Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085322.D
Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
Sample : H1722-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-33(0.5-2.0)

Quant Time: Mar 10 02:44:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	178877	20.00	ng		-0.05
21) Naphthalene-d8	8.23	136	772772	20.00	ng		-0.03
38) Acenaphthene-d10	9.99	164	336038	20.00	ng		-0.03
63) Phenanthrene-d10	11.48	188	653933	20.00	ng		-0.03
75) Chrysene-d12	14.12	240	331981	20.00	ng		-0.03
86) Perylene-d12	15.58	264	278148	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1477363	138.54	ng		-0.02
7) Phenol-d6	6.57	99	1972449	141.18	ng		-0.03
23) Nitrobenzene-d5	7.51	82	1208511	83.69	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	426242	148.24	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1739517	78.73	ng		-0.05
78) Terphenyl-d14	13.07	244	1451615	101.51	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.71	77	35335	2.51	ng		82
19) n-Nitroso-di-n-propylamine	7.51	70	164563	18.07	ng	#	77
49) Dimethylphthalate	9.70	163	563346	21.84	ng		99
56) 2,4-Dinitrotoluene	9.99	165	44795	6.34	ng	#	22
66) 4-Bromophenyl-phenylether	10.78	248	31506	4.96	ng	#	1
70) Phenanthrene	11.50	178	493262	14.39	ng		97
71) Anthracene	11.54	178	113940	3.13	ng		99
74) Fluoranthene	12.69	202	589928	17.15	ng		97
77) Pyrene	12.92	202	503828	20.16	ng		97
80) Benzo(a)anthracene	14.11	228	205972	10.36	ng		99
82) Chrysene	14.11	228	205972	11.22	ng		96
85) Indeno(1,2,3-cd)pyrene	17.03	276	83541	5.83	ng		92
87) Benzo(b)fluoranthene	15.15	252	233210	12.58	ng		98
88) Benzo(k)fluoranthene	15.15	252	233210	15.60	ng		99
89) Benzo(a)pyrene	15.51	252	128523	8.37	ng		98
91) Benzo(g,h,i)perylene	17.47	276	81980	6.22	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
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Acq On : 10 Mar 2016 2:20
Operator : UM/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Quant Time: Mar 10 02:44:37 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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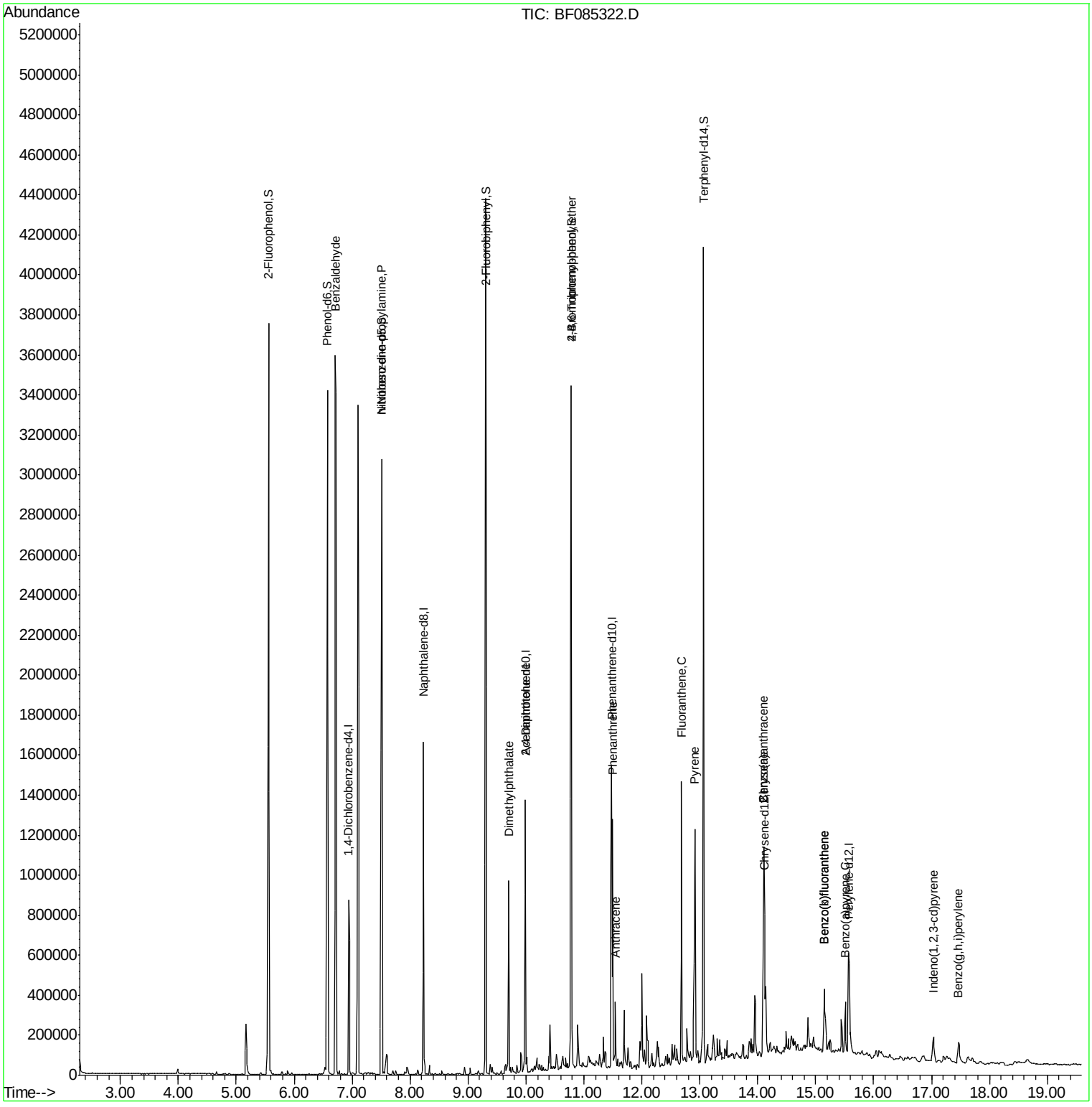
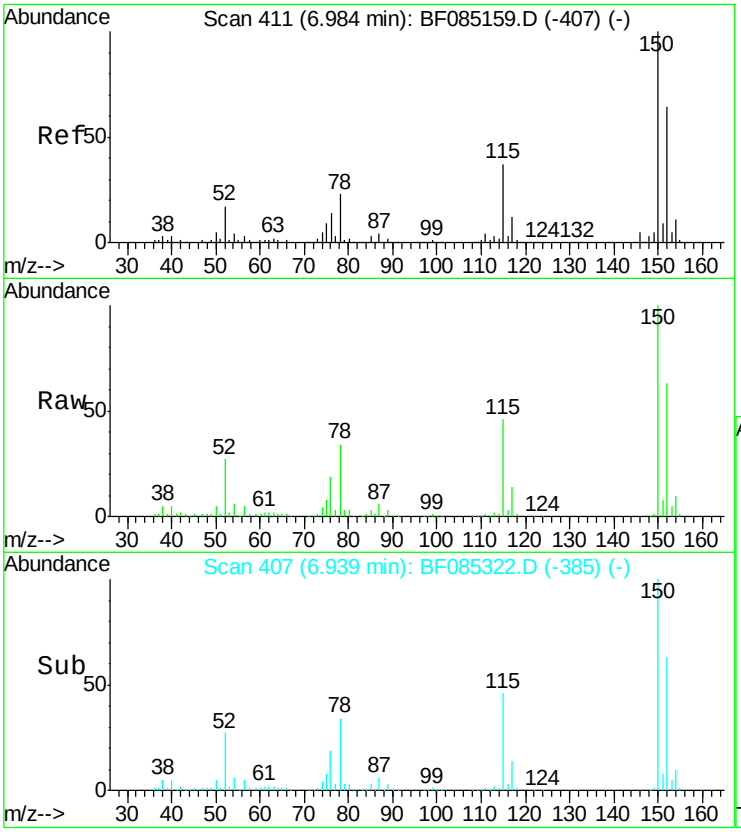


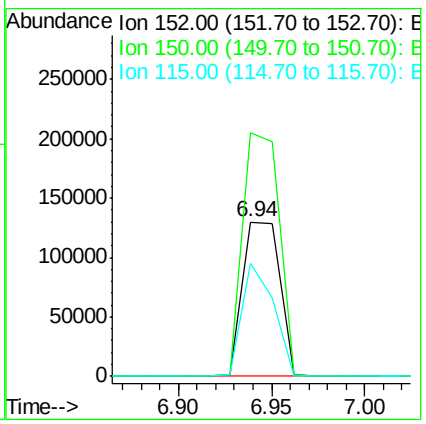


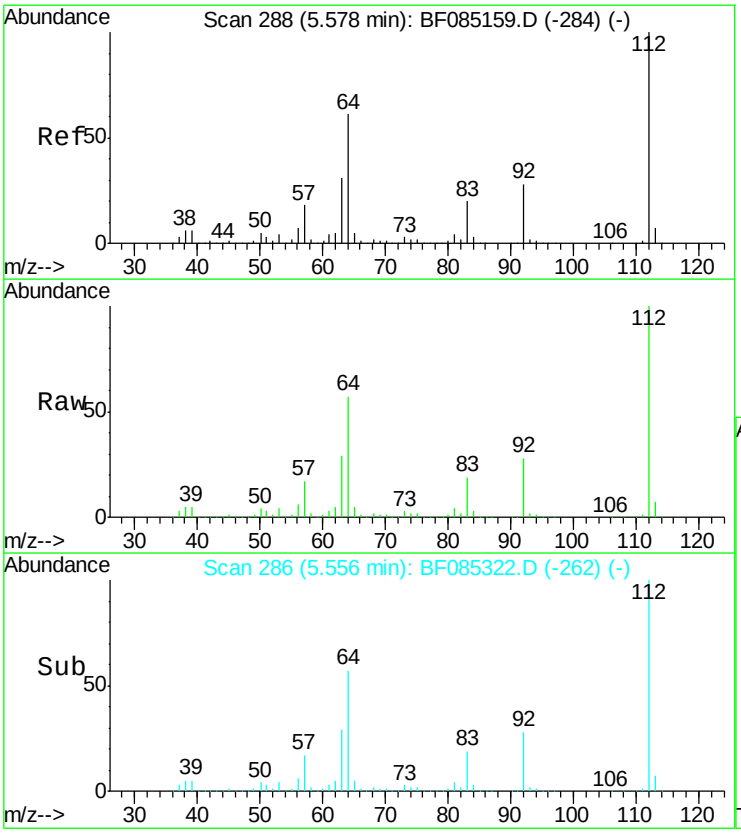
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion:152 Resp: 178877

