Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101915\
Data File : BF082386.D
Acq On : 20 Oct 2015 6:56
Operator : UM/IZ
Sample : G4046-01DL 50X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOODLUCK902DL

Quant Time: Oct 20 07:47:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	93624	20.00	ng		-0.03
21) Naphthalene-d8	8.09	136	383235	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	190593	20.00	ng		-0.03
63) Phenanthrene-d10	11.35	188	328926	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	250015	20.00	ng		0.00
86) Perylene-d12	15.52	264	231804	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	6108	1.32	ng		-0.02
7) Phenol-d6	6.45	99	9502	1.57	ng		-0.03
23) Nitrobenzene-d5	7.37	82	4488	0.79	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	2553	1.43	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	18878	1.64	ng		-0.05
78) Terphenyl-d14	12.93	244	18814	1.99	ng		-0.03
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.85	165	23984	8.47	ng	#	33
54) Dibenzofuran	10.06	168	47793	3.25	ng		93
55) 4-Nitrophenol	9.99	139	989	Below Cal		#	36
56) 2,4-Dinitrotoluene	9.85	165	23984	6.78	ng	#	24
57) Fluorene	10.40	166	162545	13.47	ng		99
70) Phenanthrene	11.38	178	2555297	158.49	ng		98
71) Anthracene	11.43	178	1175473	70.75	ng		99
72) Carbazole	11.58	167	413985	27.32	ng		99
74) Fluoranthene	12.57	202	2293938	132.47	ng		95
77) Pyrene	12.80	202	1563483	105.38	ng		99
80) Benzo(a)anthracene	14.00	228	436901	33.59	ng		98
82) Chrysene	14.05	228	395560	28.86	ng		99
85) Indeno(1,2,3-cd)pyrene	16.94	276	28570	2.62	ng		96
87) Benzo(b)fluoranthene	15.10	252	309200	21.92	ng		99
88) Benzo(k)fluoranthene	15.10	252	309200	26.08	ng	#	98
89) Benzo(a)pyrene	15.45	252	74012	6.11	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101915\
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Operator : UM/IZ
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
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GOODLUCK902DL

Quant Time: Oct 20 07:47:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
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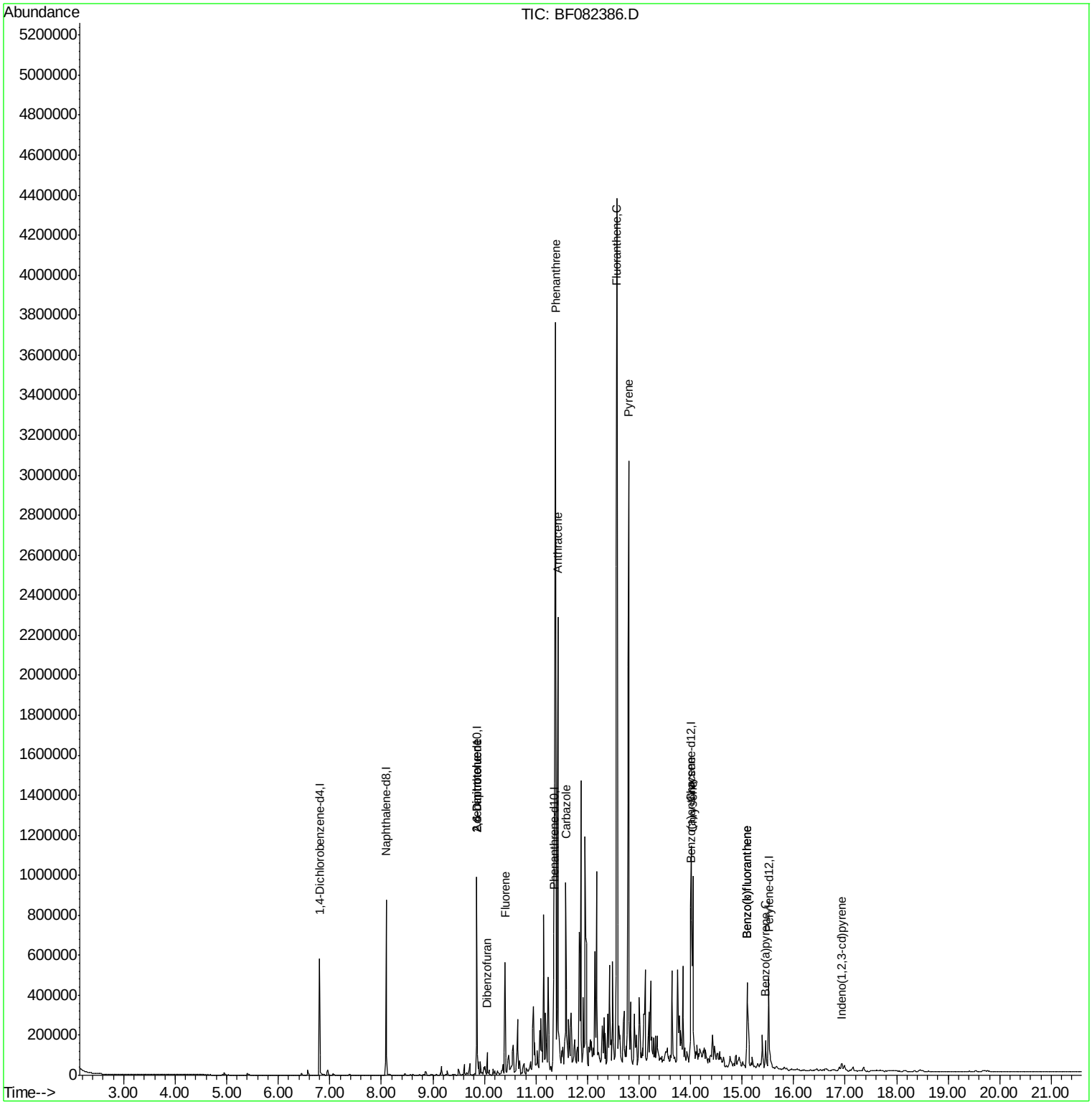
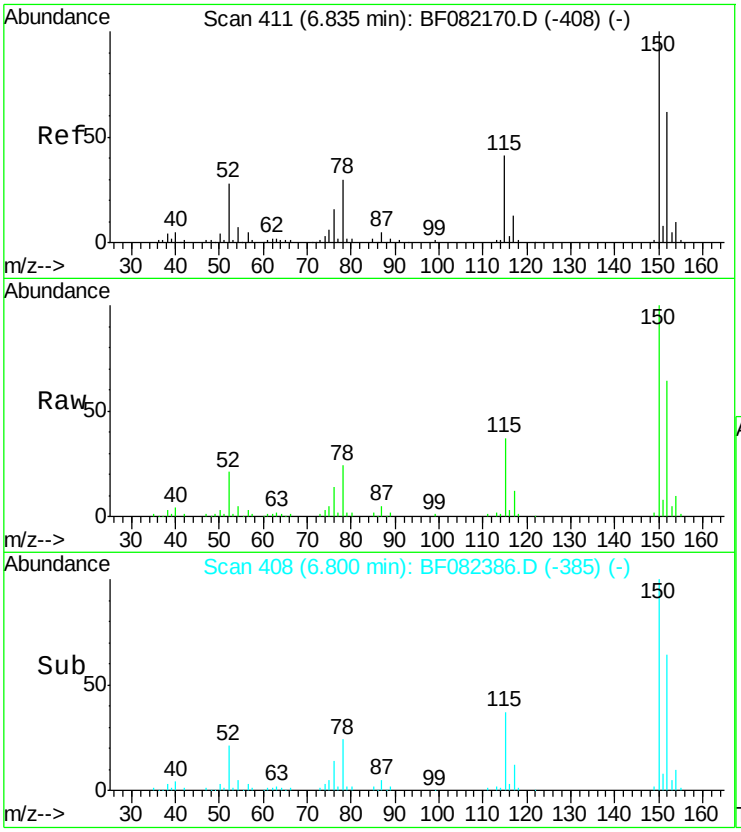


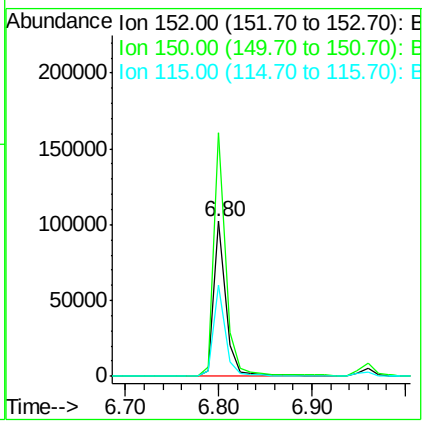


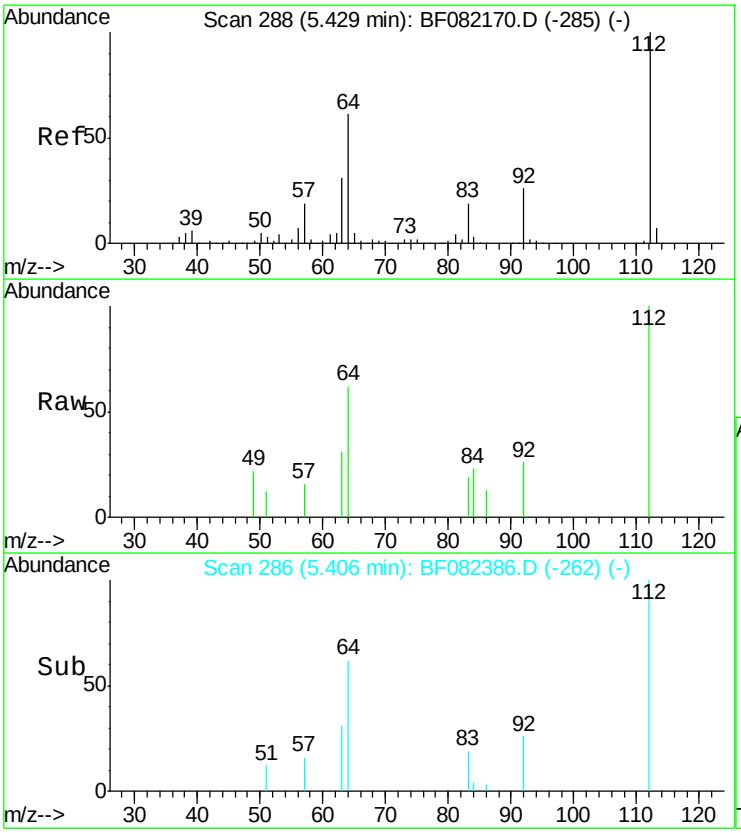
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion:152 Resp: 93624

