Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083298.D
Acq On : 26 Nov 2015 3:12
Operator : UM/IZ
Sample : G4436-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-1350

Quant Time: Nov 26 04:39:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	168030	20.00	ng		-0.07
21) Naphthalene-d8	7.88	136	572208	20.00	ng		-0.07
38) Acenaphthene-d10	9.63	164	253559	20.00	ng		-0.07
63) Phenanthrene-d10	11.11	188	438837	20.00	ng		-0.07
75) Chrysene-d12	13.76	240	337790	20.00	ng		-0.05
86) Perylene-d12	15.11	264	339585	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1253032	112.74	ng		-0.08
7) Phenol-d6	6.27	99	1663942	115.71	ng		-0.07
23) Nitrobenzene-d5	7.16	82	1069836	85.43	ng		-0.07
41) 2,4,6-Tribromophenol	10.42	330	271335	104.60	ng		-0.07
44) 2-Fluorobiphenyl	8.96	172	1313935	72.26	ng		-0.07
78) Terphenyl-d14	12.70	244	1071983	74.73	ng		-0.07
Target Compounds							Qvalue
9) Benzaldehyde	6.14	77	2399	Below Cal		#	33
19) n-Nitroso-di-n-propylamine	7.16	70	150255	15.01	ng	#	78
31) Naphthalene	7.90	128	160762	5.21	ng		98
37) 2-Methylnaphthalene	8.59	142	72218	3.60	ng		96
48) Acenaphthylene	9.50	152	677961	25.81	ng		99
49) Dimethylphthalate	9.36	163	379244	19.43	ng		99
51) Acenaphthene	9.66	154	196400	12.28	ng		98
54) Dibenzofuran	9.84	168	172201	7.62	ng	#	89
55) 4-Nitrophenol	9.84	139	59439	16.60	ng	#	1
57) Fluorene	10.17	166	296509	15.87	ng		98
66) 4-Bromophenyl-phenylether	10.42	248	19701	4.05	ng	#	1
70) Phenanthrene	11.14	178	3539865	140.01	ng		95
71) Anthracene	11.19	178	1219903	47.29	ng		100
72) Carbazole	11.35	167	484873	21.15	ng		98
74) Fluoranthene	12.34	202	6109853	236.12	ng		94
77) Pyrene	12.57	202	5827184	252.51	ng		93
80) Benzo(a)anthracene	13.75	228	3586180	171.66	ng		93
82) Chrysene	13.75	228	3586180	185.10	ng		97
83) Bis(2-ethylhexyl)phthalate	13.75	149	30895	2.17	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.35	276	1218359	69.14	ng		97
87) Benzo(b)fluoranthene	14.75	252	4022045	173.34	ng	#	92
88) Benzo(k)fluoranthene	14.75	252	4010700	232.00	ng	#	94
89) Benzo(a)pyrene	15.06	252	1943838	101.47	ng	#	92
90) Dibenzo(a,h)anthracene	16.40	278	102025	5.86	ng	#	84
91) Benzo(g,h,i)perylene	16.72	276	1035509	60.96	ng	#	92

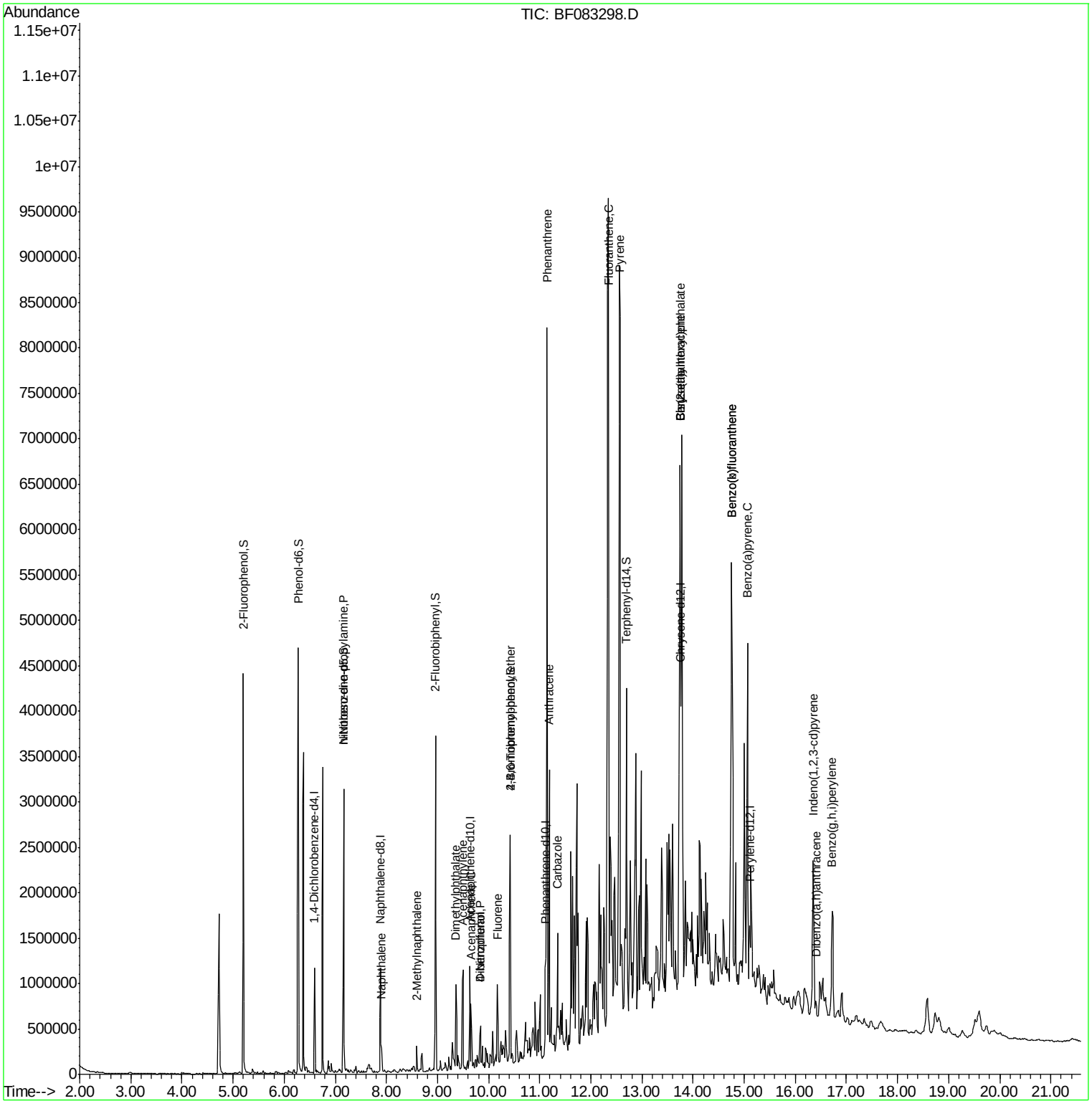
(#) = qualifier out of range (m) = manual integration (+) = signals summed

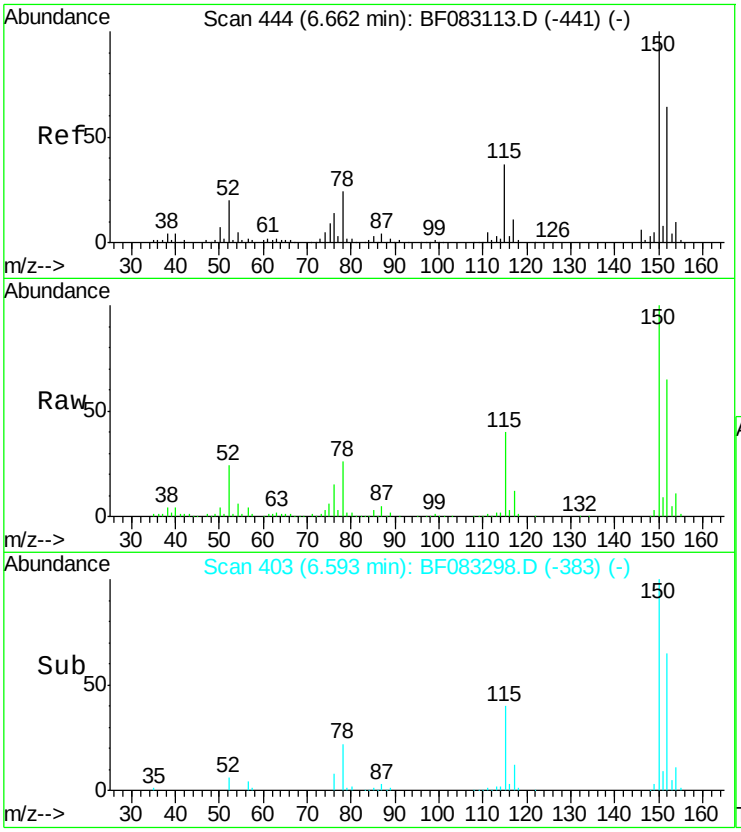
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083298.D
Acq On : 26 Nov 2015 3:12
Operator : UM/IZ
Sample : G4436-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PM-1350

Quant Time: Nov 26 04:39:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



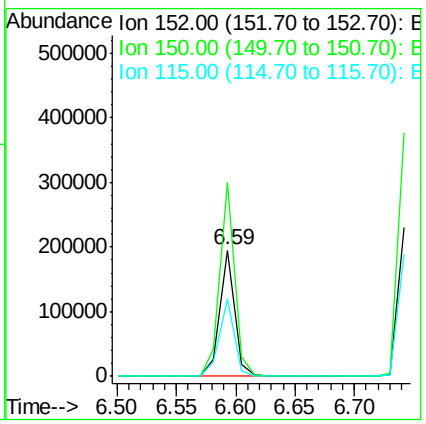


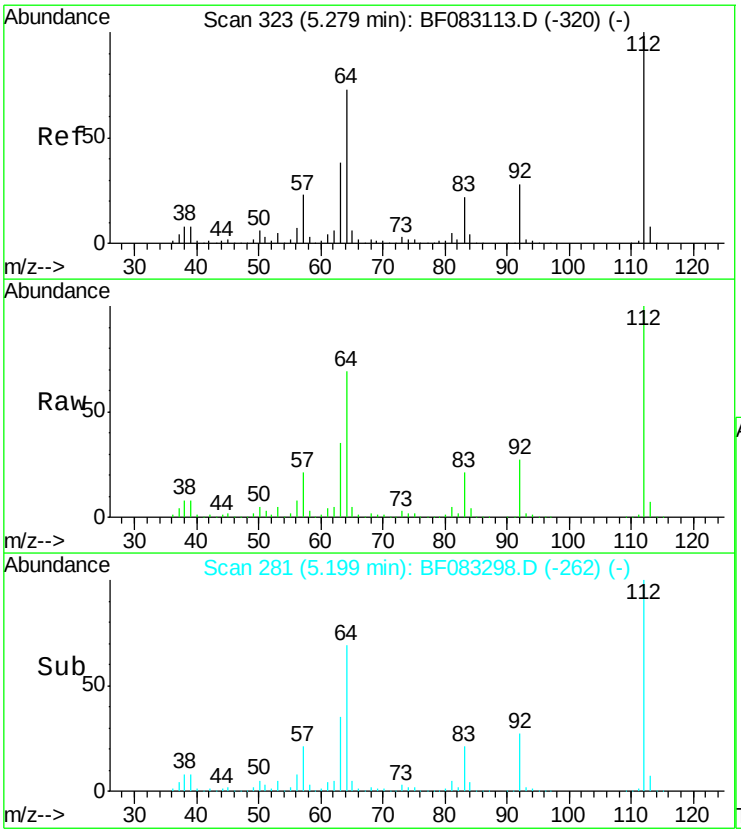
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:152 Resp: 168030

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.8	188.8
115	61.5	46.9	70.3

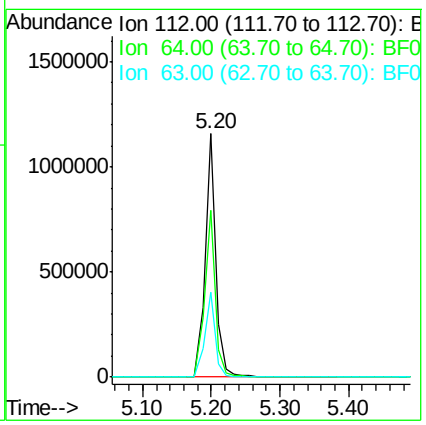


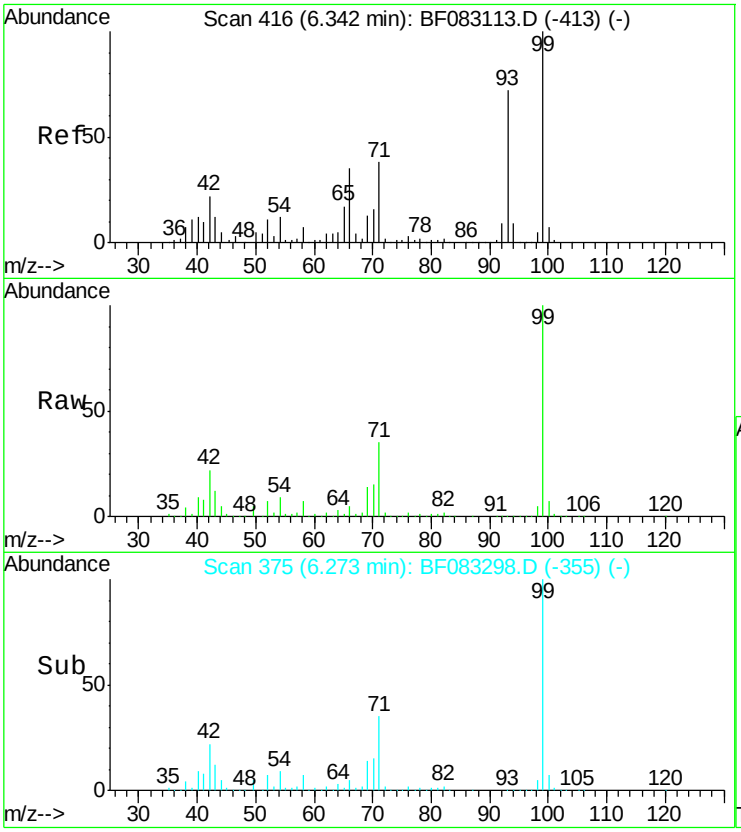


#5
2-Fluorophenol
Concen: 112.74 ng
RT: 5.20 min Scan# 281
Delta R.T. -0.08 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:112 Resp: 1253032