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	73.0	46.6	70.0#

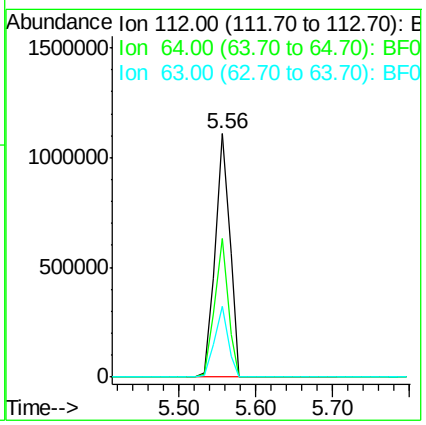


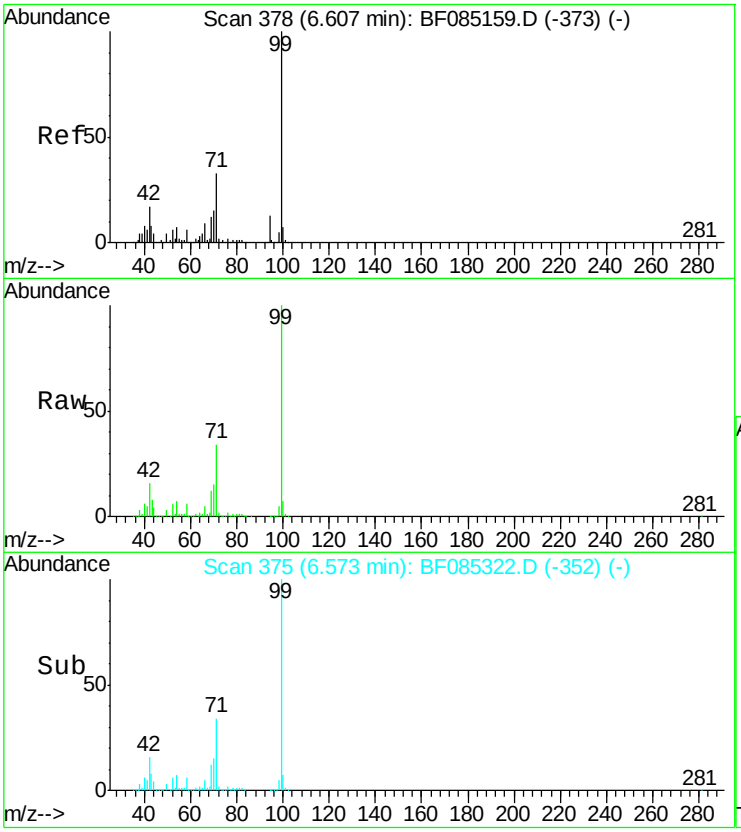


#5
2-Fluorophenol
Concen: 138.54 ng
RT: 5.56 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:112 Resp: 1477363

Ion	Ratio	Lower	Upper
112	100		
64	57.0	49.0	73.4
63	28.9	24.8	37.2



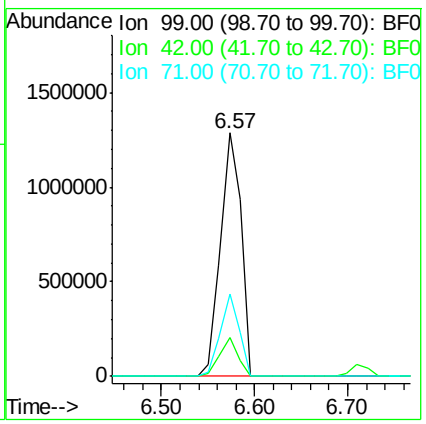


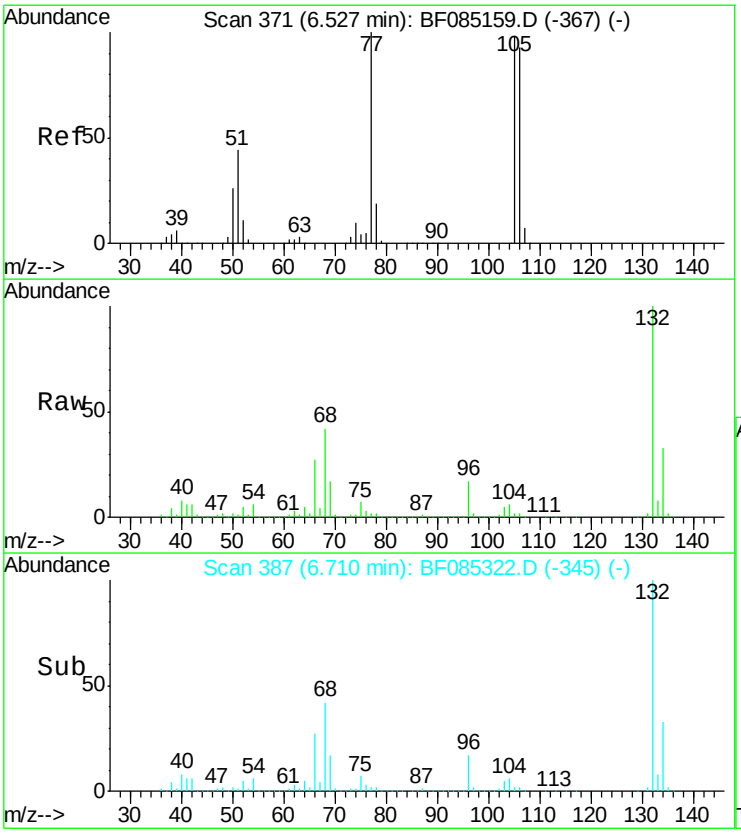
#7
Phenol-d6
Concen: 141.18 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.03 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion: 99 Resp: 1972449

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.6	20.4
71	33.8	26.7	40.1

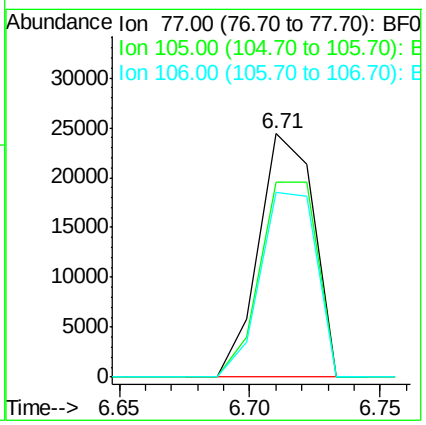


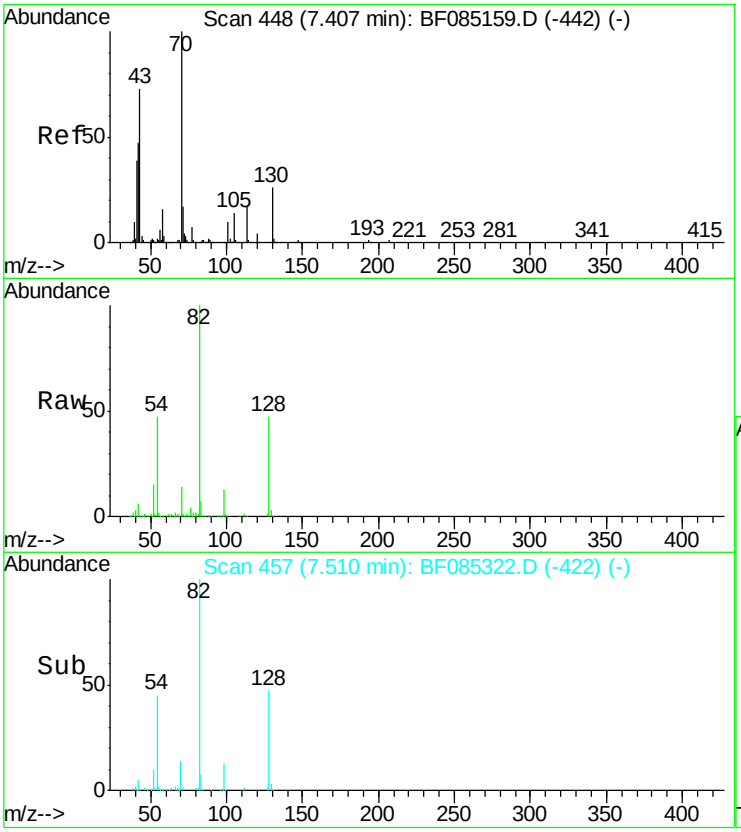


#9
Benzaldehyde
Concen: 2.51 ng
RT: 6.71 min Scan# 387
Delta R.T. 0.18 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion: 77 Resp: 35335

Ion	Ratio	Lower	Upper
77	100		
105	80.3	78.2	118.2
106	75.8	72.9	112.9



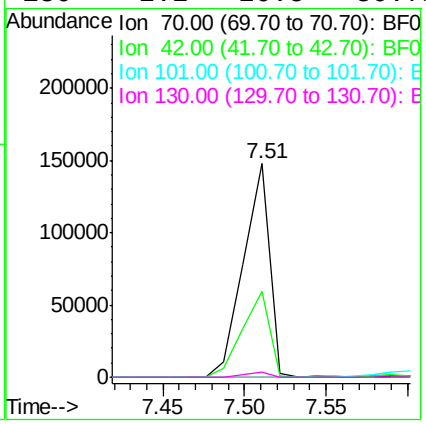


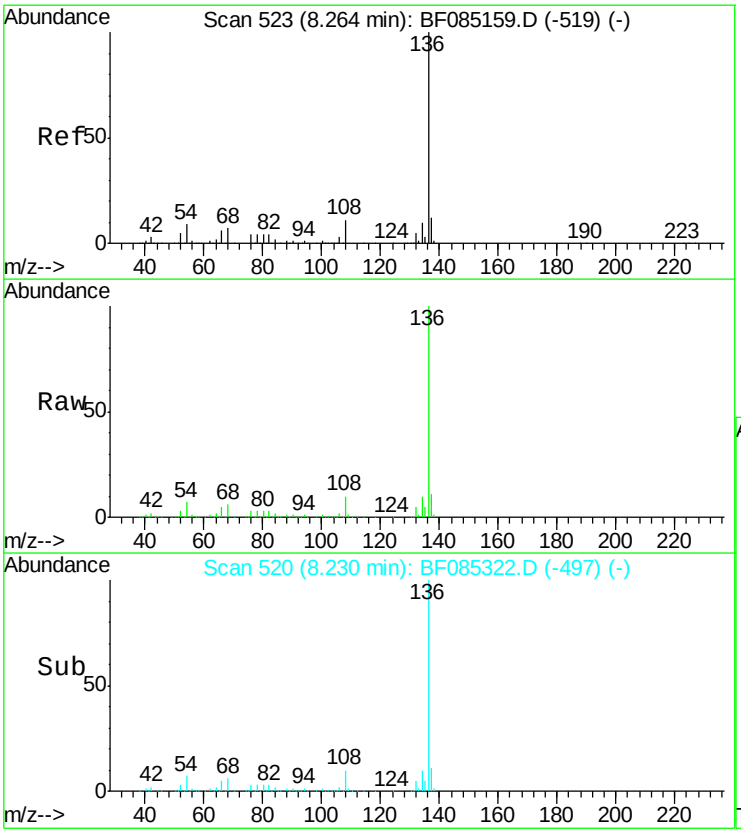
#19
n-Nitroso-di-n-propylamine
Concen: 18.07 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.10 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion: 70 Resp: 164563

