Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082346.D
Acq On : 17 Oct 2015 2:02
Operator : UM/IZ
Sample : G4009-02RE 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-2

Quant Time: Oct 17 04:33:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 17 04:30:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	40969	20.00	ng		0.17
21) Naphthalene-d8	8.25	136	225139	20.00	ng		0.01
38) Acenaphthene-d10	9.99	164	122565	20.00	ng		0.00
63) Phenanthrene-d10	11.47	188	257737	20.00	ng		0.00
75) Chrysene-d12	14.16	240	234925	20.00	ng		0.02
86) Perylene-d12	15.70	264	217543	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	67990	33.49	ng		0.01
7) Phenol-d6	6.61	99	87576	33.15	ng		0.01
23) Nitrobenzene-d5	7.53	82	54079	16.13	ng		0.01
41) 2,4,6-Tribromophenol	10.79	330	28304	24.62	ng		0.01
44) 2-Fluorobiphenyl	9.31	172	136869	18.52	ng		0.01
78) Terphenyl-d14	13.06	244	136398	15.39	ng		0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	5878	3.17	ng	#	77
25) Isophorone	7.53	82	54608	8.07	ng	#	66
31) Naphthalene	8.26	128	21896	2.24	ng		98
49) Dimethylphthalate	9.70	163	36703	4.25	ng		99
50) 2,6-Dinitrotoluene	9.99	165	16089	8.83	ng	#	30
51) Acenaphthene	10.02	154	32838	4.77	ng		98
54) Dibenzofuran	10.19	168	36648	3.88	ng		97
55) 4-Nitrophenol	10.19	139	12946	12.82	ng	#	11
56) 2,4-Dinitrotoluene	9.99	165	16320	7.17	ng	#	21
57) Fluorene	10.54	166	23764	3.06	ng		99
70) Phenanthrene	11.51	178	807095	63.89	ng		99
71) Anthracene	11.55	178	160535	12.33	ng		98
72) Carbazole	11.71	167	79736	6.71	ng		98
74) Fluoranthene	12.70	202	983072	72.45	ng		97
77) Pyrene	12.93	202	828278	59.41	ng		99
80) Benzo(a)anthracene	14.15	228	538373	44.05	ng		98
82) Chrysene	14.18	228	367253	28.51	ng		98
85) Indeno(1,2,3-cd)pyrene	17.21	276	196628	19.21	ng		95
87) Benzo(b)fluoranthene	15.27	252	720304	54.42	ng		99
88) Benzo(k)fluoranthene	15.27	252	720304	64.75	ng		98
89) Benzo(a)pyrene	15.65	252	345180	30.35	ng		98
90) Dibenzo(a,h)anthracene	17.40	278	40830	4.38	ng		96
91) Benzo(g,h,i)perylene	17.68	276	172798	19.08	ng		96

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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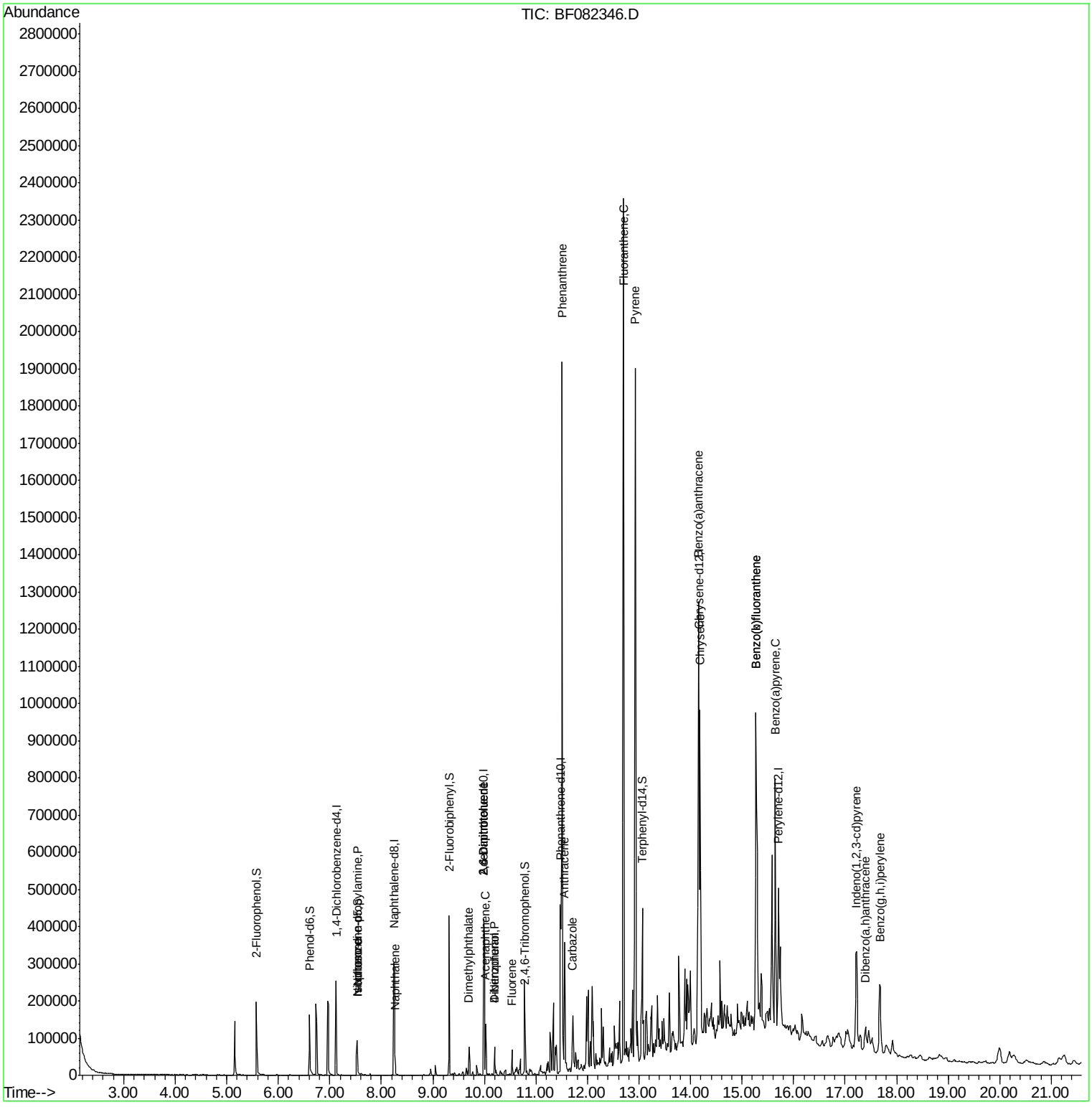
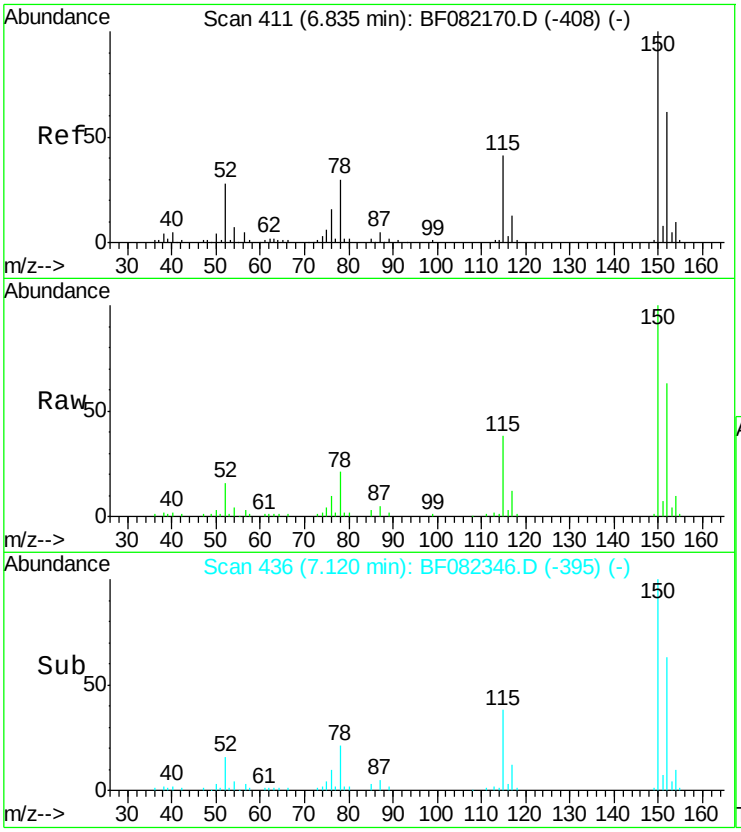


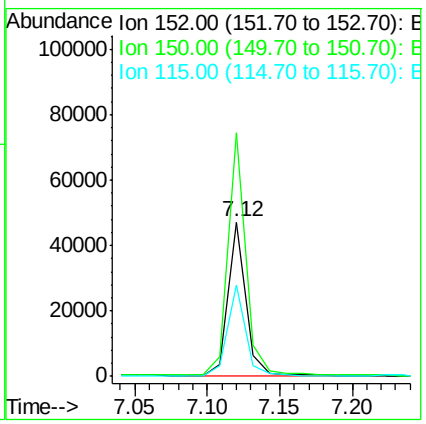


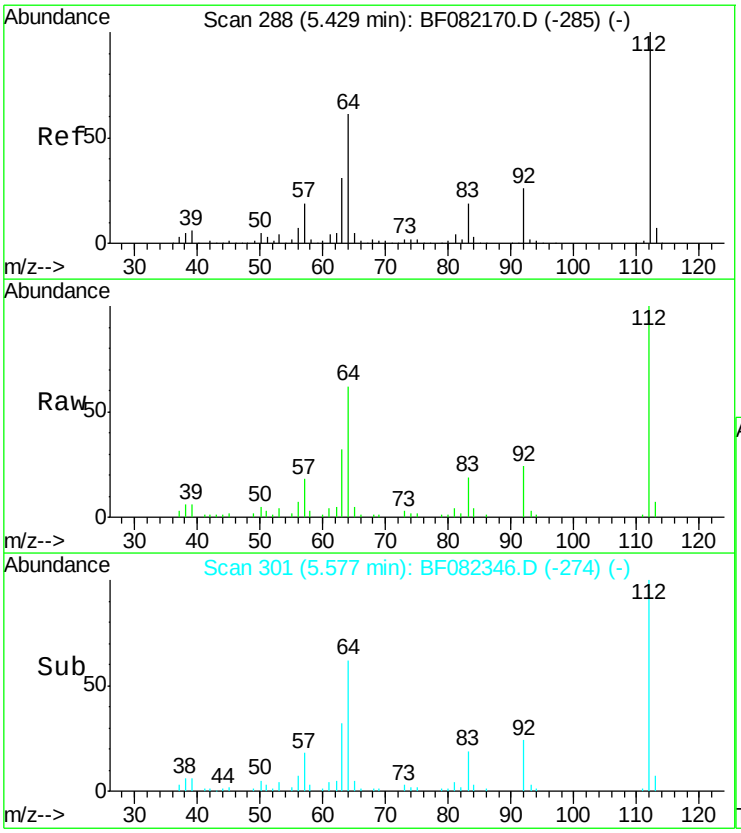
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.17 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:152 Resp: 40969

Ion	Ratio	Lower	Upper
152	100		
150	157.5	129.0	193.4
115	59.3	52.1	78.1

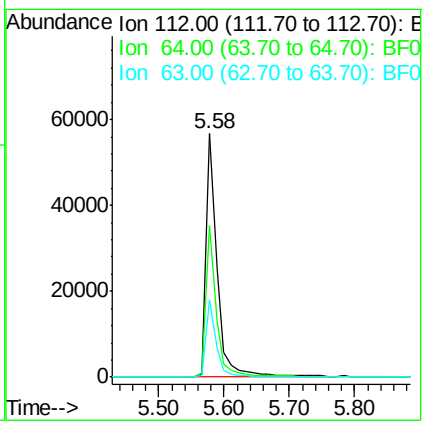


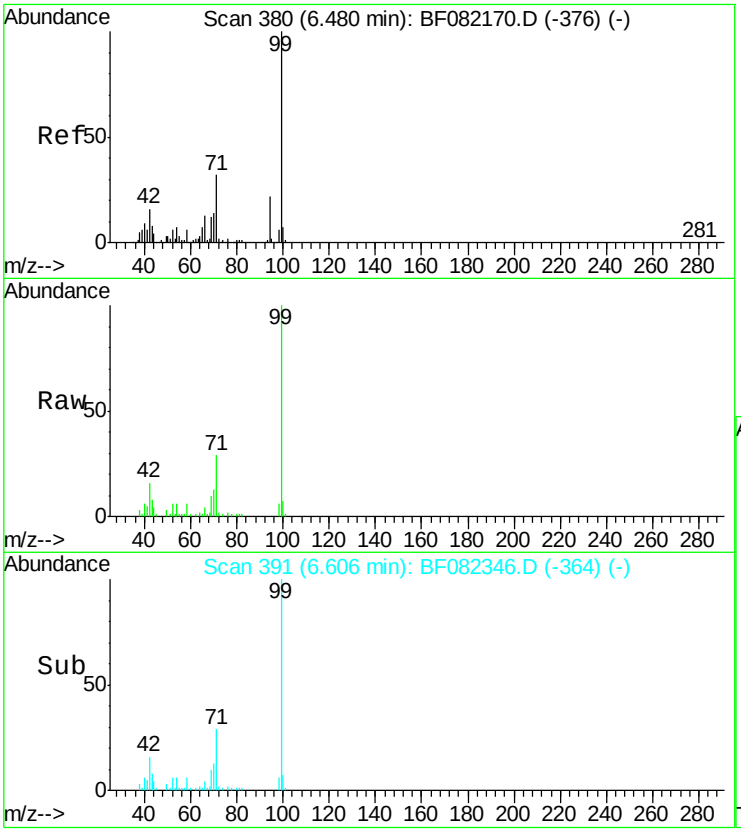


#5
2-Fluorophenol
Concen: 33.49 ng
RT: 5.58 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:112 Resp: 67990

