Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085822.D
Acq On : 29 Mar 2016 1:01
Operator : UM/SJ
Sample : H1937-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-04(2-3)

Quant Time: Mar 29 03:41:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	110766	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	438024	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	187643	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	321235	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	189775	20.00	ng		0.00
86) Perylene-d12	15.40	264	200122	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	779004	117.13	ng		0.01
7) Phenol-d6	6.46	99	1039654	122.95	ng		0.00
23) Nitrobenzene-d5	7.38	82	687940	88.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	222839	124.99	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	944617	84.11	ng		-0.01
78) Terphenyl-d14	12.93	244	722167	78.26	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	6.97	79	13820	2.45	ng	#	48
19) n-Nitroso-di-n-propylamine	7.38	70	94833	18.73	ng	#	76
31) Naphthalene	8.12	128	116274	5.27	ng		99
37) 2-Methylnaphthalene	8.81	142	60423	2.86	ng		98
40) Hexachlorocyclopentadiene	8.92	237	232	9.28	ng	#	26
49) Dimethylphthalate	9.58	163	191975	13.49	ng		98
51) Acenaphthene	9.89	154	204121	17.61	ng		99
54) Dibenzofuran	10.06	168	170569	11.37	ng		97
55) 4-Nitrophenol	10.06	139	72544	31.75	ng	#	12
57) Fluorene	10.40	166	226914	18.20	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	13712	4.17	ng	#	1
70) Phenanthrene	11.37	178	1432849	86.87	ng		100
71) Anthracene	11.42	178	540445	31.21	ng		99
72) Carbazole	11.57	167	158173	10.88	ng		99
74) Fluoranthene	12.56	202	950460	54.21	ng		98
77) Pyrene	12.79	202	841334	53.93	ng		99
80) Benzo(a)anthracene	13.97	228	383549	35.44	ng		98
82) Chrysene	13.97	228	383641	35.20	ng		96
85) Indeno(1,2,3-cd)pyrene	16.77	276	134602	15.99	ng		95
87) Benzo(b)fluoranthene	15.00	252	401164	31.82	ng		98
88) Benzo(k)fluoranthene	15.00	252	401164	35.30	ng	#	96
89) Benzo(a)pyrene	15.28	252	134743	12.04	ng		97
90) Dibenzo(a,h)anthracene	16.78	278	31790	3.06	ng	#	86
91) Benzo(g,h,i)perylene	17.19	276	118651	11.27	ng		96

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

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Misc :
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Instrument :
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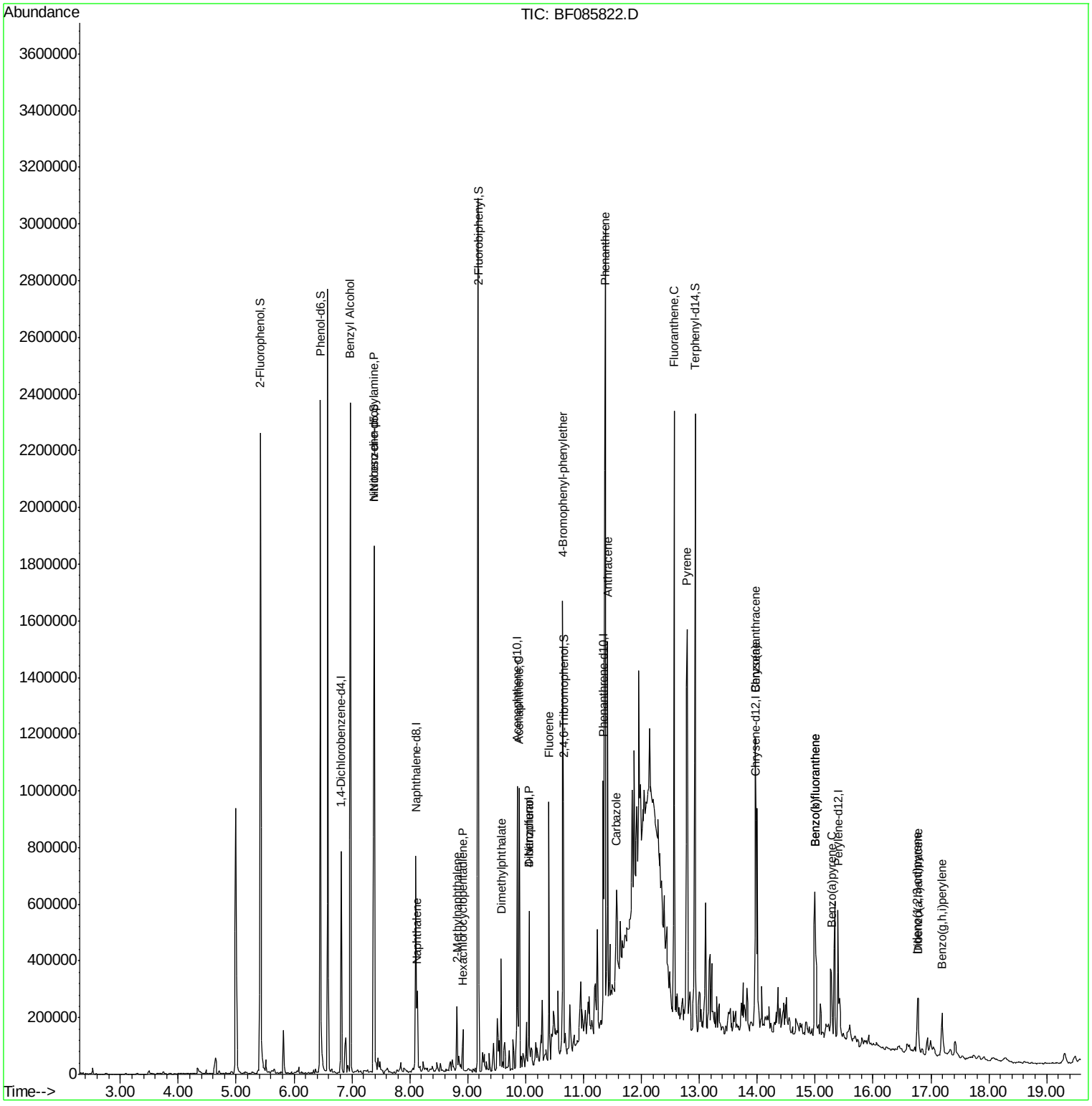
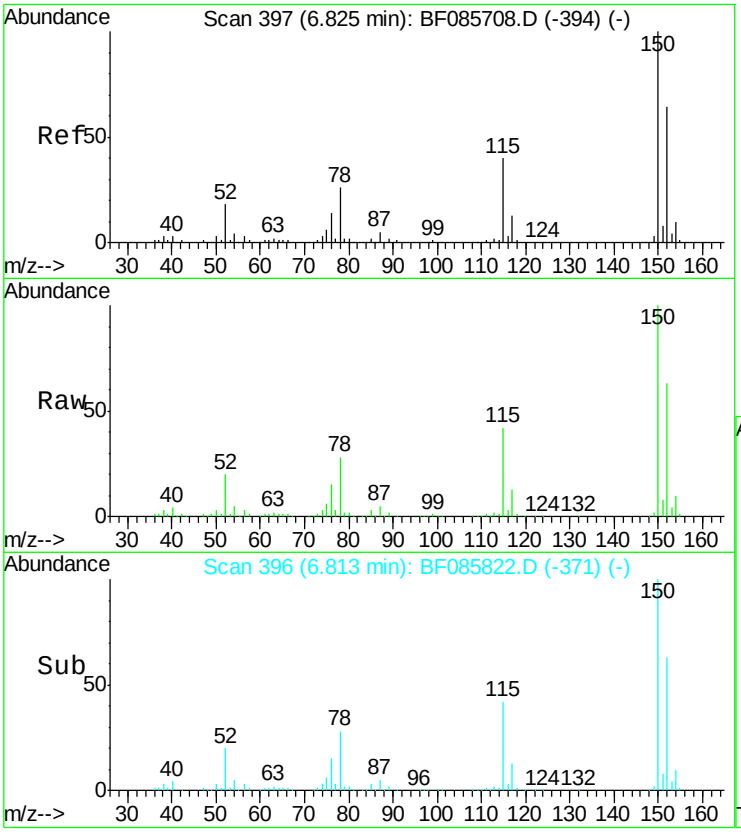


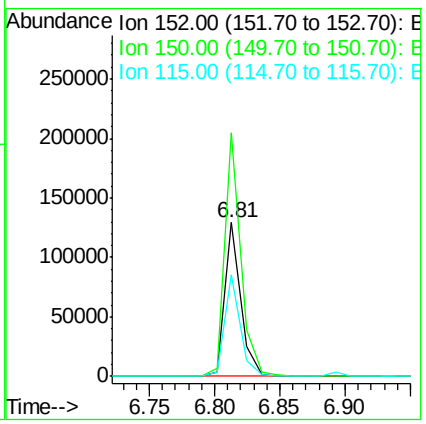


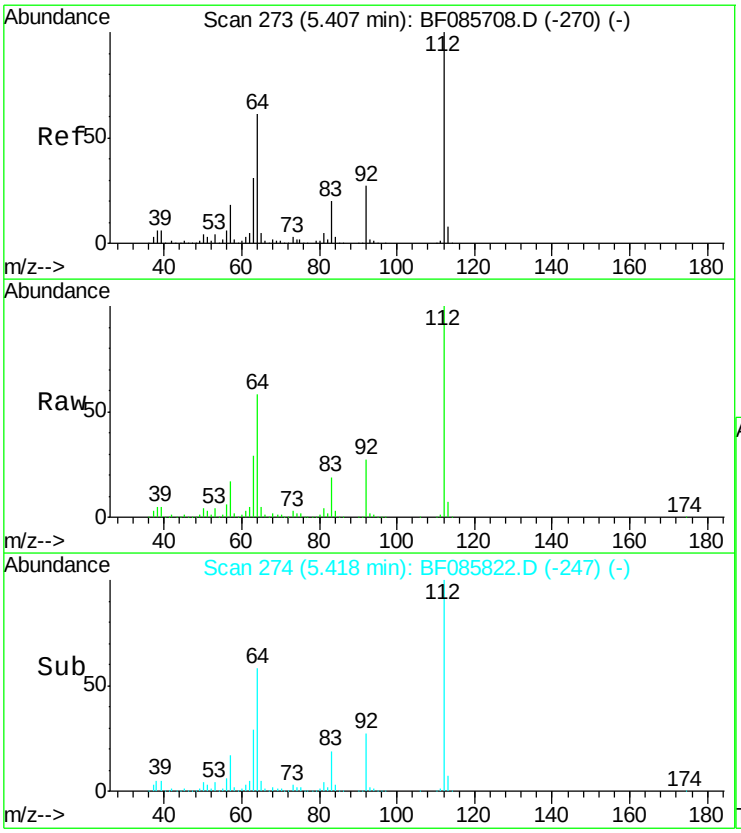
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:152 Resp: 110766

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.2	186.2
115	65.8	47.0	70.6

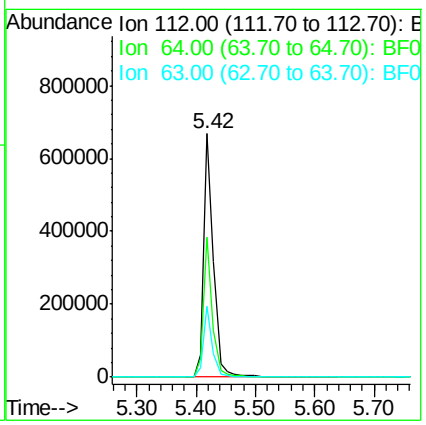


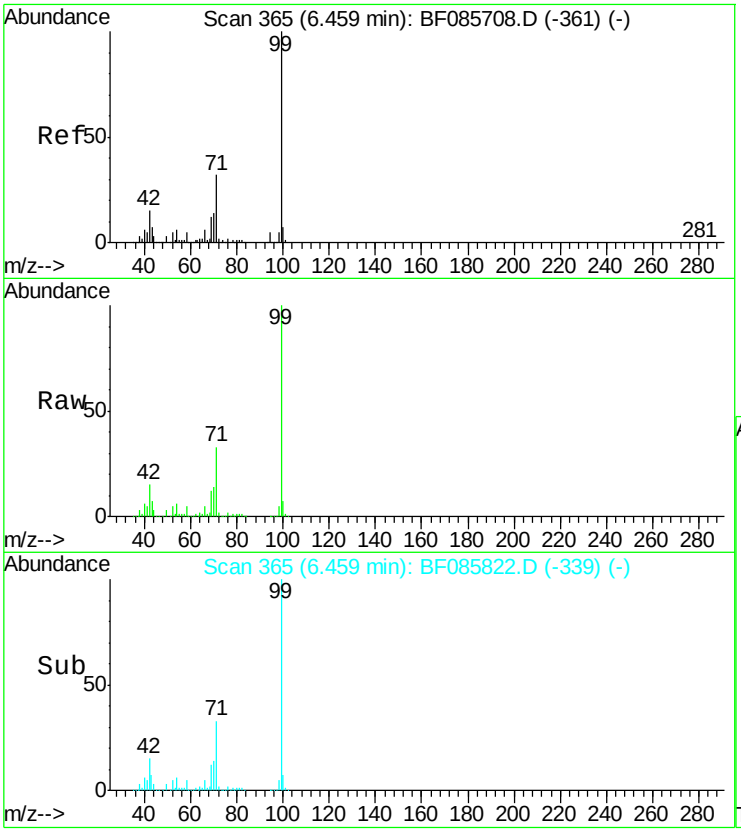


#5
2-Fluorophenol
Concen: 117.13 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:112 Resp: 779004