Ion	Ratio	Lower	Upper
152	100		
150	157.3	129.0	193.4
115	58.7	52.1	78.1

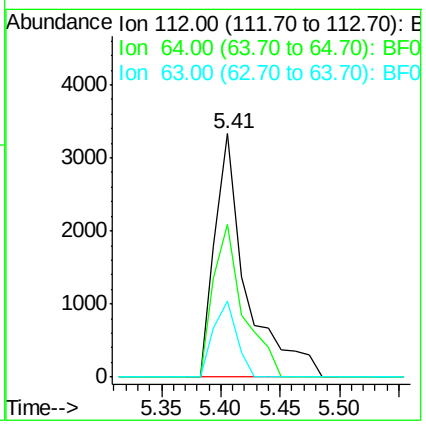


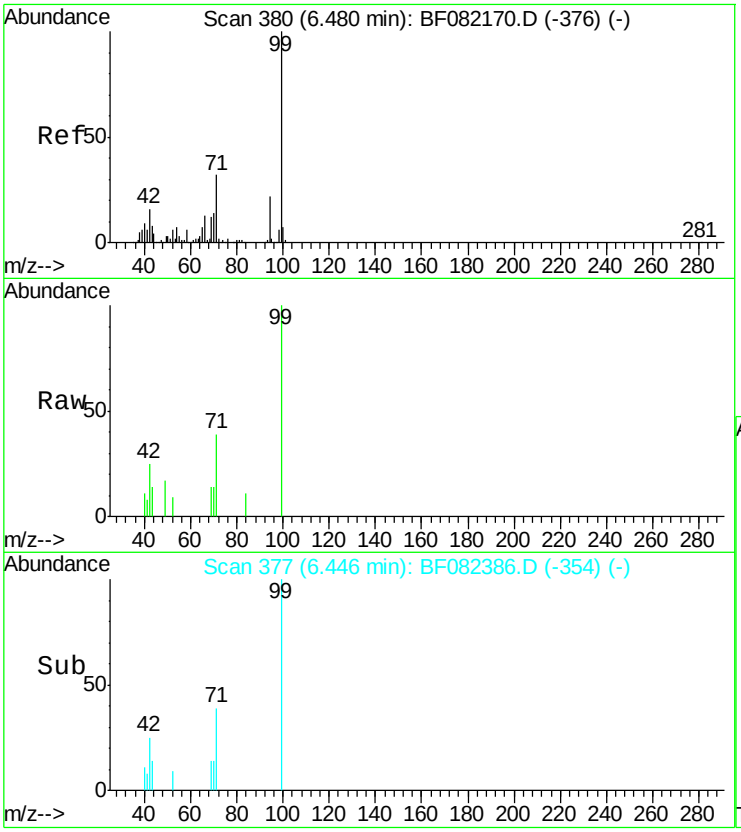


#5
2-Fluorophenol
Concen: 1.32 ng
RT: 5.41 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:112 Resp: 6108

Ion	Ratio	Lower	Upper
112	100		
64	62.5	48.6	73.0
63	31.1	25.1	37.7



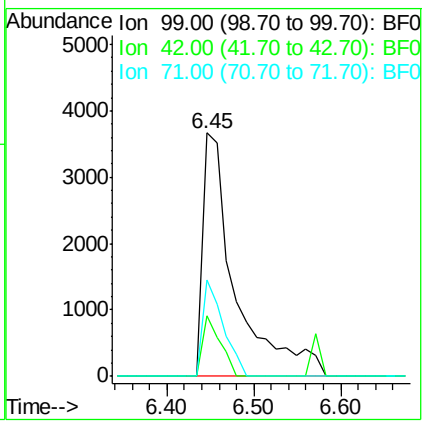


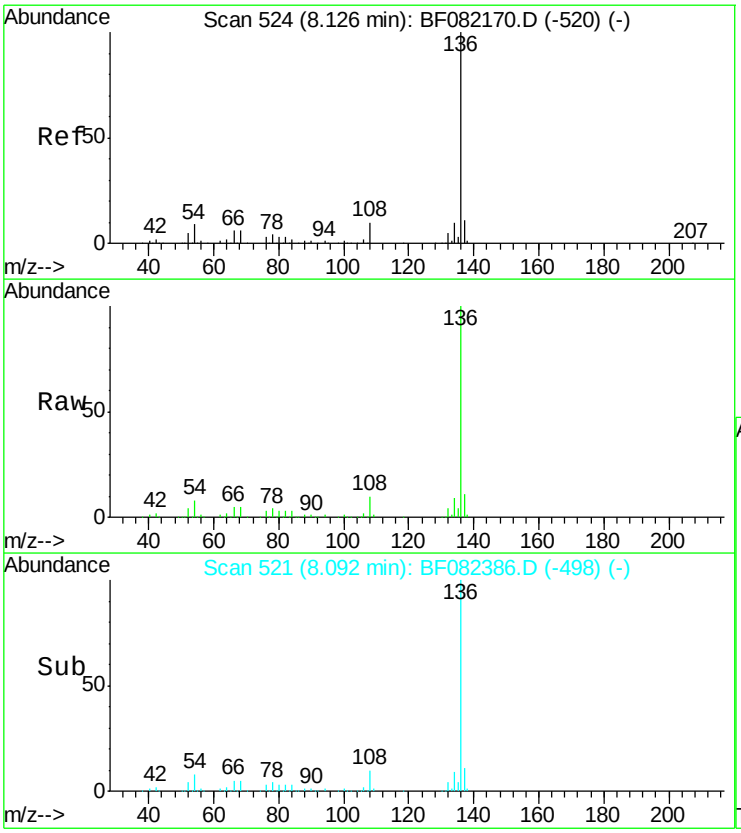
#7
Phenol-d6
Concen: 1.57 ng
RT: 6.45 min Scan# 377
Delta R.T. -0.03 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion: 99 Resp: 9502

Ion	Ratio	Lower	Upper
99	100		
42	24.8	13.2	19.8#
71	39.4	25.6	38.4#

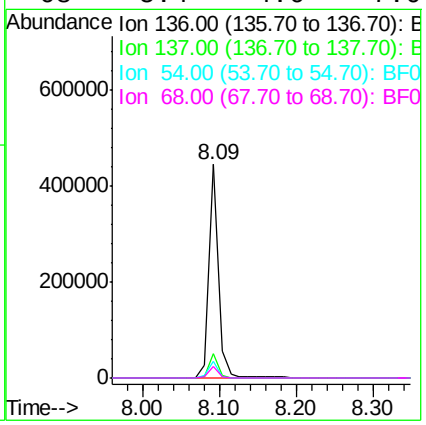


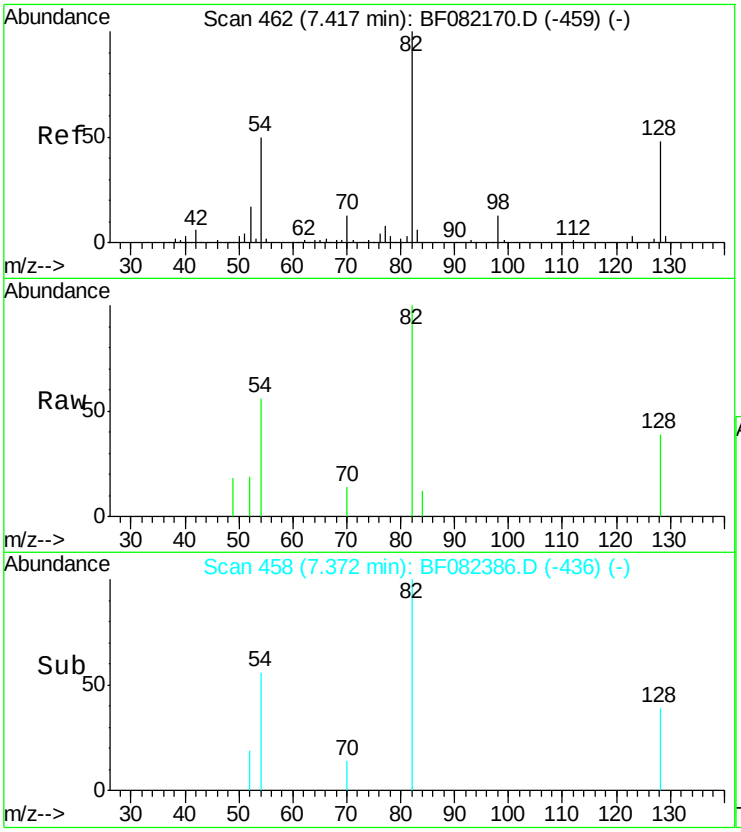


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. -0.03 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:136 Resp: 383235

