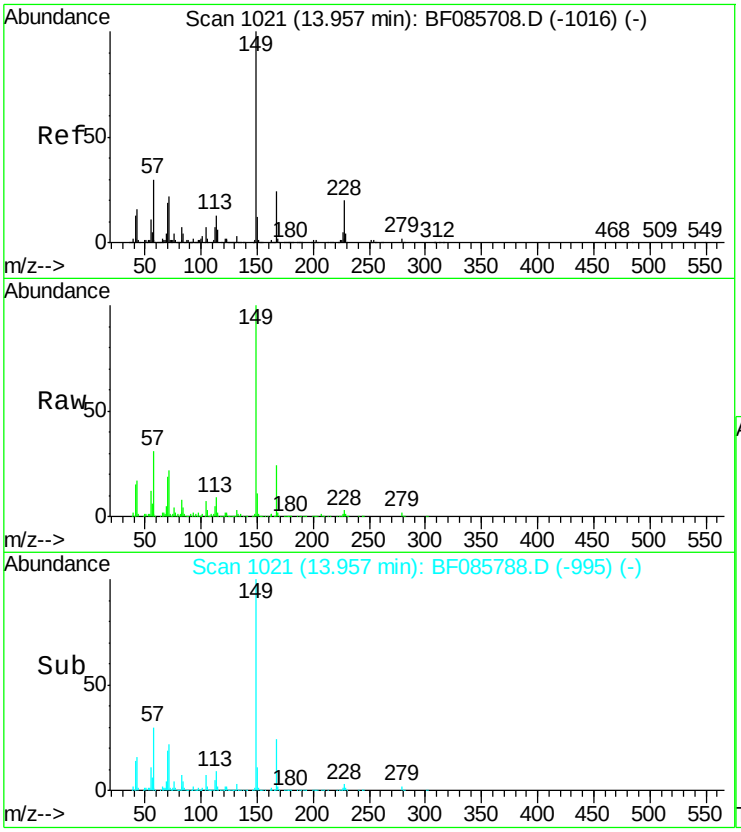


#82
Chrysene
Concen: 3.30 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion:228 Resp: 44786

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.1	15.7	23.5



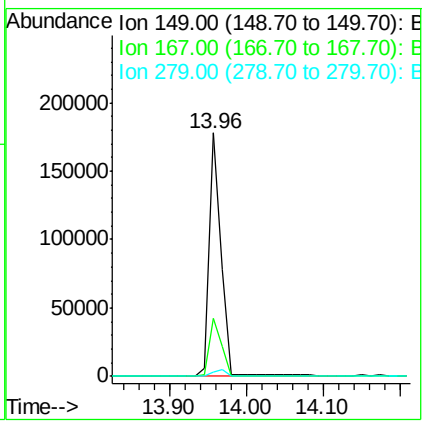


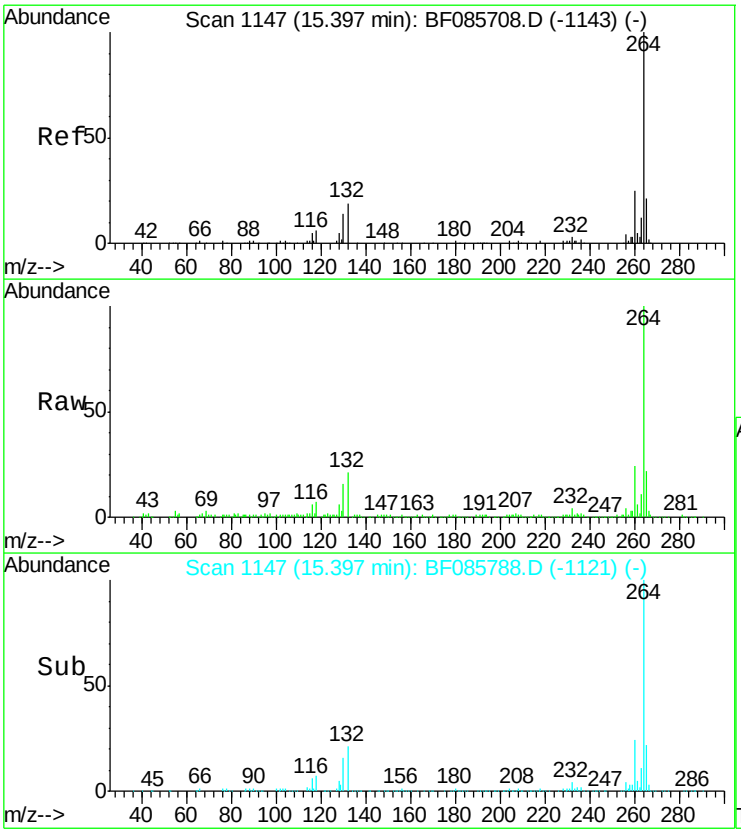
#83
Bis(2-ethylhexyl)phthalate
Concen: 18.61 ng
RT: 13.96 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion:149 Resp: 181129

