Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
Data File : BF082728.D
Acq On : 5 Nov 2015 14:38
Operator : UM/IZ
Sample : G4241-01DL 2X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17(3)DL

Quant Time: Nov 06 01:12:45 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	6.86	152	171361	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	582693	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	281537	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	439125	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	344971	20.00	ng		-0.02
86) Perylene-d12	15.48	264	368582	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	760221	66.82	ng		-0.01
7) Phenol-d6	6.49	99	908720	60.12	ng		-0.02
23) Nitrobenzene-d5	7.42	82	739964	51.86	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	214801	69.71	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	889926	44.88	ng		-0.02
78) Terphenyl-d14	12.99	244	620011	39.33	ng		-0.01
Target Compounds							Qvalue
18) Hexachloroethane	7.37	117	16612	3.06	ng	#	1
22) Acetophenone	7.26	105	38946	2.27	ng	#	33
24) Nitrobenzene	7.41	77	41619	2.89	ng	#	39
31) Naphthalene	8.17	128	439224	13.93	ng		99
33) 4-Chloroaniline	8.17	127	67096	4.98	ng	#	38
35) Caprolactam	8.59	113	47884	16.65	ng	#	1
37) 2-Methylnaphthalene	8.86	142	198787	9.73	ng		97
48) Acenaphthylene	9.77	152	196897	6.63	ng	#	87
49) Dimethylphthalate	9.62	163	197735	8.60	ng	#	94
50) 2,6-Dinitrotoluene	9.69	165	12077	2.53	ng	#	64
51) Acenaphthene	9.95	154	325707	17.27	ng		93
53) 2,4-Dinitrophenol	9.97	184	1978	7.41	ng	#	1
55) 4-Nitrophenol	10.02	139	20280	5.08	ng	#	1
56) 2,4-Dinitrotoluene	10.08	165	16538	2.57	ng	#	41
57) Fluorene	10.46	166	372034	18.03	ng	#	94
65) n-Nitrosodiphenylamine	10.51	169	102731	6.81	ng		96
70) Phenanthrene	11.42	178	1165514	47.06	ng	#	96
71) Anthracene	11.48	178	332048	13.32	ng	#	92
74) Fluoranthene	12.63	202	512413	20.24	ng		90
77) Pyrene	12.84	202	974805	38.16	ng		98
80) Benzo(a)anthracene	14.02	228	507817	23.17	ng	#	67
82) Chrysene	14.02	228	507558	25.55	ng	#	70
85) Indeno(1,2,3-cd)pyrene	16.88	276	140835	8.59	ng		96
87) Benzo(b)fluoranthene	15.07	252	308247	12.13	ng	#	89
88) Benzo(k)fluoranthene	15.07	252	308247	15.92	ng	#	90
89) Benzo(a)pyrene	15.41	252	239746	11.98	ng	#	87
91) Benzo(g,h,i)perylene	17.31	276	171689	9.49	ng		98

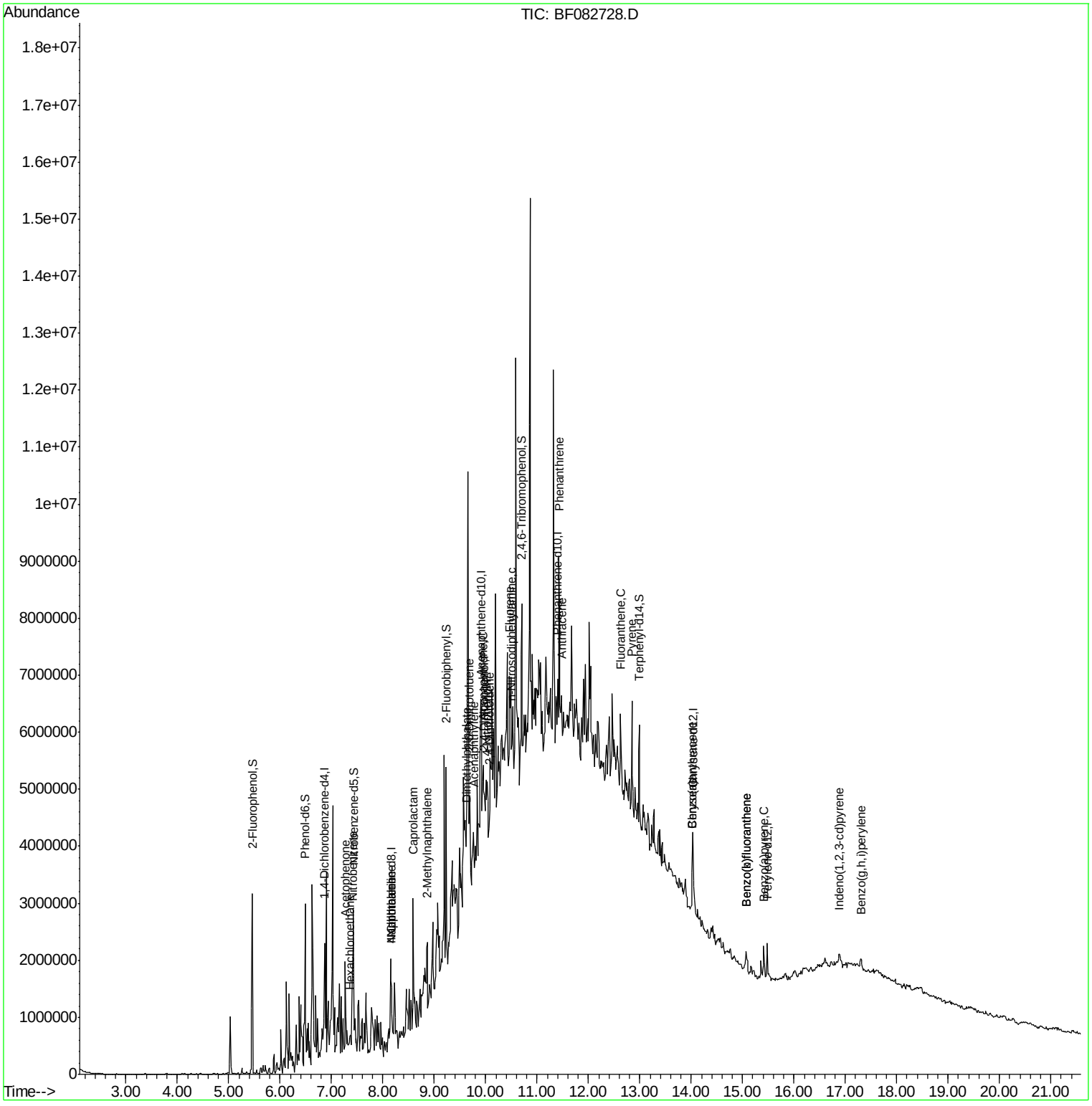
(#) = qualifier out of range (m) = manual integration (+) = signals summed

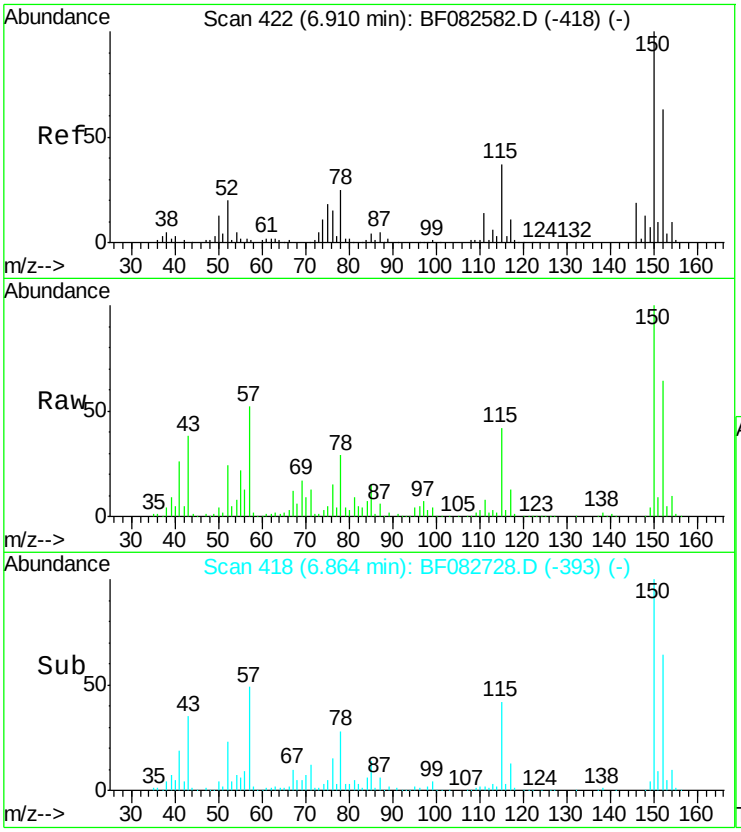
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
Data File : BF082728.D
Acq On : 5 Nov 2015 14:38
Operator : UM/IZ
Sample : G4241-01DL 2X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Quant Time: Nov 06 01:12:45 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



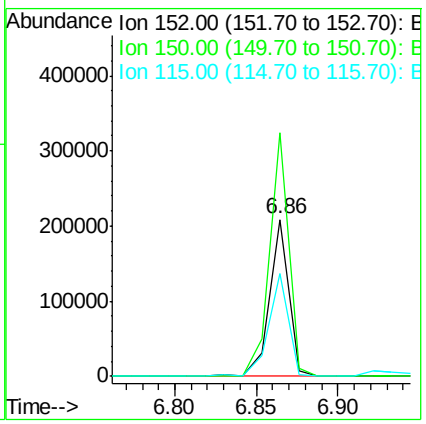


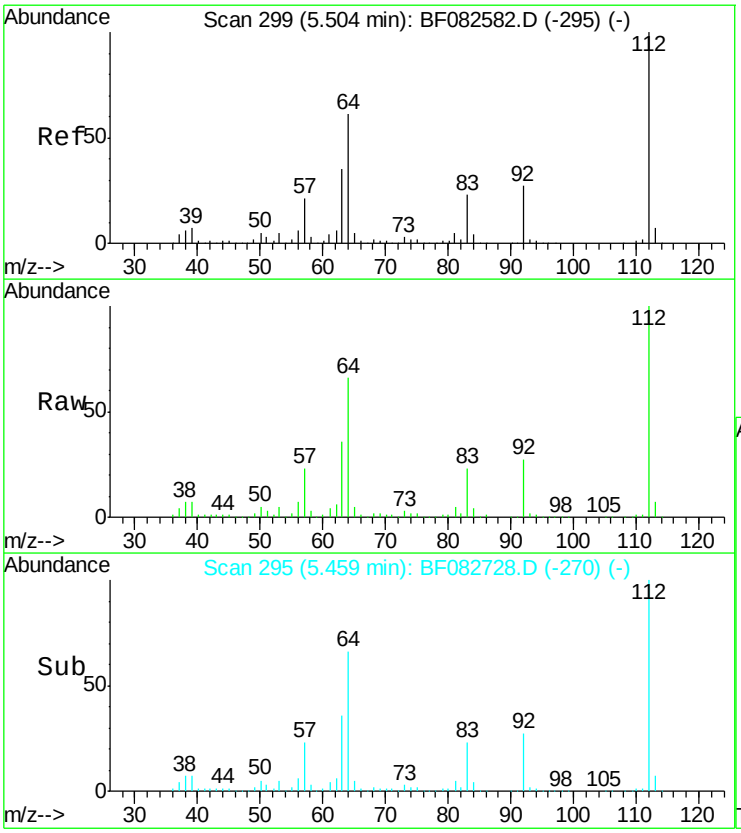
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:152 Resp: 171361

Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.0	190.4
115	65.1	47.0	70.6

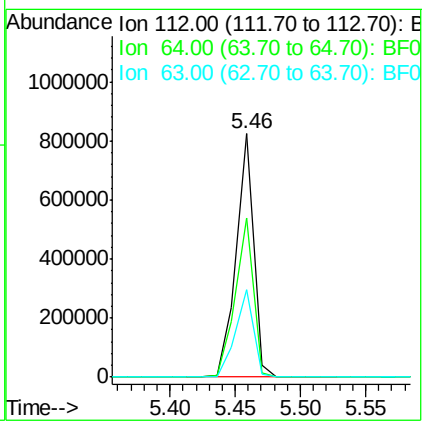


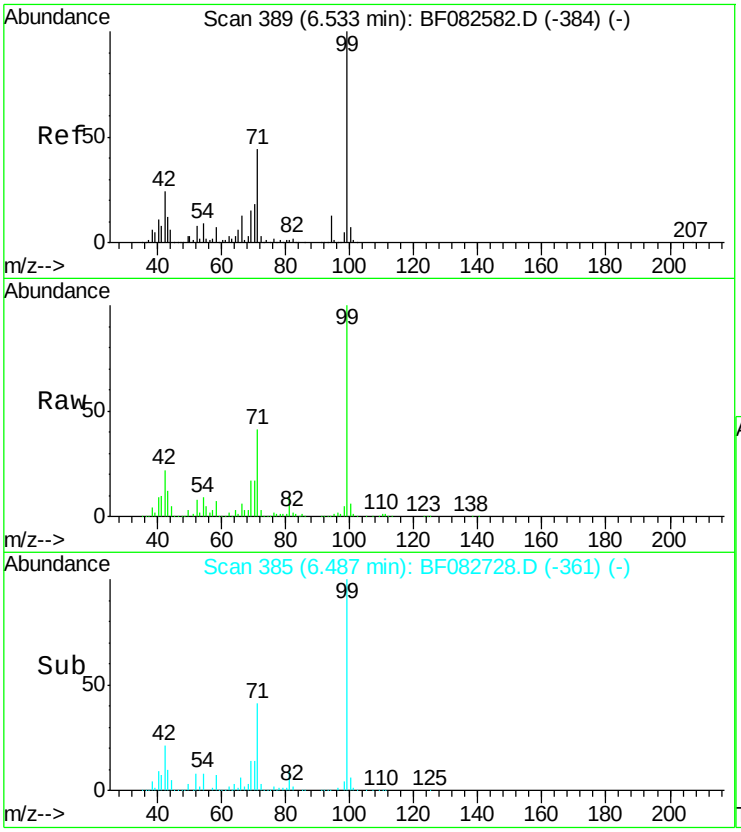


#5
2-Fluorophenol
Concen: 66.82 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.01 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:112 Resp: 760221

