Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085248.D
Acq On : 5 Mar 2016 12:20
Operator : SJ/IZ
Sample : H1675-07 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-004(0-2)

Quant Time: Mar 07 00:06:46 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	6.97	152	77738	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	301508	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	119846	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	195788	20.00	ng		-0.01
75) Chrysene-d12	14.13	240	140131	20.00	ng		-0.02
86) Perylene-d12	15.60	264	136046	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	165543	35.72	ng		-0.01
7) Phenol-d6	6.58	99	249910	41.16	ng		-0.02
23) Nitrobenzene-d5	7.52	82	132212	23.47	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	12151	11.85	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	255708	32.45	ng		-0.02
78) Terphenyl-d14	13.08	244	156641	25.95	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	528	Below Cal			88
19) n-Nitroso-di-n-propylamine	7.52	70	16804	4.25	ng	#	80
31) Naphthalene	8.28	128	38961	2.63	ng		98
49) Dimethylphthalate	9.72	163	32377	3.52	ng		99
50) 2,6-Dinitrotoluene	10.01	165	15934	8.10	ng	#	25
51) Acenaphthene	10.05	154	44862	6.08	ng		98
54) Dibenzofuran	10.22	168	35342	3.66	ng		91
57) Fluorene	10.56	166	34106	4.49	ng		100
70) Phenanthrene	11.52	178	482566	47.03	ng		97
71) Anthracene	11.57	178	134847	12.38	ng		99
72) Carbazole	11.72	167	51537	5.40	ng		96
74) Fluoranthene	12.71	202	694864	67.48	ng		99
77) Pyrene	12.94	202	639992	60.68	ng		98
80) Benzo(a)anthracene	14.13	228	345922	41.24	ng		99
82) Chrysene	14.13	228	345922	44.64	ng		97
85) Indeno(1,2,3-cd)pyrene	17.08	276	132631	21.93	ng		92
87) Benzo(b)fluoranthene	15.18	252	493542	54.43	ng		98
88) Benzo(k)fluoranthene	15.18	252	493251	67.44	ng		99
89) Benzo(a)pyrene	15.55	252	231539	30.81	ng		97
90) Dibenzo(a,h)anthracene	17.09	278	34243	5.34	ng		96
91) Benzo(g,h,i)perylene	17.52	276	119906	18.59	ng		98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
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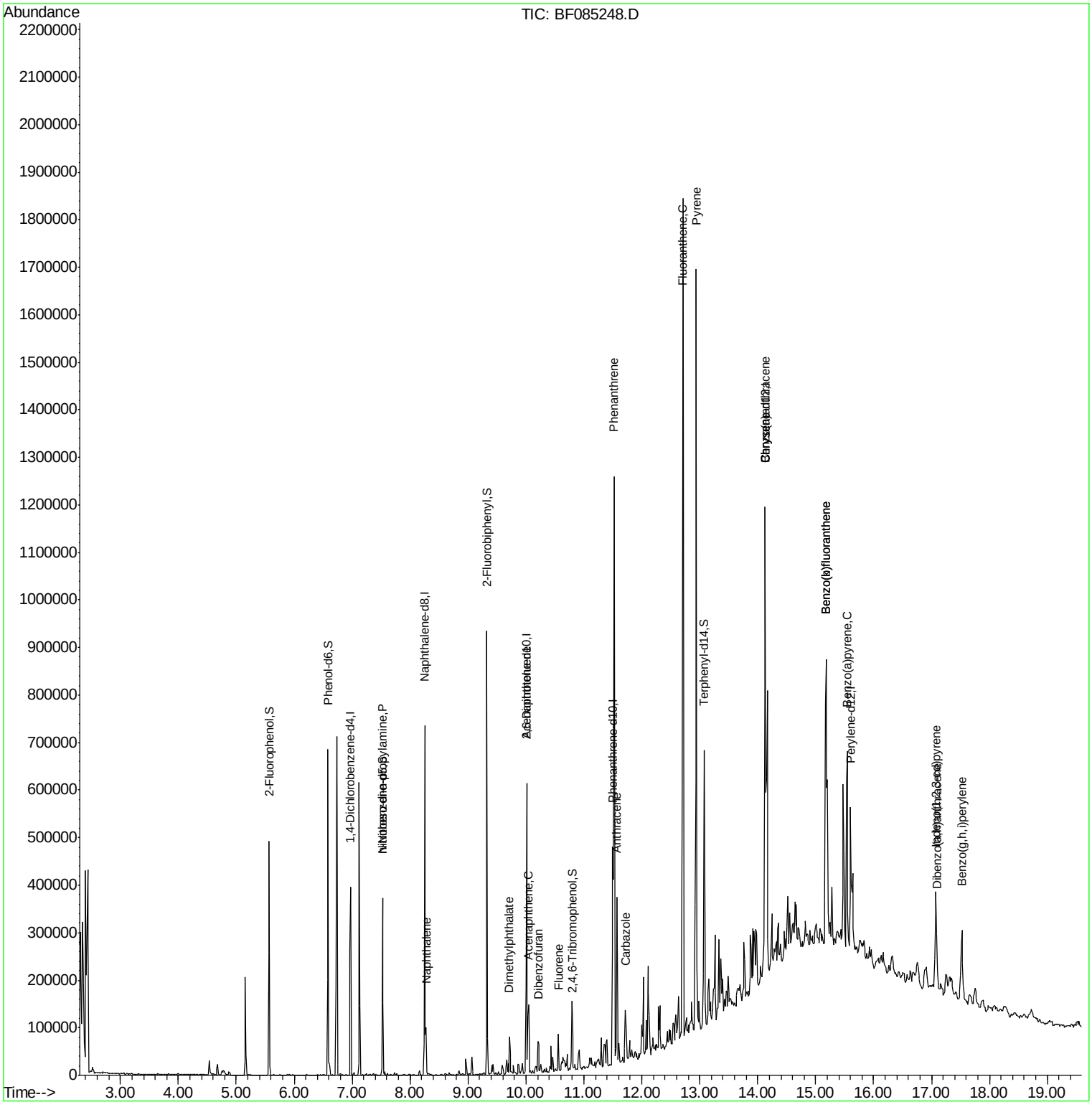
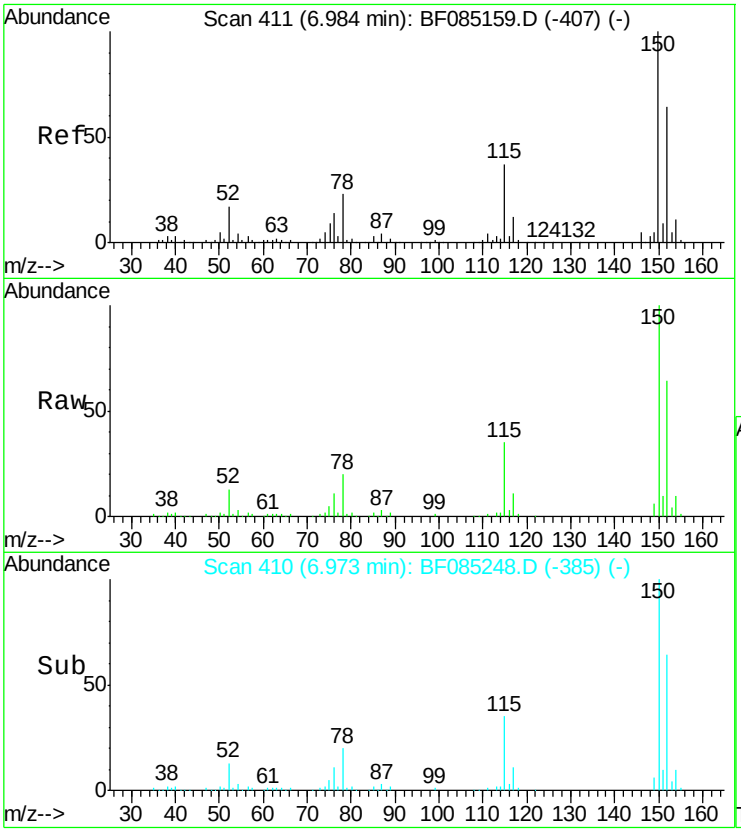


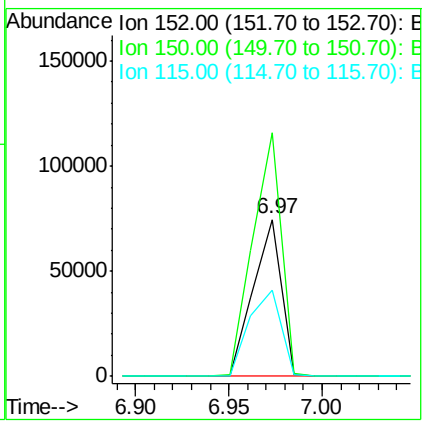


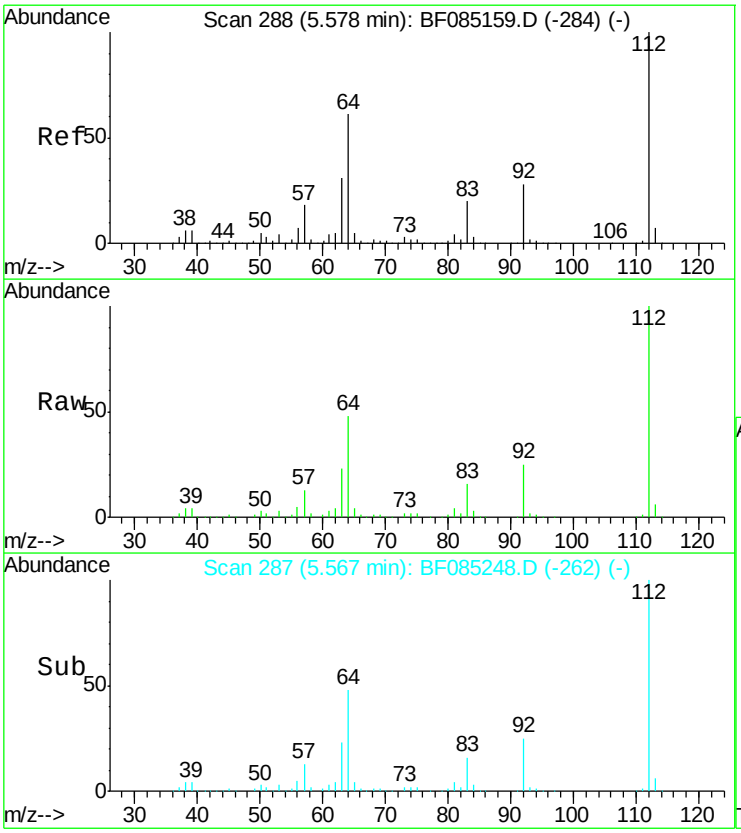
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:152 Resp: 77738