Ion	Ratio	Lower	Upper
112	100		
64	68.6	58.4	87.6
63	34.8	30.0	45.0



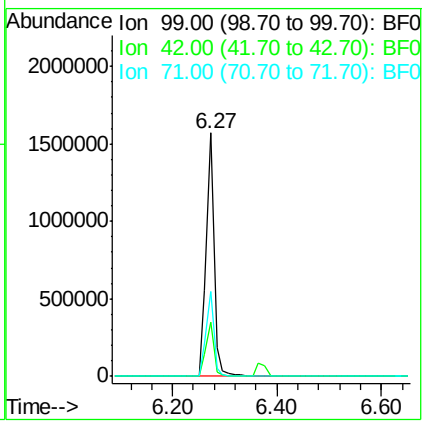


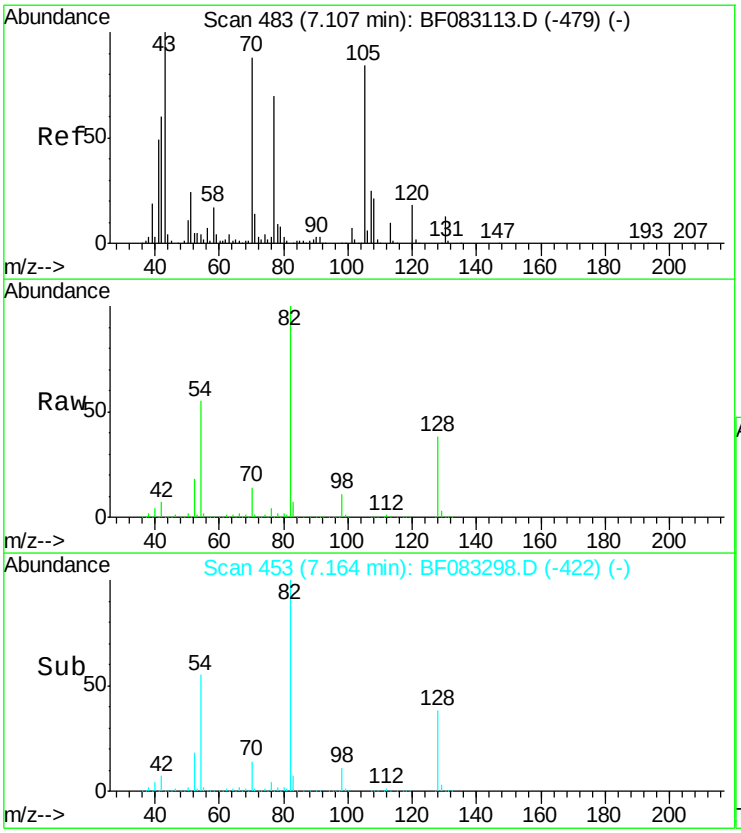
#7
Phenol-d6
Concen: 115.71 ng
RT: 6.27 min Scan# 375
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion: 99 Resp: 1663942

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.7	26.5
71	35.1	30.2	45.4

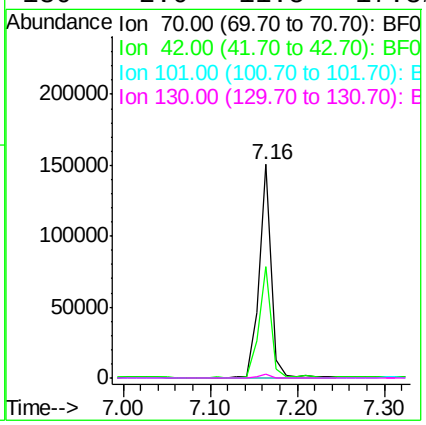


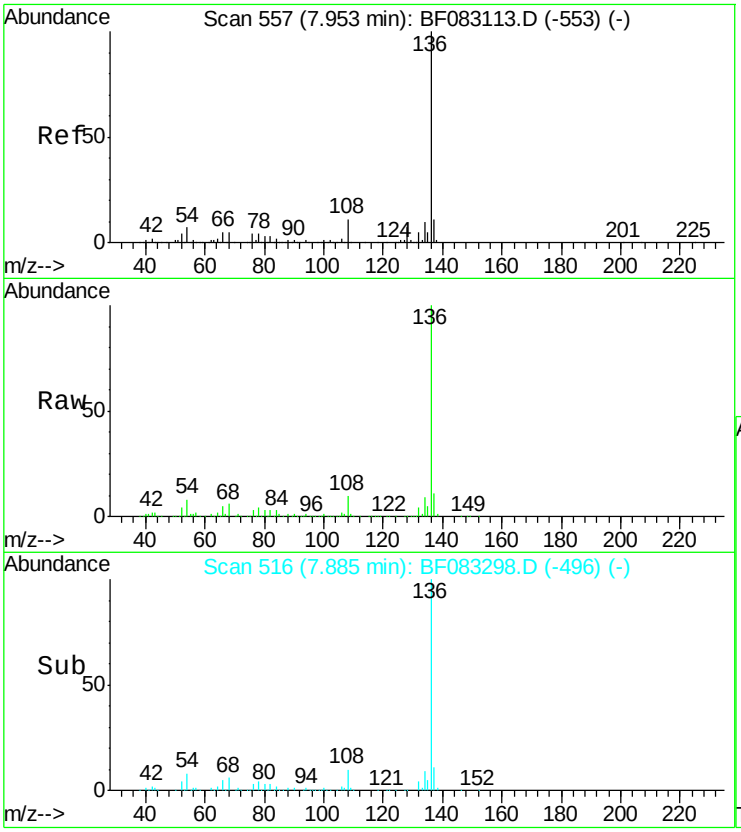


#19
n-Nitroso-di-n-propylamine
Concen: 15.01 ng
RT: 7.16 min Scan# 453
Delta R.T. 0.06 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion: 70 Resp: 150255

Ion	Ratio	Lower	Upper
70	100		
42	52.1	54.5	81.7#
101	0.0	6.6	9.8#
130	2.0	11.5	17.3#



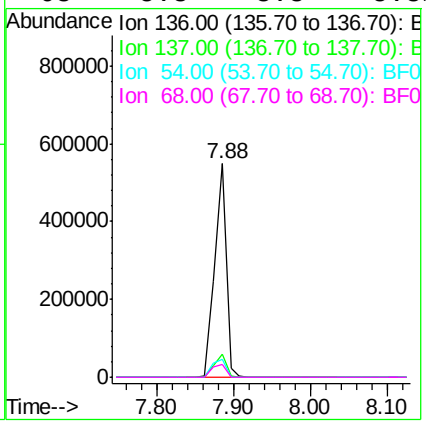


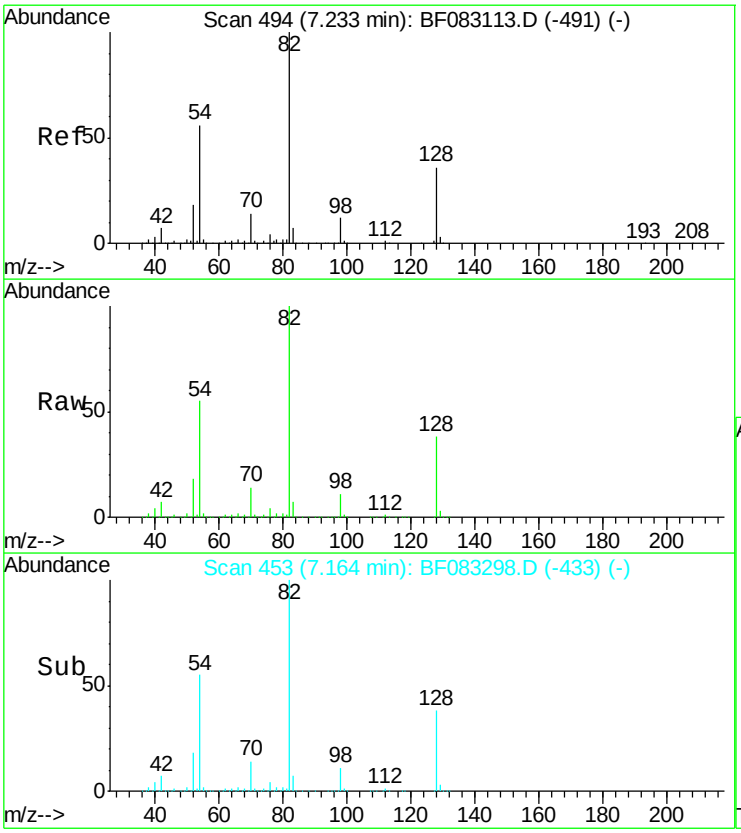
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:136 Resp: 572208

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.2	5.8	8.6
68	5.8	3.8	5.8#

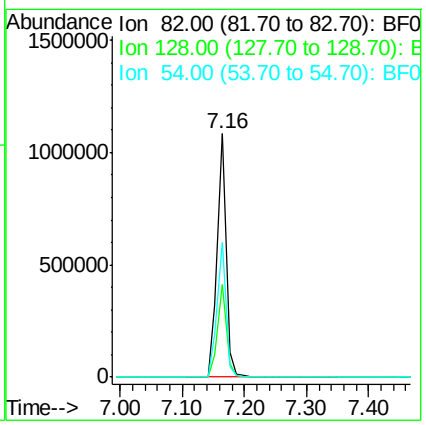


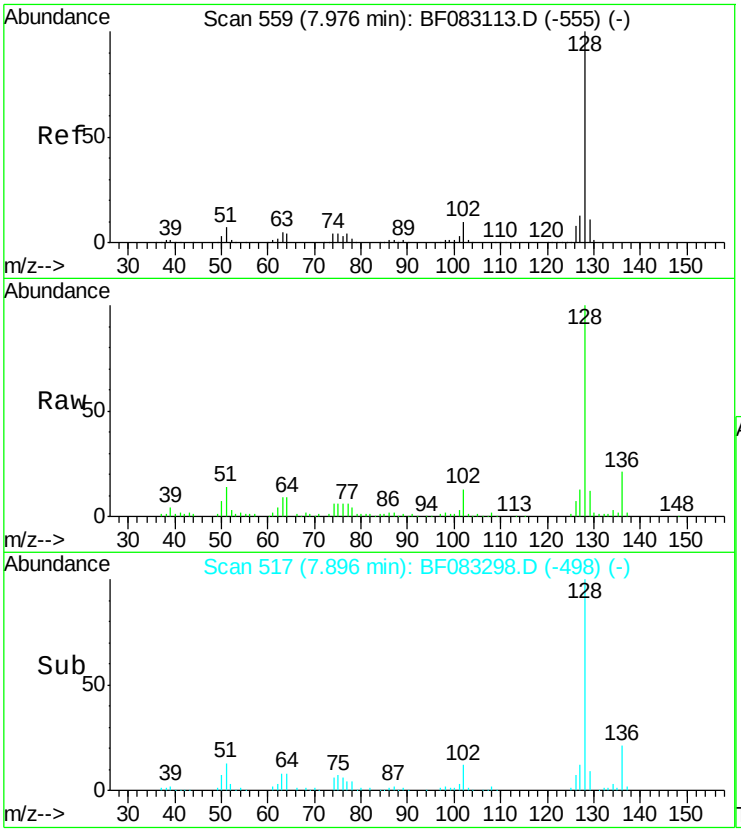


#23
Nitrobenzene-d5
Concen: 85.43 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion: 82 Resp: 1069836

