Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

Quant Time: Nov 24 04:39:10 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	6.64	152	202595	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	759876	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	349228	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	522318	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	425074	20.00	ng		-0.02
86) Perylene-d12	15.14	264	329953	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1688311	125.99	ng		-0.02
7) Phenol-d6	6.32	99	2223788	128.26	ng		-0.02
23) Nitrobenzene-d5	7.21	82	1236697	74.37	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	261978	73.33	ng		-0.02
44) 2-Fluorobiphenyl	9.02	172	1949976	77.86	ng		-0.01
78) Terphenyl-d14	12.74	244	1182632	65.52	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.32	77	4051	Below Cal		#	10
19) n-Nitroso-di-n-propylamine	7.21	70	161883	13.42	ng	#	81
31) Naphthalene	7.95	128	224502	5.47	ng		100
49) Dimethylphthalate	9.42	163	613777	22.83	ng		98
51) Acenaphthene	9.71	154	110494	5.02	ng		98
54) Dibenzofuran	9.88	168	120415	3.87	ng		94
55) 4-Nitrophenol	9.88	139	43657	8.85	ng	#	1
56) 2,4-Dinitrotoluene	9.68	165	46635	6.10	ng	#	10
57) Fluorene	10.22	166	124418	4.84	ng		99
66) 4-Bromophenyl-phenylether	10.47	248	18978	3.27	ng	#	1
70) Phenanthrene	11.18	178	1419062	47.16	ng		99
71) Anthracene	11.23	178	358525	11.68	ng		97
72) Carbazole	11.39	167	223305	8.18	ng		98
74) Fluoranthene	12.37	202	1817000	59.00	ng		98
77) Pyrene	12.59	202	1694477	58.35	ng		99
80) Benzo(a)anthracene	13.77	228	1050172	39.95	ng		99
82) Chrysene	13.81	228	728297	29.87	ng		97
85) Indeno(1,2,3-cd)pyrene	16.41	276	351425	15.85	ng		95
87) Benzo(b)fluoranthene	14.78	252	1276526	56.62	ng	#	94
88) Benzo(k)fluoranthene	14.78	252	1276526	76.00	ng	#	95
89) Benzo(a)pyrene	15.10	252	615807	33.08	ng	#	96
90) Dibenzo(a,h)anthracene	16.56	278	77960	4.61	ng		95
91) Benzo(g,h,i)perylene	16.78	276	290148	17.58	ng	#	94

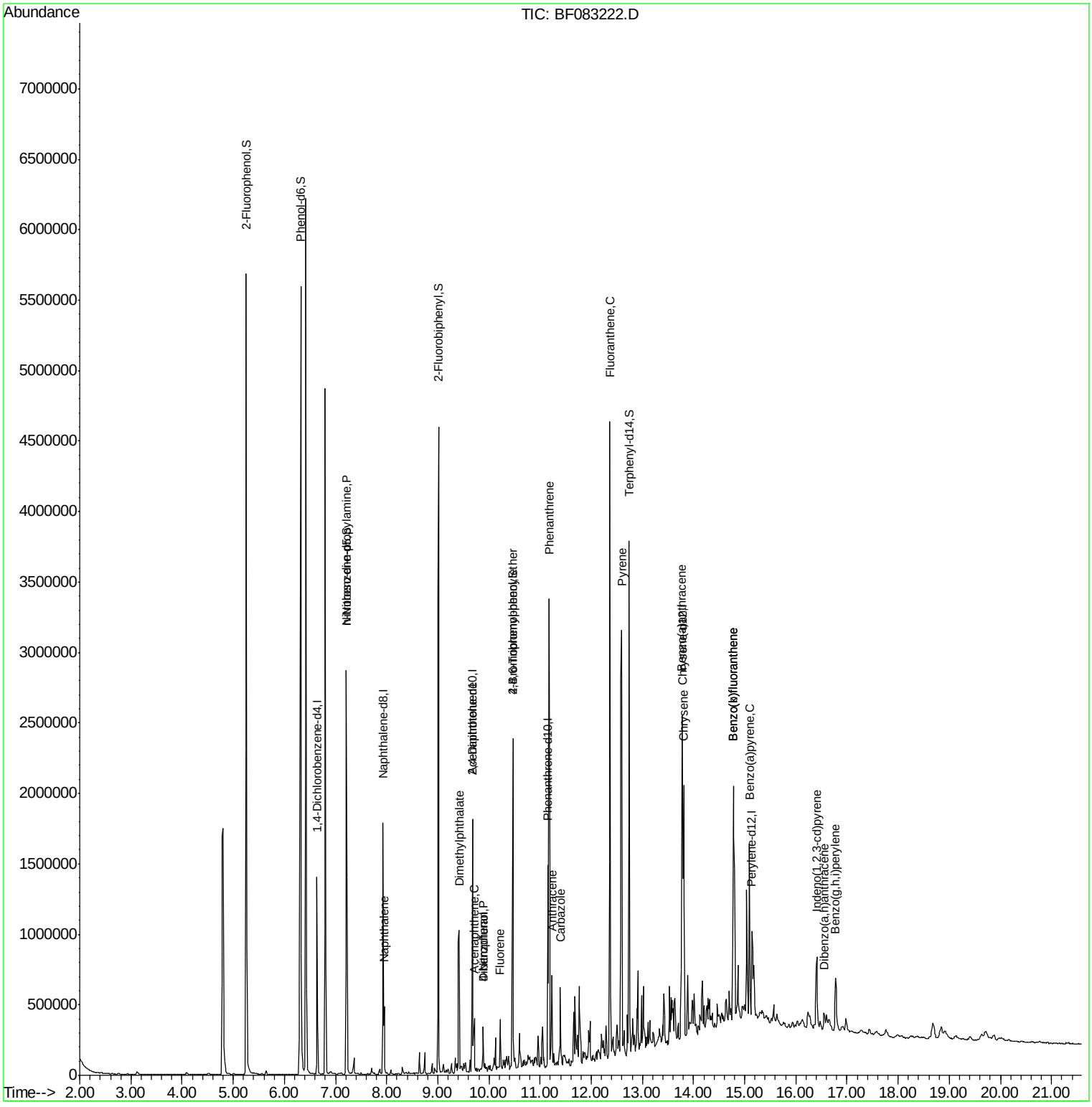
(#) = qualifier out of range (m) = manual integration (+) = signals summed

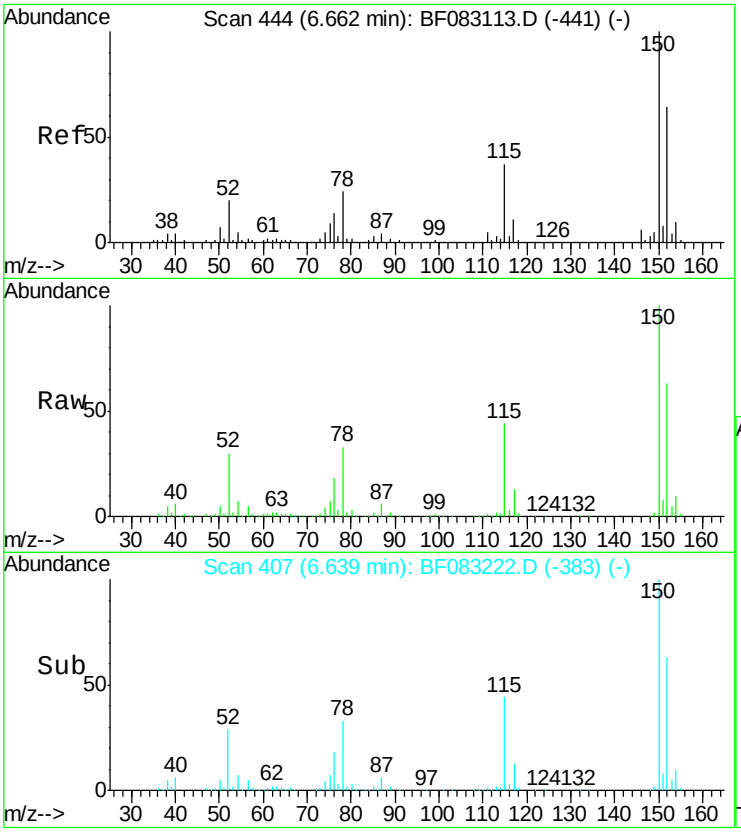
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7

Quant Time: Nov 24 04:39:10 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



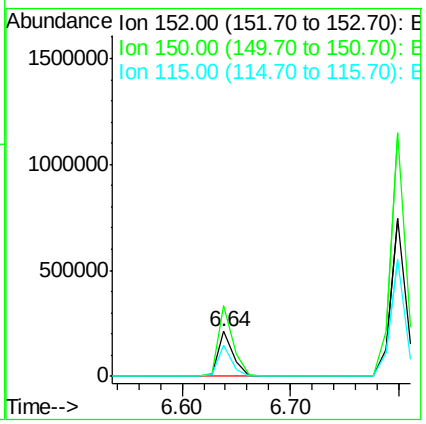


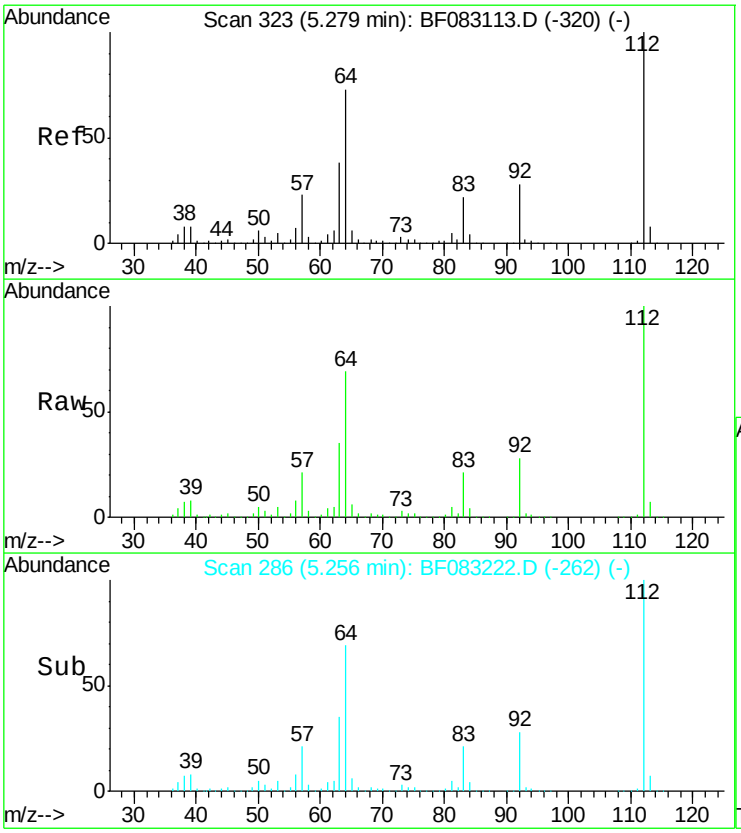
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:152 Resp: 202595

Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.8	188.8
115	69.1	46.9	70.3

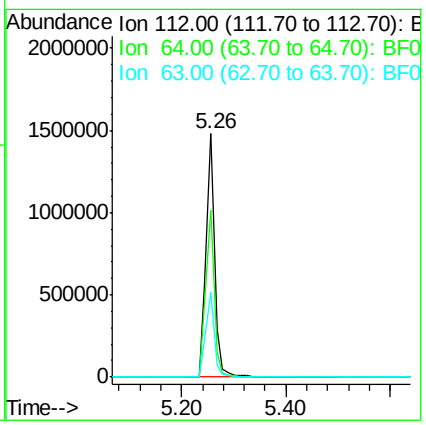


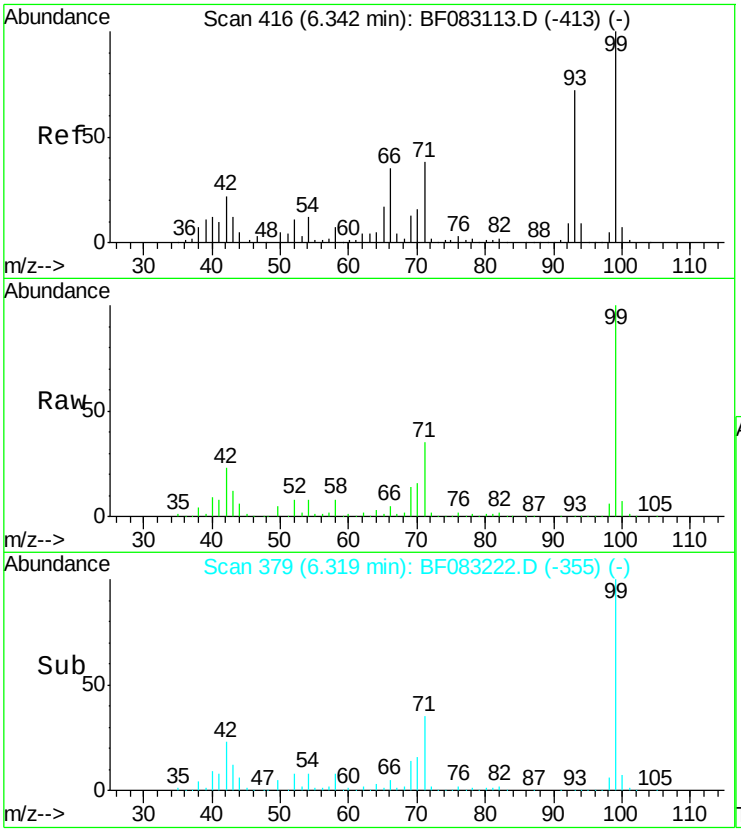


#5
2-Fluorophenol
Concen: 125.99 ng
RT: 5.26 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:112 Resp: 1688311

Ion	Ratio	Lower	Upper
112	100		
64	68.6	58.4	87.6
63	34.9	30.0	45.0



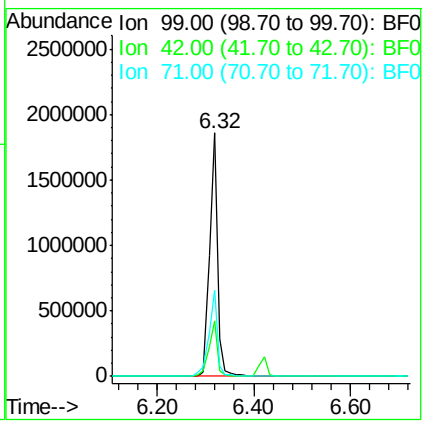


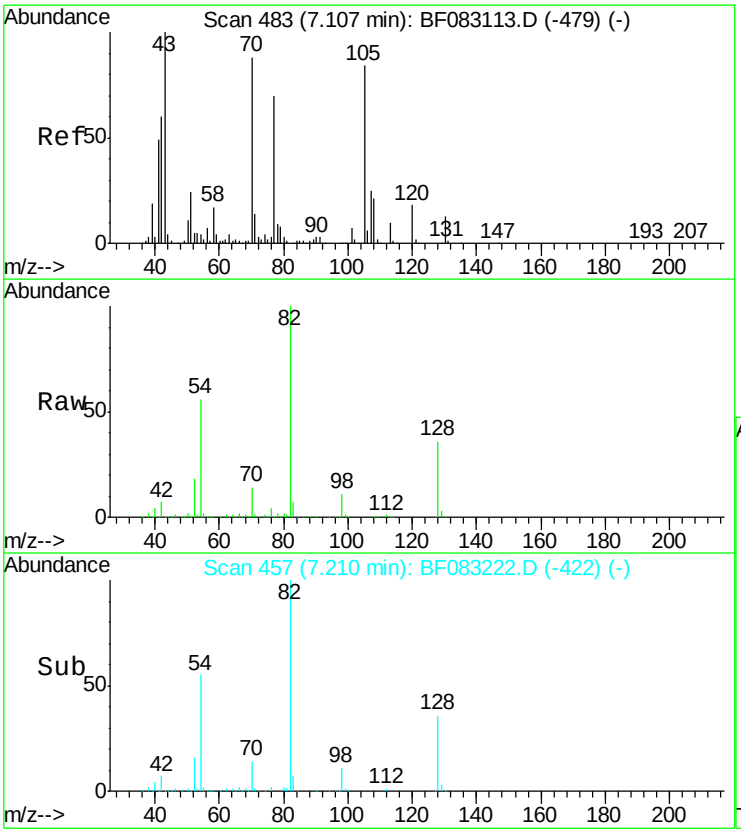
#7
Phenol-d6
Concen: 128.26 ng
RT: 6.32 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion: 99 Resp: 2223788

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.7	26.5
71	35.4	30.2	45.4

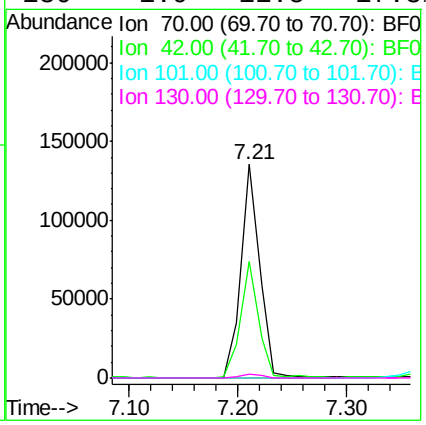


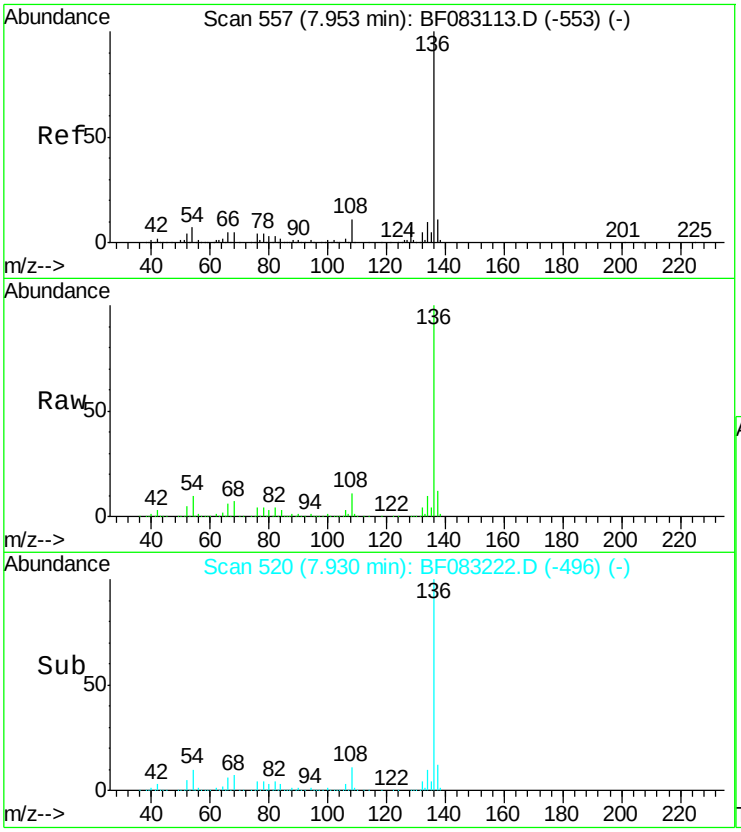


#19
n-Nitroso-di-n-propylamine
Concen: 13.42 ng
RT: 7.21 min Scan# 457
Delta R.T. 0.10 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion: 70 Resp: 161883

Ion	Ratio	Lower	Upper
70	100		
42	54.7	54.5	81.7
101	0.0	6.6	9.8#
130	1.9	11.5	17.3#



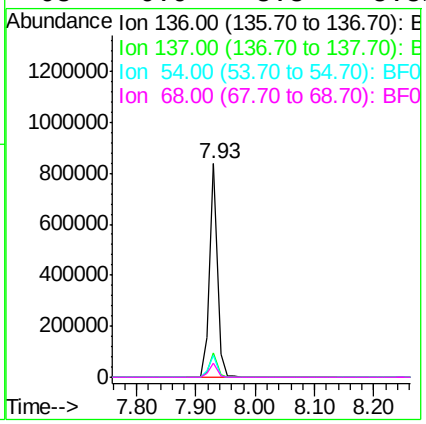


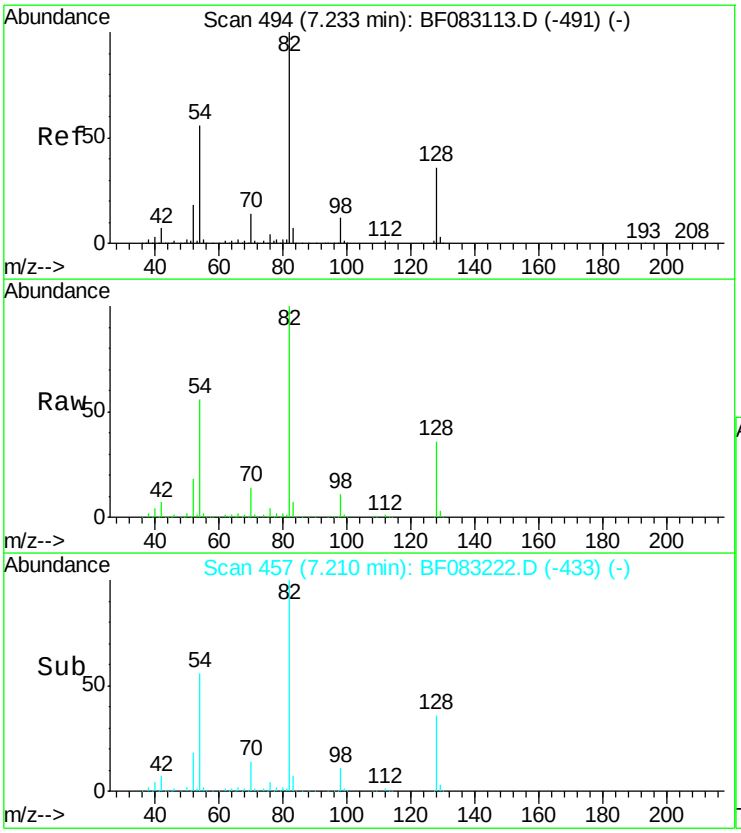
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:136 Resp: 759876