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	54.6	46.6	70.0

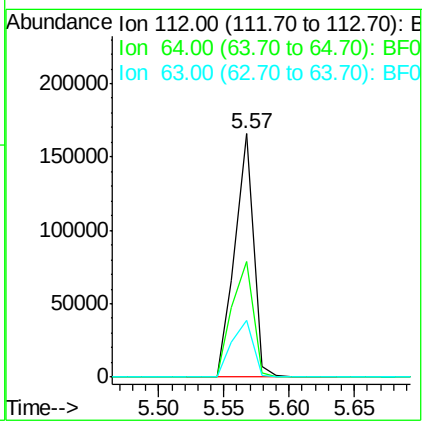


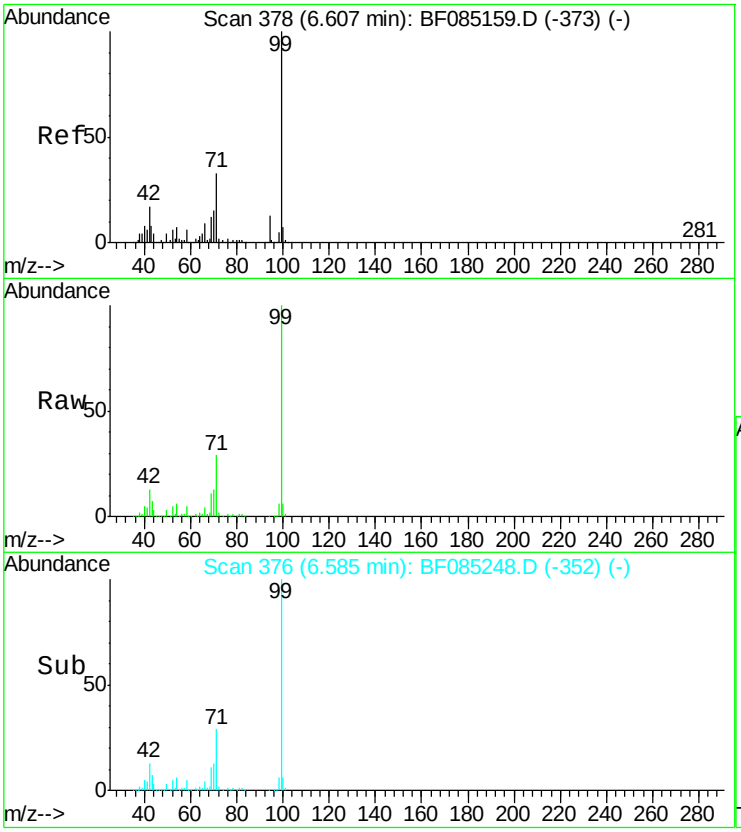


#5
2-Fluorophenol
Concen: 35.72 ng
RT: 5.57 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:112 Resp: 165543

Ion	Ratio	Lower	Upper
112	100		
64	47.6	49.0	73.4#
63	23.4	24.8	37.2#



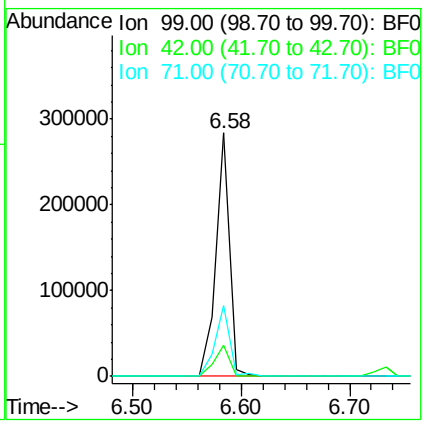


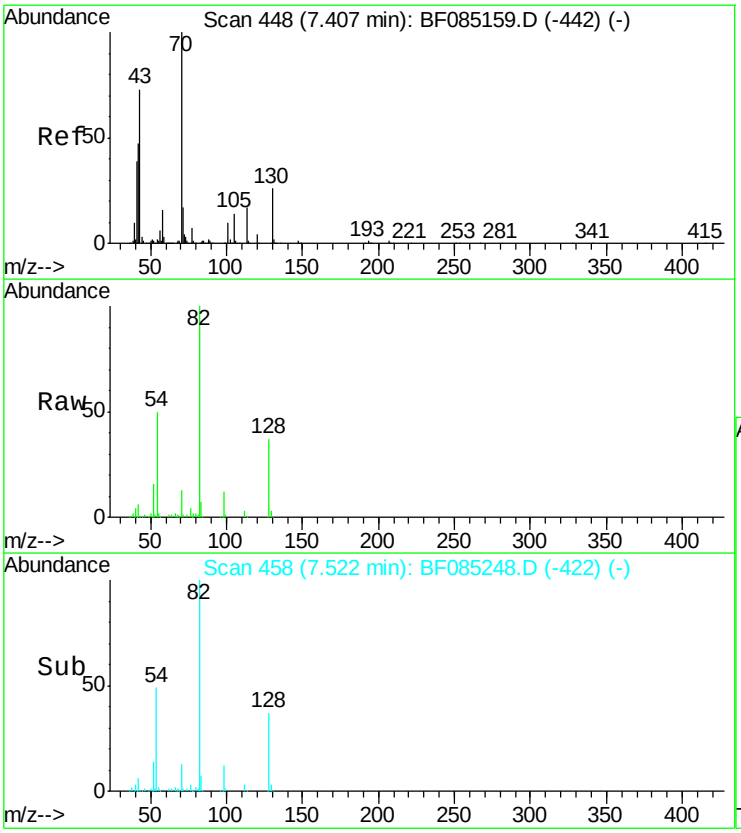
#7
Phenol-d6
Concen: 41.16 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion: 99 Resp: 249910

Ion	Ratio	Lower	Upper
99	100		
42	12.9	13.6	20.4#
71	29.1	26.7	40.1

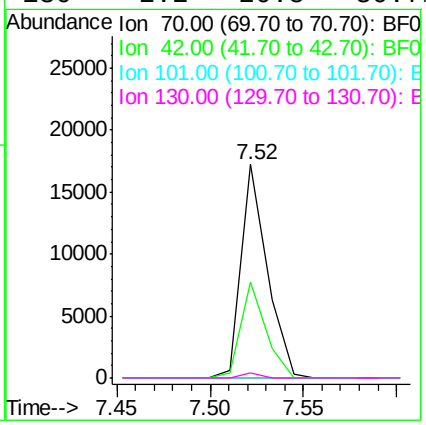


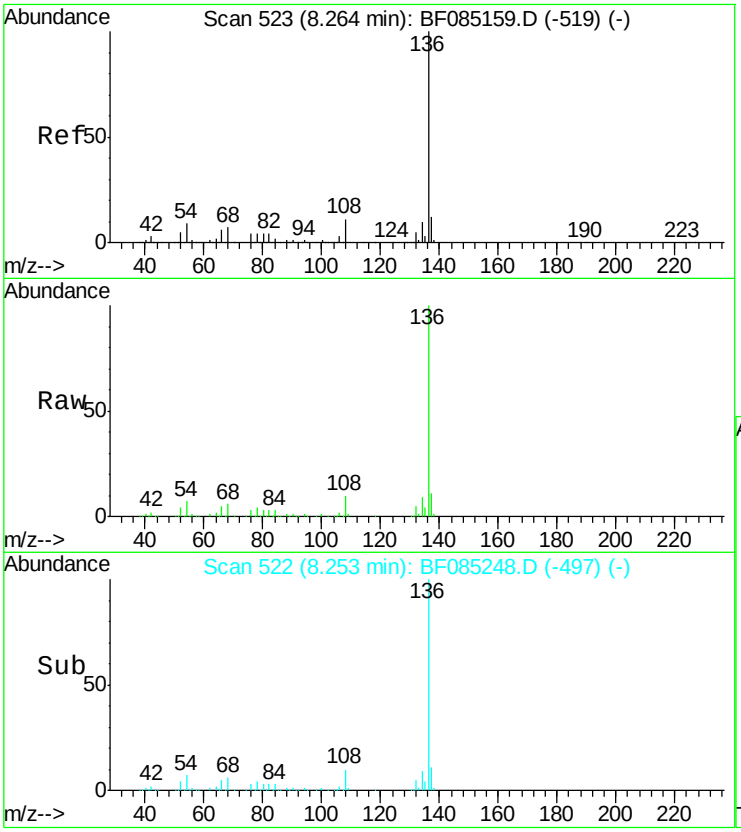


#19
n-Nitroso-di-n-propylamine
Concen: 4.25 ng
RT: 7.52 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion: 70 Resp: 16804

Ion	Ratio	Lower	Upper
70	100		
42	44.7	37.7	56.5
101	0.0	8.2	12.4#
130	2.2	20.5	30.7#



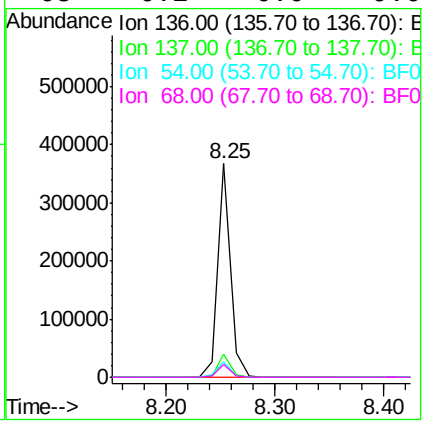


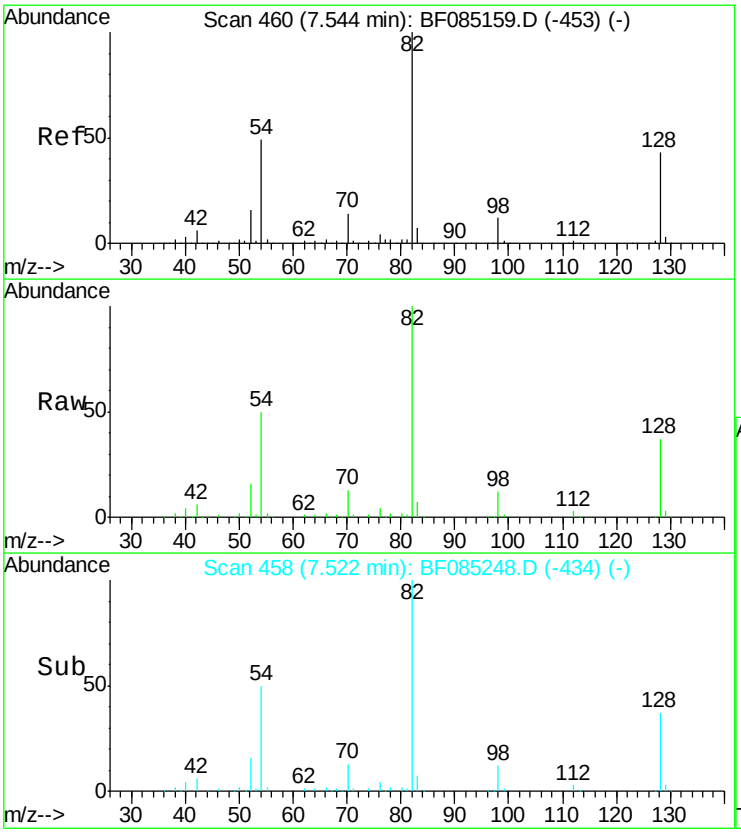
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:136 Resp: 301508

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	7.4	7.4	11.2#
68	6.2	6.0	9.0

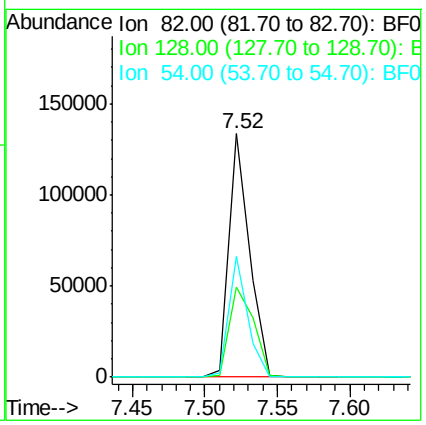


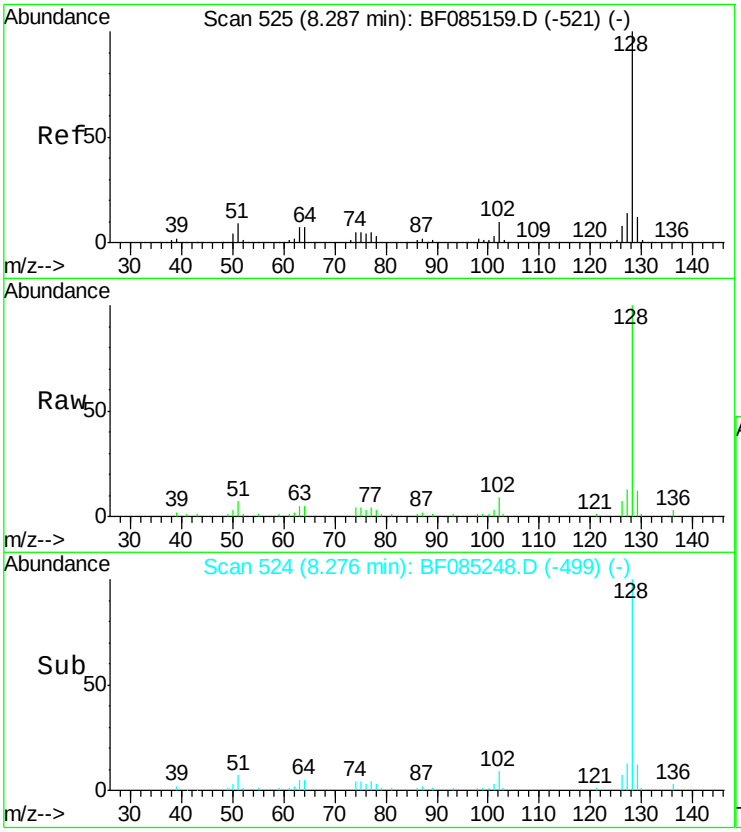


#23
Nitrobenzene-d5
Concen: 23.47 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion: 82 Resp: 132212