Ion	Ratio	Lower	Upper
82	100		
128	38.2	28.5	42.7
54	55.1	44.6	67.0



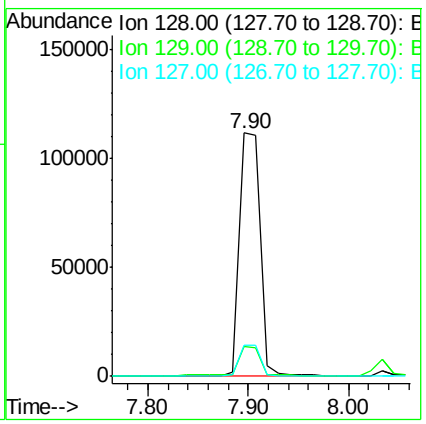


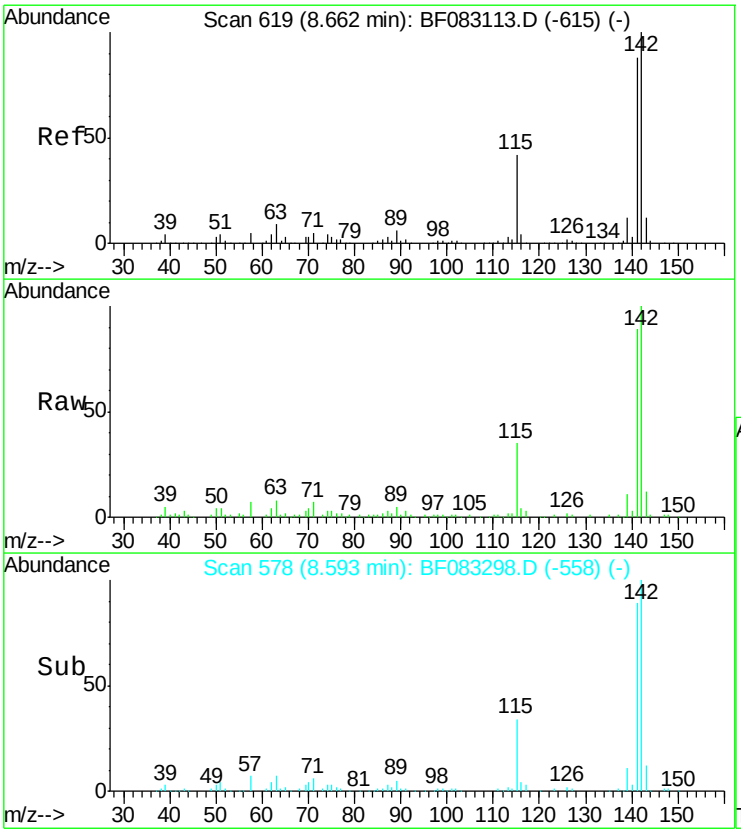
#31
Naphthalene
Concen: 5.21 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.08 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:128 Resp: 160762

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.4
127	12.7	10.6	15.8

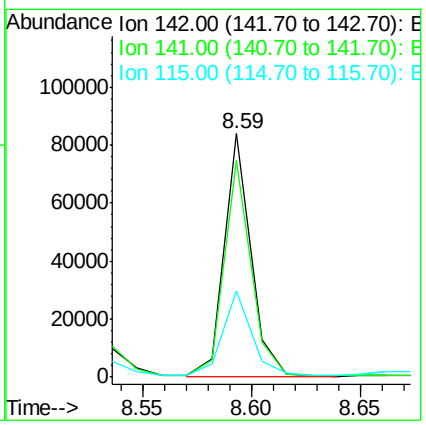


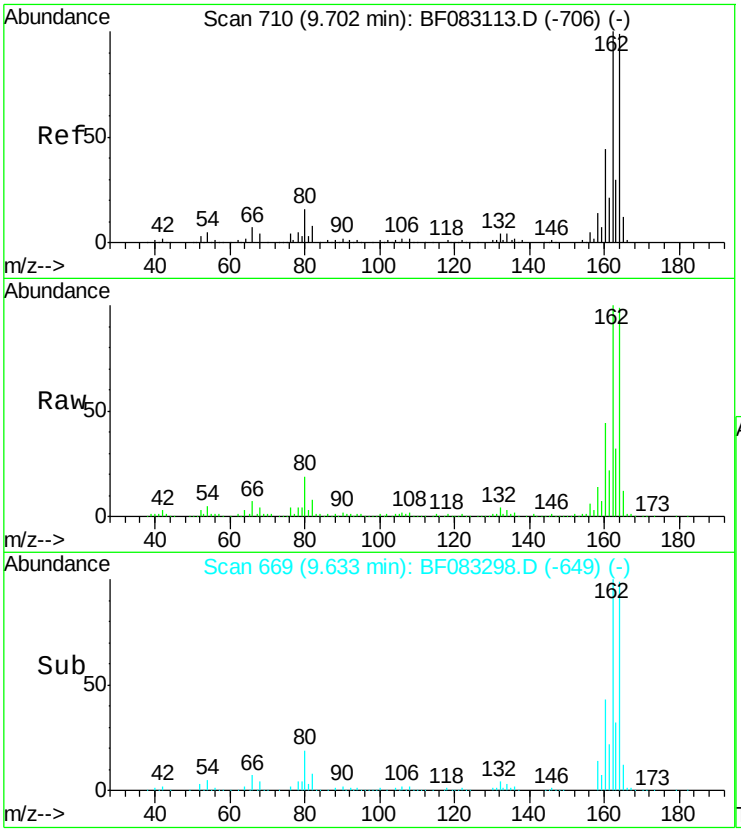


#37
2-Methylnaphthalene
Concen: 3.60 ng
RT: 8.59 min Scan# 578
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:142 Resp: 72218

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	35.3	33.4	50.2



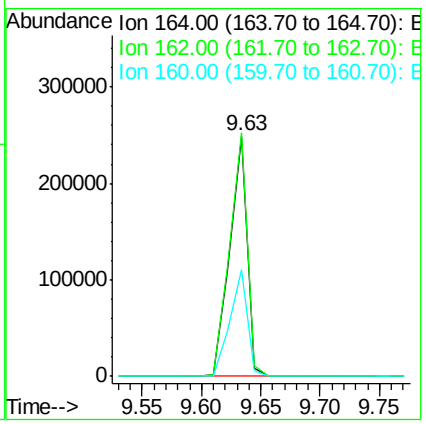


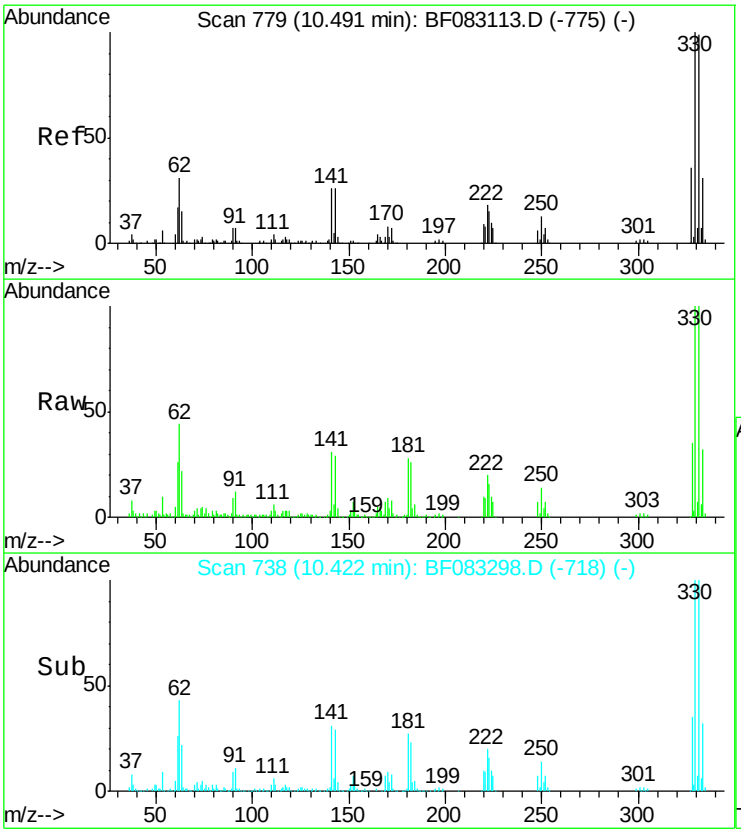
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:164 Resp: 253559

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.2	121.8
160	44.2	35.6	53.4

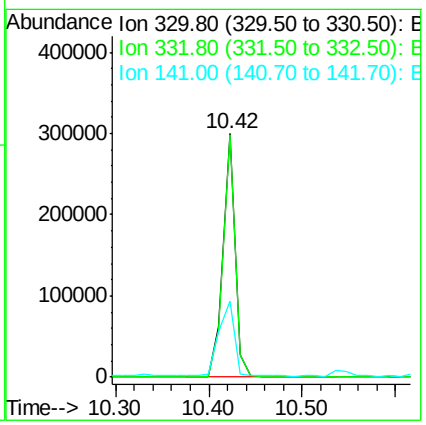


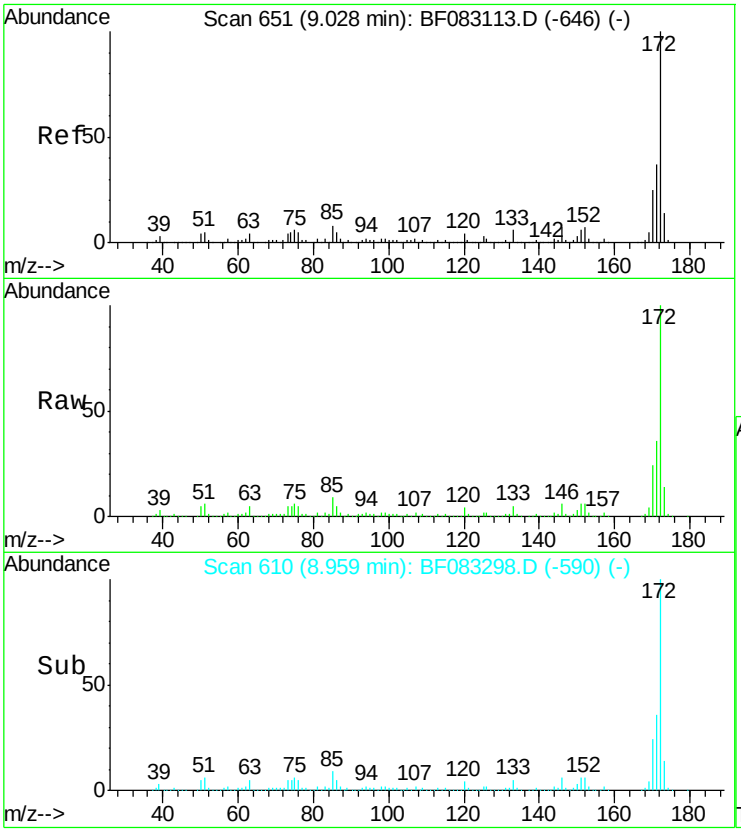


#41
2,4,6-Tribromophenol
Concen: 104.60 ng
RT: 10.42 min Scan# 738
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:330 Resp: 271335

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.7	116.5
141	40.5	29.7	44.5



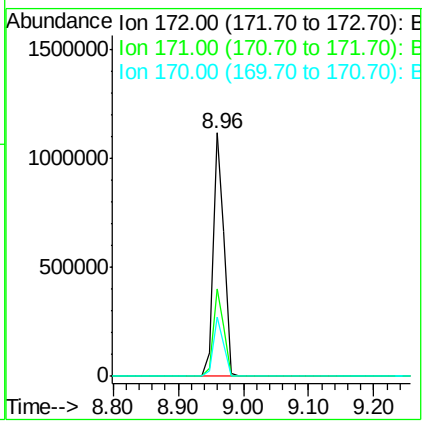


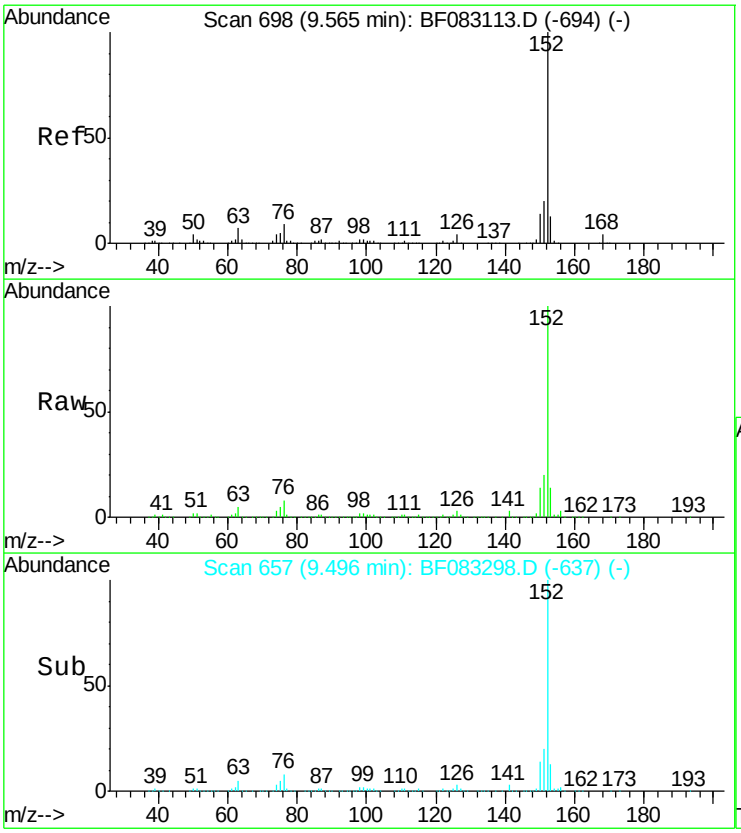
#44
2-Fluorobiphenyl
Concen: 72.26 ng
RT: 8.96 min Scan# 610
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:172 Resp: 1313935

