Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF110315\
Data File : BF082656.D
Acq On : 3 Nov 2015 11:34
Operator : UM/IZ
Sample : G4234-03DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DS-2DL

Quant Time: Nov 03 12:29:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	185436	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	737687	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	374348	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	711654	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	619869	20.00	ng		0.00
86) Perylene-d12	15.53	264	489394	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	294290	23.90	ng		0.00
7) Phenol-d6	6.50	99	563095	34.43	ng		-0.01
23) Nitrobenzene-d5	7.44	82	380353	21.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	89657	21.88	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	546696	20.73	ng		-0.01
78) Terphenyl-d14	12.99	244	507510	17.92	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	50688	4.09	ng	#	70
31) Naphthalene	8.19	128	2243849	56.21	ng		98
33) 4-Chloroaniline	8.19	127	330852	19.41	ng	#	29
37) 2-Methylnaphthalene	8.88	142	455311	17.60	ng		97
45) 1,1'-Biphenyl	9.34	154	107052	3.39	ng		97
48) Acenaphthylene	9.78	152	153765	3.89	ng		98
49) Dimethylphthalate	9.64	163	151437	4.95	ng		96
51) Acenaphthene	9.95	154	222615	8.88	ng		98
54) Dibenzofuran	10.12	168	300525	8.83	ng		95
55) 4-Nitrophenol	10.12	139	119639	22.55	ng	#	2
57) Fluorene	10.46	166	346411	12.62	ng		98
70) Phenanthrene	11.44	178	1397721	34.82	ng		99
71) Anthracene	11.48	178	429257	10.62	ng		97
72) Carbazole	11.63	167	211826	6.02	ng		97
74) Fluoranthene	12.63	202	905382	22.06	ng		95
77) Pyrene	12.84	202	743967	16.21	ng		96
80) Benzo(a)anthracene	14.04	228	377339	9.58	ng		96
82) Chrysene	14.04	228	377339	10.57	ng		99
85) Indeno(1,2,3-cd)pyrene	16.93	276	77784	2.64	ng		94
87) Benzo(b)fluoranthene	15.11	252	308341	9.14	ng	#	98
88) Benzo(k)fluoranthene	15.11	252	308341	11.99	ng	#	98
89) Benzo(a)pyrene	15.46	252	178233	6.71	ng		98
91) Benzo(g,h,i)perylene	17.36	276	77782	3.24	ng		95

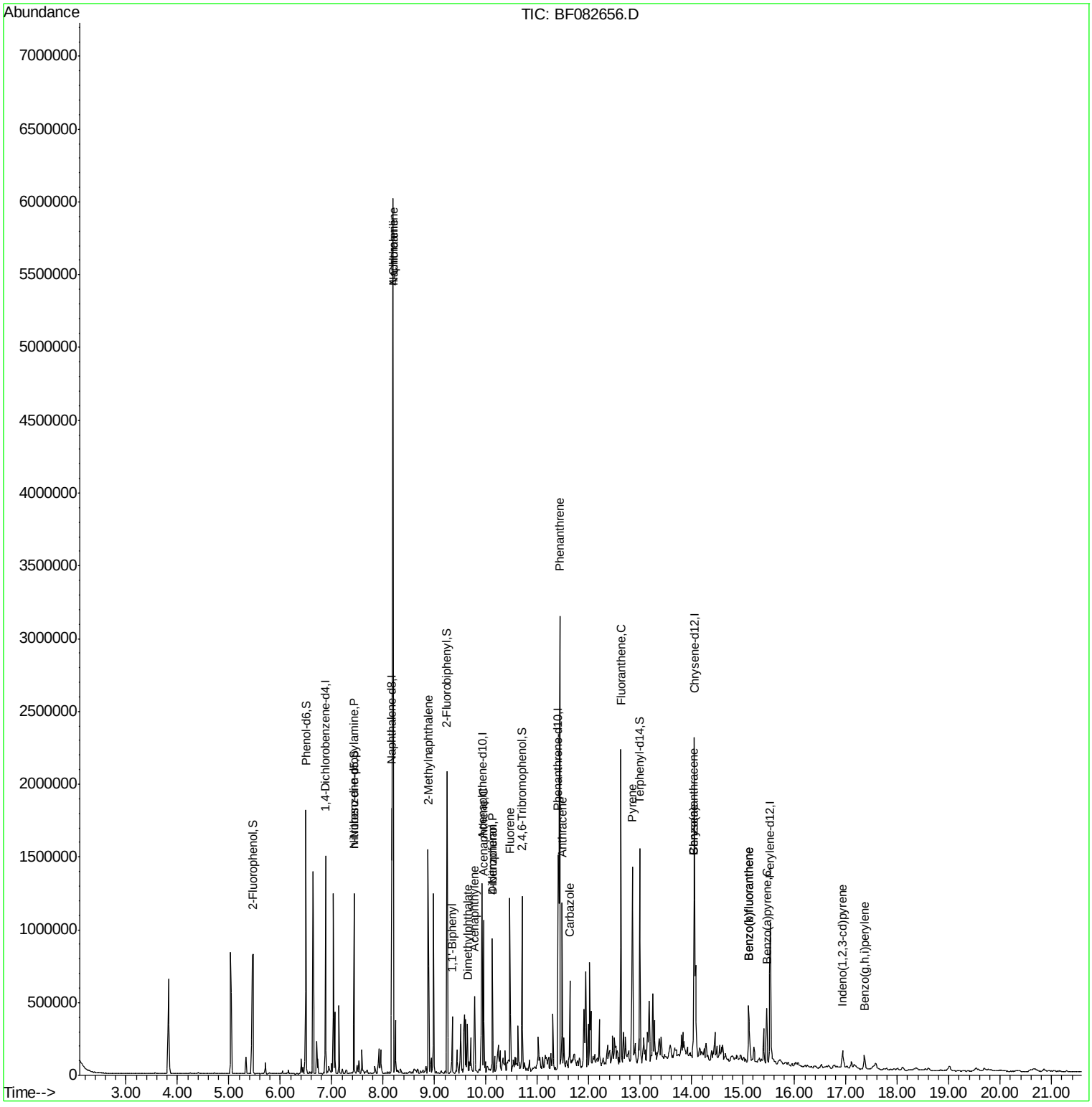
(#) = qualifier out of range (m) = manual integration (+) = signals summed

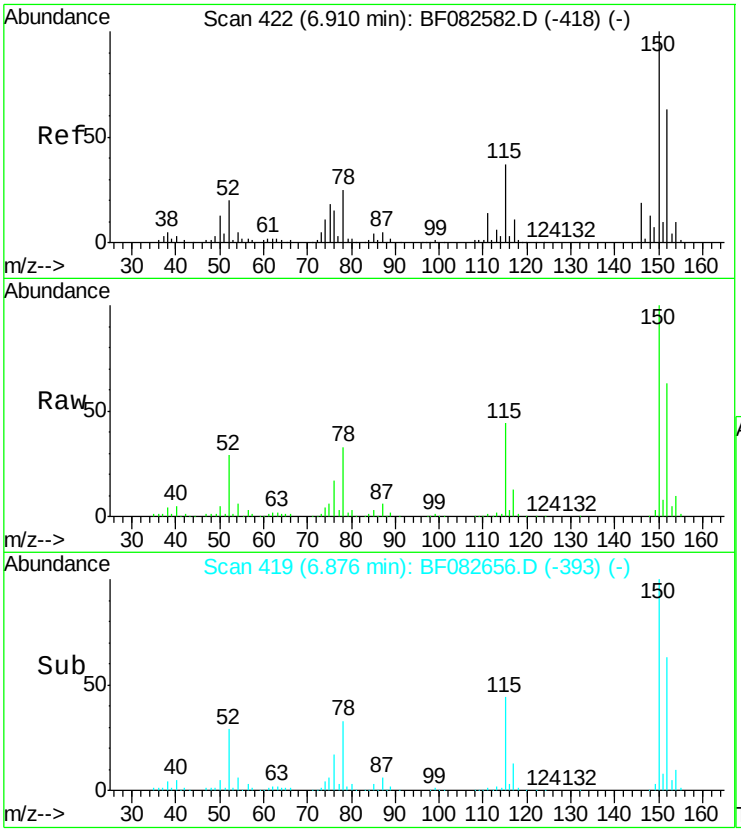
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF110315\
Data File : BF082656.D
Acq On : 3 Nov 2015 11:34
Operator : UM/IZ
Sample : G4234-03DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Quant Time: Nov 03 12:29:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration



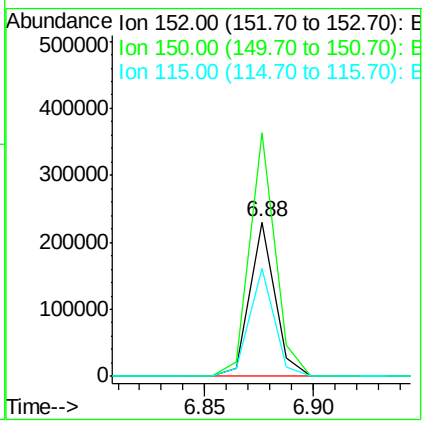


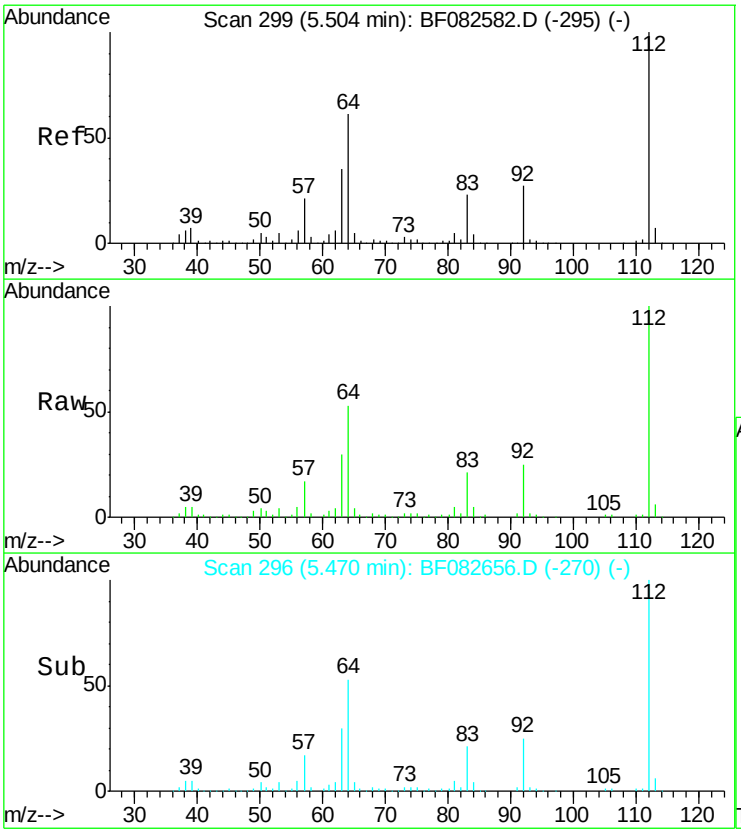
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:152 Resp: 185436

Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.0	190.4
115	70.2	47.0	70.6

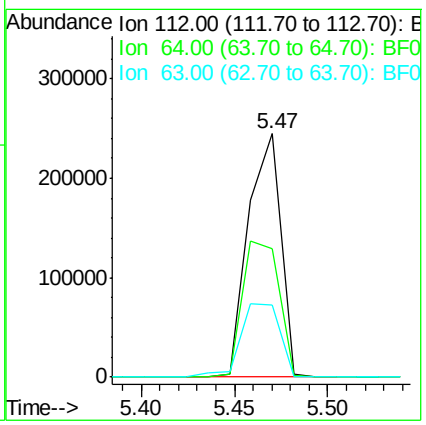


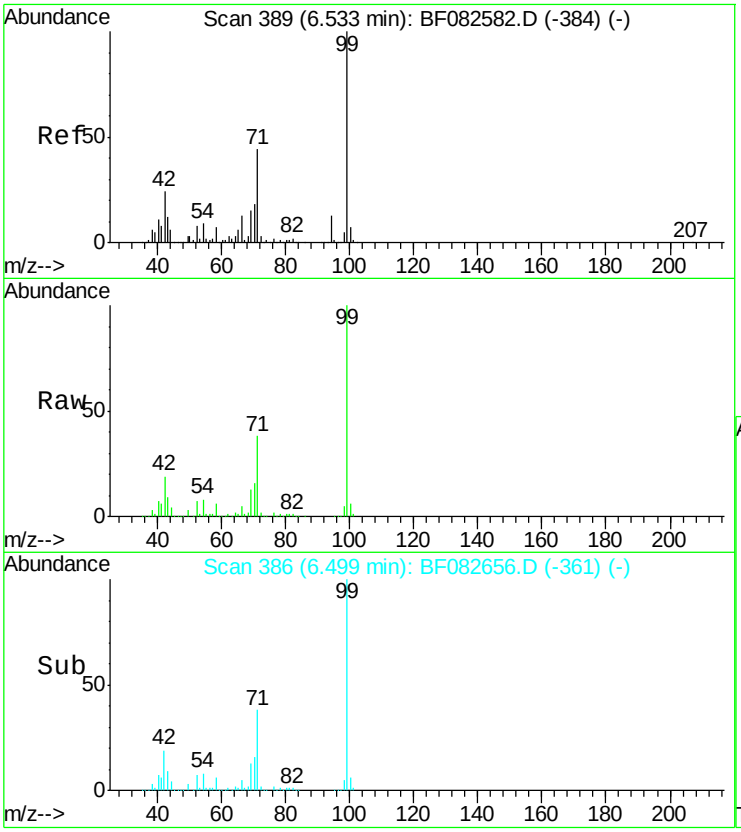


#5
2-Fluorophenol
Concen: 23.90 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:112 Resp: 294290