Ion	Ratio	Lower	Upper
112	100		
64	57.6	39.9	59.9
63	29.1	20.2	30.2



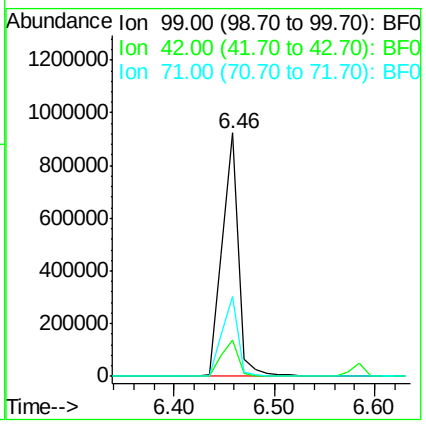


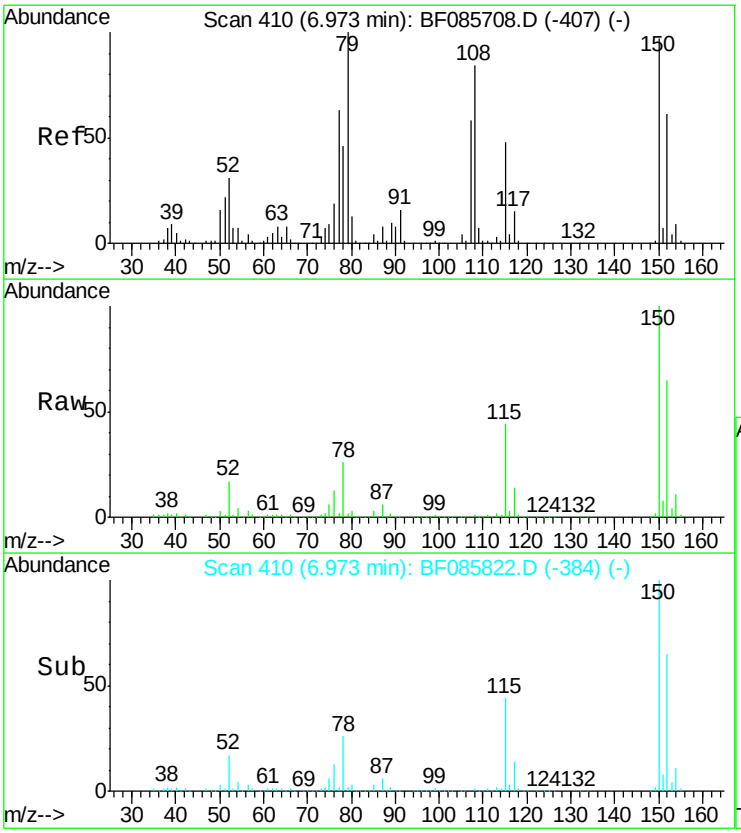
#7
Phenol-d6
Concen: 122.95 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion: 99 Resp: 1039654

Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.1	16.7
71	32.8	24.9	37.3

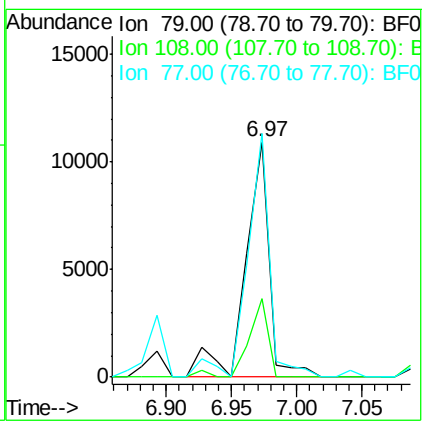


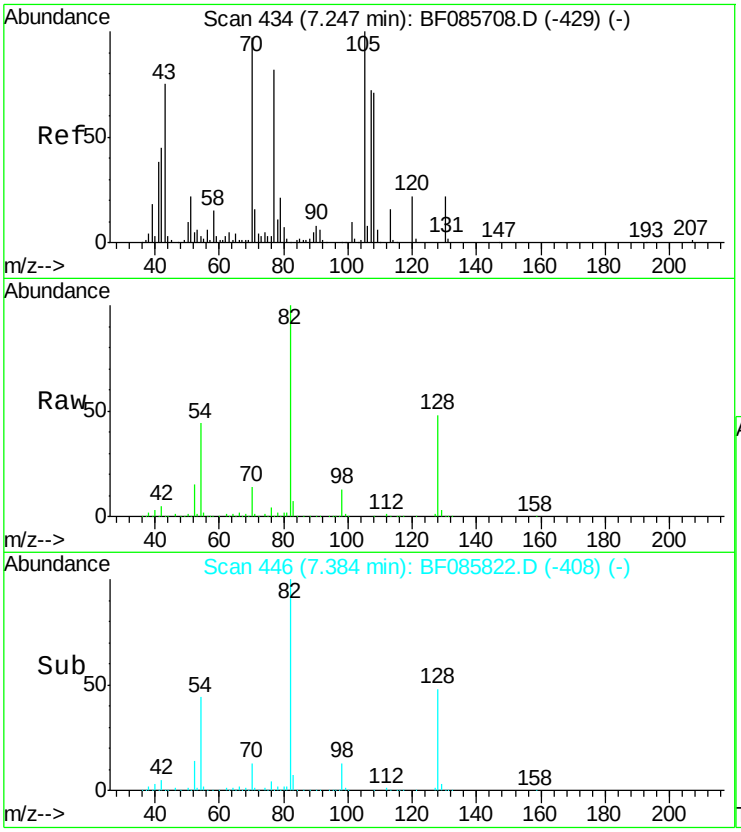


#15
Benzyl Alcohol
Concen: 2.45 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion: 79 Resp: 13820

Ion	Ratio	Lower	Upper
79	100		
108	33.4	61.8	92.6#
77	103.6	49.6	74.4#



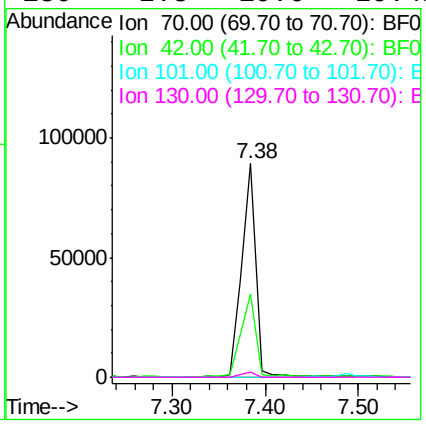


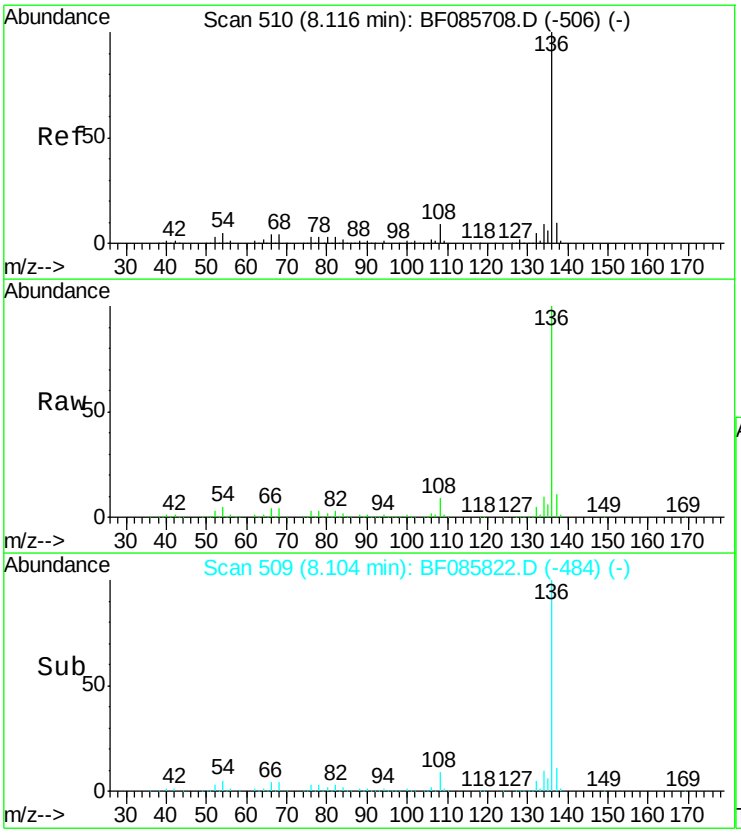
#19
n-Nitroso-di-n-propylamine
Concen: 18.73 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion: 70 Resp: 94833

Ion	Ratio	Lower	Upper
70	100		
42	38.9	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#

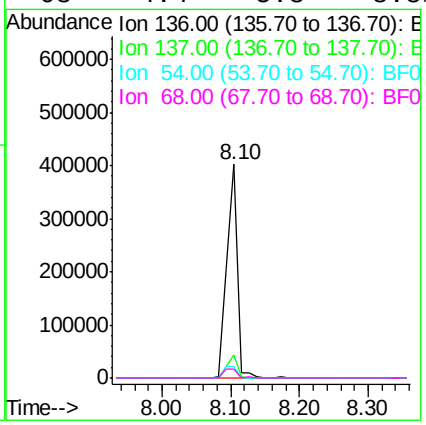


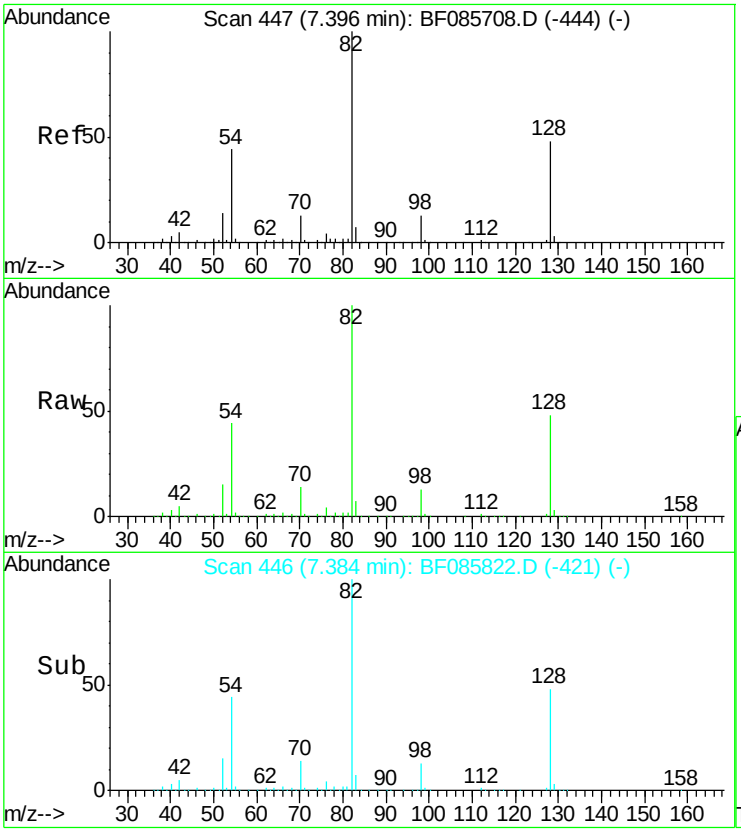


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:136 Resp: 438024

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.2	7.4	11.0#
68	4.4	5.8	8.8#



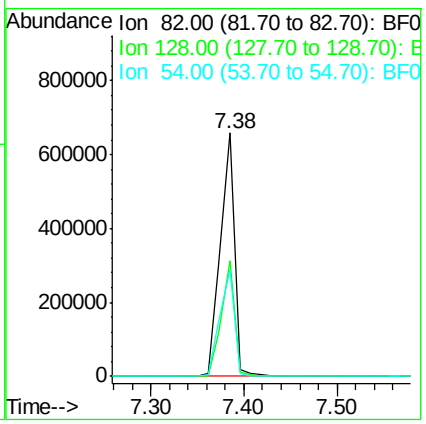


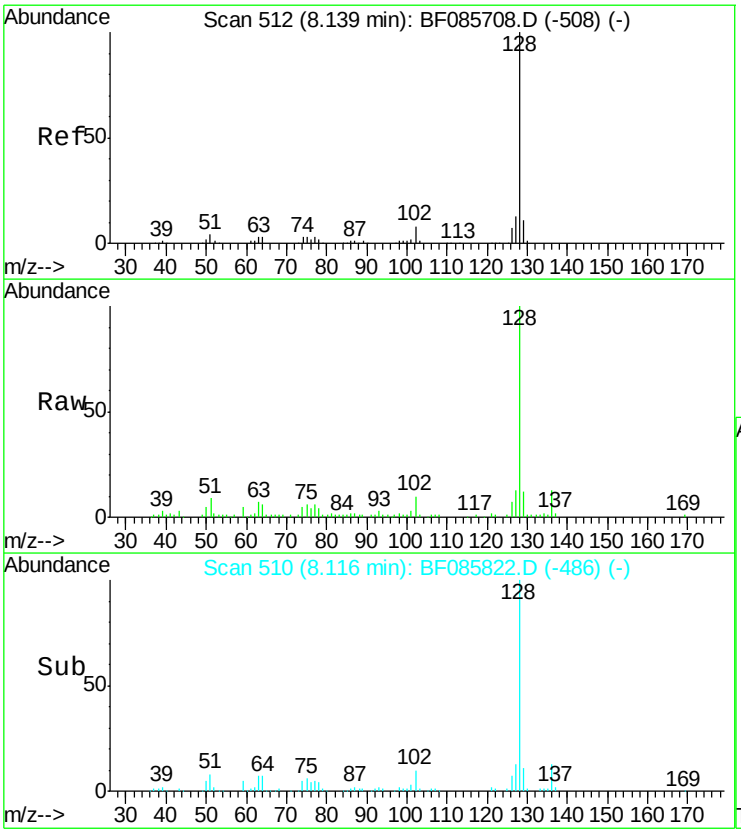
#23
Nitrobenzene-d5
Concen: 88.44 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion: 82 Resp: 687940