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.5	44.3
170	24.3	19.9	29.9

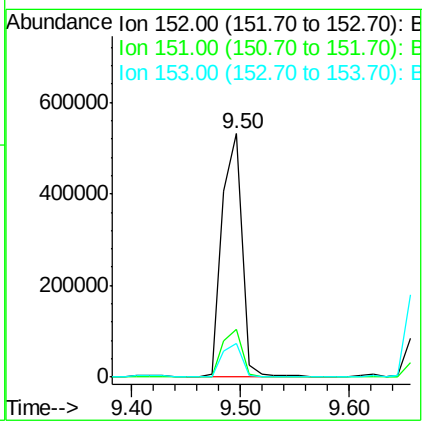


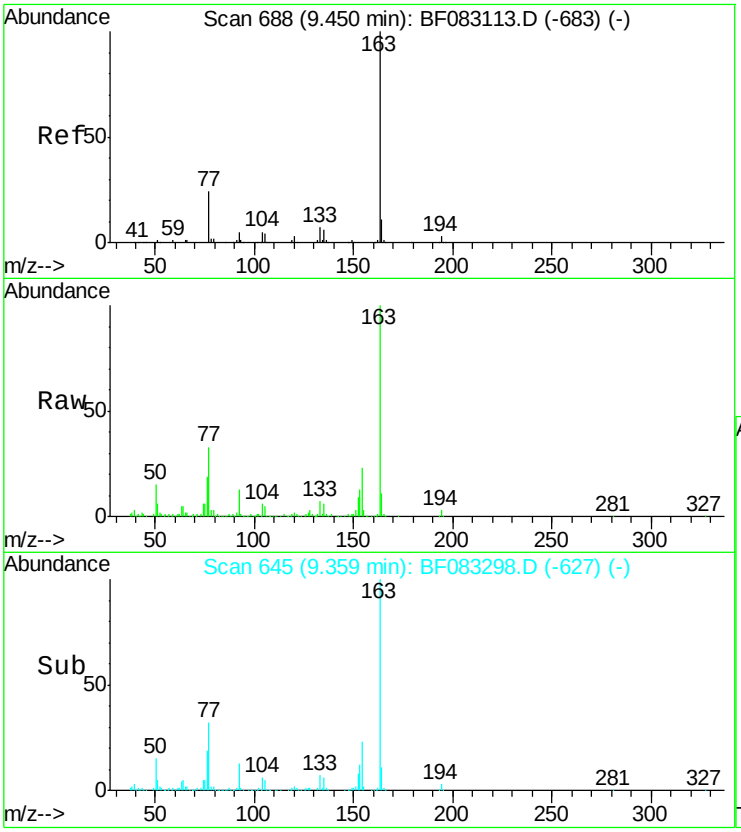


#48
Acenaphthylene
Concen: 25.81 ng
RT: 9.50 min Scan# 657
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:152 Resp: 677961

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.6	10.8	16.2



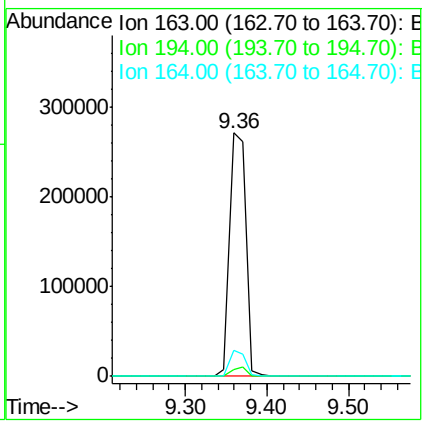


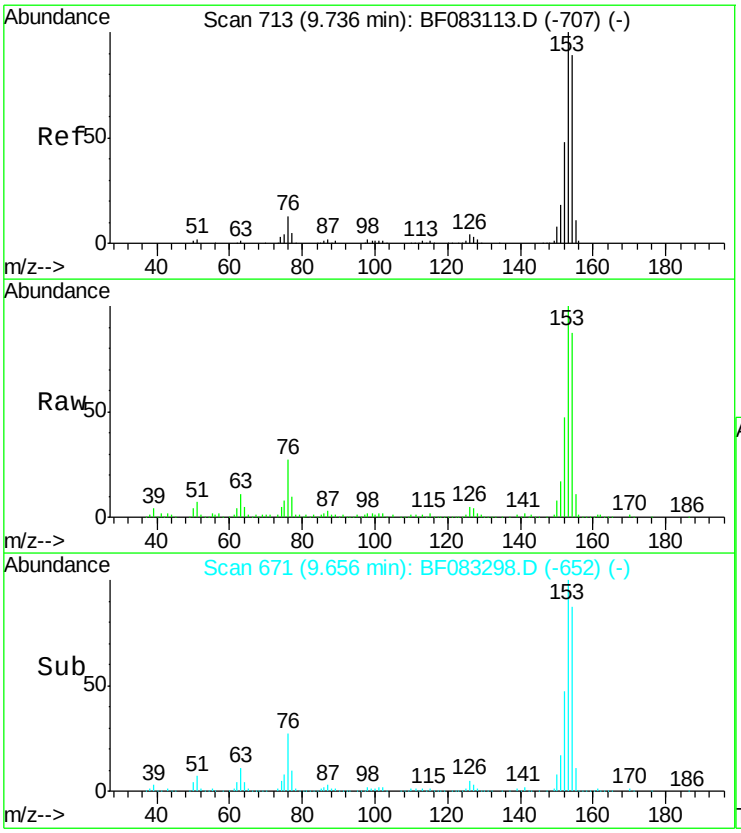
#49
Dimethylphthalate
Concen: 19.43 ng
RT: 9.36 min Scan# 645
Delta R.T. -0.09 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:163 Resp: 379244

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.5	8.6	12.8

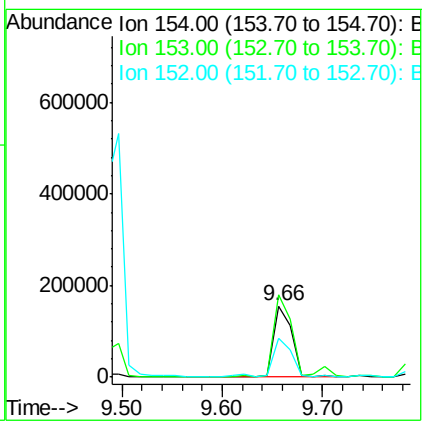


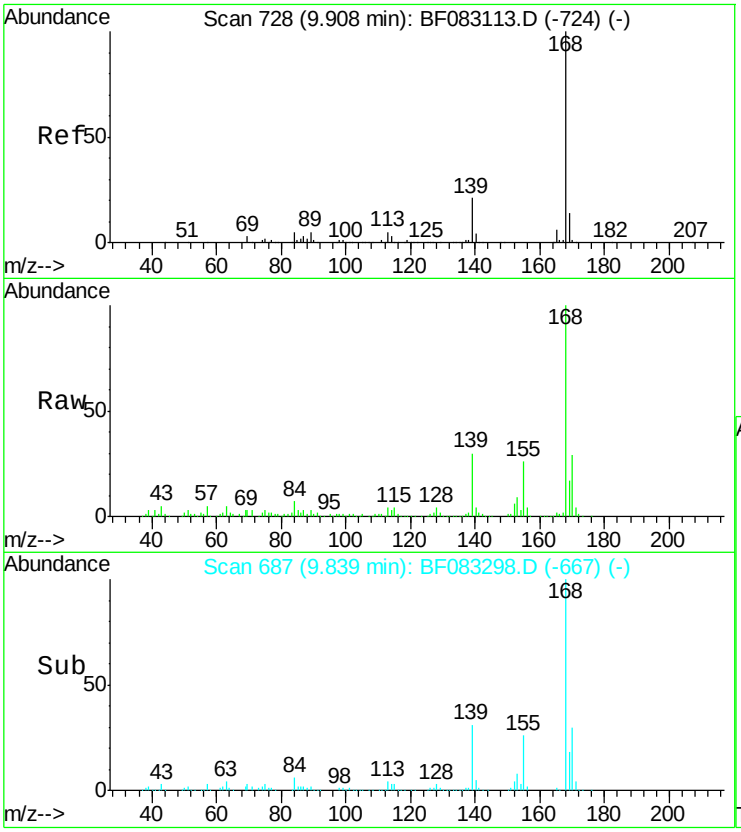


#51
Acenaphthene
Concen: 12.28 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.08 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:154 Resp: 196400

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.6	134.4
152	53.8	43.3	64.9



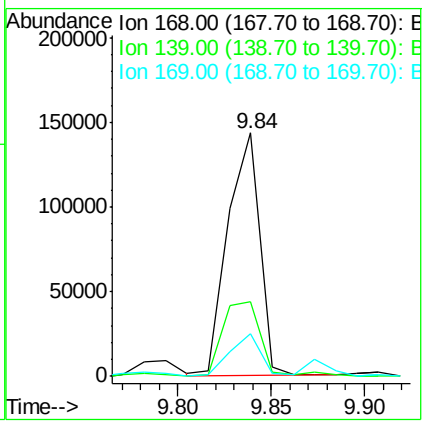


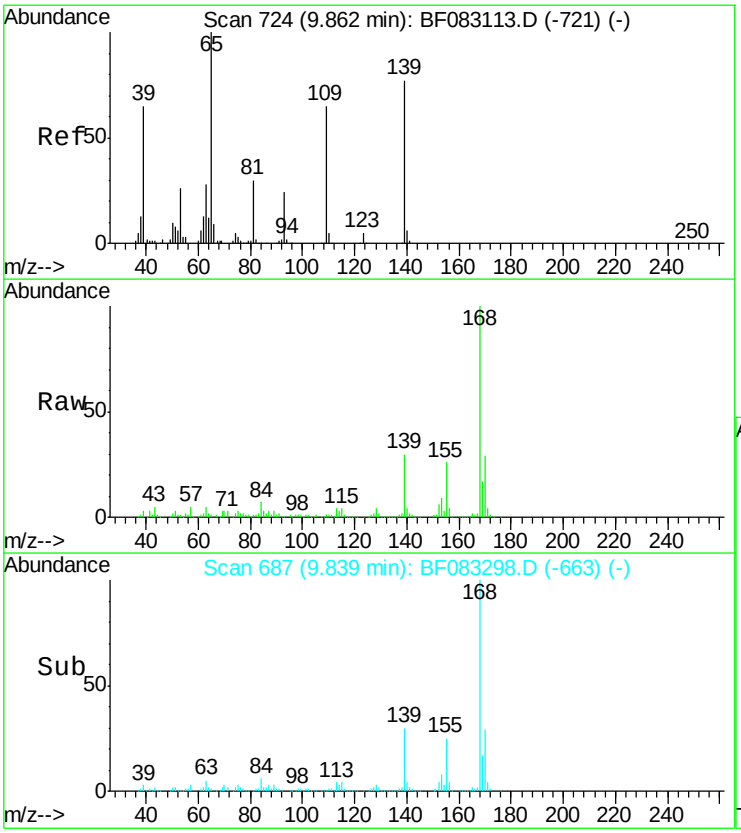
#54
Dibenzofuran
Concen: 7.62 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:168 Resp: 172201

Ion	Ratio	Lower	Upper
168	100		
139	30.5	30.2	45.2
169	17.5	10.9	16.3#

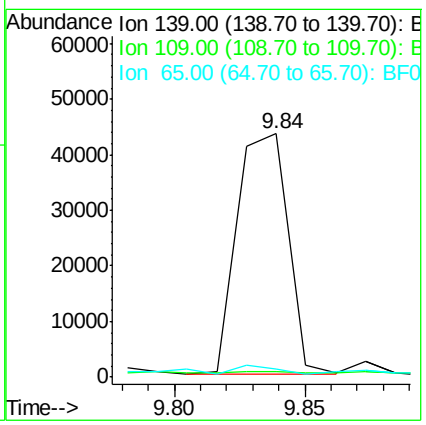


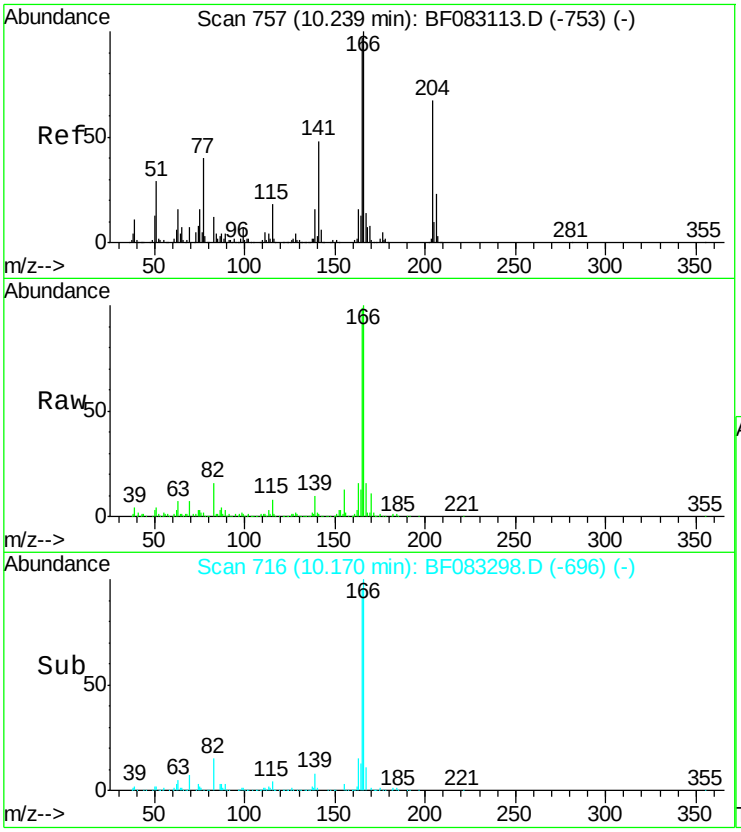


#55
4-Nitrophenol
Concen: 16.60 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:139 Resp: 59439