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	10.1	5.8	8.6#
68	6.9	3.8	5.8#

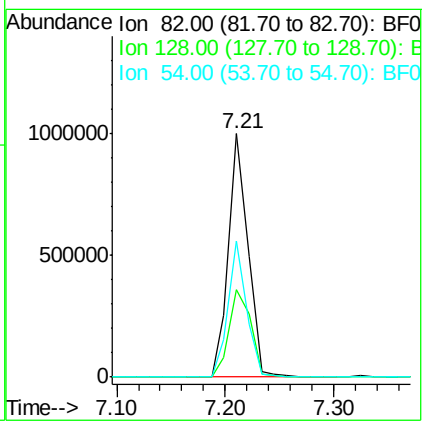


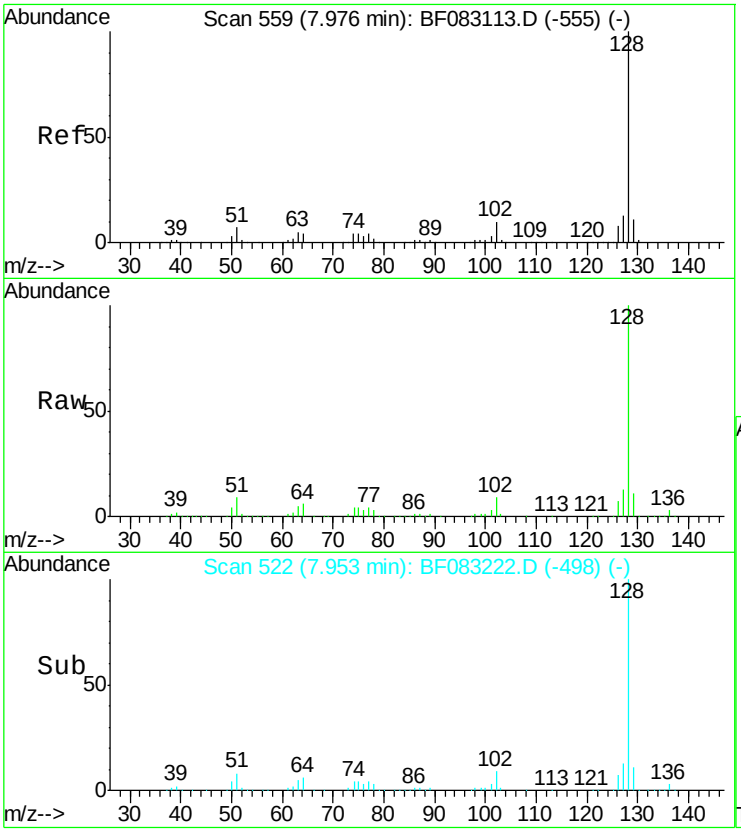


#23
Nitrobenzene-d5
Concen: 74.37 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion: 82 Resp: 1236697

Ion	Ratio	Lower	Upper
82	100		
128	36.0	28.5	42.7
54	56.0	44.6	67.0



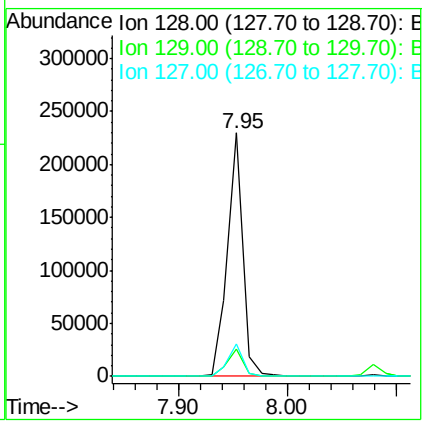


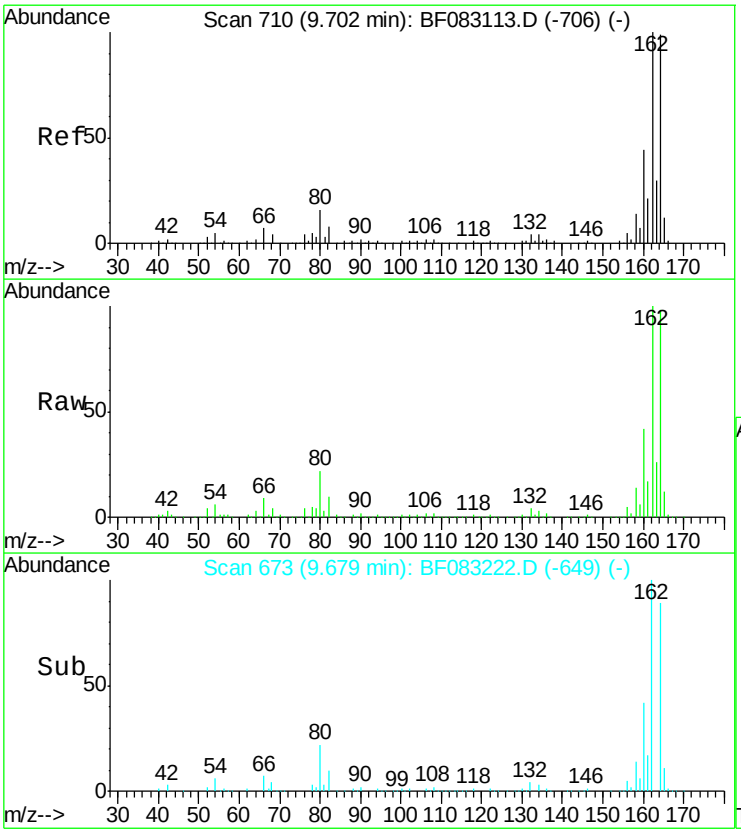
#31
Naphthalene
Concen: 5.47 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:128 Resp: 224502