Ion	Ratio	Lower	Upper
82	100		
128	37.0	34.5	51.7
54	49.5	39.3	58.9



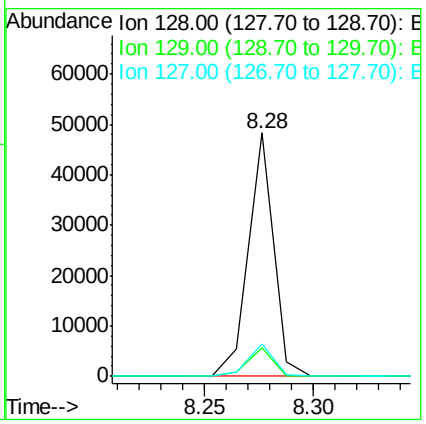


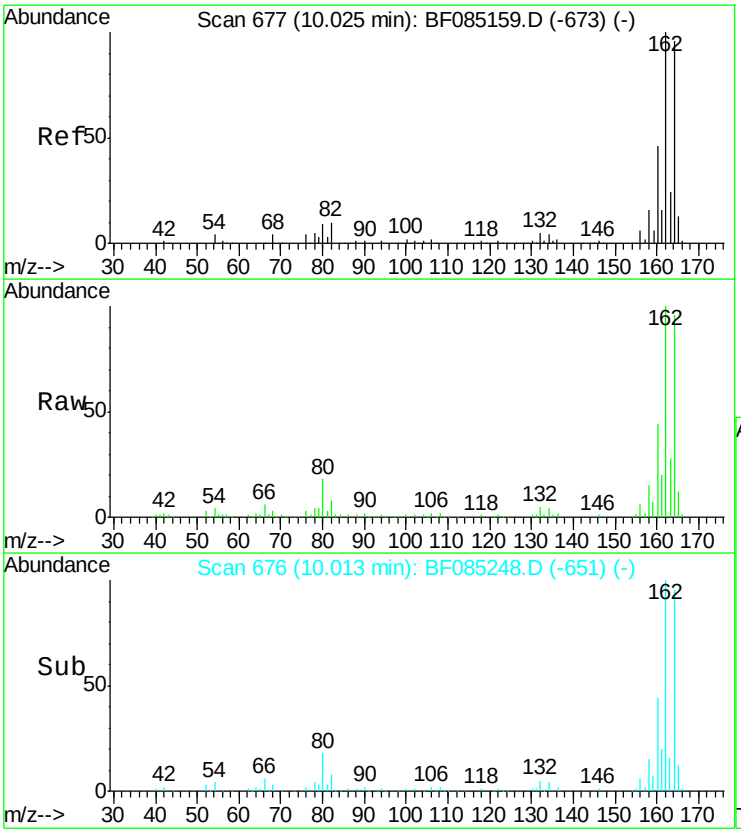
#31
Naphthalene
Concen: 2.63 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:128 Resp: 38961

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.7	14.5
127	13.4	11.2	16.8

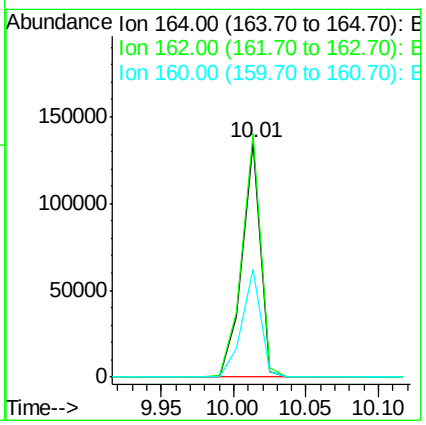


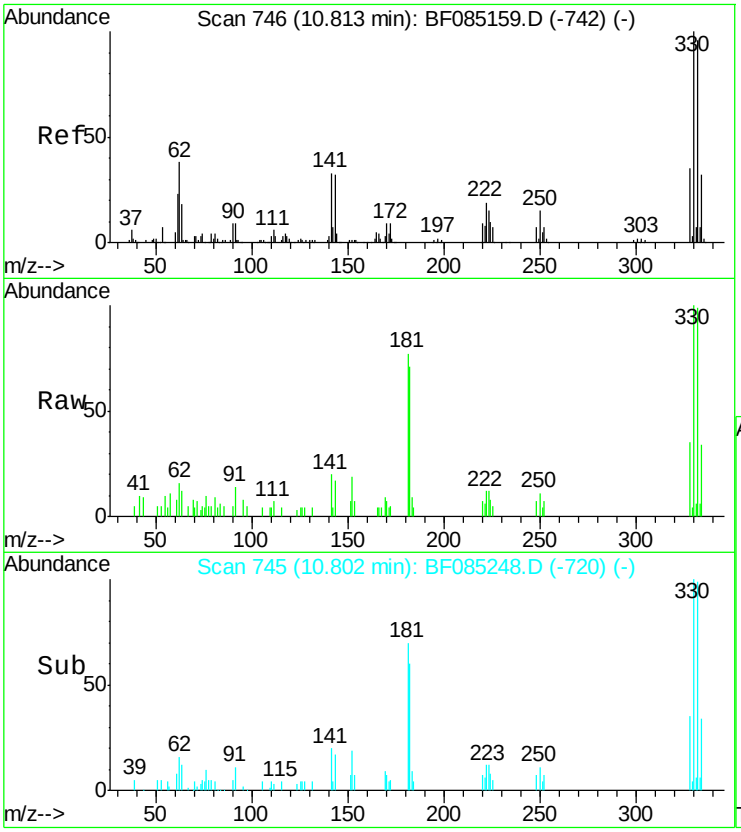


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:164 Resp: 119846

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.3	124.9
160	46.2	37.9	56.9



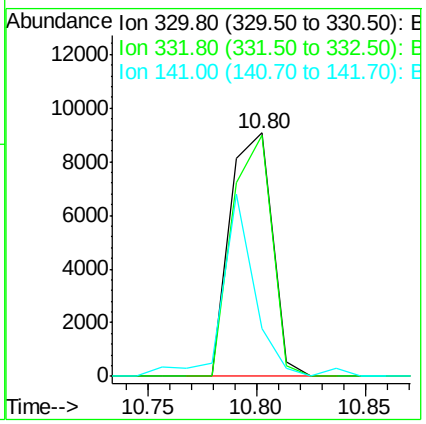


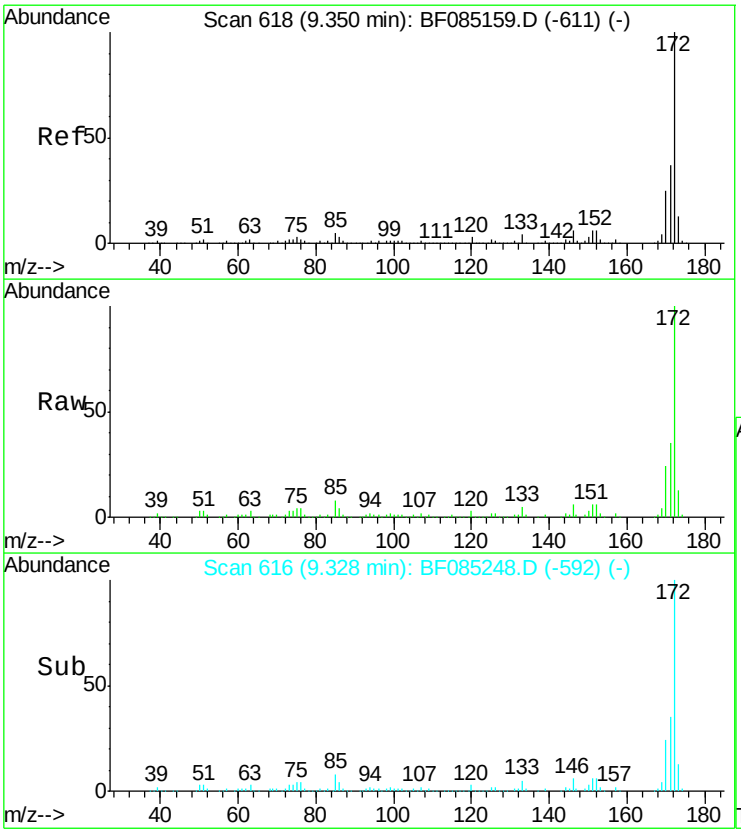
#41
2,4,6-Tribromophenol
Concen: 11.85 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:330 Resp: 12151

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.1	115.7
141	58.5	35.0	52.6#

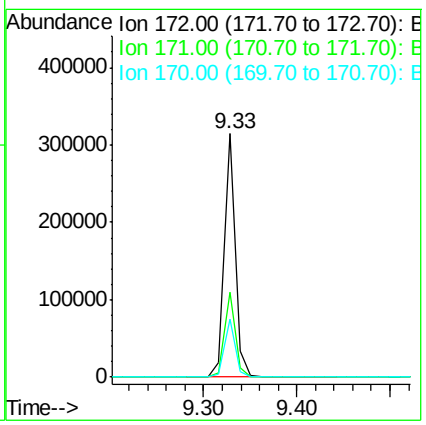


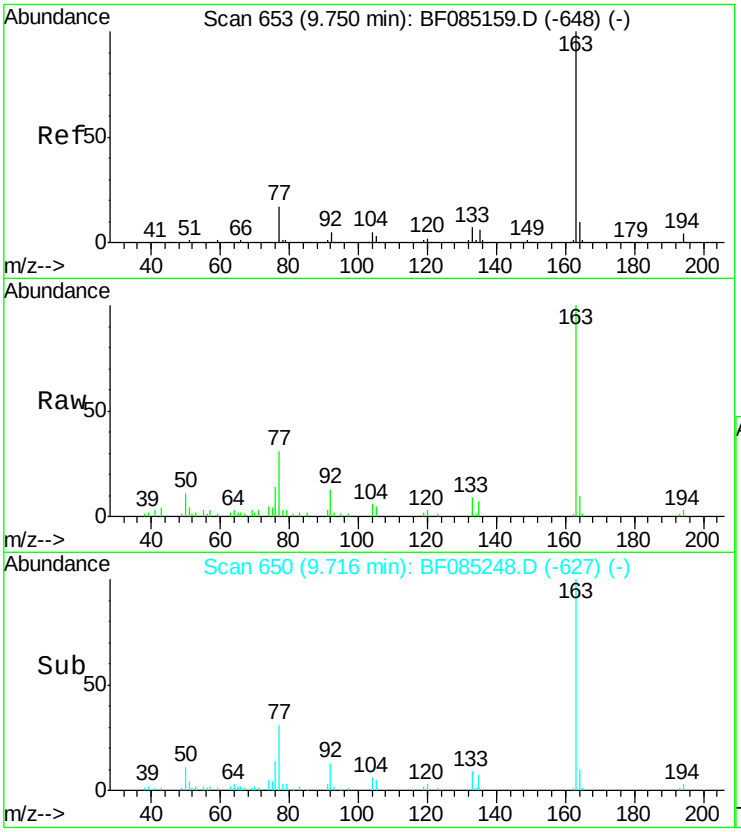


#44
2-Fluorobiphenyl
Concen: 32.45 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:172 Resp: 255708