Ion	Ratio	Lower	Upper
139	100		
109	2.3	64.0	104.0#
65	3.4	109.5	149.5#



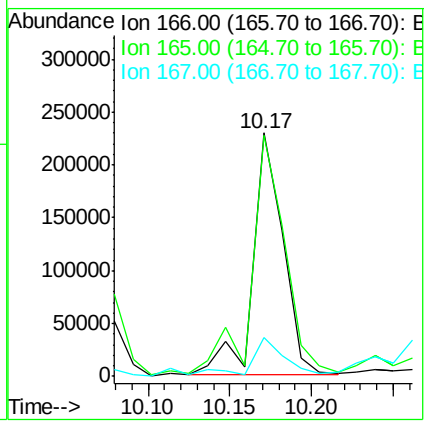


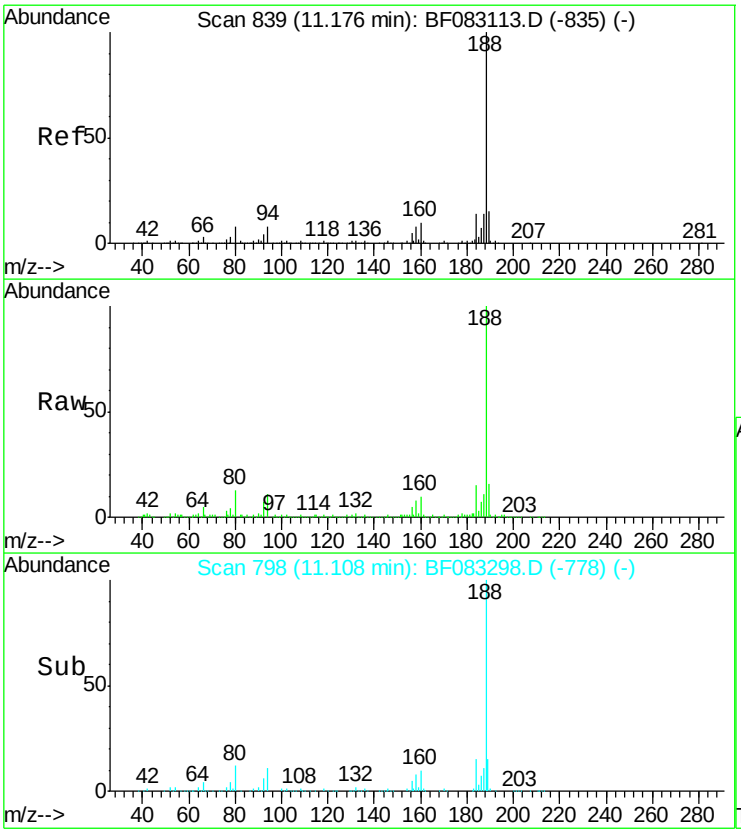
#57
Fluorene
Concen: 15.87 ng
RT: 10.17 min Scan# 716
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:166 Resp: 296509

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.0	117.0
167	15.9	11.3	16.9

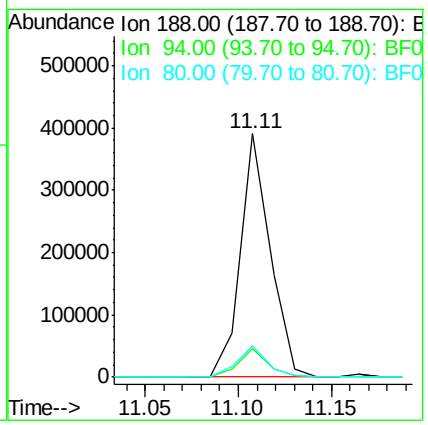


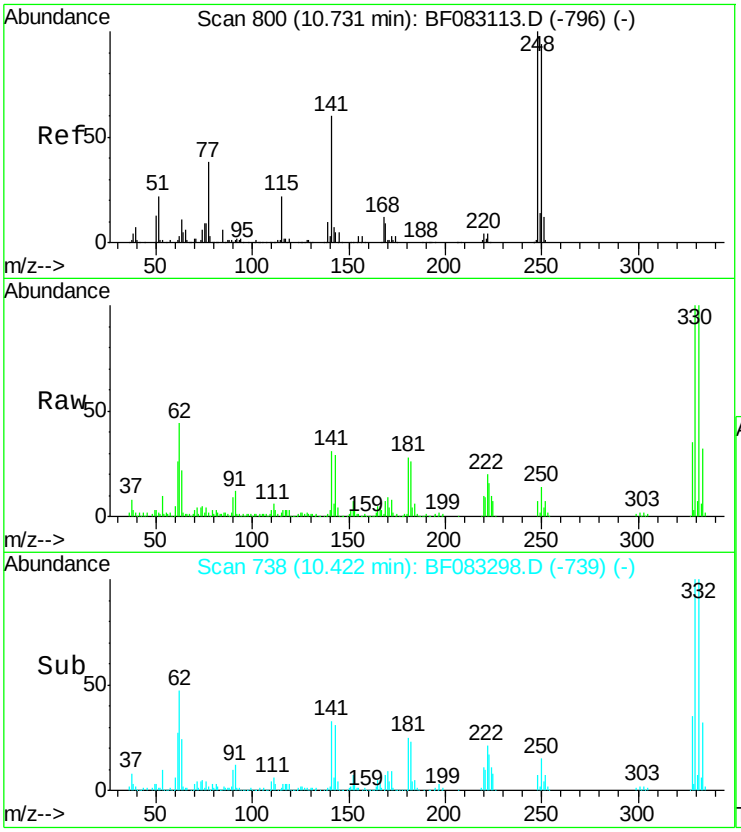


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:188 Resp: 438837

Ion	Ratio	Lower	Upper
188	100		
94	11.5	6.0	9.0#
80	12.6	6.7	10.1#



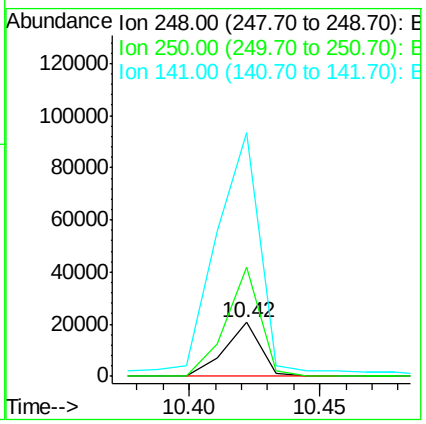


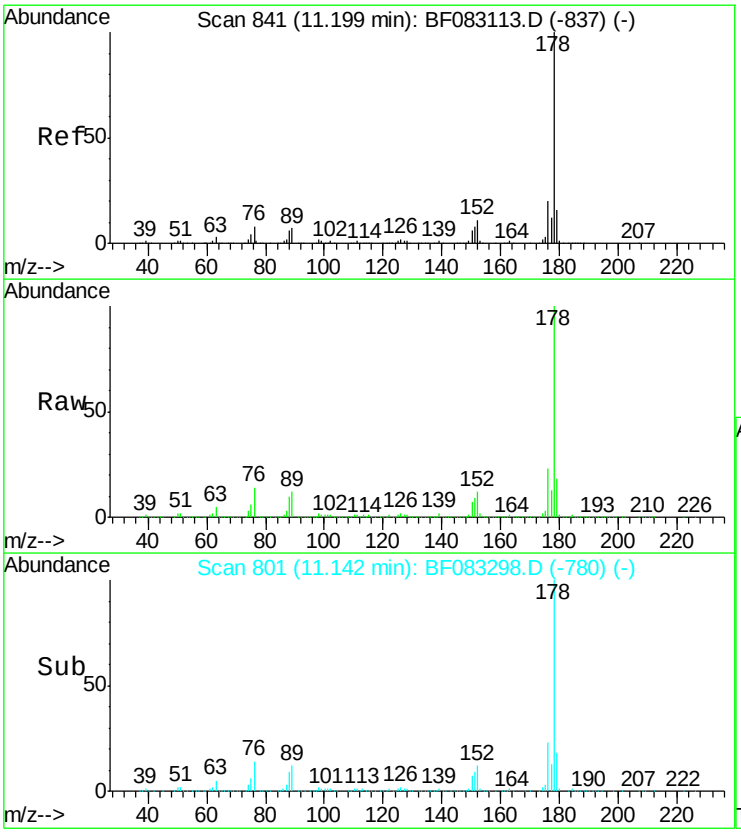
#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.42 min Scan# 738
Delta R.T. -0.31 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:248 Resp: 19701

Ion	Ratio	Lower	Upper
248	100		
250	202.4	75.4	113.2#
141	452.1	48.1	72.1#

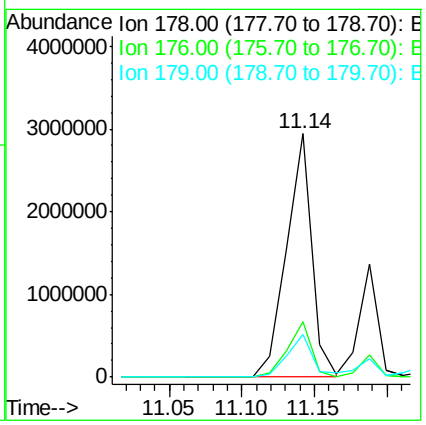


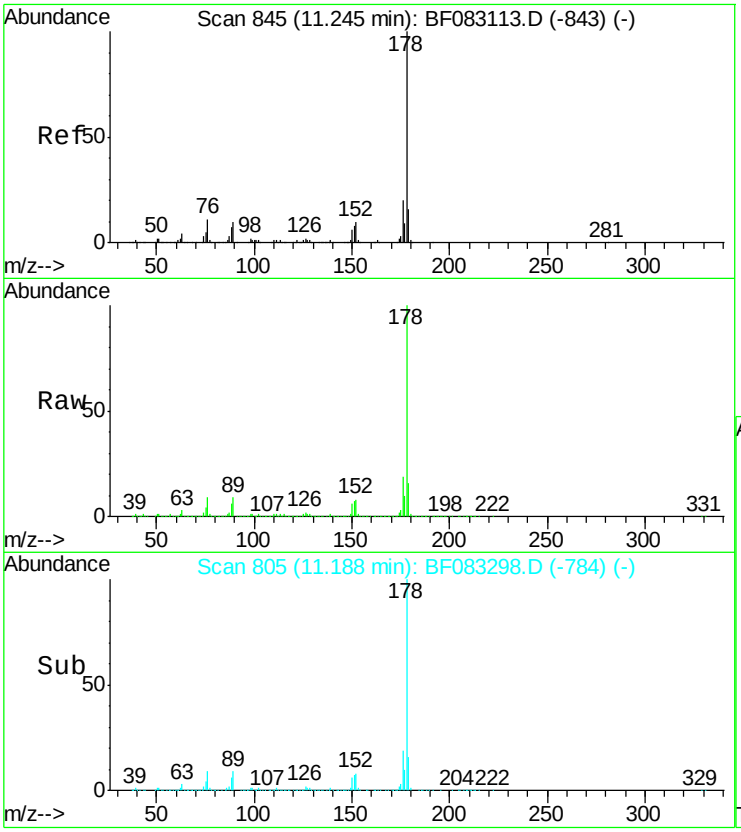


#70
Phenanthrene
Concen: 140.01 ng
RT: 11.14 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:178 Resp: 3539865

Ion	Ratio	Lower	Upper
178	100		
176	22.5	16.2	24.2
179	17.7	12.8	19.2



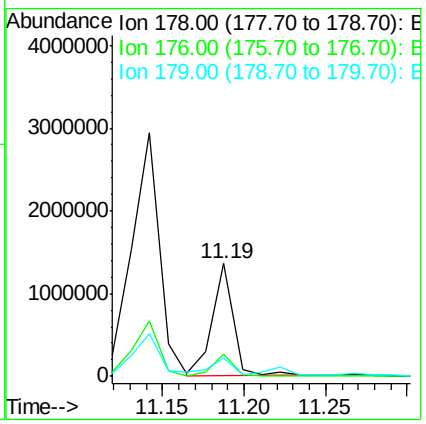


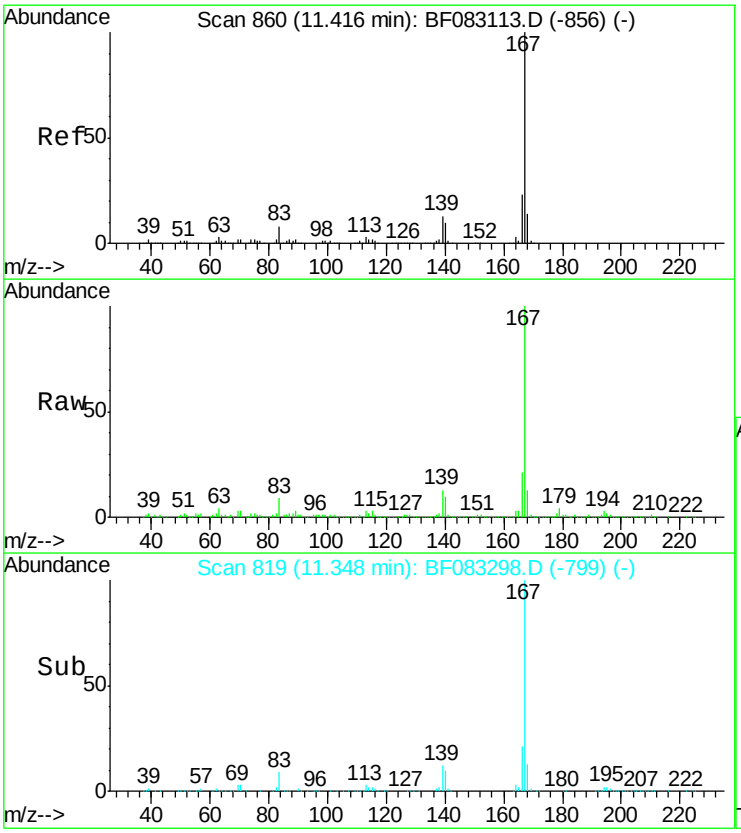
#71
Anthracene
Concen: 47.29 ng
RT: 11.19 min Scan# 805
Delta R.T. -0.06 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:178 Resp: 1219903