Ion	Ratio	Lower	Upper
70	100		
42	40.4	37.7	56.5
101	0.0	8.2	12.4#
130	2.2	20.5	30.7#

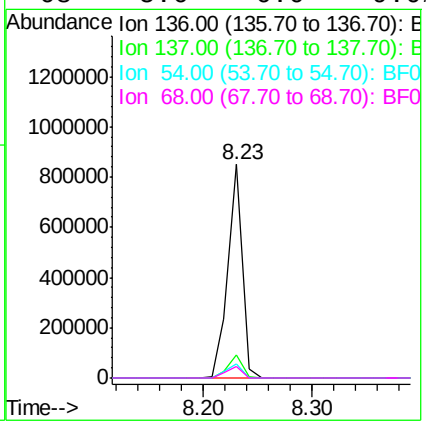


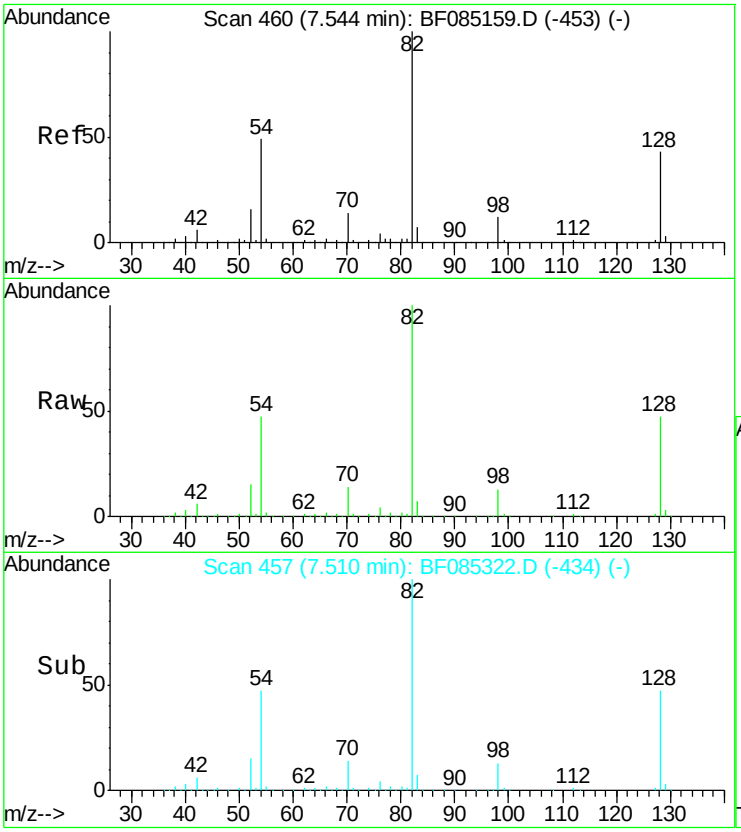


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:136 Resp: 772772

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	6.6	7.4	11.2#
68	5.6	6.0	9.0#



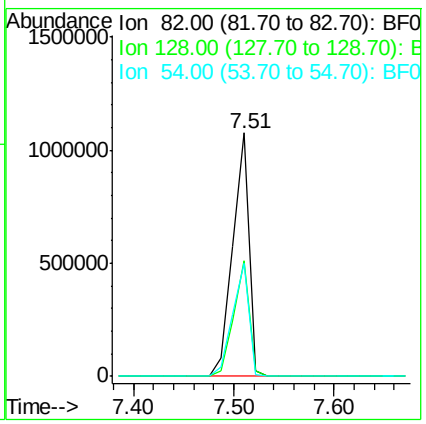


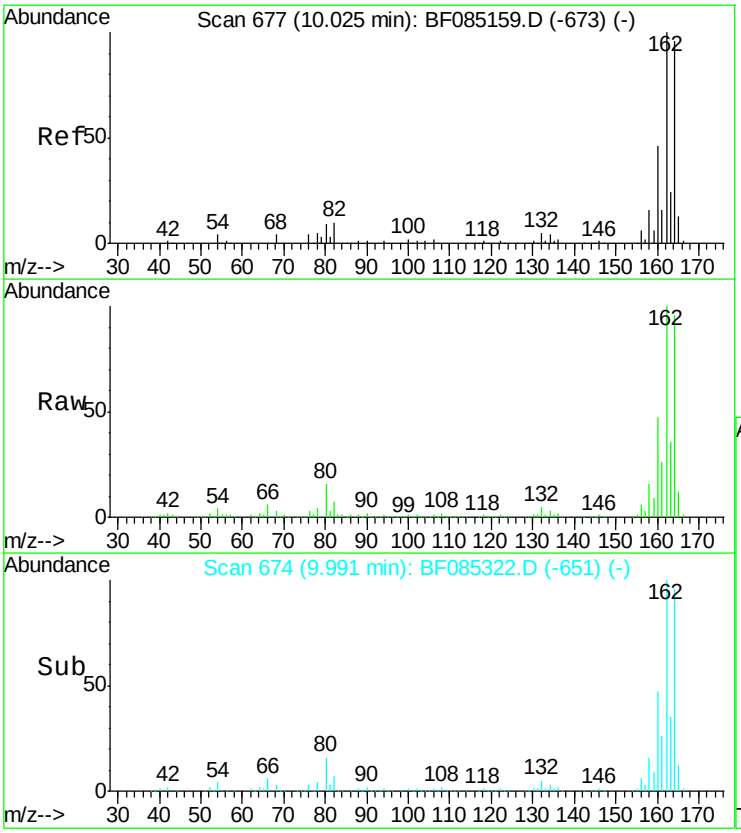
#23
Nitrobenzene-d5
Concen: 83.69 ng
RT: 7.51 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion: 82 Resp: 1208511