Ion	Ratio	Lower	Upper
149	100		
167	23.7	19.4	29.2
279	1.7	1.5	2.3

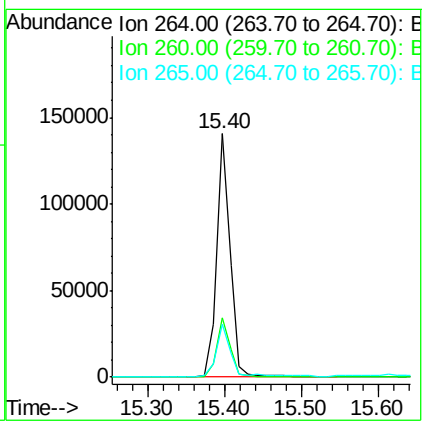


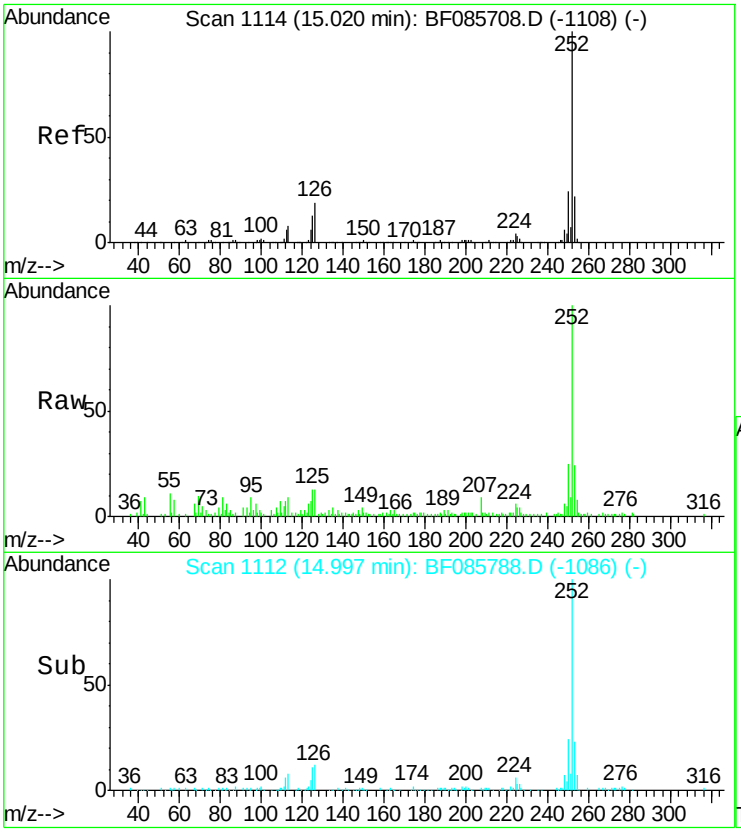


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion:264 Resp: 171301

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.8	17.2	25.8



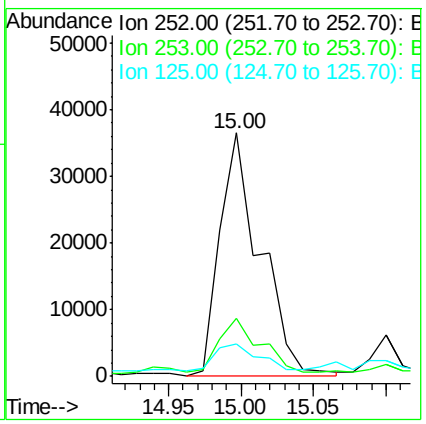


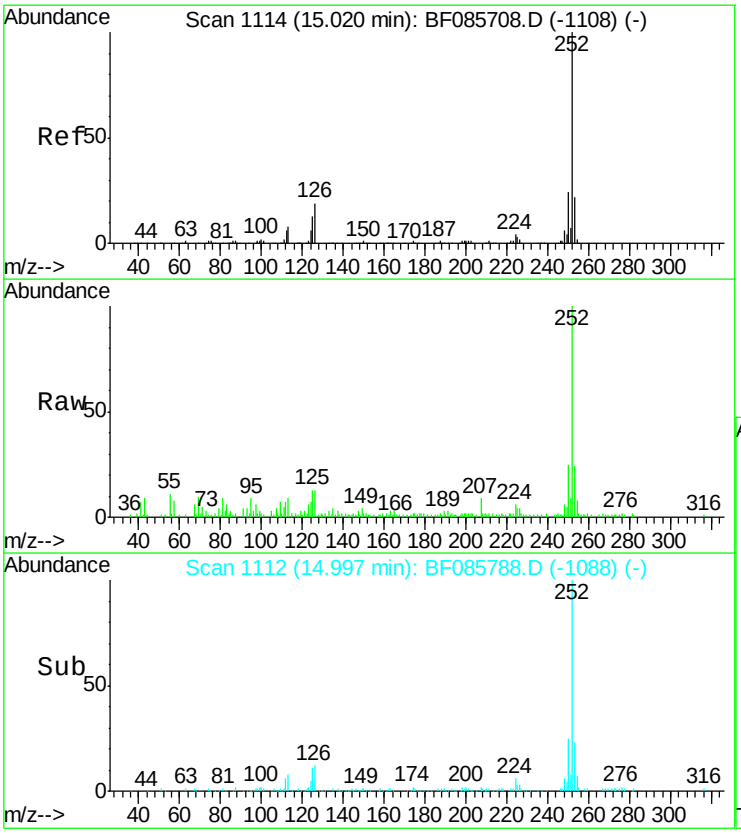
#87
Benzo(b)fluoranthene
Concen: 6.57 ng
RT: 15.00 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion:252 Resp: 70883