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.0	7.5	11.3
68	5.4	4.6	7.0



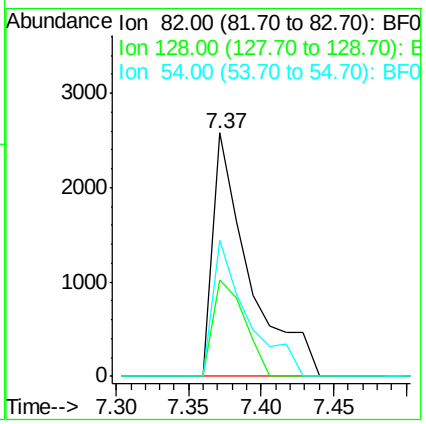


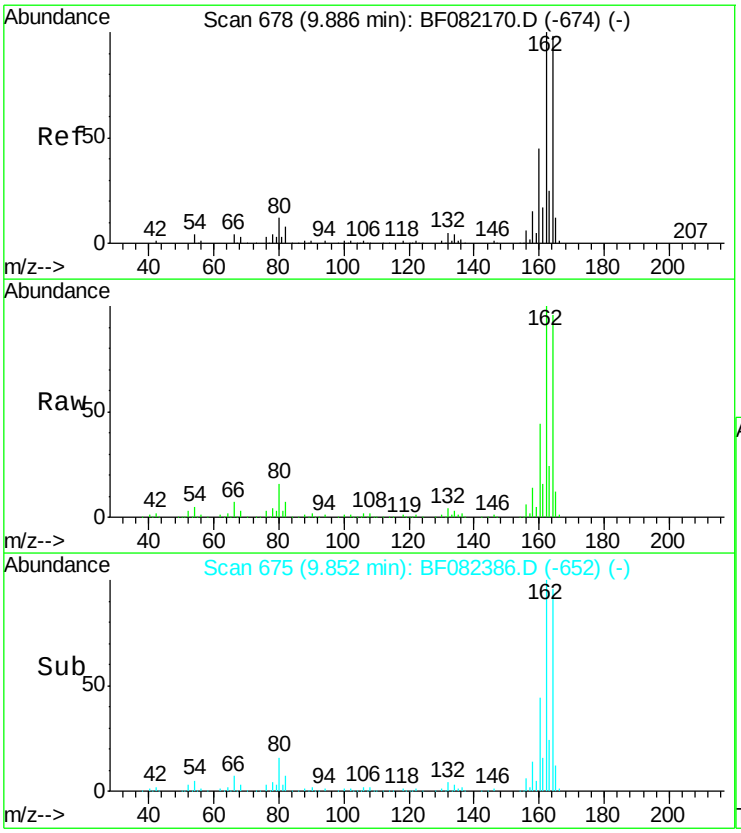
#23
Nitrobenzene-d5
Concen: 0.79 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion: 82 Resp: 4488

Ion	Ratio	Lower	Upper
82	100		
128	39.5	38.7	58.1
54	56.0	40.1	60.1

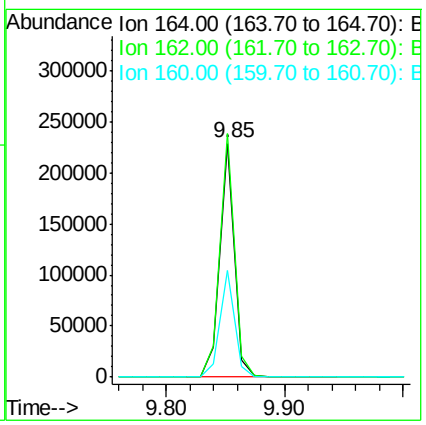


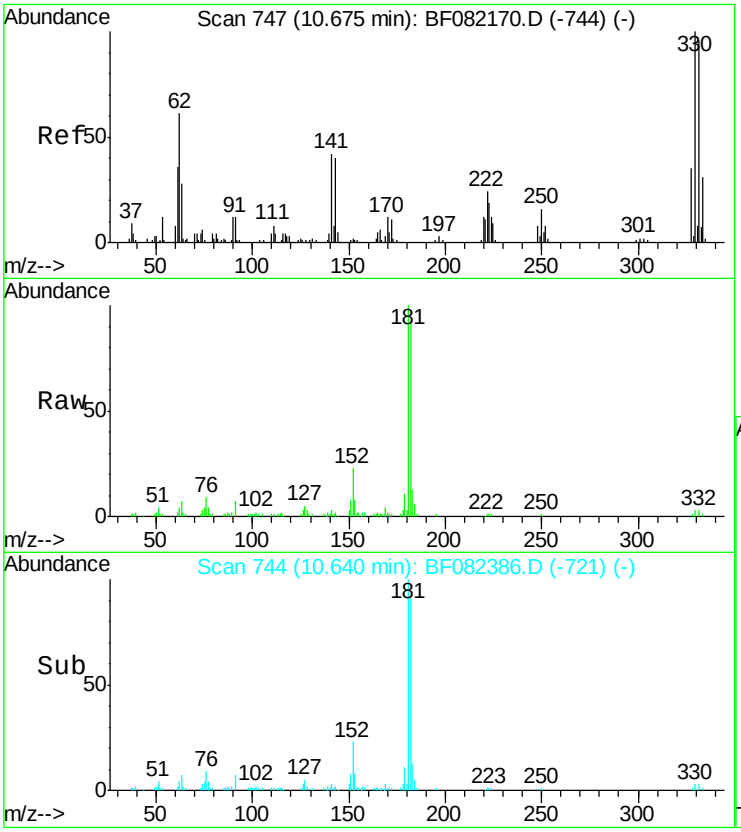


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:164 Resp: 190593

Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.6	122.4
160	45.6	36.4	54.6



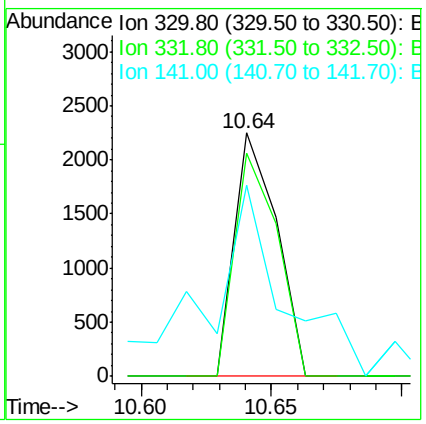


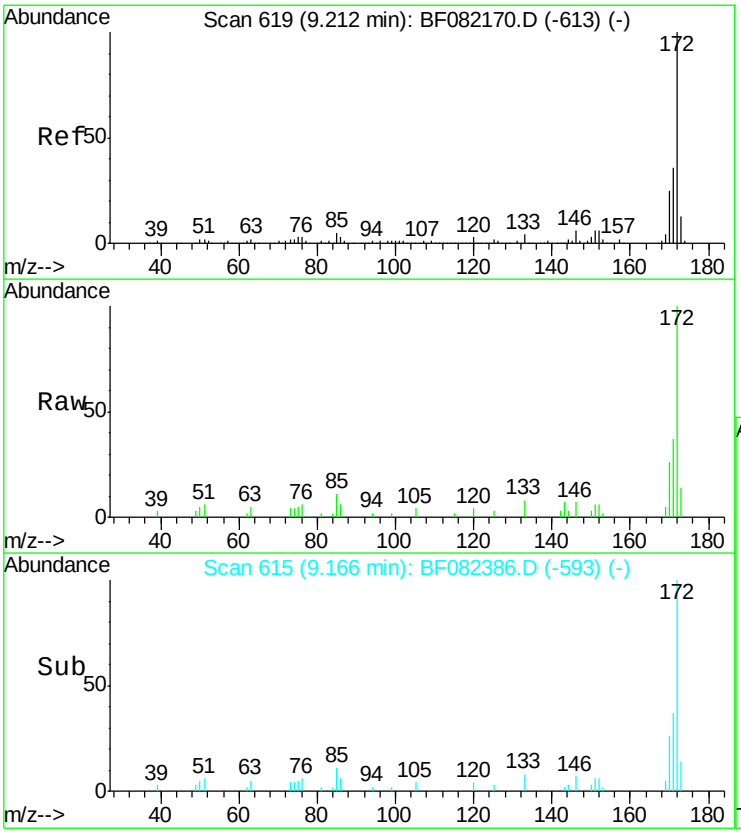
#41
2,4,6-Tribromophenol
Concen: 1.43 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion:330 Resp: 2553

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.1	115.7
141	150.8	29.8	44.8#

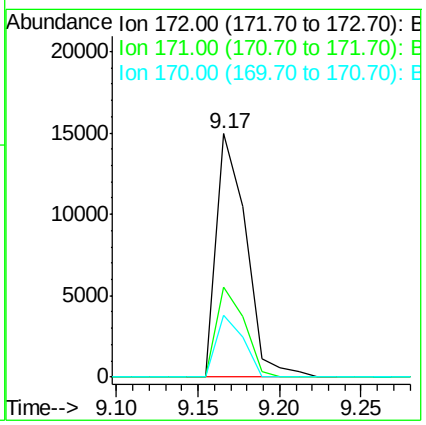


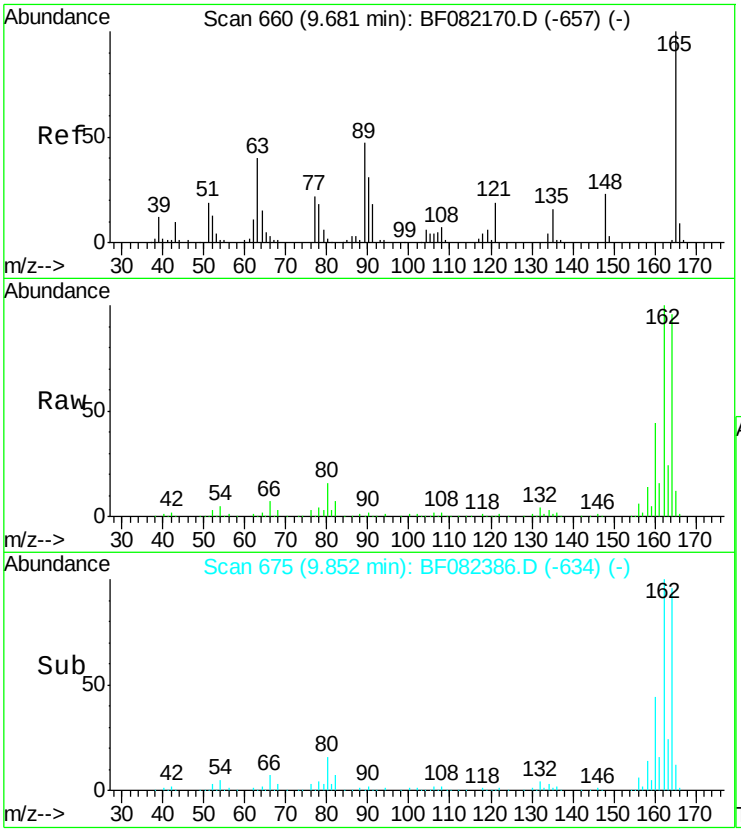


#44
2-Fluorobiphenyl
Concen: 1.64 ng
RT: 9.17 min Scan# 615
Delta R.T. -0.05 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:172 Resp: 18878