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.5	51.7
54	46.6	39.3	58.9

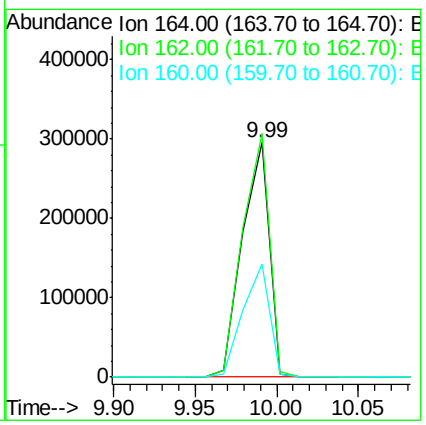


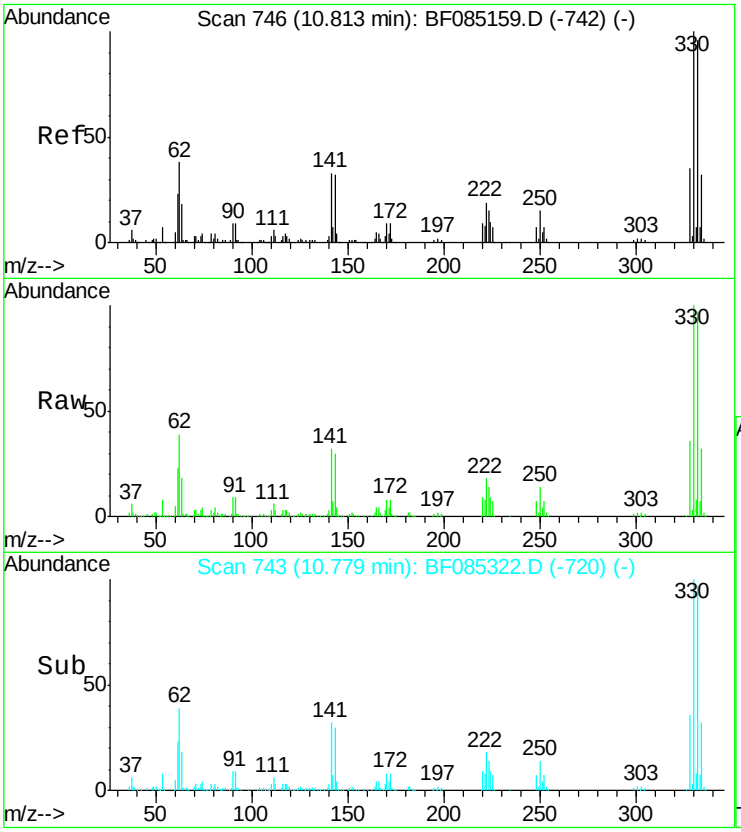


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:164 Resp: 336038

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.3	124.9
160	48.4	37.9	56.9



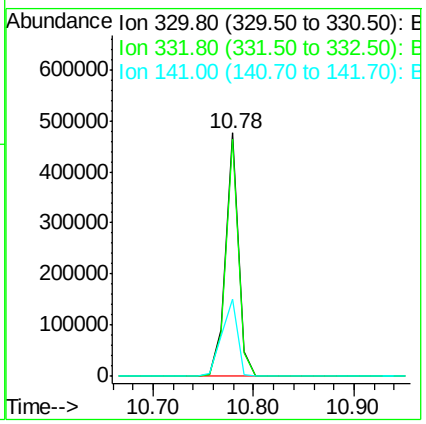


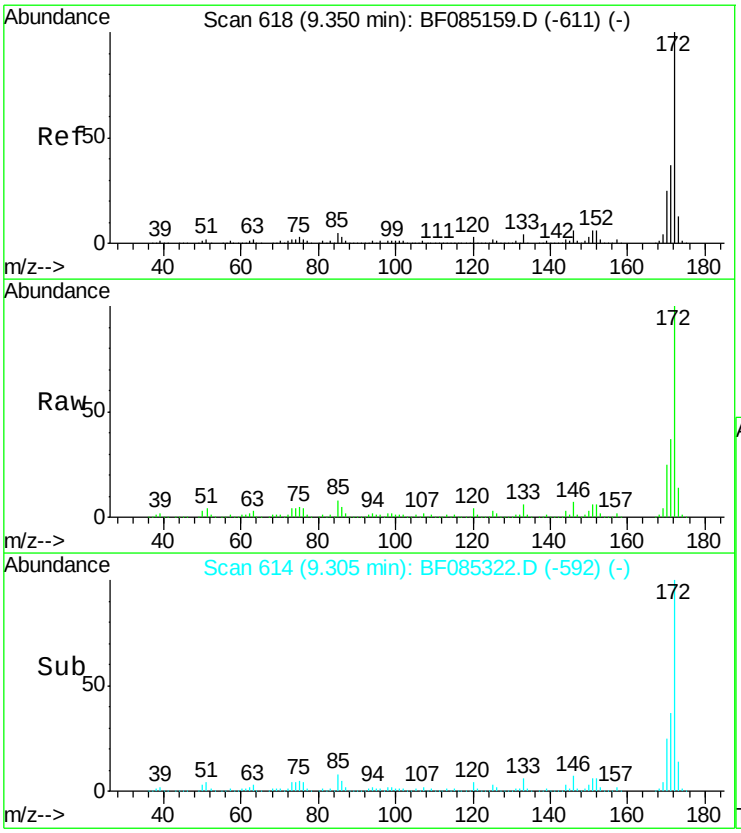
#41
2,4,6-Tribromophenol
Concen: 148.24 ng
RT: 10.78 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion:330 Resp: 426242

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	38.7	35.0	52.6

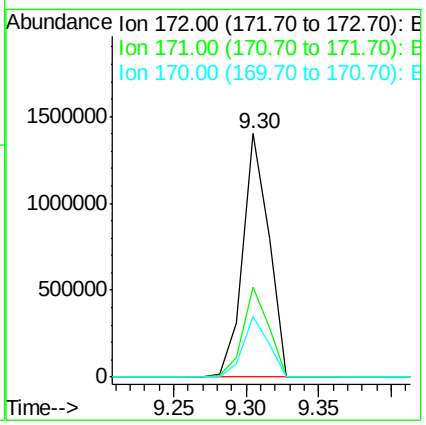


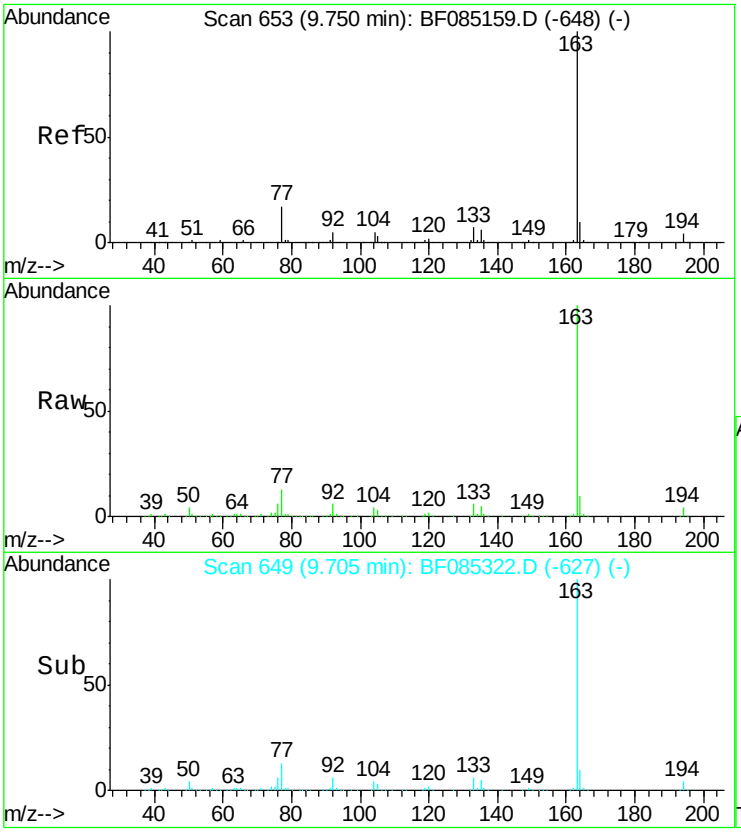


#44
2-Fluorobiphenyl
Concen: 78.73 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:172 Resp: 1739517

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.3	43.9
170	24.9	20.0	30.0



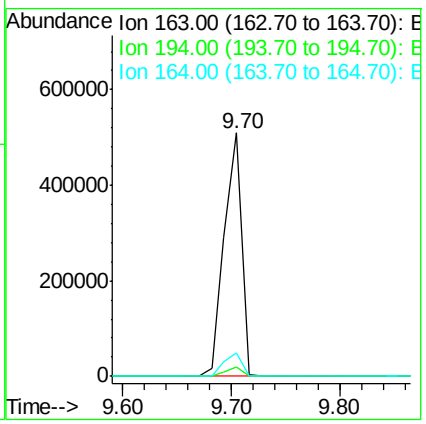


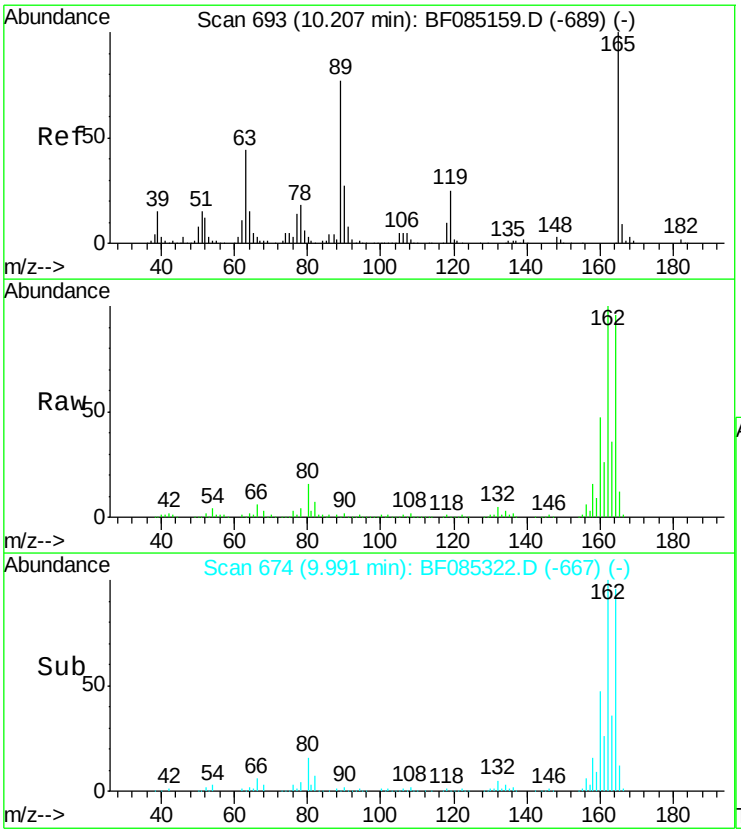
#49
Dimethylphthalate
Concen: 21.84 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion:163 Resp: 563346

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.6	8.2	12.4

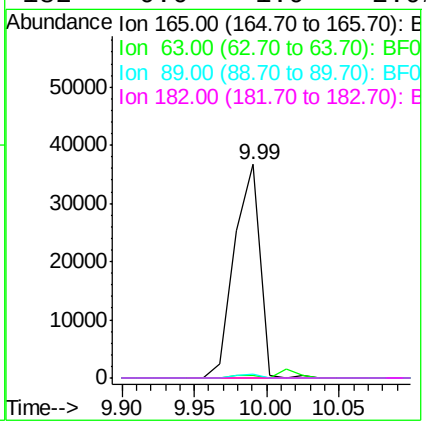


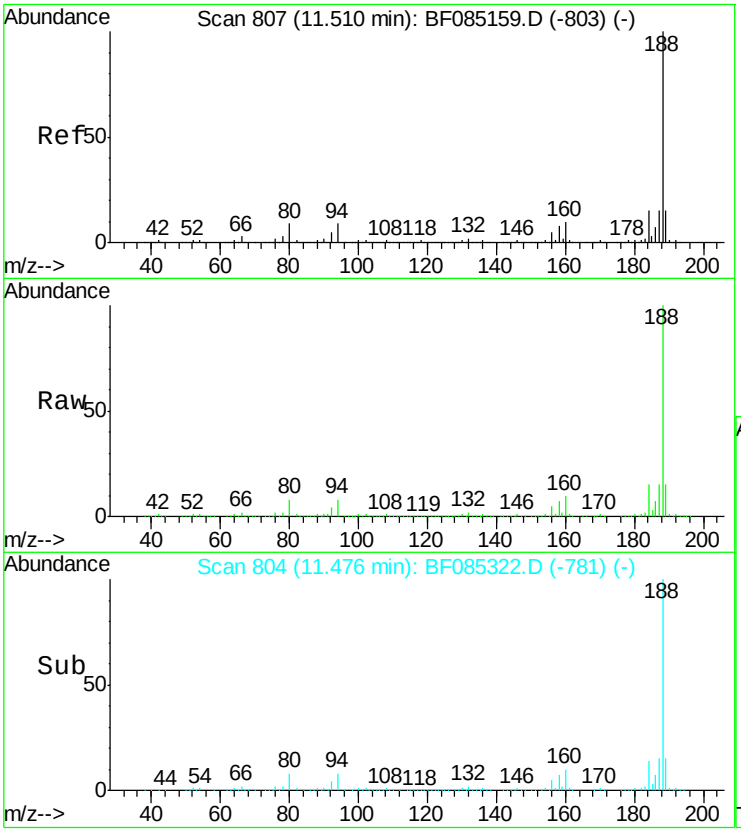


#56
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.22 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:165 Resp: 44795

Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.4	53.0#
89	2.0	61.9	92.9#
182	0.0	1.9	2.9#