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.2	10.6	15.8

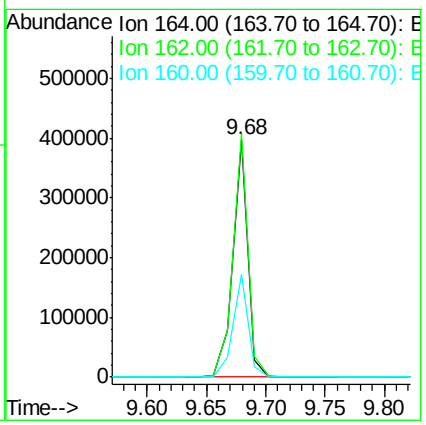


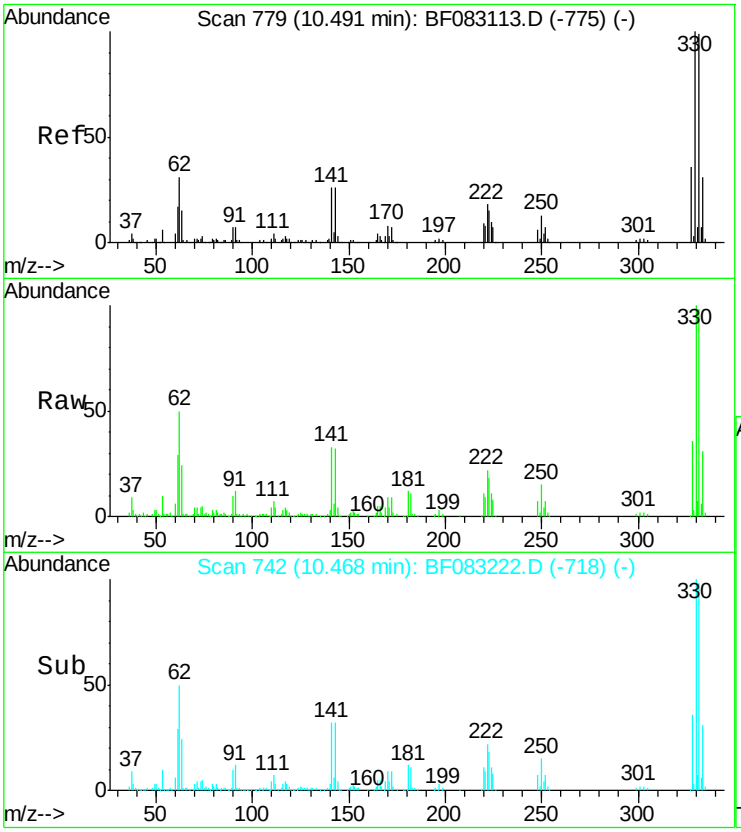


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:164 Resp: 349228

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.2	121.8
160	43.2	35.6	53.4



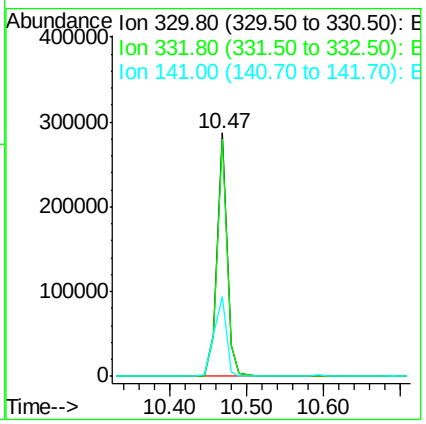


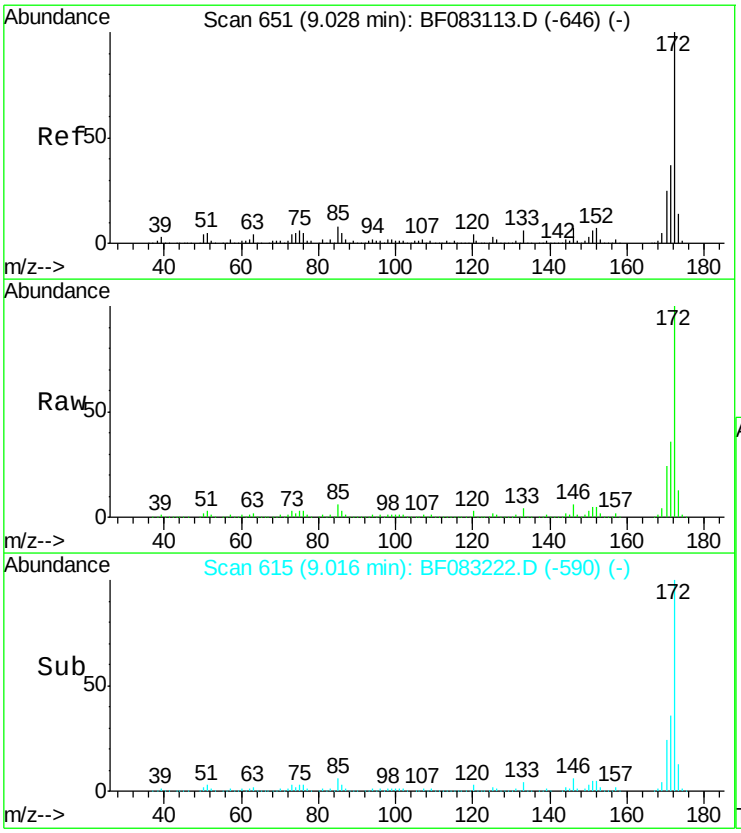
#41
2,4,6-Tribromophenol
Concen: 73.33 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:330 Resp: 261978

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.7	116.5
141	40.0	29.7	44.5

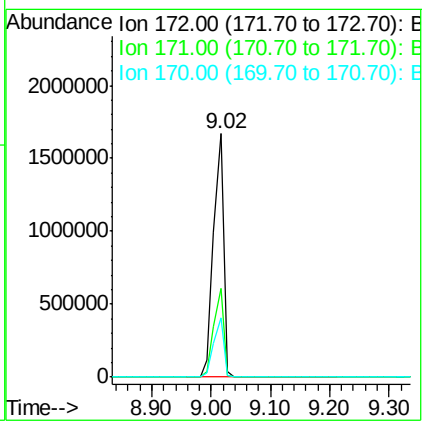


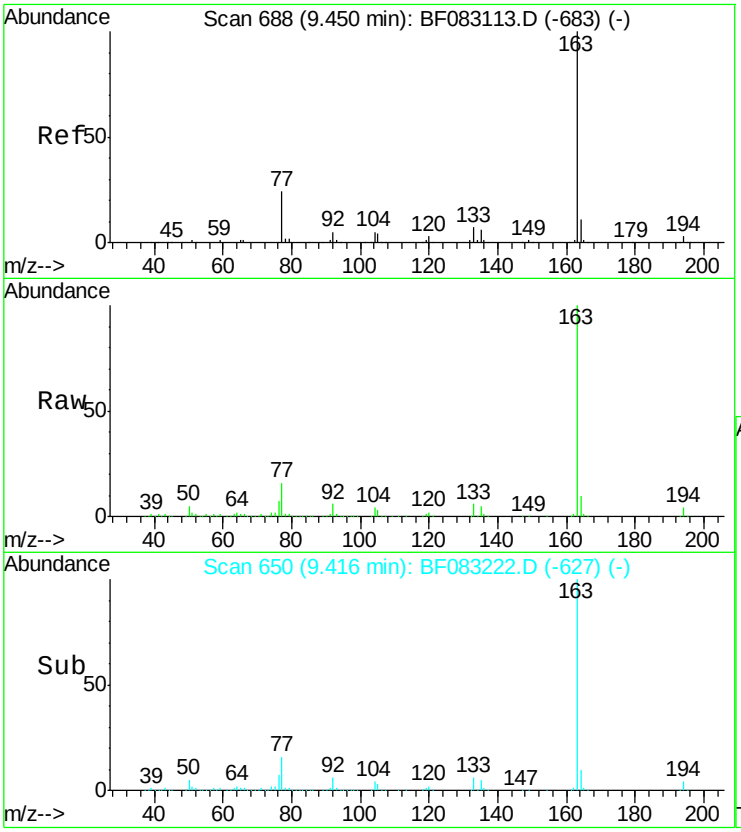


#44
2-Fluorobiphenyl
Concen: 77.86 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:172 Resp: 1949976

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.5	44.3
170	24.4	19.9	29.9



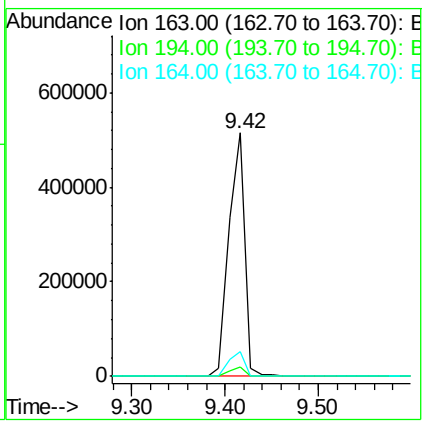


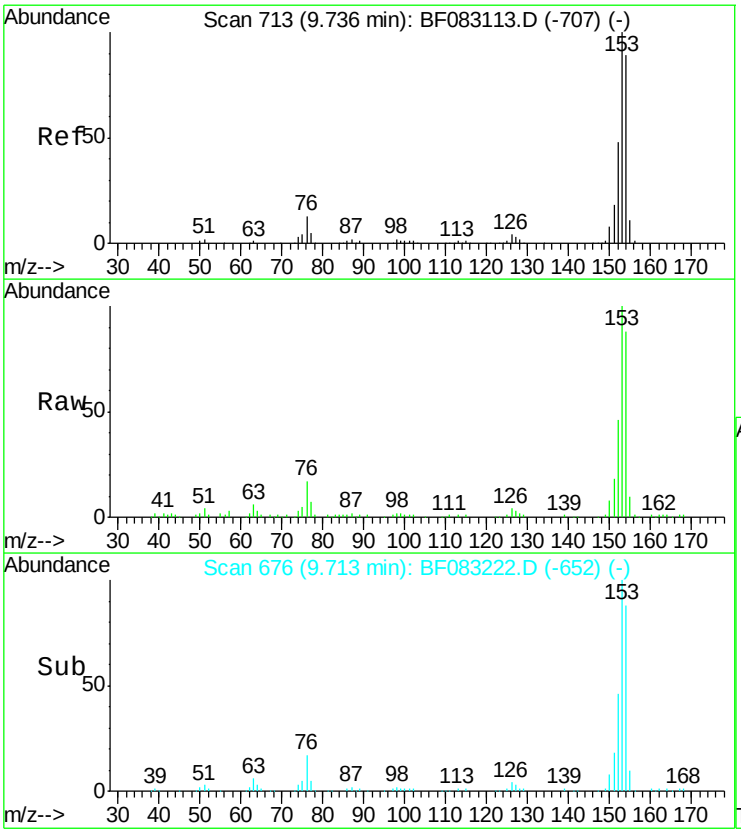
#49
Dimethylphthalate
Concen: 22.83 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:163 Resp: 613777

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.9	8.6	12.8

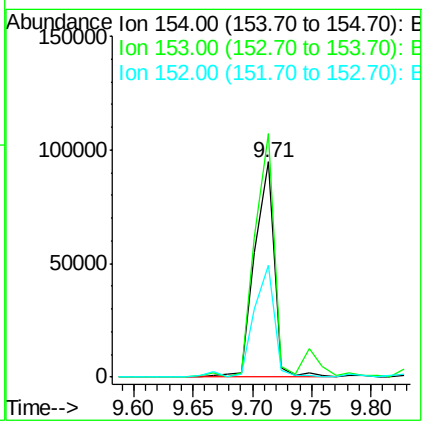


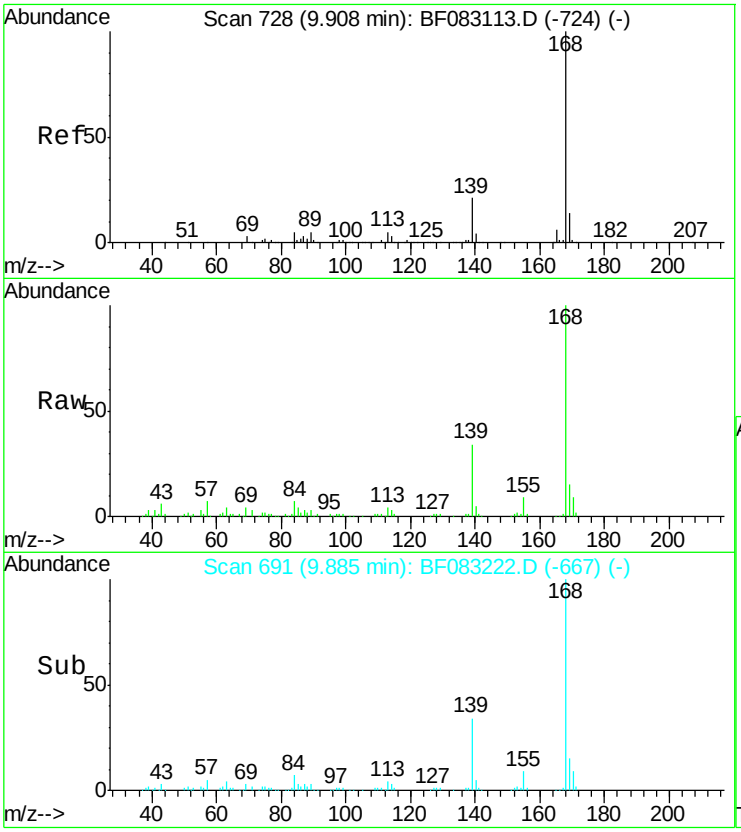


#51
Acenaphthene
Concen: 5.02 ng
RT: 9.71 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:154 Resp: 110494