Ion	Ratio	Lower	Upper
112	100		
64	62.0	48.6	73.0
63	31.5	25.1	37.7



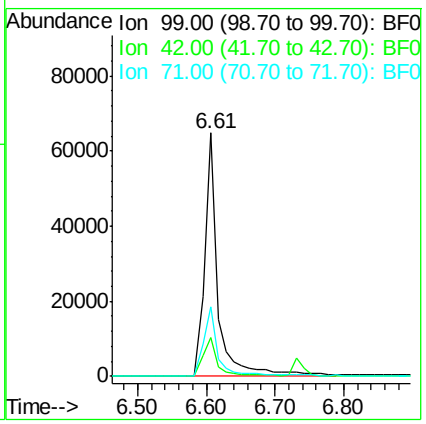


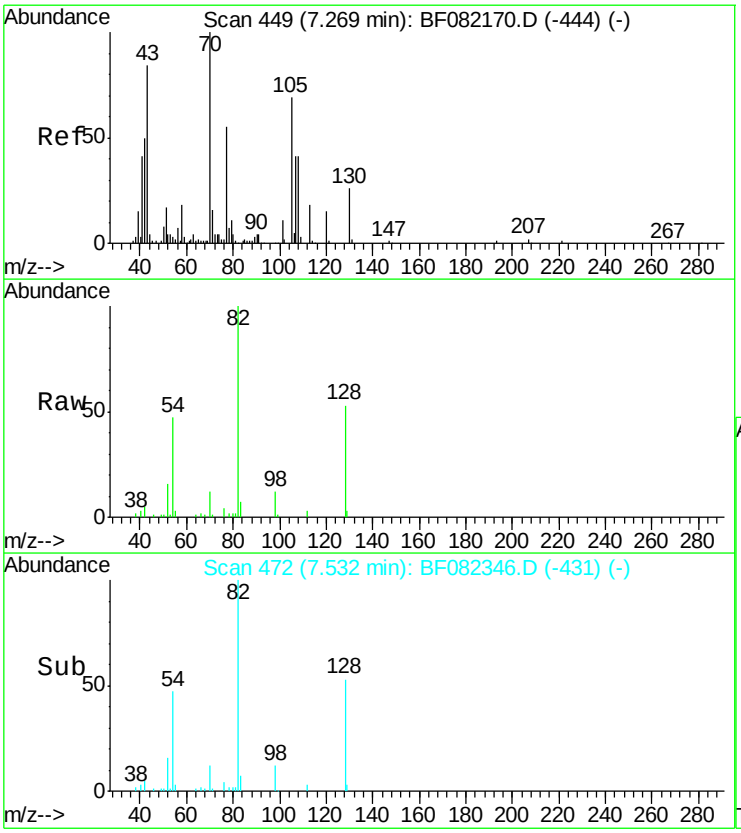
#7
Phenol-d6
Concen: 33.15 ng
RT: 6.61 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion: 99 Resp: 87576

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.2	19.8
71	28.6	25.6	38.4

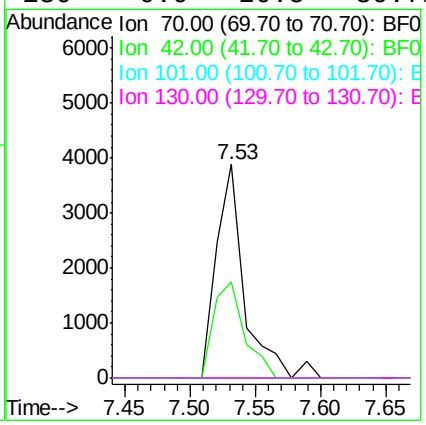


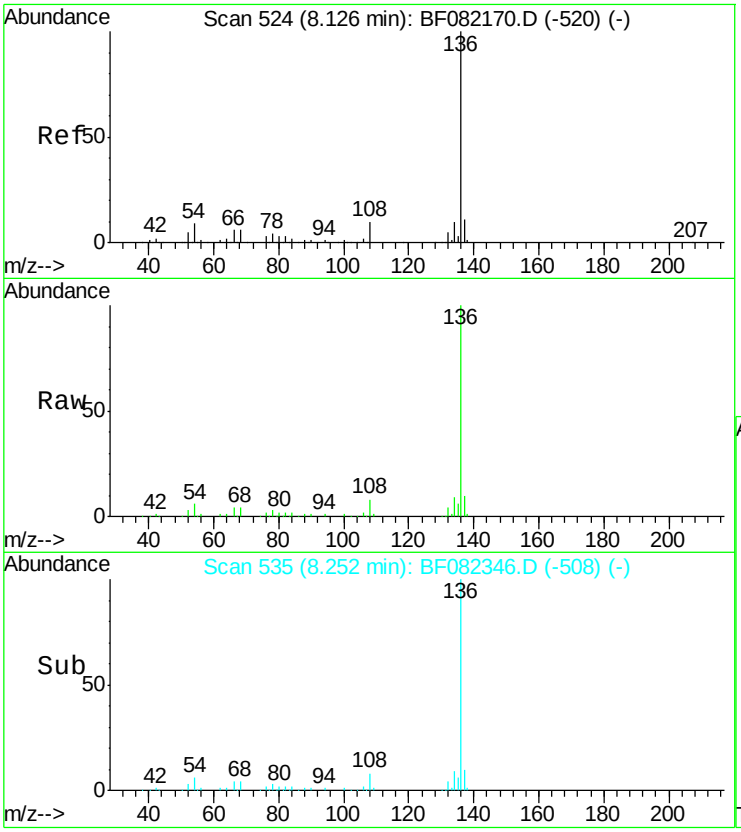


#19
n-Nitroso-di-n-propylamine
Concen: 3.17 ng
RT: 7.53 min Scan# 472
Delta R.T. 0.17 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion: 70 Resp: 5878

Ion	Ratio	Lower	Upper
70	100		
42	45.0	39.8	59.8
101	0.0	8.6	13.0#
130	0.0	20.5	30.7#



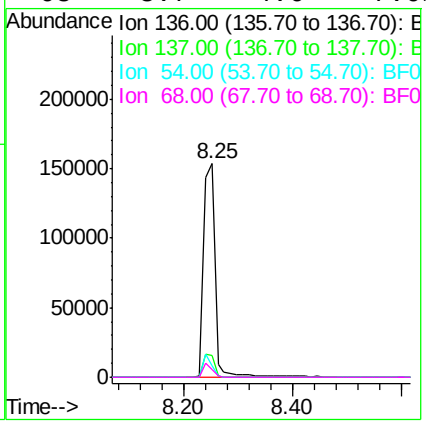


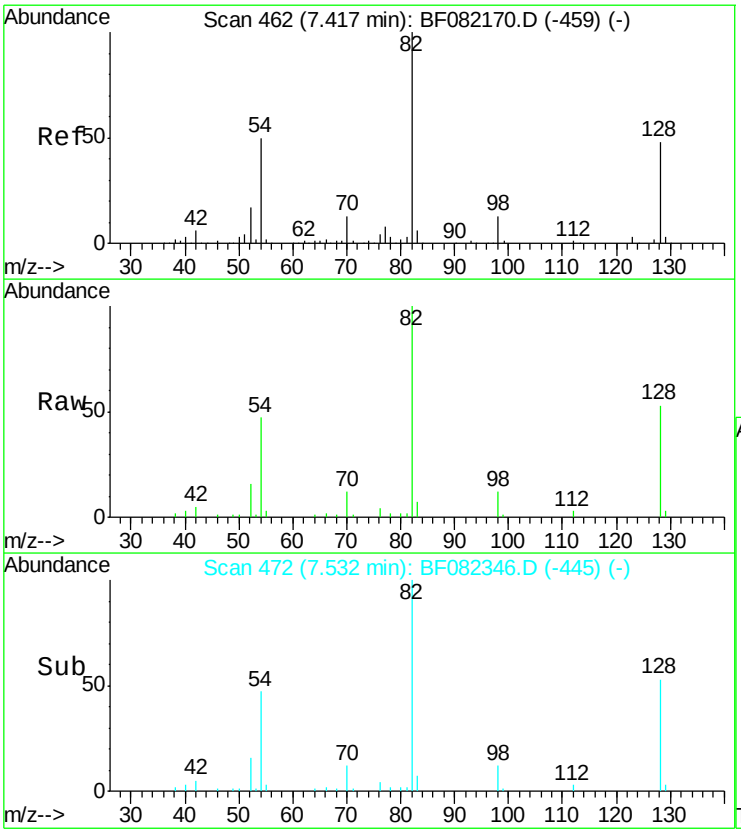
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:136 Resp: 225139

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.6
54	5.5	7.5	11.3#
68	3.7	4.6	7.0#

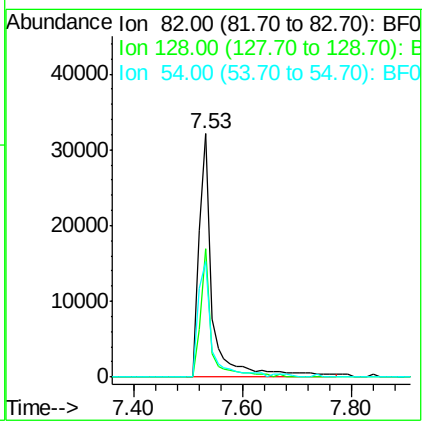


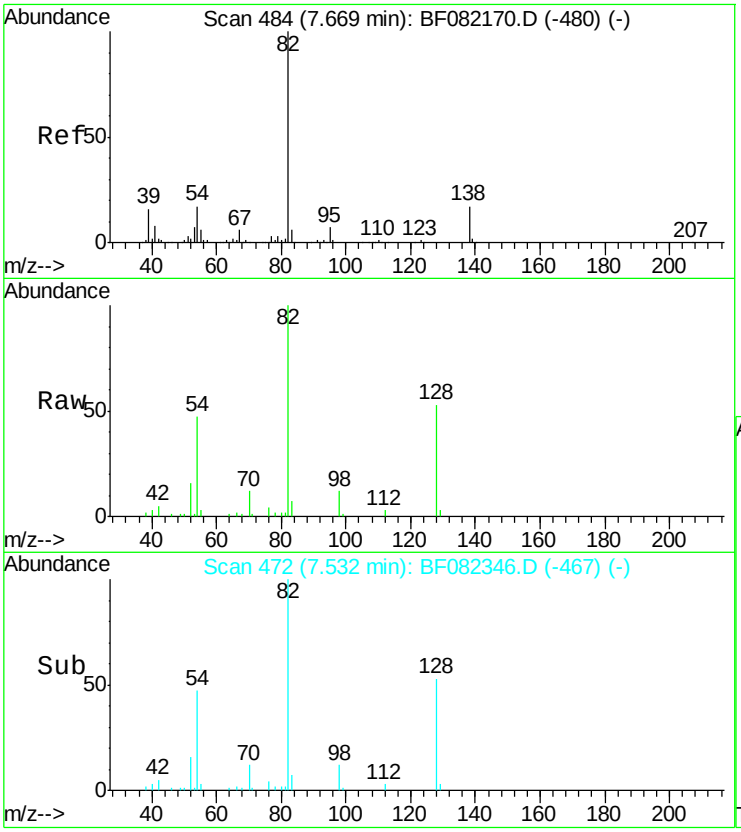


#23
Nitrobenzene-d5
Concen: 16.13 ng
RT: 7.53 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion: 82 Resp: 54079