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.3	43.9
170	23.8	20.0	30.0



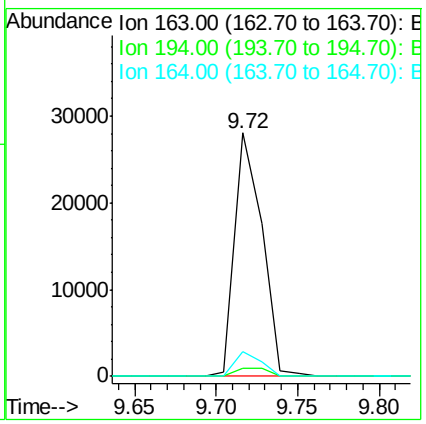


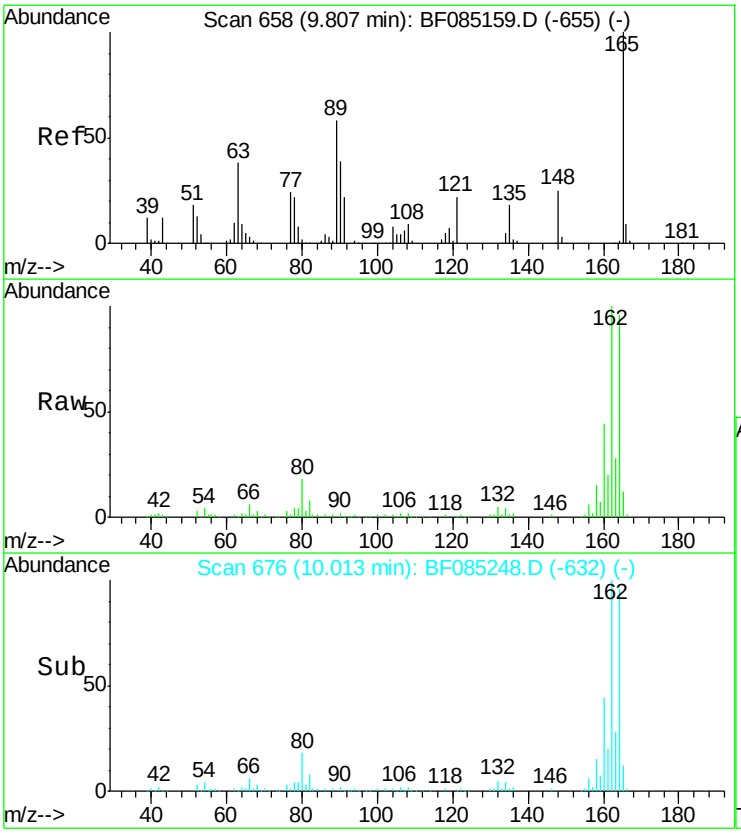
#49
Dimethylphthalate
Concen: 3.52 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:163 Resp: 32377

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.1	4.7
164	10.0	8.2	12.4

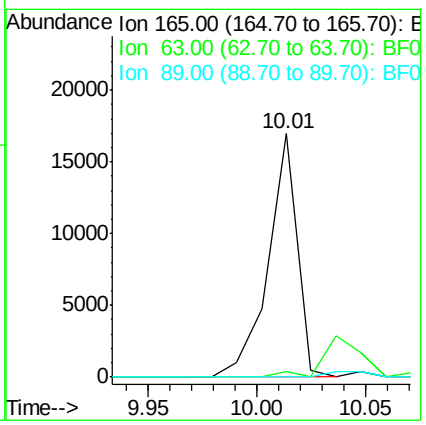


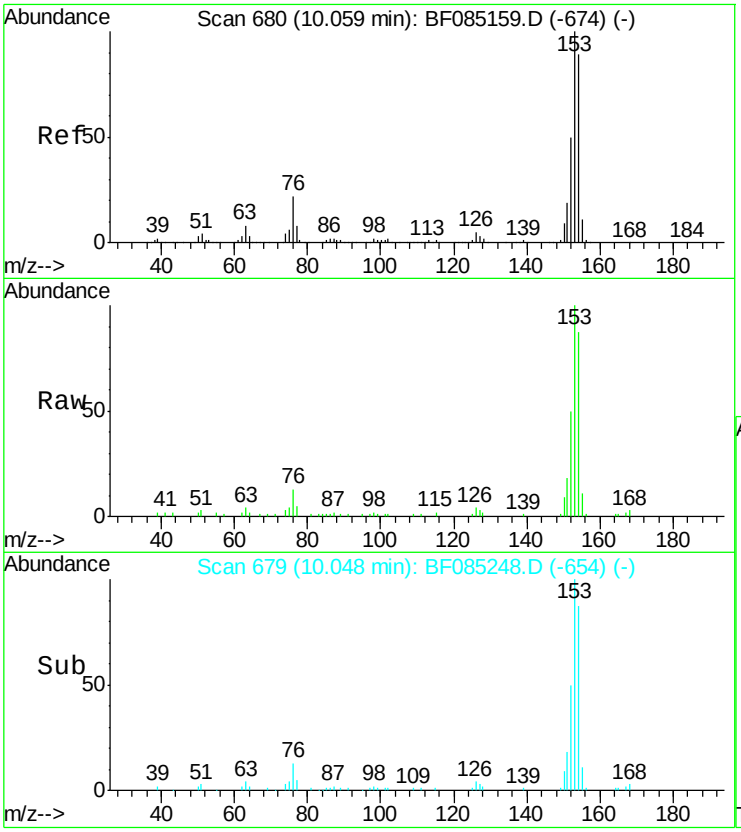


#50
2,6-Dinitrotoluene
Concen: 8.10 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.21 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:165 Resp: 15934

Ion	Ratio	Lower	Upper
165	100		
63	2.3	41.8	62.8#
89	0.0	46.7	70.1#



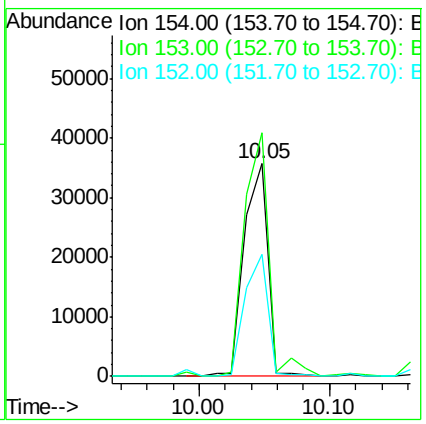


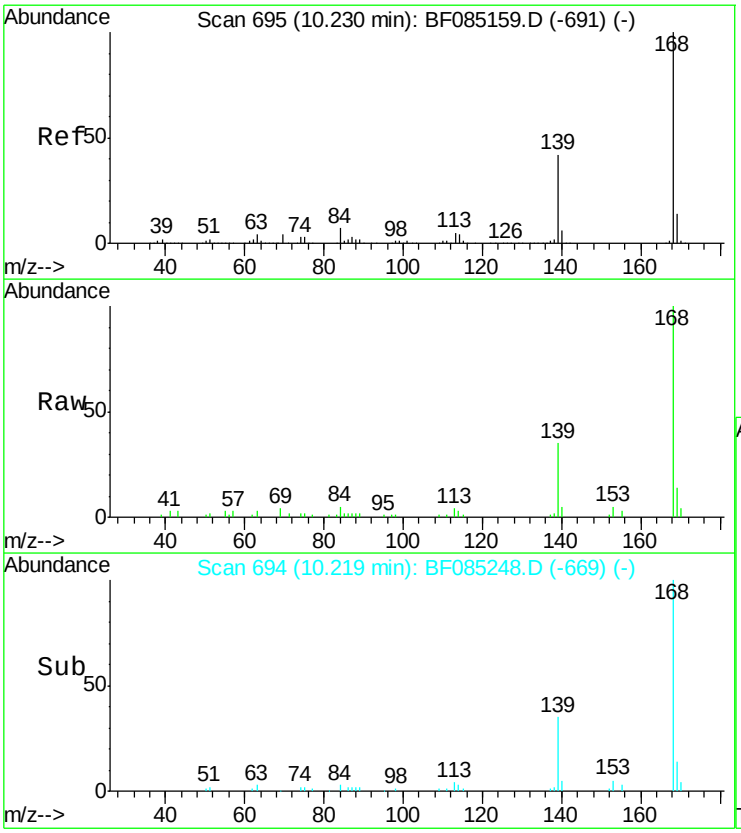
#51
Acenaphthene
Concen: 6.08 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:154 Resp: 44862

Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.8	134.8
152	57.6	44.6	66.8

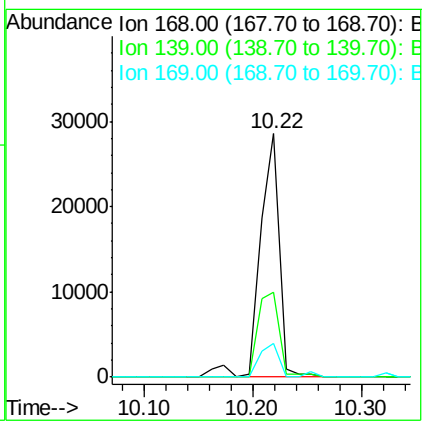


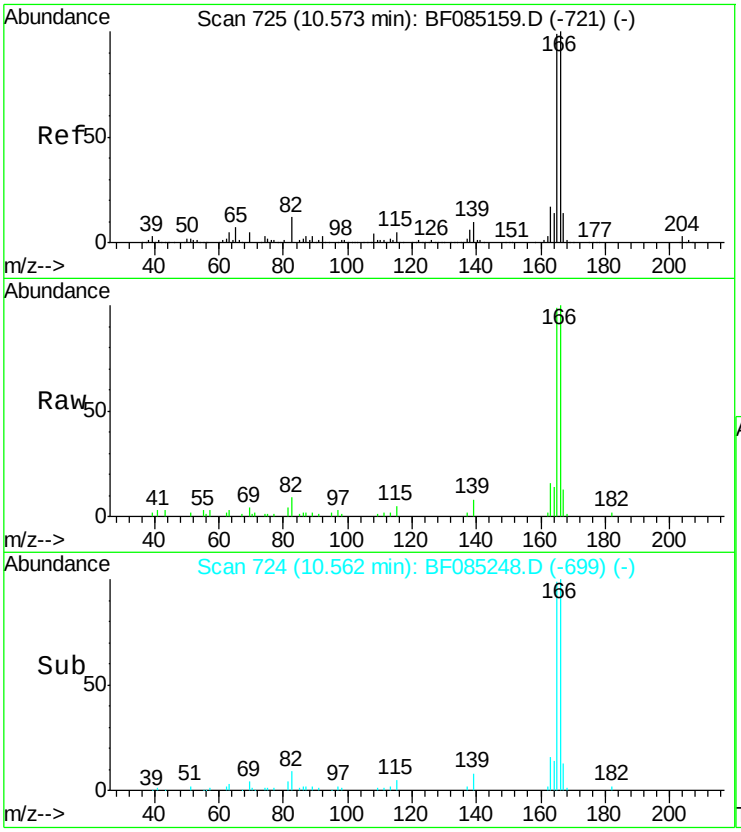


#54
Dibenzofuran
Concen: 3.66 ng
RT: 10.22 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:168 Resp: 35342