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.3	13.2	19.8

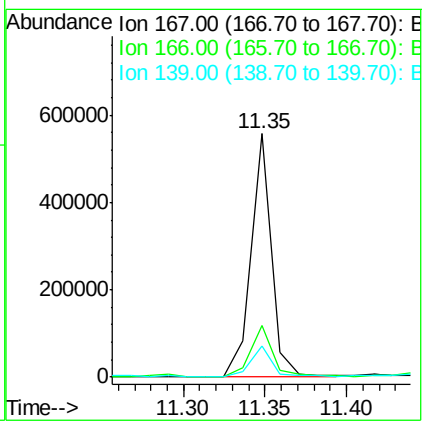


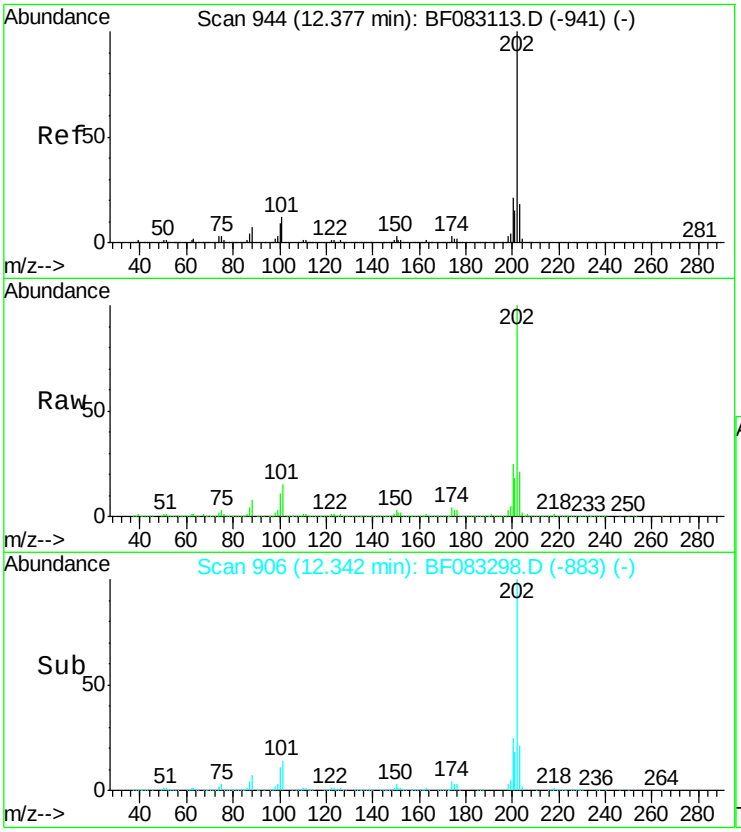


#72
Carbazole
Concen: 21.15 ng
RT: 11.35 min Scan# 819
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:167 Resp: 484873

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.0	27.0
139	12.8	10.5	15.7



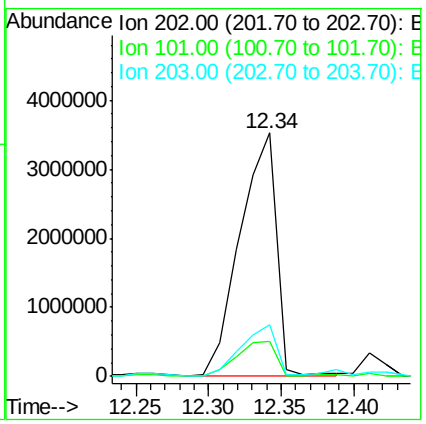


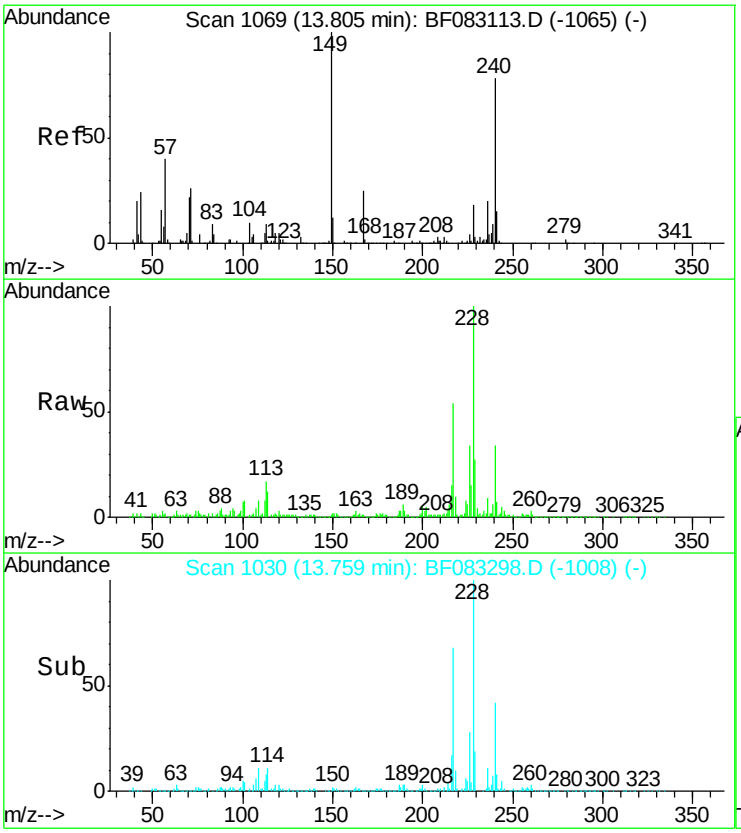
#74
Fluoranthene
Concen: 236.12 ng
RT: 12.34 min Scan# 906
Delta R.T. -0.03 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:202 Resp: 6109853

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	32.3
203	21.3	0.0	38.4

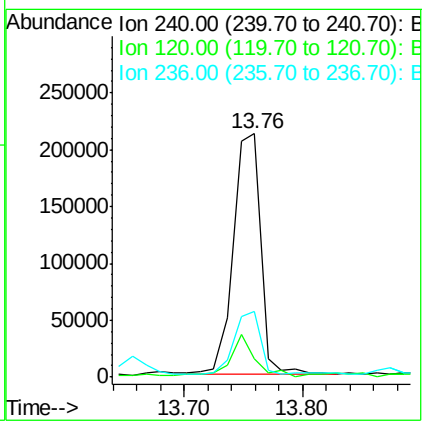


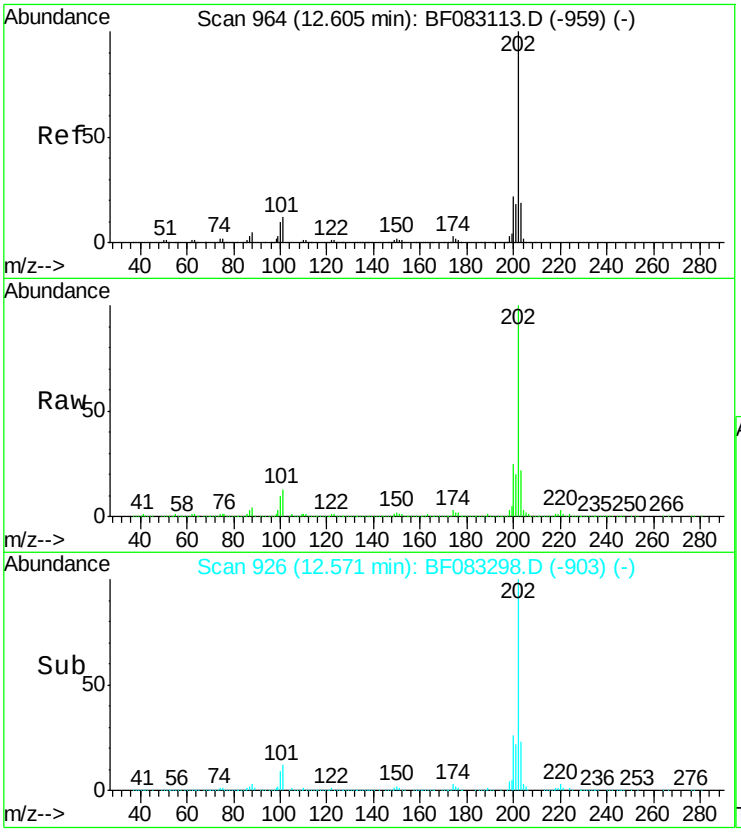


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:240 Resp: 337790

Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.4	8.2
236	27.1	20.6	31.0



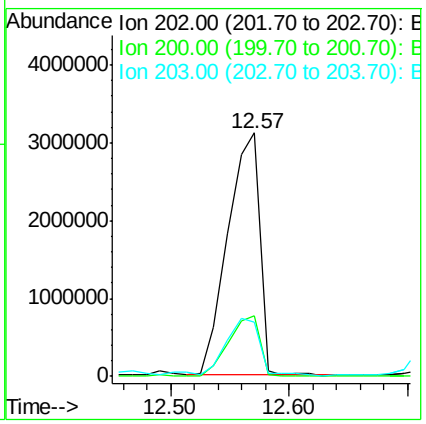


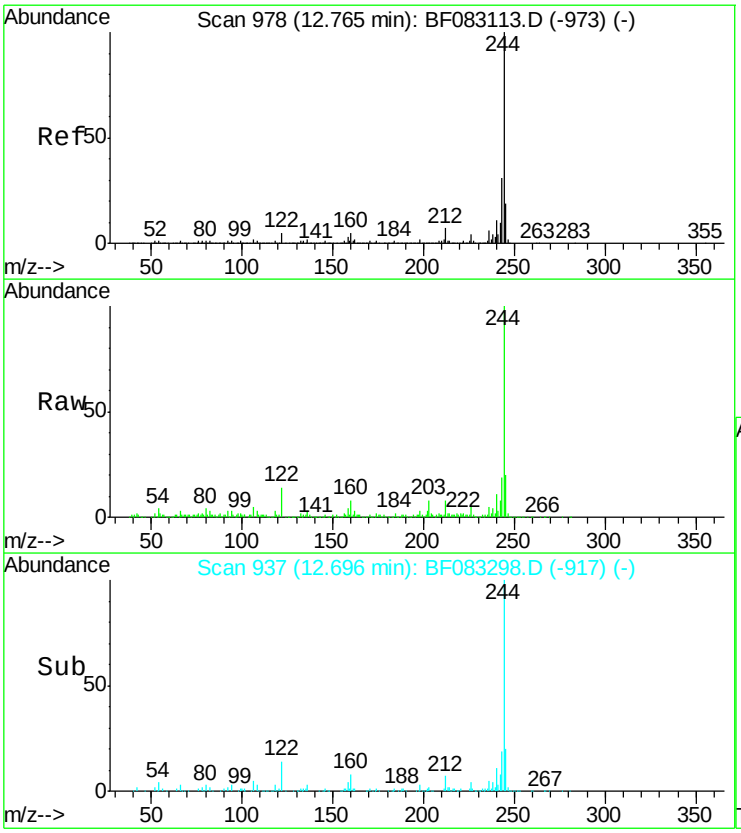
#77
Pyrene
Concen: 252.51 ng
RT: 12.57 min Scan# 926
Delta R.T. -0.03 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:202 Resp: 5827184

Ion	Ratio	Lower	Upper
202	100		
200	24.9	17.8	26.6
203	22.2	15.0	22.4

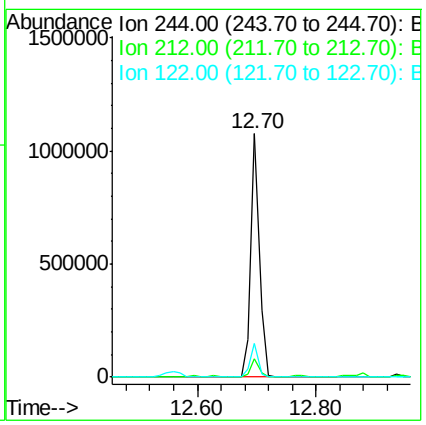


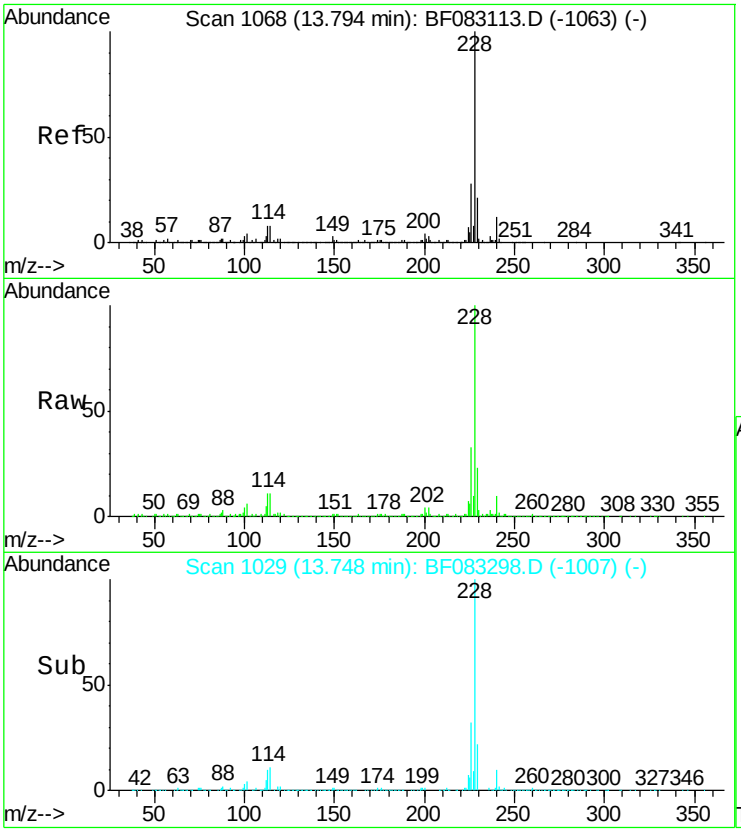


#78
Terphenyl-d14
Concen: 74.73 ng
RT: 12.70 min Scan# 937
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:244 Resp: 1071983