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	25.6	19.7	29.5



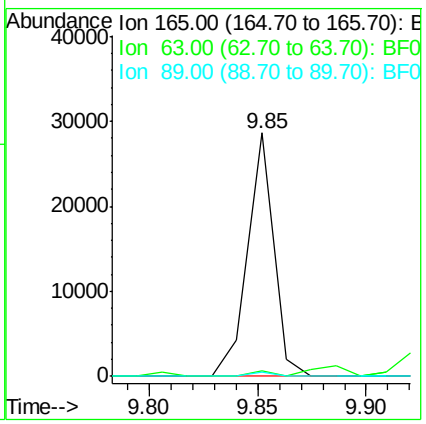


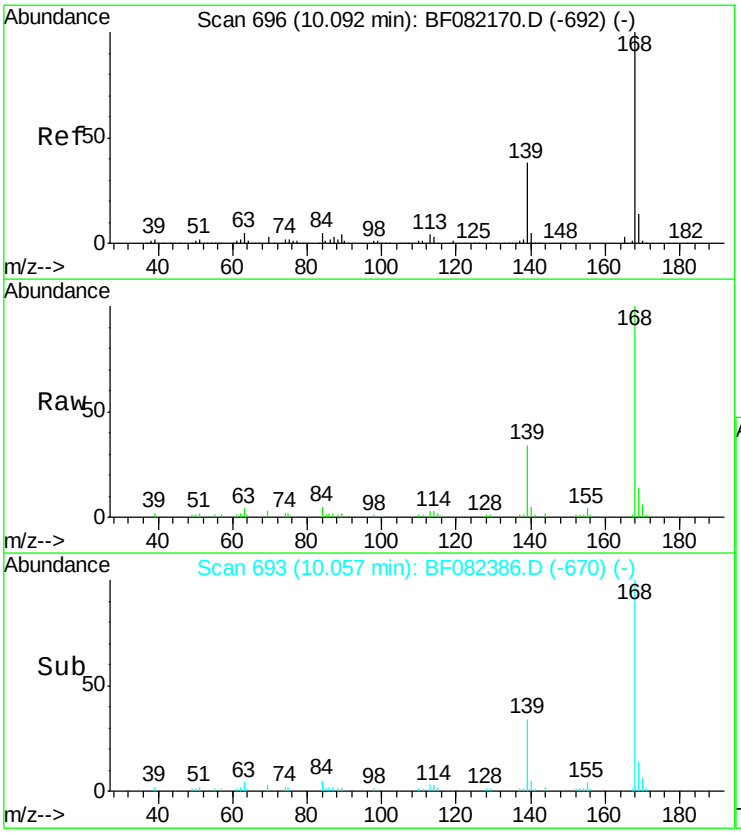
#50
2,6-Dinitrotoluene
Concen: 8.47 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.17 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion:165 Resp: 23984

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.7	55.1#
89	1.5	37.8	56.6#

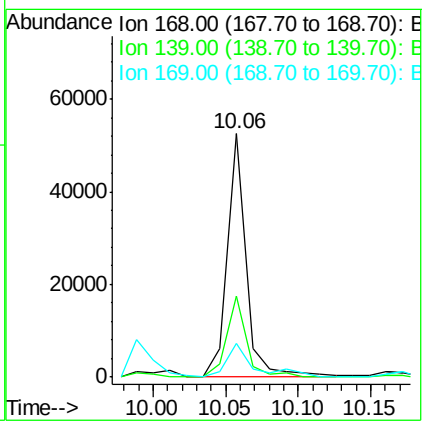


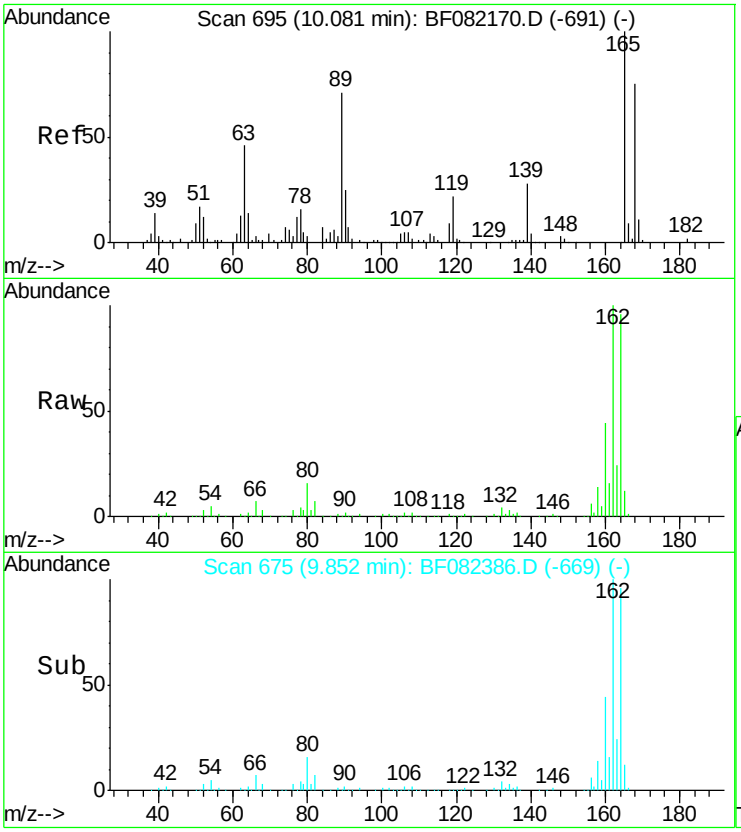


#54
Dibenzofuran
Concen: 3.25 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:168 Resp: 47793

Ion	Ratio	Lower	Upper
168	100		
139	33.5	31.0	46.6
169	14.0	10.9	16.3



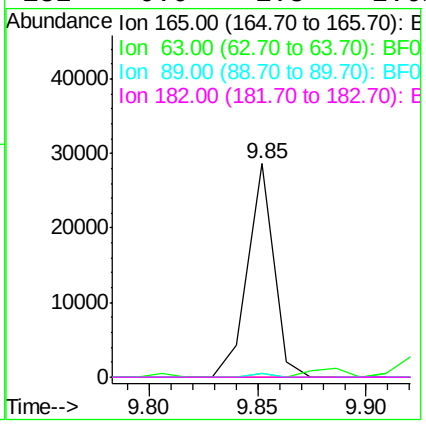


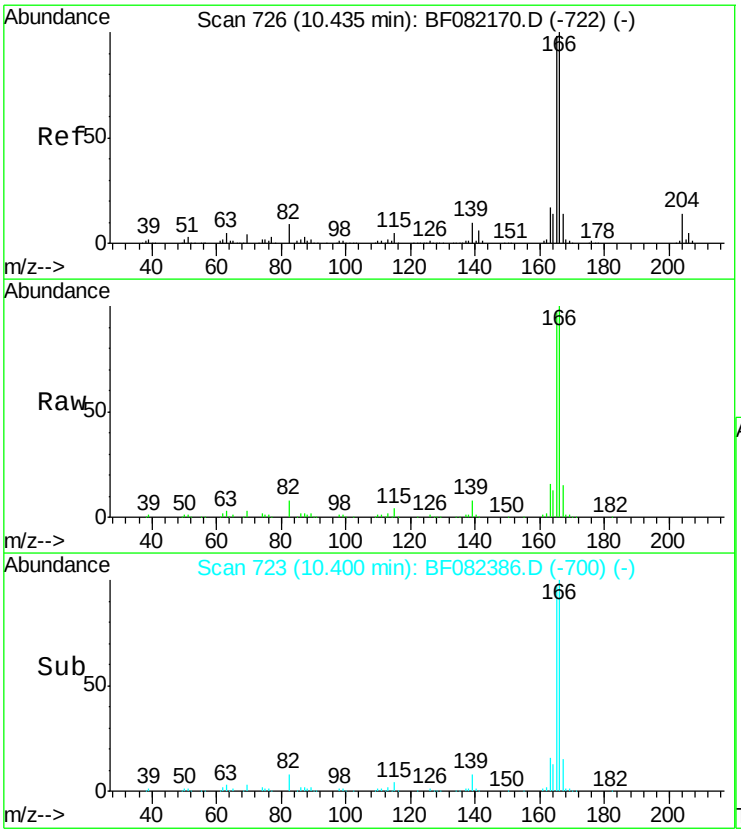
#56
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.23 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion:165 Resp: 23984

Ion	Ratio	Lower	Upper
165	100		
63	2.1	38.6	58.0#
89	1.5	57.0	85.6#
182	0.0	1.8	2.6#

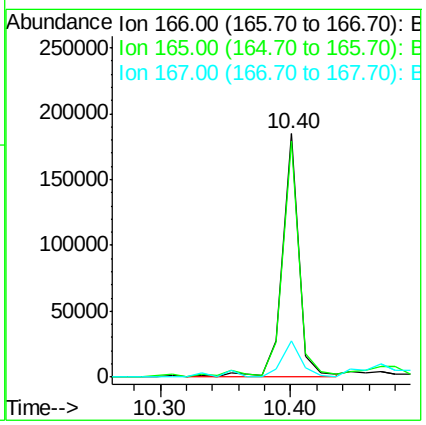


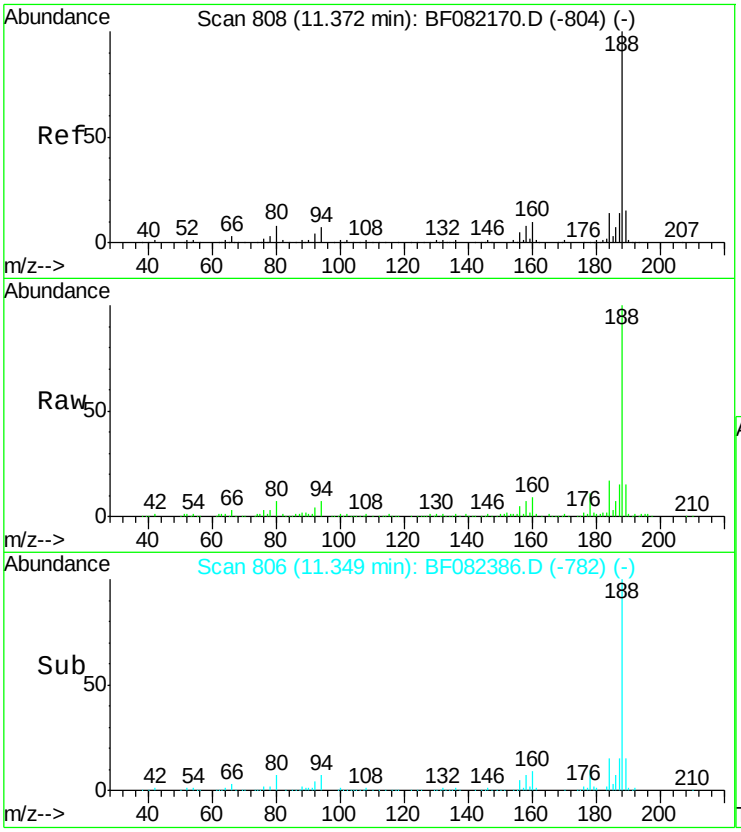


#57
Fluorene
Concen: 13.47 ng
RT: 10.40 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:166 Resp: 162545