Ion	Ratio	Lower	Upper
82	100		
128	52.6	38.7	58.1
54	47.3	40.1	60.1



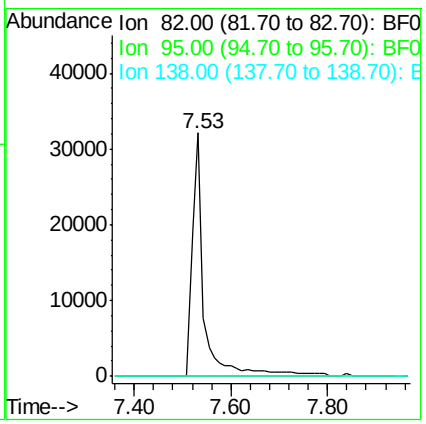


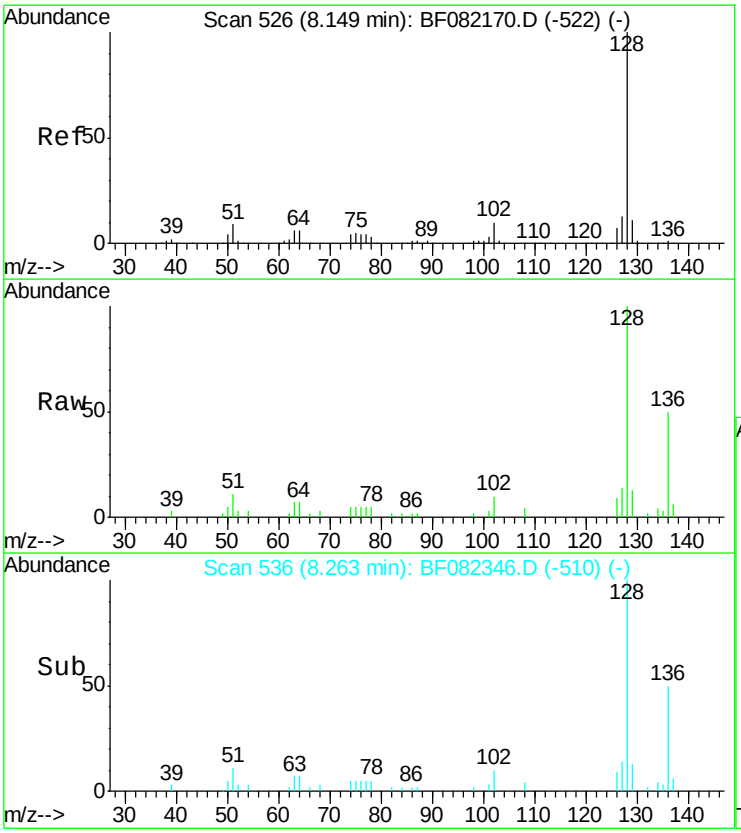
#25
Isophorone
Concen: 8.07 ng
RT: 7.53 min Scan# 472
Delta R.T. -0.24 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion: 82 Resp: 54608

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#

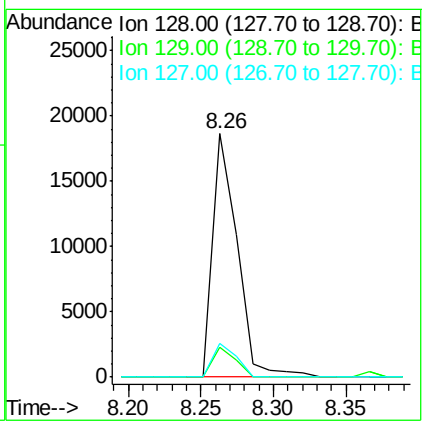


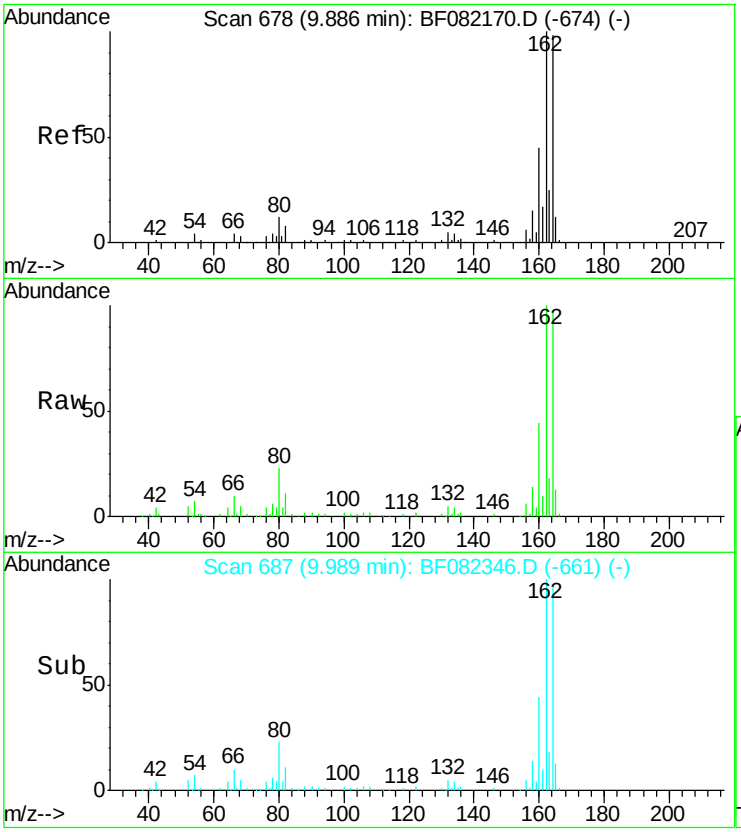


#31
Naphthalene
Concen: 2.24 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:128 Resp: 21896

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.1	13.7
127	13.8	10.7	16.1



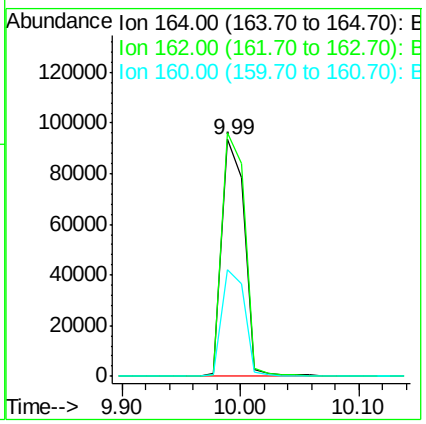


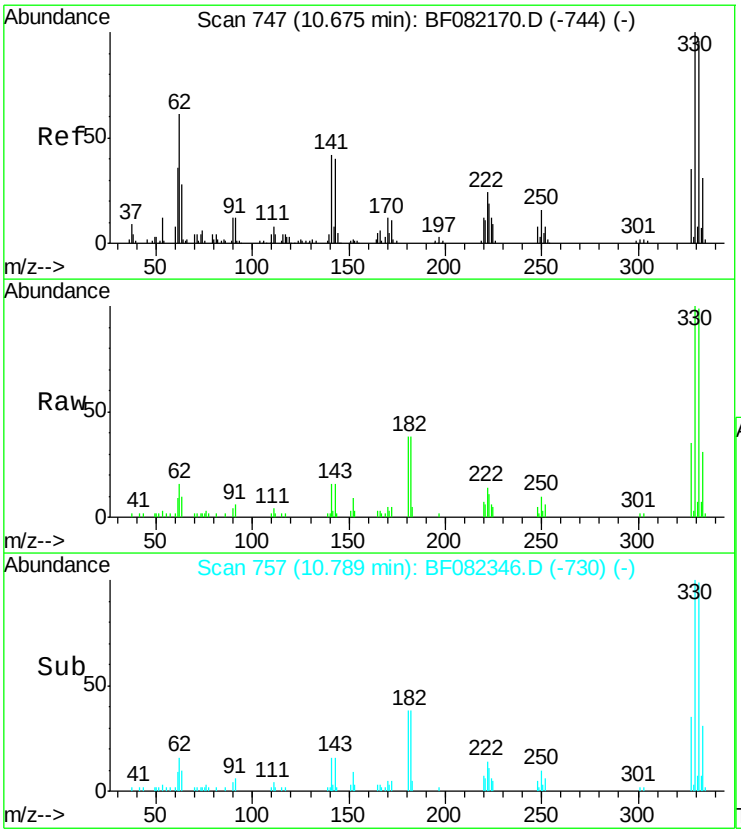
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:164 Resp: 122565

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.6	122.4
160	44.9	36.4	54.6

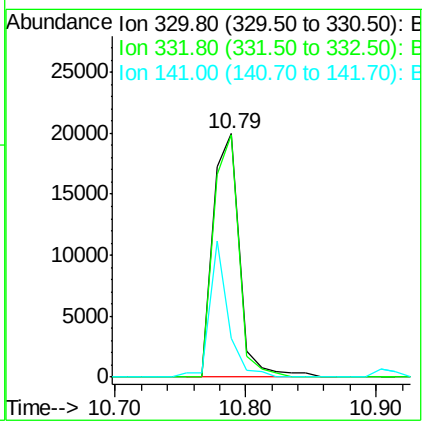


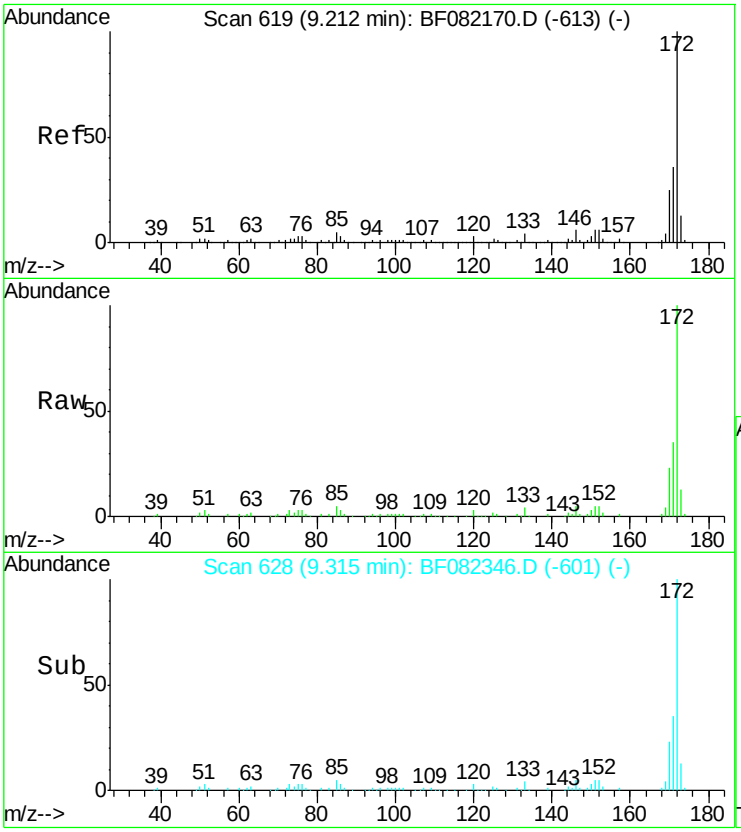


#41
2,4,6-Tribromophenol
Concen: 24.62 ng
RT: 10.79 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:330 Resp: 28304

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.1	115.7
141	38.8	29.8	44.8



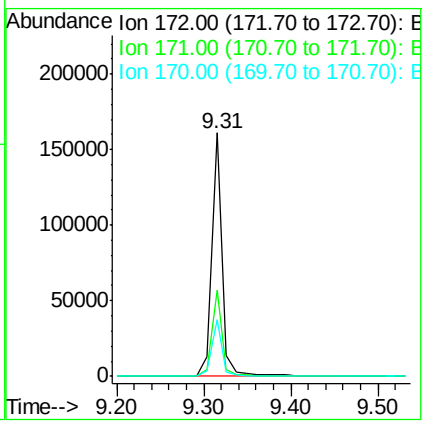


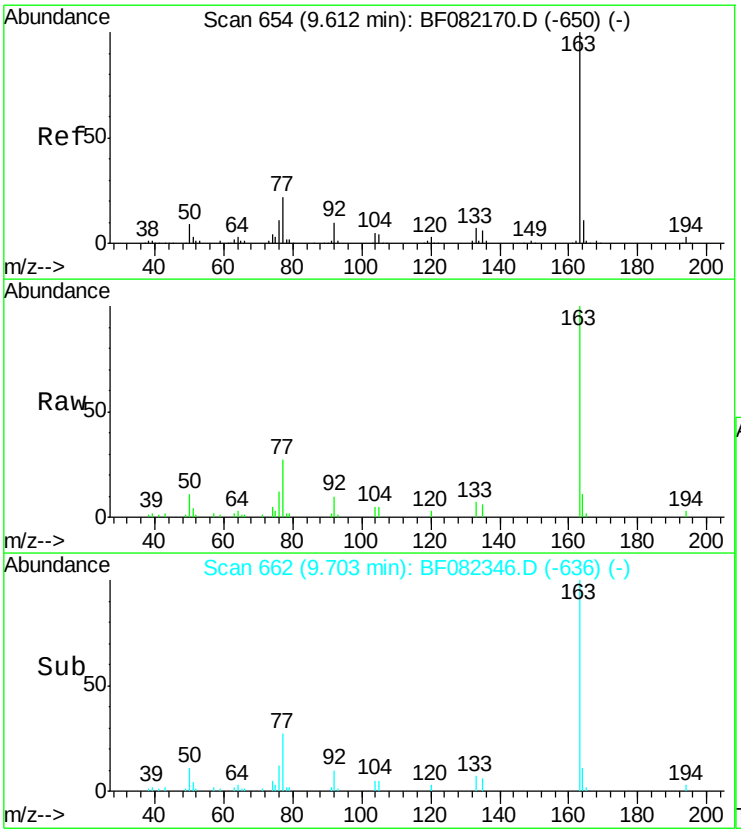
#44
2-Fluorobiphenyl
Concen: 18.52 ng
RT: 9.31 min Scan# 628
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:172 Resp: 136869