Ion	Ratio	Lower	Upper
168	100		
139	34.9	33.6	50.4
169	13.6	11.2	16.8



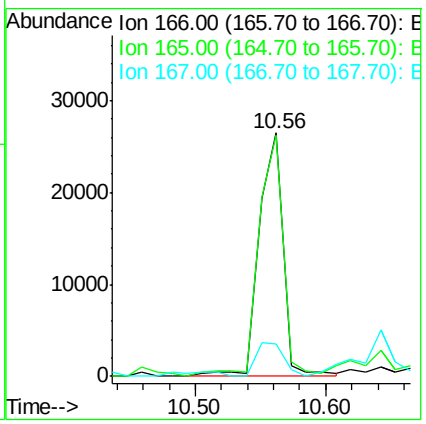


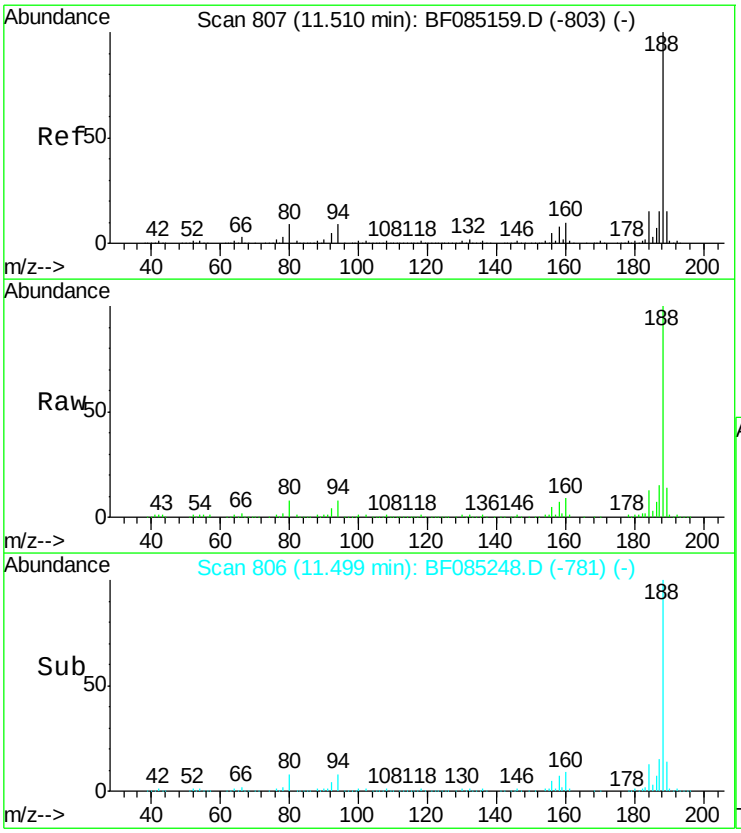
#57
Fluorene
Concen: 4.49 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:166 Resp: 34106

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.4	119.0
167	13.4	11.0	16.6

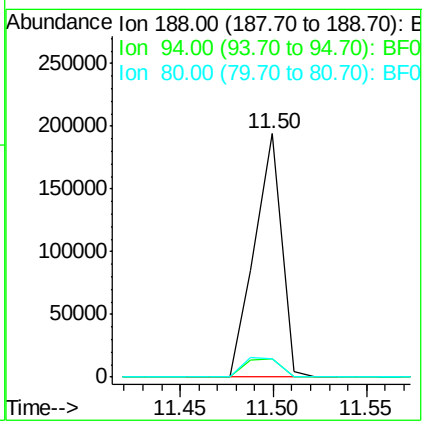


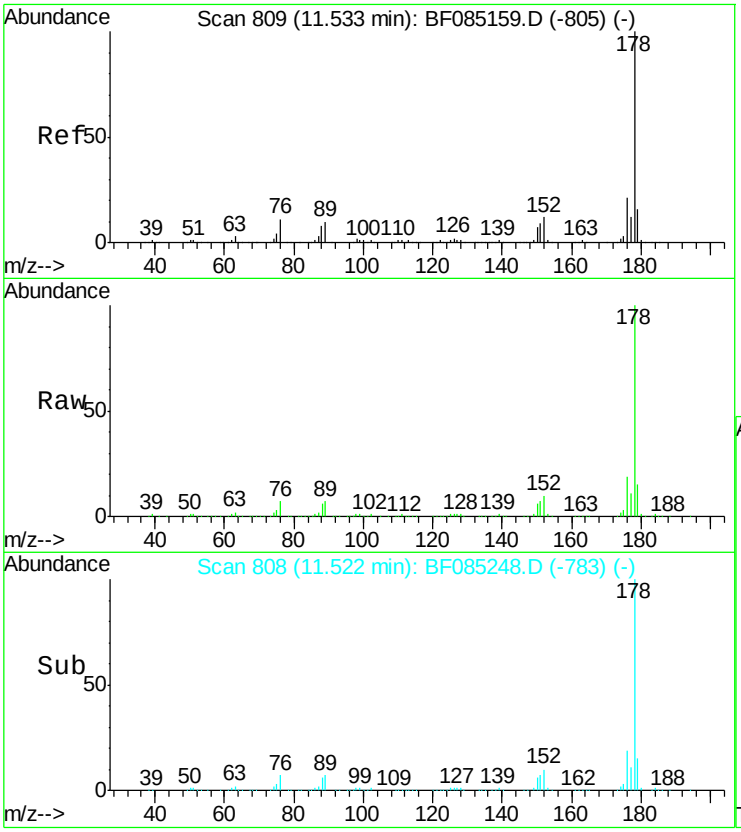


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:188 Resp: 195788

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.0	10.6
80	7.7	7.4	11.0



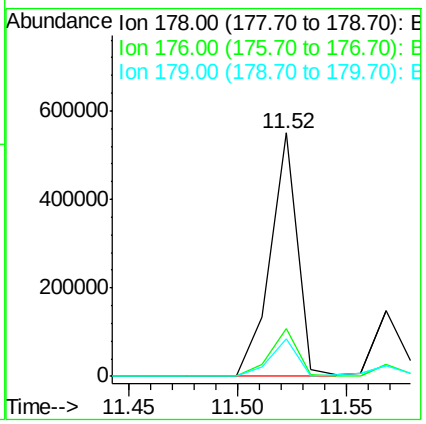


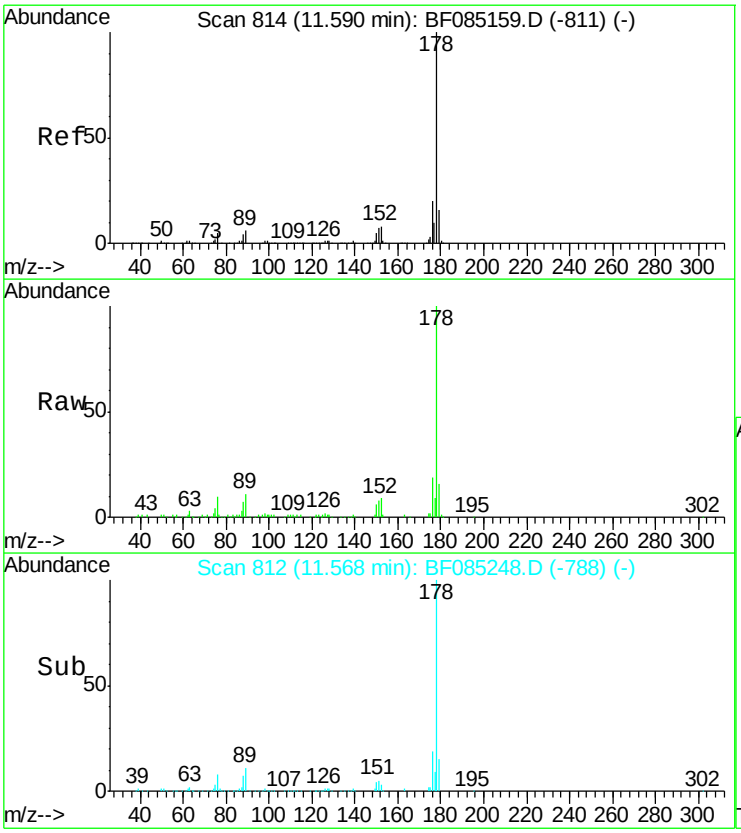
#70
Phenanthrene
Concen: 47.03 ng
RT: 11.52 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:178 Resp: 482566

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.8	25.2
179	15.2	13.1	19.7

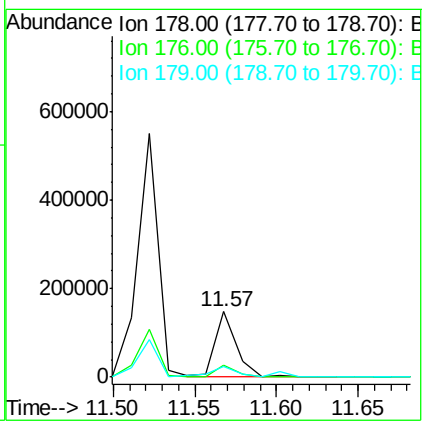


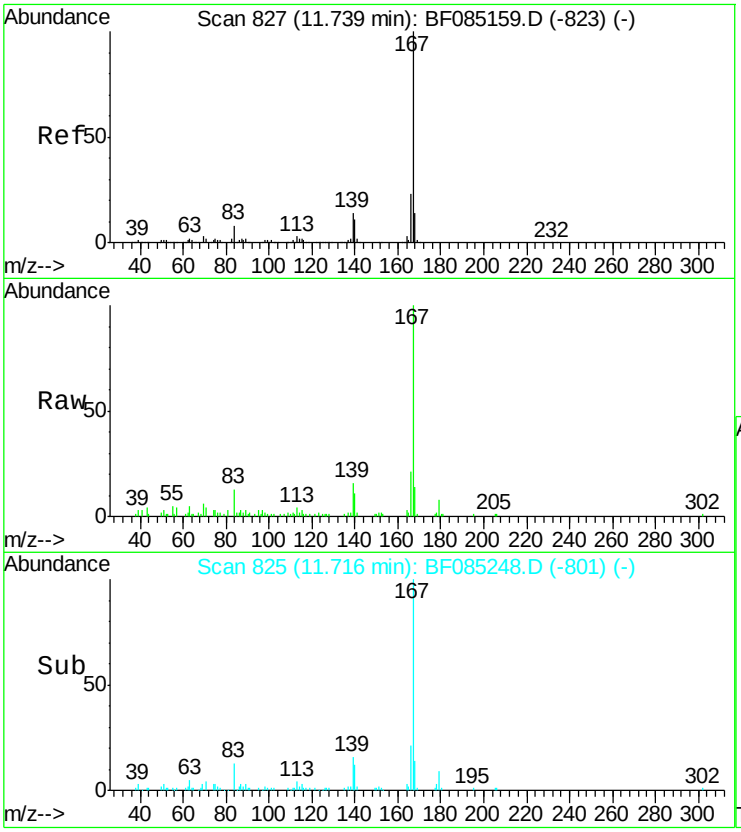


#71
Anthracene
Concen: 12.38 ng
RT: 11.57 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:178 Resp: 134847