Ion	Ratio	Lower	Upper
112	100		
64	52.9	48.9	73.3
63	29.5	28.1	42.1



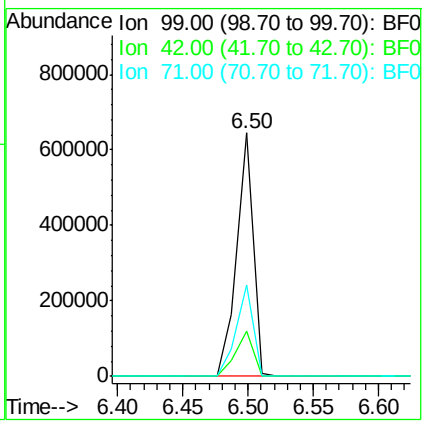


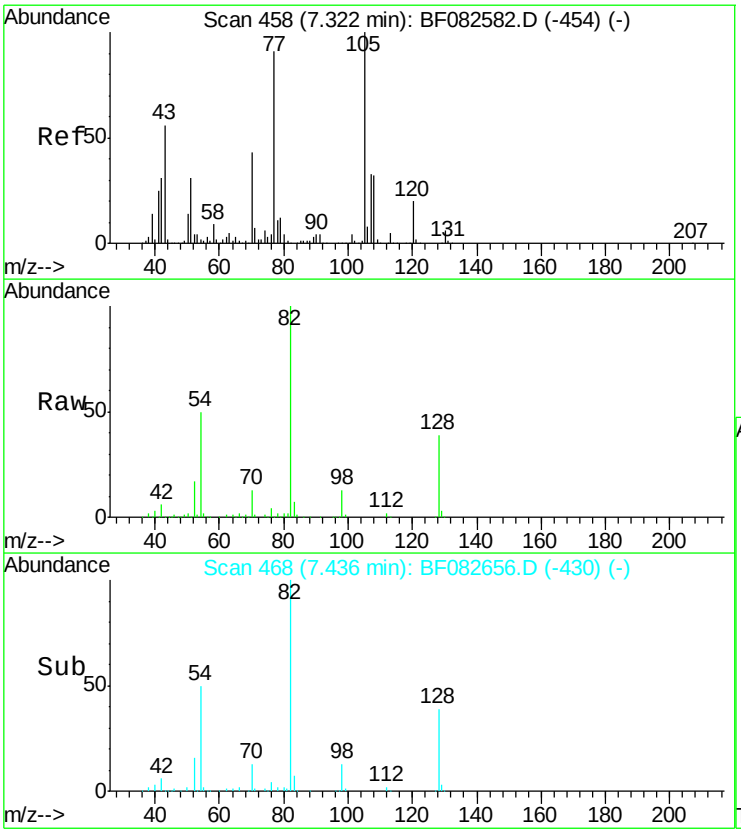
#7
Phenol-d6
Concen: 34.43 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion: 99 Resp: 563095

Ion	Ratio	Lower	Upper
99	100		
42	18.8	19.2	28.8#
71	37.6	35.0	52.4

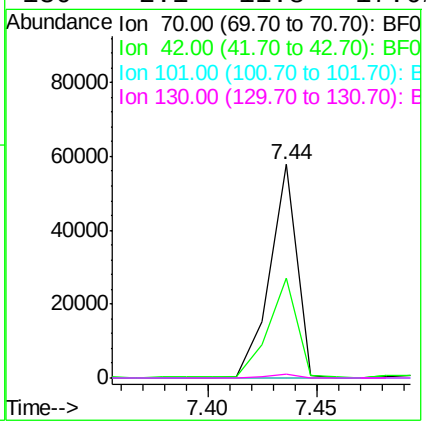


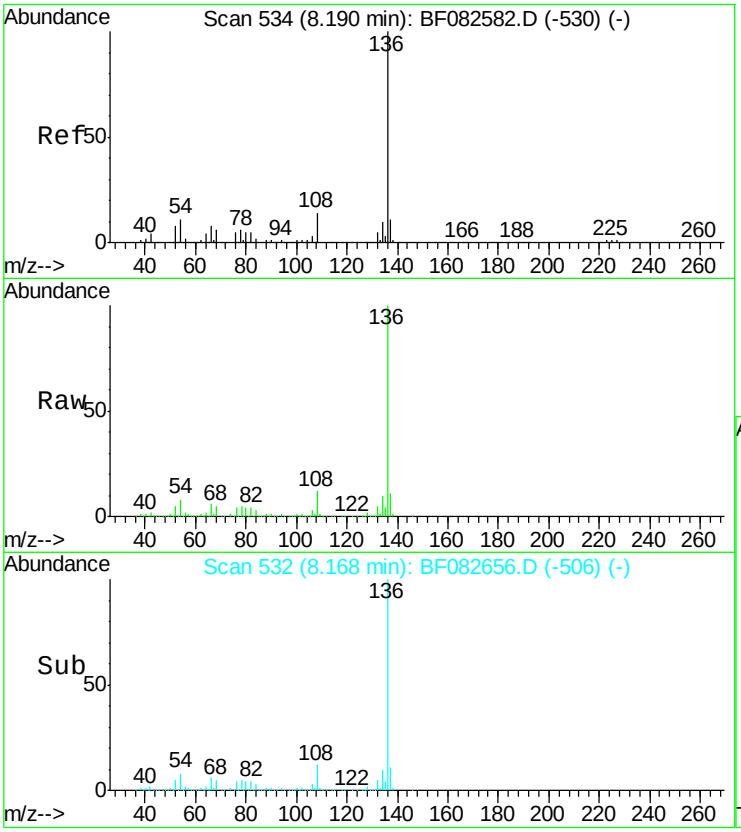


#19
n-Nitroso-di-n-propylamine
Concen: 4.09 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion: 70 Resp: 50688

Ion	Ratio	Lower	Upper
70	100		
42	47.1	57.7	86.5#
101	0.0	7.0	10.6#
130	2.1	11.8	17.6#



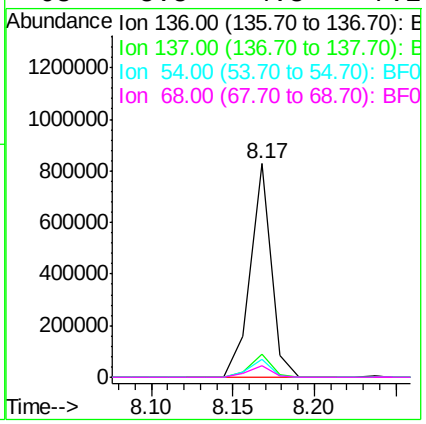


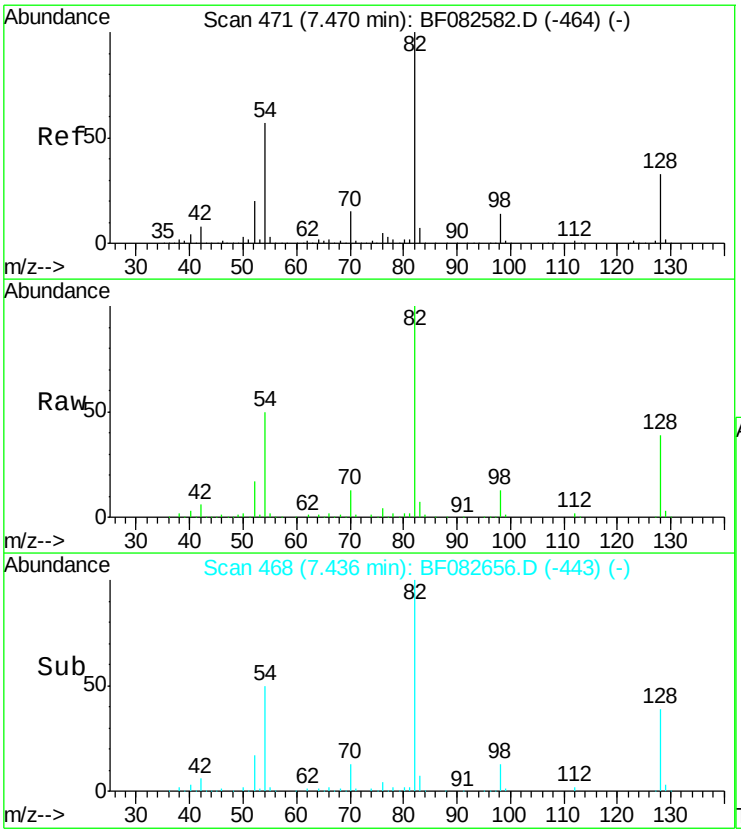
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:136 Resp: 737687

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.4	9.1	13.7#
68	5.5	4.8	7.2

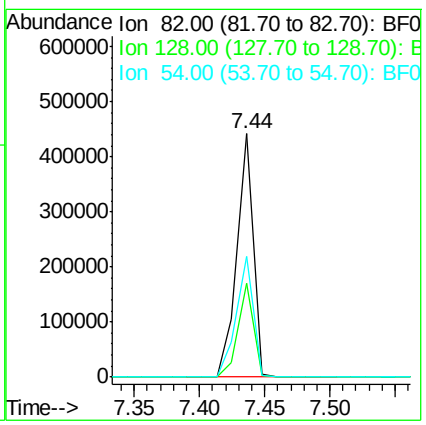


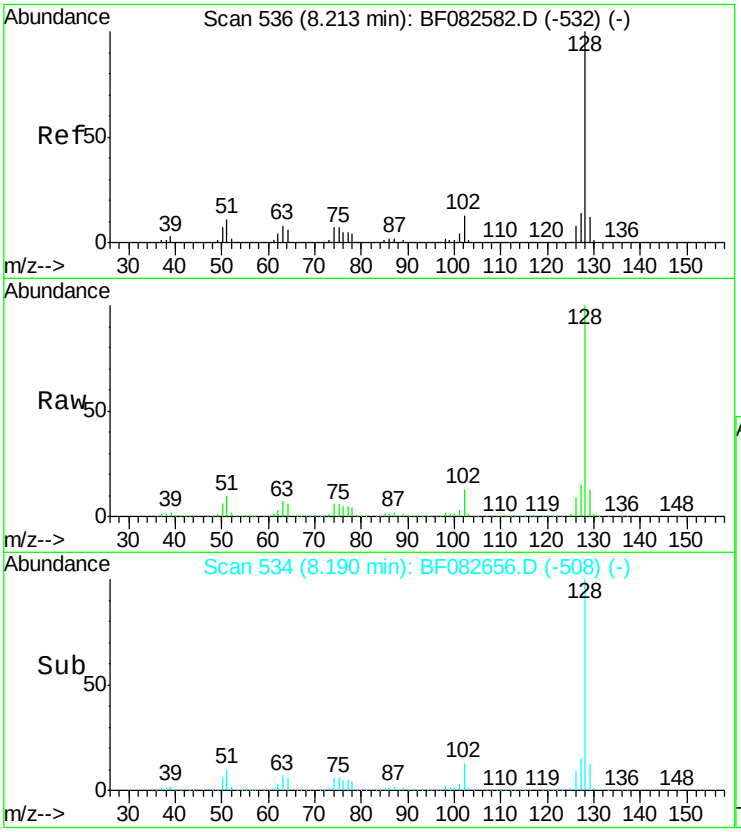


#23
Nitrobenzene-d5
Concen: 21.05 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion: 82 Resp: 380353