Ion	Ratio	Lower	Upper
112	100		
64	65.5	48.9	73.3
63	35.9	28.1	42.1



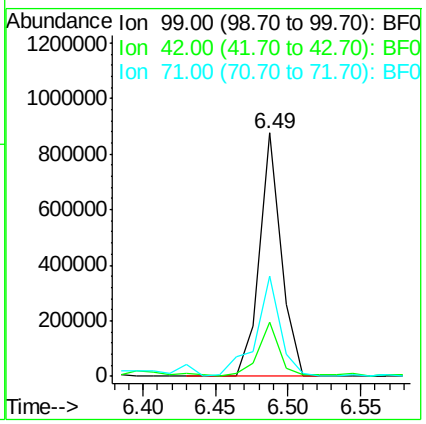


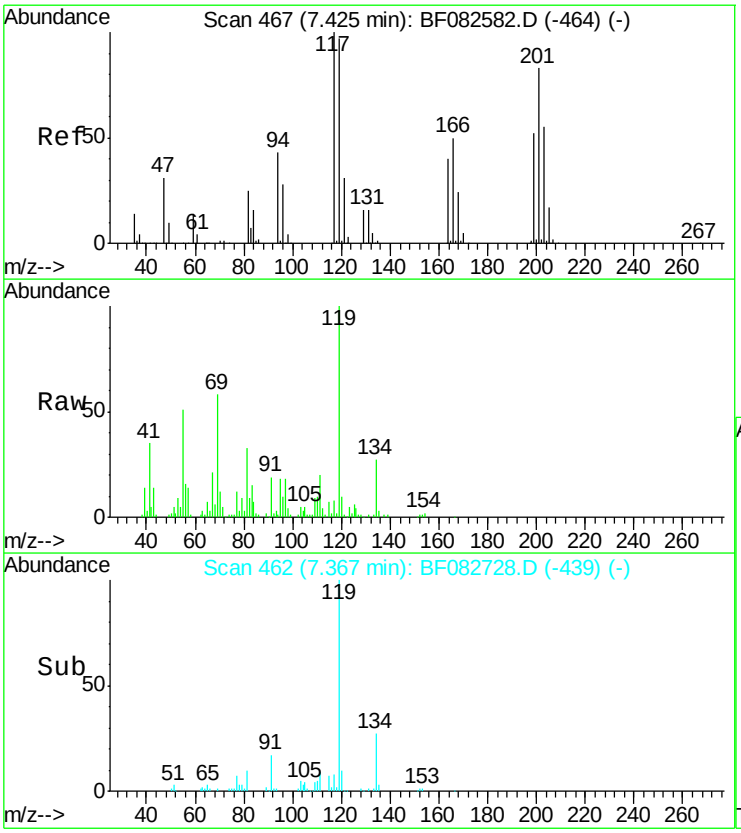
#7
Phenol-d6
Concen: 60.12 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion: 99 Resp: 908720

Ion	Ratio	Lower	Upper
99	100		
42	22.0	19.2	28.8
71	41.3	35.0	52.4

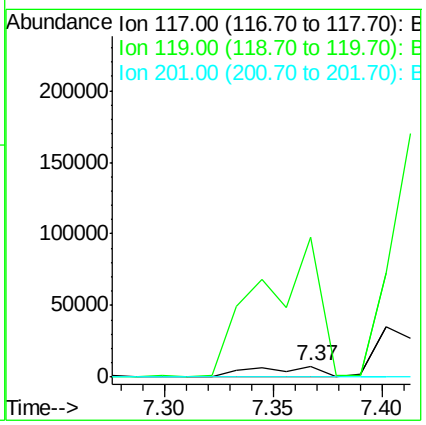


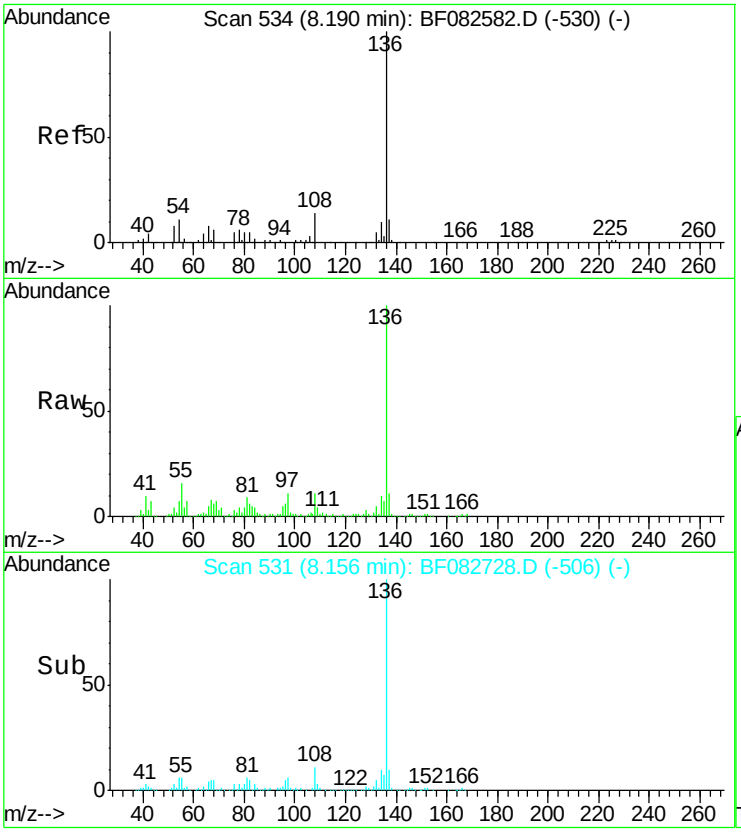


#18
Hexachloroethane
Concen: 3.06 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:117 Resp: 16612

Ion	Ratio	Lower	Upper
117	100		
119	1285.6	77.7	116.5#
201	0.0	66.7	100.1#



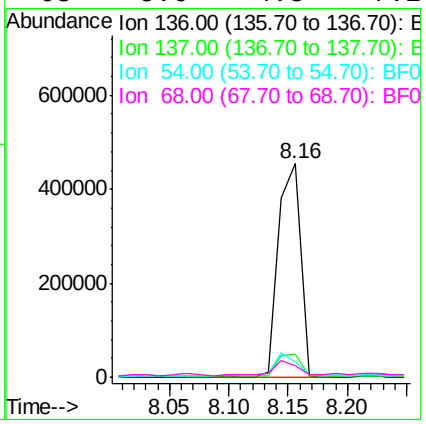


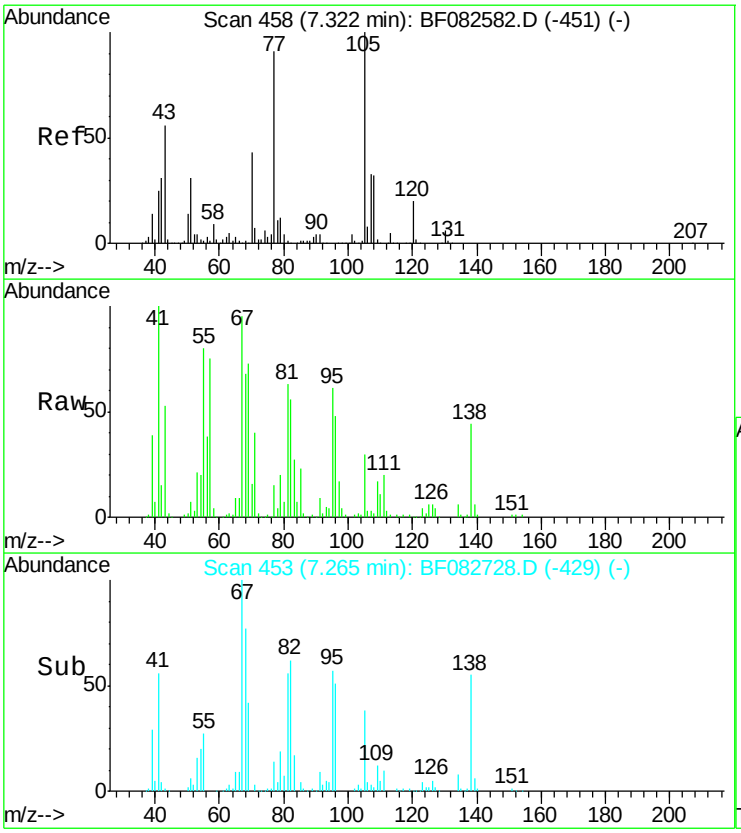
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:136 Resp: 582693

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.3	9.1	13.7#
68	5.6	4.8	7.2

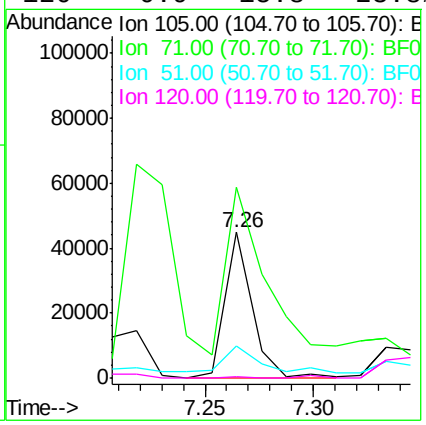


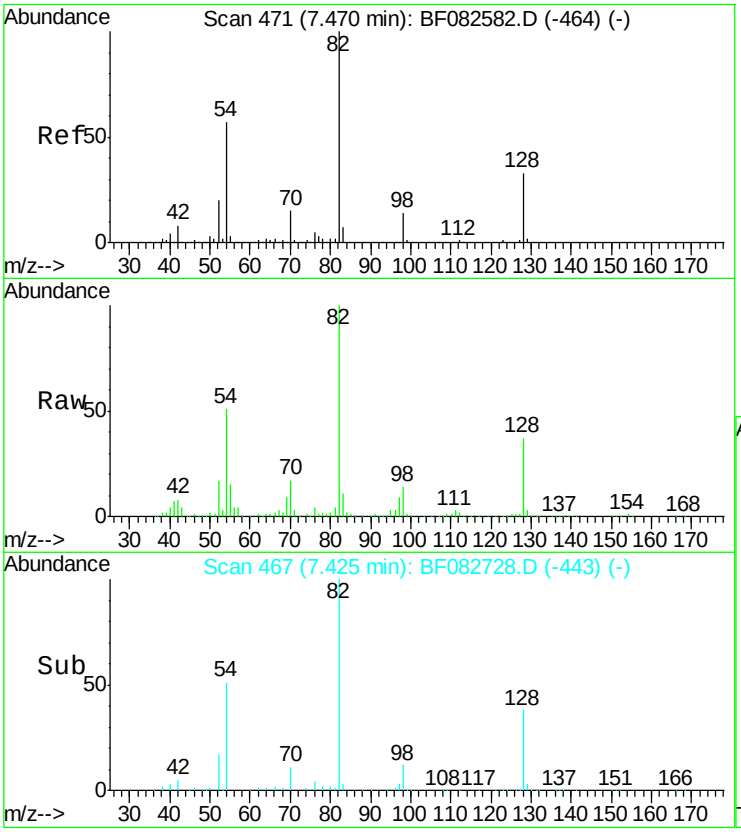


#22
Acetophenone
Concen: 2.27 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:105 Resp: 38946

Ion	Ratio	Lower	Upper
105	100		
71	131.2	5.6	8.4#
51	21.8	24.9	37.3#
120	0.9	15.8	23.8#



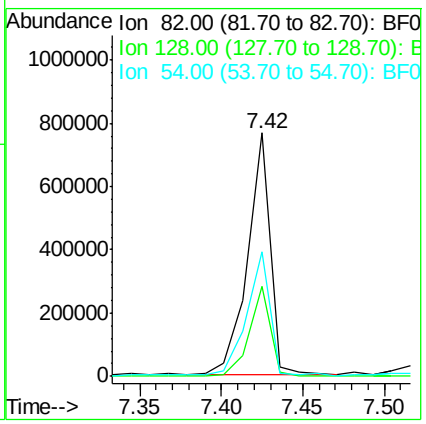


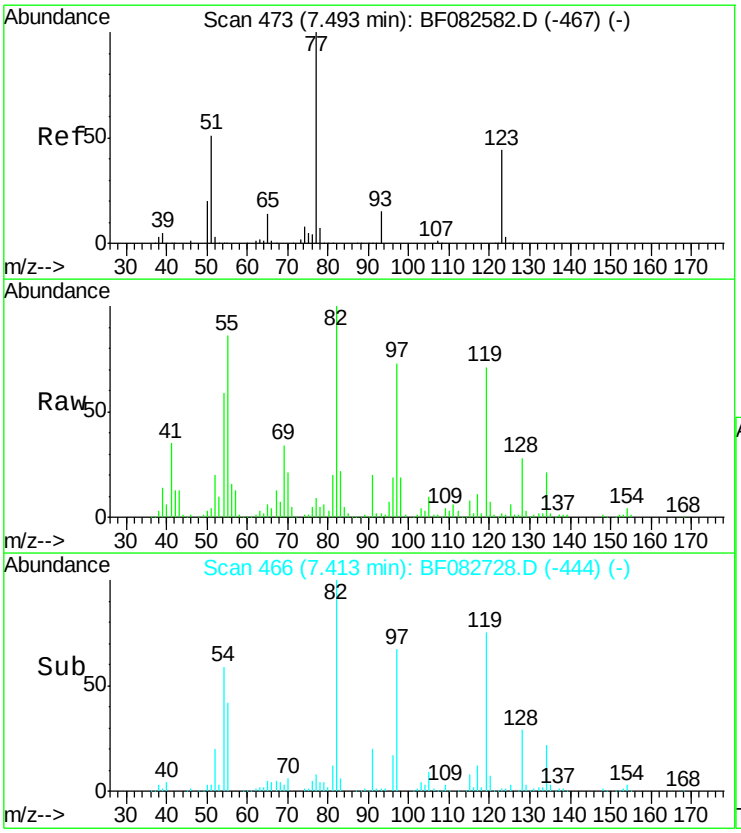
#23
Nitrobenzene-d5
Concen: 51.86 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion: 82 Resp: 739964