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.3	117.5
167	14.7	10.8	16.2



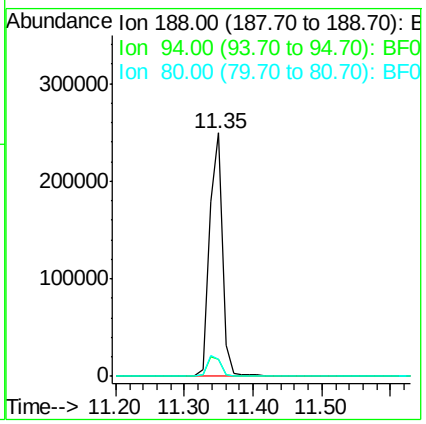


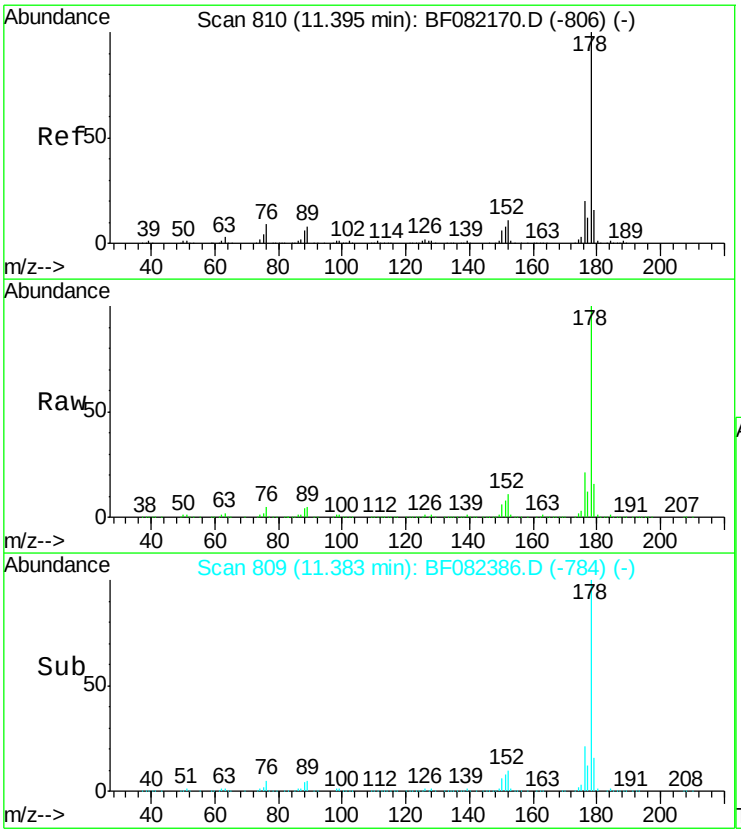
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion:188 Resp: 328926

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.6
80	7.2	6.4	9.6

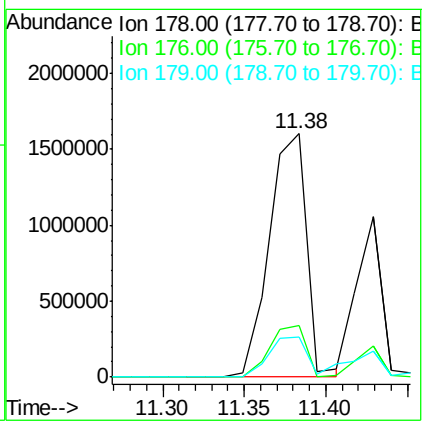


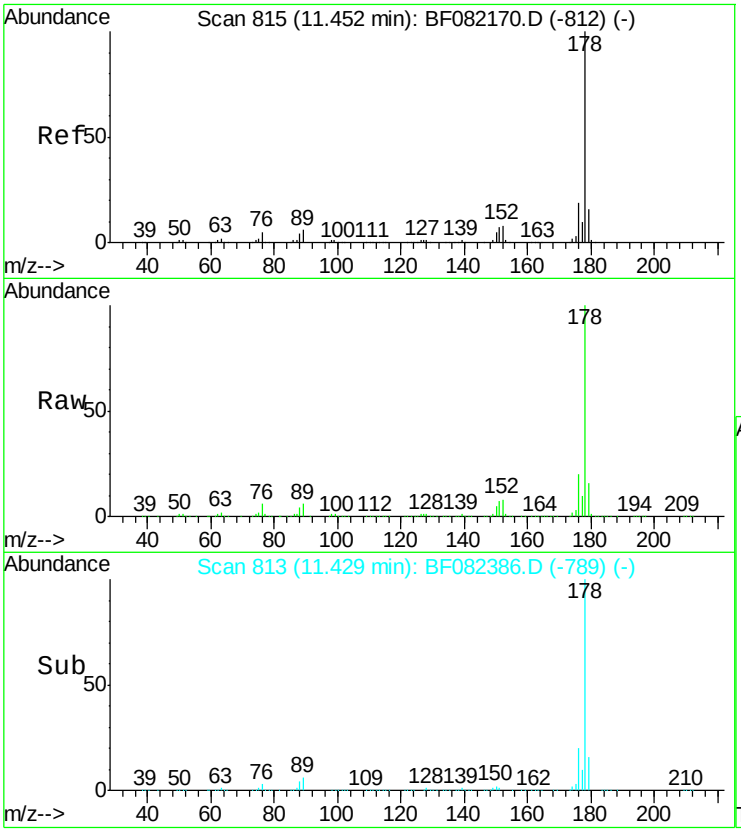


#70
Phenanthrene
Concen: 158.49 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:178 Resp: 2555297

Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.0	24.0
179	16.4	12.6	19.0



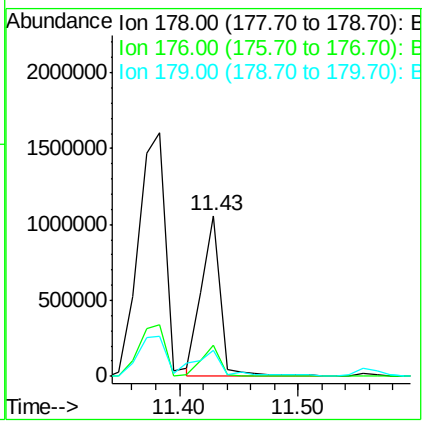


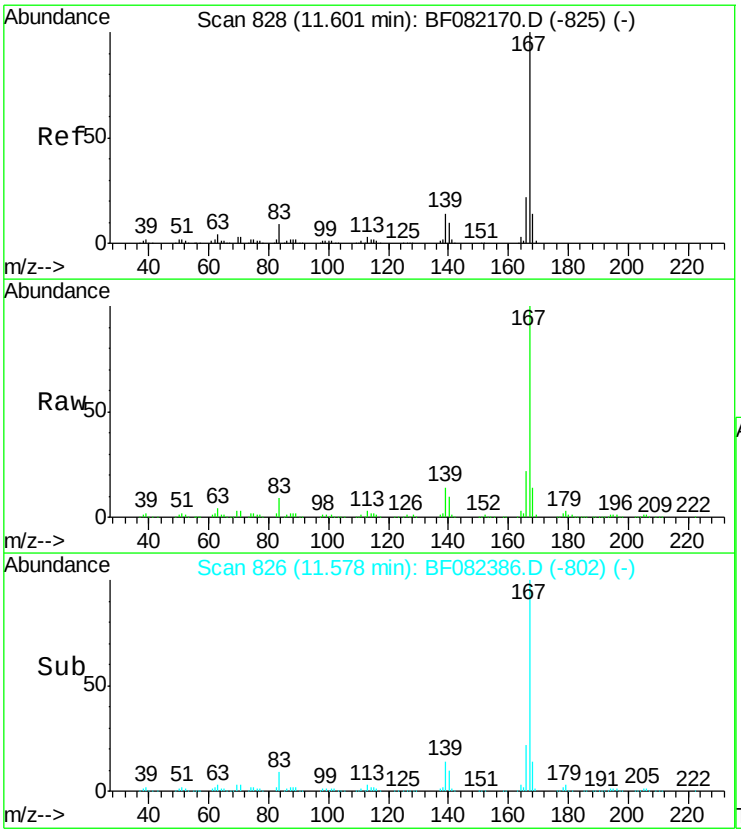
#71
Anthracene
Concen: 70.75 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion:178 Resp: 1175473