Ion	Ratio	Lower	Upper
82	100		
128	38.6	26.8	40.2
54	49.8	45.7	68.5



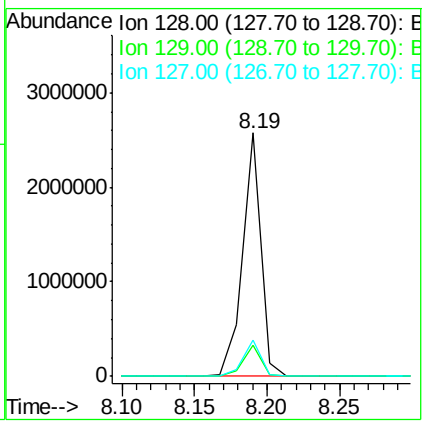


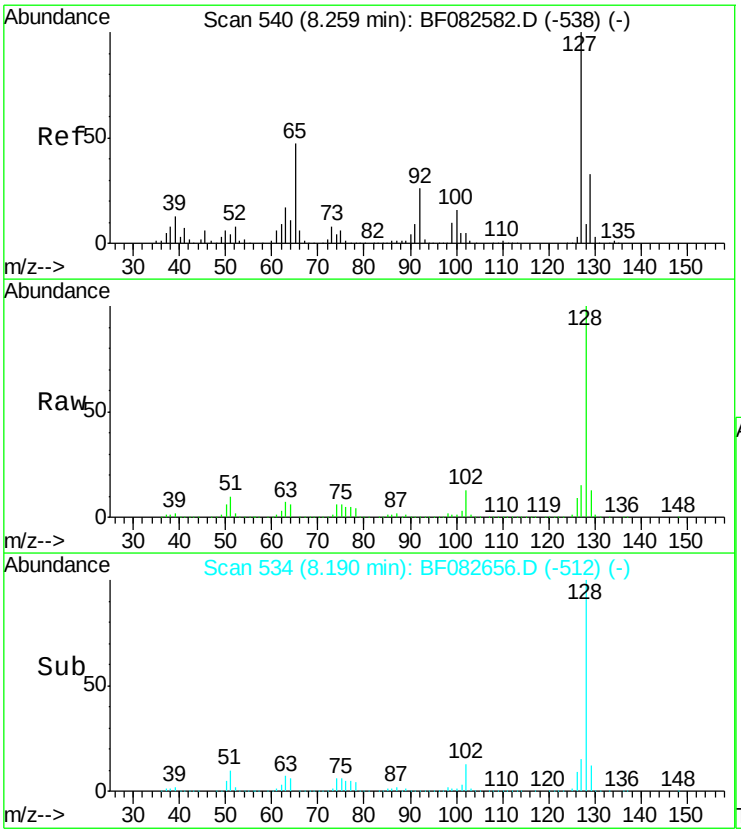
#31
Naphthalene
Concen: 56.21 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:128 Resp: 2243849

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.5	14.3
127	15.1	11.4	17.0

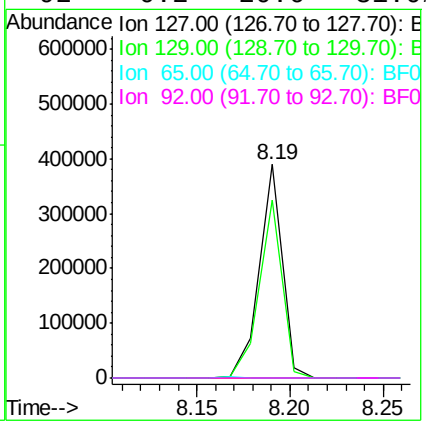


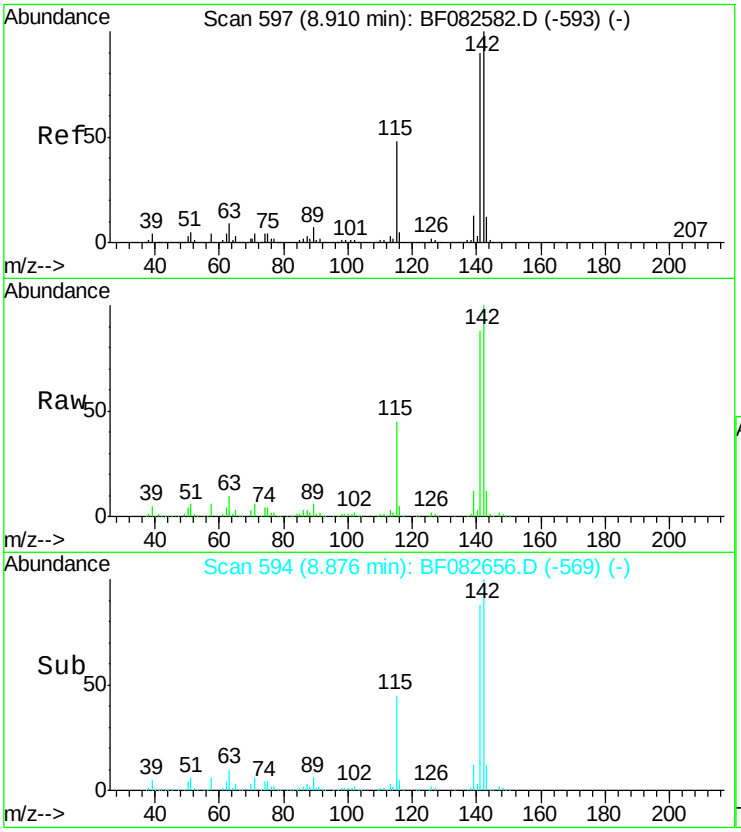


#33
4-Chloroaniline
Concen: 19.41 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.05 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:127 Resp: 330852

Ion	Ratio	Lower	Upper
127	100		
129	83.2	26.3	39.5#
65	0.0	37.8	56.8#
92	0.2	20.6	31.0#



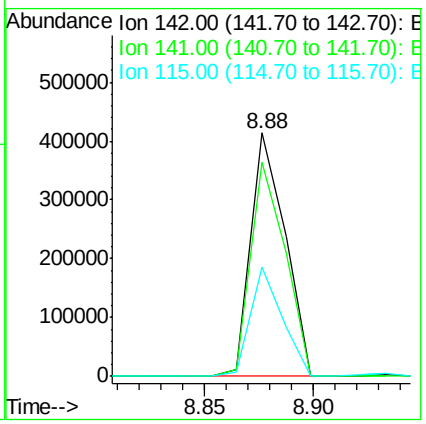


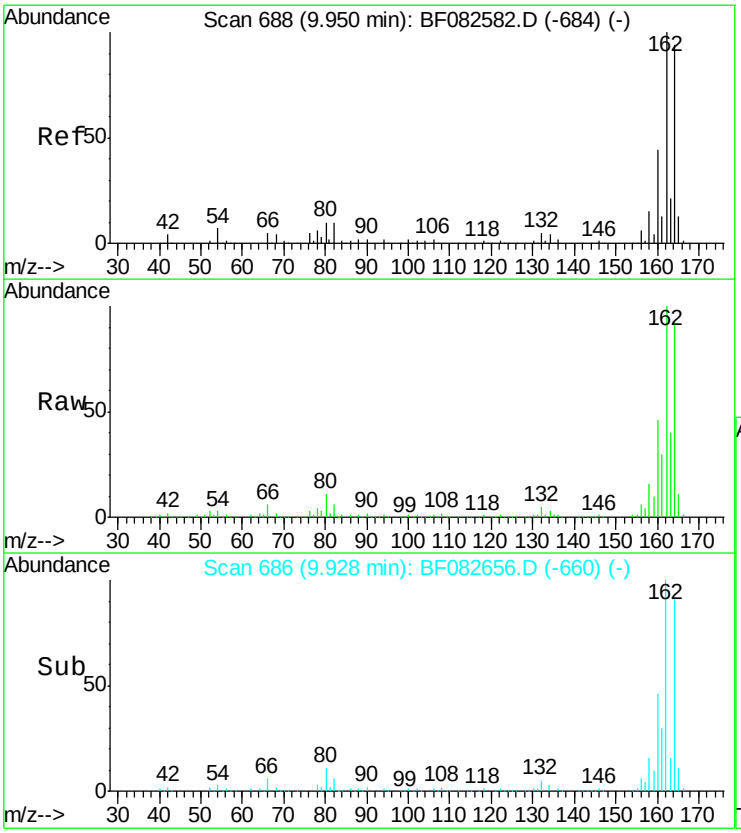
#37
2-Methylnaphthalene
Concen: 17.60 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:142 Resp: 455311

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.3	108.5
115	44.7	38.1	57.1

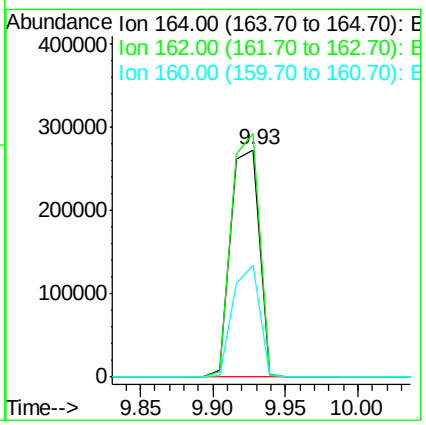


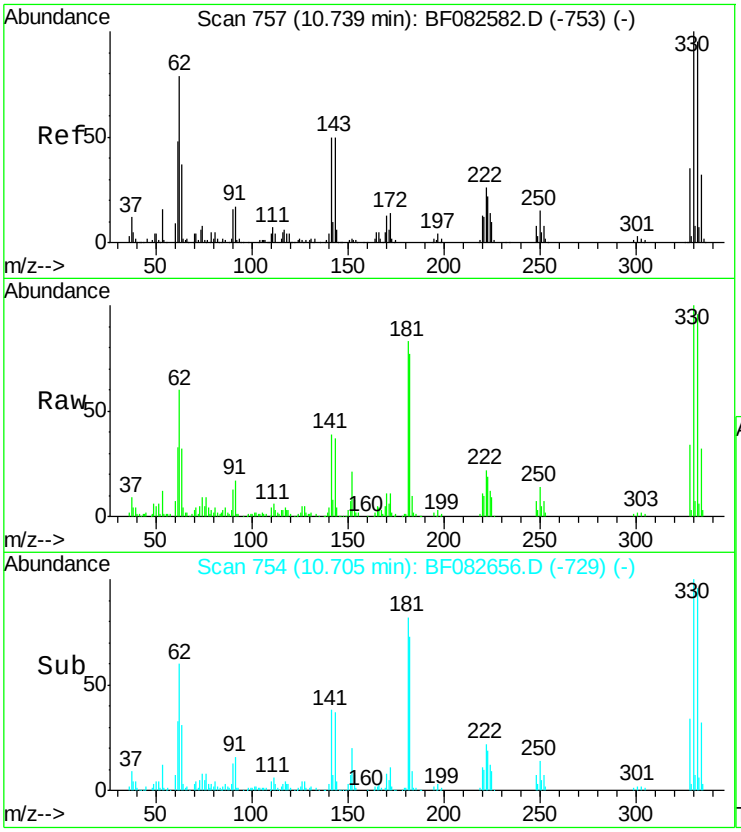


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:164 Resp: 374348

Ion	Ratio	Lower	Upper
164	100		
162	107.0	84.9	127.3
160	49.0	37.5	56.3



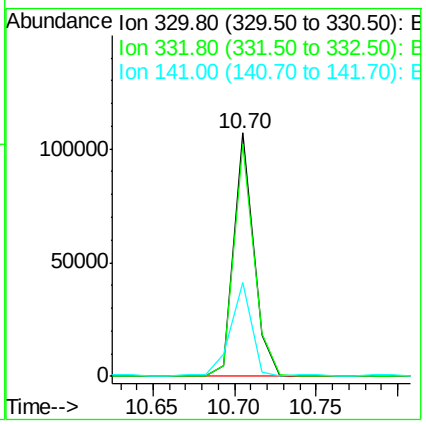


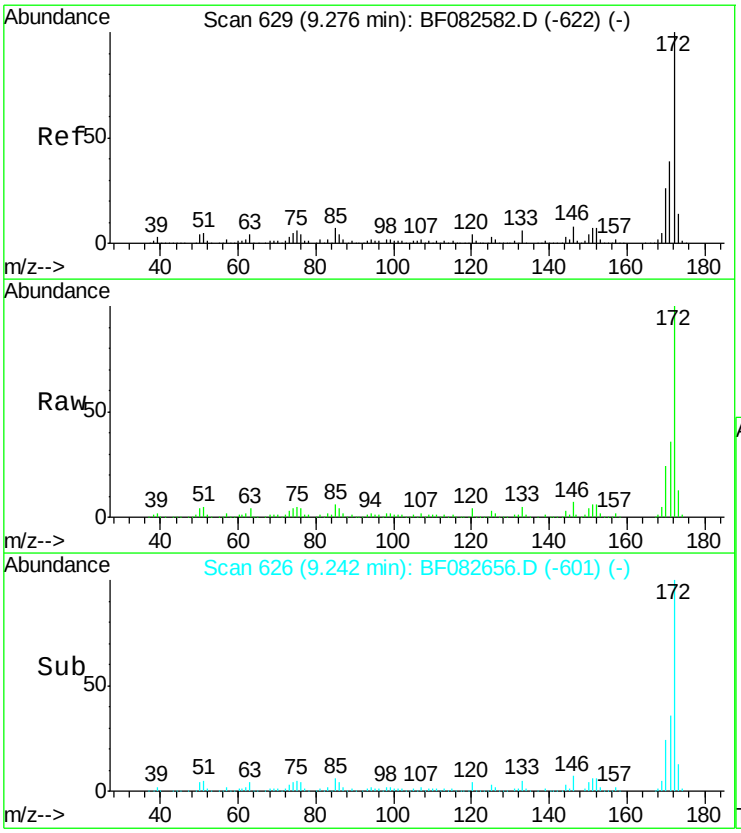
#41
2,4,6-Tribromophenol
Concen: 21.88 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:330 Resp: 89657