Ion	Ratio	Lower	Upper
82	100		
128	47.6	41.8	62.8
54	44.0	33.4	50.0

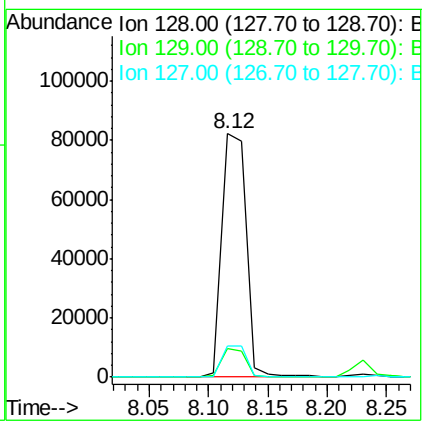


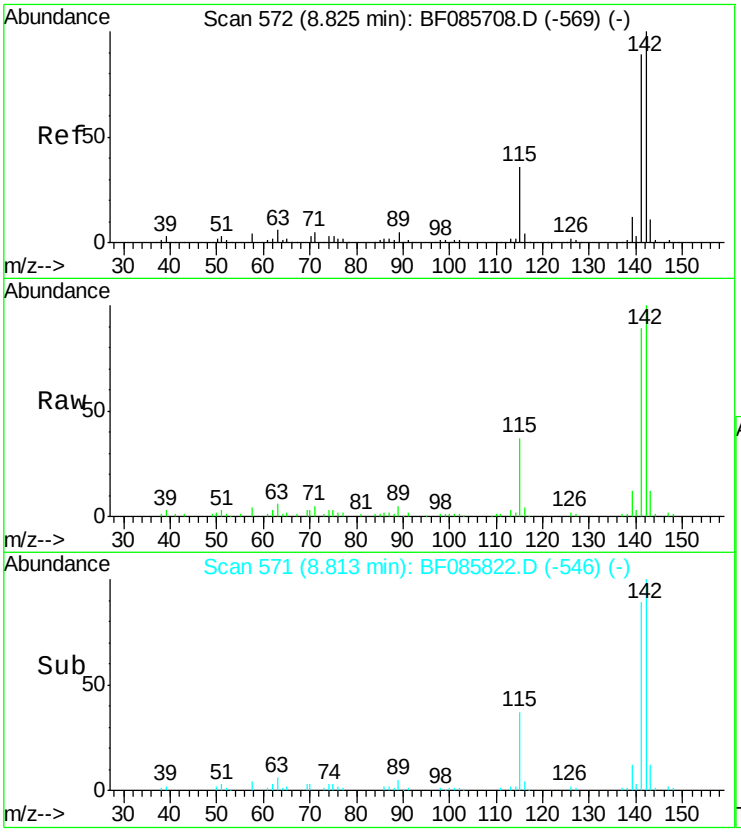


#31
Naphthalene
Concen: 5.27 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:128 Resp: 116274

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	12.8	11.0	16.6



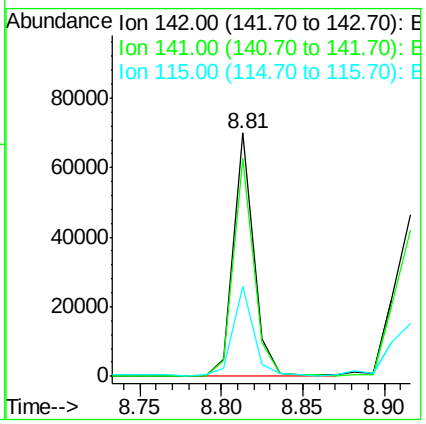


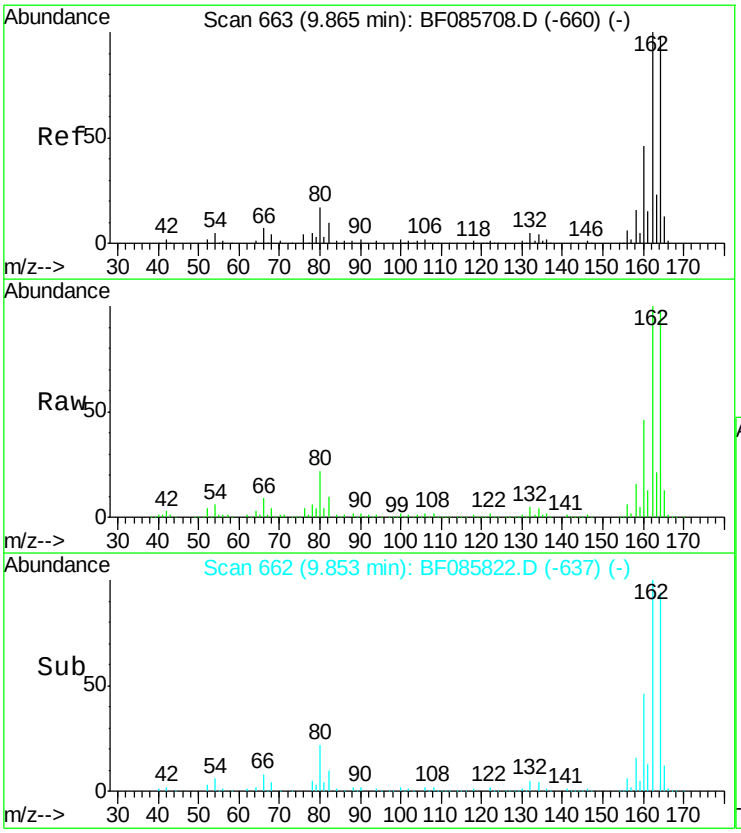
#37
2-Methylnaphthalene
Concen: 2.86 ng
RT: 8.81 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:142 Resp: 60423

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4
115	37.0	26.8	40.2

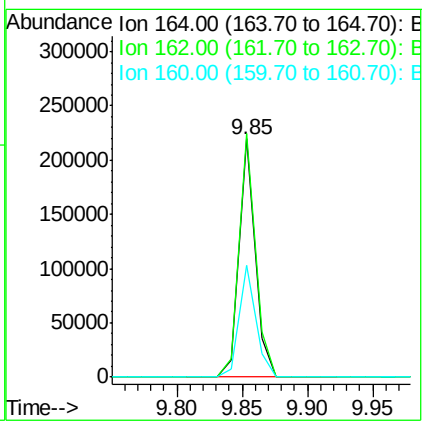


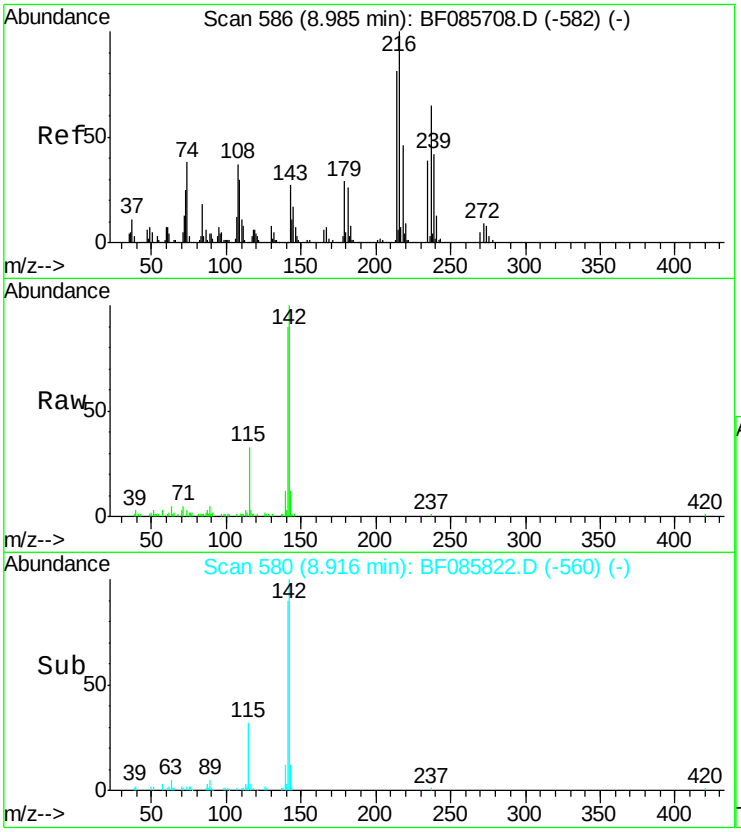


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:164 Resp: 187643

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	46.8	37.4	56.2



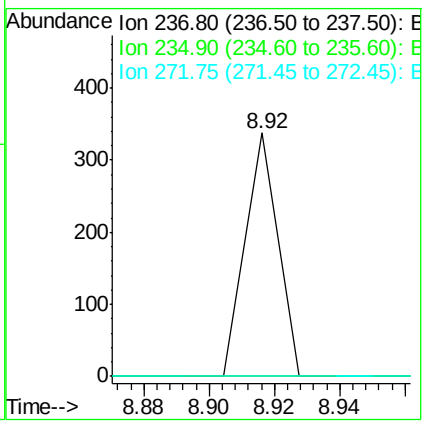


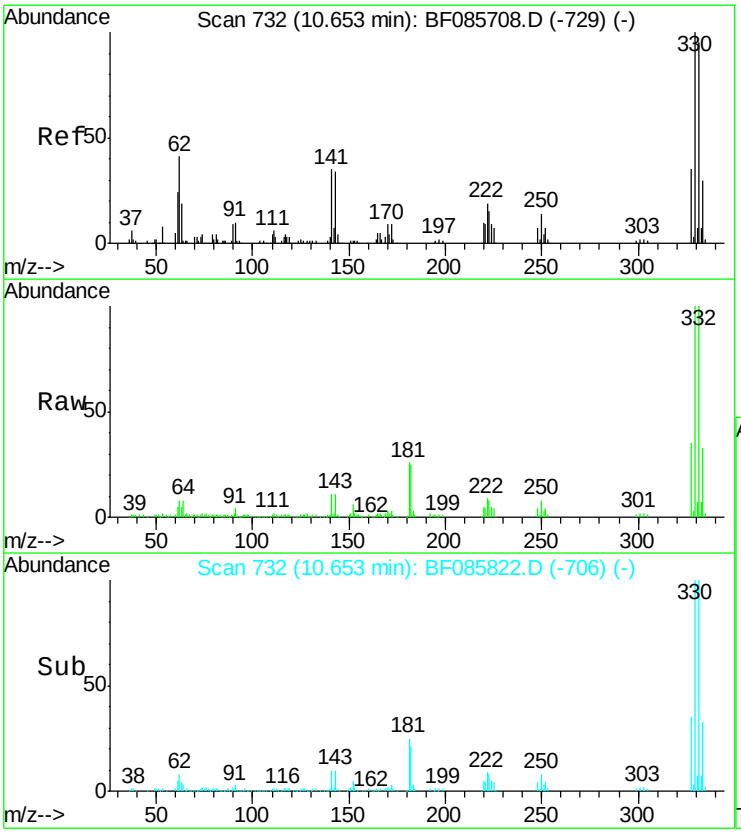
#40
Hexachlorocyclopentadiene
Concen: 9.28 ng
RT: 8.92 min Scan# 580
Delta R.T. -0.07 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:237 Resp: 232

Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.7	83.7#
272	0.0	0.0	31.9

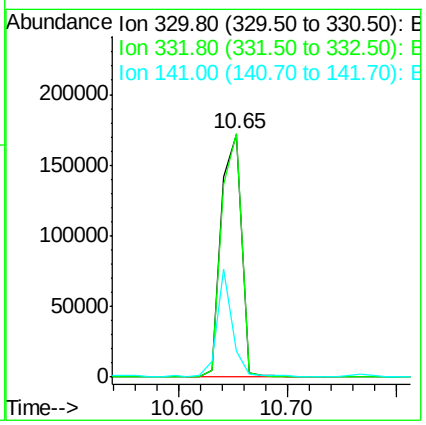


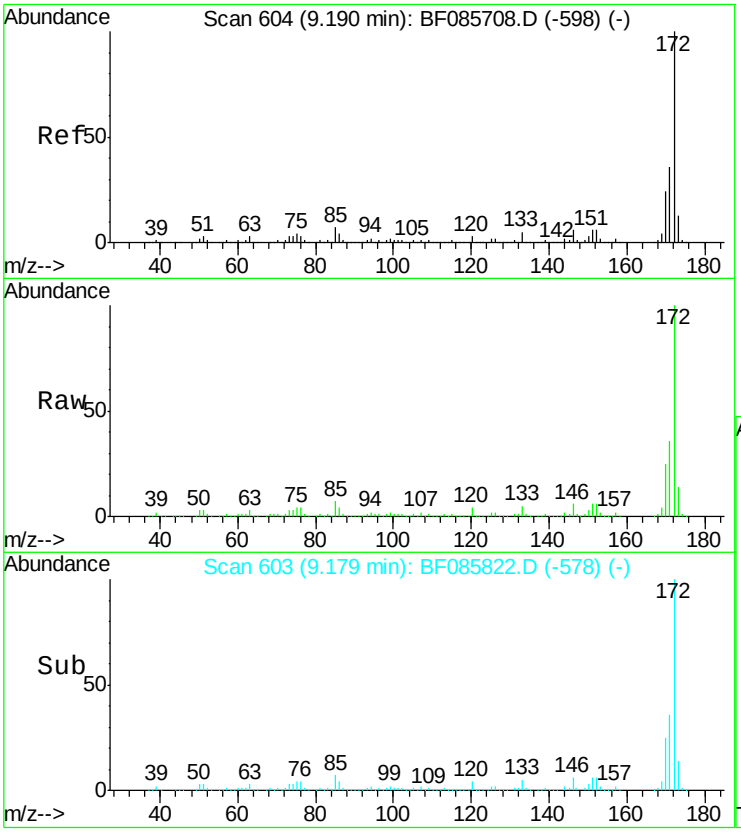


#41
2,4,6-Tribromophenol
Concen: 124.99 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:330 Resp: 222839

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.2
141	33.5	31.5	47.3



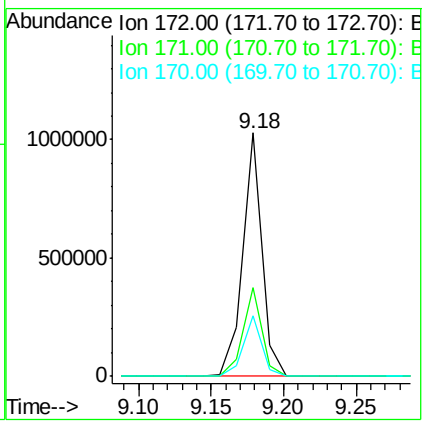


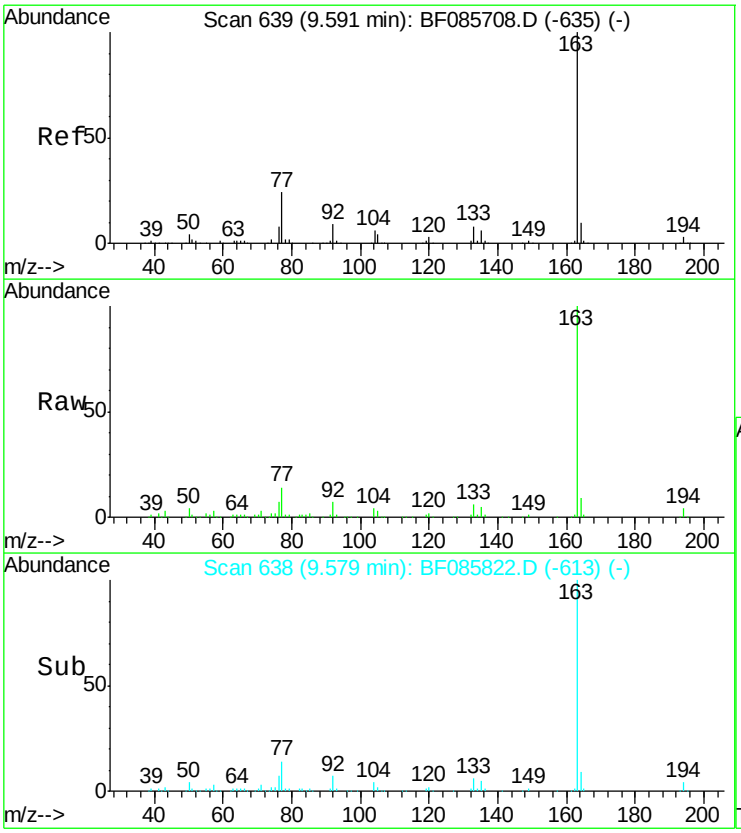
#44
2-Fluorobiphenyl
Concen: 84.11 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:172 Resp: 944617

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.8	19.8	29.6

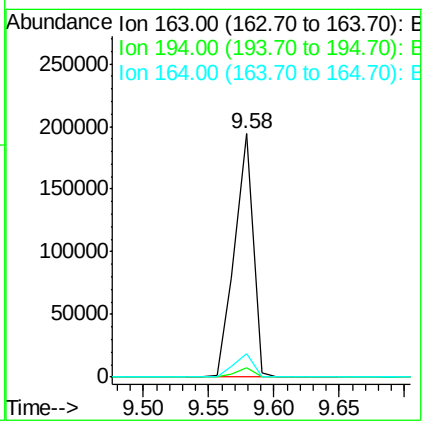


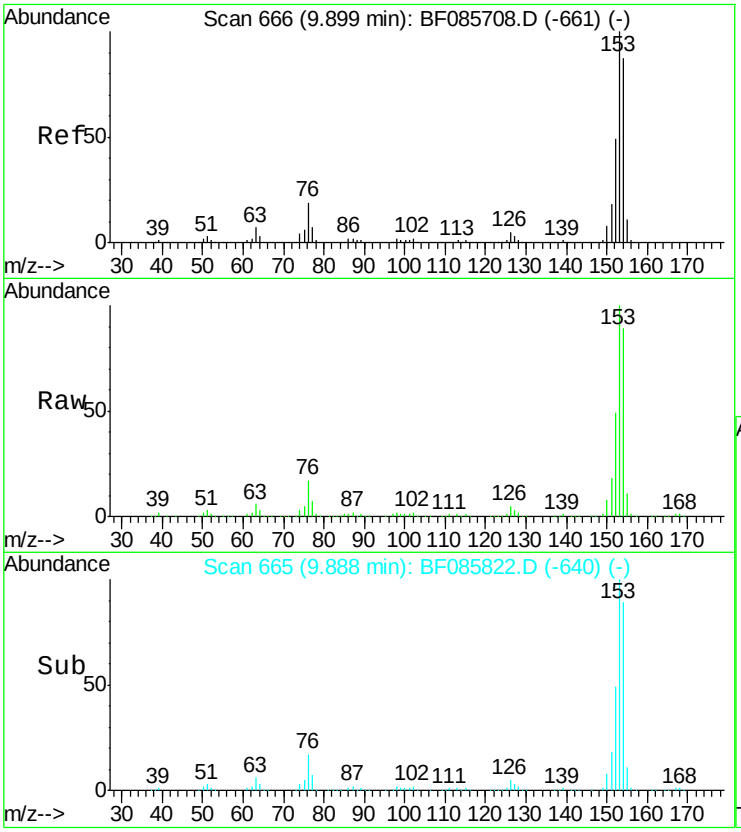


#49
Dimethylphthalate
Concen: 13.49 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:163 Resp: 191975

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.4	8.3	12.5



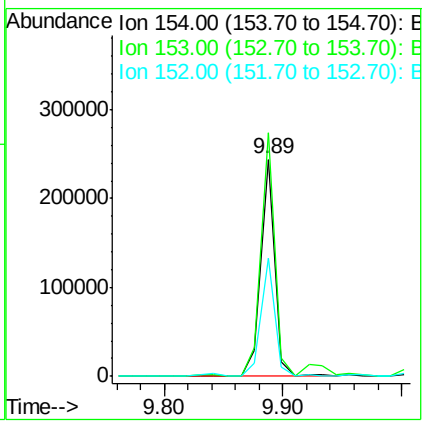


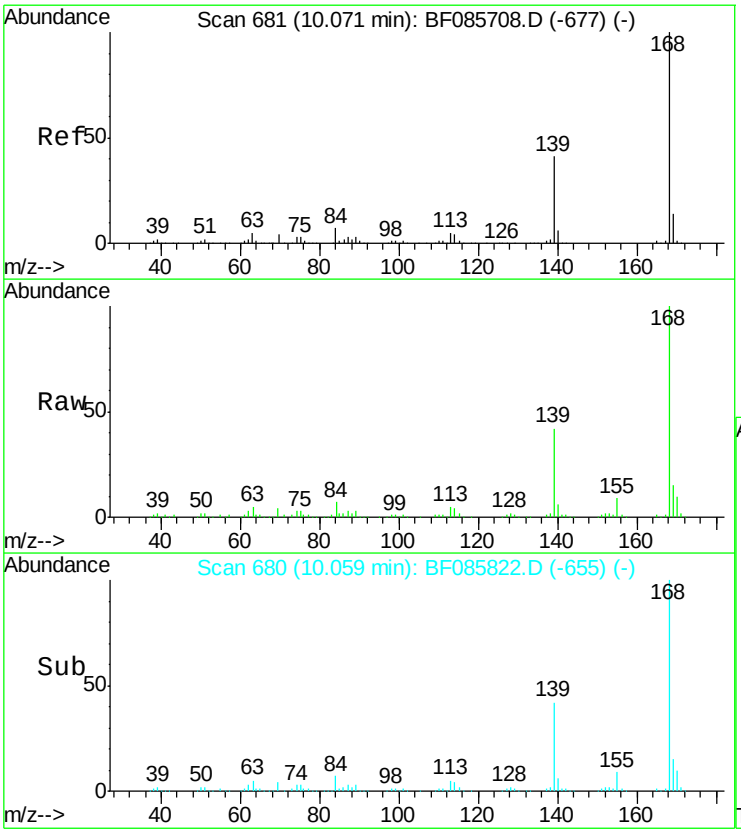
#51
Acenaphthene
Concen: 17.61 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:154 Resp: 204121

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.1	135.1
152	54.5	44.2	66.2

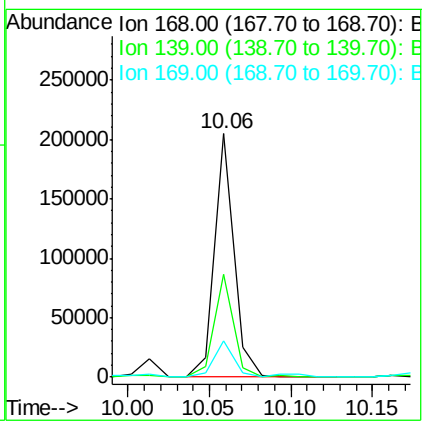


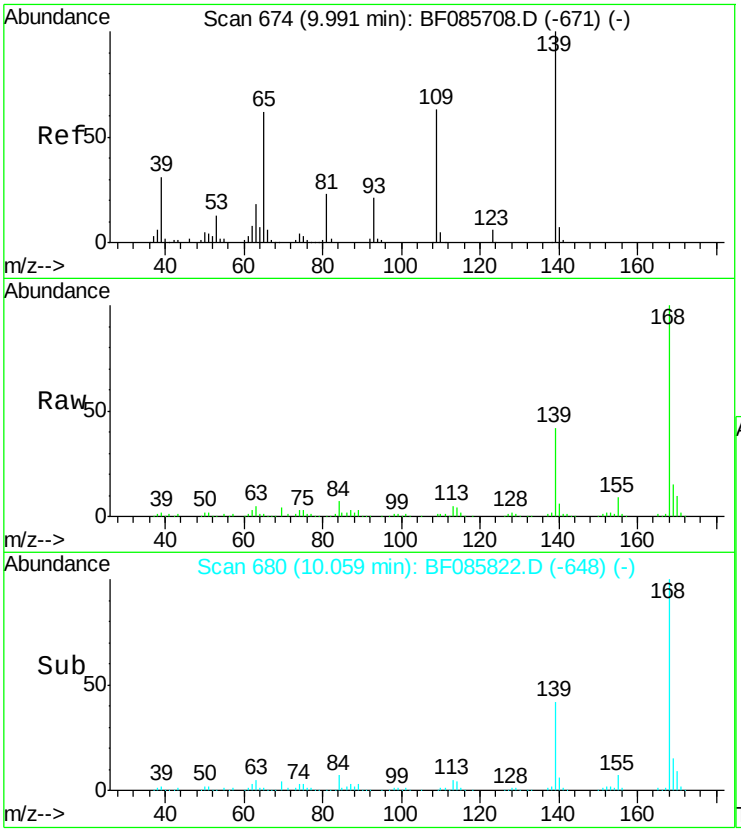


#54
Dibenzofuran
Concen: 11.37 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:168 Resp: 170569