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.2
122	13.9	4.3	6.5#



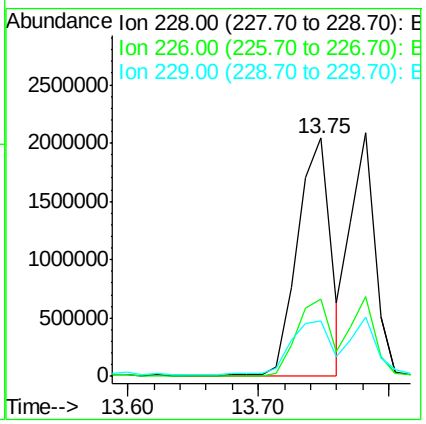


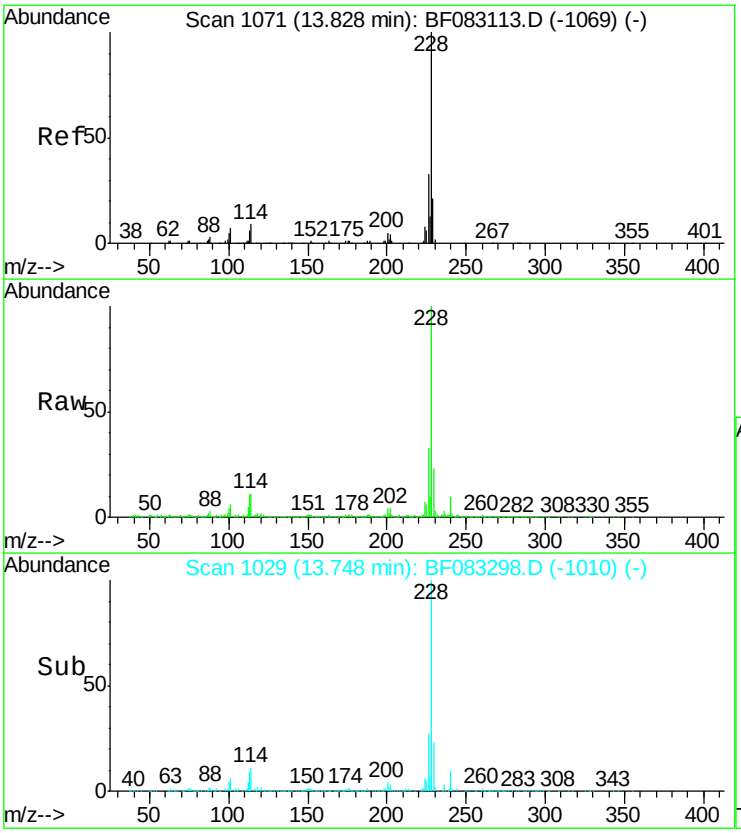
#80
Benzo(a)anthracene
Concen: 171.66 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.05 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:228 Resp: 3586180

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	23.1	16.6	24.8

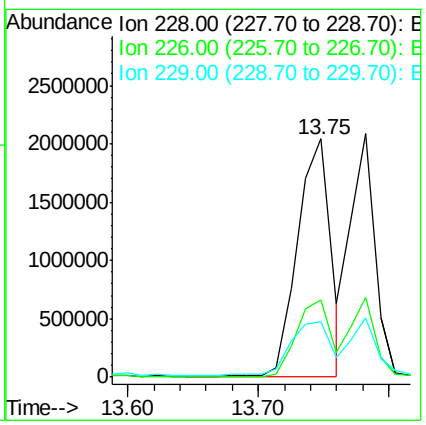


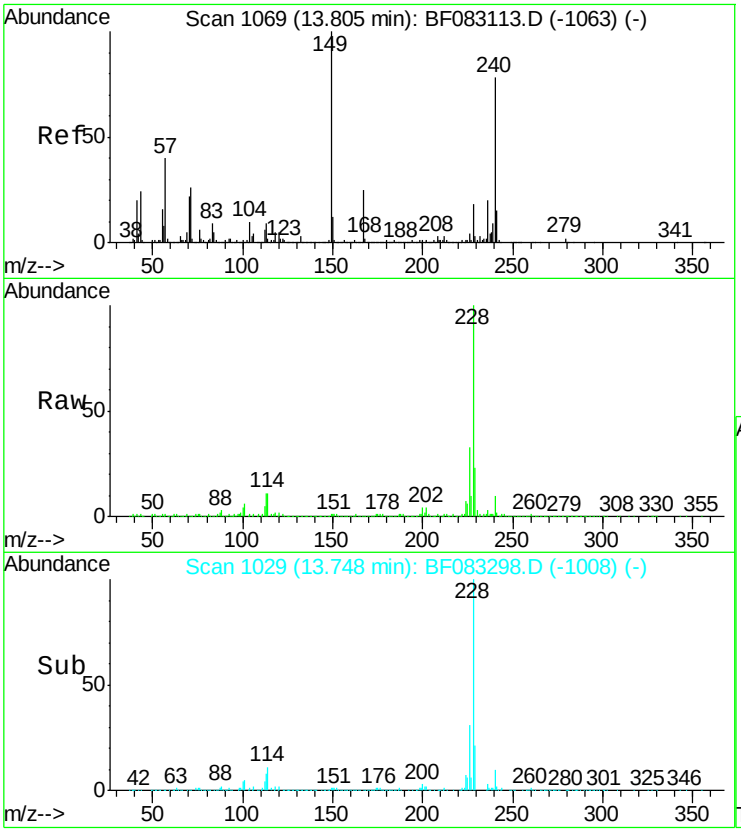


#82
Chrysene
Concen: 185.10 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.08 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:228 Resp: 3586180

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.5	38.3
229	23.1	16.6	25.0



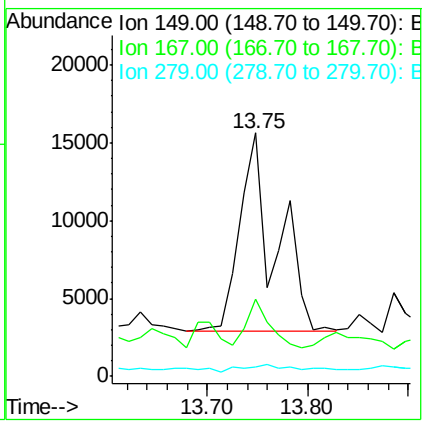


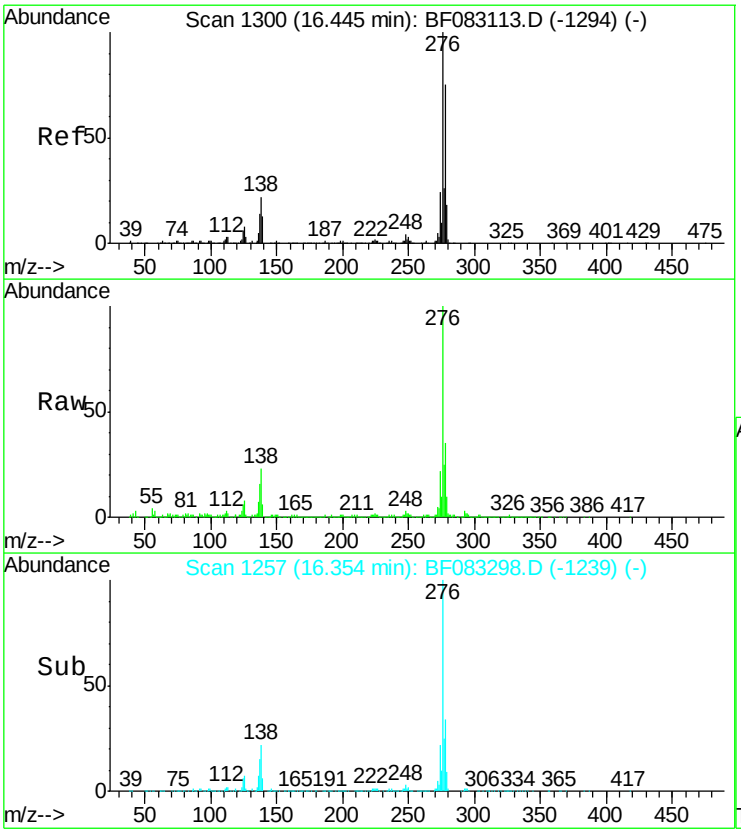
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.17 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:149 Resp: 30895

Ion	Ratio	Lower	Upper
149	100		
167	31.6	20.1	30.1#
279	4.0	1.7	2.5#

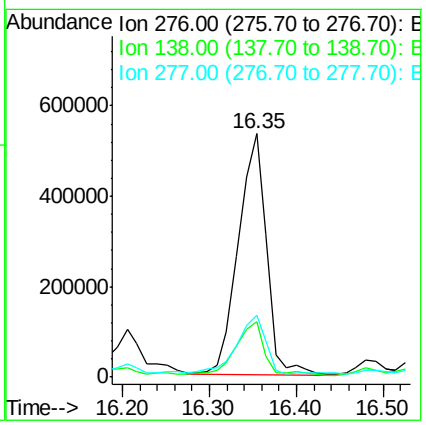


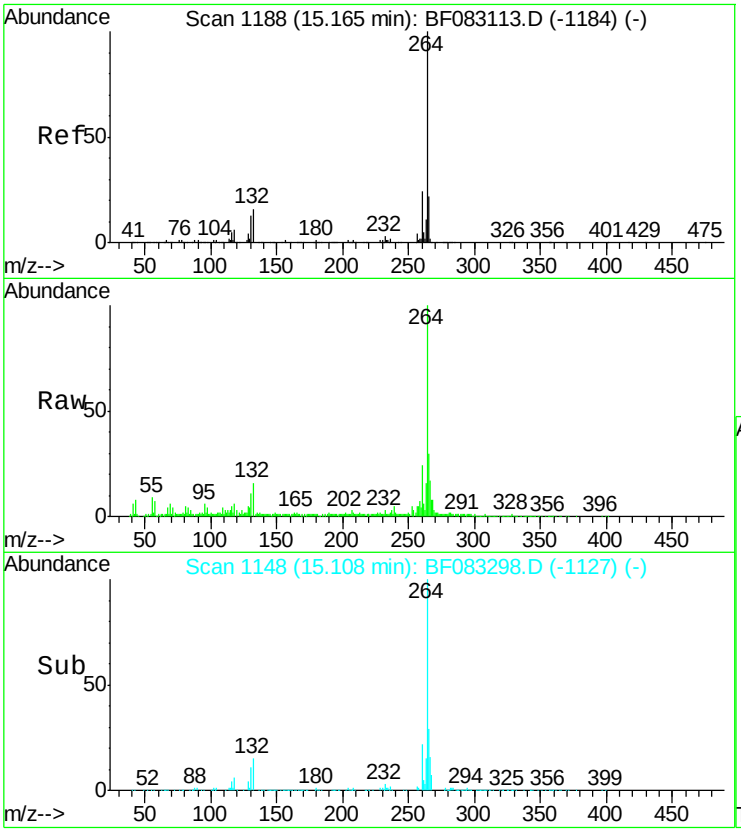


#85
Indeno(1,2,3-cd)pyrene
Concen: 69.14 ng
RT: 16.35 min Scan# 1257
Delta R.T. -0.09 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:276 Resp: 1218359