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.6	134.4
152	52.2	43.3	64.9



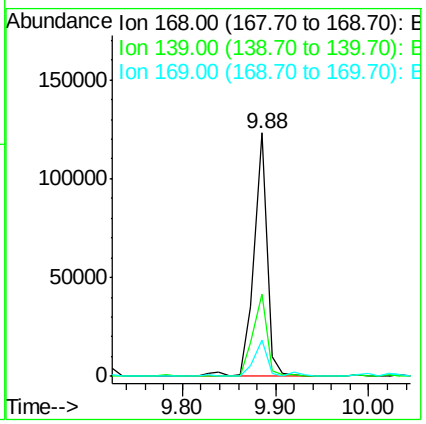


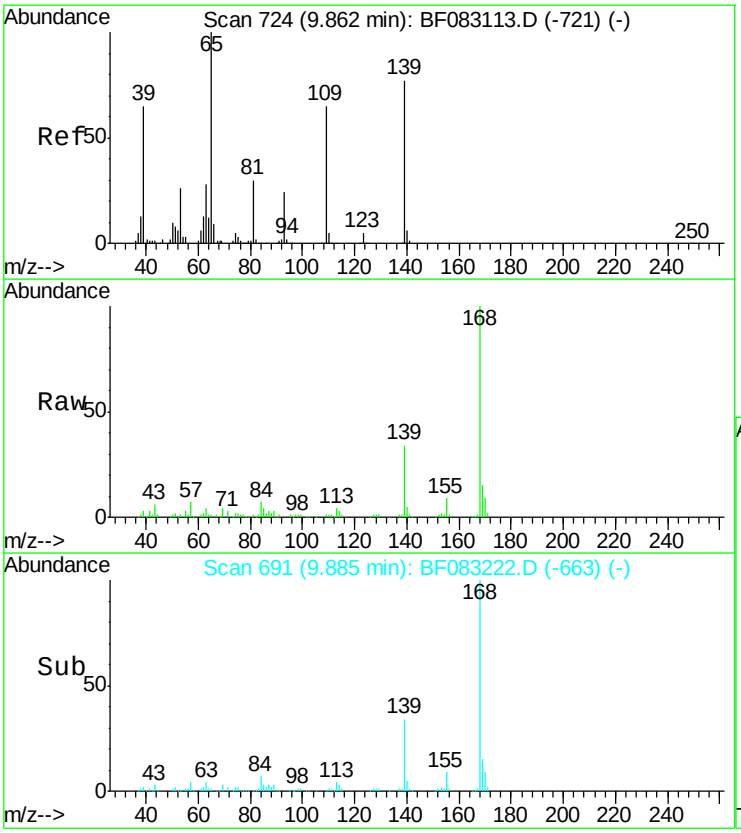
#54
Dibenzofuran
Concen: 3.87 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:168 Resp: 120415

Ion	Ratio	Lower	Upper
168	100		
139	34.0	30.2	45.2
169	15.1	10.9	16.3

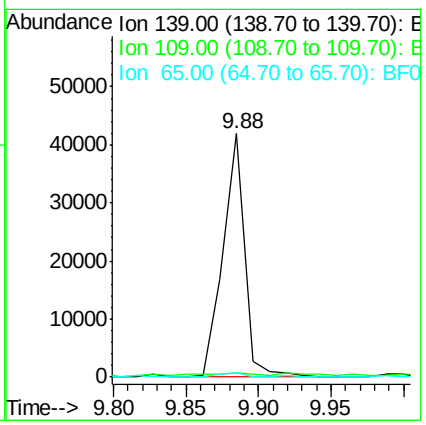


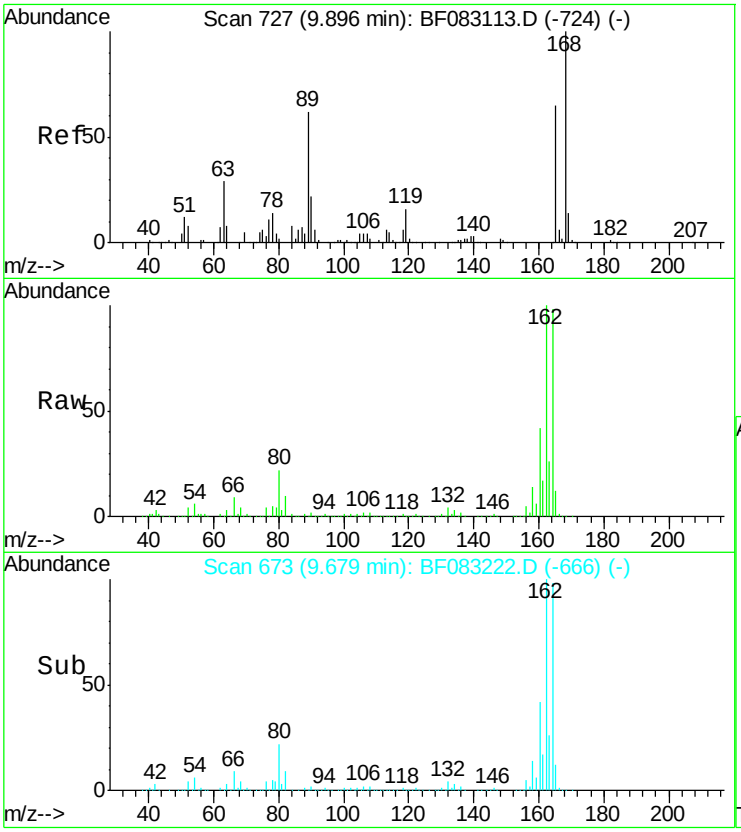


#55
4-Nitrophenol
Concen: 8.85 ng
RT: 9.88 min Scan# 691
Delta R.T. 0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:139 Resp: 43657

Ion	Ratio	Lower	Upper
139	100		
109	1.9	64.0	104.0#
65	1.9	109.5	149.5#



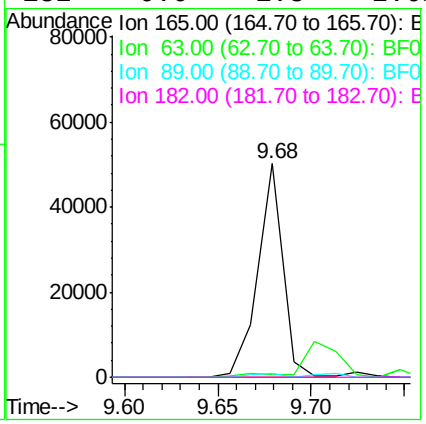


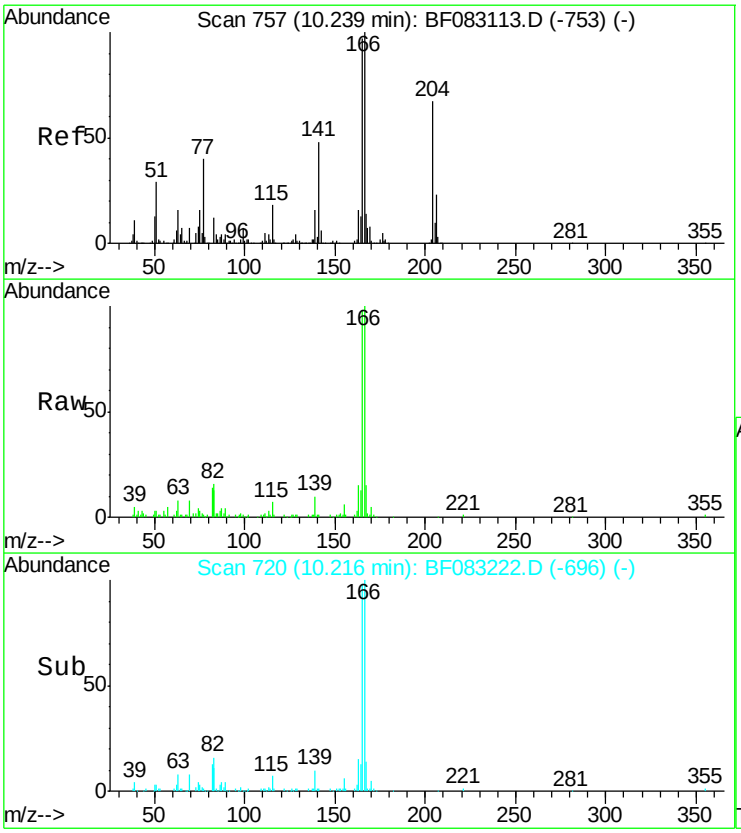
#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.22 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:165 Resp: 46635

Ion	Ratio	Lower	Upper
165	100		
63	1.3	54.5	81.7#
89	2.0	77.3	115.9#
182	0.0	1.8	2.6#

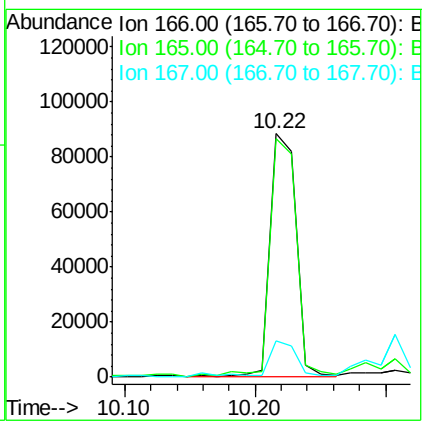


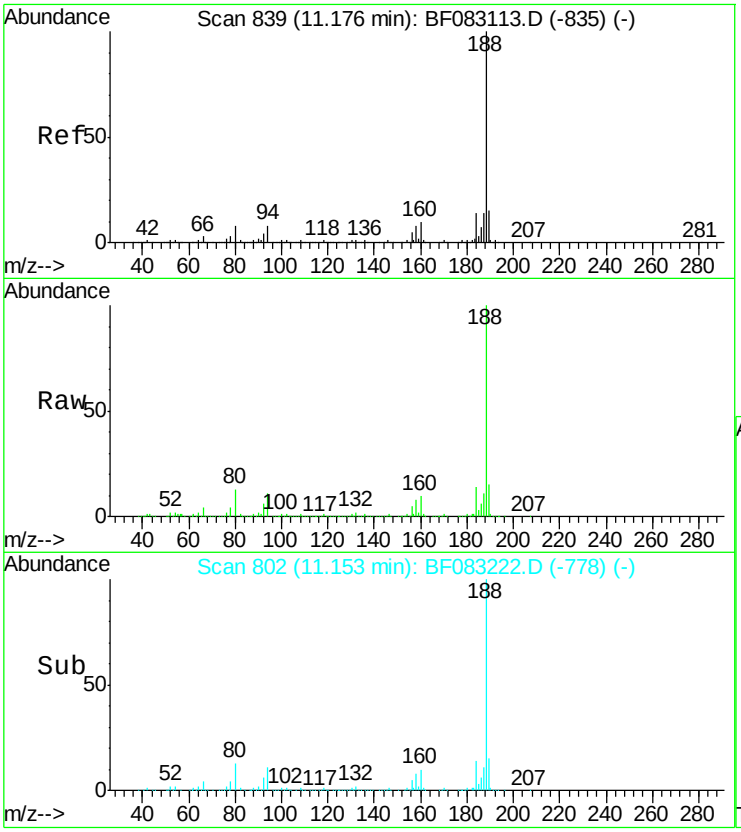


#57
Fluorene
Concen: 4.84 ng
RT: 10.22 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:166 Resp: 124418