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.0	12.5	18.7

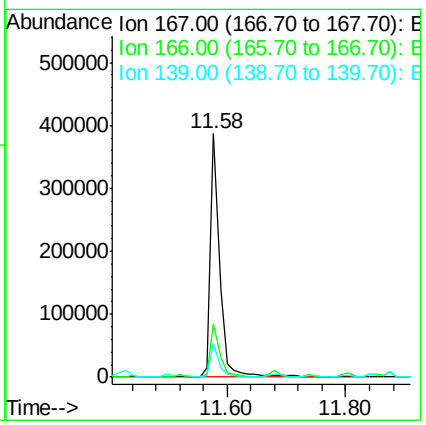


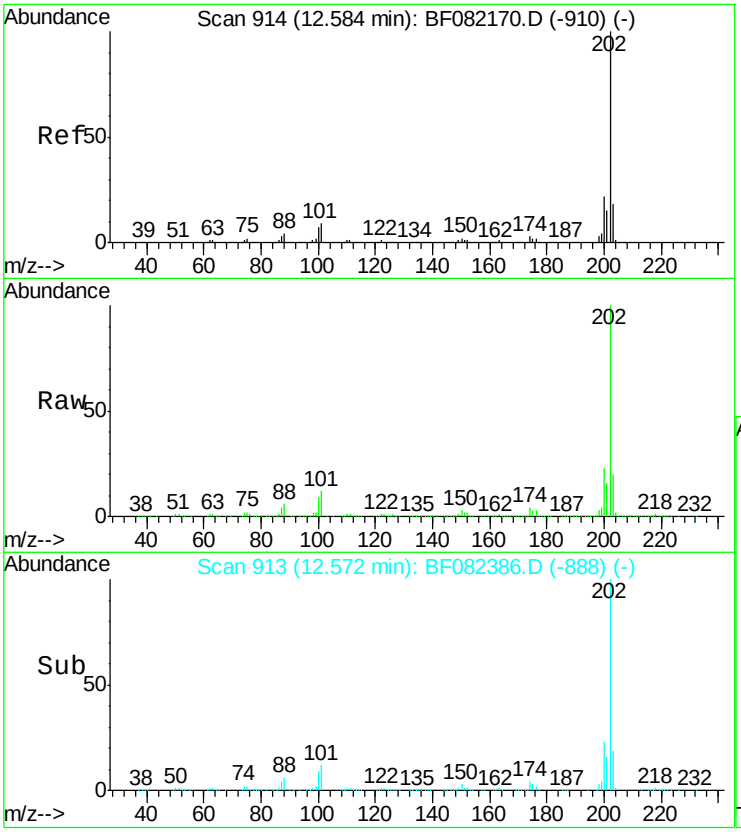


#72
Carbazole
Concen: 27.32 ng
RT: 11.58 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:167 Resp: 413985

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.7	11.2	16.8



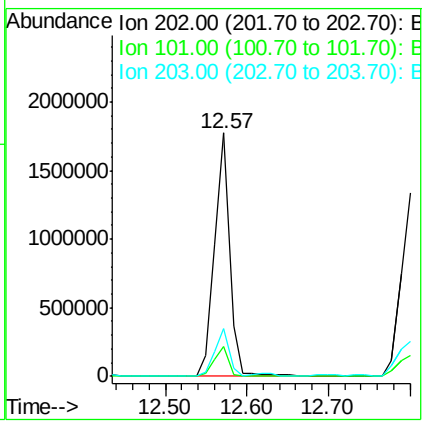


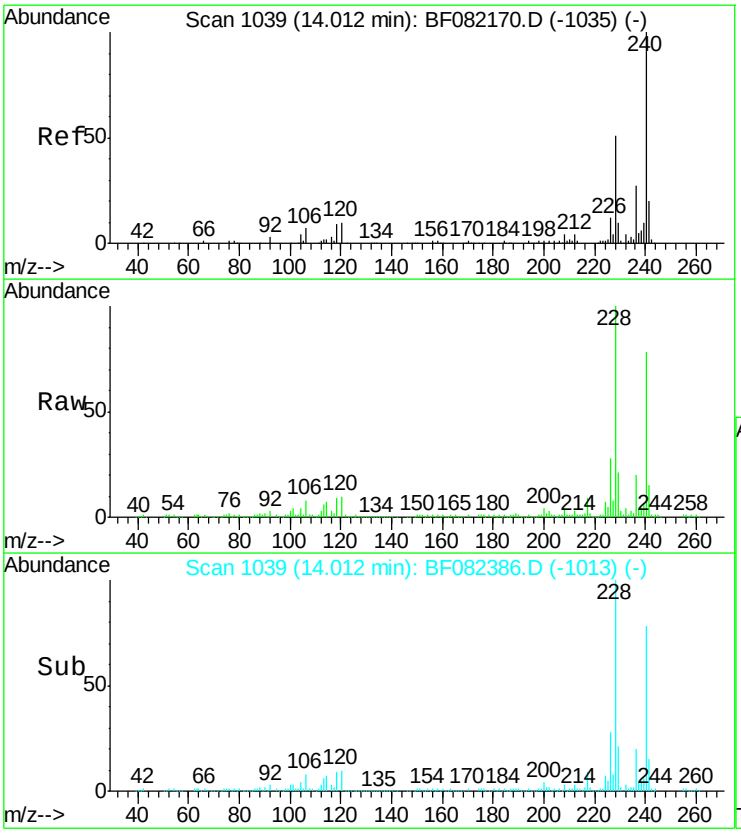
#74
Fluoranthene
Concen: 132.47 ng
RT: 12.57 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion:202 Resp: 2293938

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	29.3
203	19.5	0.0	37.8

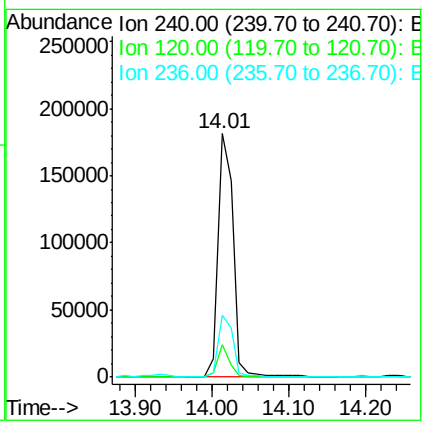


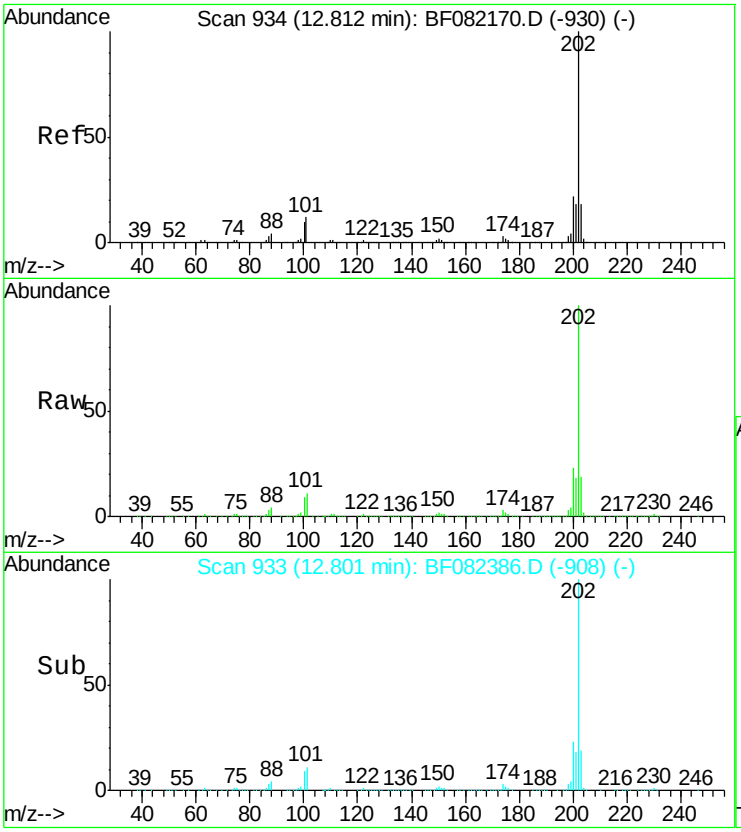


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:240 Resp: 250015

Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.1	12.1#
236	25.5	21.3	31.9



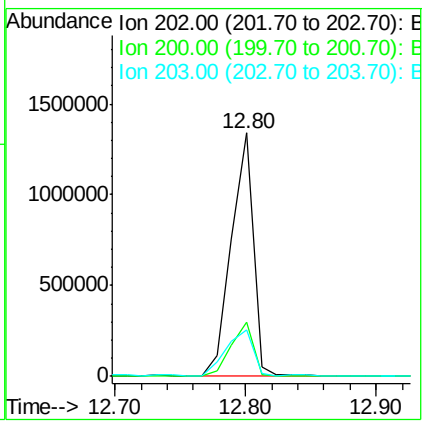


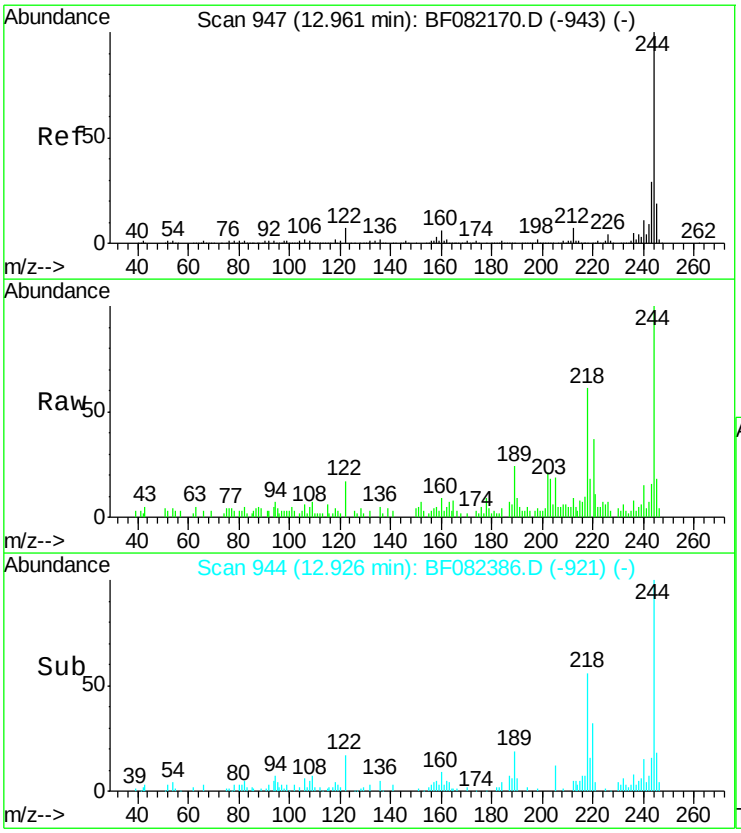
#77
Pyrene
Concen: 105.38 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion:202 Resp: 1563483