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.2	19.7	29.5

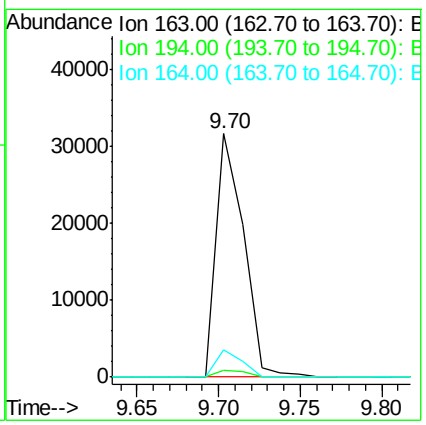


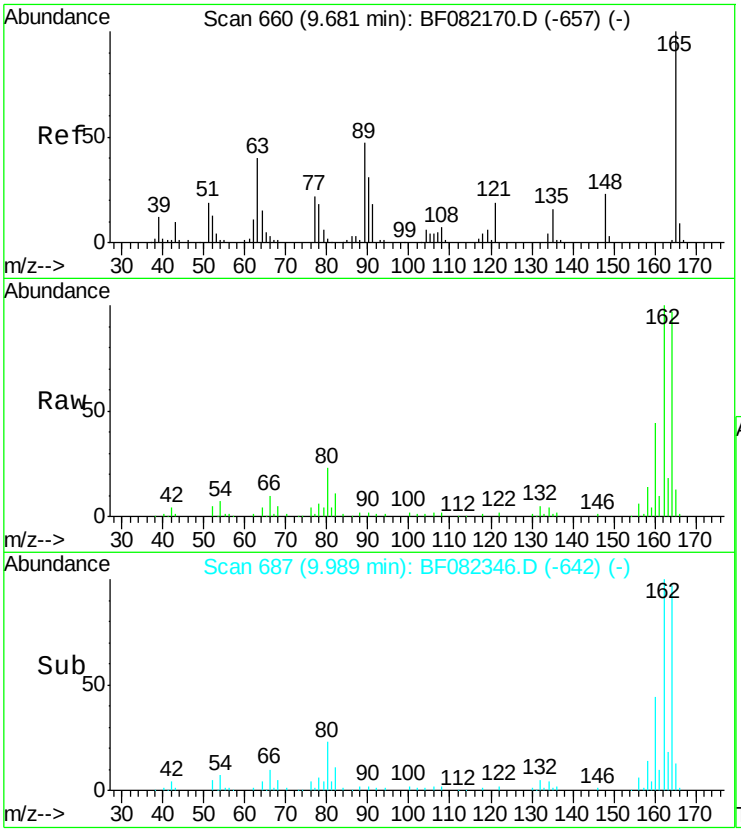


#49
Dimethylphthalate
Concen: 4.25 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:163 Resp: 36703

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	11.0	8.5	12.7



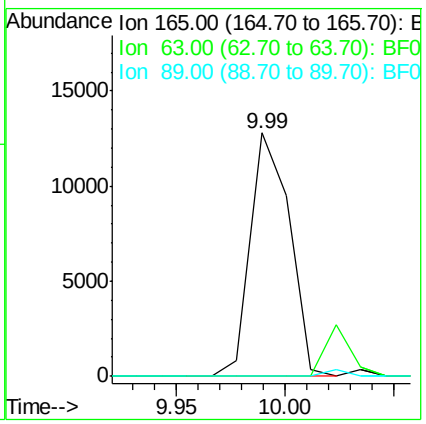


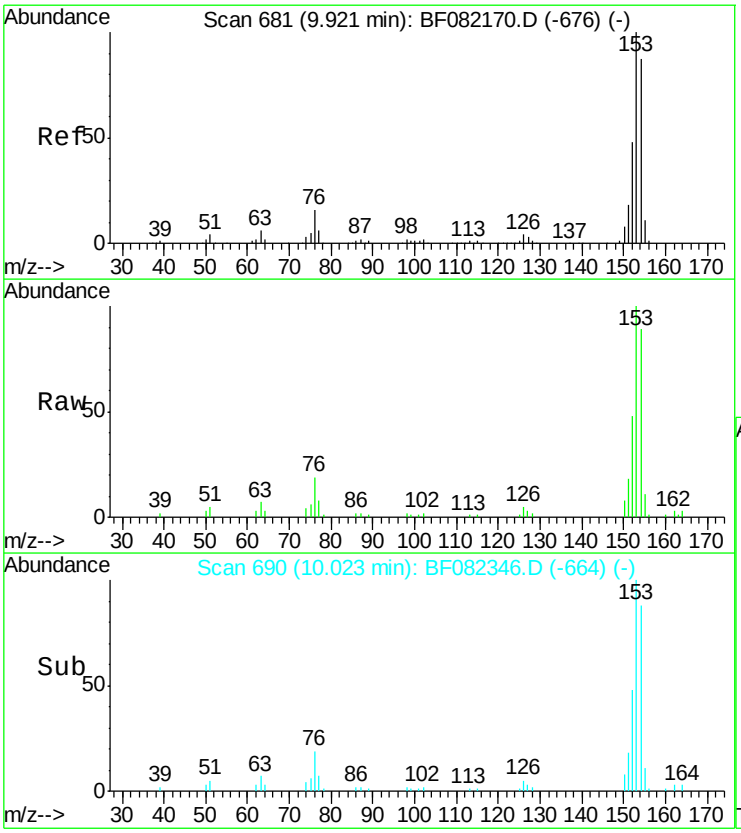
#50
2,6-Dinitrotoluene
Concen: 8.83 ng
RT: 9.99 min Scan# 687
Delta R.T. 0.22 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:165 Resp: 16089

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	37.8	56.6#

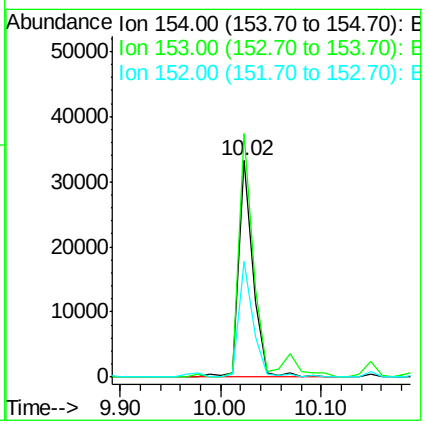


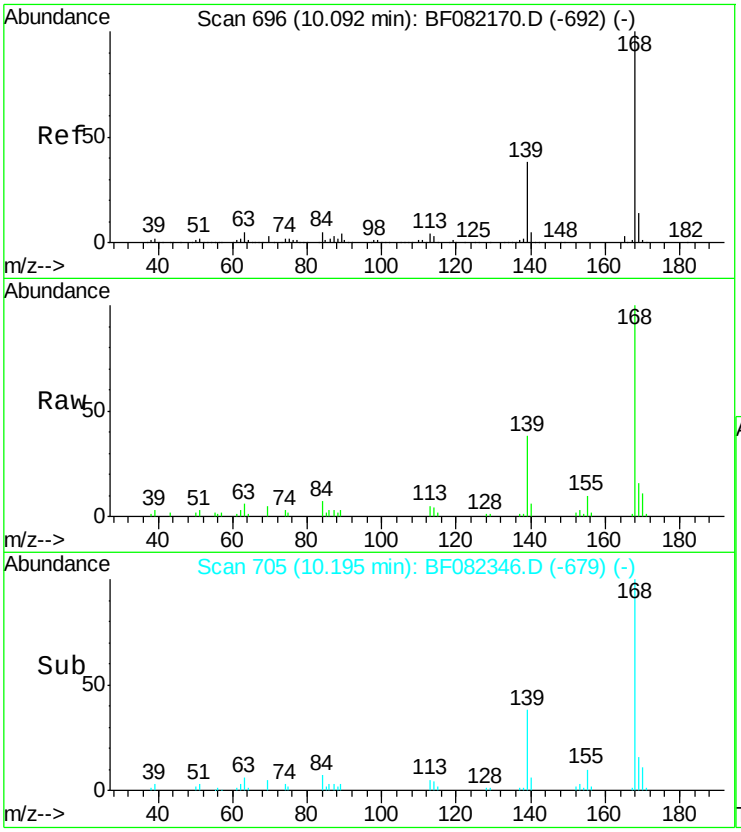


#51
Acenaphthene
Concen: 4.77 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:154 Resp: 32838

Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.4	137.2
152	53.6	44.3	66.5



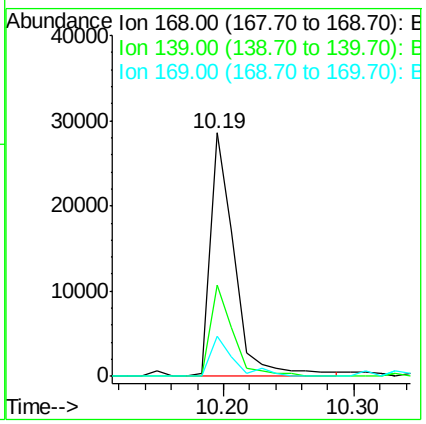


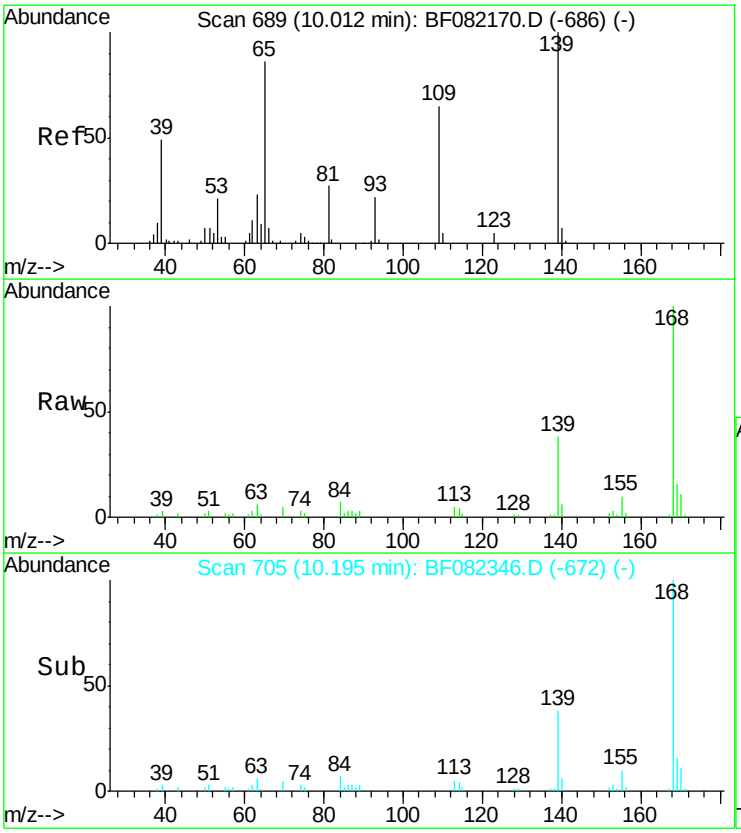
#54
Dibenzofuran
Concen: 3.88 ng
RT: 10.19 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:168 Resp: 36648

Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.0	46.6
169	16.3	10.9	16.3

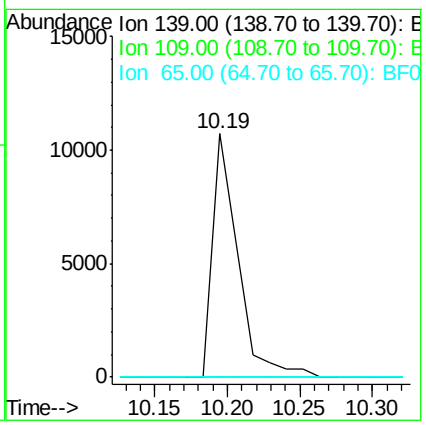


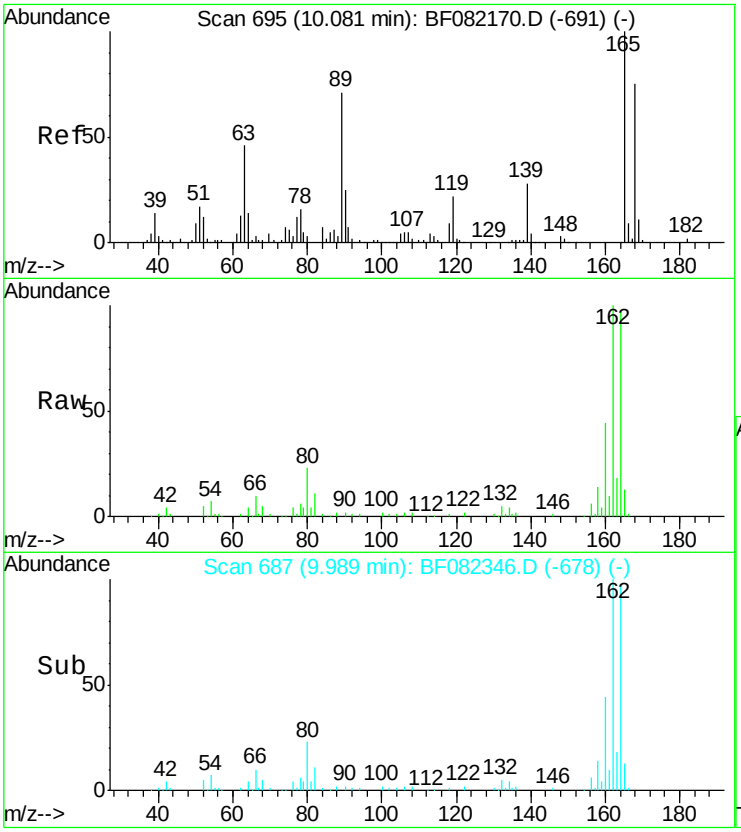


#55
4-Nitrophenol
Concen: 12.82 ng
RT: 10.19 min Scan# 705
Delta R.T. 0.08 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:139 Resp: 12946

Ion	Ratio	Lower	Upper
139	100		
109	0.0	44.8	84.8#
65	0.0	67.7	107.7#



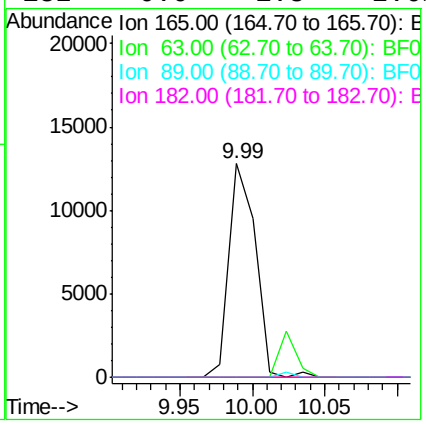


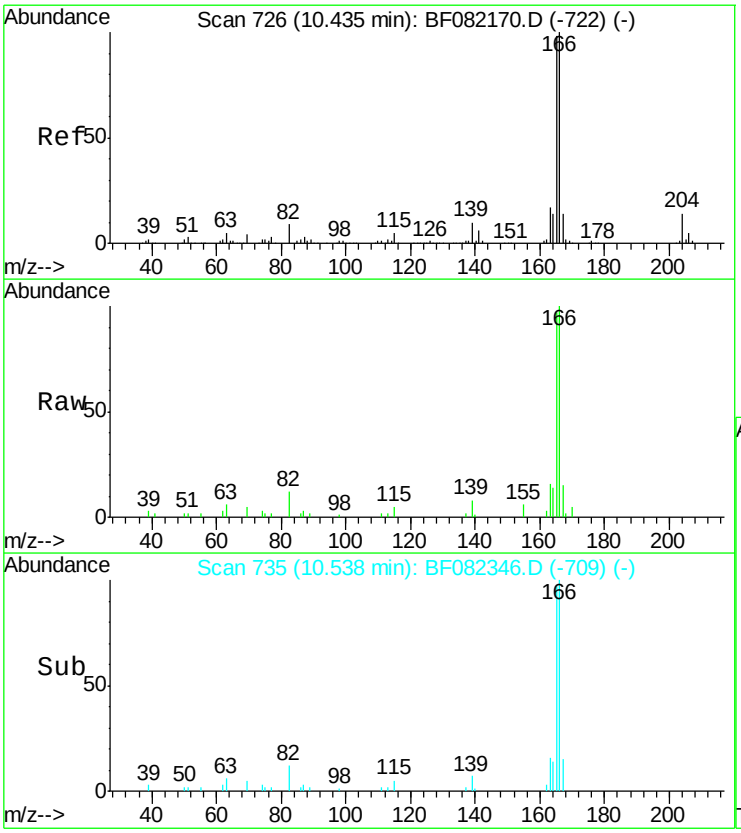
#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:165 Resp: 16320

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#

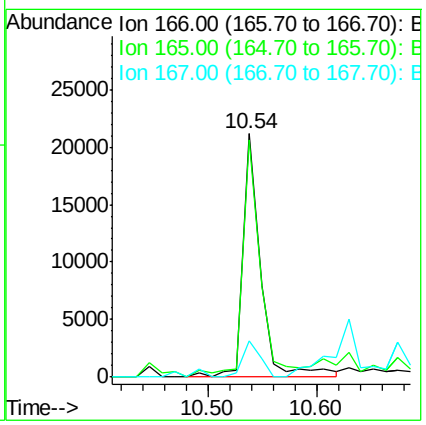


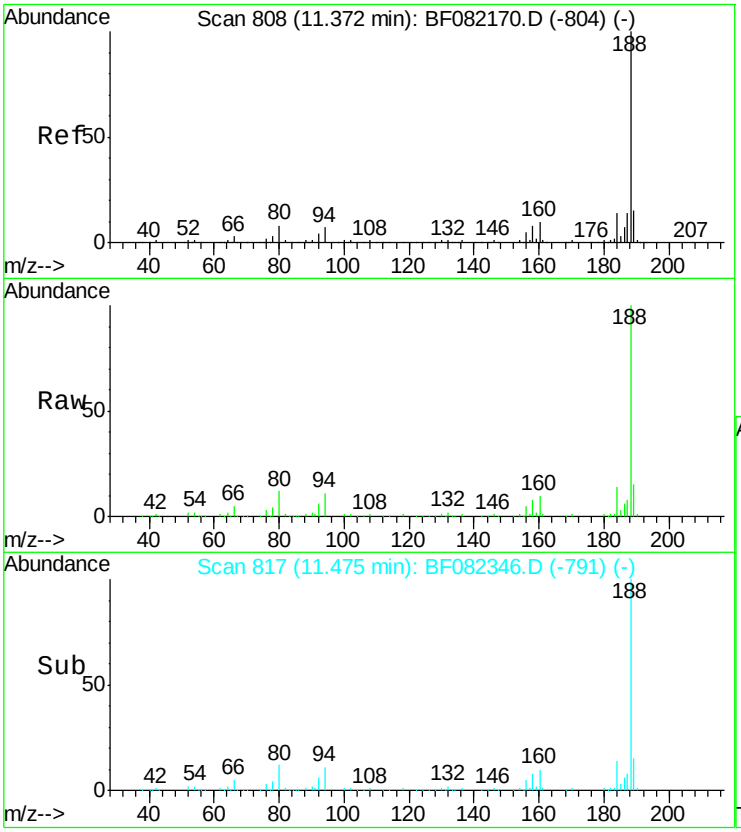


#57
Fluorene
Concen: 3.06 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:166 Resp: 23764

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.3	117.5
167	15.0	10.8	16.2



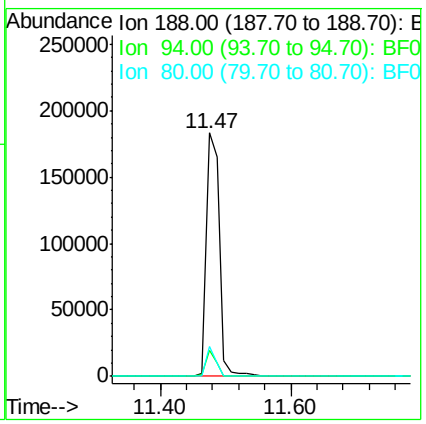


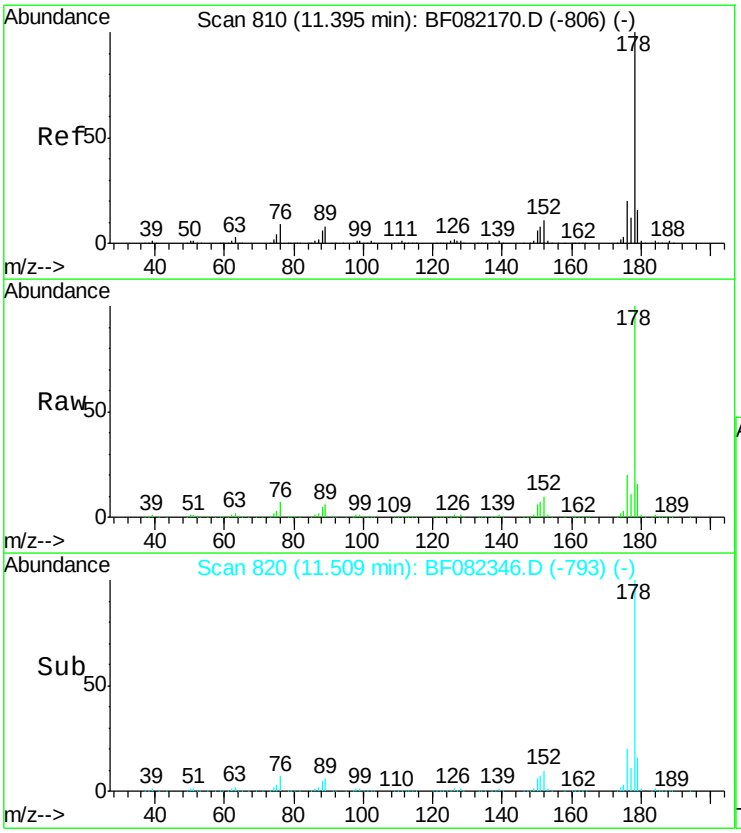
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:188 Resp: 257737

Ion	Ratio	Lower	Upper
188	100		
94	10.8	5.8	8.6#
80	12.3	6.4	9.6#

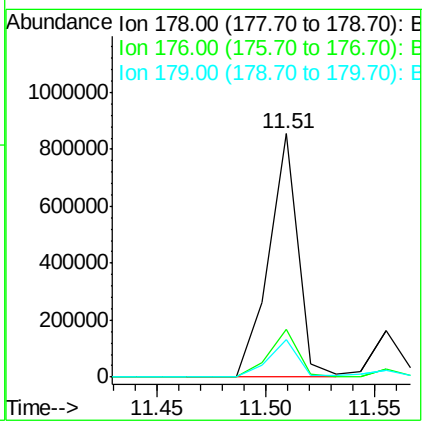


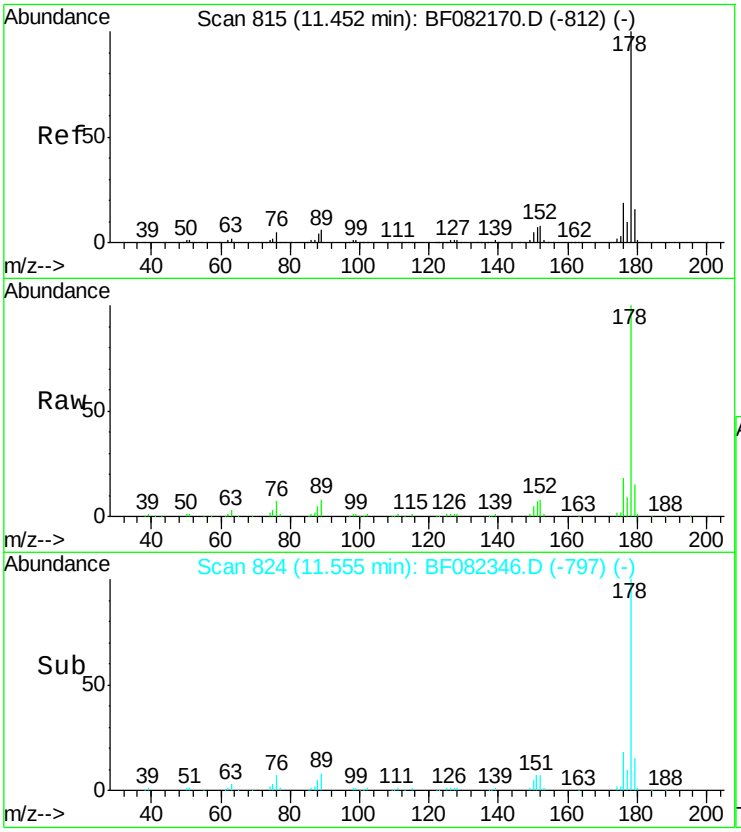


#70
Phenanthrene
Concen: 63.89 ng
RT: 11.51 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:178 Resp: 807095