Ion	Ratio	Lower	Upper
82	100		
128	36.9	26.8	40.2
54	50.9	45.7	68.5

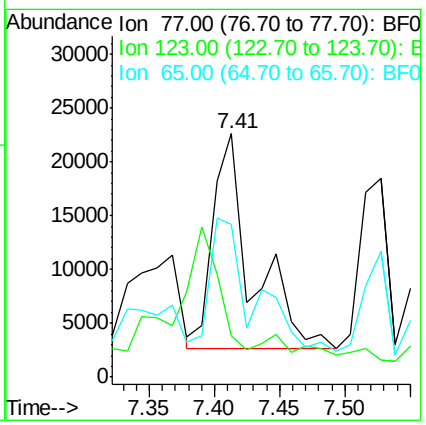


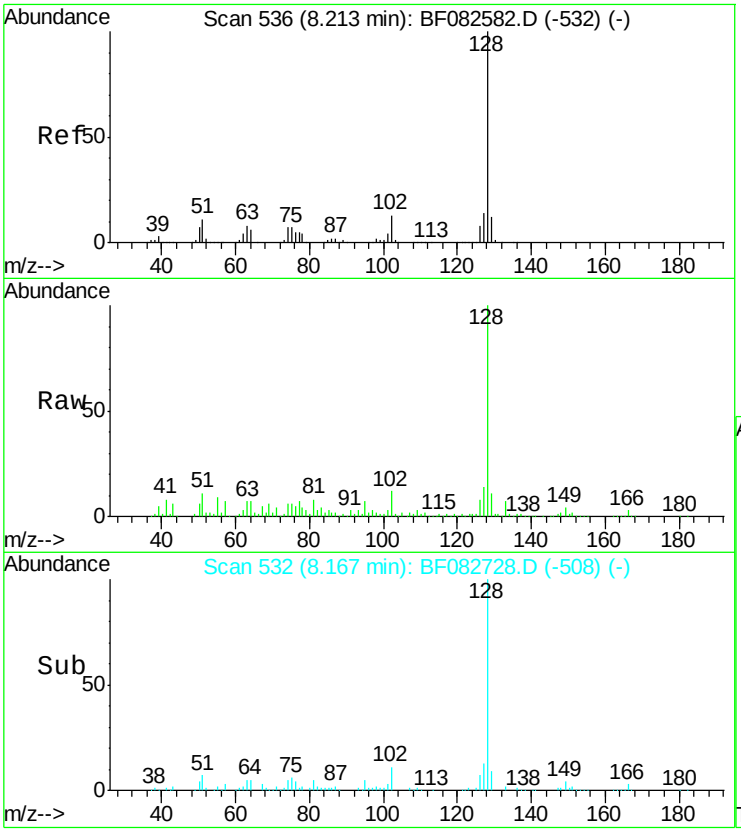


#24
Nitrobenzene
Concen: 2.89 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.05 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion: 77 Resp: 41619

Ion	Ratio	Lower	Upper
77	100		
123	16.8	36.4	54.6#
65	62.7	11.5	17.3#



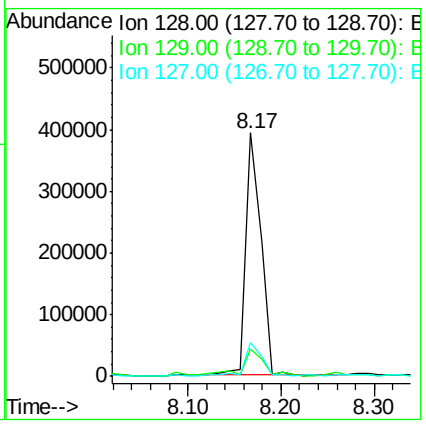


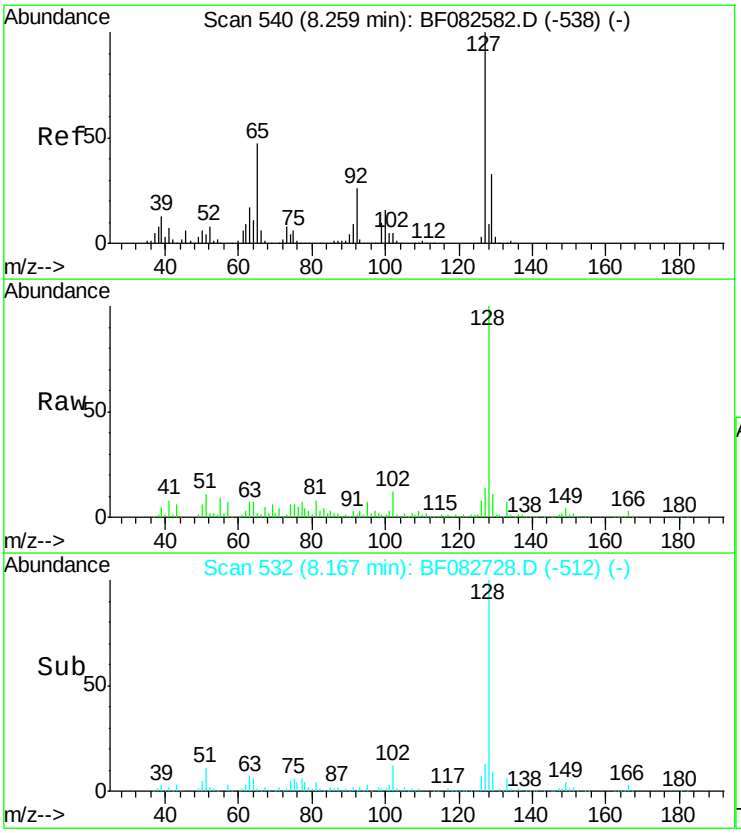
#31
Naphthalene
Concen: 13.93 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:128 Resp: 439224

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.6	11.4	17.0

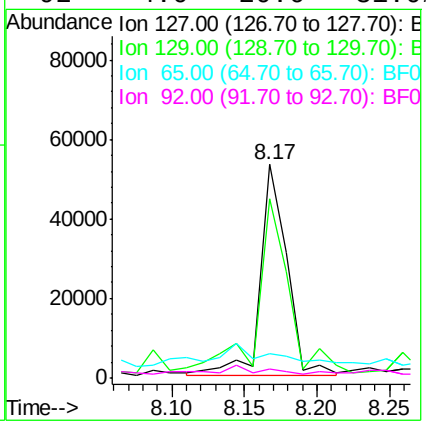


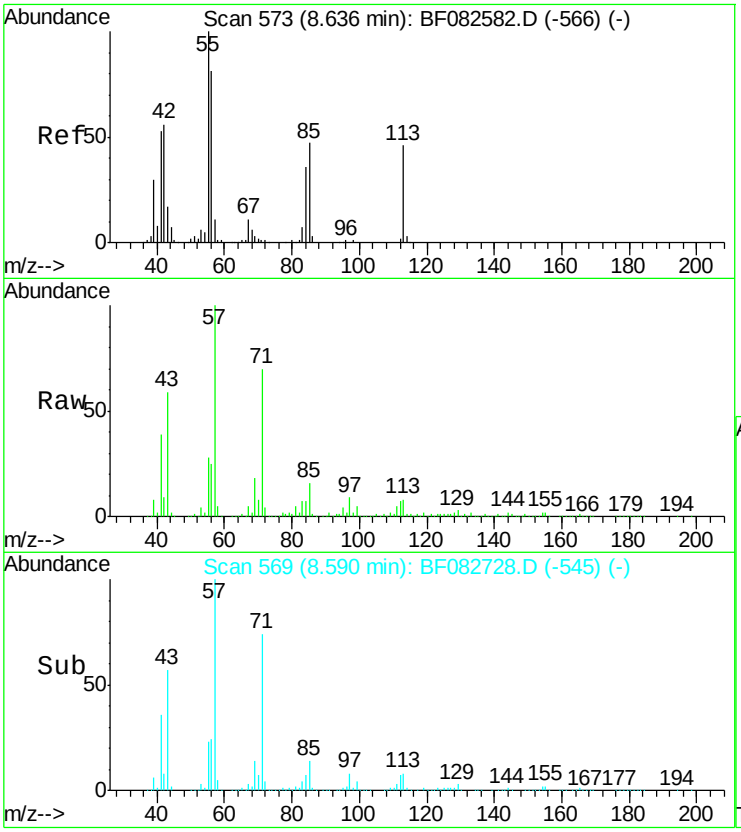


#33
4-Chloroaniline
Concen: 4.98 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.07 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:127 Resp: 67096

Ion	Ratio	Lower	Upper
127	100		
129	83.9	26.3	39.5#
65	11.4	37.8	56.8#
92	4.0	20.6	31.0#



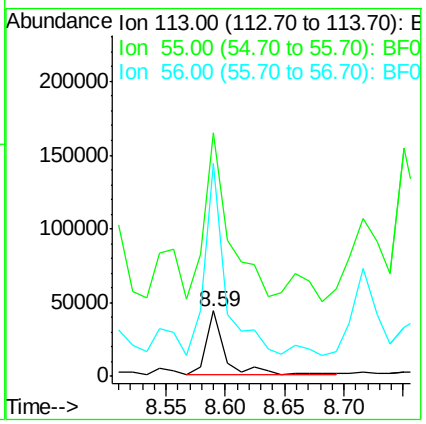


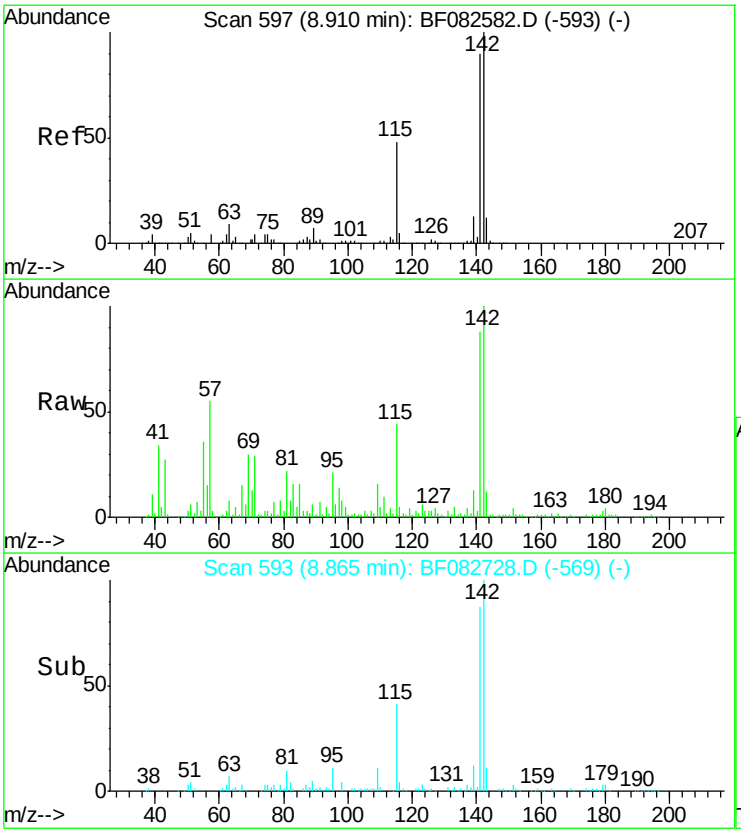
#35
Caprolactam
Concen: 16.65 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:113 Resp: 47884

Ion	Ratio	Lower	Upper
113	100		
55	372.1	195.5	235.5#
56	324.6	153.5	193.5#

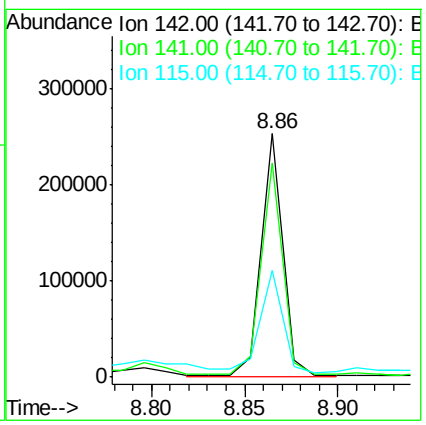


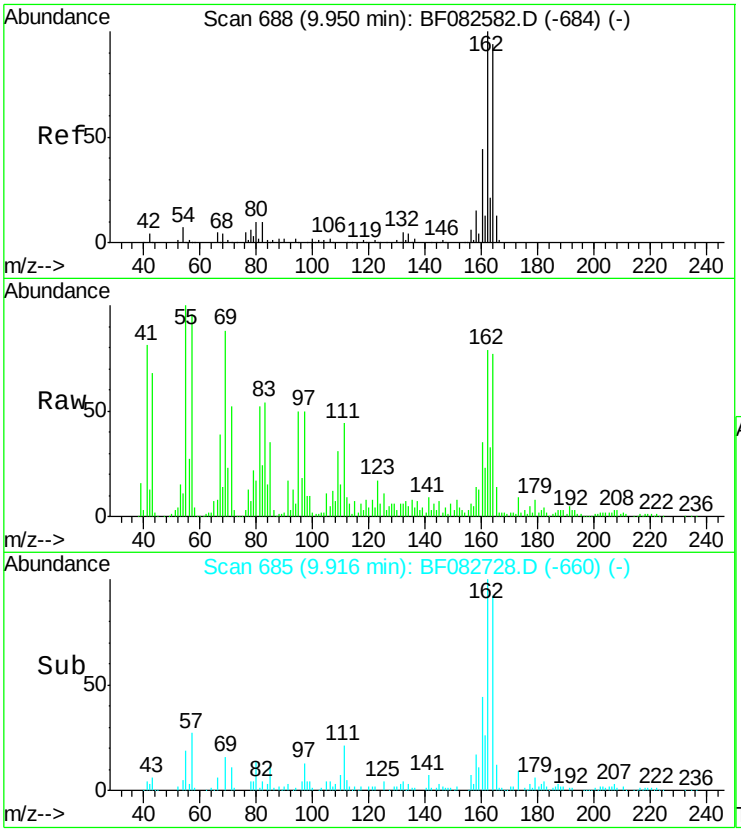


#37
2-Methylnaphthalene
Concen: 9.73 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:142 Resp: 198787