Ion	Ratio	Lower	Upper
168	100		
139	42.0	31.9	47.9
169	14.9	11.0	16.6



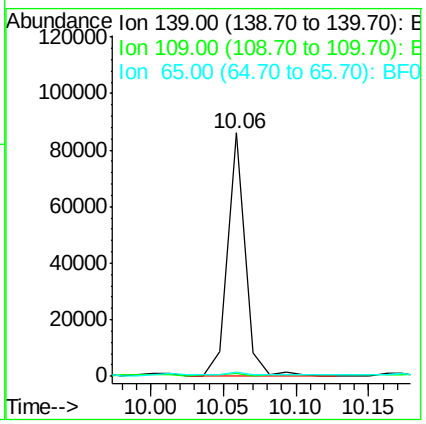


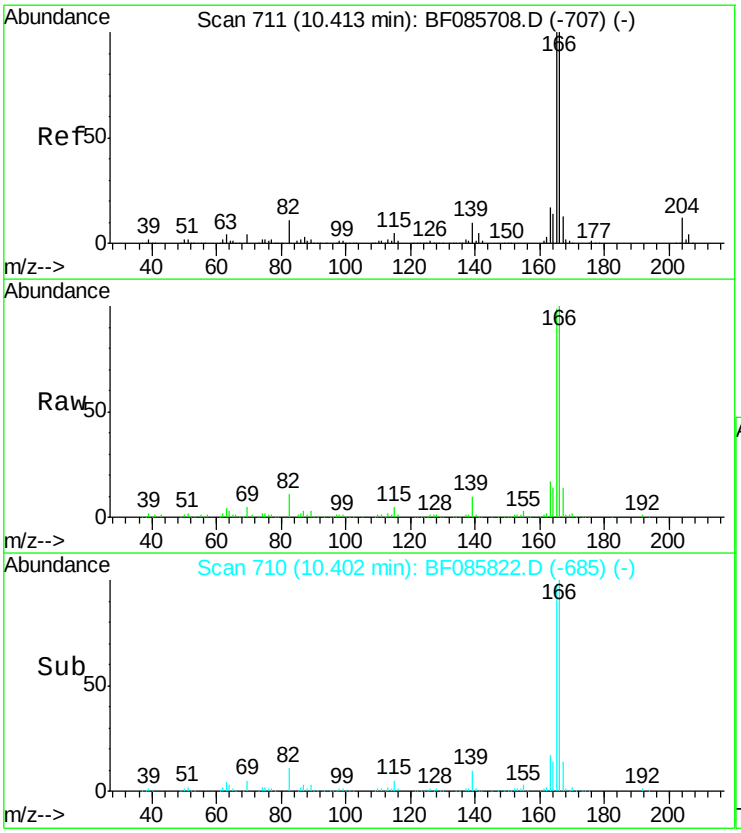
#55
4-Nitrophenol
Concen: 31.75 ng
RT: 10.06 min Scan# 680
Delta R.T. 0.07 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:139 Resp: 72544

Ion	Ratio	Lower	Upper
139	100		
109	1.4	49.2	89.2#
65	1.8	66.9	106.9#

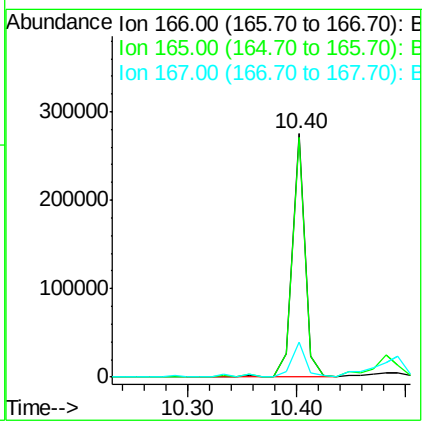


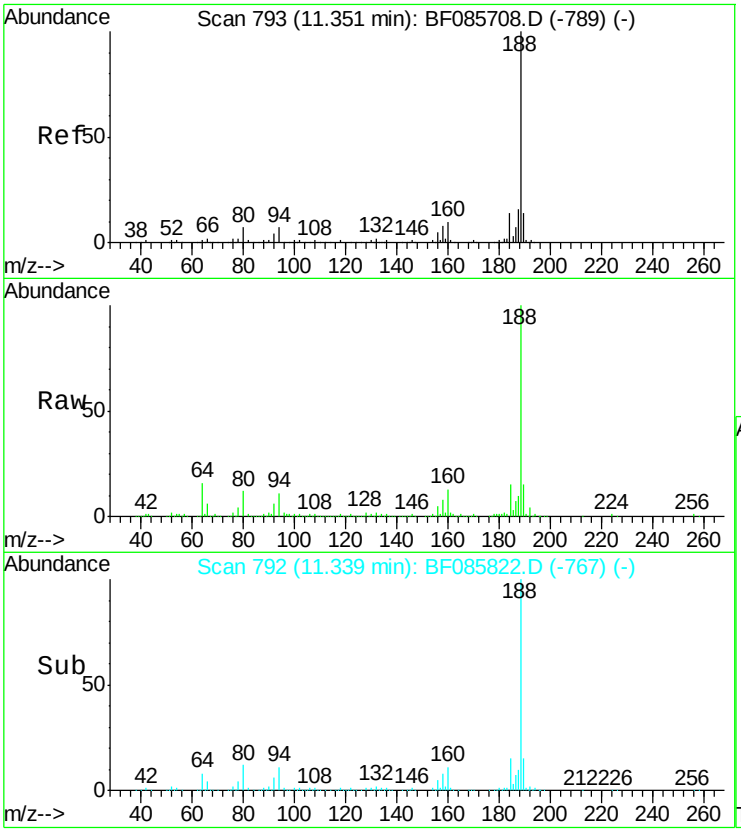


#57
Fluorene
Concen: 18.20 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:166 Resp: 226914

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.4	119.0
167	14.2	11.0	16.4



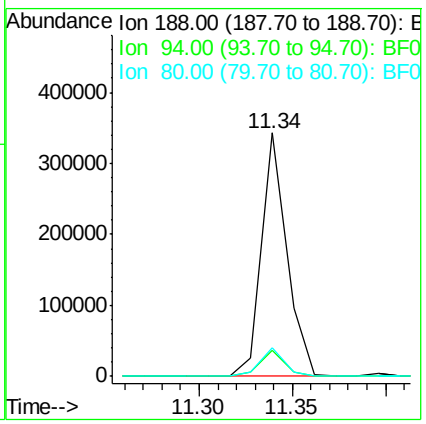


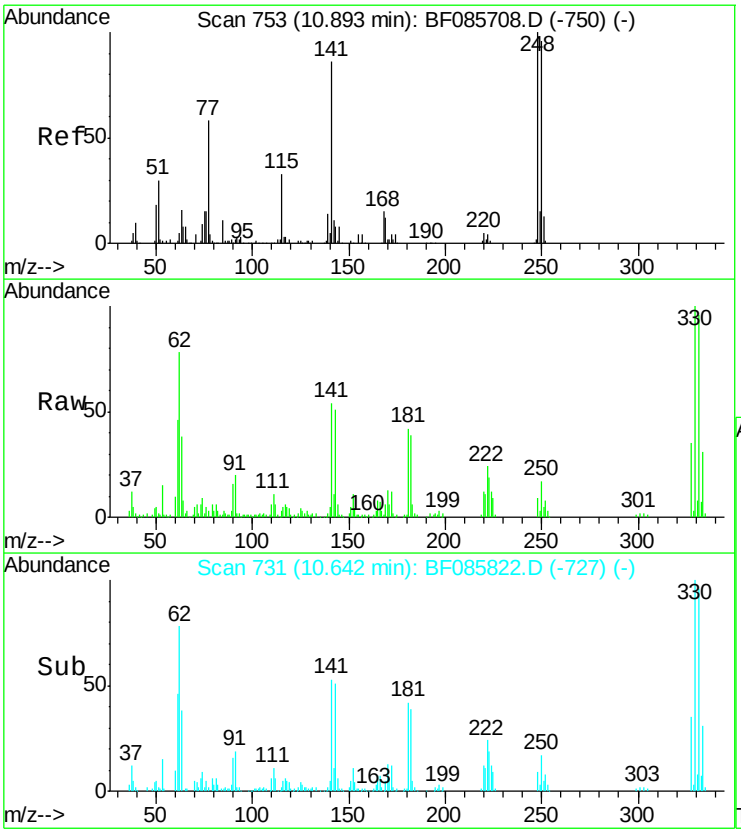
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:188 Resp: 321235

Ion	Ratio	Lower	Upper
188	100		
94	10.8	5.4	8.0#
80	11.5	5.5	8.3#

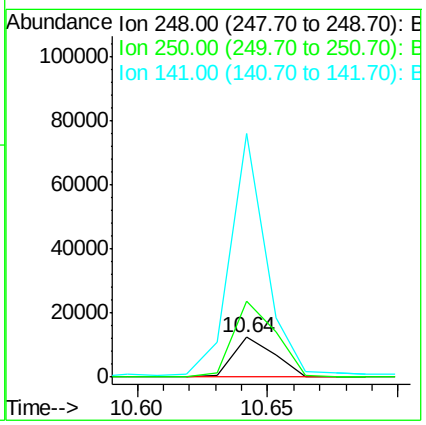


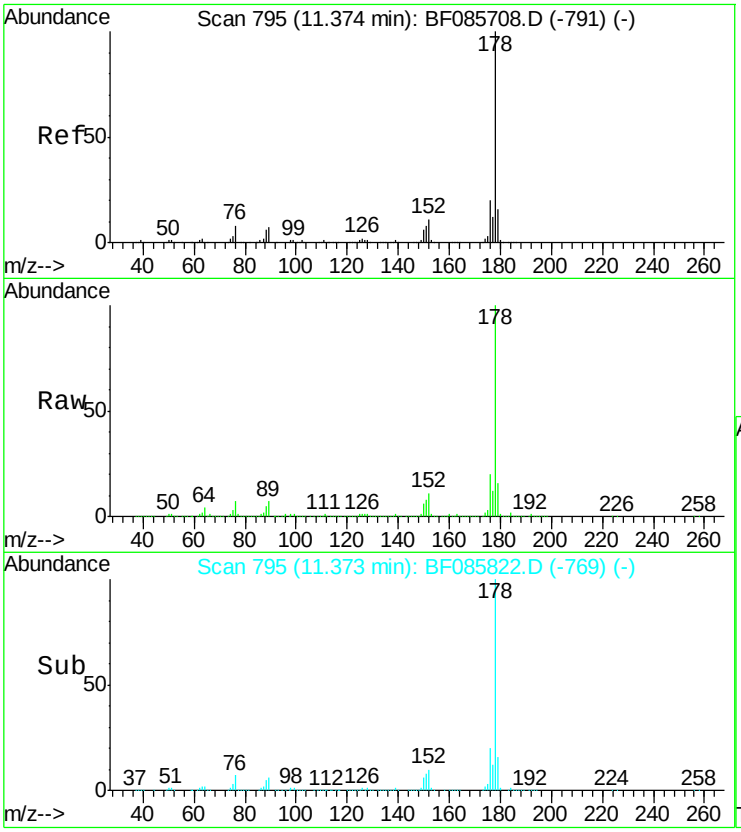


#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.25 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:248 Resp: 13712

Ion	Ratio	Lower	Upper
248	100		
250	193.2	77.4	116.0#
141	616.8	63.6	95.4#



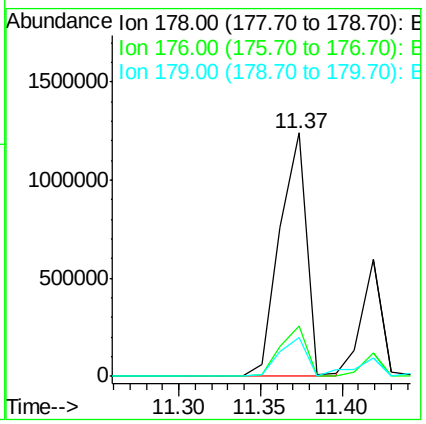


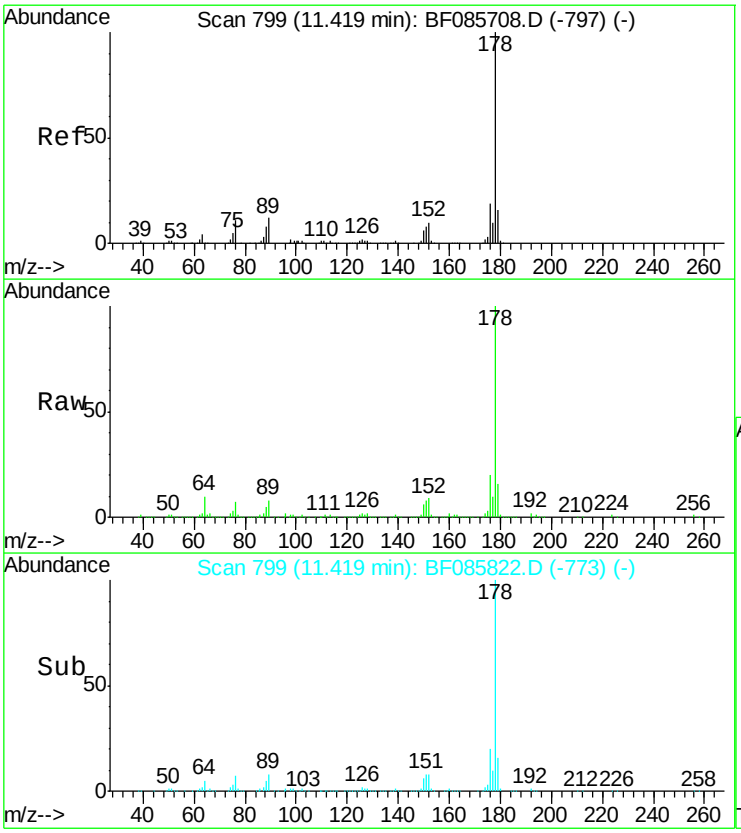
#70
Phenanthrene
Concen: 86.87 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:178 Resp: 1432849