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.9	26.9
203	19.0	14.5	21.7

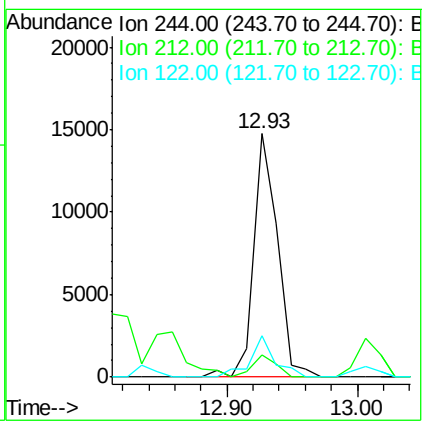


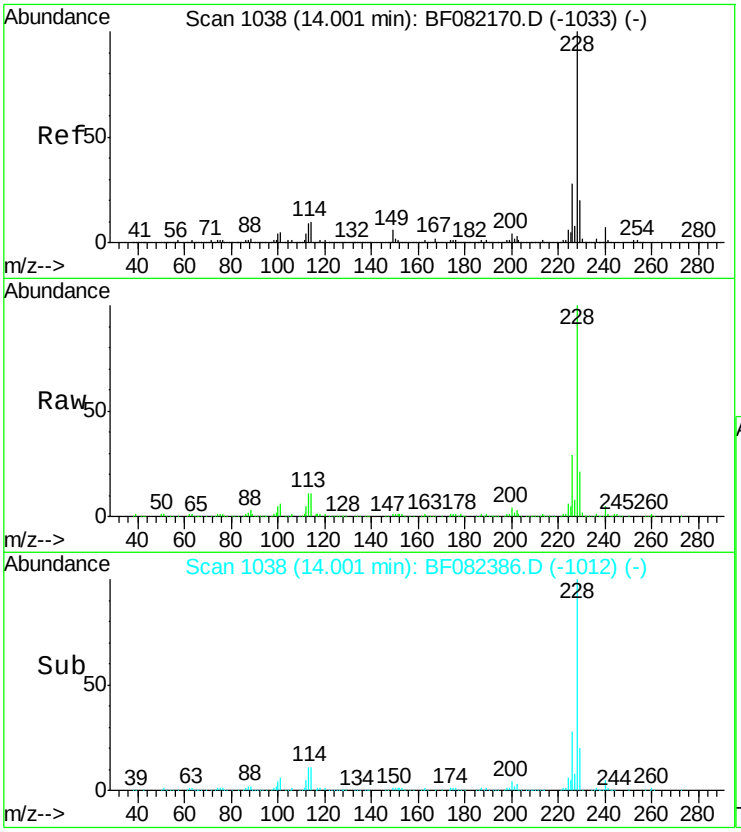


#78
Terphenyl-d14
Concen: 1.99 ng
RT: 12.93 min Scan# 944
Delta R.T. -0.03 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:244 Resp: 18814

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.6#
122	17.0	5.9	8.9#



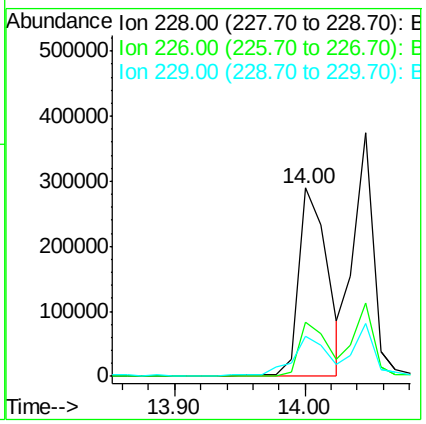


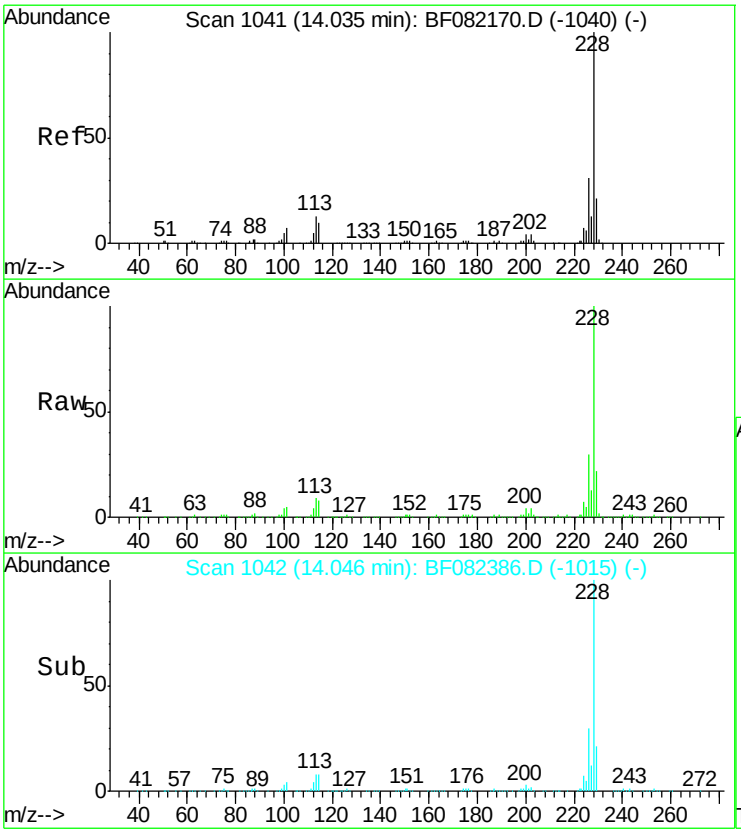
#80
Benzo(a)anthracene
Concen: 33.59 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion:228 Resp: 436901

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	21.1	16.2	24.2

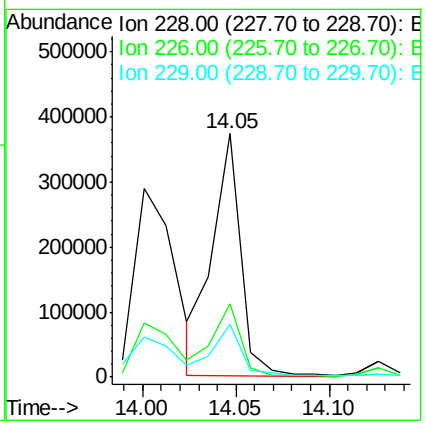


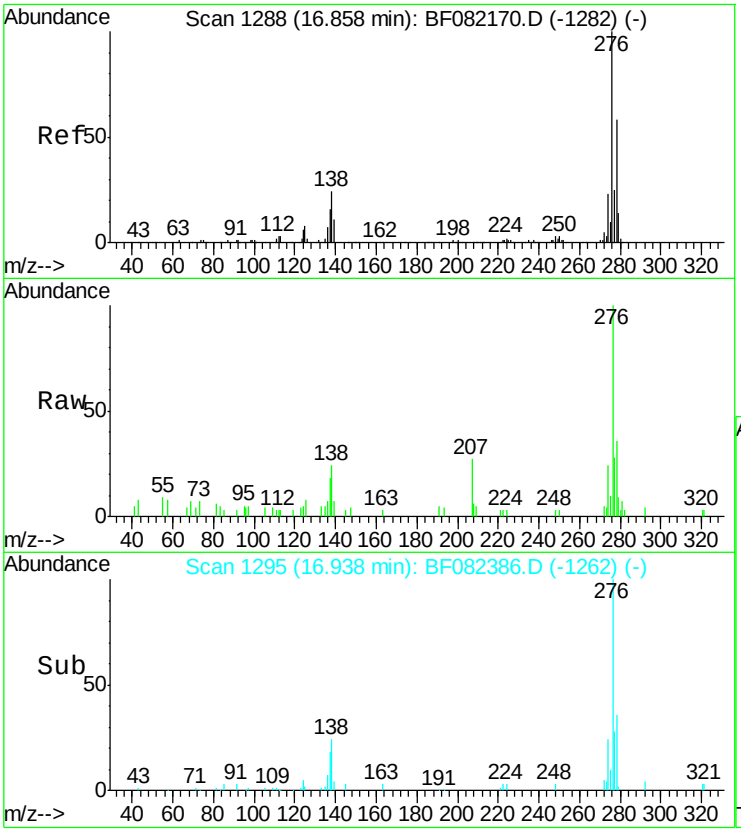


#82
Chrysene
Concen: 28.86 ng
RT: 14.05 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:228 Resp: 395560

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	21.7	16.3	24.5



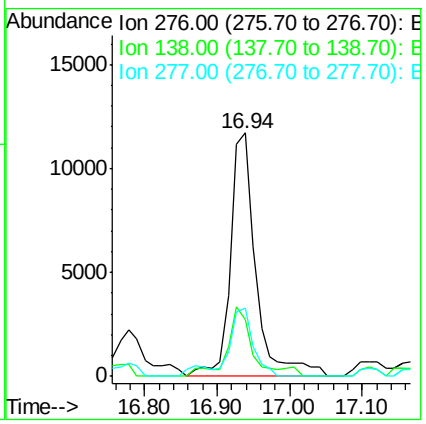


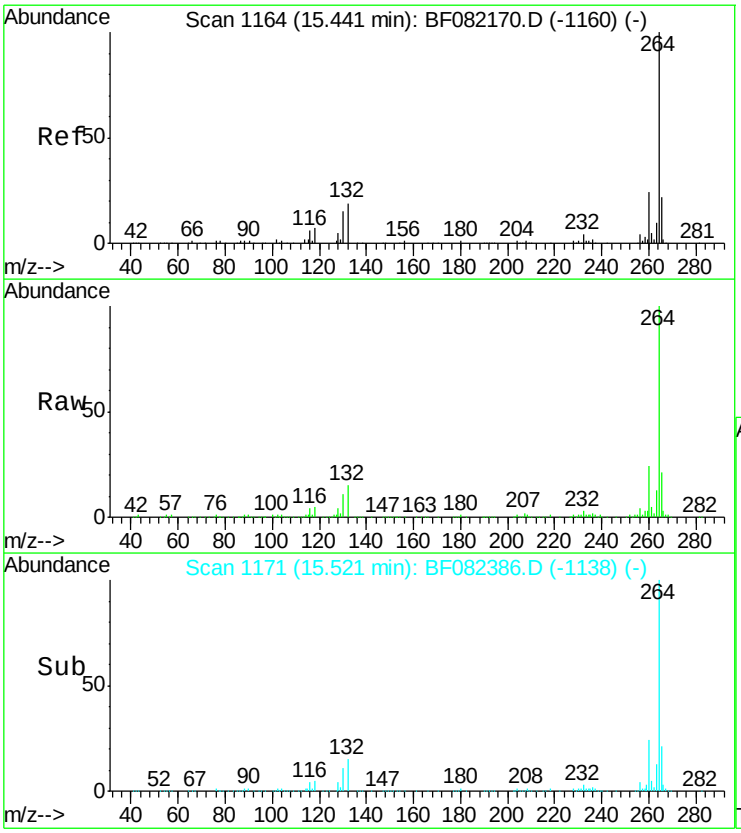
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.62 ng
RT: 16.94 min Scan# 1295
Delta R.T. 0.08 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion:276 Resp: 28570