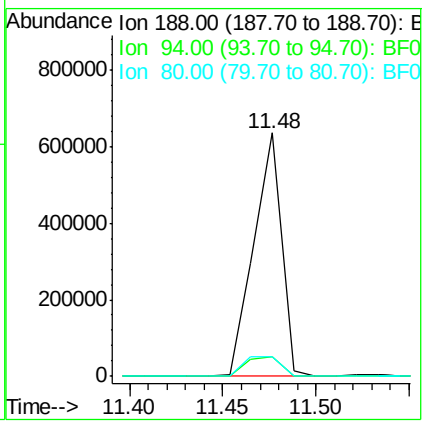


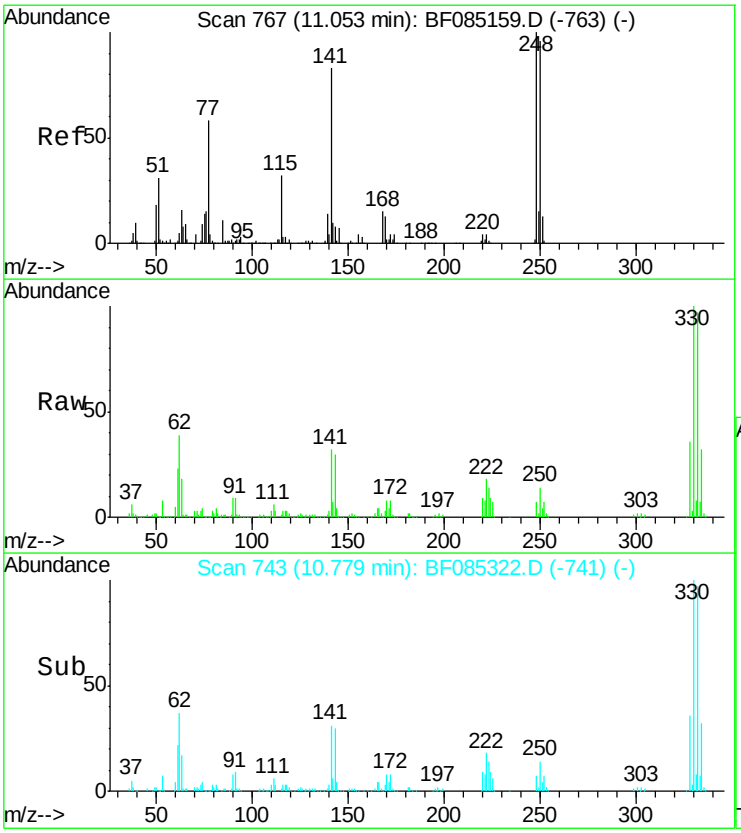
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion:188 Resp: 653933

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.6
80	8.1	7.4	11.0

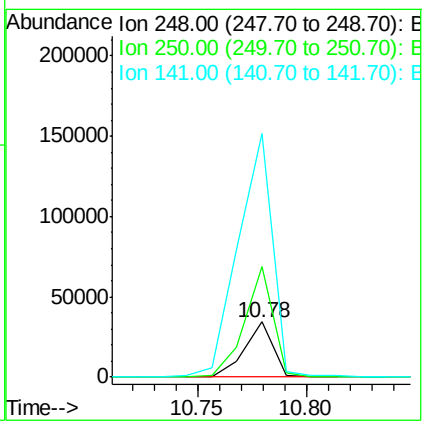


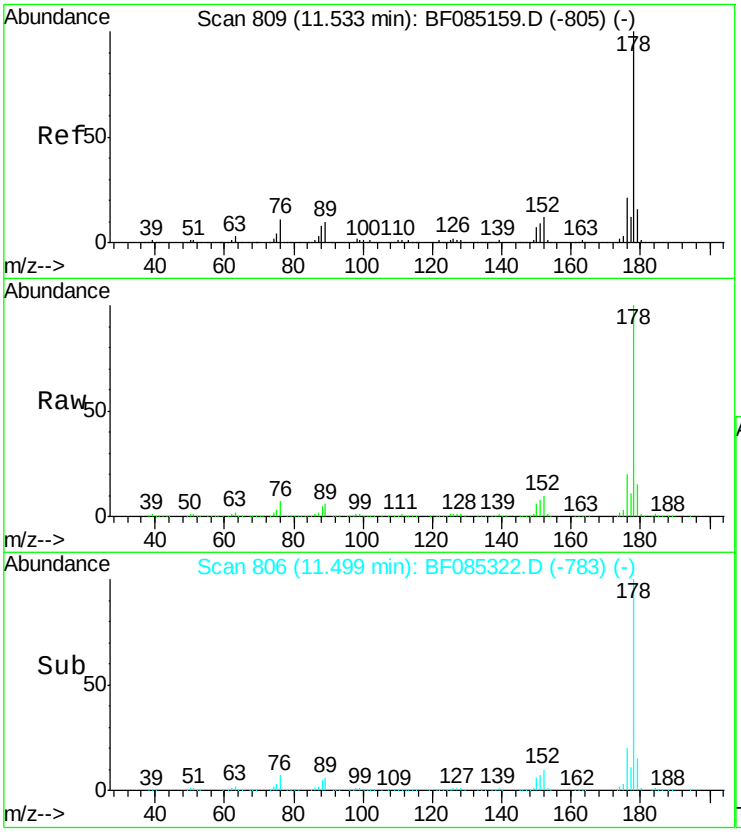


#66
4-Bromophenyl-phenylether
Concen: 4.96 ng
RT: 10.78 min Scan# 743
Delta R.T. -0.27 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:248 Resp: 31506

Ion	Ratio	Lower	Upper
248	100		
250	200.1	77.1	115.7#
141	443.3	66.2	99.2#



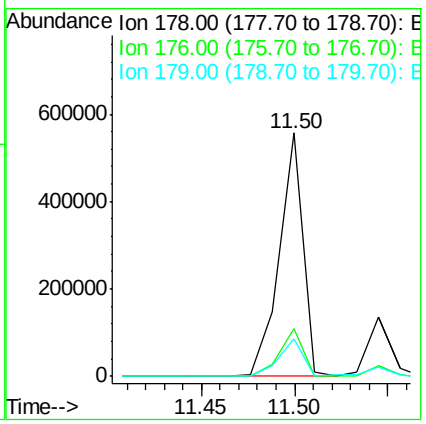


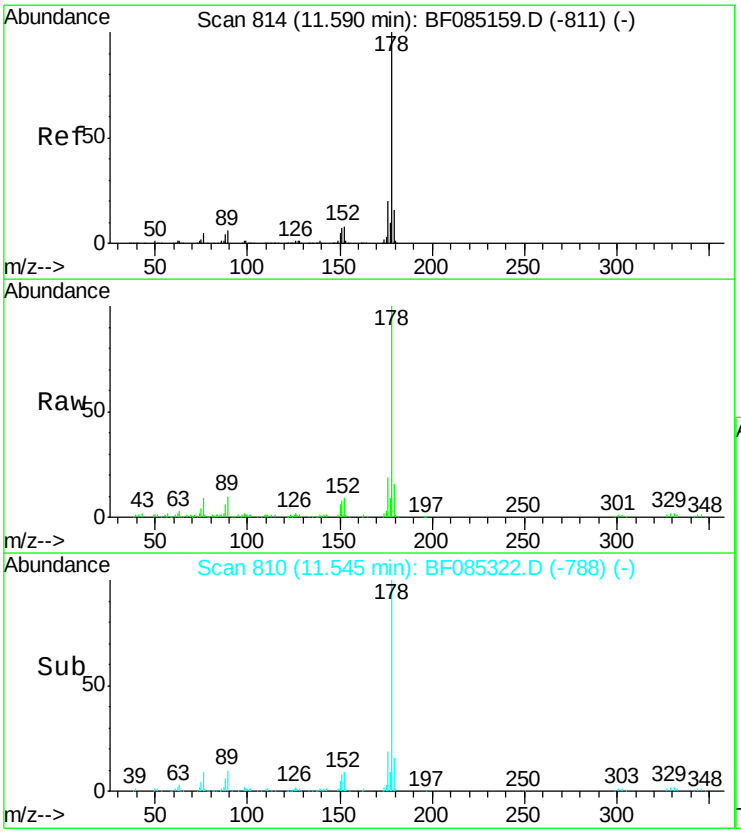
#70
Phenanthrene
Concen: 14.39 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion:178 Resp: 493262

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.8	25.2
179	15.5	13.1	19.7

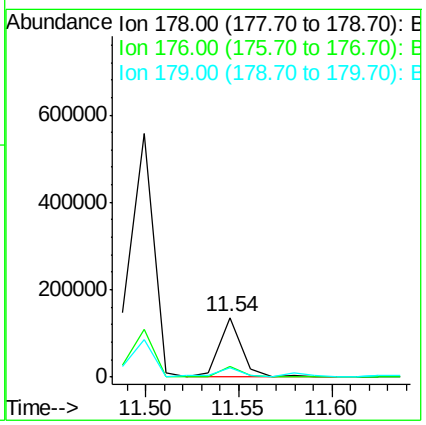


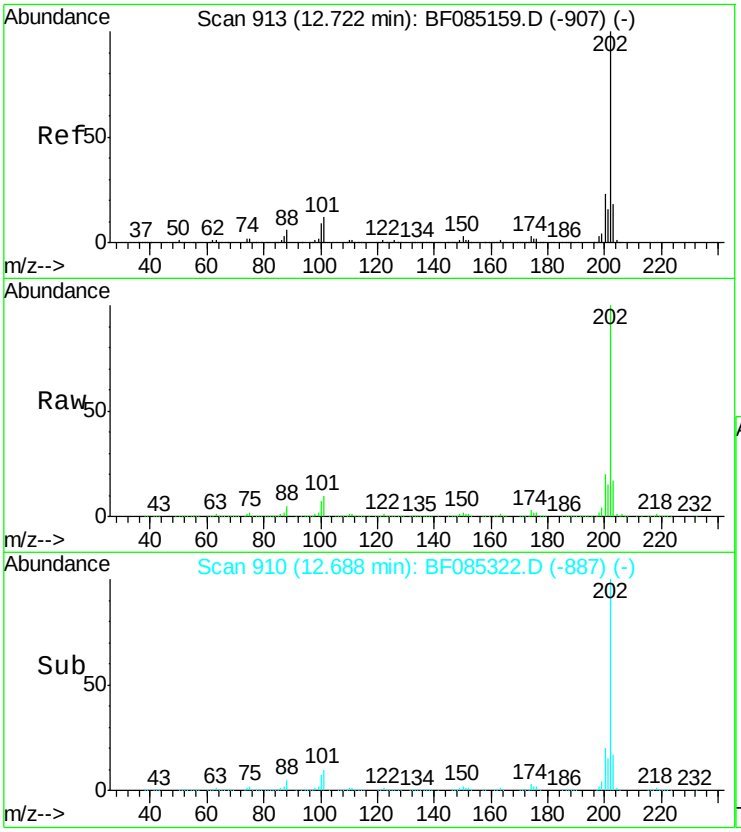


#71
Anthracene
Concen: 3.13 ng
RT: 11.54 min Scan# 810
Delta R.T. -0.05 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:178 Resp: 113940