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.3	108.5
115	43.9	38.1	57.1



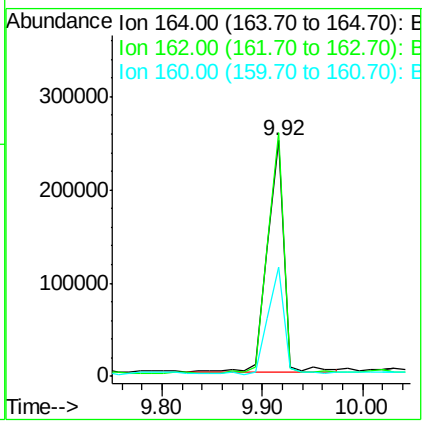


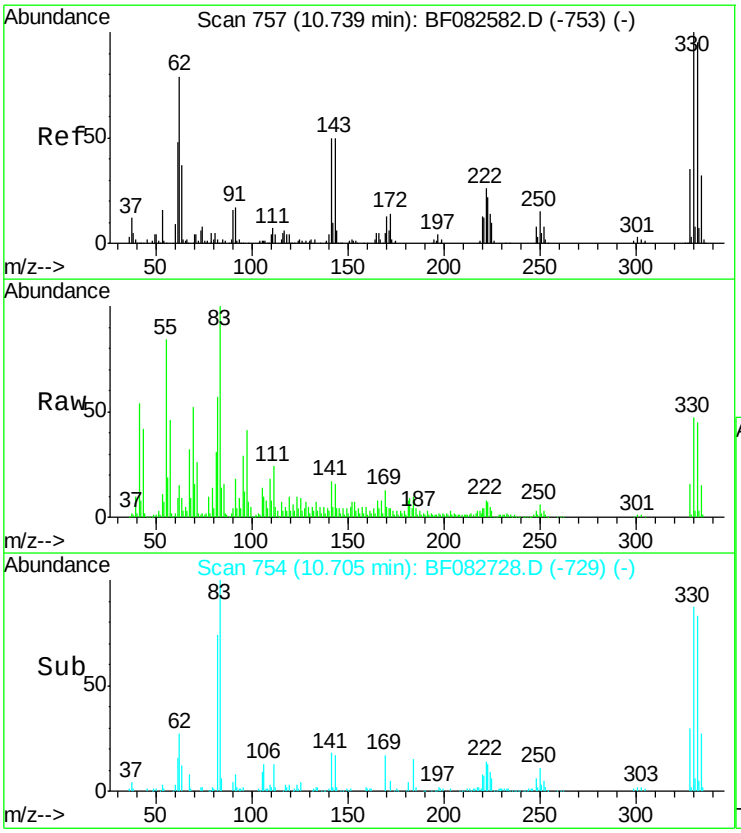
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:164 Resp: 281537

Ion	Ratio	Lower	Upper
164	100		
162	103.2	84.9	127.3
160	46.2	37.5	56.3

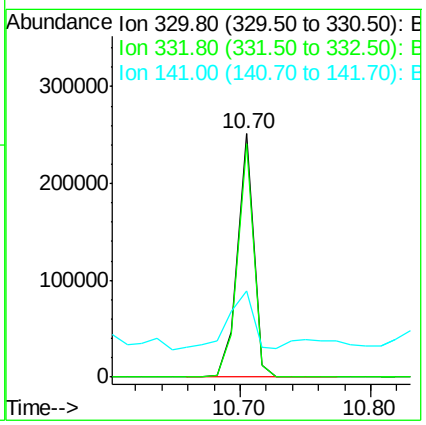


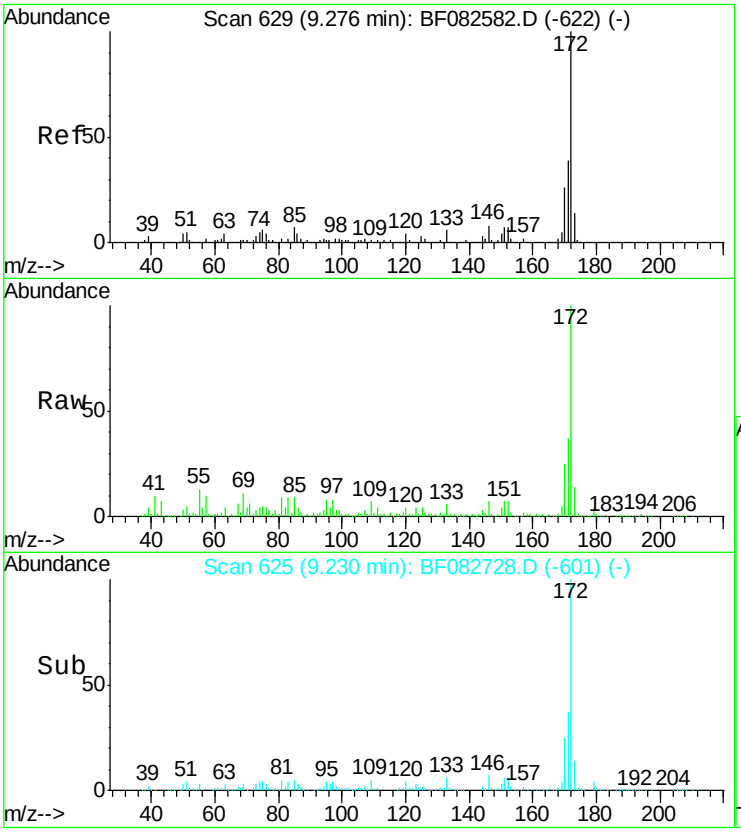


#41
2,4,6-Tribromophenol
Concen: 69.71 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:330 Resp: 214801

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	34.6	41.2	61.8#



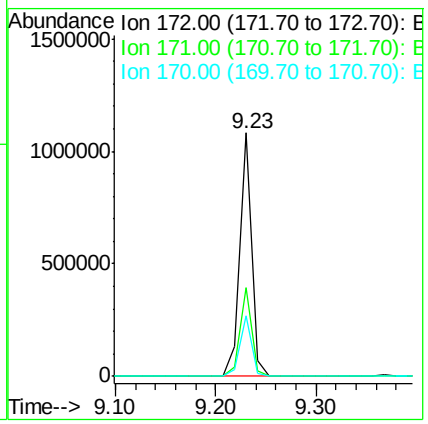


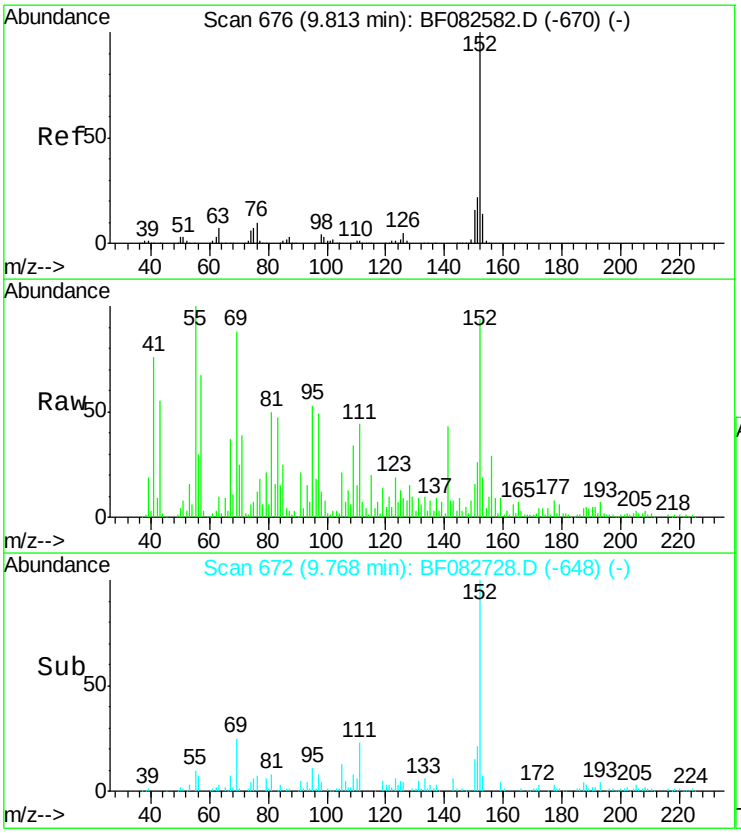
#44
2-Fluorobiphenyl
Concen: 44.88 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:172 Resp: 889926

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	25.0	21.2	31.8

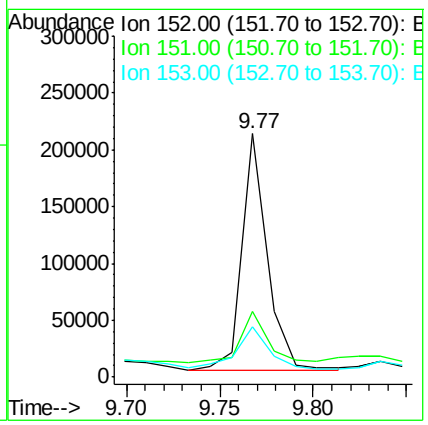


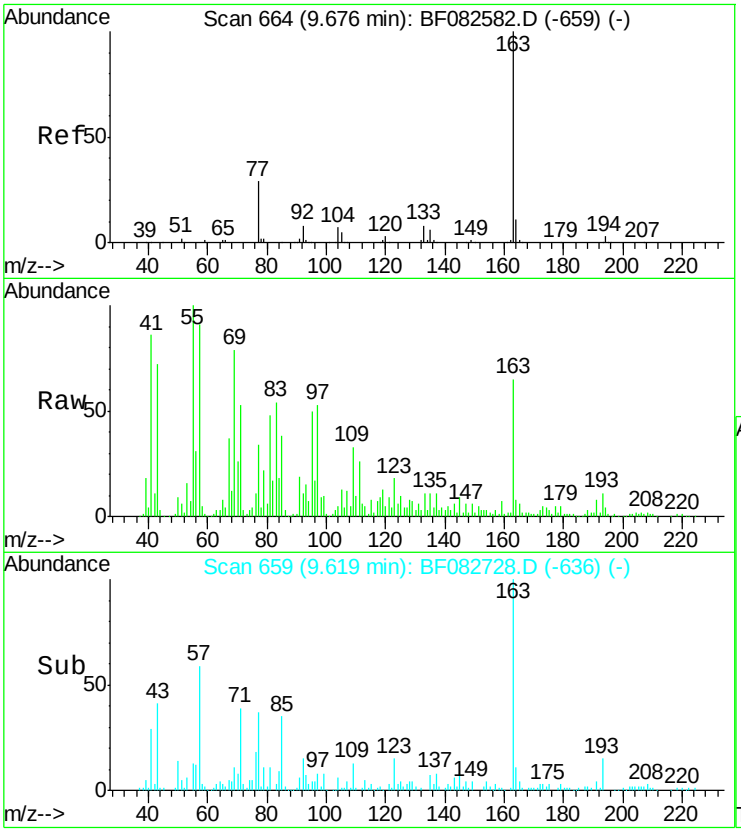


#48
Acenaphthylene
Concen: 6.63 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:152 Resp: 196897

Ion	Ratio	Lower	Upper
152	100		
151	27.1	17.3	25.9#
153	20.6	11.3	16.9#



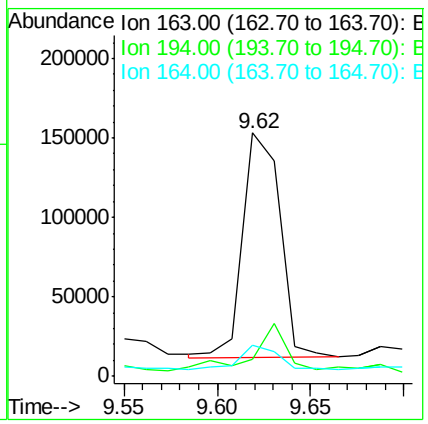


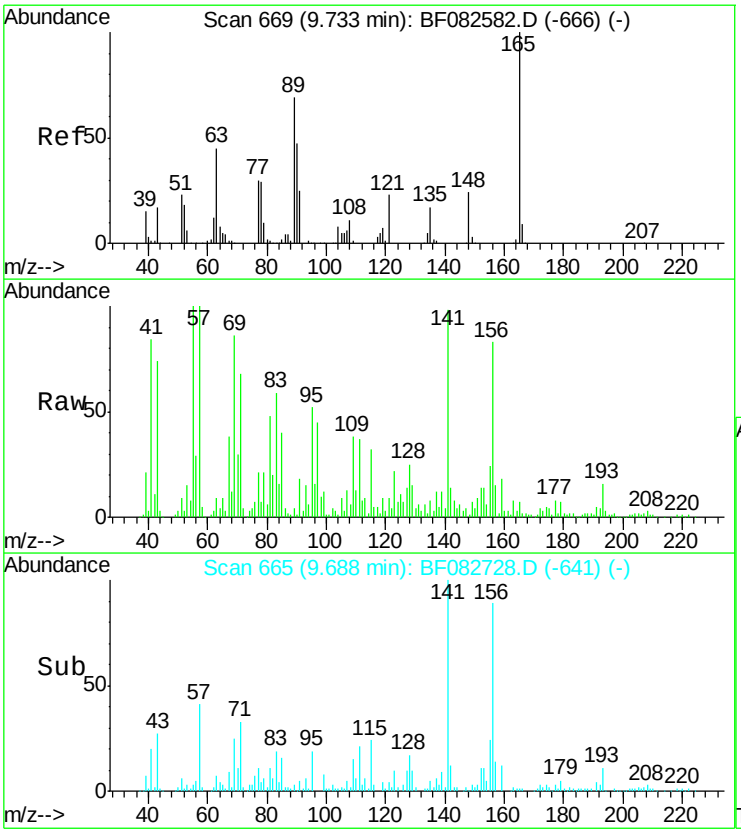
#49
Dimethylphthalate
Concen: 8.60 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:163 Resp: 197735