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	40.5	41.2	61.8#

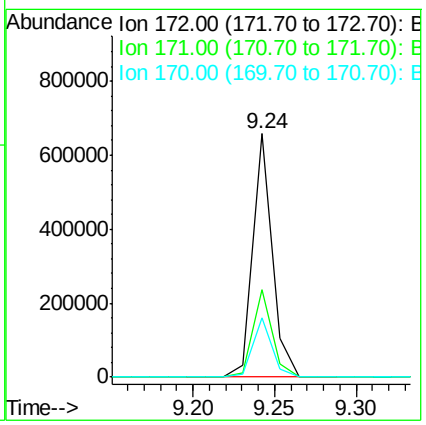


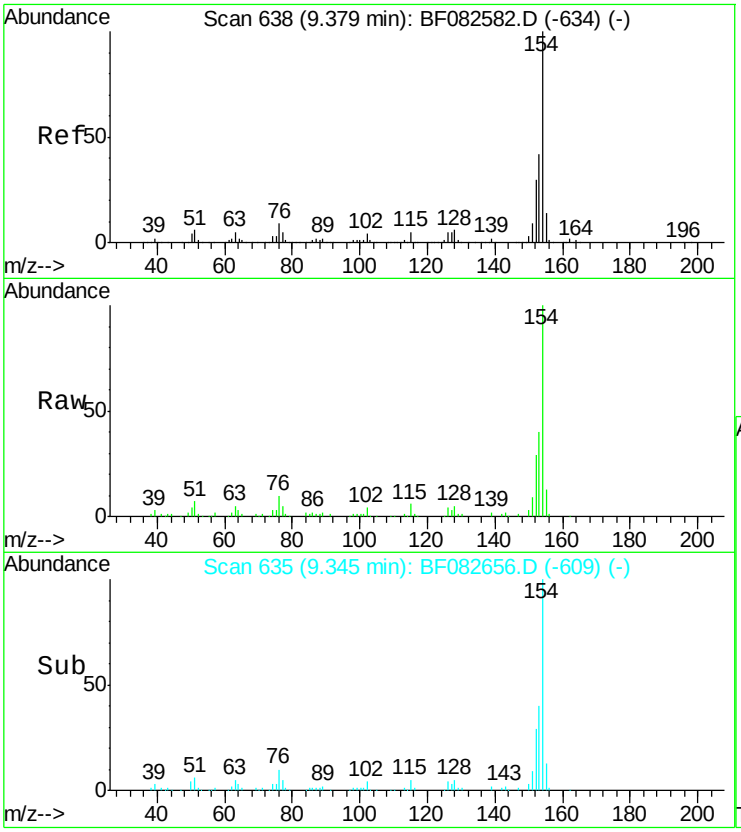


#44
2-Fluorobiphenyl
Concen: 20.73 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:172 Resp: 546696

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	24.2	21.2	31.8



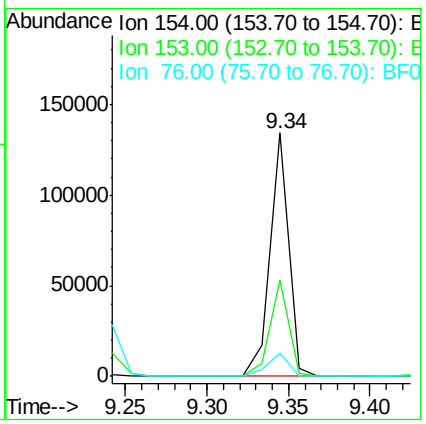


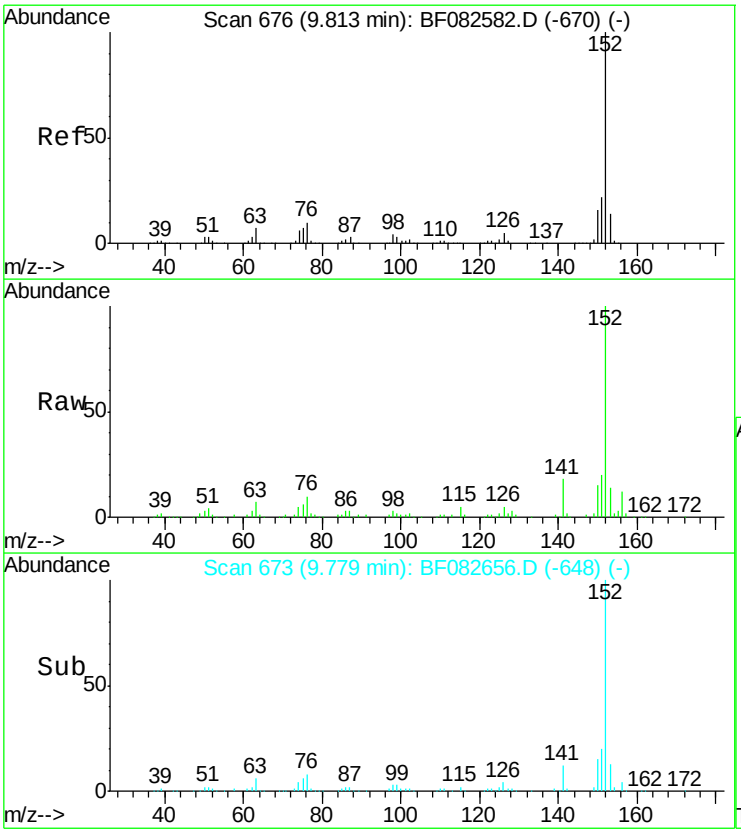
#45
1,1'-Biphenyl
Concen: 3.39 ng
RT: 9.34 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:154 Resp: 107052

Ion	Ratio	Lower	Upper
154	100		
153	39.7	22.0	62.0
76	9.9	0.0	29.0

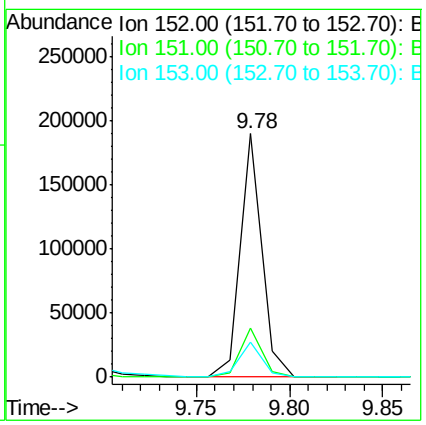


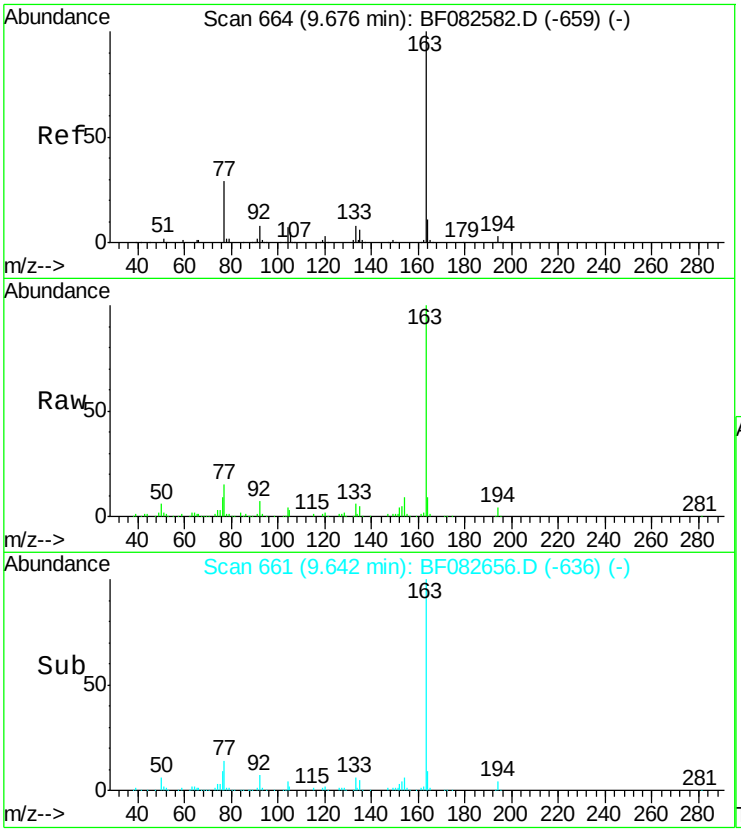


#48
Acenaphthylene
Concen: 3.89 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:152 Resp: 153765

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.3	25.9
153	14.2	11.3	16.9



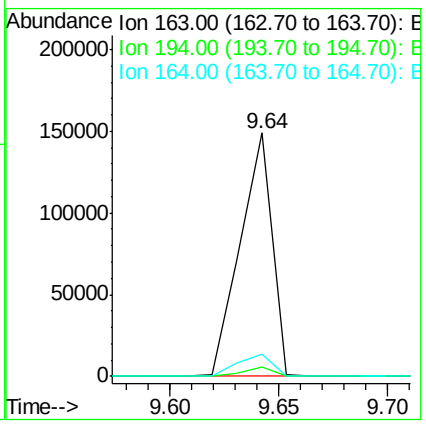


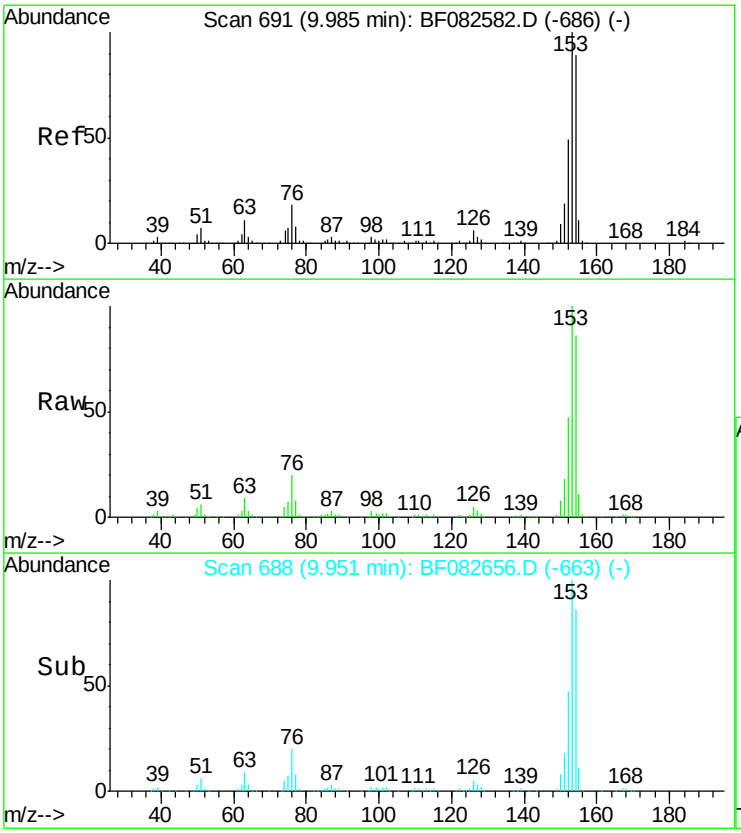
#49
Dimethylphthalate
Concen: 4.95 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:163 Resp: 151437