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



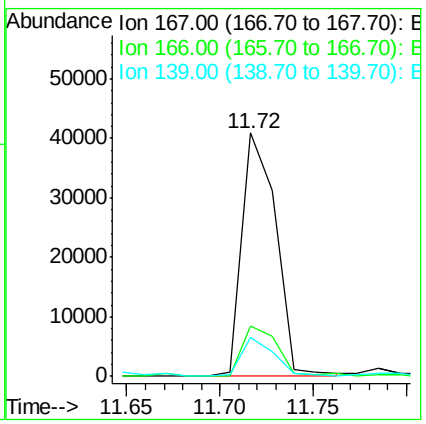


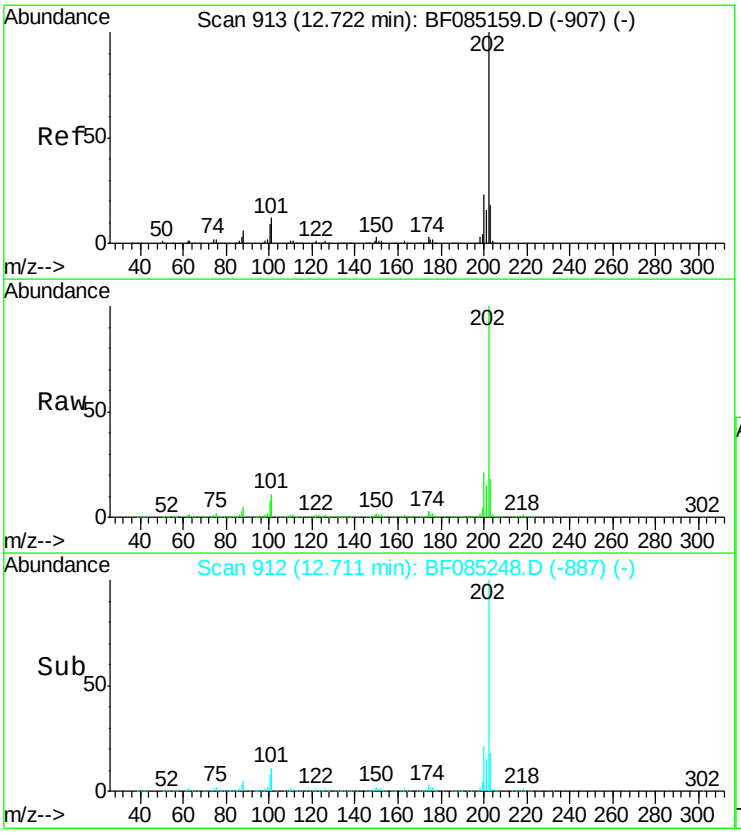
#72
Carbazole
Concen: 5.40 ng
RT: 11.72 min Scan# 825
Delta R.T. -0.02 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:167 Resp: 51537

Ion	Ratio	Lower	Upper
167	100		
166	20.7	18.2	27.2
139	15.8	11.4	17.0

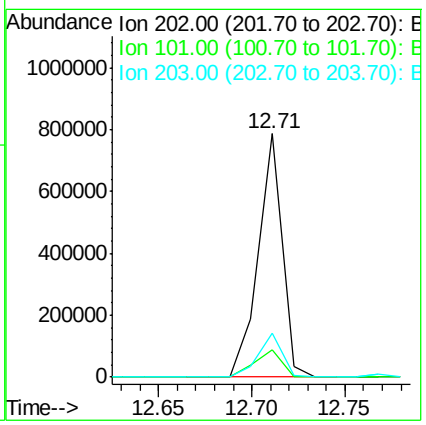


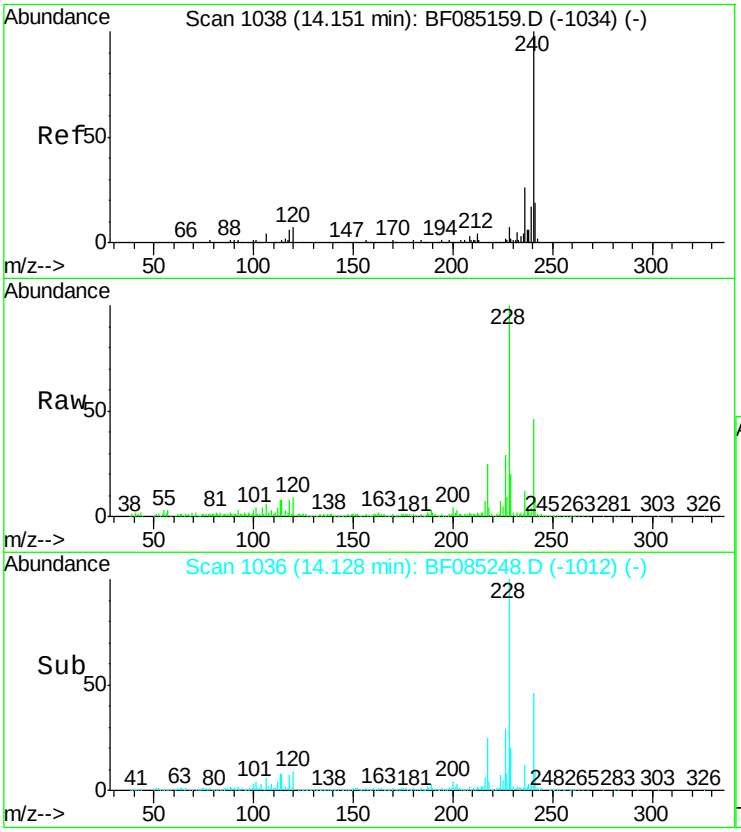


#74
Fluoranthene
Concen: 67.48 ng
RT: 12.71 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:202 Resp: 694864

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.8
203	17.8	0.0	38.4



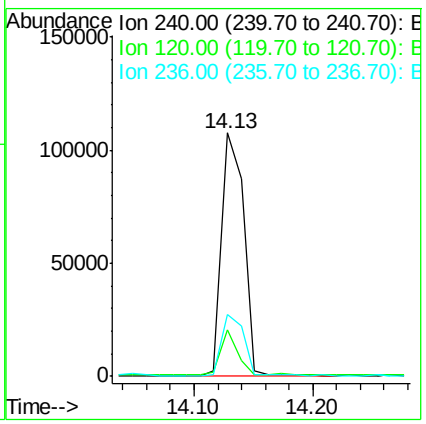


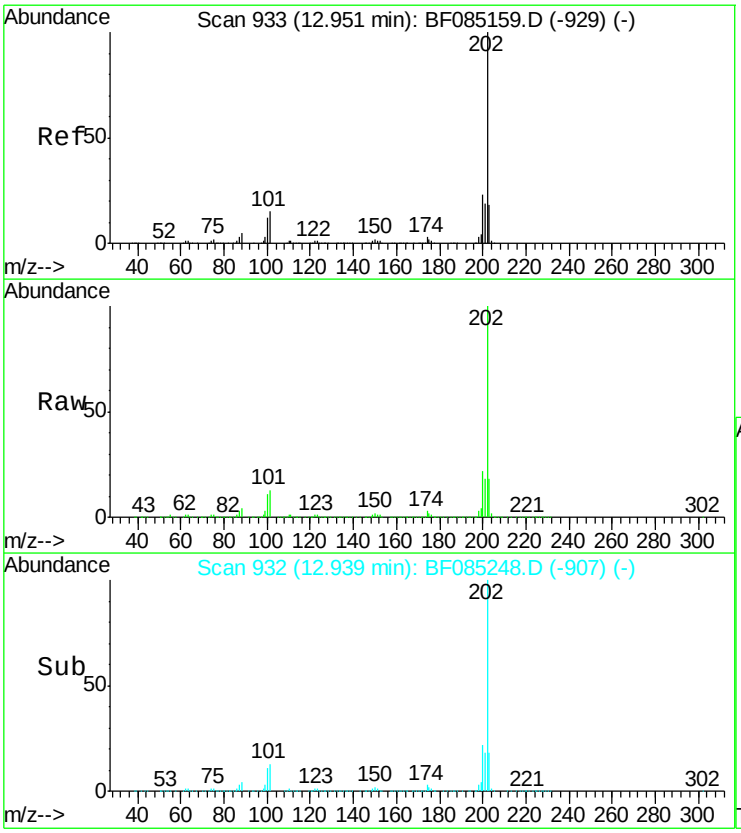
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:240 Resp: 140131

Ion	Ratio	Lower	Upper
240	100		
120	19.2	5.3	7.9#
236	25.5	20.7	31.1

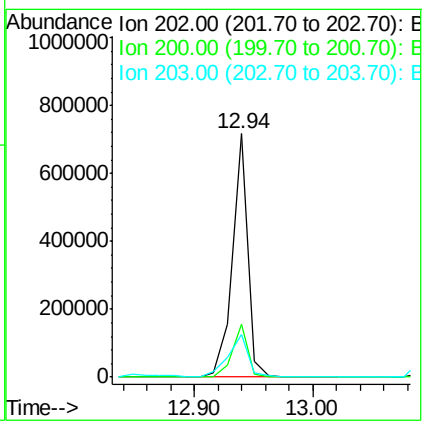


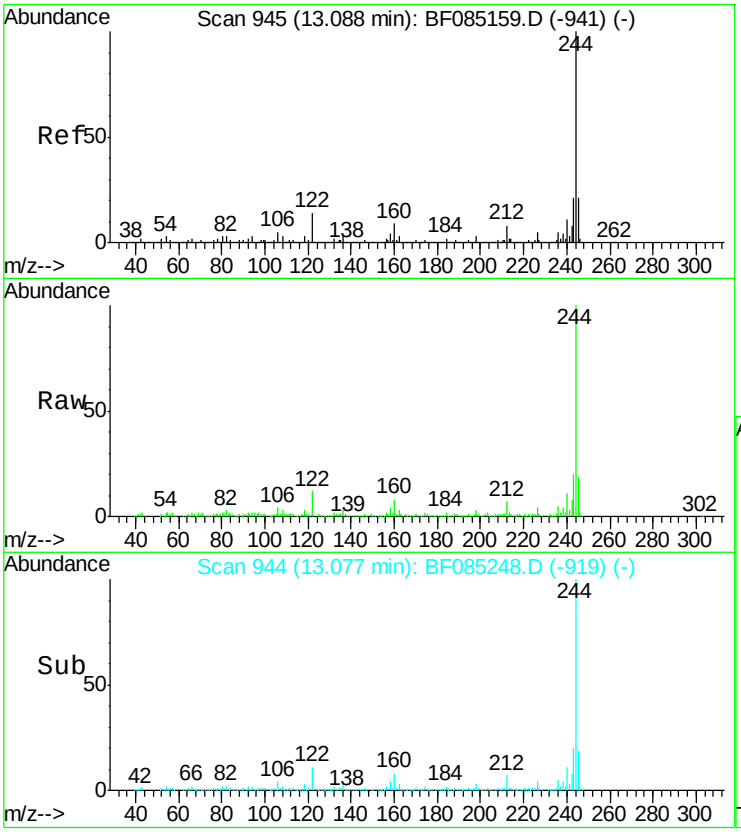


#77
Pyrene
Concen: 60.68 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:202 Resp: 639992

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.2	27.4
203	17.7	14.7	22.1



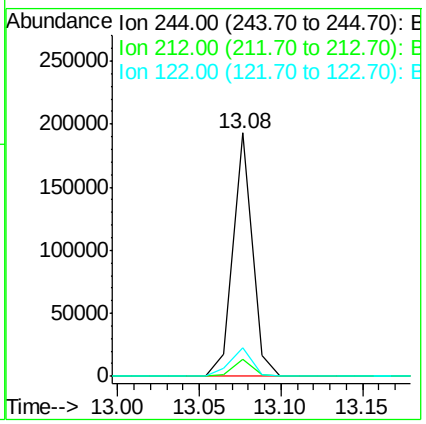


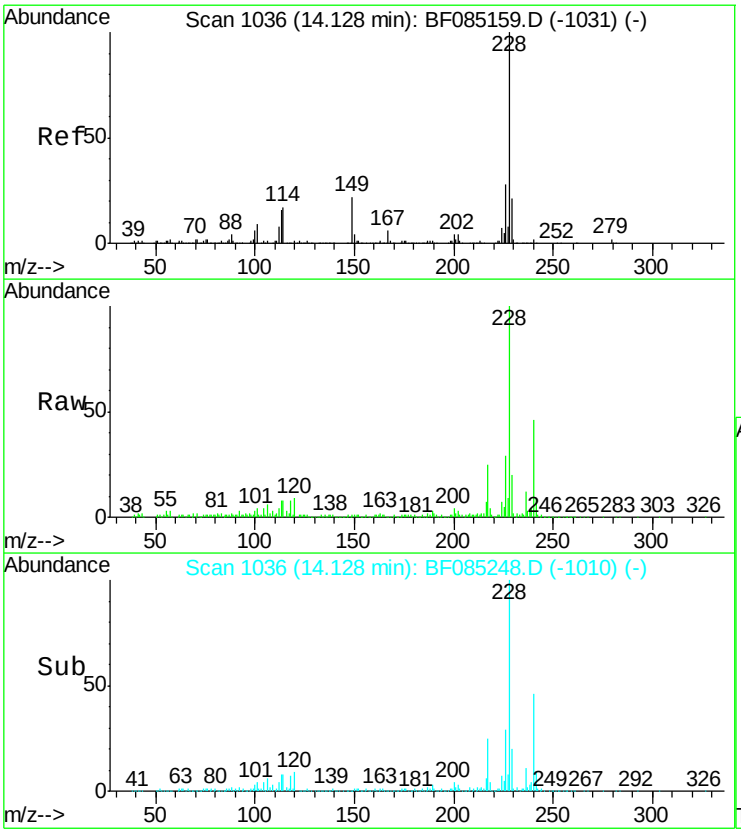
#78
Terphenyl-d14
Concen: 25.95 ng
RT: 13.08 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:244 Resp: 156641