Ion	Ratio	Lower	Upper
163	100		
194	6.8	2.6	4.0#
164	12.7	8.7	13.1

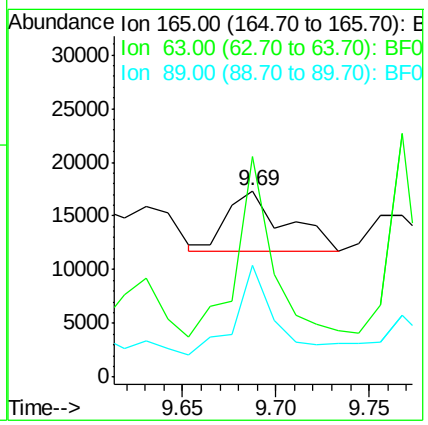


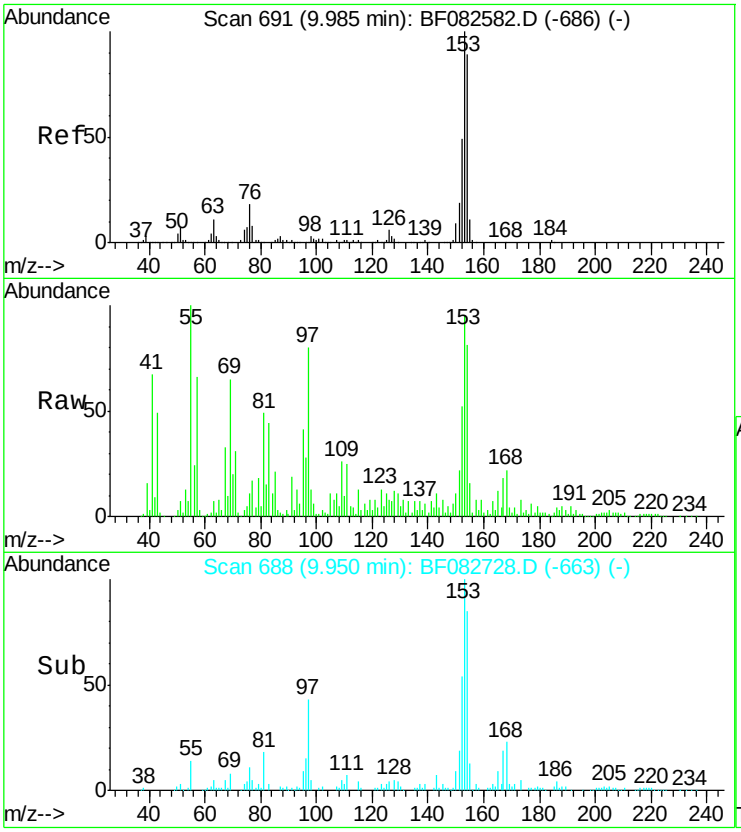


#50
2,6-Dinitrotoluene
Concen: 2.53 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:165 Resp: 12077

Ion	Ratio	Lower	Upper
165	100		
63	118.6	55.5	83.3#
89	59.9	55.0	82.6



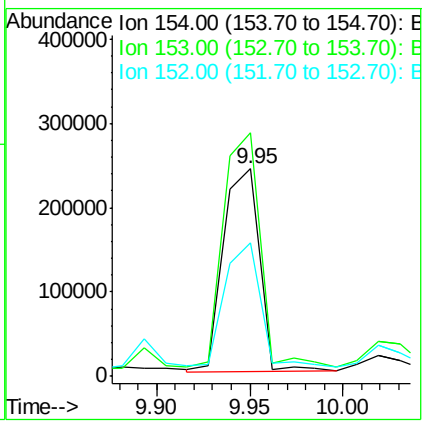


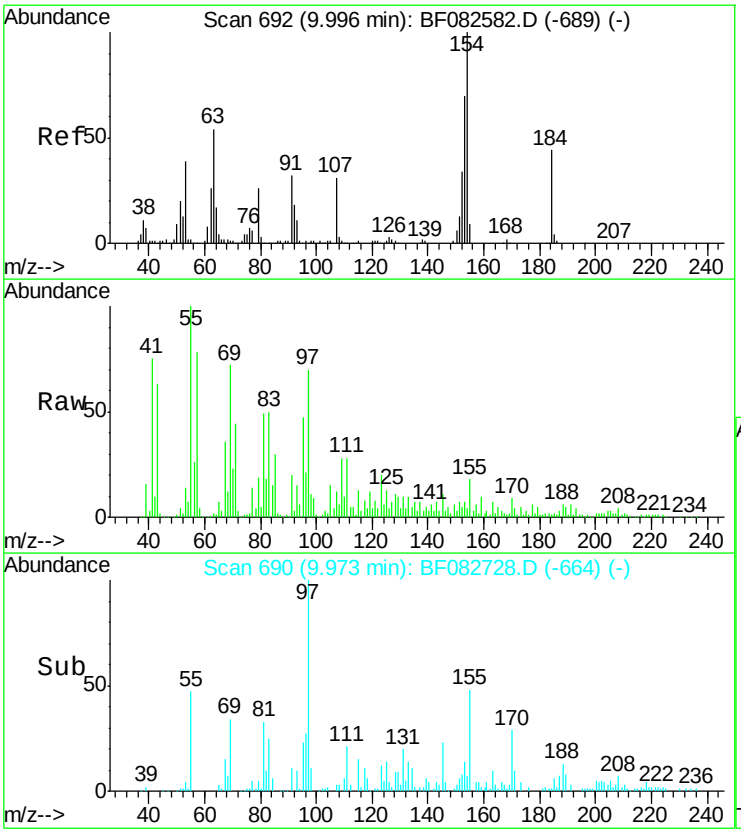
#51
Acenaphthene
Concen: 17.27 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:154 Resp: 325707

Ion	Ratio	Lower	Upper
154	100		
153	117.2	90.1	135.1
152	64.3	44.3	66.5

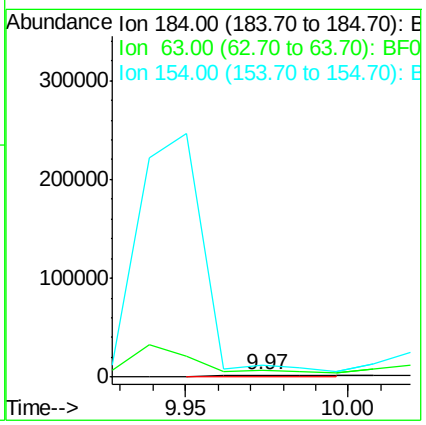


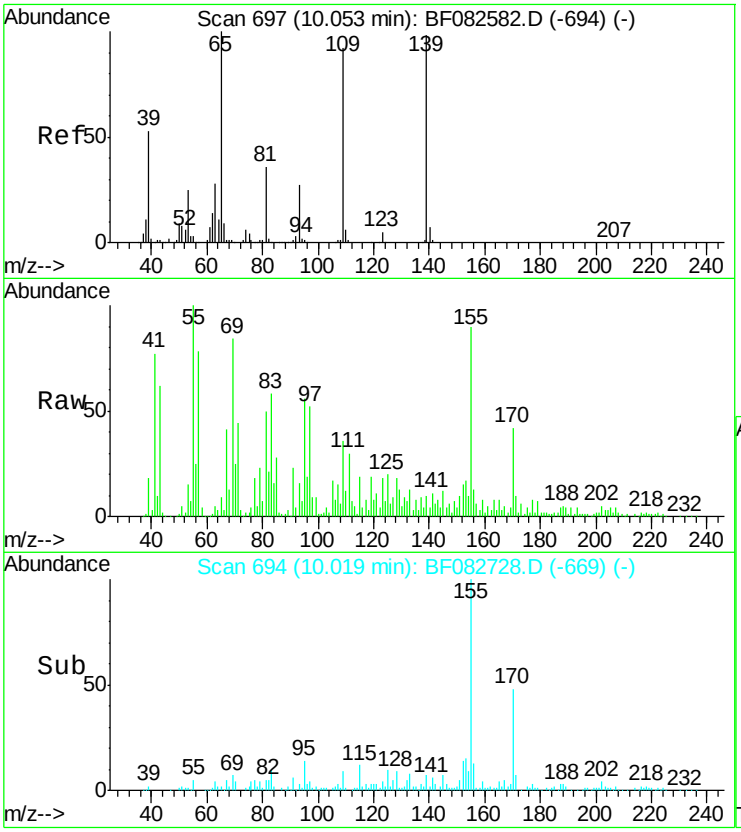


#53
2,4-Dinitrophenol
Concen: 7.41 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:184 Resp: 1978

Ion	Ratio	Lower	Upper
184	100		
63	365.7	98.6	148.0#
154	613.8	183.9	275.9#



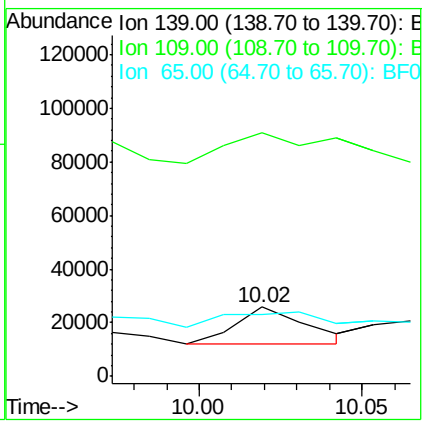


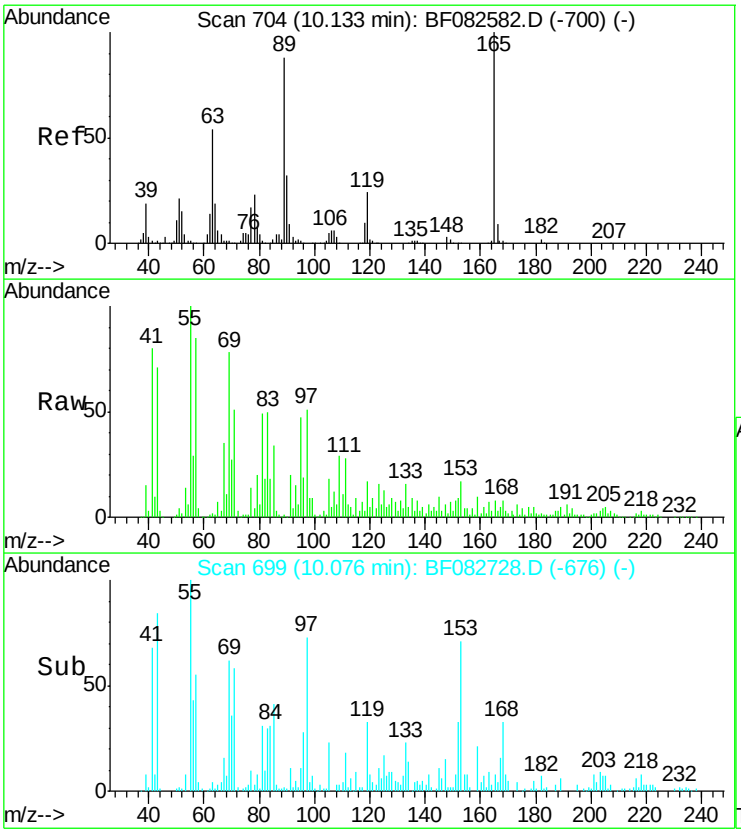
#55
4-Nitrophenol
Concen: 5.08 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:139 Resp: 20280

Ion	Ratio	Lower	Upper
139	100		
109	351.9	73.7	113.7#
65	89.6	82.9	122.9

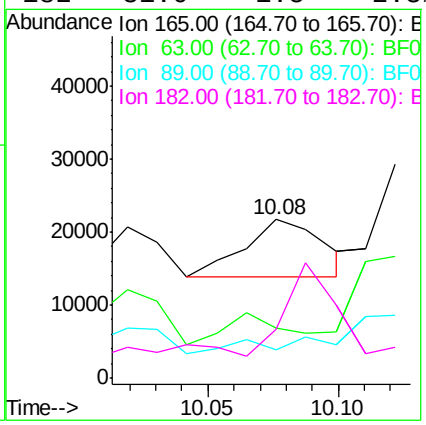


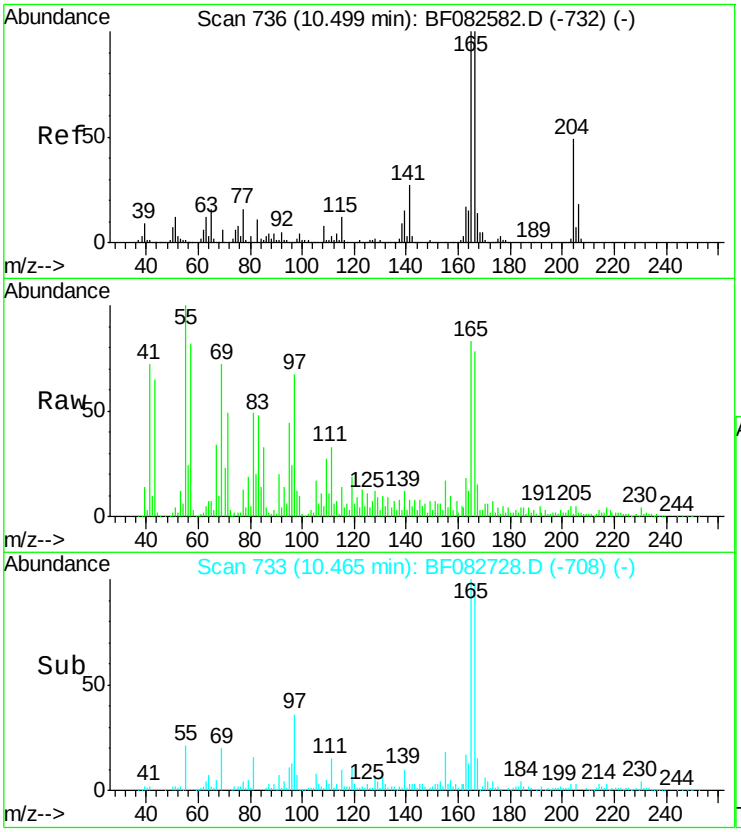


#56
2,4-Dinitrotoluene
Concen: 2.57 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:165 Resp: 16538

Ion	Ratio	Lower	Upper
165	100		
63	31.9	43.4	65.0#
89	18.1	70.6	106.0#
182	31.0	1.5	2.3#



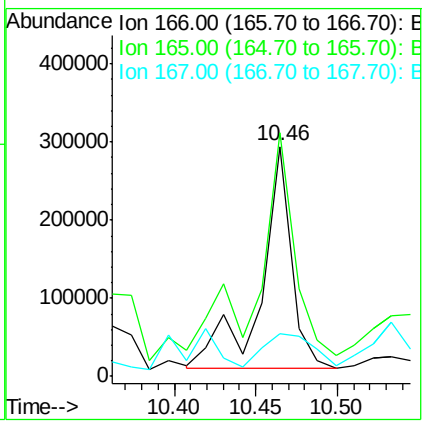


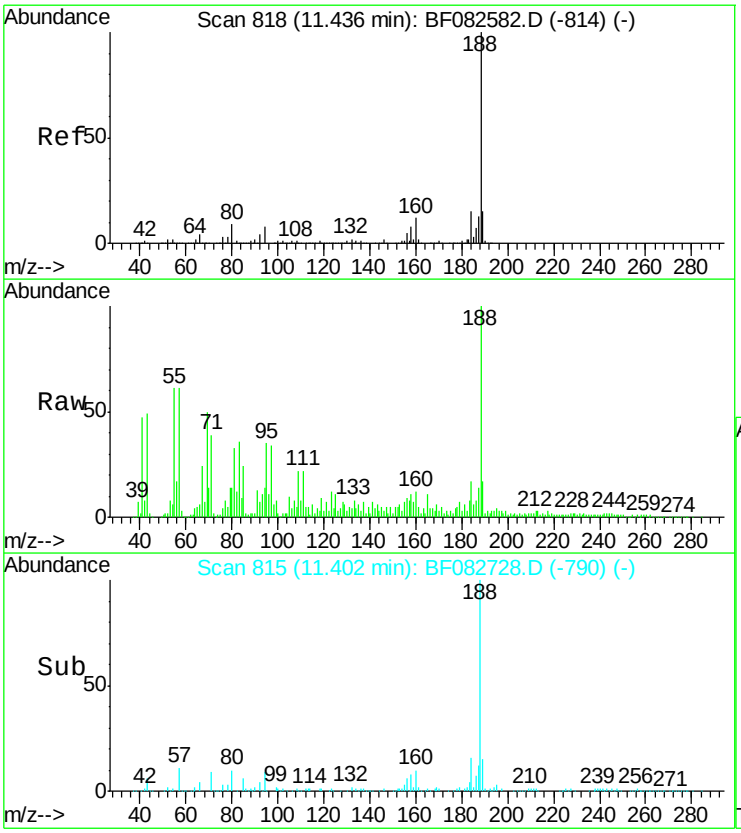
#57
Fluorene
Concen: 18.03 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:166 Resp: 372034