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.0	117.0
167	14.9	11.3	16.9



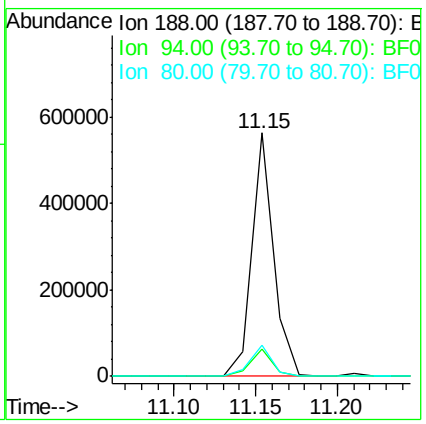


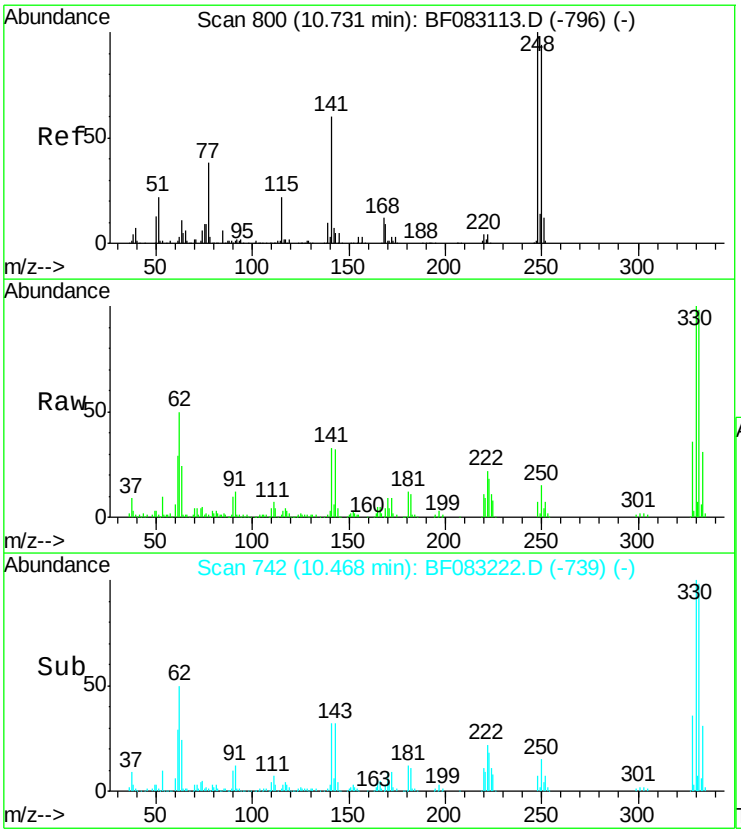
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:188 Resp: 522318

Ion	Ratio	Lower	Upper
188	100		
94	11.3	6.0	9.0#
80	12.9	6.7	10.1#

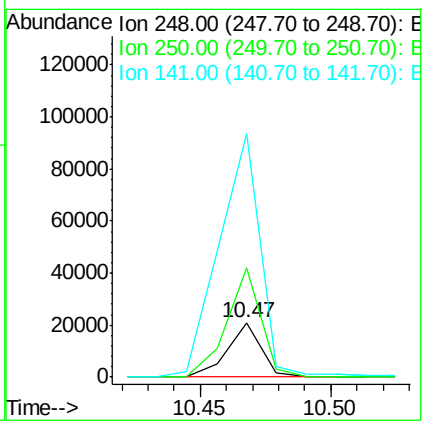


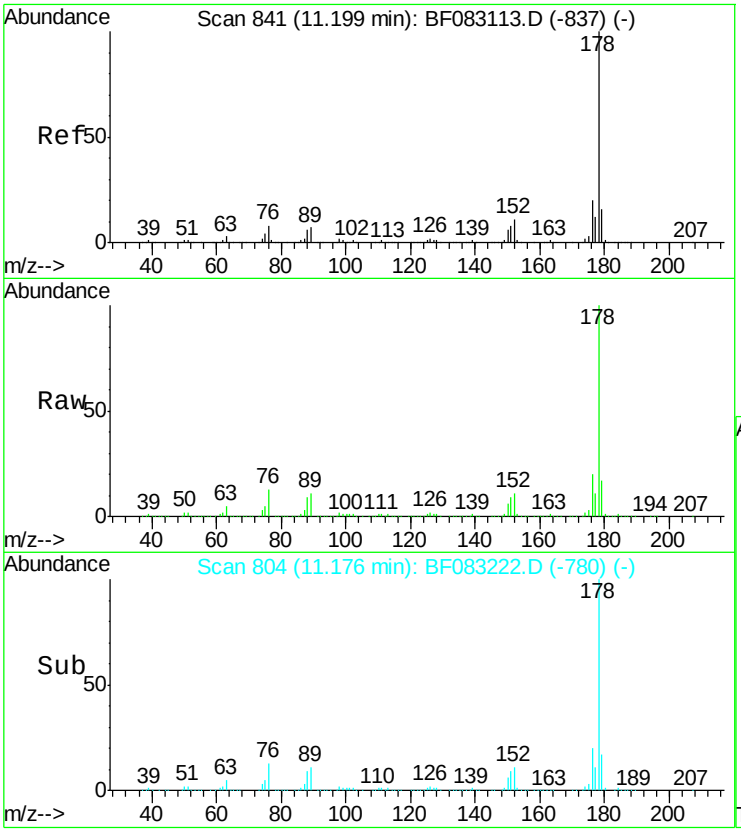


#66
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.26 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:248 Resp: 18978

Ion	Ratio	Lower	Upper
248	100		
250	201.5	75.4	113.2#
141	448.7	48.1	72.1#



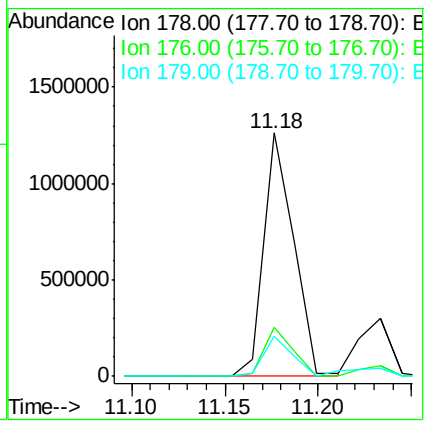


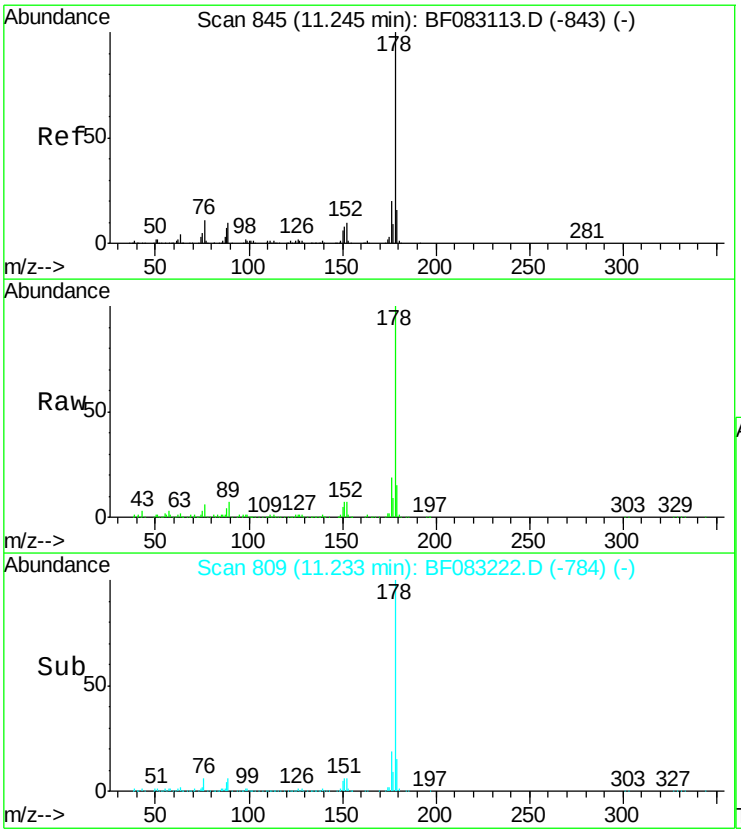
#70
Phenanthrene
Concen: 47.16 ng
RT: 11.18 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:178 Resp: 1419062

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.2
179	16.6	12.8	19.2

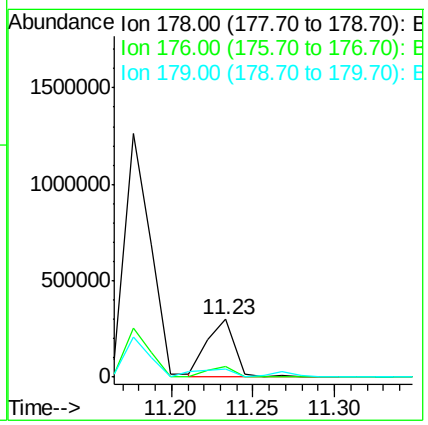


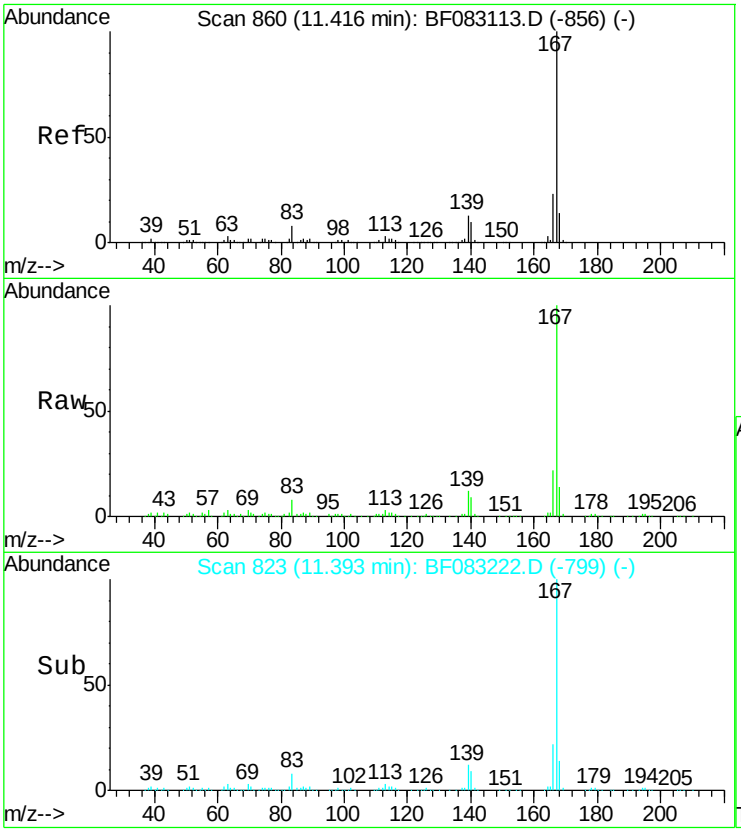


#71
Anthracene
Concen: 11.68 ng
RT: 11.23 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:178 Resp: 358525