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.6	12.6	19.0



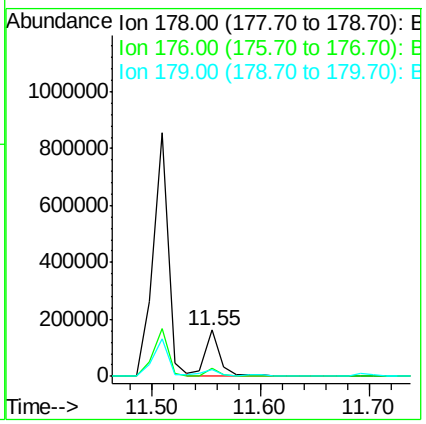


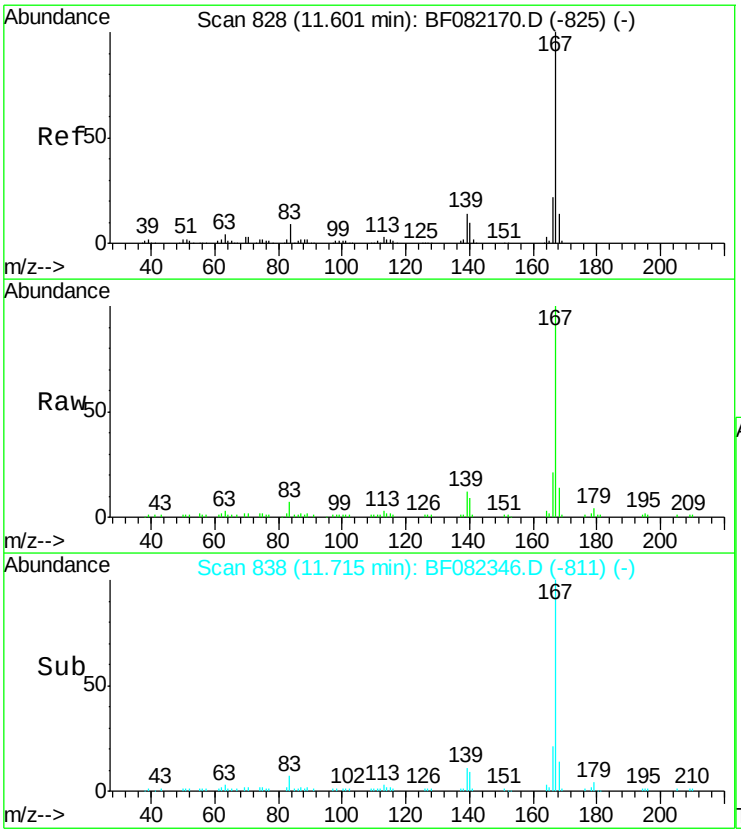
#71
Anthracene
Concen: 12.33 ng
RT: 11.55 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:178 Resp: 160535

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.0
179	15.2	12.5	18.7

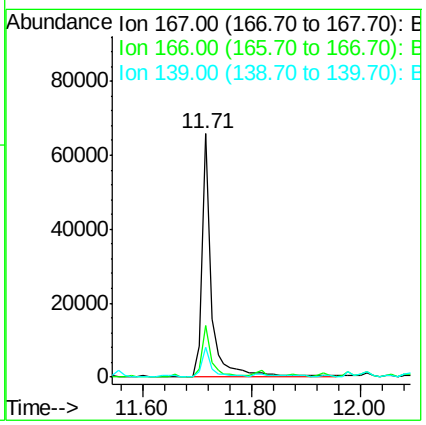


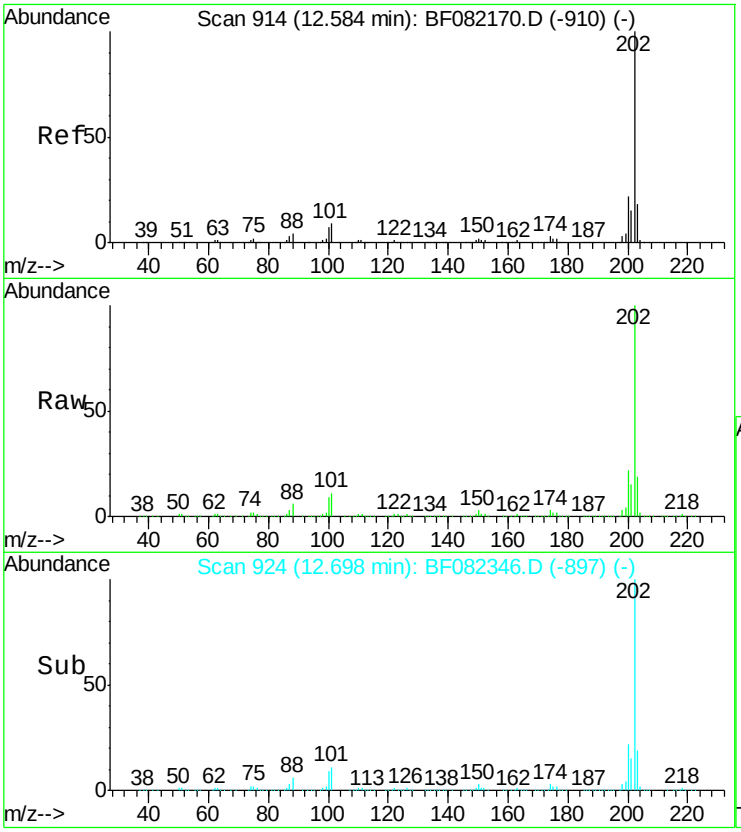


#72
Carbazole
Concen: 6.71 ng
RT: 11.71 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:167 Resp: 79736

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.3	25.9
139	12.4	11.2	16.8



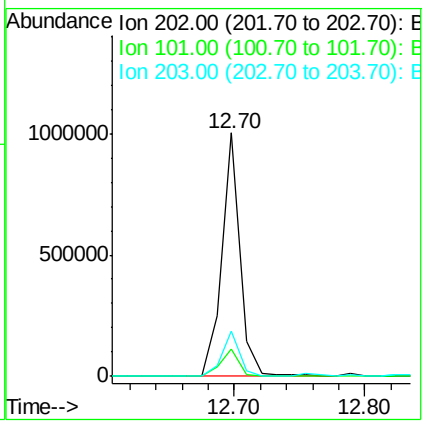


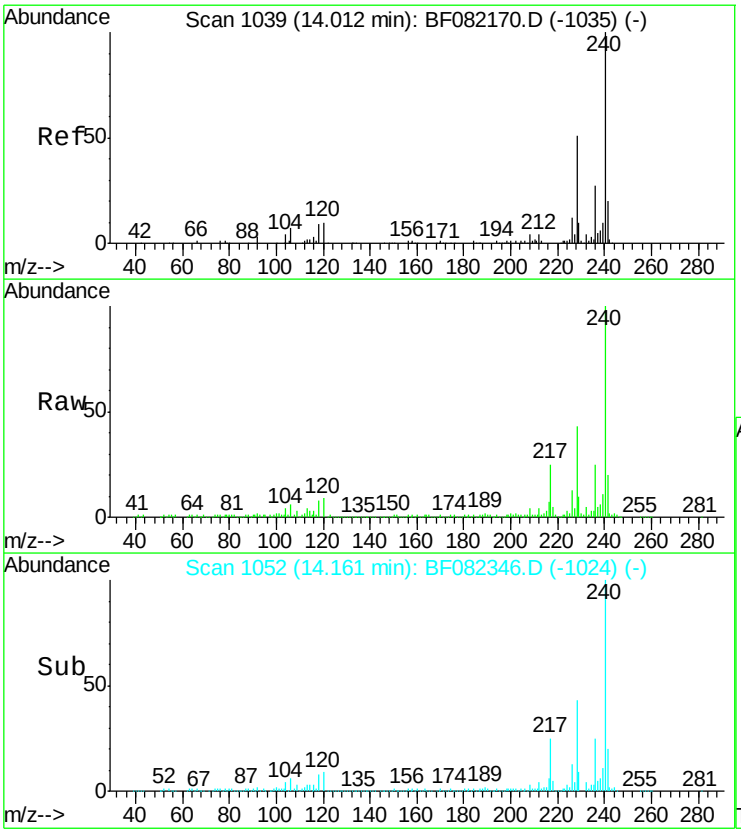
#74
Fluoranthene
Concen: 72.45 ng
RT: 12.70 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:202 Resp: 983072

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	29.3
203	18.5	0.0	37.8

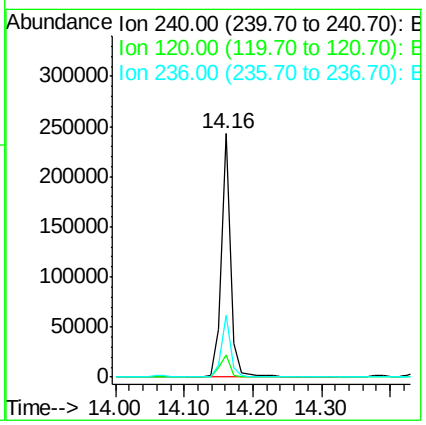


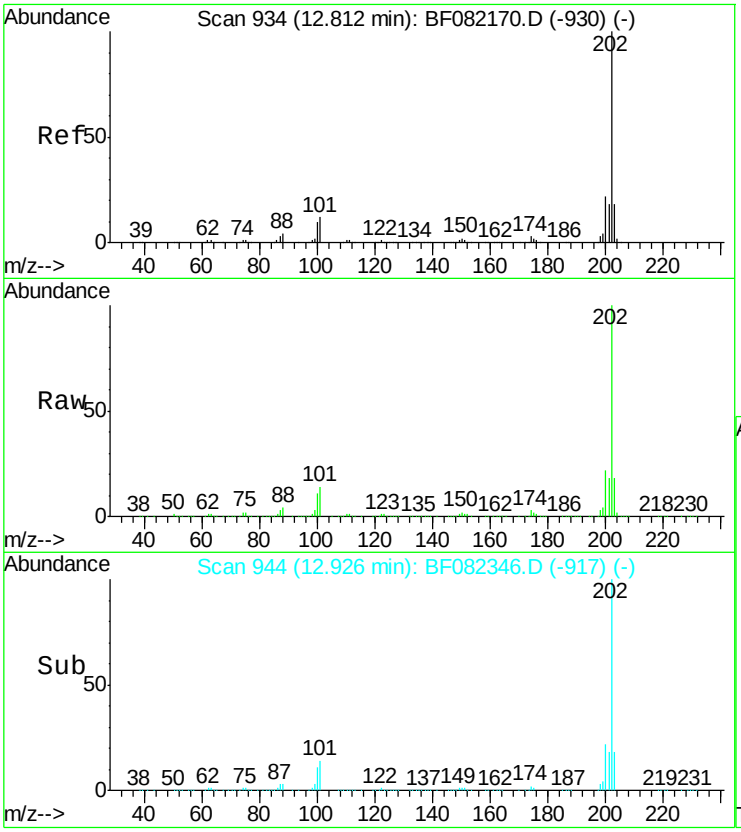


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1052
Delta R.T. 0.02 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:240 Resp: 234925

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	25.3	21.3	31.9



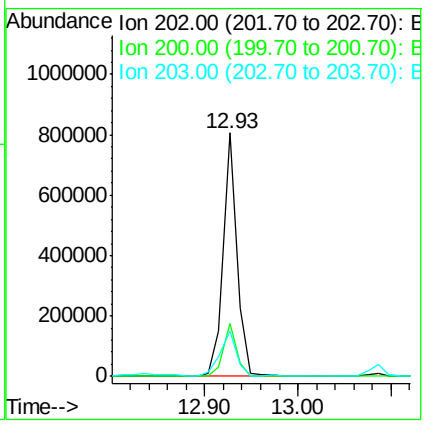


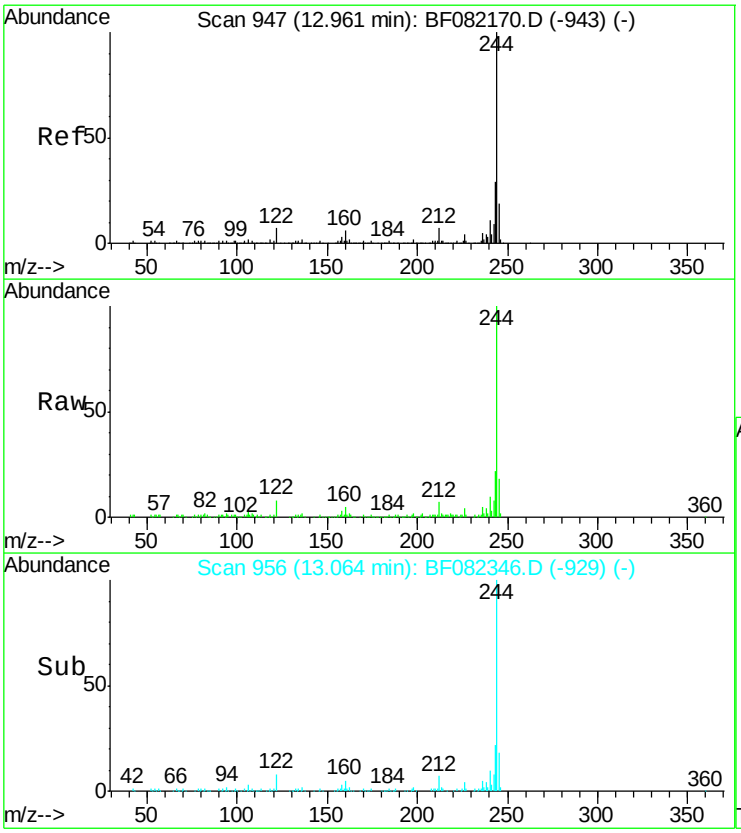
#77
Pyrene
Concen: 59.41 ng
RT: 12.93 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:202 Resp: 828278