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	15.6	12.5	18.7



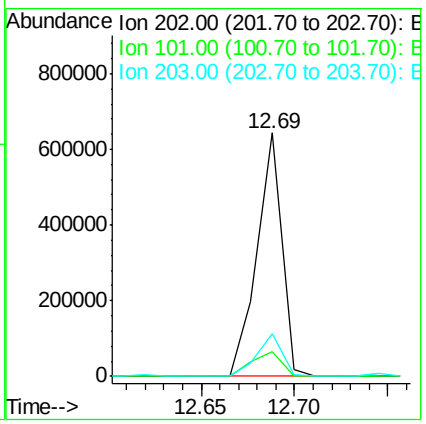


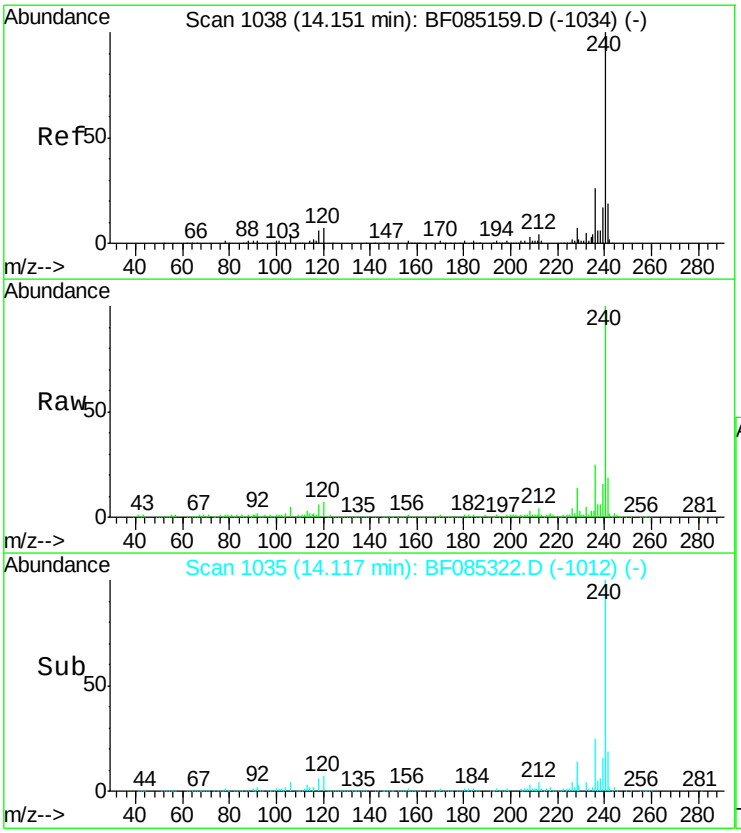
#74
Fluoranthene
Concen: 17.15 ng
RT: 12.69 min Scan# 910
Delta R.T. -0.03 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion:202 Resp: 589928

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.8
203	17.4	0.0	38.4

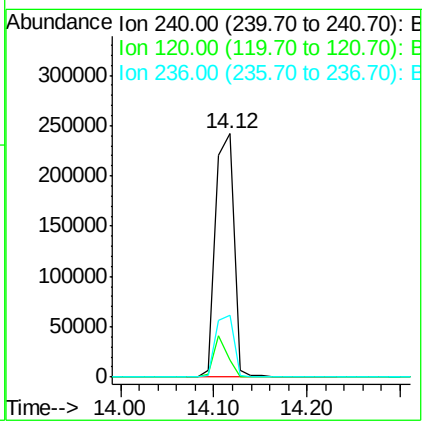


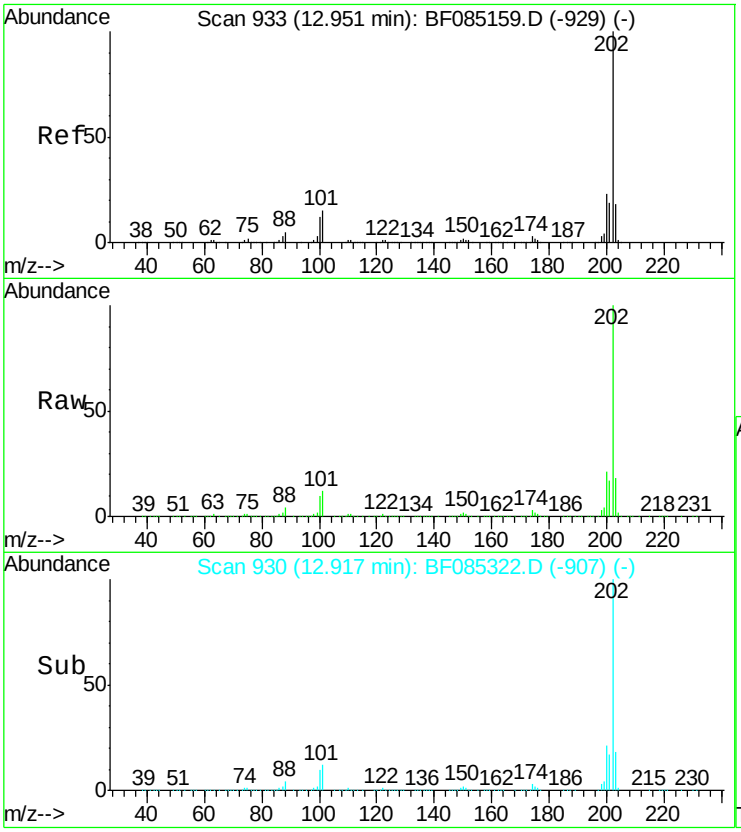


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:240 Resp: 331981

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.3	7.9
236	25.3	20.7	31.1



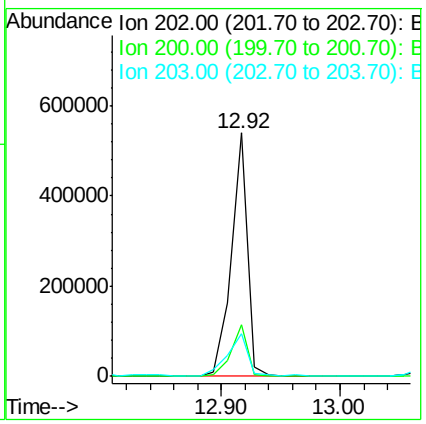


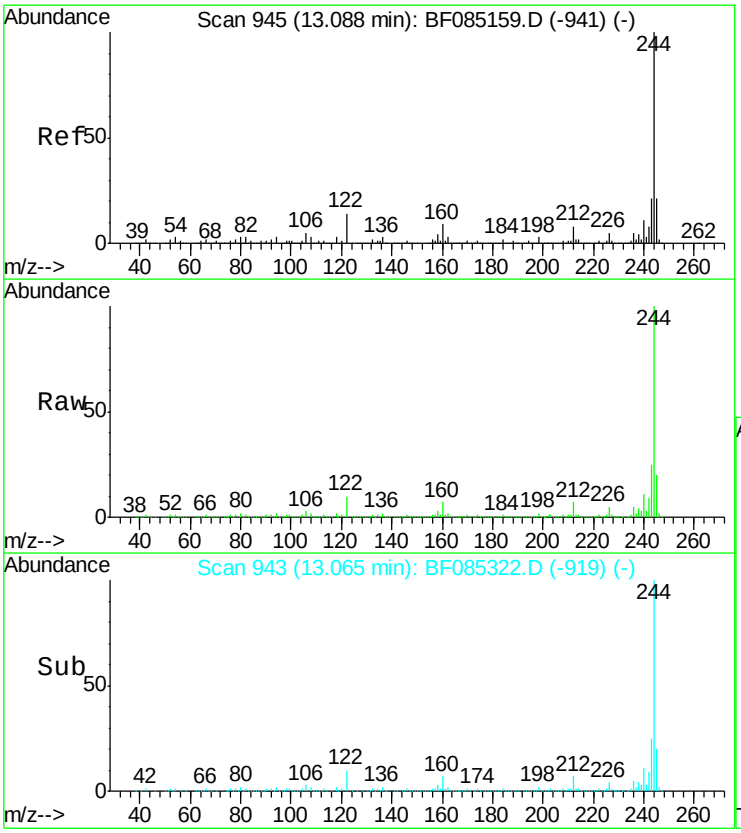
#77
Pyrene
Concen: 20.16 ng
RT: 12.92 min Scan# 930
Delta R.T. -0.03 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion:202 Resp: 503828

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.2	27.4
203	17.7	14.7	22.1

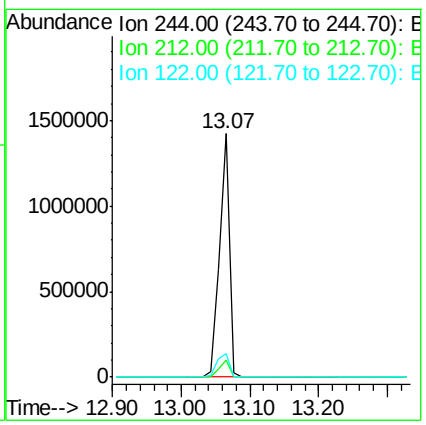


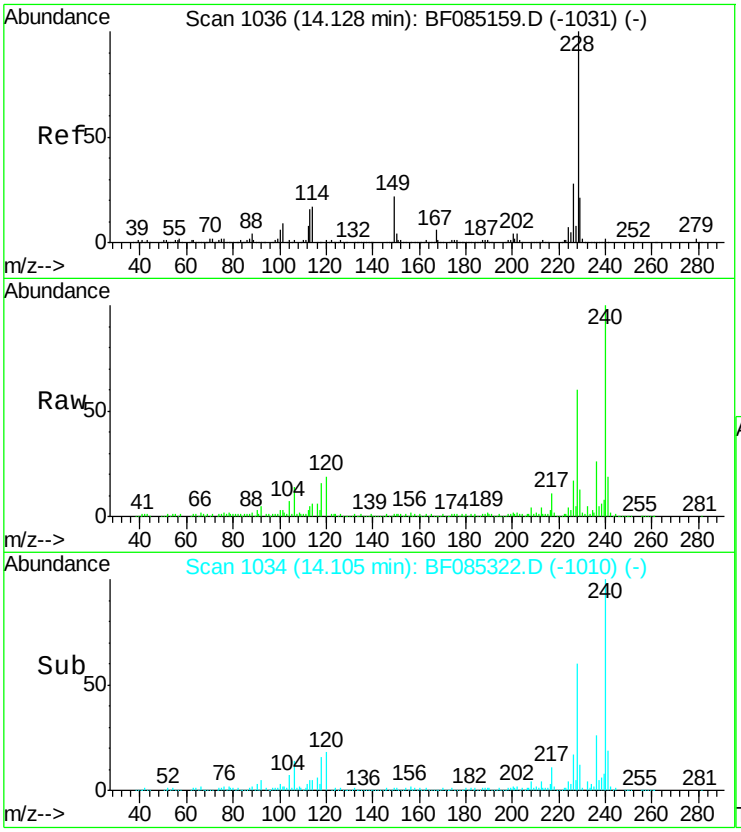


#78
Terphenyl-d14
Concen: 101.51 ng
RT: 13.07 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:244 Resp: 1451615