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.3	24.5
179	15.9	12.6	18.8

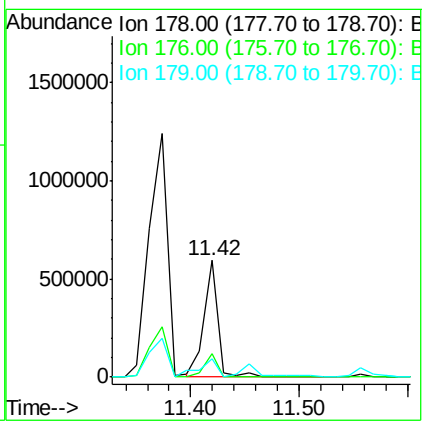


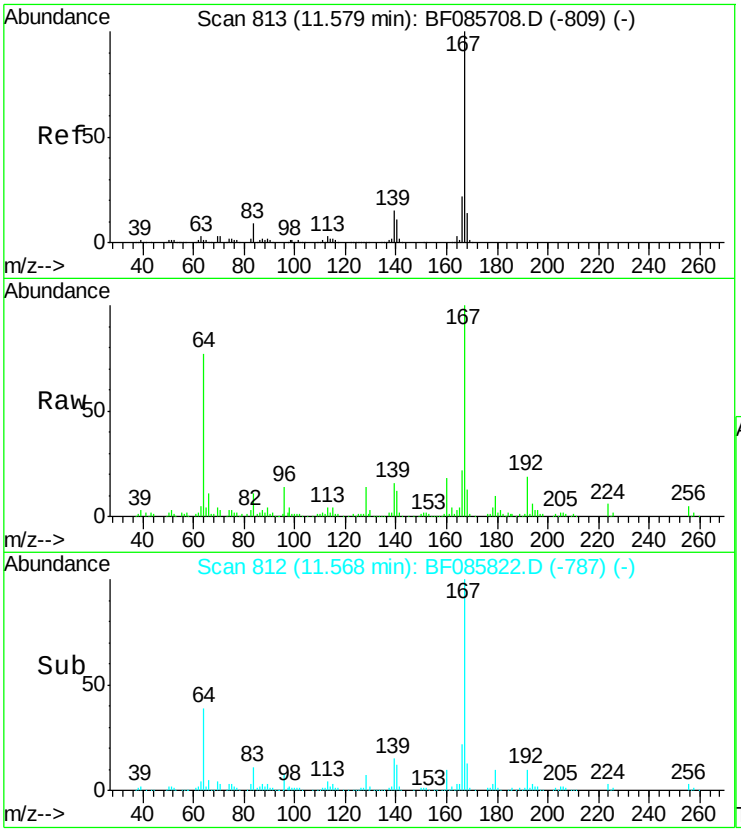


#71
Anthracene
Concen: 31.21 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:178 Resp: 540445

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.8	13.0	19.4



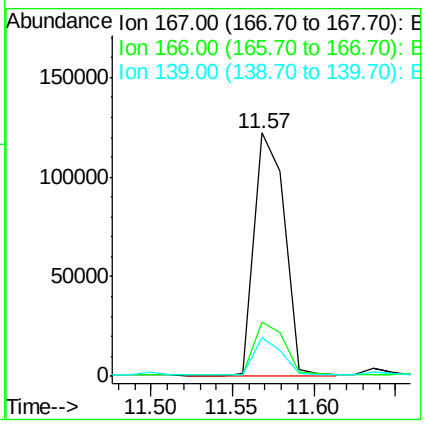


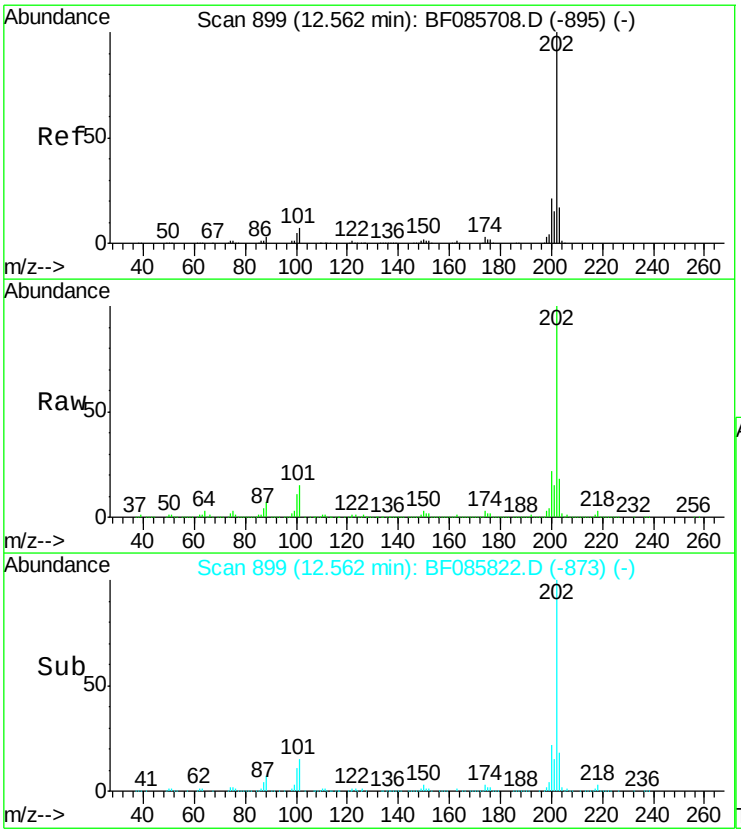
#72
Carbazole
Concen: 10.88 ng
RT: 11.57 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:167 Resp: 158173

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.8
139	15.8	11.6	17.4

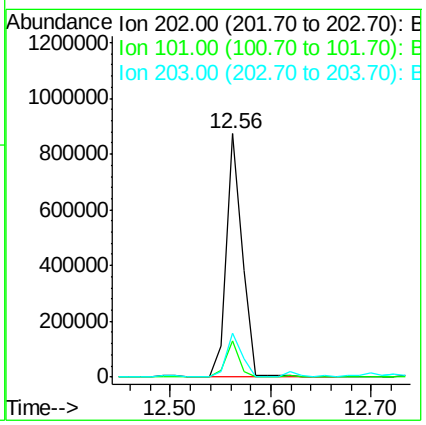


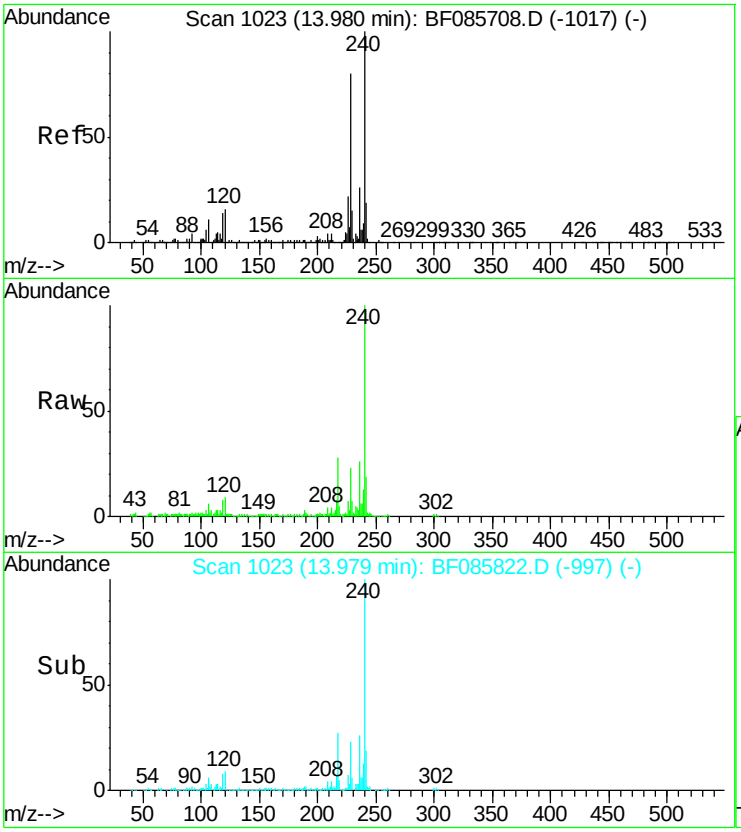


#74
Fluoranthene
Concen: 54.21 ng
RT: 12.56 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:202 Resp: 950460

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	36.6
203	18.2	0.0	38.1



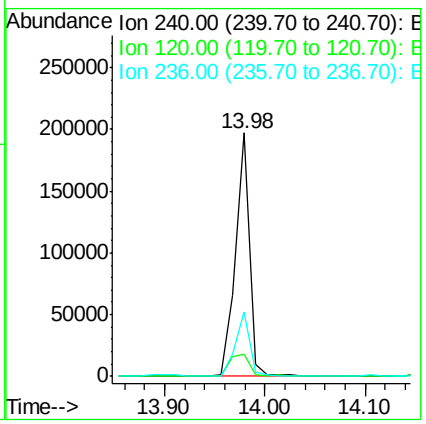


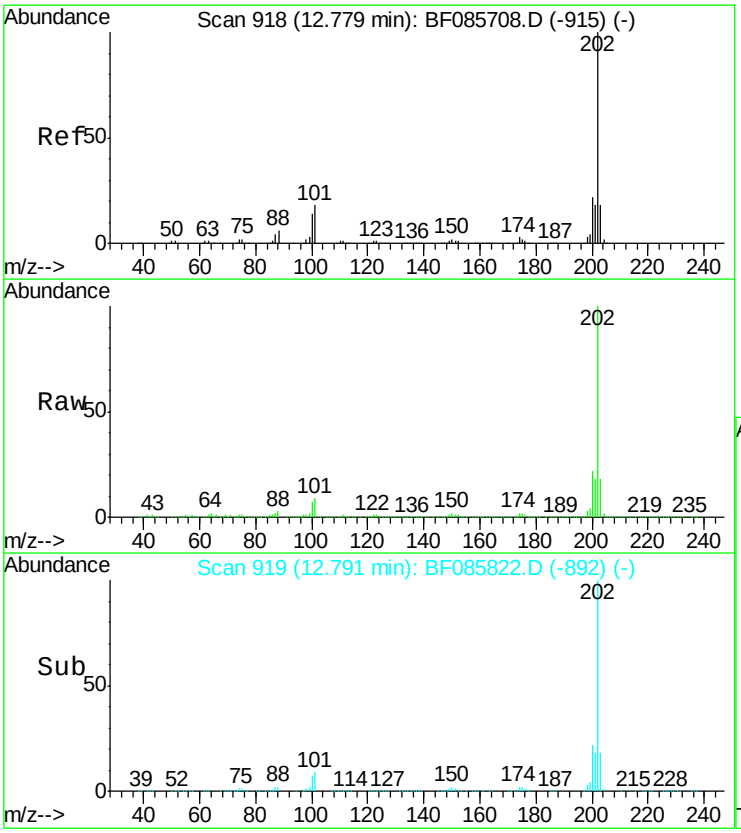
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:240 Resp: 189775

Ion	Ratio	Lower	Upper
240	100		
120	9.2	13.8	20.8#
236	26.4	20.6	30.8

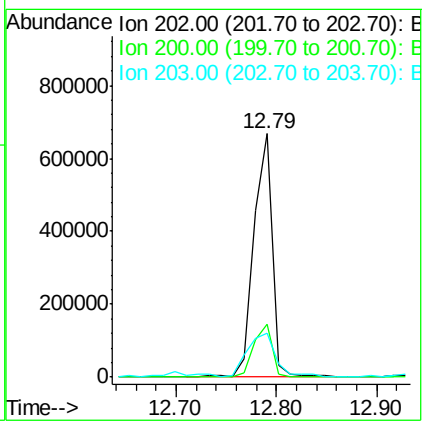


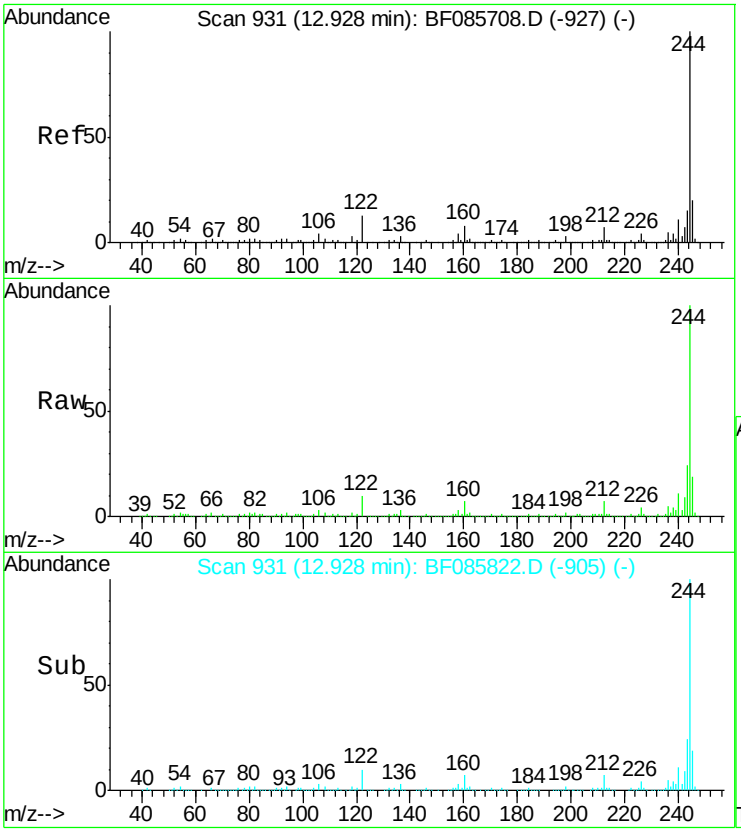


#77
Pyrene
Concen: 53.93 ng
RT: 12.79 min Scan# 919
Delta R.T. 0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:202 Resp: 841334