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.9	26.9
203	18.5	14.5	21.7

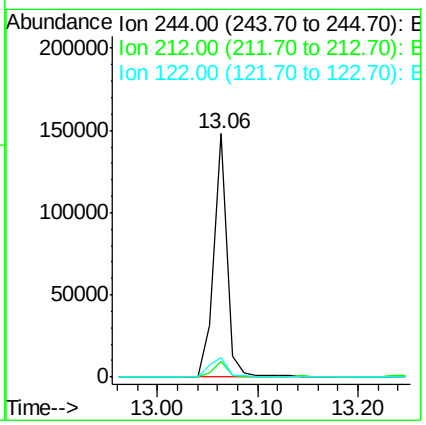


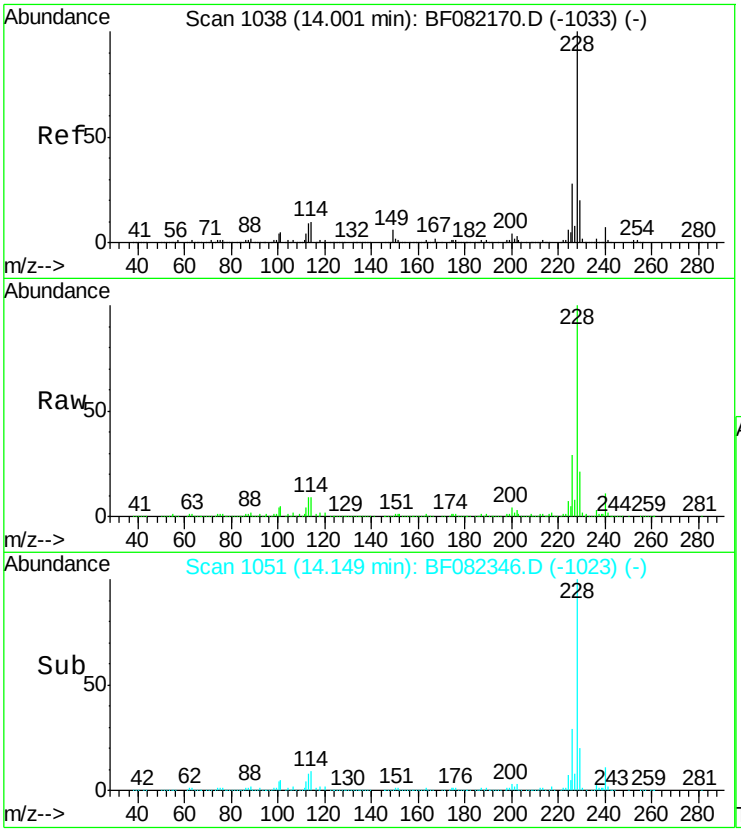


#78
Terphenyl-d14
Concen: 15.39 ng
RT: 13.06 min Scan# 956
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:244 Resp: 136398

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	8.0	5.9	8.9



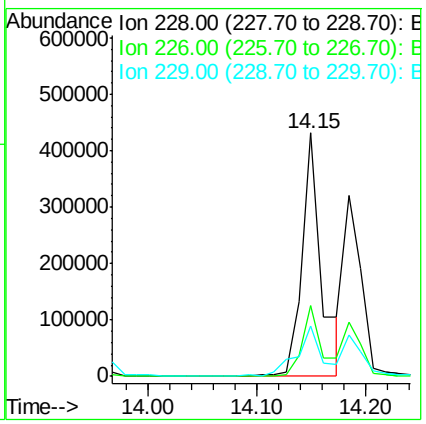


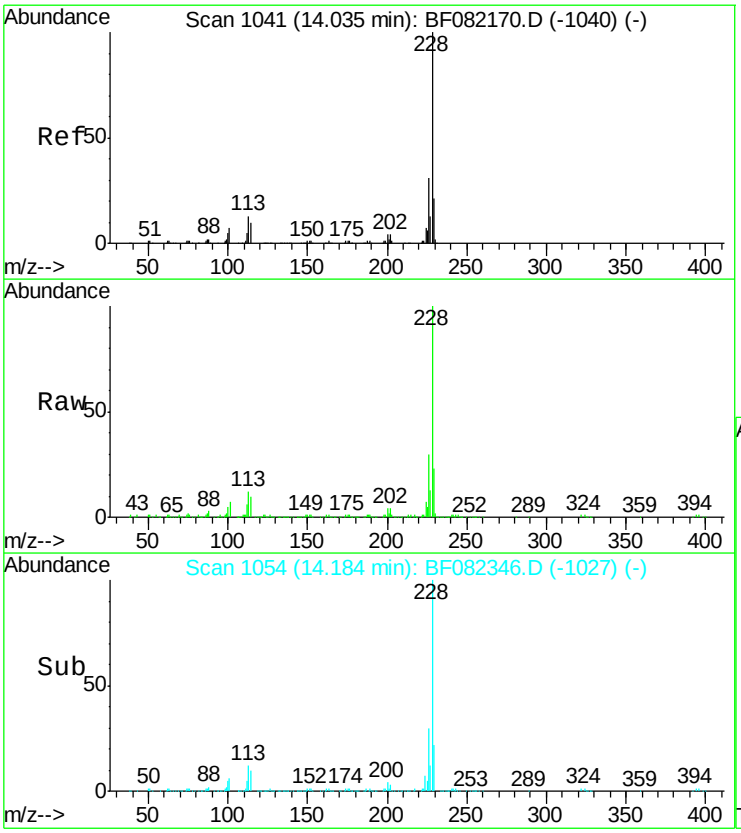
#80
Benzo(a)anthracene
Concen: 44.05 ng
RT: 14.15 min Scan# 1051
Delta R.T. 0.02 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:228 Resp: 538373

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	20.5	16.2	24.2

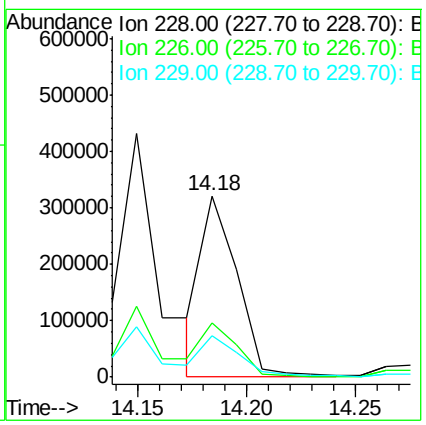


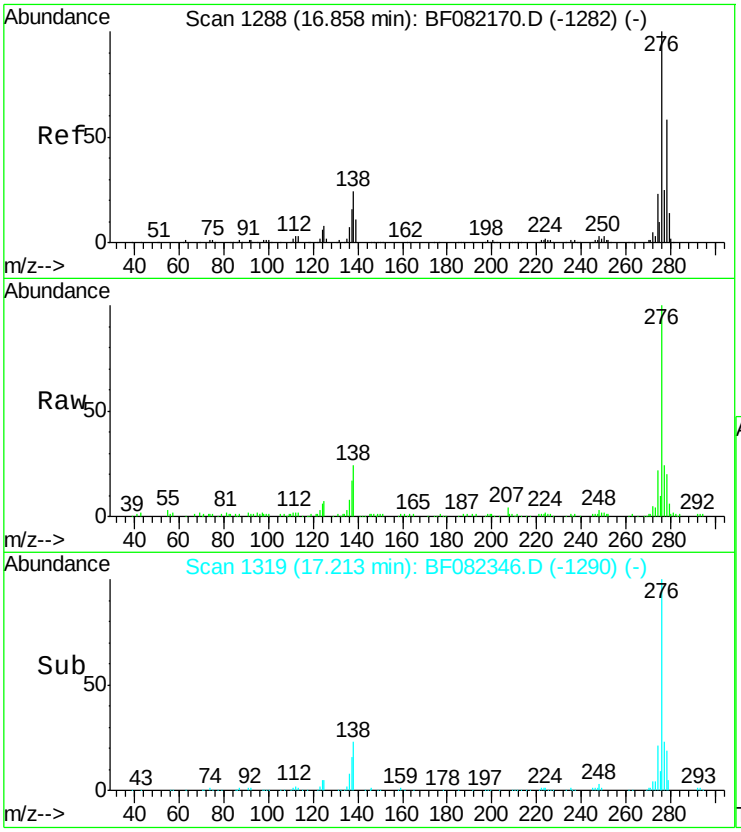


#82
Chrysene
Concen: 28.51 ng
RT: 14.18 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:228 Resp: 367253

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	22.5	16.3	24.5



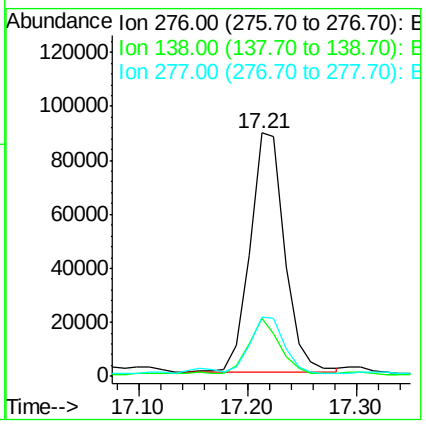


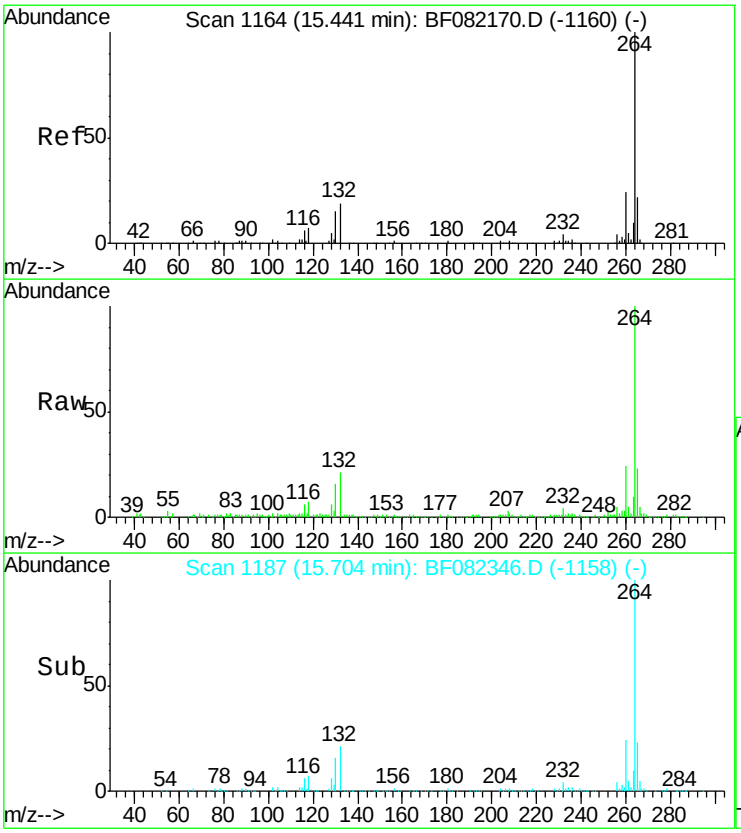
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.21 ng
RT: 17.21 min Scan# 1319
Delta R.T. 0.03 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:276 Resp: 196628

Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.7	29.5
277	23.7	20.1	30.1

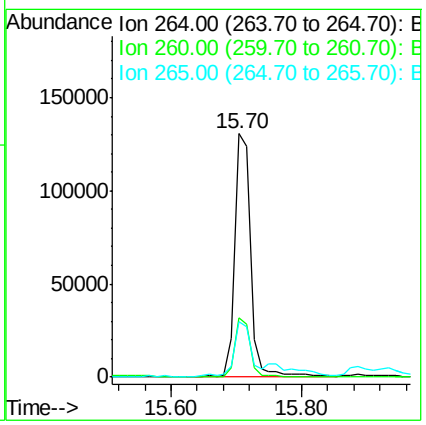


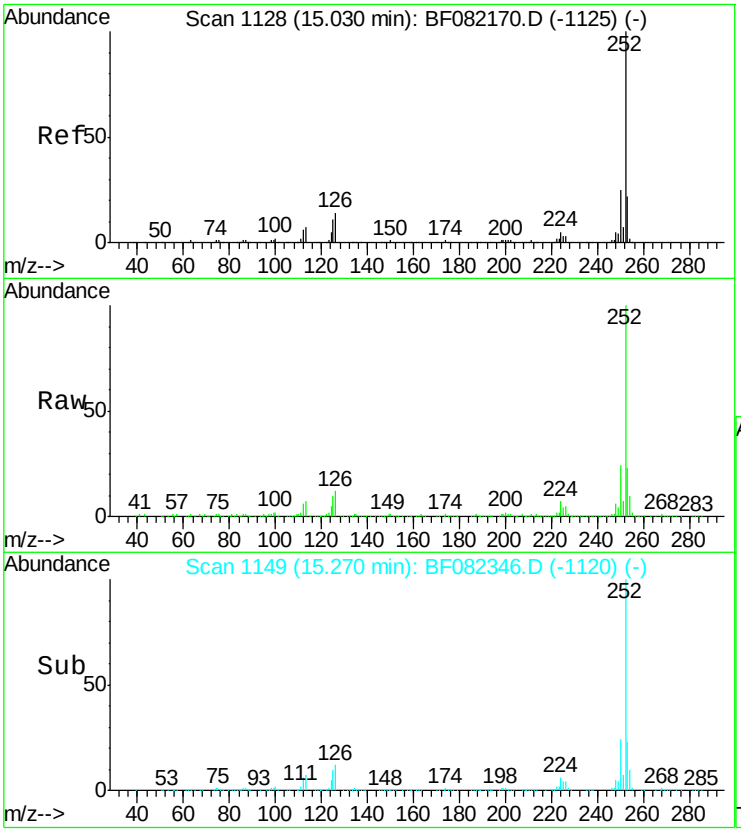


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1187
Delta R.T. 0.03 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:264 Resp: 217543