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	9.7	11.4	17.2#



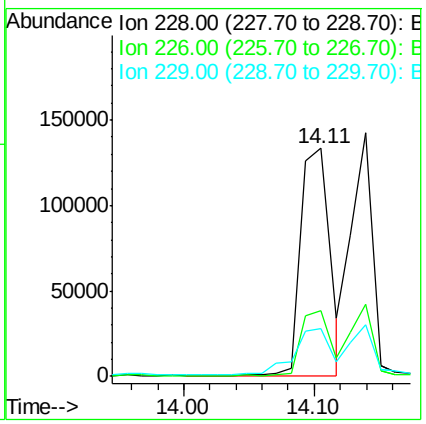


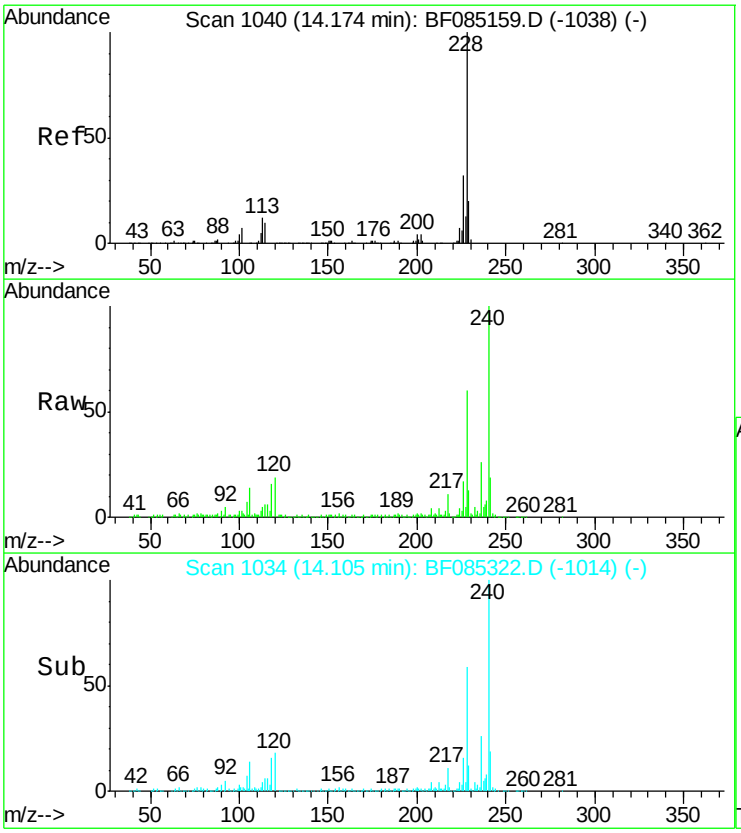
#80
Benzo(a)anthracene
Concen: 10.36 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion:228 Resp: 205972

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.8	34.2
229	21.1	16.6	24.8

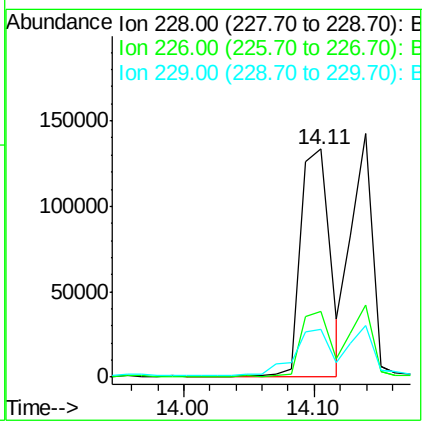


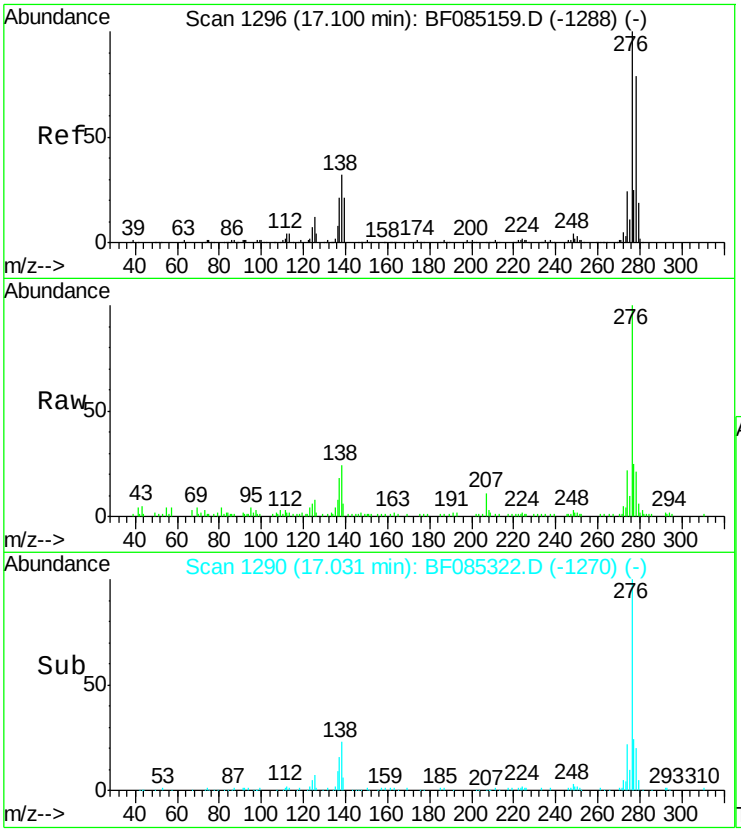


#82
Chrysene
Concen: 11.22 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.07 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:228 Resp: 205972

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.2	37.8
229	21.1	16.0	24.0



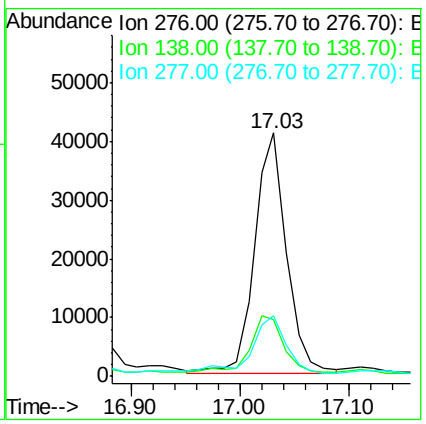


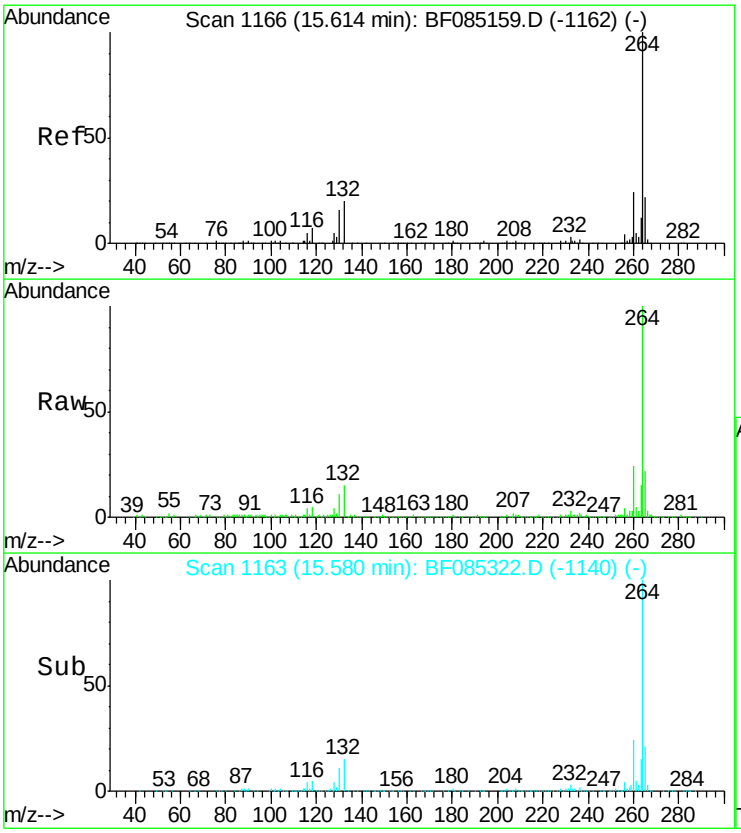
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.83 ng
RT: 17.03 min Scan# 1290
Delta R.T. -0.07 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion:276 Resp: 83541