Ion	Ratio	Lower	Upper
166	100		
165	105.8	80.2	120.4
167	18.8	11.2	16.8#

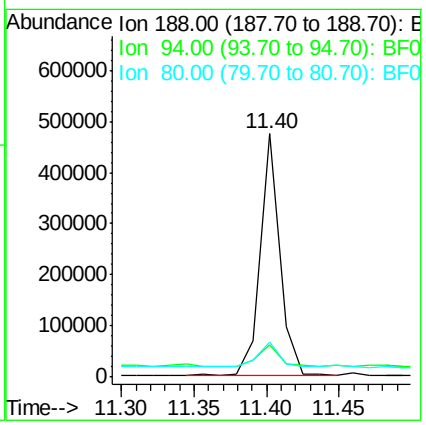


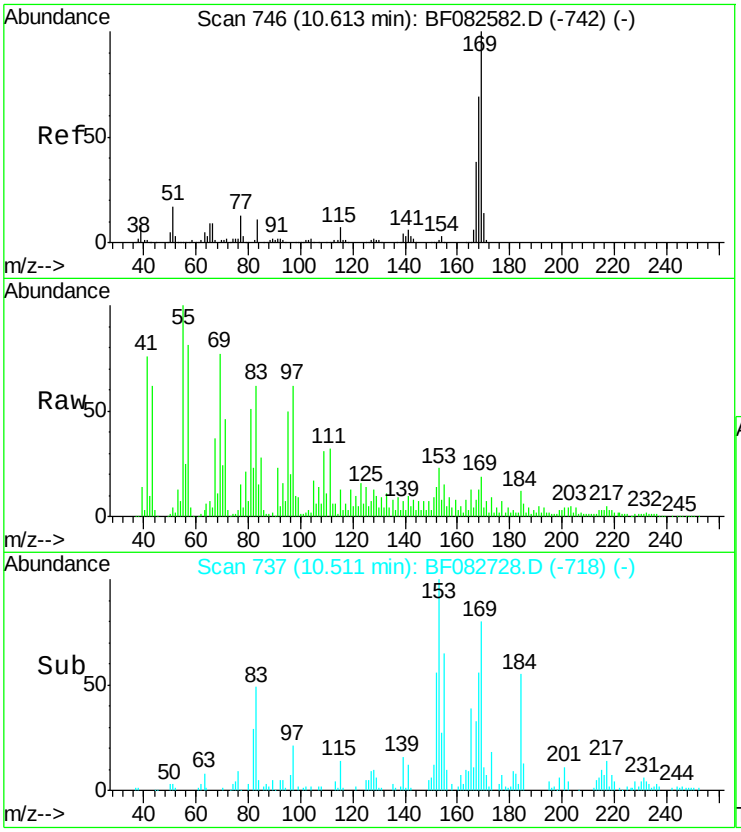


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:188 Resp: 439125

Ion	Ratio	Lower	Upper
188	100		
94	13.5	6.1	9.1#
80	14.2	7.0	10.6#



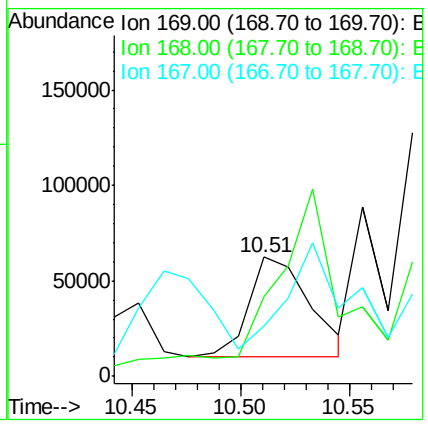


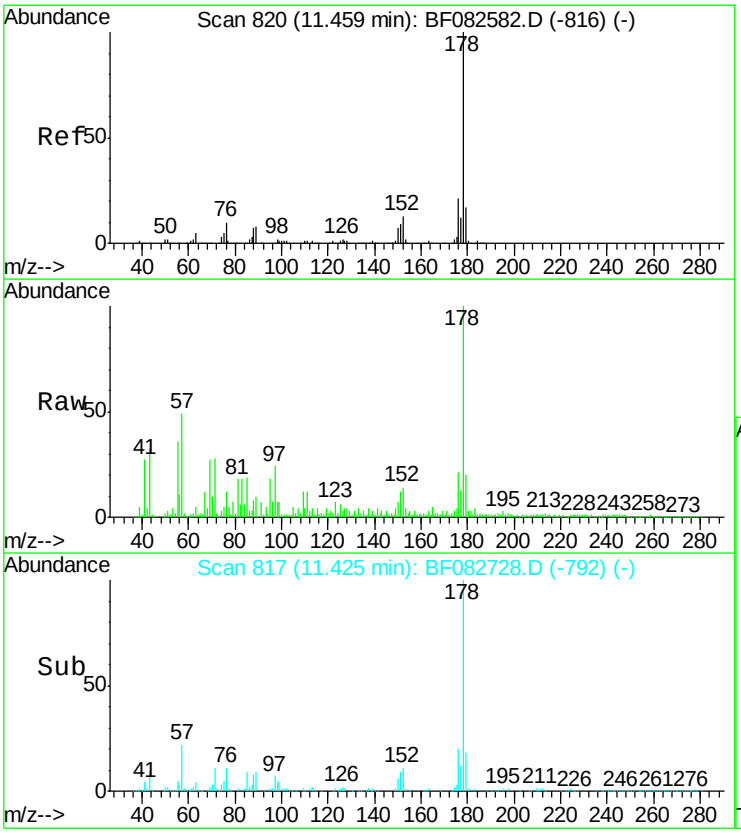
#65
n-Nitrosodiphenylamine
Concen: 6.81 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:169 Resp: 102731

Ion	Ratio	Lower	Upper
169	100		
168	67.0	55.0	82.6
167	41.9	30.5	45.7

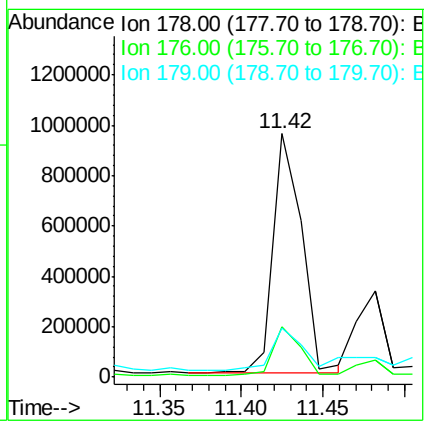


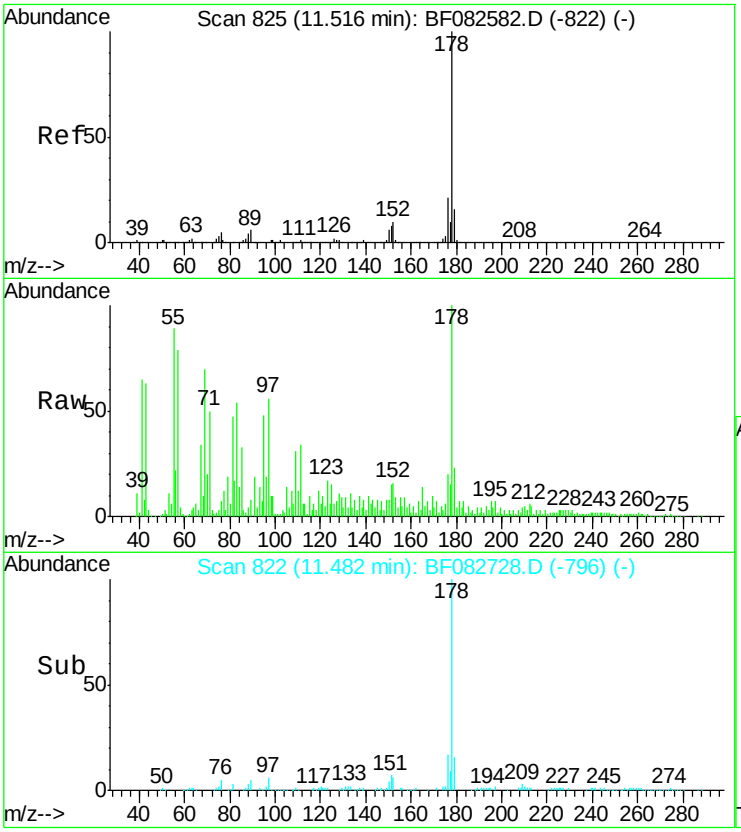


#70
Phenanthrene
Concen: 47.06 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:178 Resp: 1165514

Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.0	25.4
179	20.2	13.4	20.0#



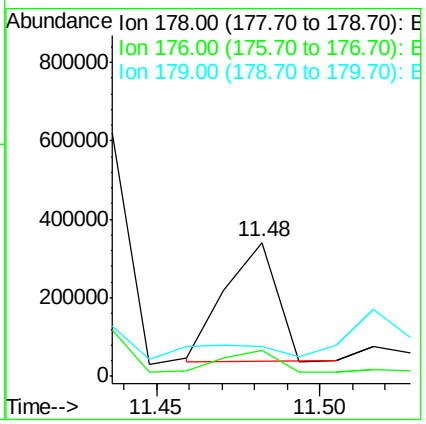


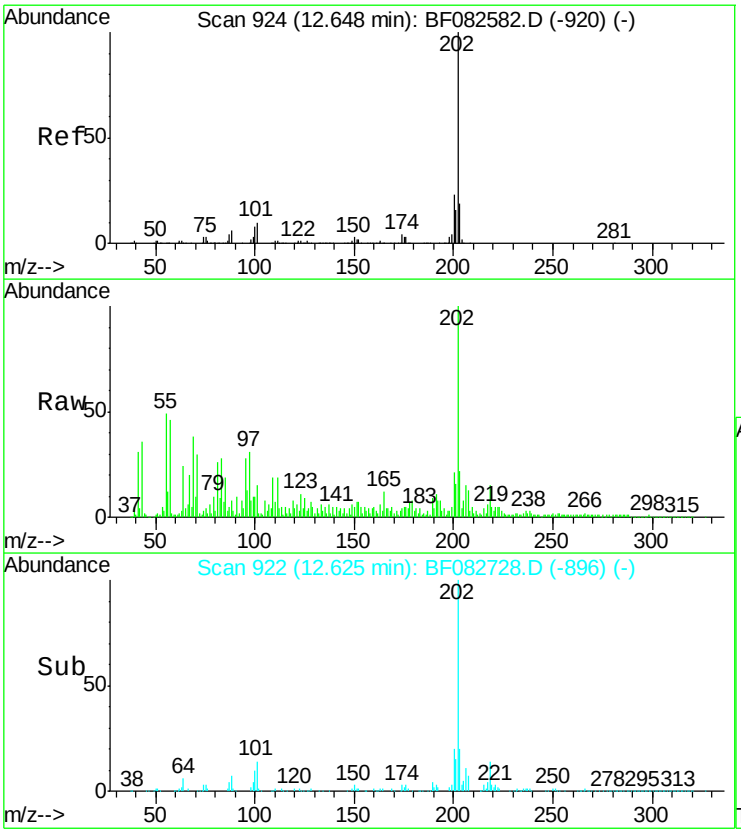
#71
Anthracene
Concen: 13.32 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:178 Resp: 332048

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	22.7	13.2	19.8#

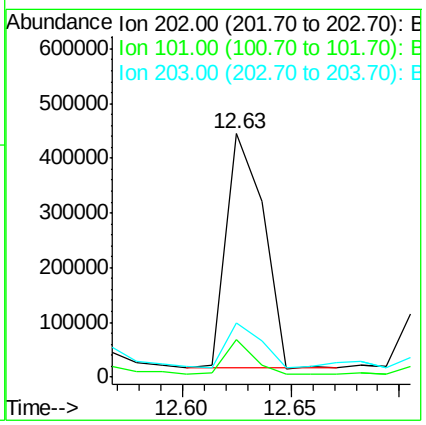


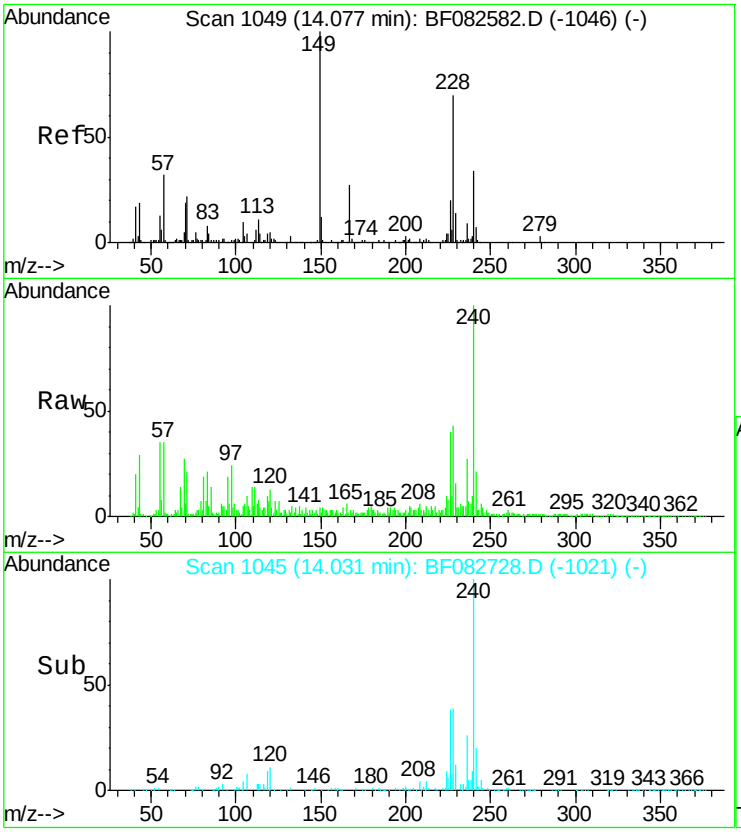


#74
Fluoranthene
Concen: 20.24 ng
RT: 12.63 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:202 Resp: 512413