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	23.0	17.3	25.9



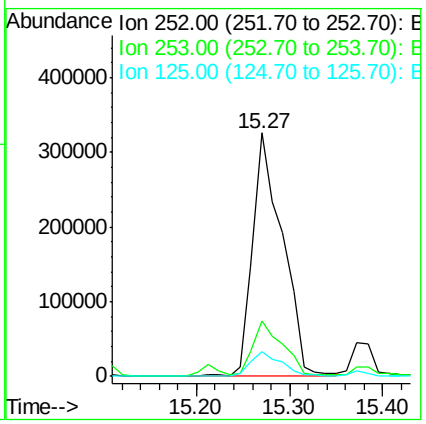


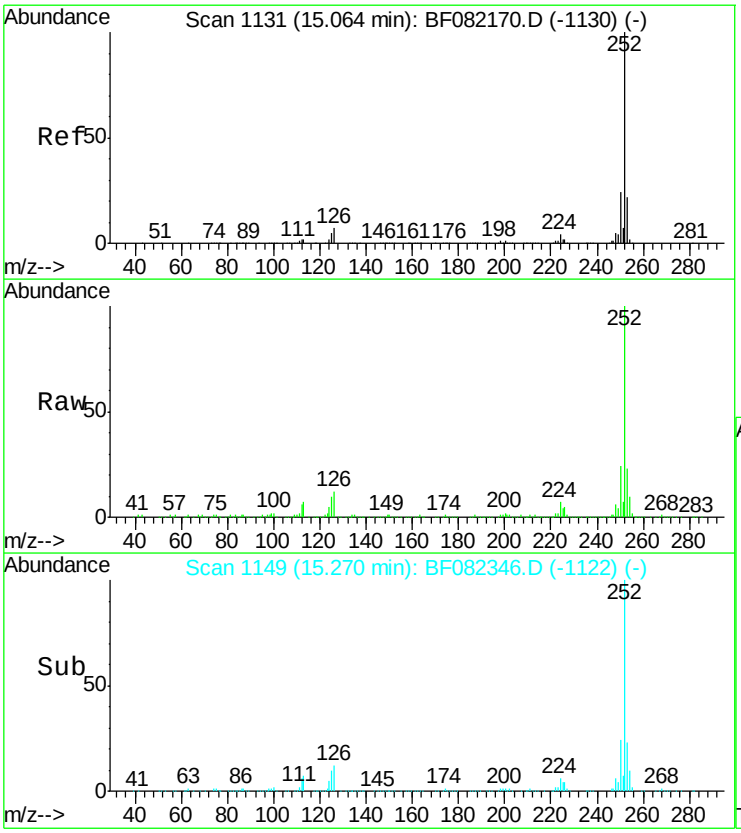
#87
Benzo(b)fluoranthene
Concen: 54.42 ng
RT: 15.27 min Scan# 1149
Delta R.T. 0.03 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:252 Resp: 720304

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.0	8.6	12.8

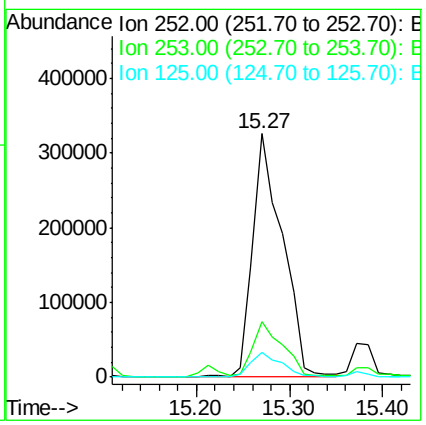


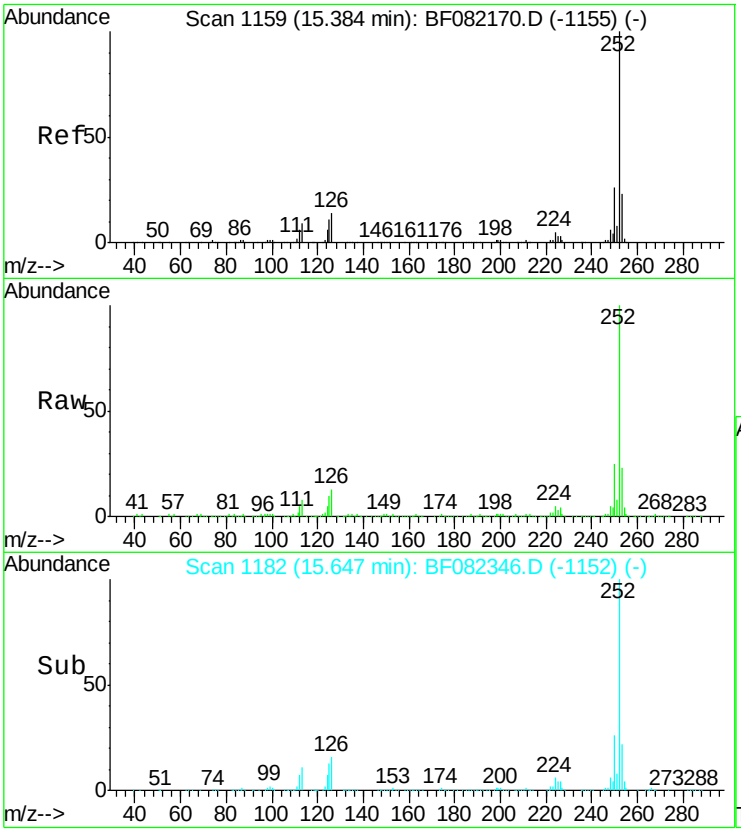


#88
Benzo(k)fluoranthene
Concen: 64.75 ng
RT: 15.27 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:252 Resp: 720304

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.0	6.7	10.1



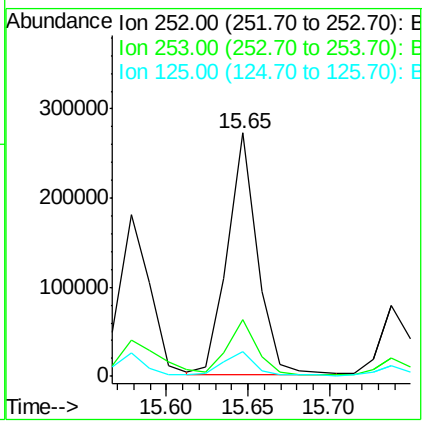


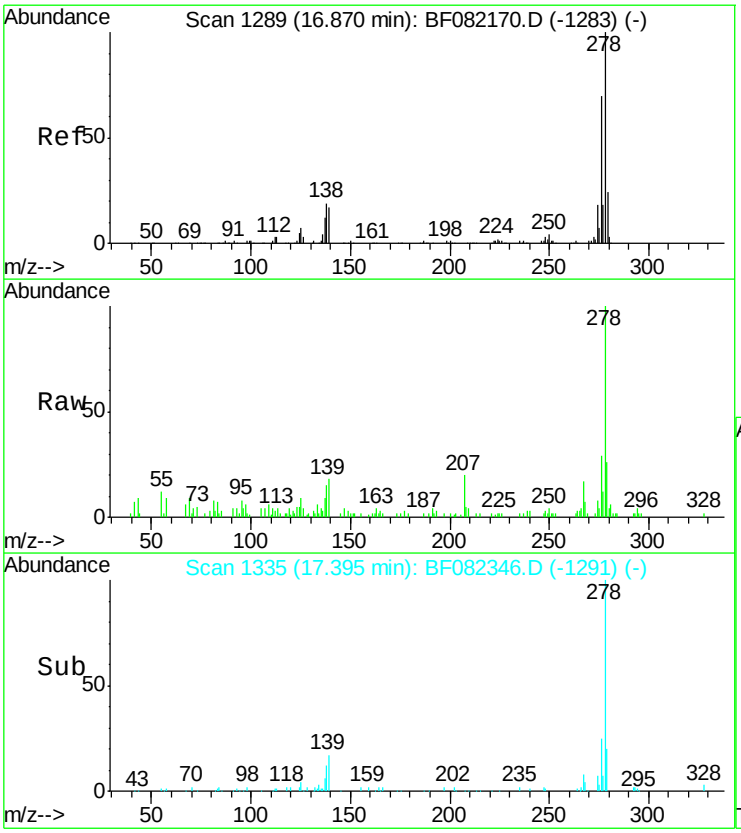
#89
Benzo(a)pyrene
Concen: 30.35 ng
RT: 15.65 min Scan# 1182
Delta R.T. 0.05 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:252 Resp: 345180

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	10.0	8.9	13.3

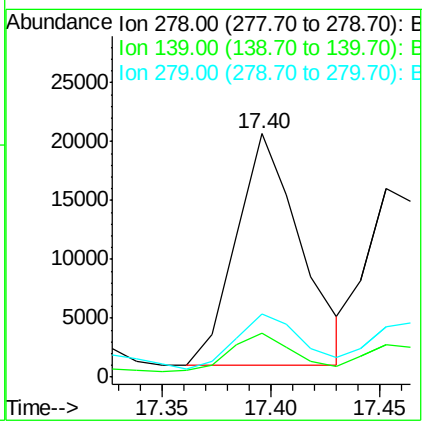


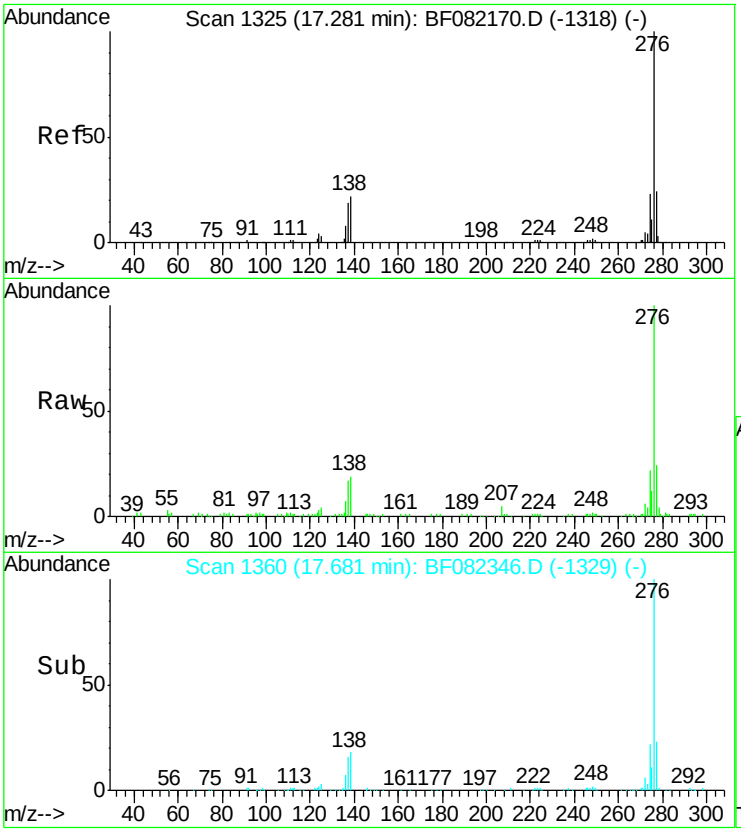


#90
Dibenzo(a,h)anthracene
Concen: 4.38 ng
RT: 17.40 min Scan# 1335
Delta R.T. 0.21 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Tgt Ion:278 Resp: 40830

Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.3	19.9
279	25.9	18.9	28.3





#91
Benzo(g,h,i)perylene
Concen: 19.08 ng
RT: 17.68 min Scan# 1360
Delta R.T. 0.06 min
Lab File: BF082346.D
Acq: 17 Oct 2015 2:02

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:276 Resp: 172798

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	18.6	17.4	26.2