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	13.5	10.3	15.5

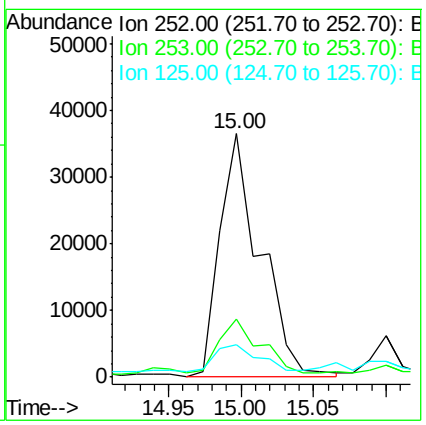


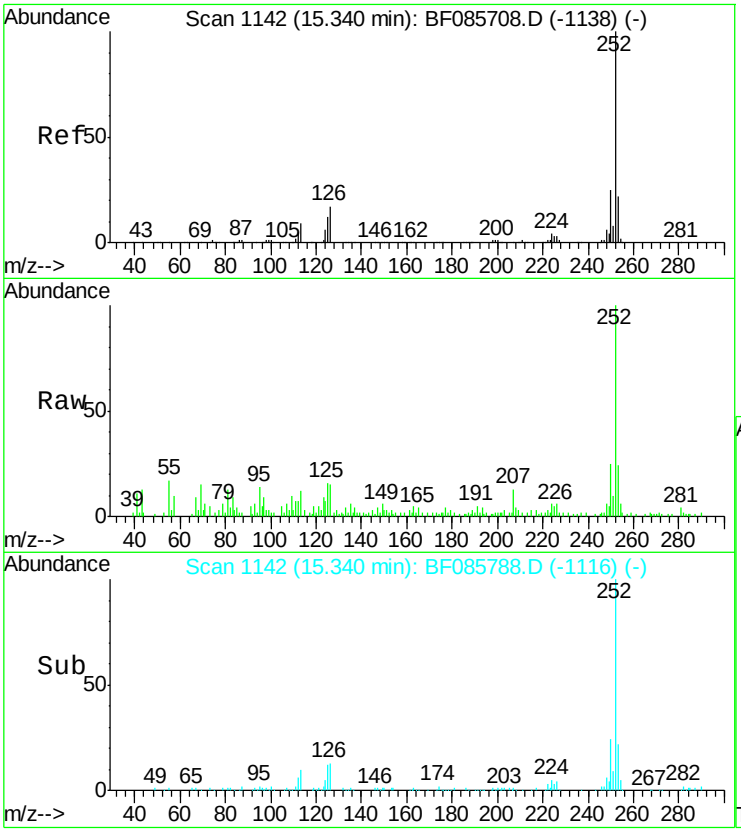


#88
Benzo(k)fluoranthene
Concen: 7.29 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion:252 Resp: 70883

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	13.5	7.7	11.5#



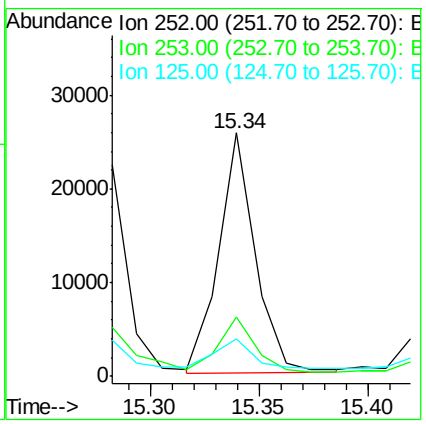


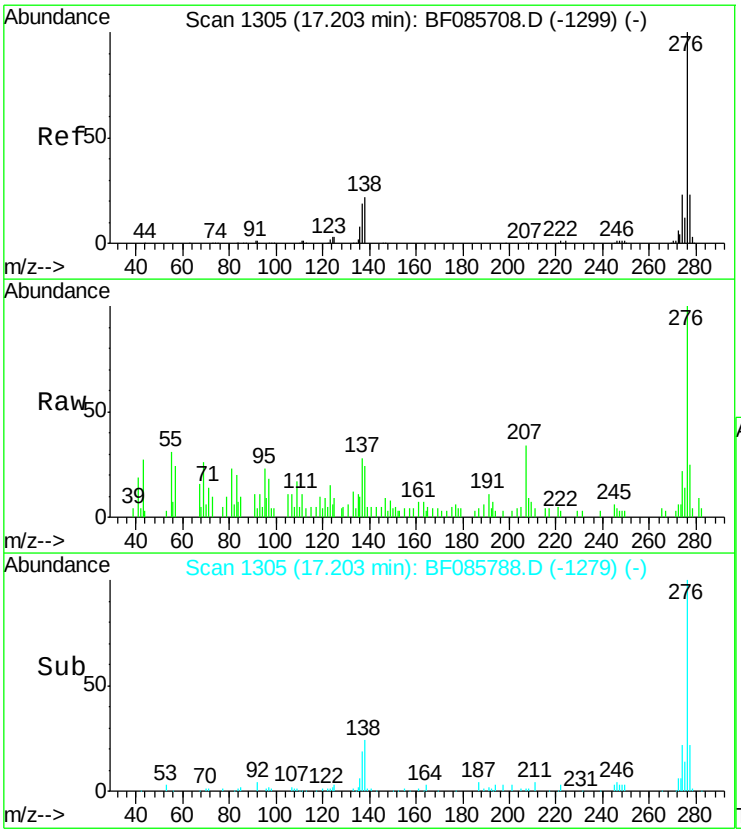
#89
Benzo(a)pyrene
Concen: 3.12 ng
RT: 15.34 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Instrument :
BNA_F
ClientSampleId :
S-PG-D(0-6)

Tgt Ion:252 Resp: 29936

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	15.5	10.3	15.5#





#91
Benzo(g,h,i)perylene
Concen: 2.34 ng
RT: 17.20 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF085788.D
Acq: 26 Mar 2016 3:53

Tgt Ion:276 Resp: 21053

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.8	28.2
138	23.5	22.6	34.0