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	11.7	11.4	17.2

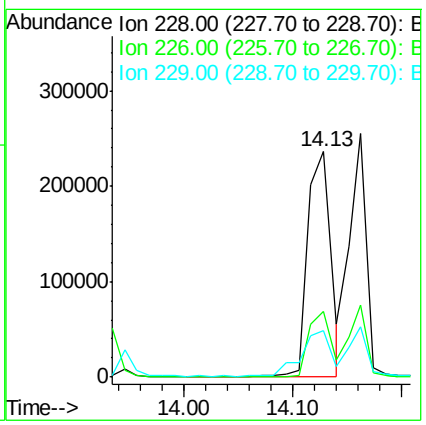


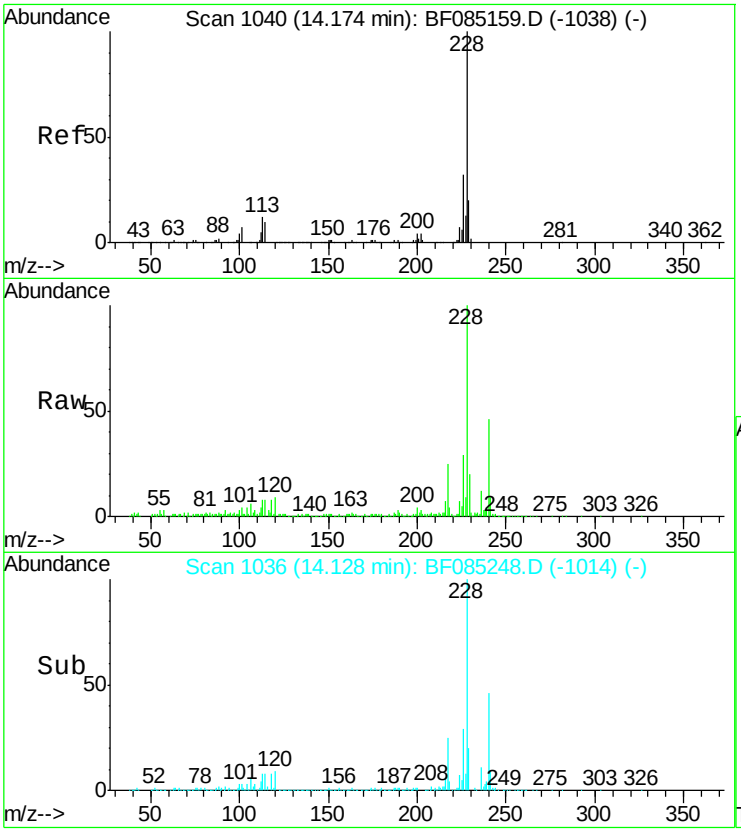


#80
Benzo(a)anthracene
Concen: 41.24 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:228 Resp: 345922

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.8	34.2
229	20.5	16.6	24.8



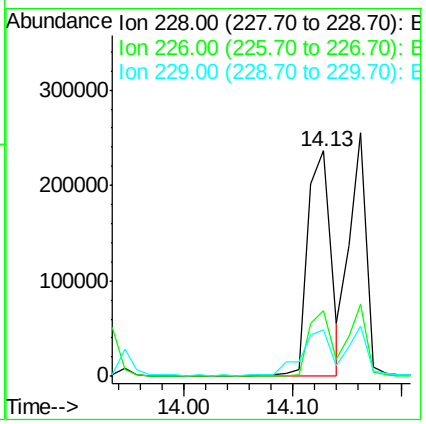


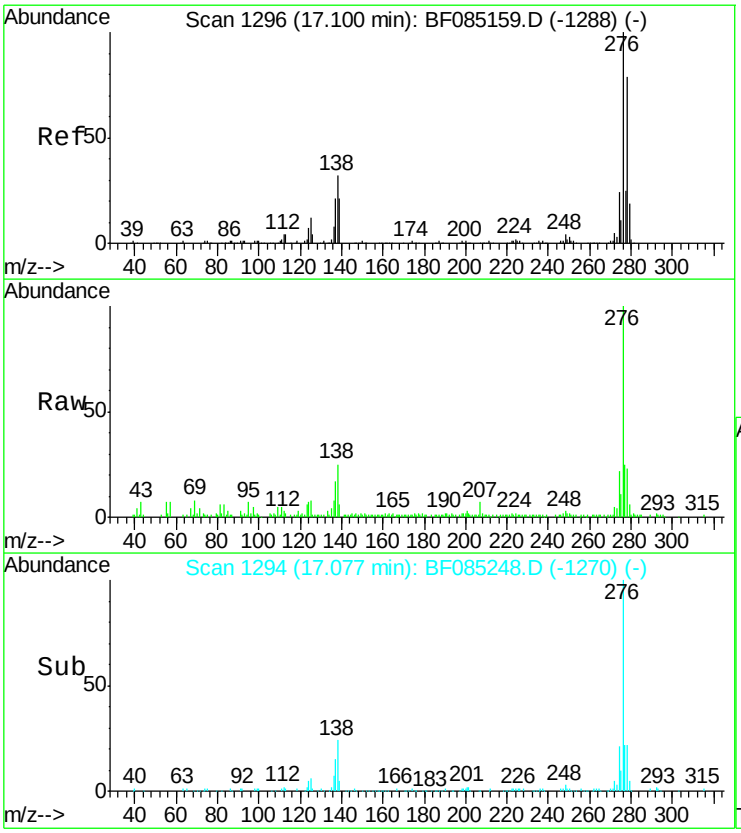
#82
Chrysene
Concen: 44.64 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:228 Resp: 345922

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.2	37.8
229	20.5	16.0	24.0

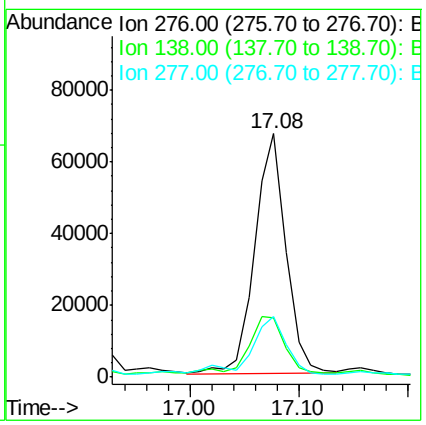


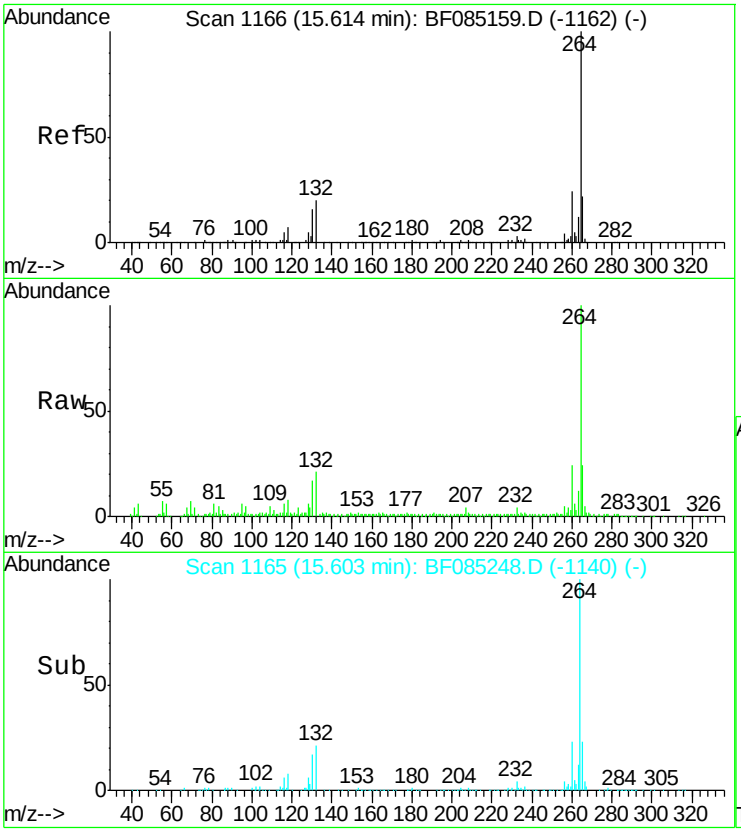


#85
Indeno(1,2,3-cd)pyrene
Concen: 21.93 ng
RT: 17.08 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:276 Resp: 132631

Ion	Ratio	Lower	Upper
276	100		
138	28.2	26.4	39.6
277	28.7	20.2	30.2



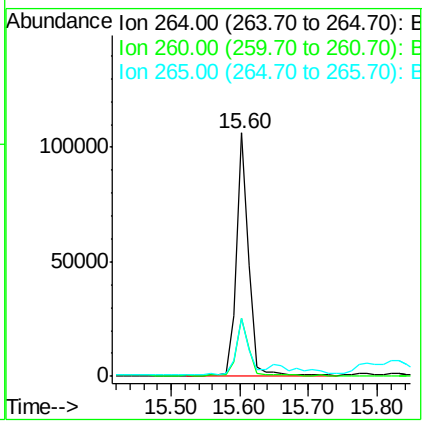


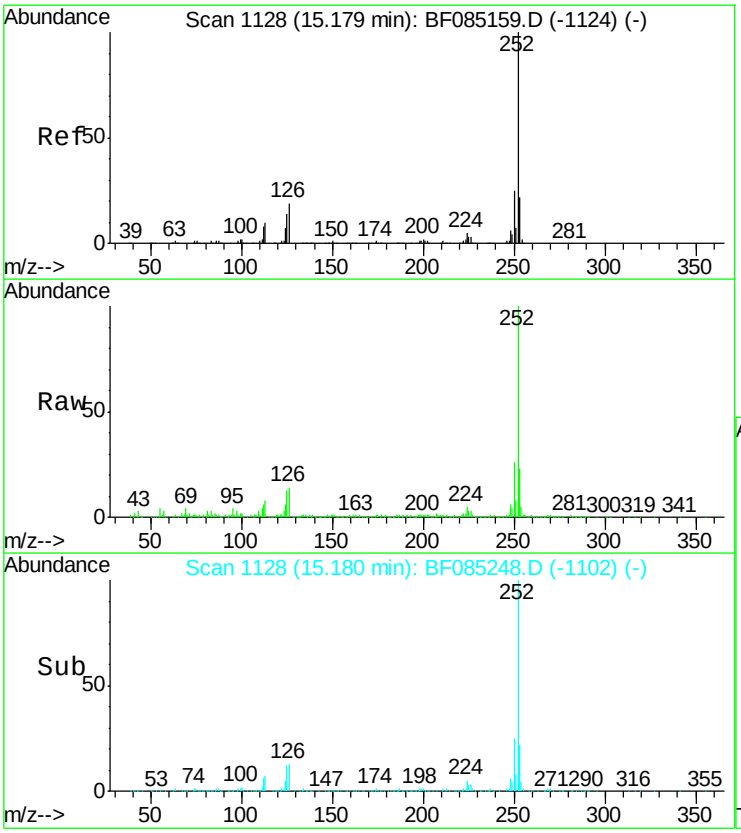
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:264 Resp: 136046