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.1	14.0	21.0



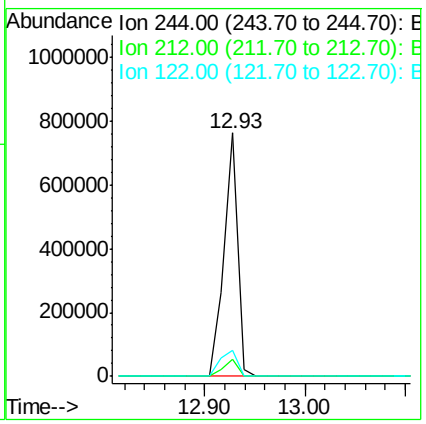


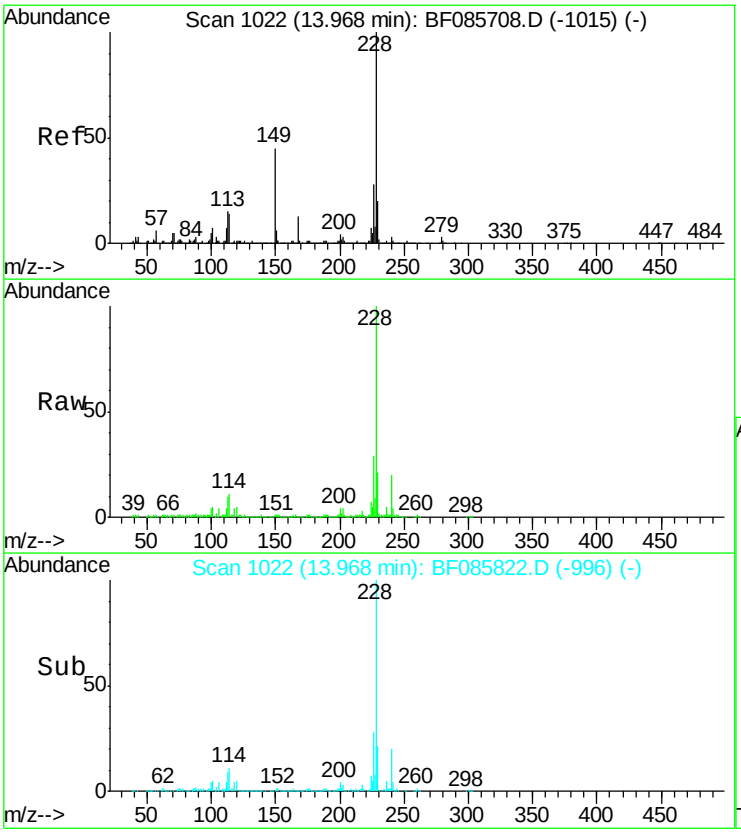
#78
Terphenyl-d14
Concen: 78.26 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:244 Resp: 722167

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.5	10.2	15.4

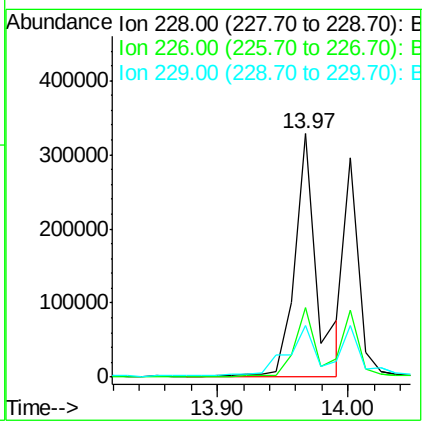


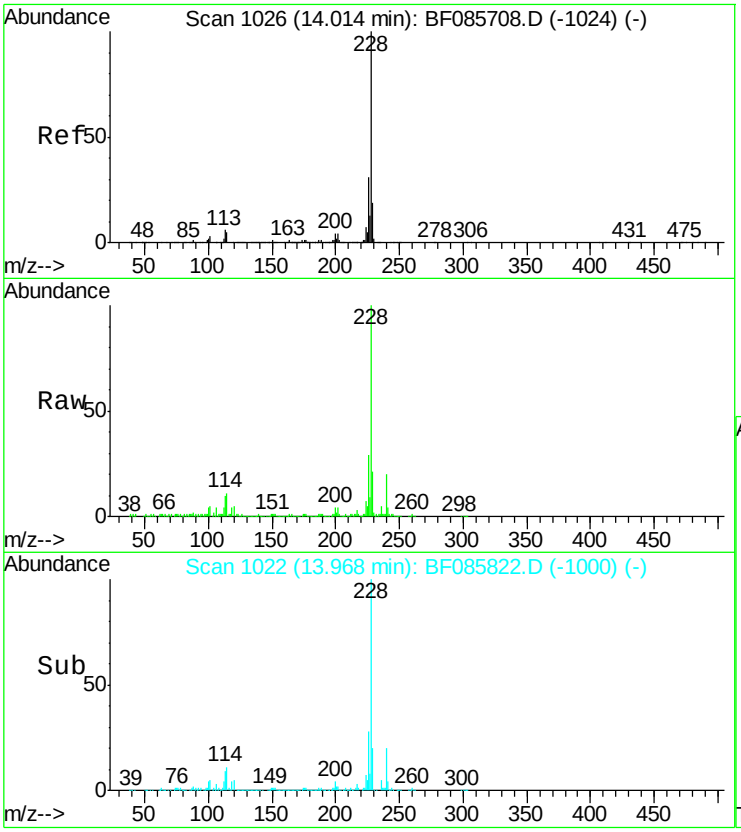


#80
Benzo(a)anthracene
Concen: 35.44 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:228 Resp: 383549

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	21.2	16.2	24.4



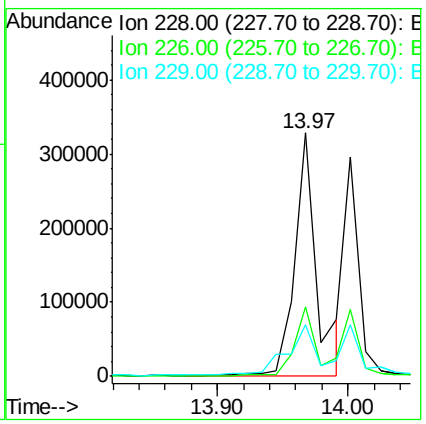


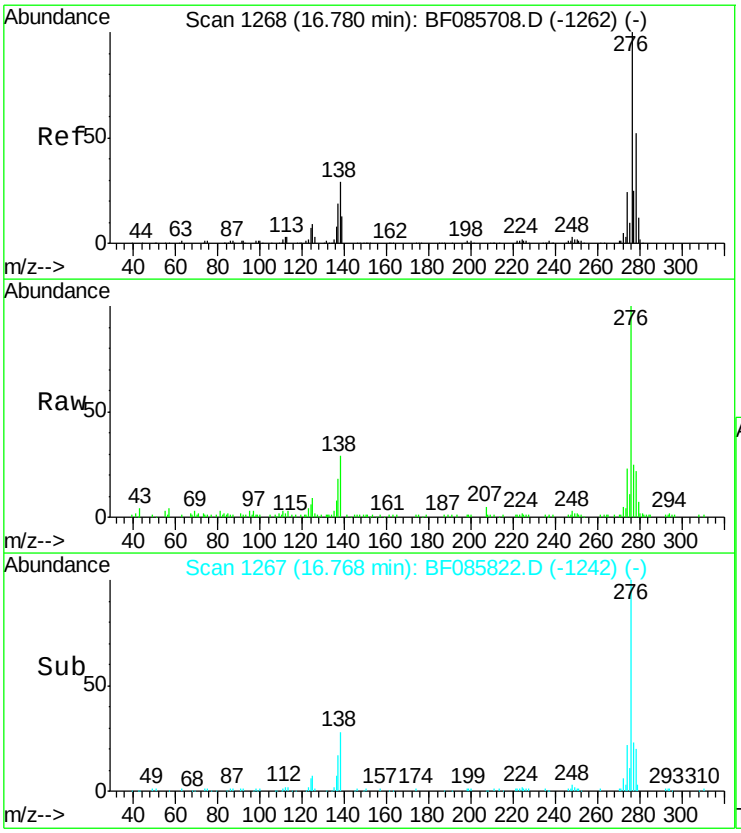
#82
Chrysene
Concen: 35.20 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:228 Resp: 383641

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	21.2	15.7	23.5

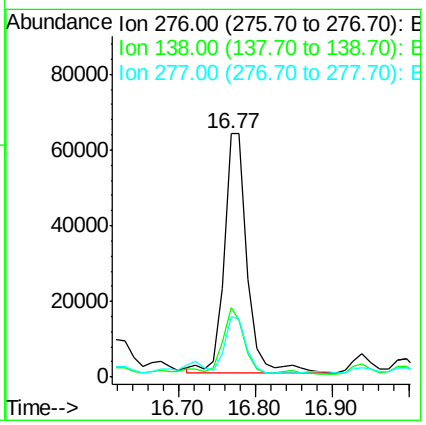


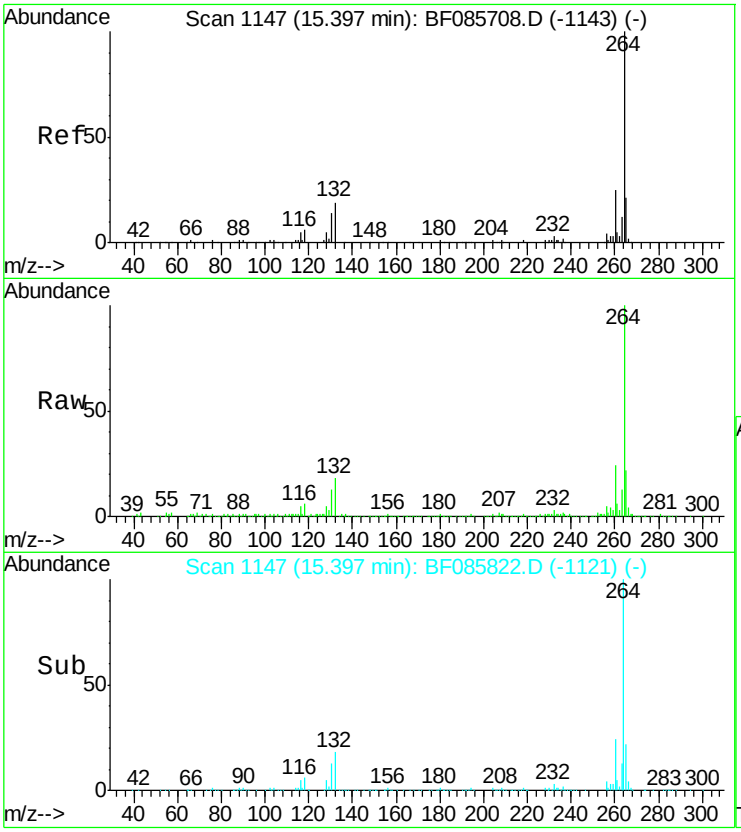


#85
Indeno(1,2,3-cd)pyrene
Concen: 15.99 ng
RT: 16.77 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:276 Resp: 134602