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.2	8.7	13.1

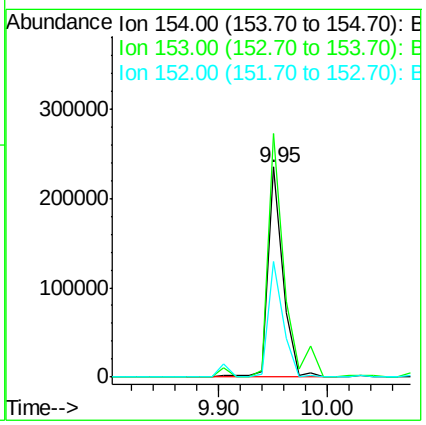


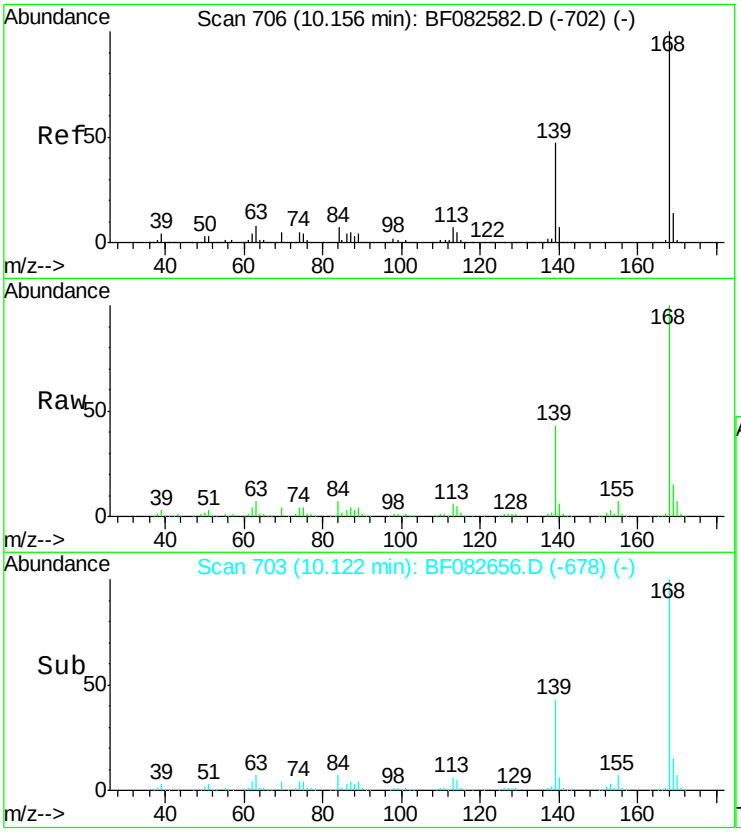


#51
Acenaphthene
Concen: 8.88 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:154 Resp: 222615

Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.1	135.1
152	54.9	44.3	66.5



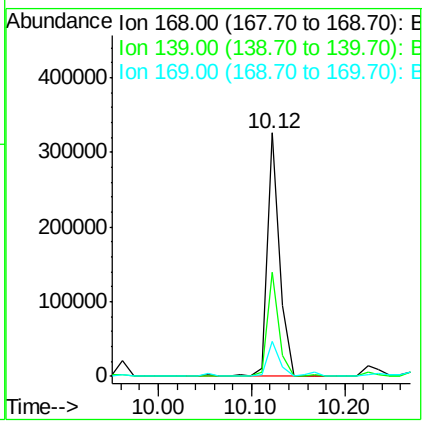


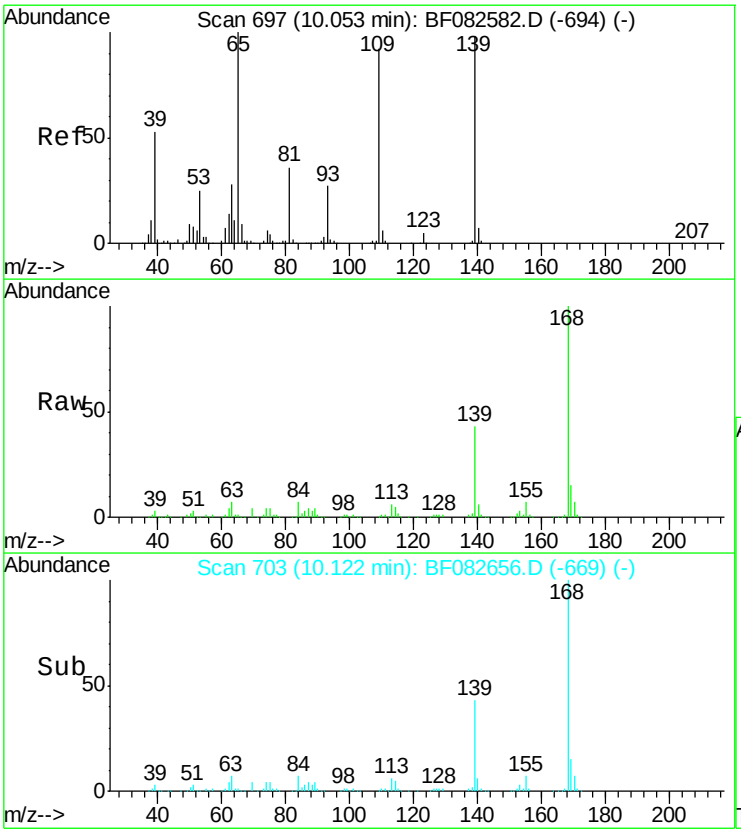
#54
Dibenzofuran
Concen: 8.83 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:168 Resp: 300525

Ion	Ratio	Lower	Upper
168	100		
139	42.9	37.8	56.6
169	14.5	11.3	16.9

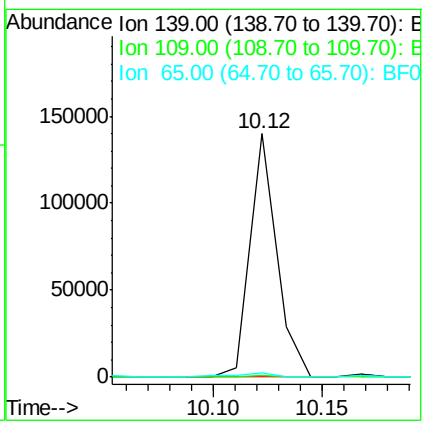


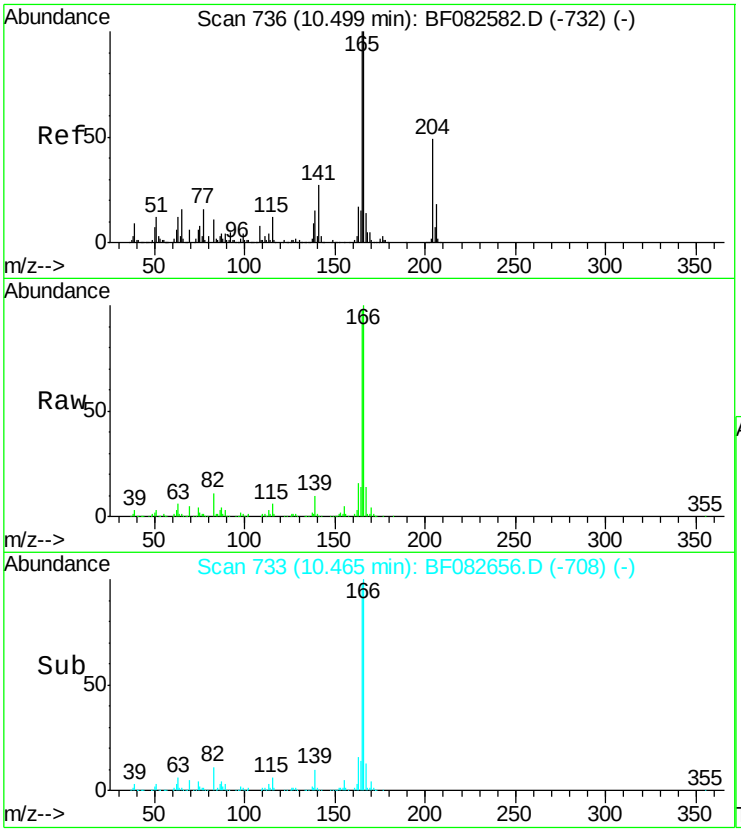


#55
4-Nitrophenol
Concen: 22.55 ng
RT: 10.12 min Scan# 703
Delta R.T. 0.09 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:139 Resp: 119639

Ion	Ratio	Lower	Upper
139	100		
109	1.0	73.7	113.7#
65	1.9	82.9	122.9#



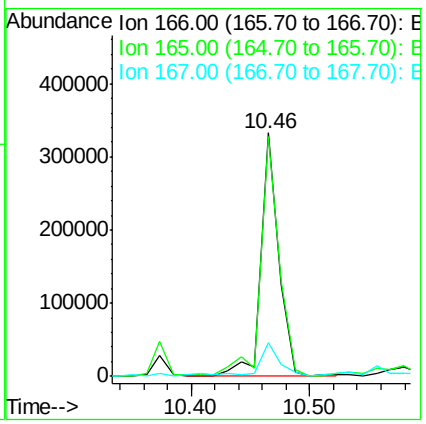


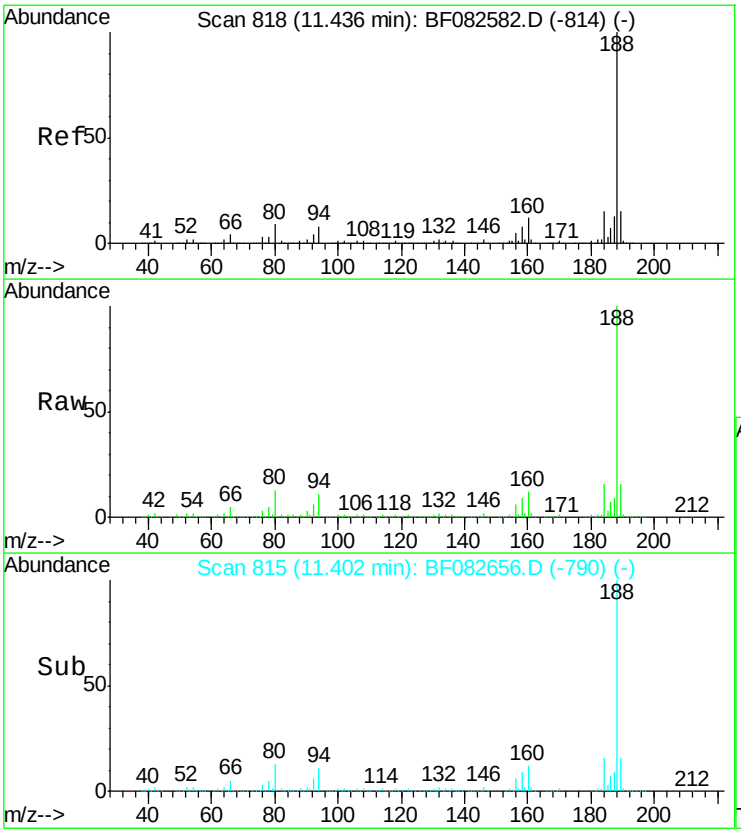
#57
Fluorene
Concen: 12.62 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:166 Resp: 346411

Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.2	120.4
167	13.7	11.2	16.8

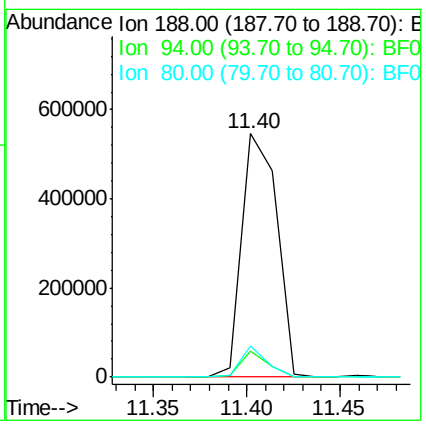


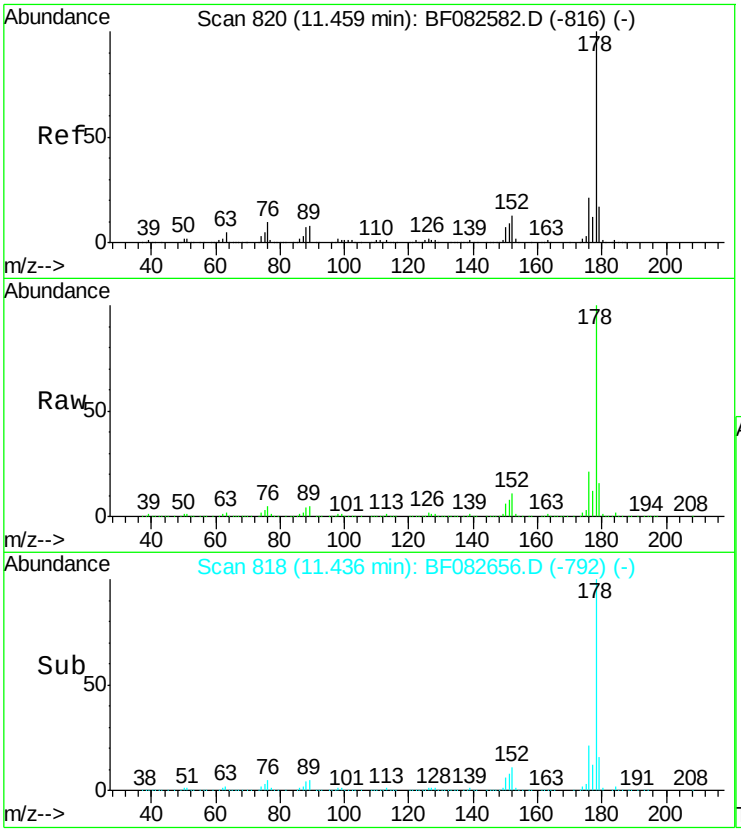


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:188 Resp: 711654

Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.1	9.1#
80	12.7	7.0	10.6#



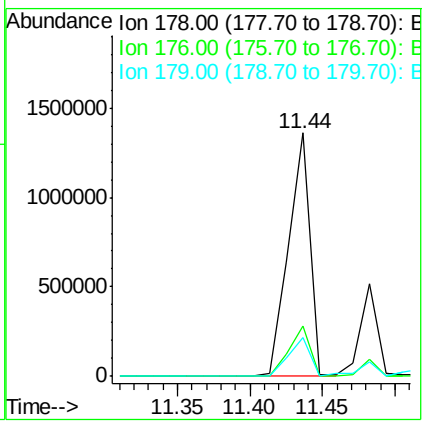


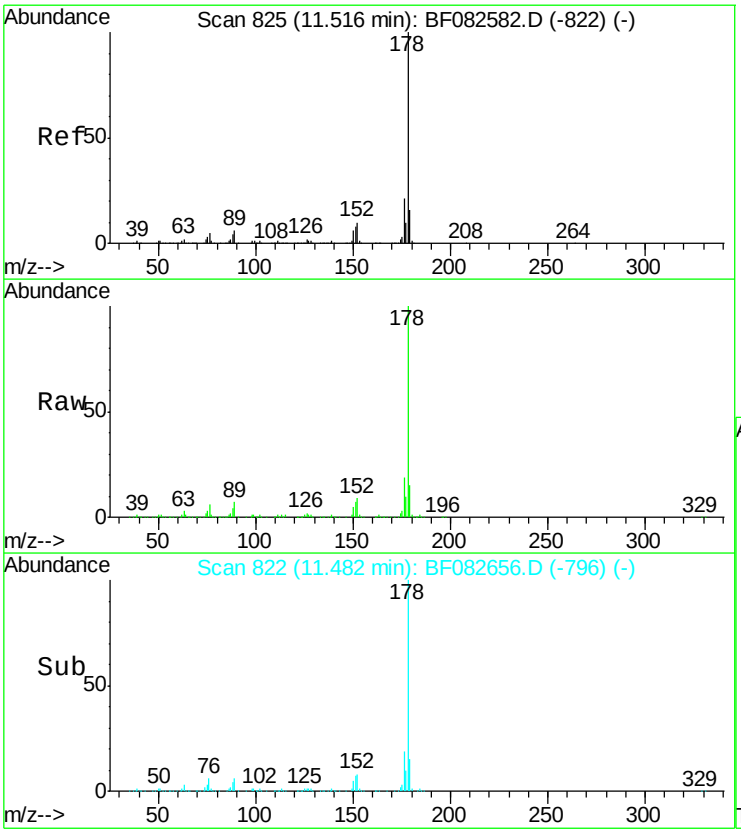
#70
Phenanthrene
Concen: 34.82 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:178 Resp: 1397721

Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.0	25.4
179	16.0	13.4	20.0

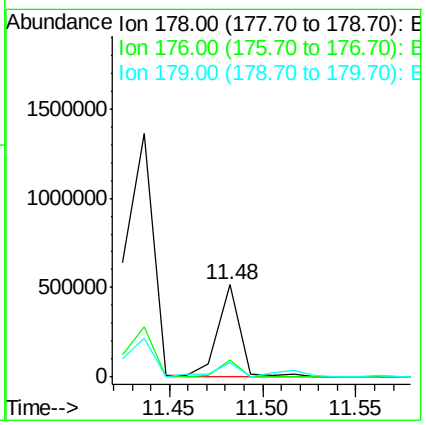


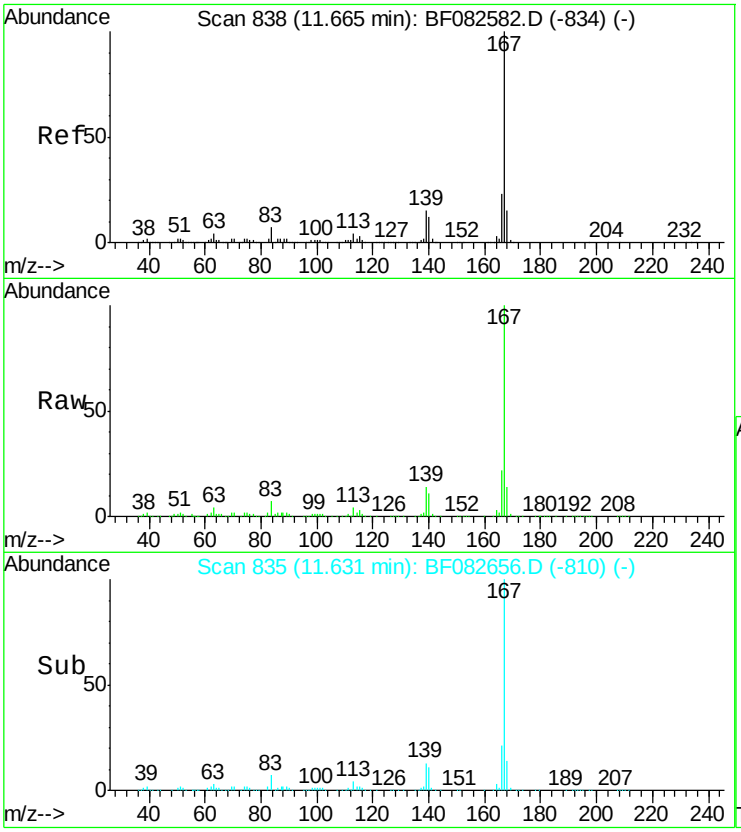


#71
Anthracene
Concen: 10.62 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:178 Resp: 429257

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.5	24.7
179	15.5	13.2	19.8



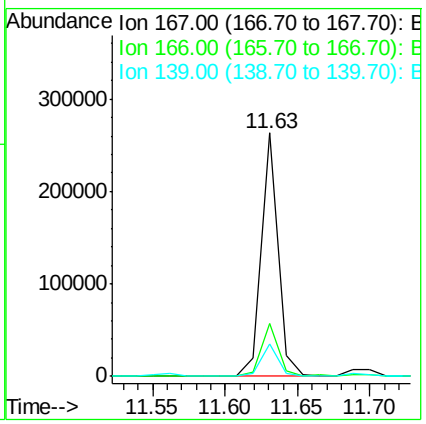


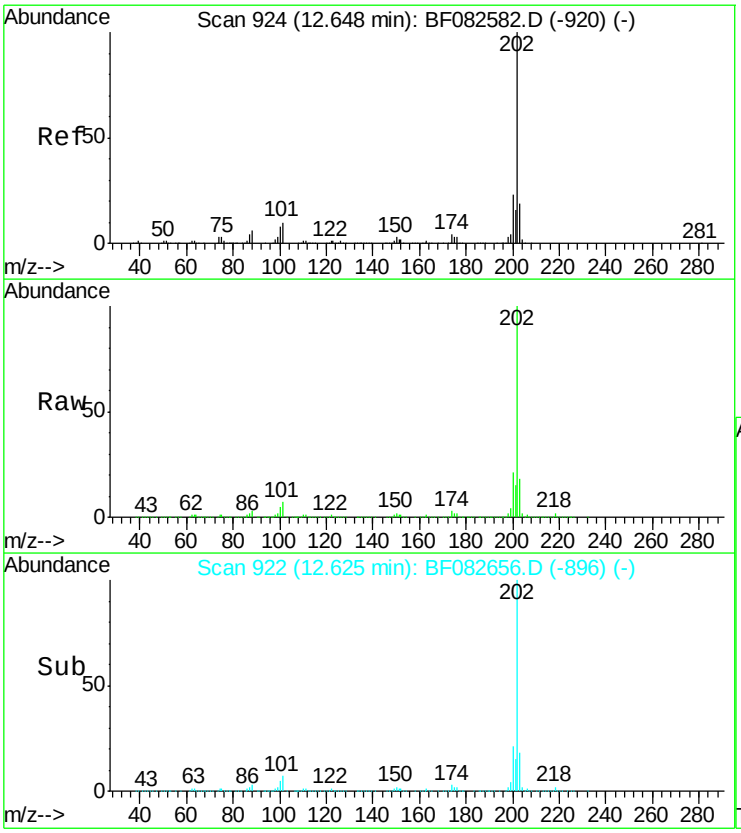
#72
Carbazole
Concen: 6.02 ng
RT: 11.63 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:167 Resp: 211826

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.7	28.1
139	13.5	11.8	17.6

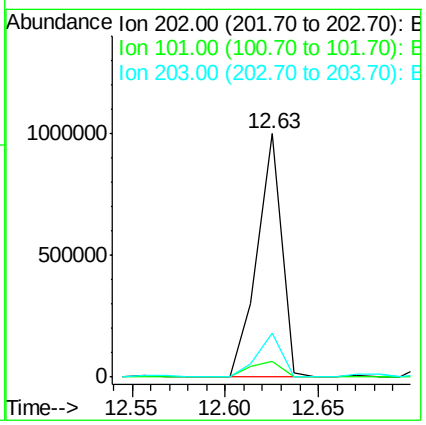


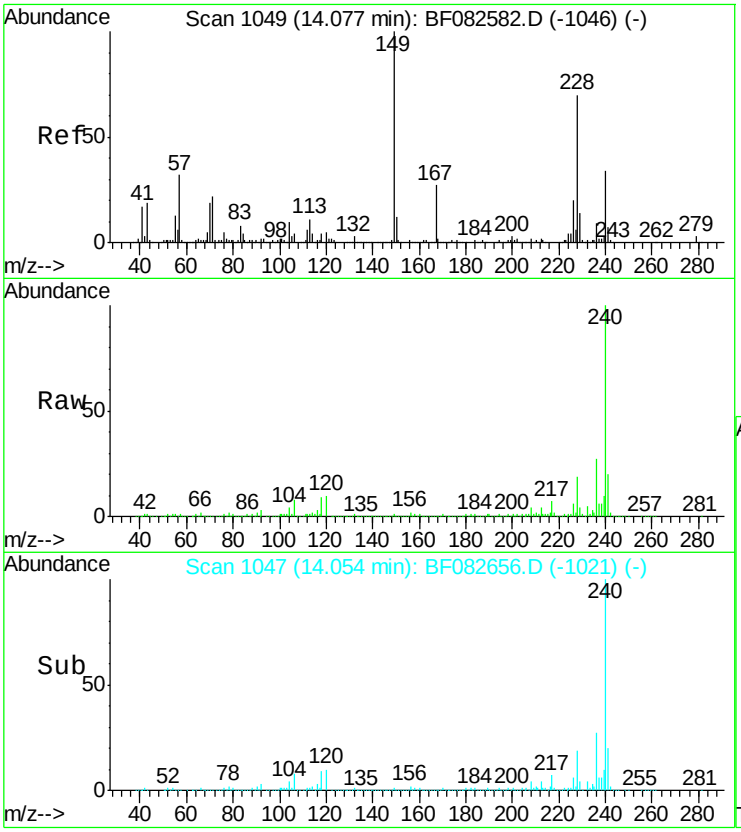


#74
Fluoranthene
Concen: 22.06 ng
RT: 12.63 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:202 Resp: 905382

Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	30.5
203	17.9	0.0	38.5



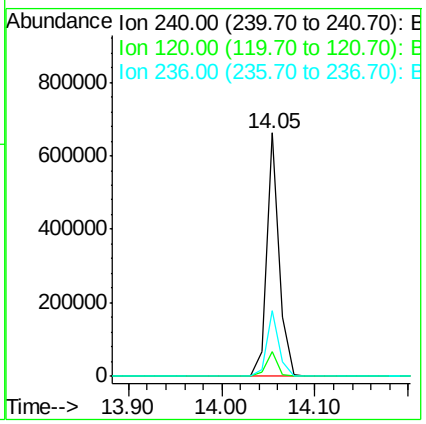


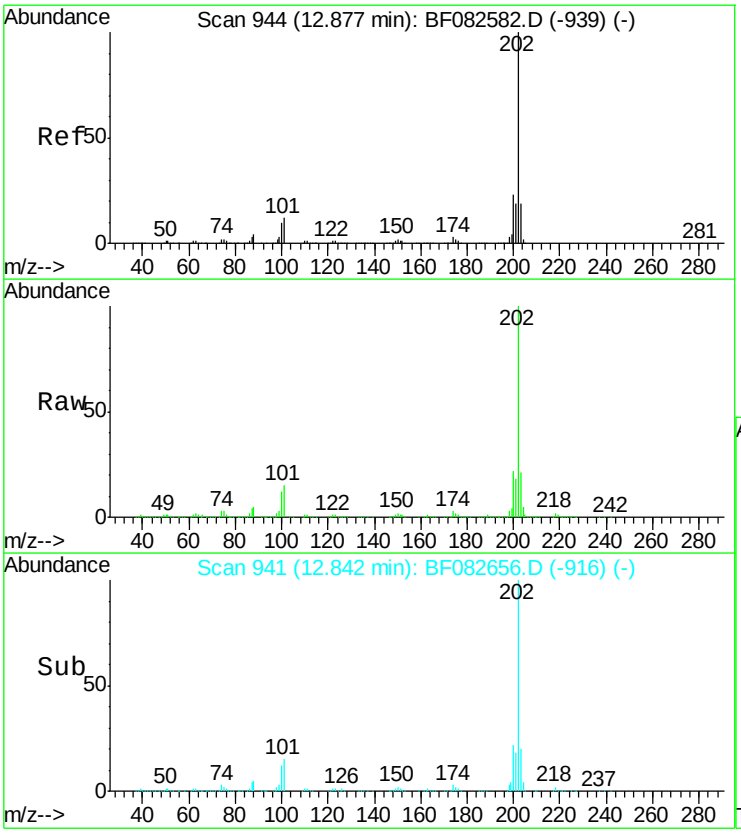
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:240 Resp: 619869

Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.9	16.3#
236	26.9	21.6	32.4

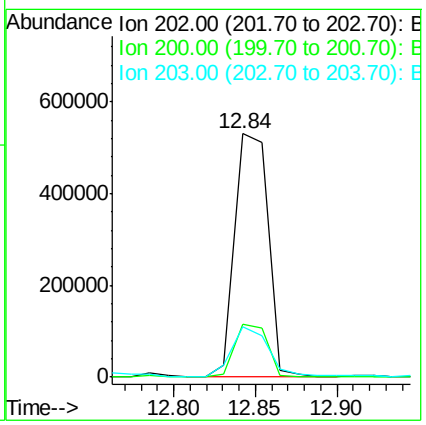


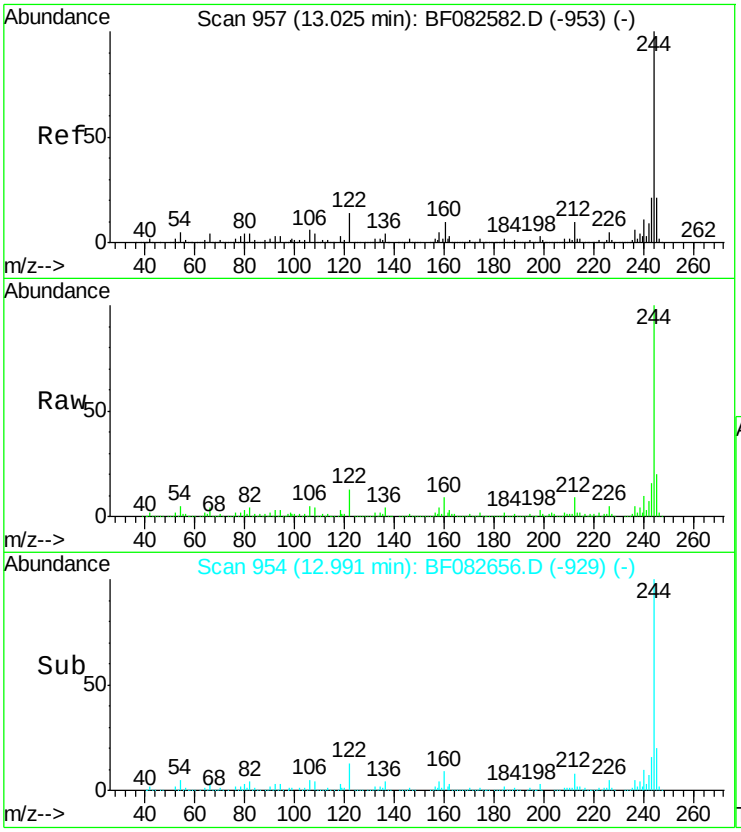


#77
Pyrene
Concen: 16.21 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:202 Resp: 743967

Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.7	28.1
203	20.8	14.8	22.2



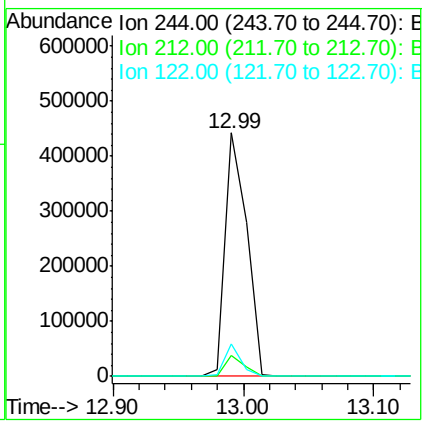


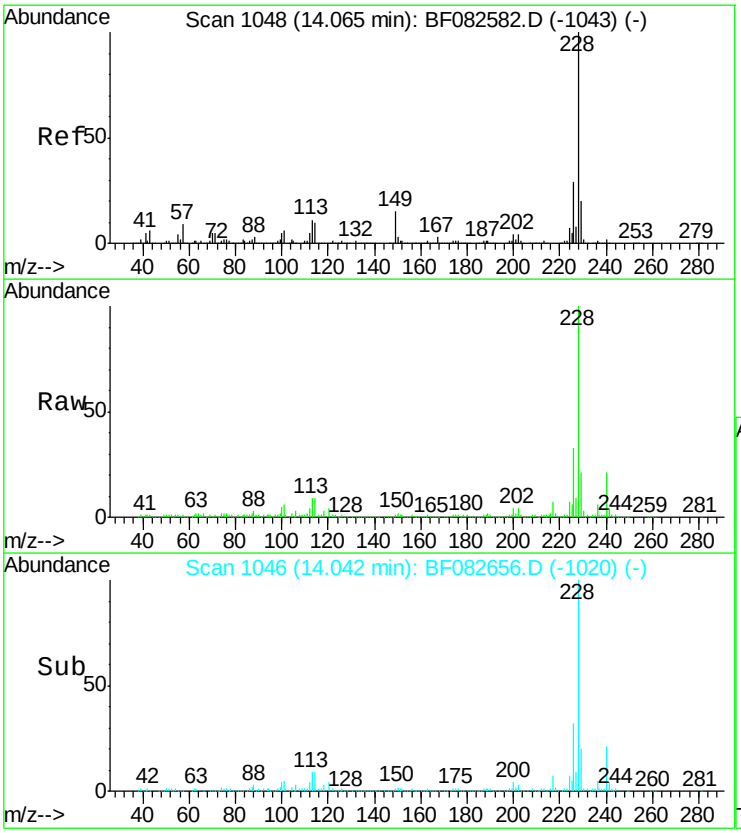
#78
Terphenyl-d14
Concen: 17.92 ng
RT: 12.99 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:244 Resp: 507510

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.6	11.4
122	13.4	11.3	16.9

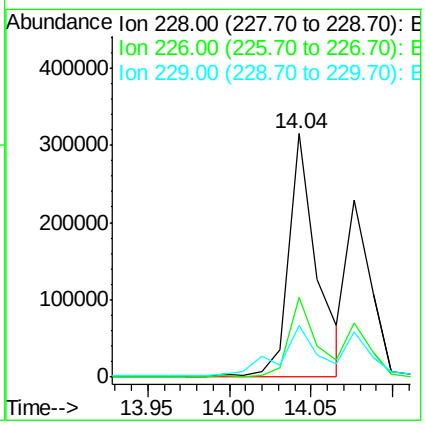


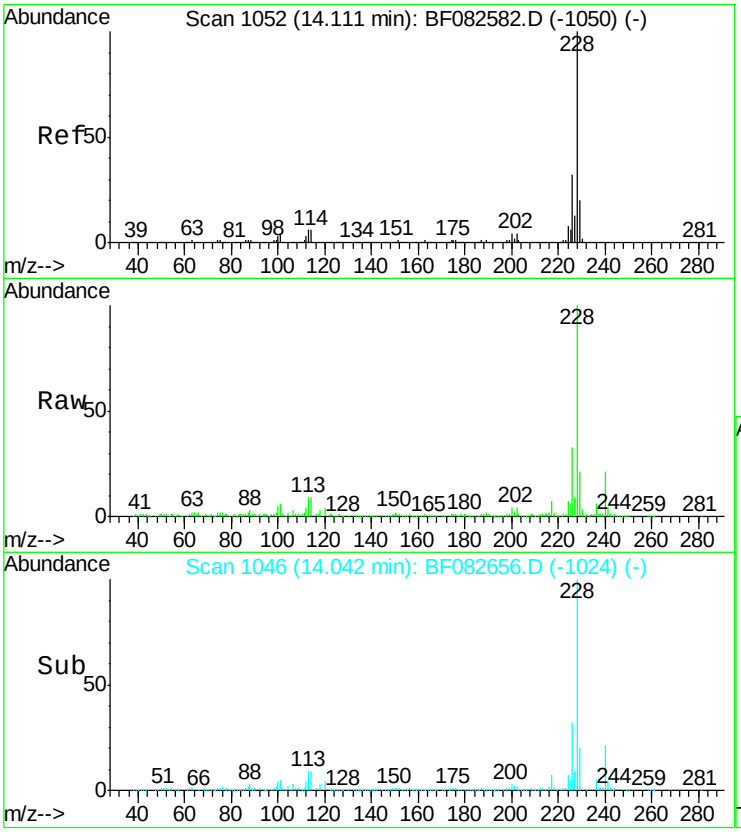


#80
Benzo(a)anthracene
Concen: 9.58 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:228 Resp: 377339

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.4	35.2
229	21.1	16.3	24.5



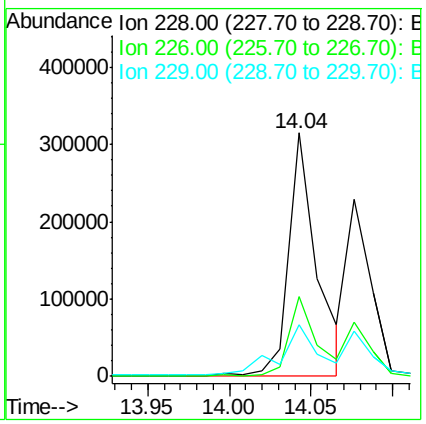


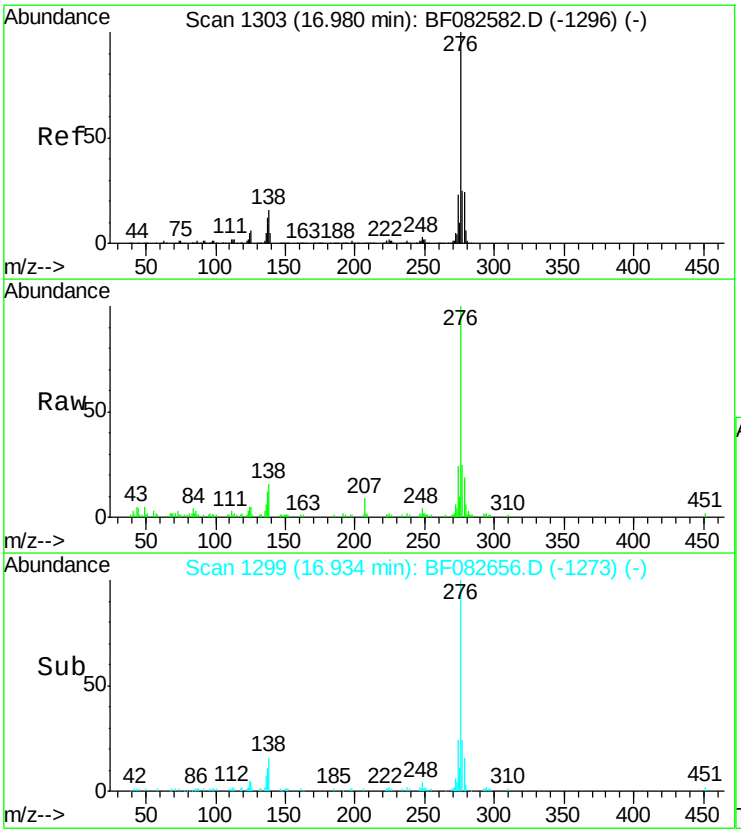
#82
Chrysene
Concen: 10.57 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.05 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:228 Resp: 377339