Ion	Ratio	Lower	Upper
276	100		
138	28.7	19.7	29.5
277	24.9	20.1	30.1

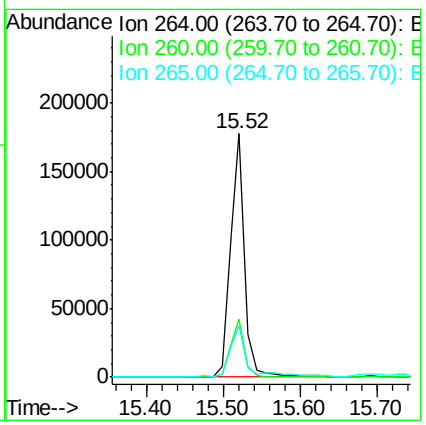


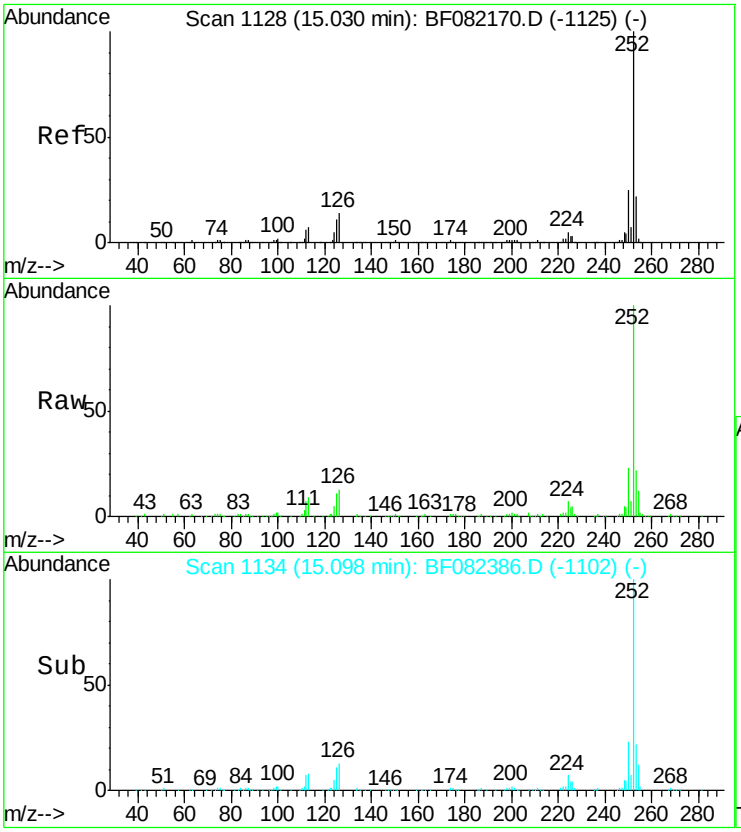


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.08 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:264 Resp: 231804

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.1	17.3	25.9



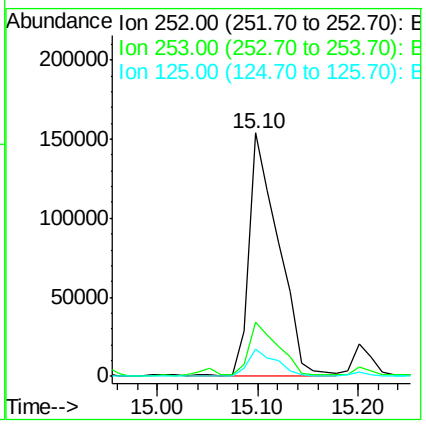


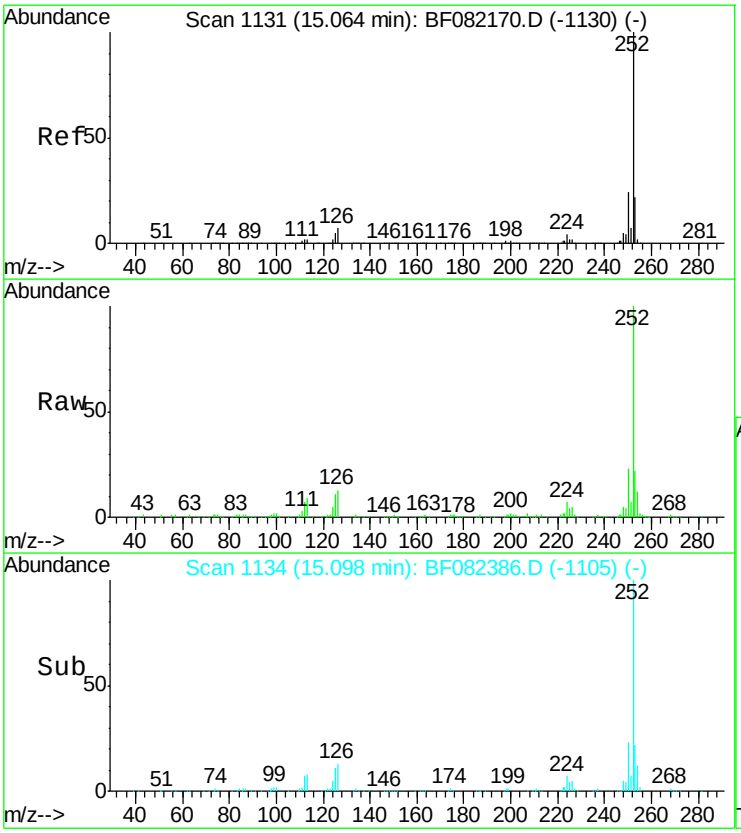
#87
Benzo(b)fluoranthene
Concen: 21.92 ng
RT: 15.10 min Scan# 1134
Delta R.T. 0.07 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion:252 Resp: 309200

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.0	8.6	12.8

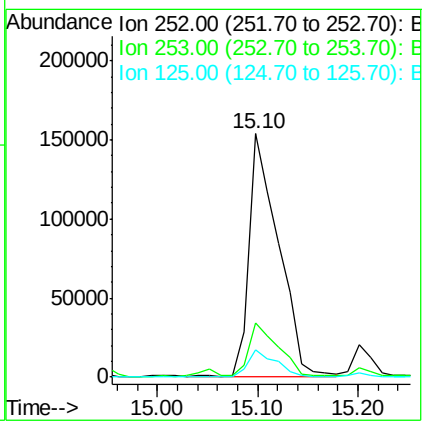


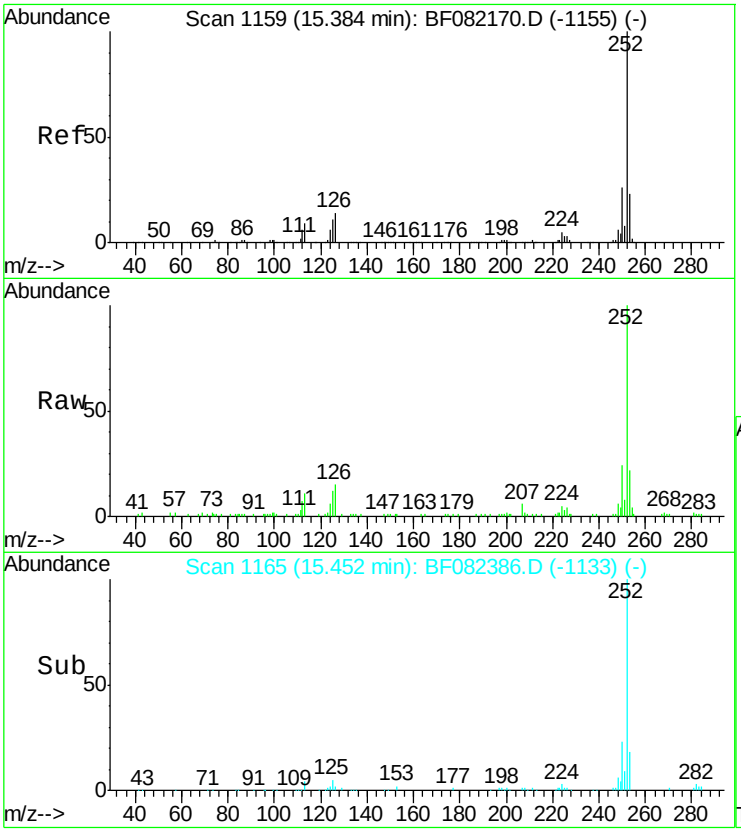


#88
Benzo(k)fluoranthene
Concen: 26.08 ng
RT: 15.10 min Scan# 1134
Delta R.T. 0.03 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Tgt Ion:252 Resp: 309200

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.0	6.7	10.1#





#89
Benzo(a)pyrene
Concen: 6.11 ng
RT: 15.45 min Scan# 1165
Delta R.T. 0.07 min
Lab File: BF082386.D
Acq: 20 Oct 2015 6:56

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902DL

Tgt Ion:252 Resp: 74012

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.4	8.9	13.3