Ion	Ratio	Lower	Upper
276	100		
138	28.3	24.2	36.4
277	21.3	20.0	30.0



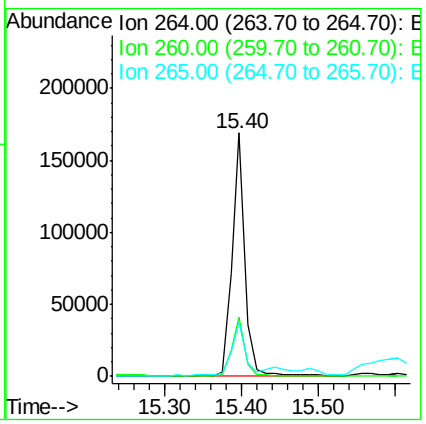


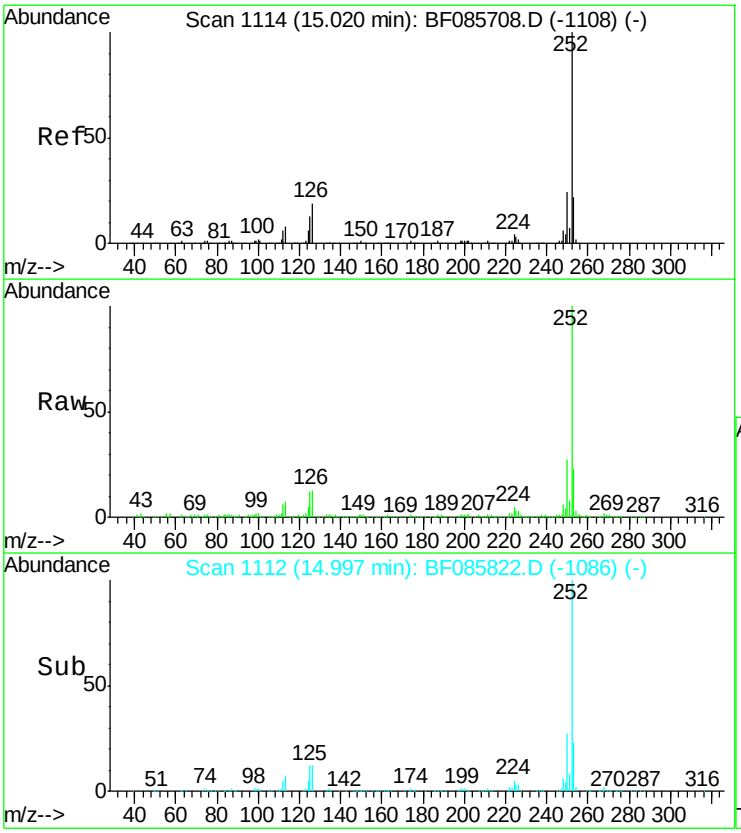
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:264 Resp: 200122

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.4	17.2	25.8

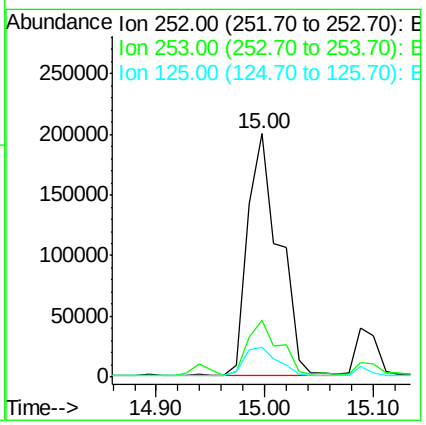


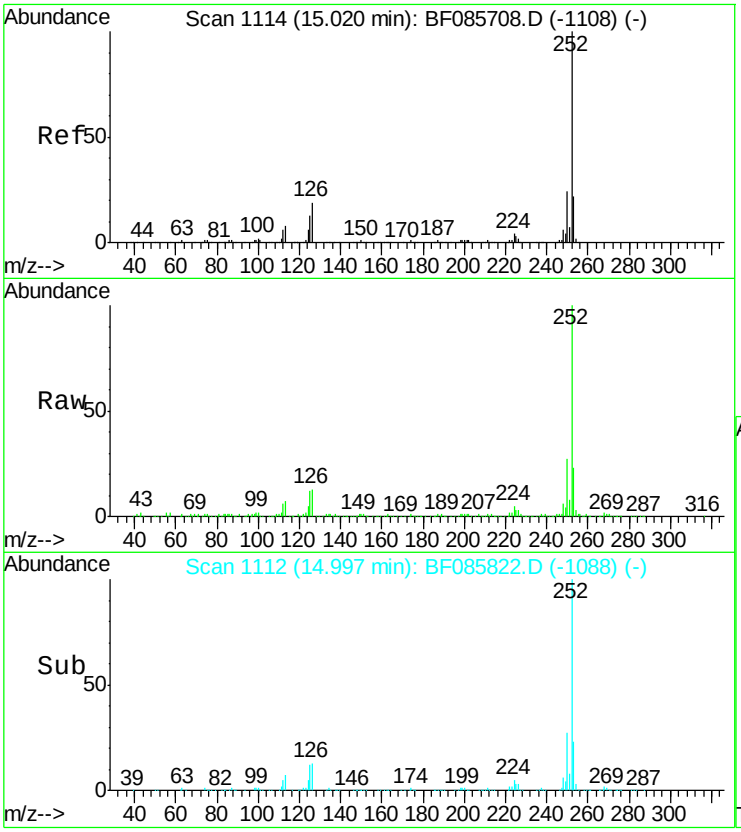


#87
Benzo(b)fluoranthene
Concen: 31.82 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:252 Resp: 401164

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	12.4	10.3	15.5



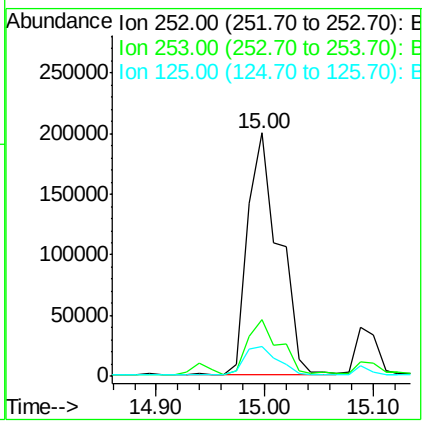


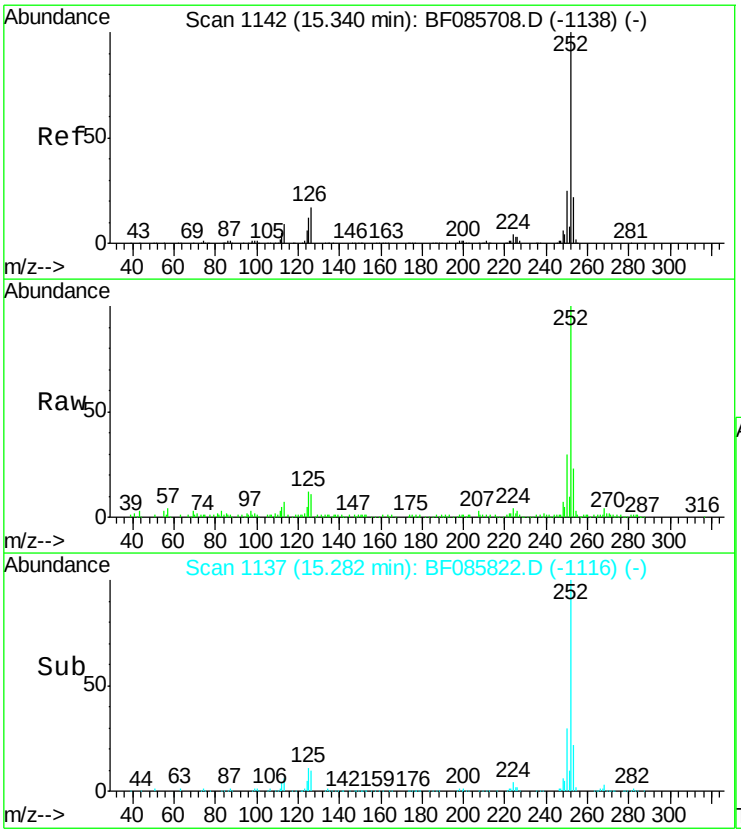
#88
Benzo(k)fluoranthene
Concen: 35.30 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:252 Resp: 401164

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	12.4	7.7	11.5#

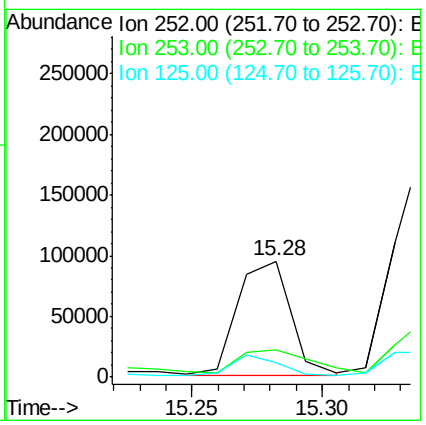


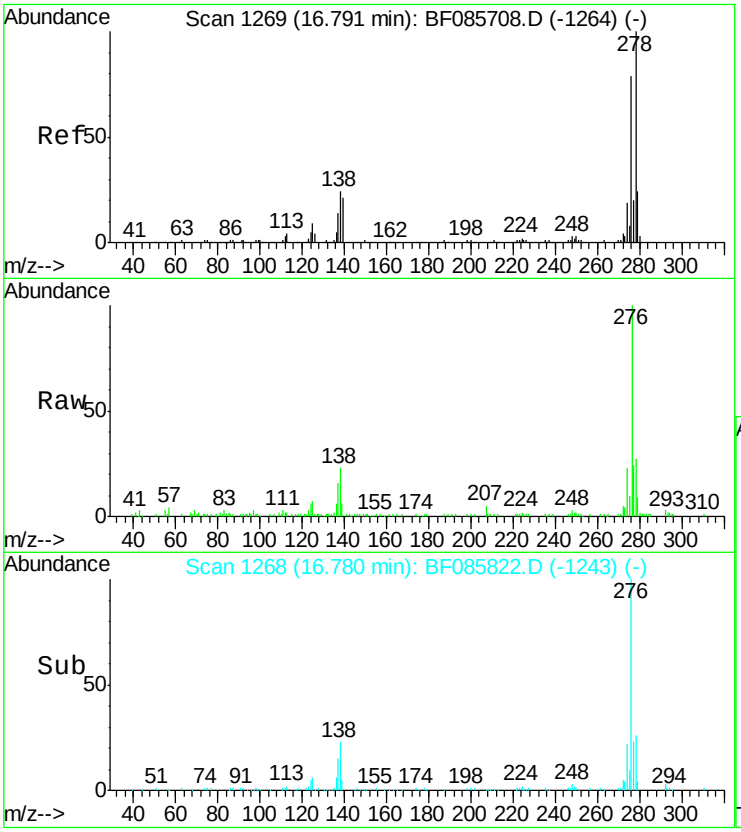


#89
Benzo(a)pyrene
Concen: 12.04 ng
RT: 15.28 min Scan# 1137
Delta R.T. -0.06 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:252 Resp: 134743

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	12.2	10.3	15.5



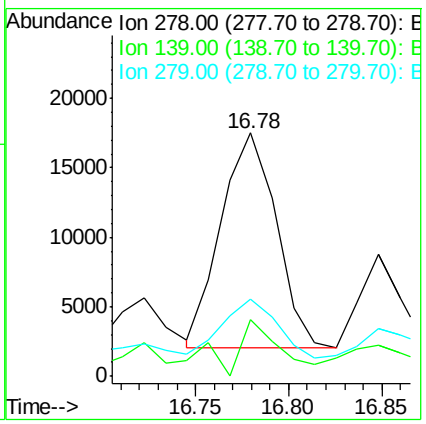


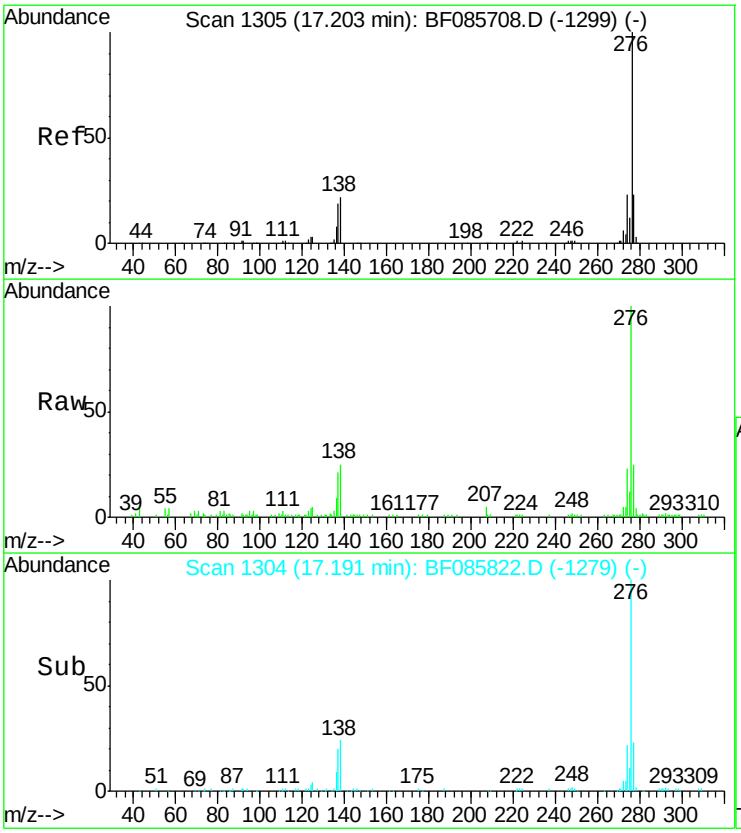
#90
Dibenzo(a,h)anthracene
Concen: 3.06 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Instrument :
BNA_F
ClientSampleId :
GW-04(2-3)

Tgt Ion:278 Resp: 31790

Ion	Ratio	Lower	Upper
278	100		
139	23.2	14.4	21.6#
279	31.8	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 11.27 ng
RT: 17.19 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF085822.D
Acq: 29 Mar 2016 1:01

Tgt Ion:276 Resp: 118651

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	25.3	22.6	34.0