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	30.5
203	22.2	0.0	38.5



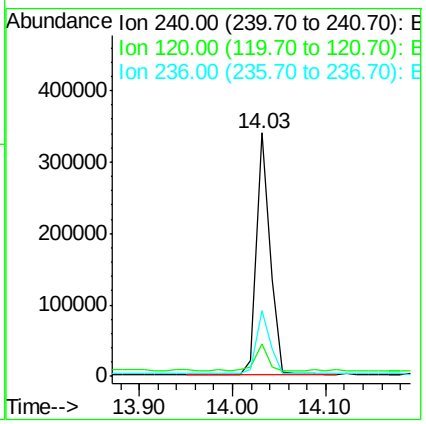


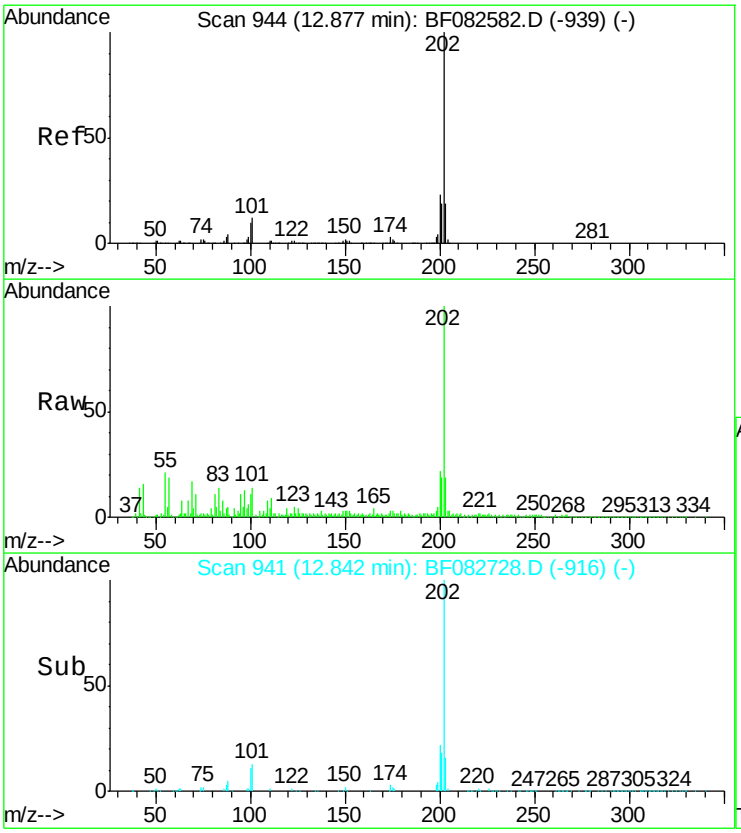
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:240 Resp: 344971

Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.9	16.3
236	27.2	21.6	32.4

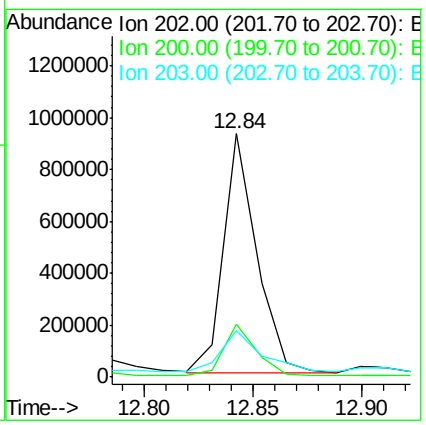


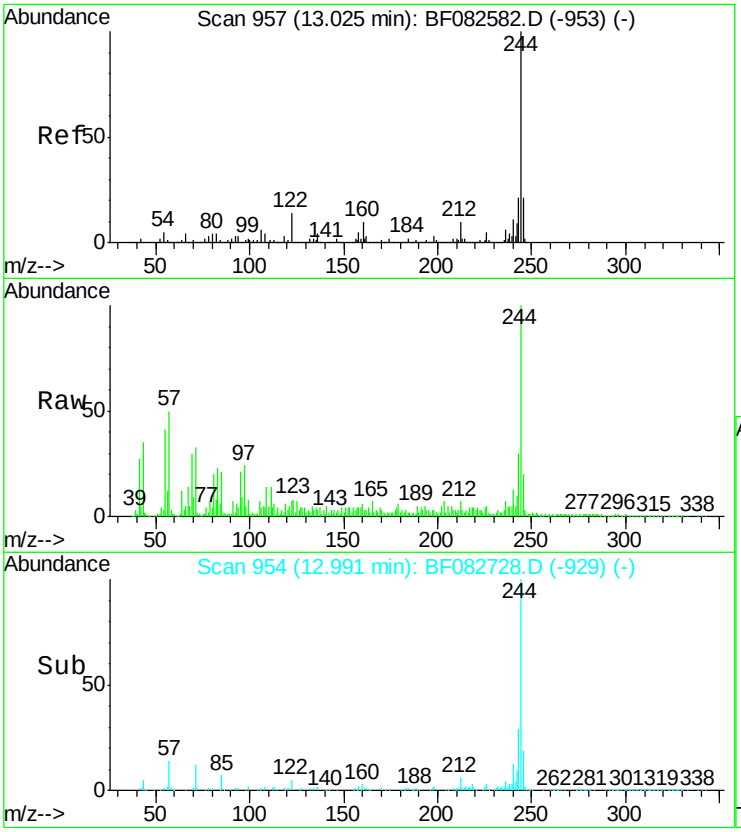


#77
Pyrene
Concen: 38.16 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:202 Resp: 974805

Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.7	28.1
203	19.2	14.8	22.2



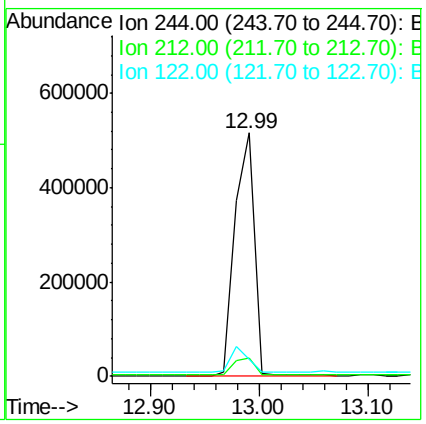


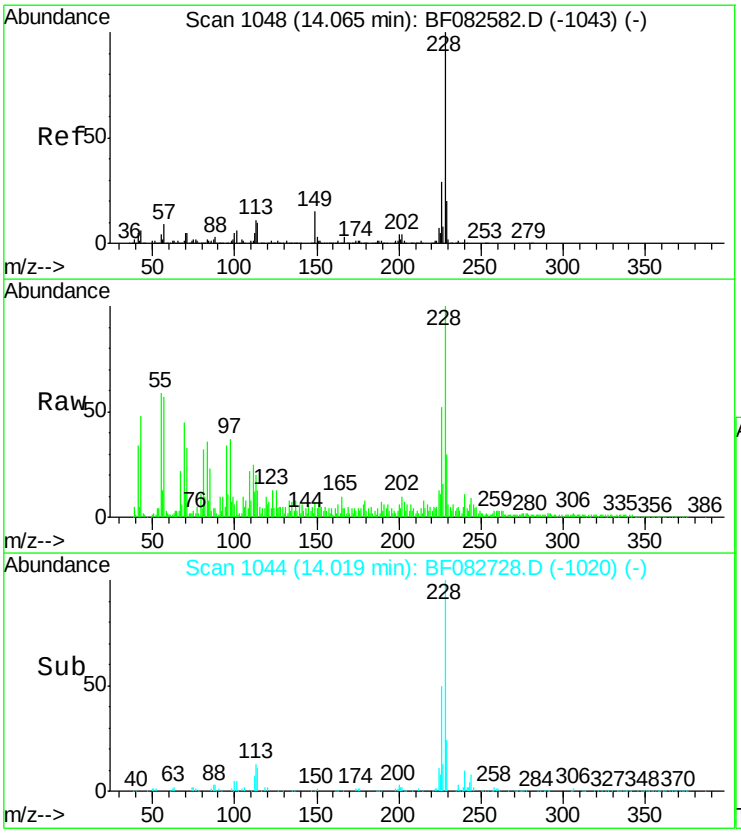
#78
Terphenyl-d14
Concen: 39.33 ng
RT: 12.99 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:244 Resp: 620011

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.6	11.4#
122	7.0	11.3	16.9#

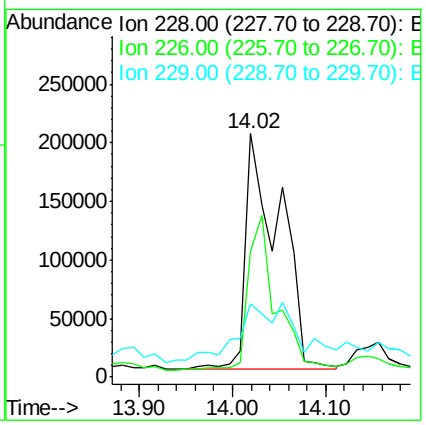


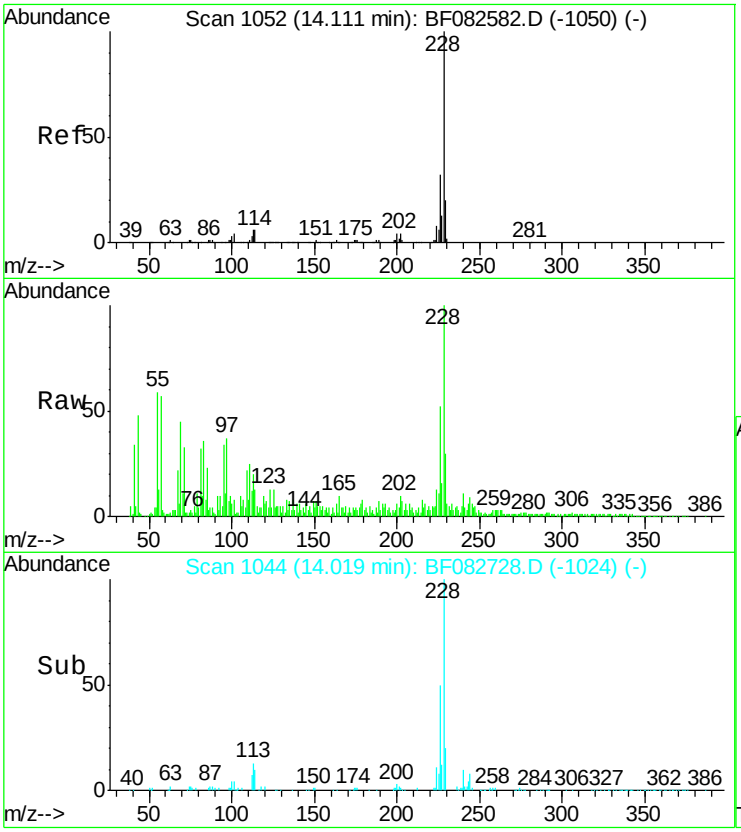


#80
Benzo(a)anthracene
Concen: 23.17 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:228 Resp: 507817

Ion	Ratio	Lower	Upper
228	100		
226	51.5	23.4	35.2#
229	30.3	16.3	24.5#



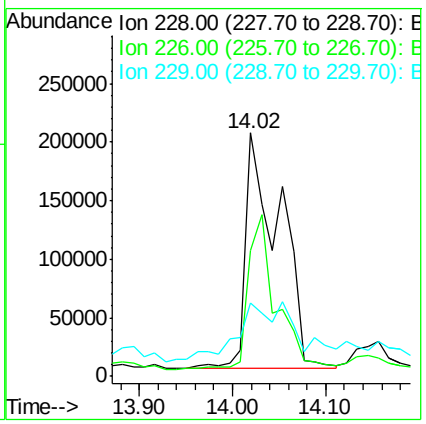


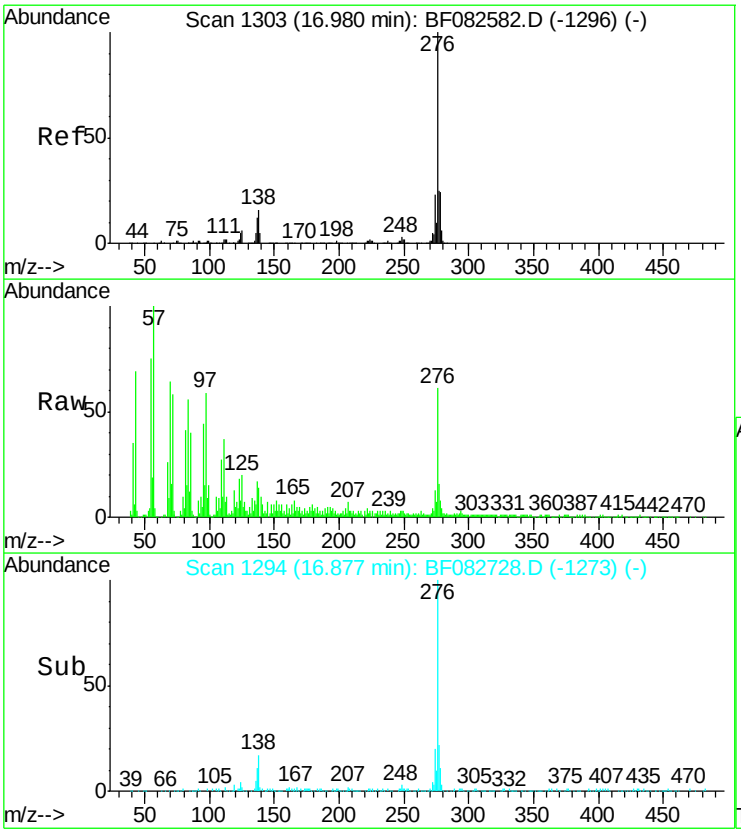
#82
Chrysene
Concen: 25.55 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.07 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:228 Resp: 507558