Ion	Ratio	Lower	Upper
276	100		
138	27.1	26.4	39.6
277	28.0	20.2	30.2

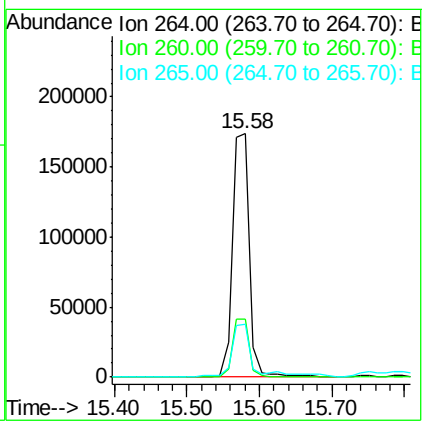


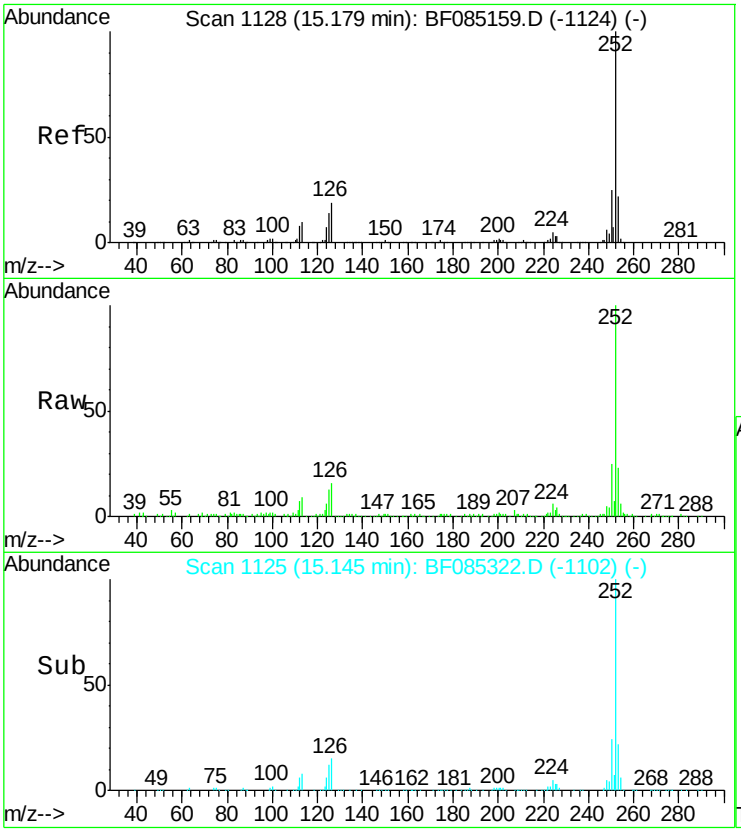


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:264 Resp: 278148

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.3	25.9



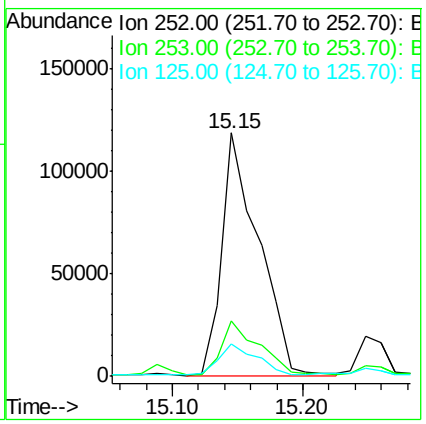


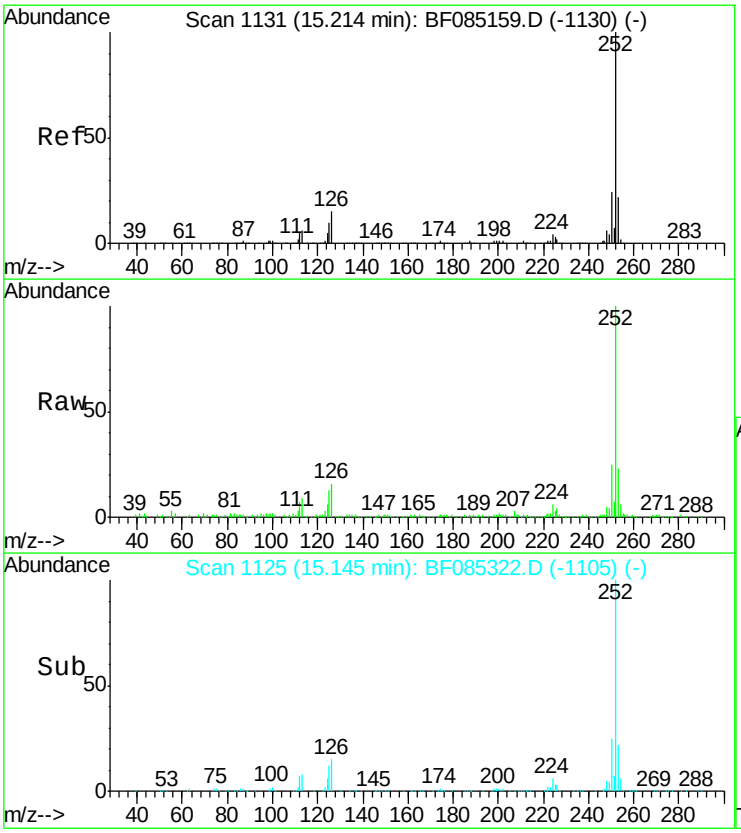
#87
Benzo(b)fluoranthene
Concen: 12.58 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion:252 Resp: 233210

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	13.1	11.3	16.9

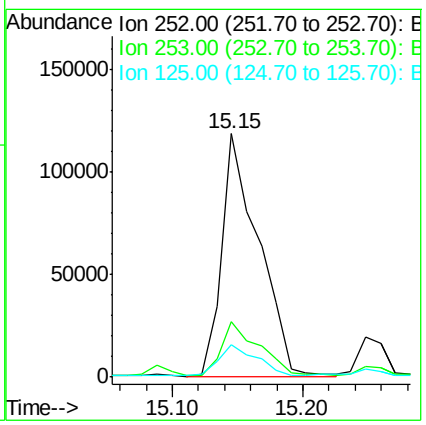


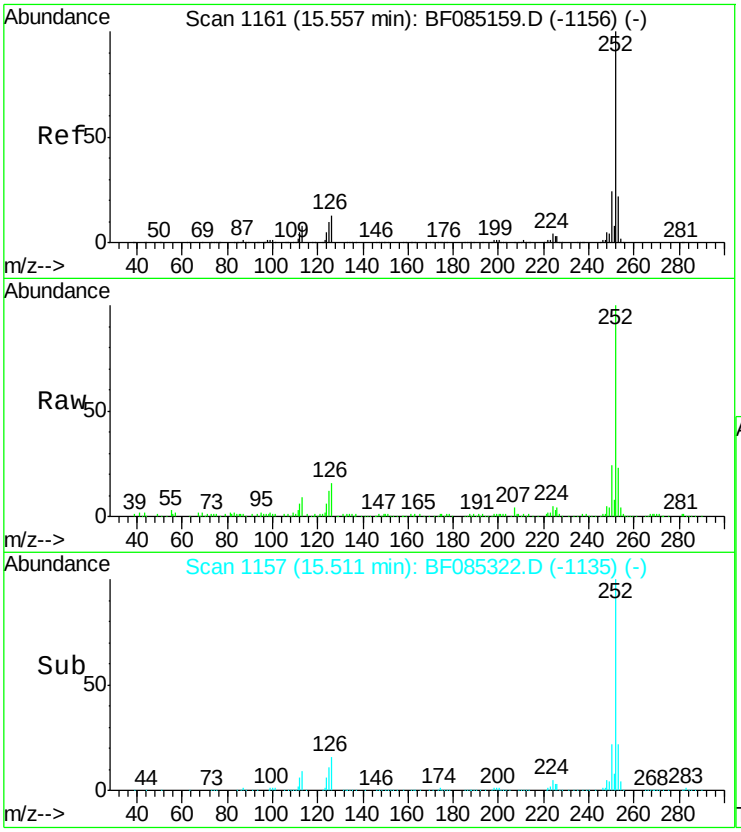


#88
Benzo(k)fluoranthene
Concen: 15.60 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:252 Resp: 233210

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	13.1	10.4	15.6



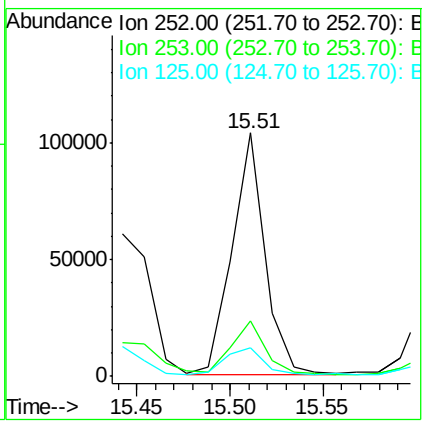


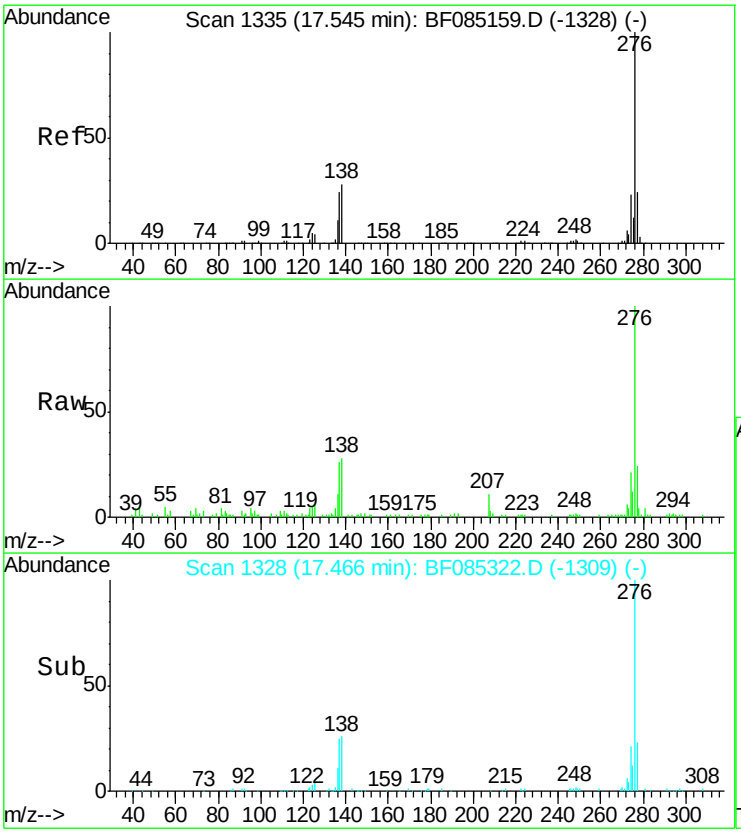
#89
Benzo(a)pyrene
Concen: 8.37 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-33(0.5-2.0)

Tgt Ion:252 Resp: 128523

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	11.6	8.2	12.4





#91
Benzo(g,h,i)perylene
Concen: 6.22 ng
RT: 17.47 min Scan# 1328
Delta R.T. -0.08 min
Lab File: BF085322.D
Acq: 10 Mar 2016 2:20

Tgt Ion:276 Resp: 81980

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	27.9	22.5	33.7