Ion	Ratio	Lower	Upper
276	100		
138	20.5	18.0	27.0
277	24.3	20.2	30.4



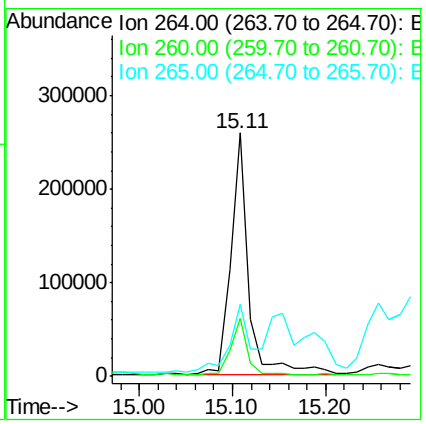


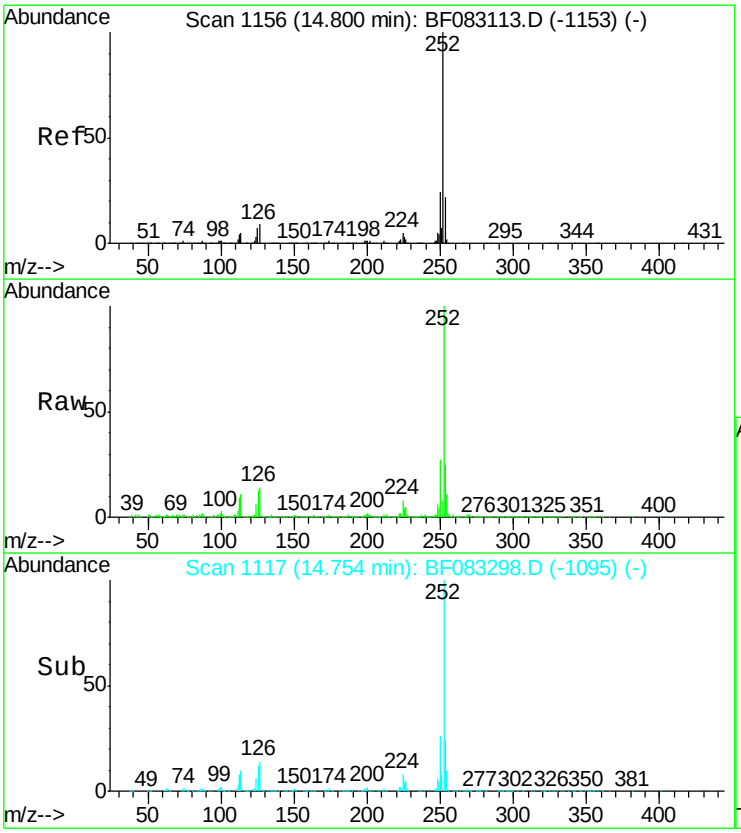
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:264 Resp: 339585

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	29.7	18.2	27.4#

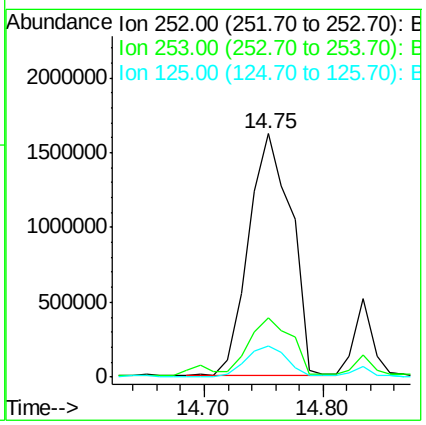


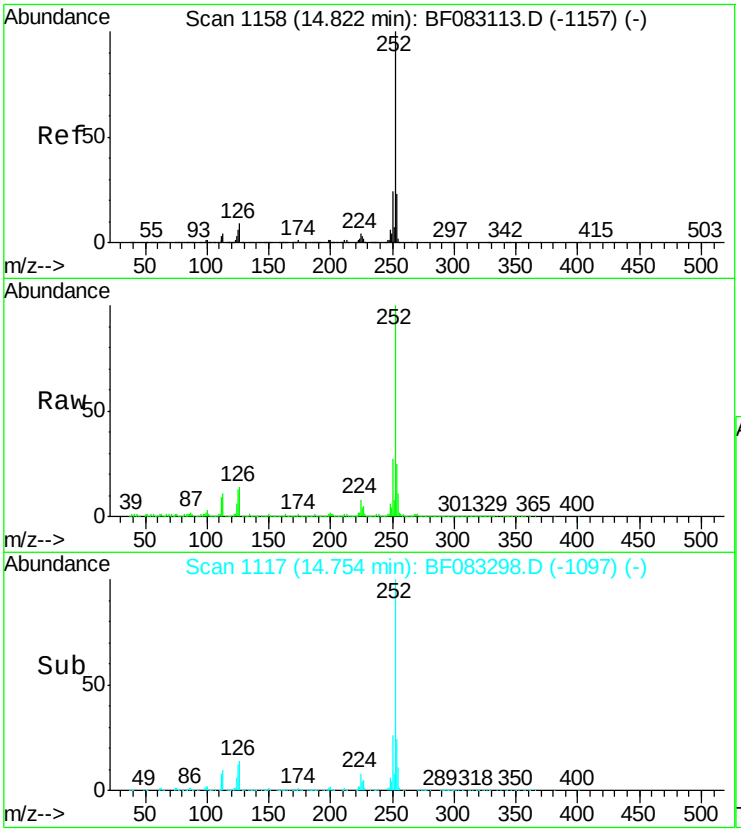


#87
Benzo(b)fluoranthene
Concen: 173.34 ng
RT: 14.75 min Scan# 1117
Delta R.T. -0.05 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:252 Resp: 4022045

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.7	26.5
125	12.8	5.6	8.4#



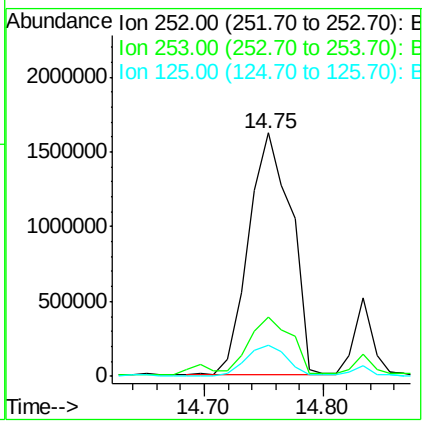


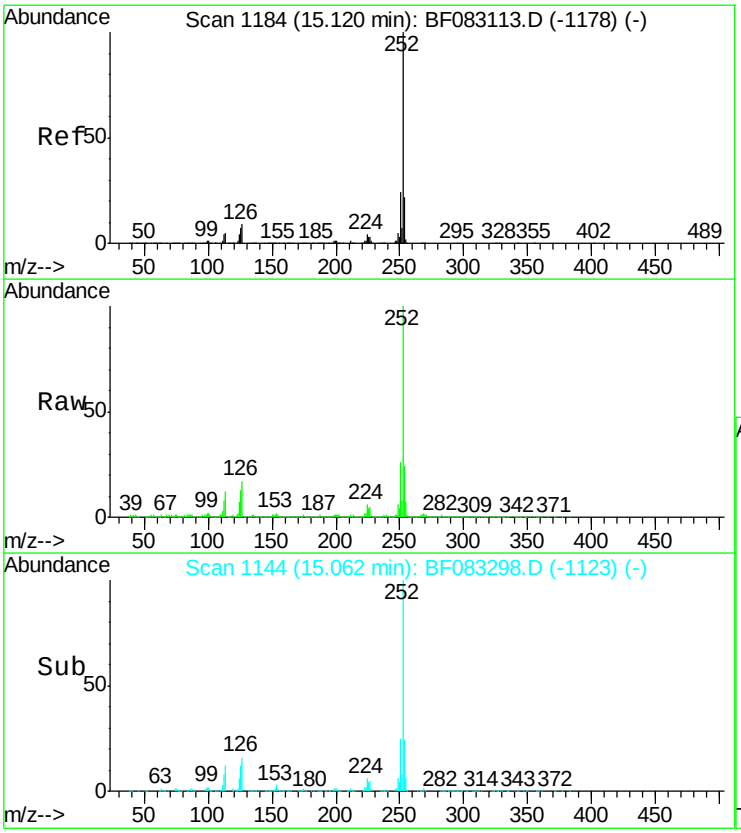
#88
Benzo(k)fluoranthene
Concen: 232.00 ng
RT: 14.75 min Scan# 1117
Delta R.T. -0.07 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:252 Resp: 4010700

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	12.8	6.8	10.2#

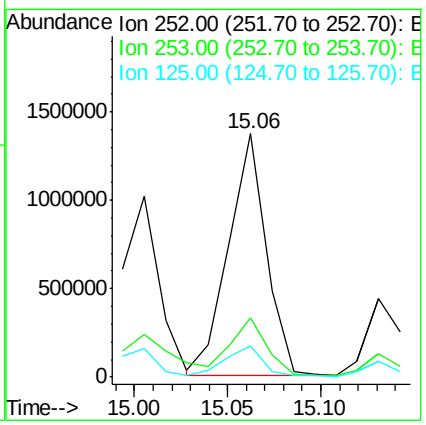


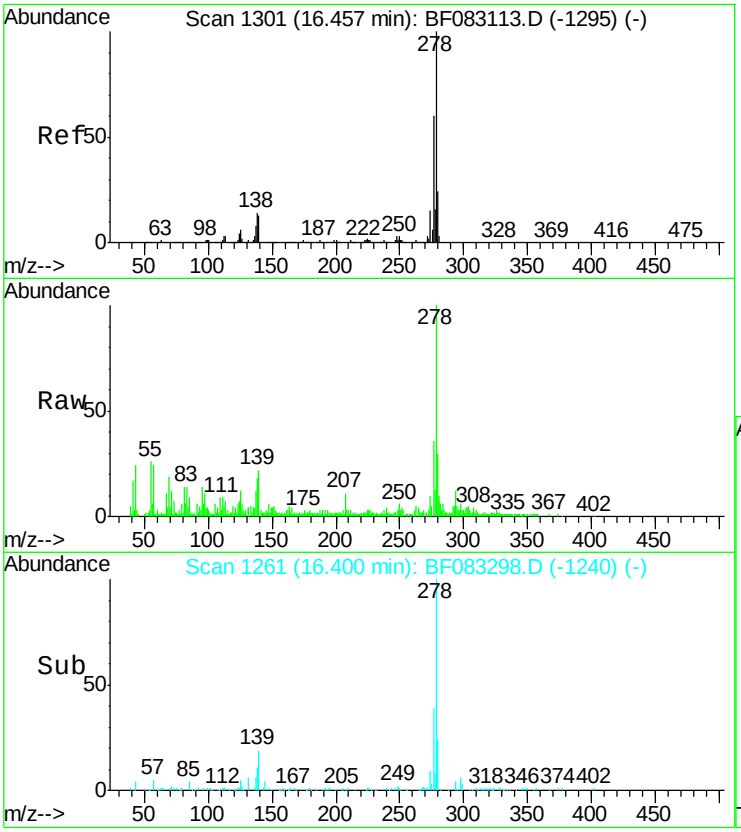


#89
Benzo(a)pyrene
Concen: 101.47 ng
RT: 15.06 min Scan# 1144
Delta R.T. -0.06 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:252 Resp: 1943838

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	13.0	5.4	8.0#



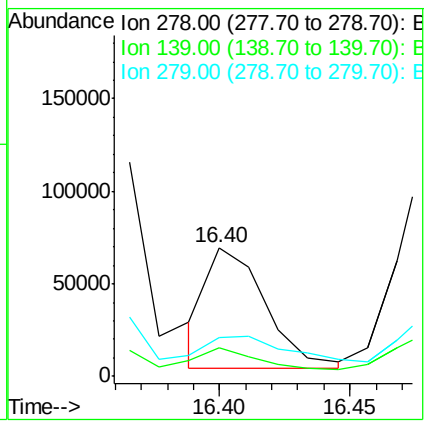


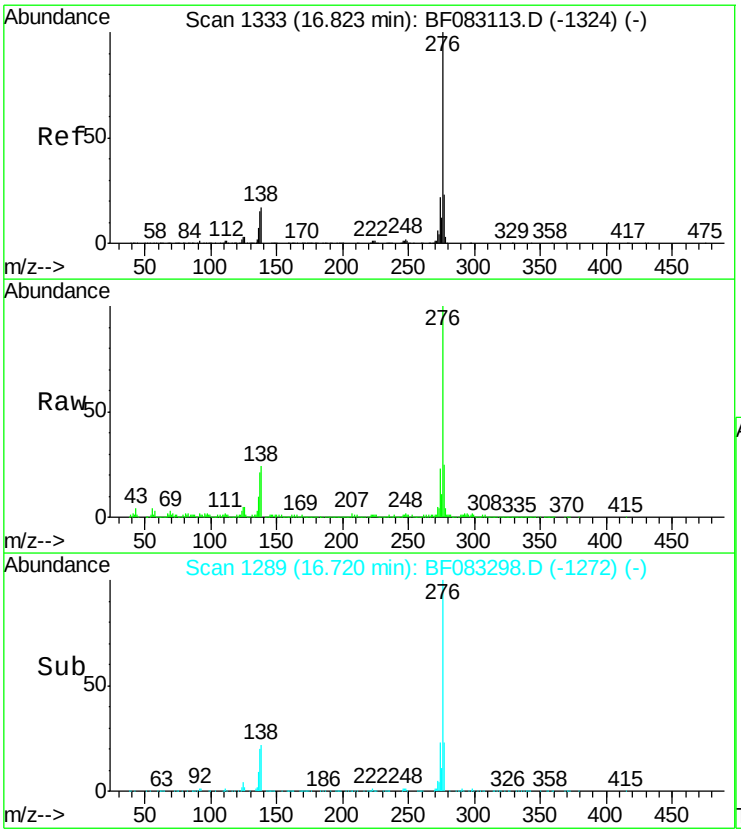
#90
Dibenzo(a,h)anthracene
Concen: 5.86 ng
RT: 16.40 min Scan# 1261
Delta R.T. -0.06 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Instrument :
BNA_F
ClientSampleId :
PM-1350

Tgt Ion:278 Resp: 102025

Ion	Ratio	Lower	Upper
278	100		
139	22.3	10.7	16.1#
279	29.9	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 60.96 ng
RT: 16.72 min Scan# 1289
Delta R.T. -0.10 min
Lab File: BF083298.D
Acq: 26 Nov 2015 3:12

Tgt Ion:276 Resp: 1035509

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.7	28.1
138	24.3	13.9	20.9#