Ion	Ratio	Lower	Upper
228	100		
226	51.5	25.5	38.3#
229	30.3	16.3	24.5#

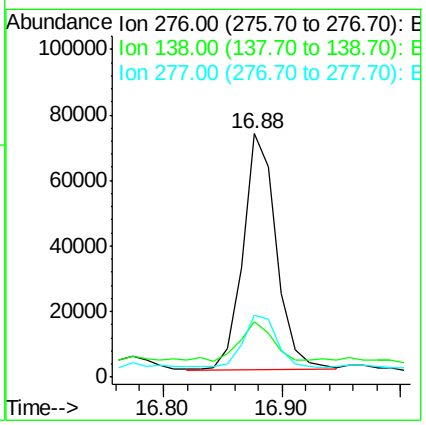


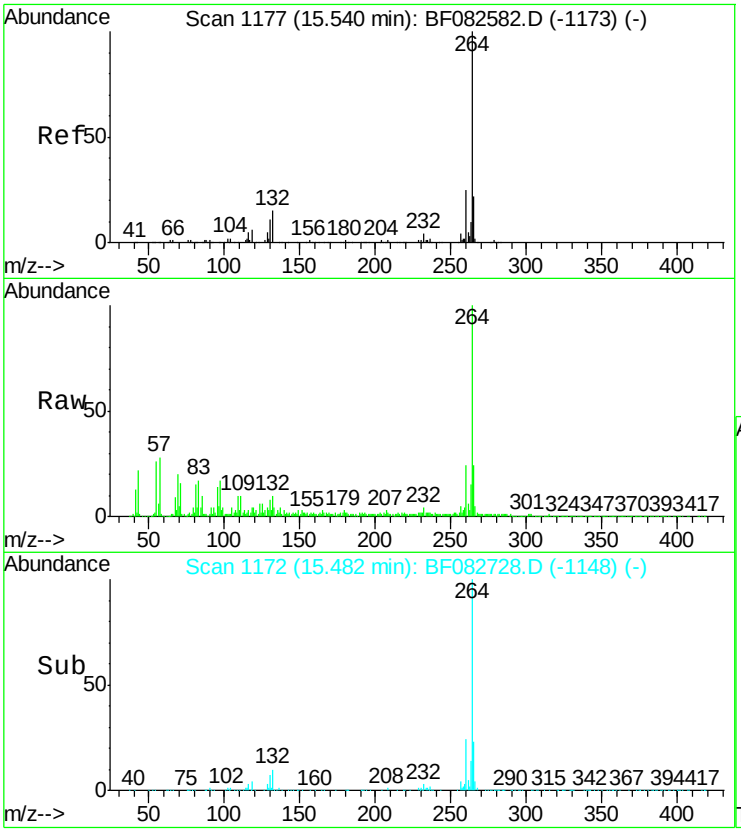


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.59 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.06 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:276 Resp: 140835

Ion	Ratio	Lower	Upper
276	100		
138	17.4	15.3	22.9
277	23.6	20.2	30.4



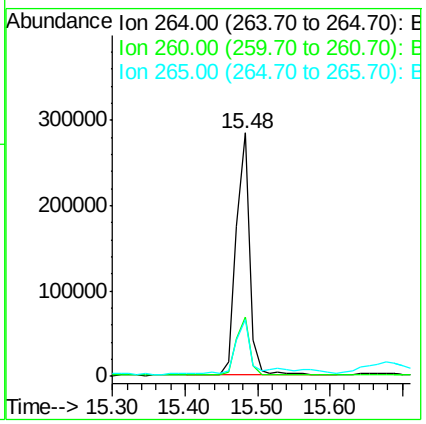


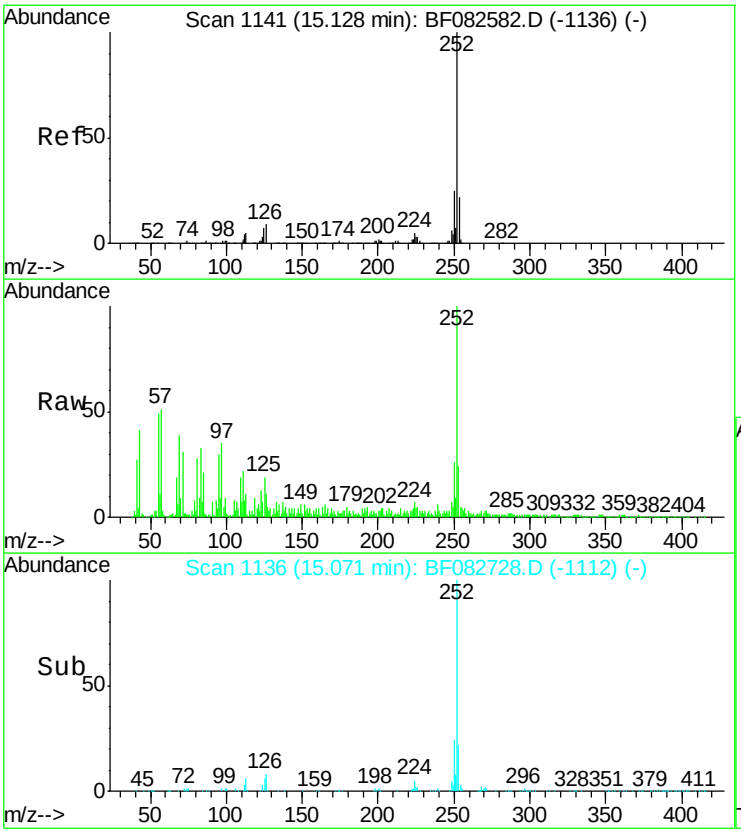
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:264 Resp: 368582

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	23.6	17.4	26.0

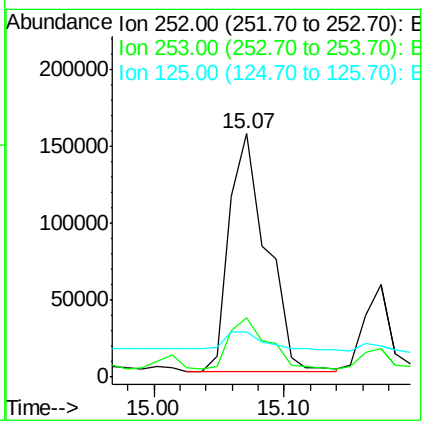


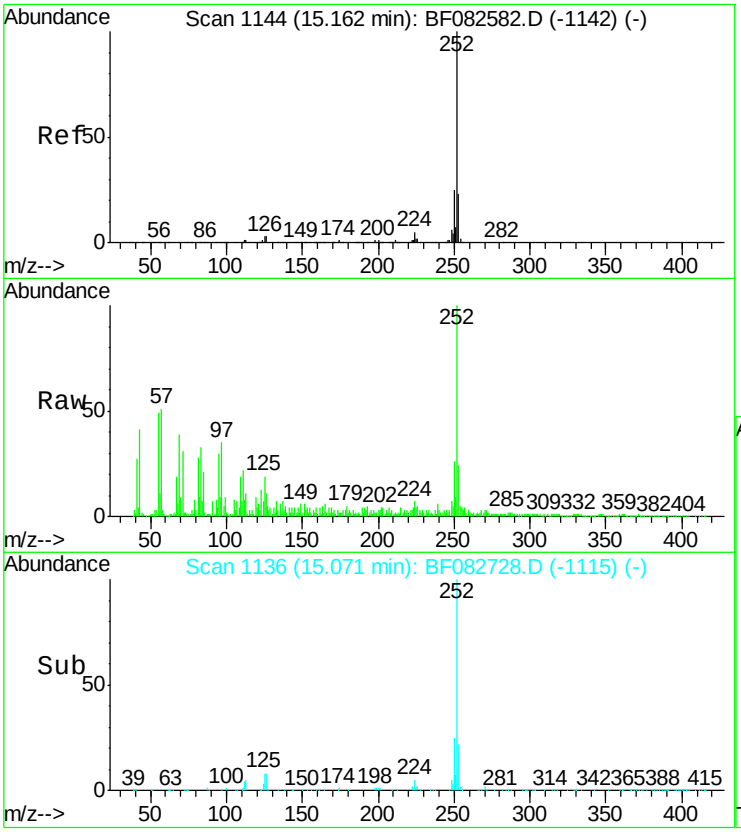


#87
Benzo(b)fluoranthene
Concen: 12.13 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:252 Resp: 308247

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	18.6	5.4	8.2#



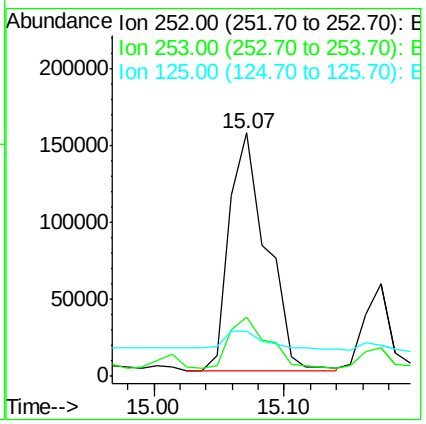


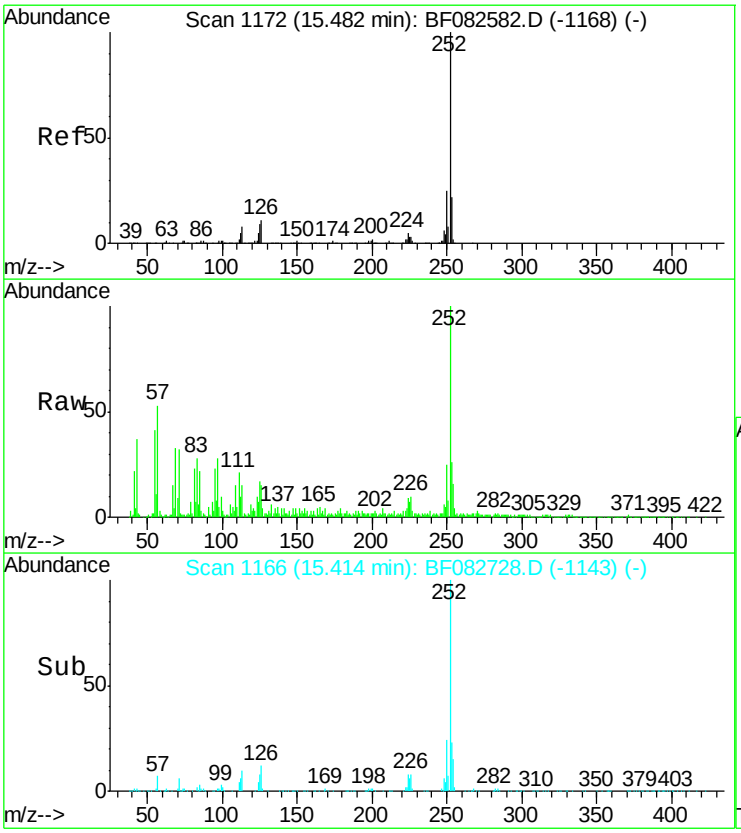
#88
Benzo(k)fluoranthene
Concen: 15.92 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.06 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:252 Resp: 308247

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	18.6	3.5	5.3#

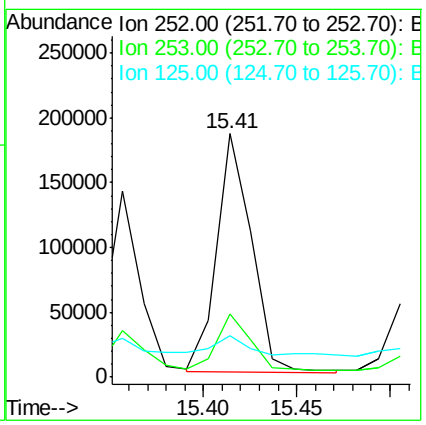


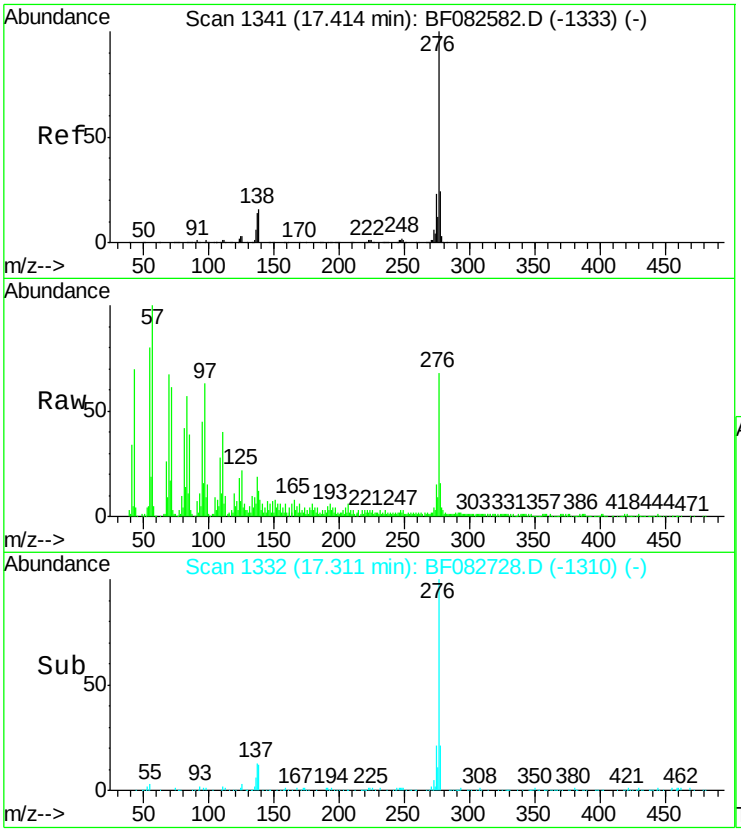


#89
Benzo(a)pyrene
Concen: 11.98 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Tgt Ion:252 Resp: 239746

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.3	25.9
125	16.9	7.1	10.7#





#91
Benzo(g,h,i)perylene
Concen: 9.49 ng
RT: 17.31 min Scan# 1332
Delta R.T. -0.05 min
Lab File: BF082728.D
Acq: 5 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
TP-17(3)DL

Tgt Ion:276 Resp: 171689

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	17.9	13.1	19.7