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	23.6	17.3	25.9

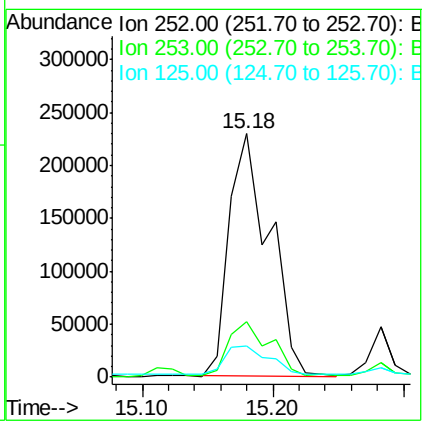


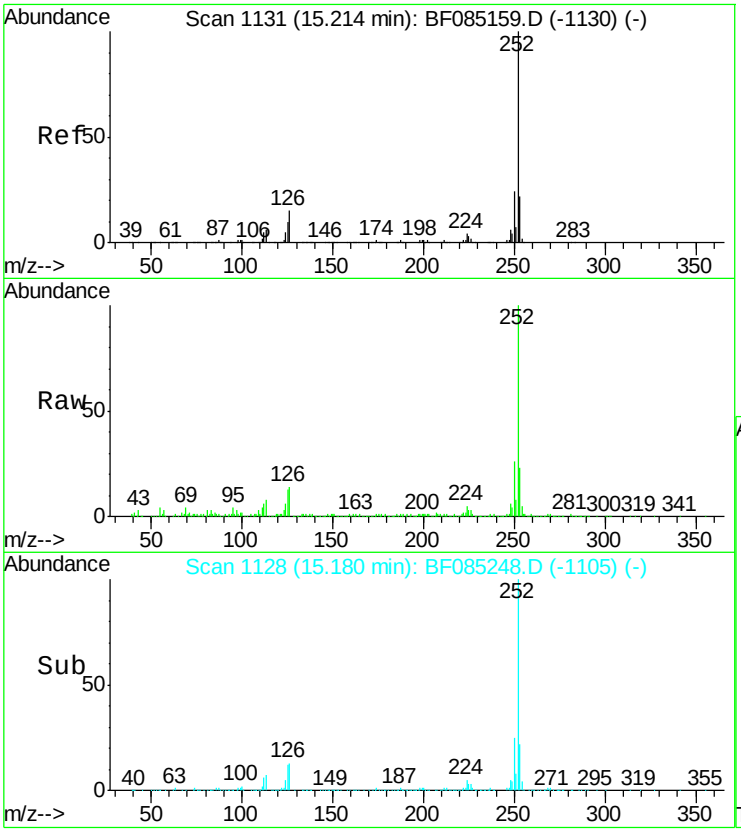


#87
Benzo(b)fluoranthene
Concen: 54.43 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:252 Resp: 493542

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	13.0	11.3	16.9



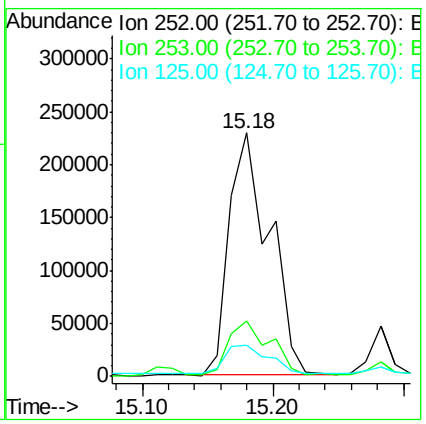


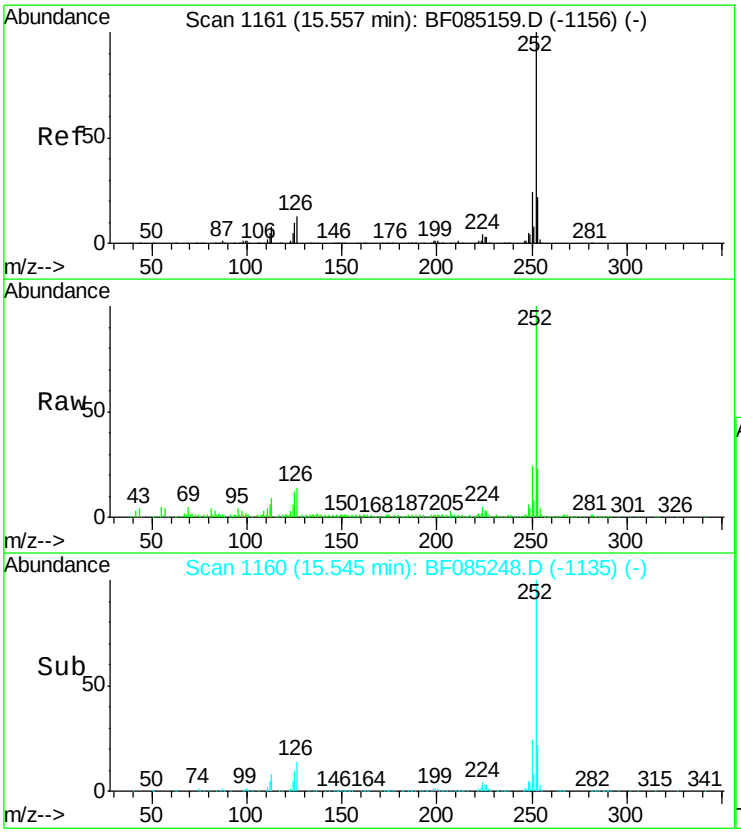
#88
Benzo(k)fluoranthene
Concen: 67.44 ng
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:252 Resp: 493251

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	13.0	10.4	15.6

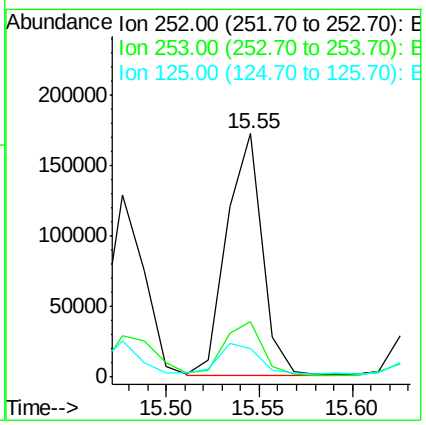


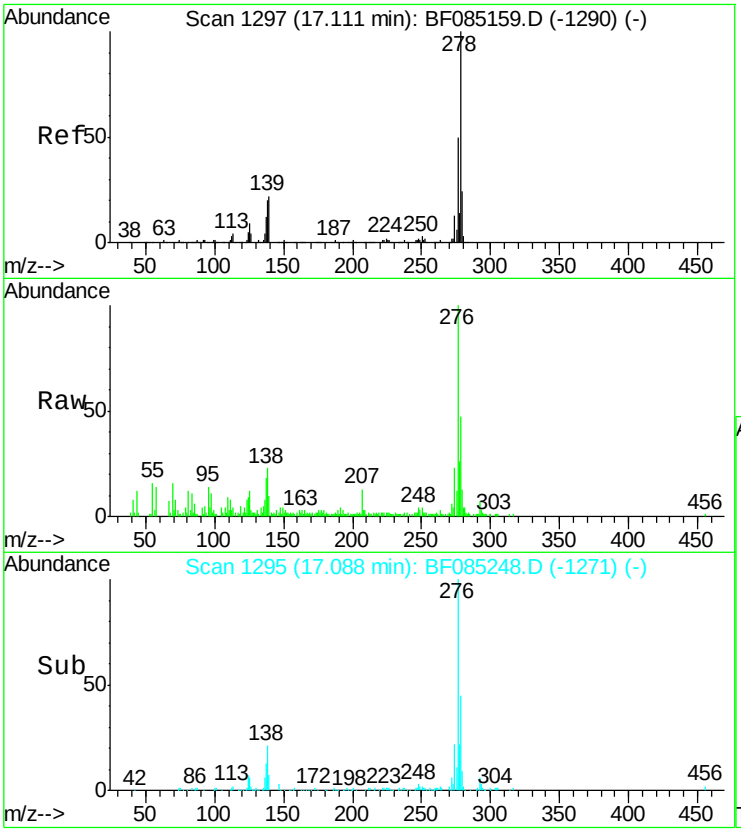


#89
Benzo(a)pyrene
Concen: 30.81 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:252 Resp: 231539

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	11.9	8.2	12.4



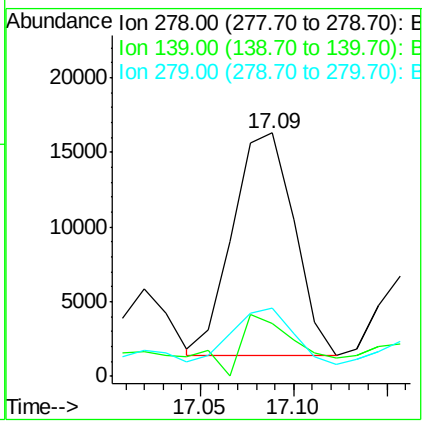


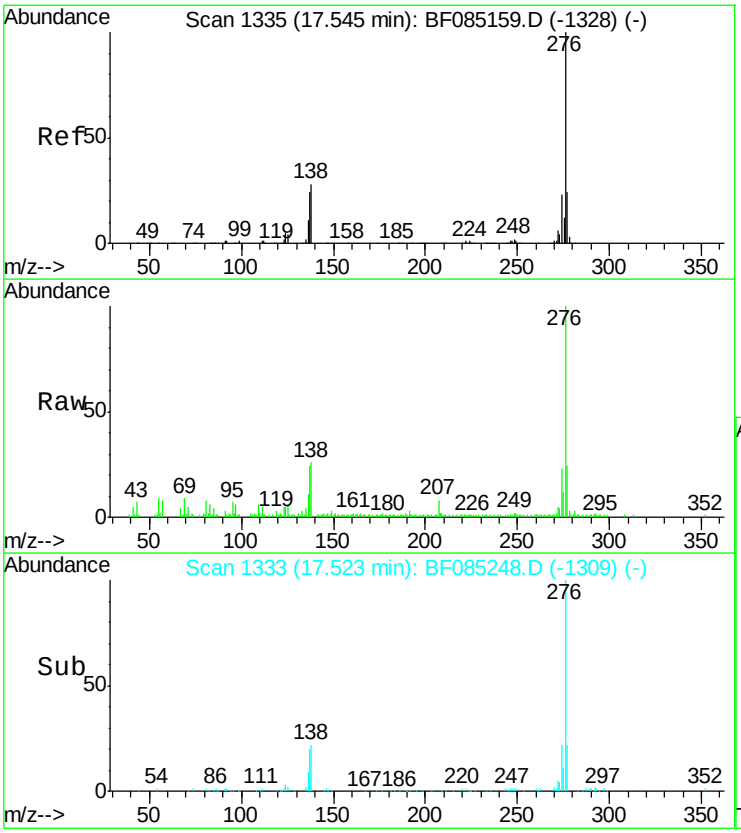
#90
Dibenzo(a,h)anthracene
Concen: 5.34 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tgt Ion:278 Resp: 34243

Ion	Ratio	Lower	Upper
278	100		
139	21.9	17.3	25.9
279	27.9	19.2	28.8





#91
Benzo(g,h,i)perylene
Concen: 18.59 ng
RT: 17.52 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF085248.D
Acq: 5 Mar 2016 12:20

Tgt Ion:276 Resp: 119906

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	25.9	22.5	33.7