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.5	38.3
229	21.1	16.3	24.5

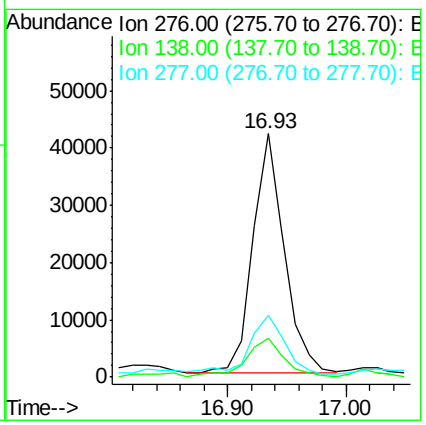


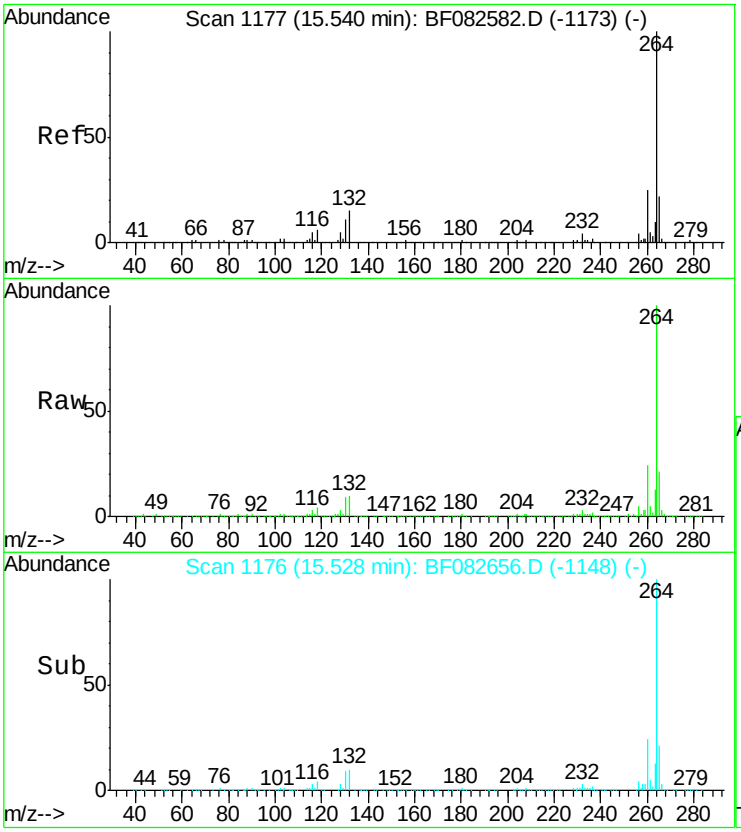


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.64 ng
RT: 16.93 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:276 Resp: 77784

Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.3	22.9
277	29.9	20.2	30.4



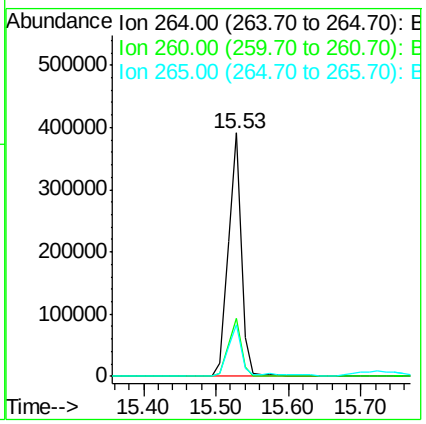


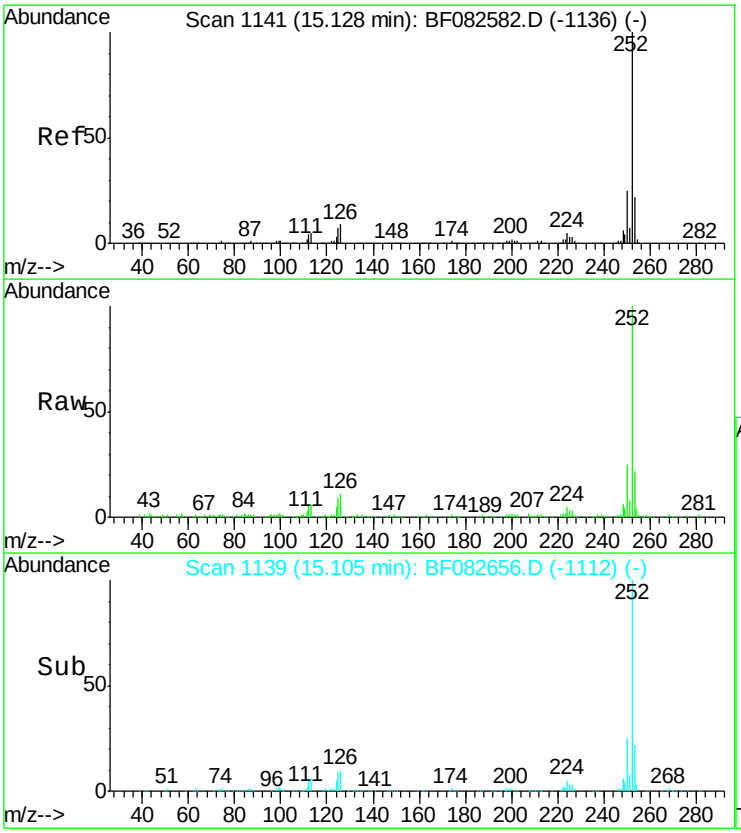
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:264 Resp: 489394

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	21.3	17.4	26.0

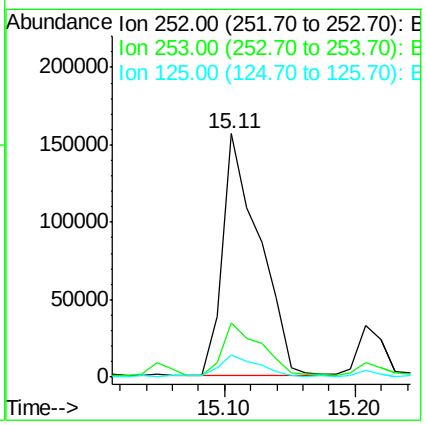


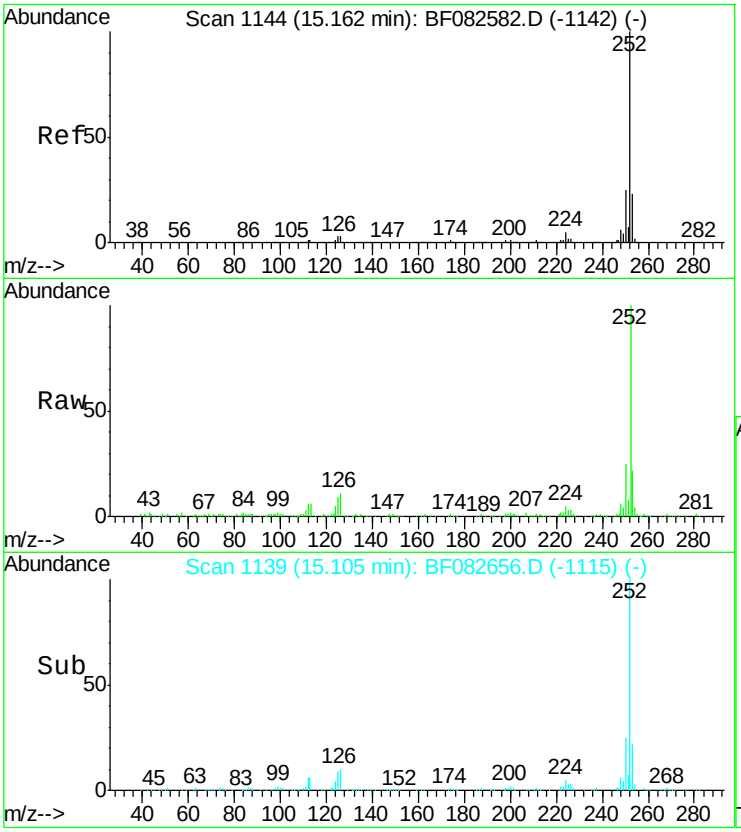


#87
Benzo(b)fluoranthene
Concen: 9.14 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:252 Resp: 308341

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.1	5.4	8.2#



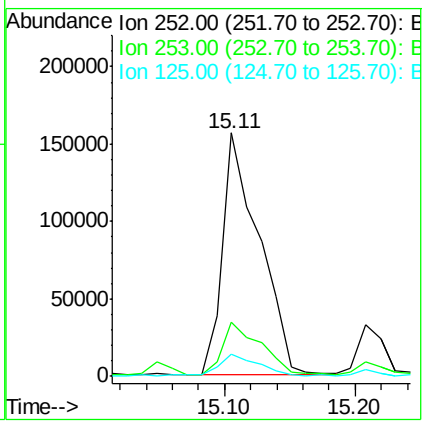


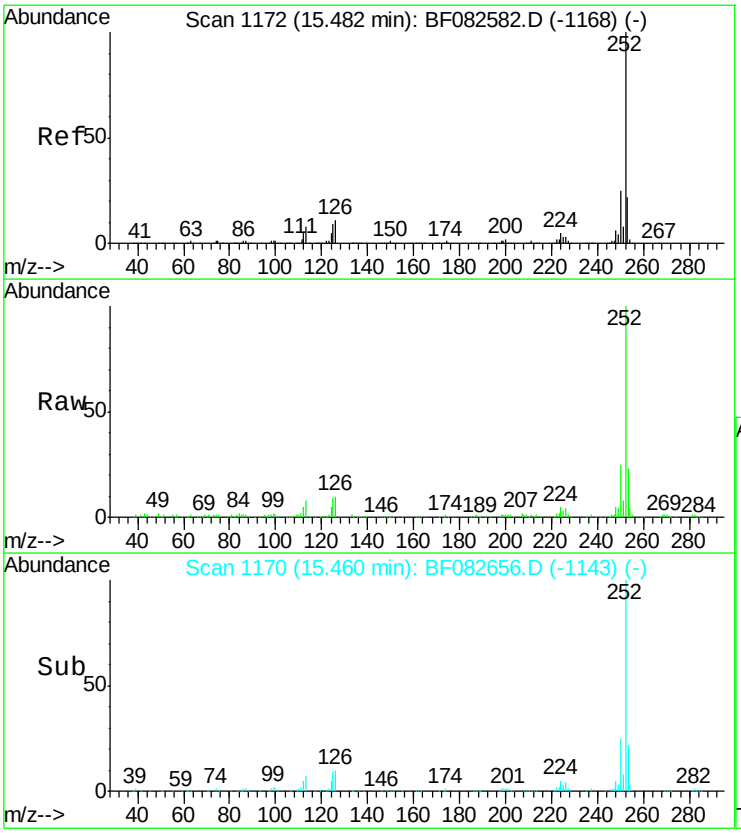
#88
Benzo(k)fluoranthene
Concen: 11.99 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:252 Resp: 308341

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.1	3.5	5.3#

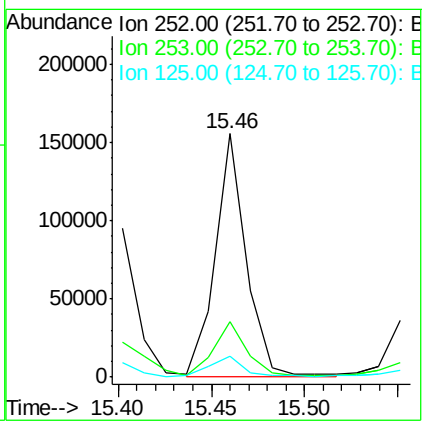


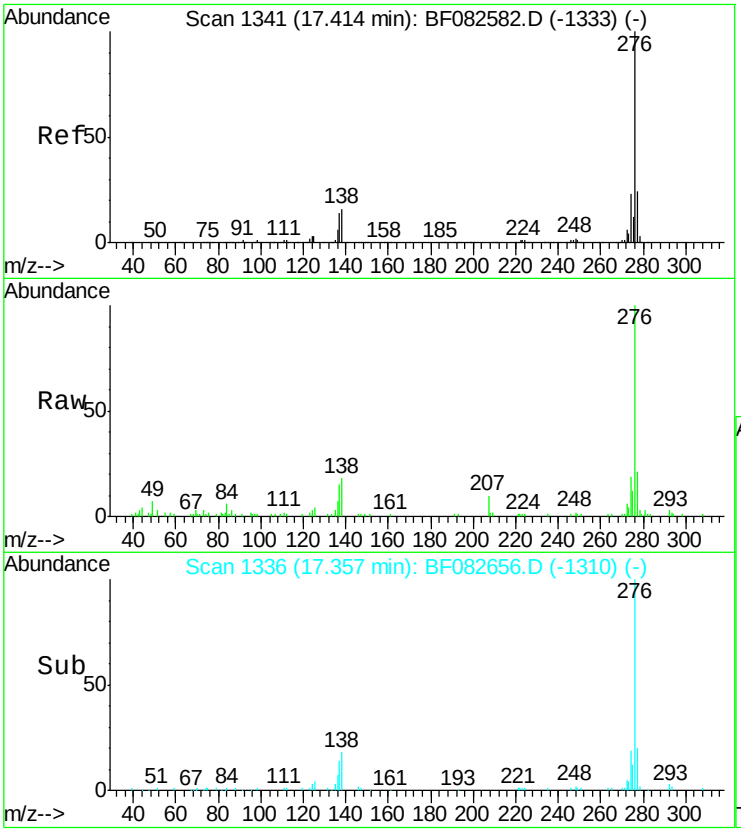


#89
Benzo(a)pyrene
Concen: 6.71 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Tgt Ion:252 Resp: 178233

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	8.8	7.1	10.7





#91
Benzo(g,h,i)perylene
Concen: 3.24 ng
RT: 17.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF082656.D
Acq: 3 Nov 2015 11:34

Instrument :
BNA_F
ClientSampleId :
DS-2DL

Tgt Ion:276 Resp: 77782

Ion	Ratio	Lower	Upper
276	100		
277	21.2	19.2	28.8
138	17.9	13.1	19.7