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	14.7	13.2	19.8



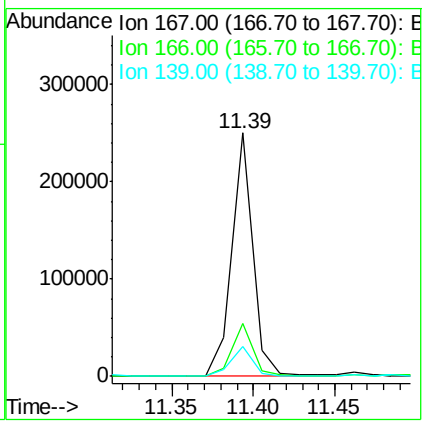


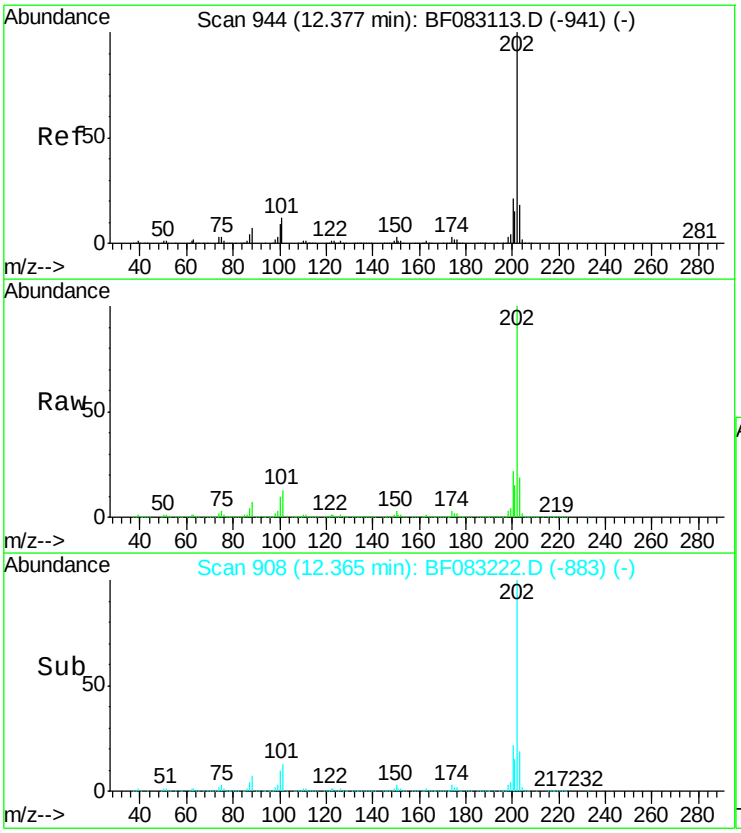
#72
Carbazole
Concen: 8.18 ng
RT: 11.39 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:167 Resp: 223305

Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.0	27.0
139	12.1	10.5	15.7

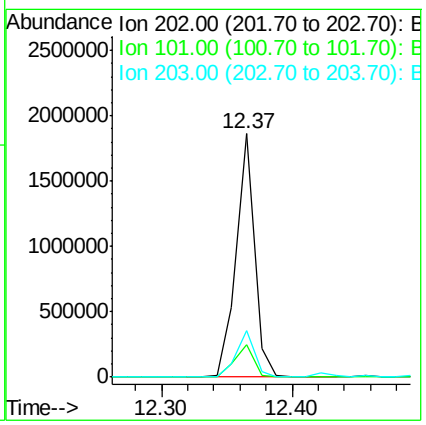


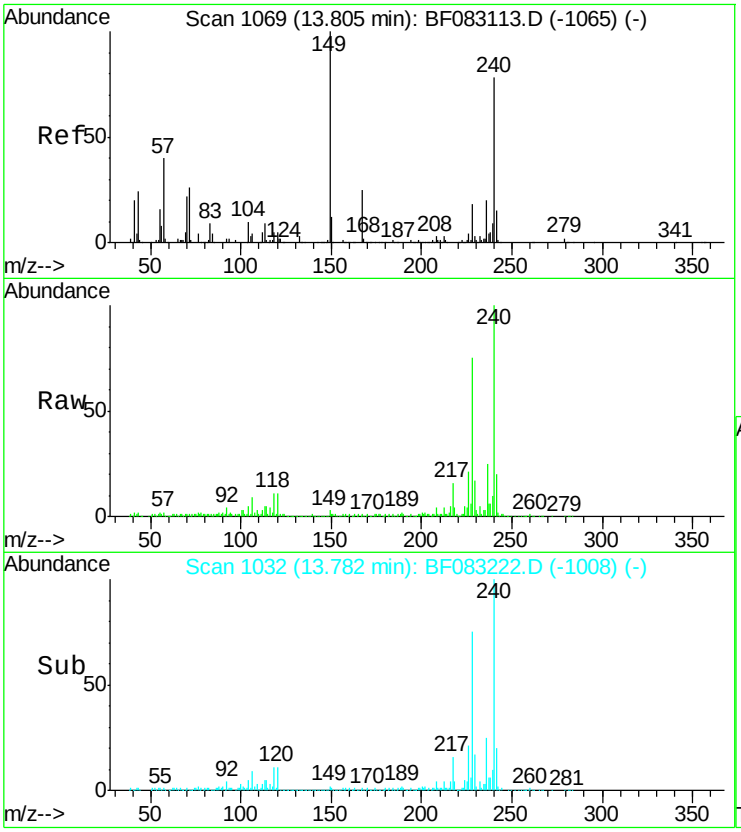


#74
Fluoranthene
Concen: 59.00 ng
RT: 12.37 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:202 Resp: 1817000

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.3
203	19.1	0.0	38.4



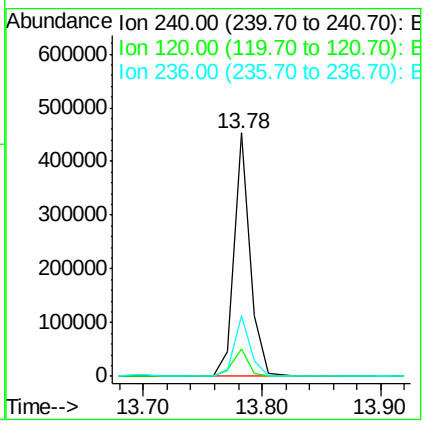


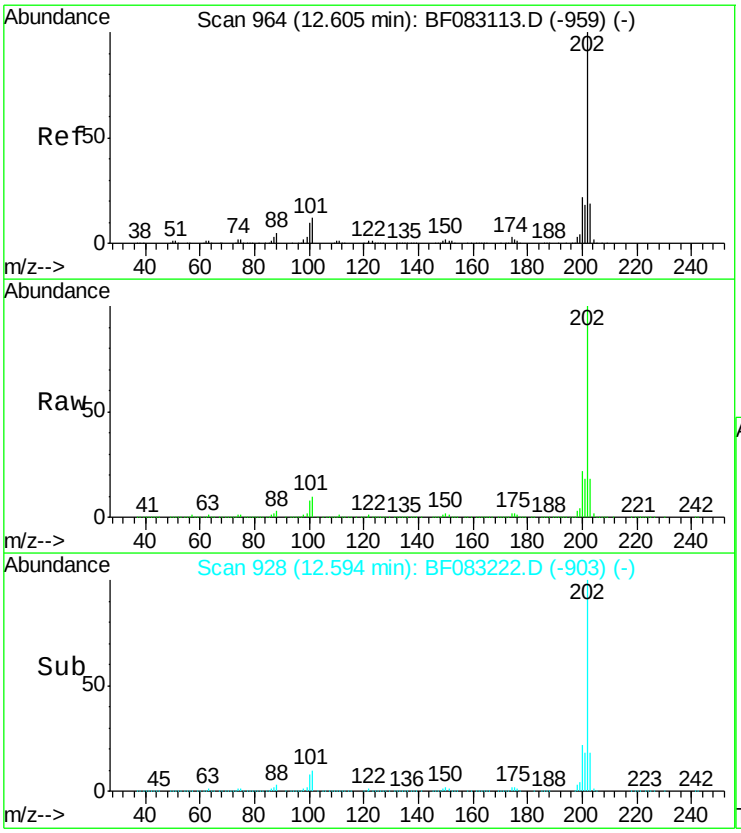
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:240 Resp: 425074

Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.4	8.2#
236	25.0	20.6	31.0

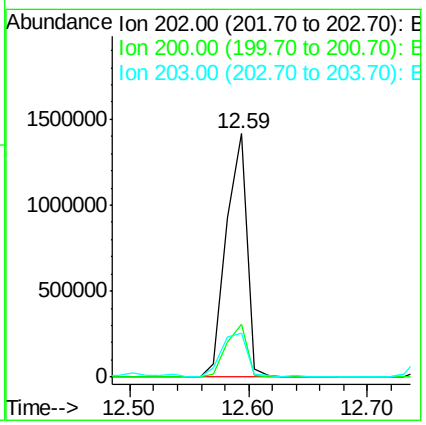


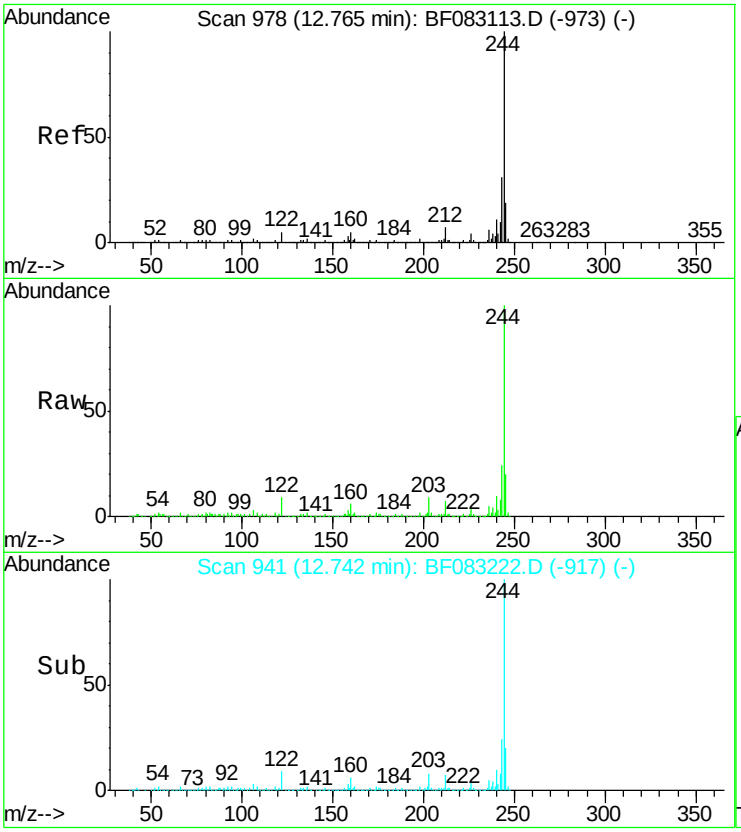


#77
Pyrene
Concen: 58.35 ng
RT: 12.59 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:202 Resp: 1694477

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	18.2	15.0	22.4



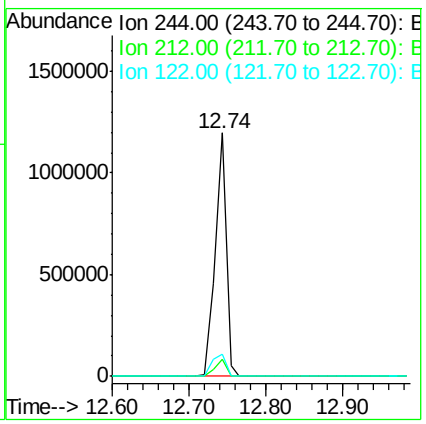


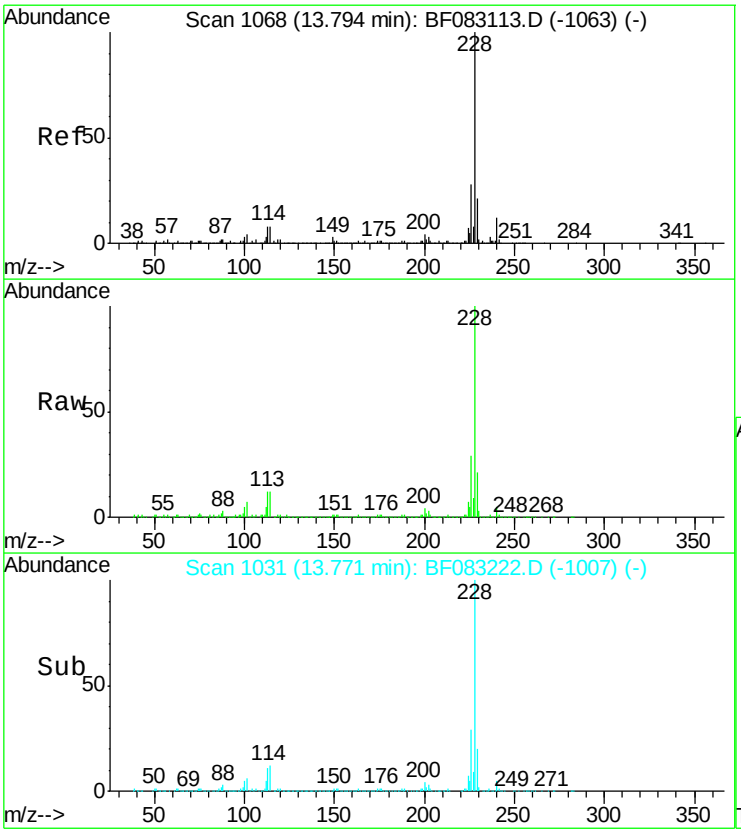
#78
Terphenyl-d14
Concen: 65.52 ng
RT: 12.74 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:244 Resp: 1182632

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	9.2	4.3	6.5#

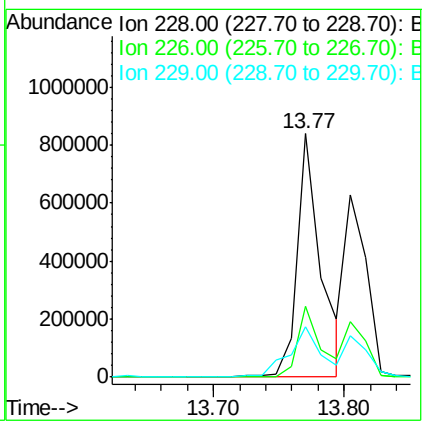


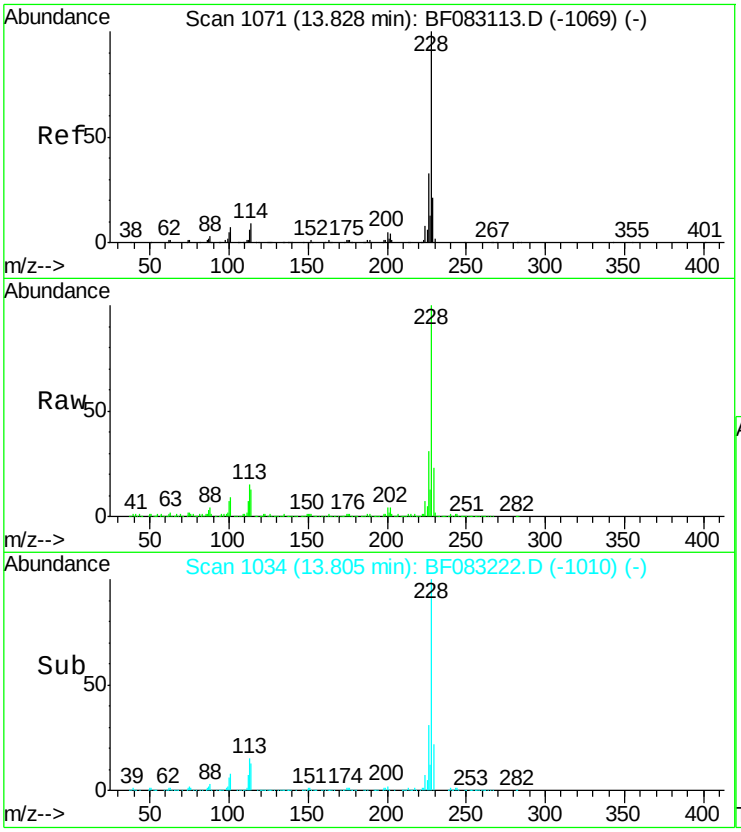


#80
Benzo(a)anthracene
Concen: 39.95 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:228 Resp: 1050172

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.6	16.6	24.8



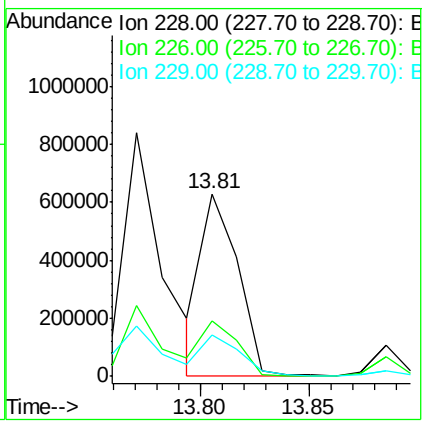


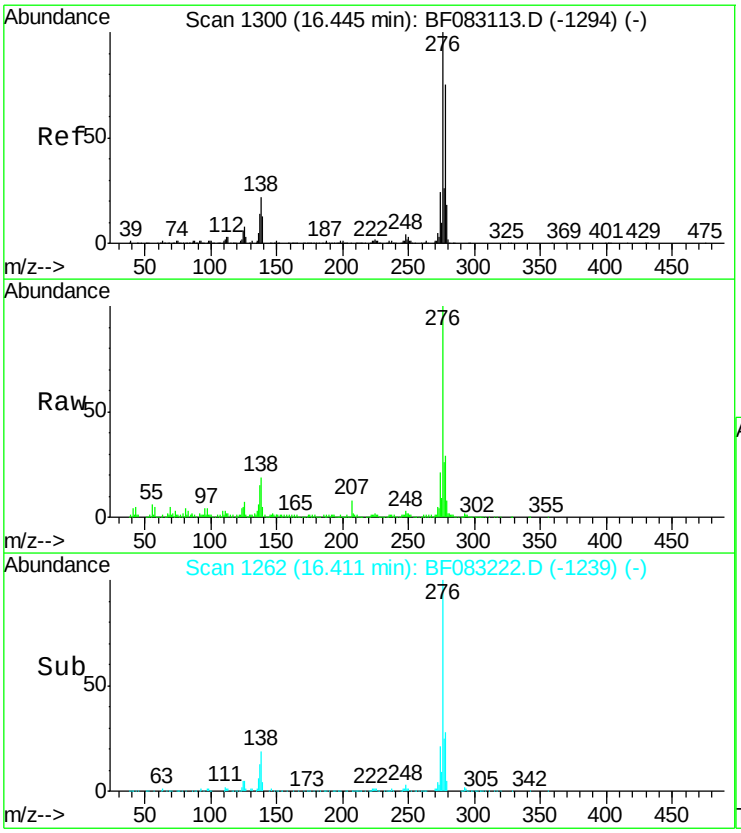
#82
Chrysene
Concen: 29.87 ng
RT: 13.81 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:228 Resp: 728297

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.5	38.3
229	22.5	16.6	25.0

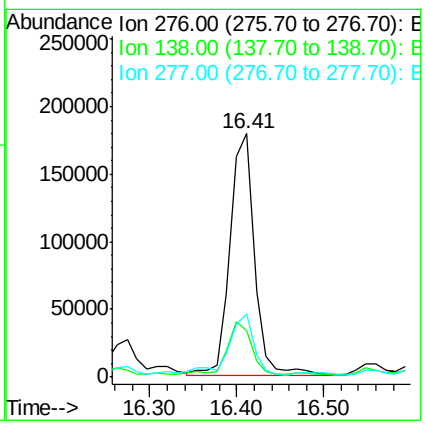


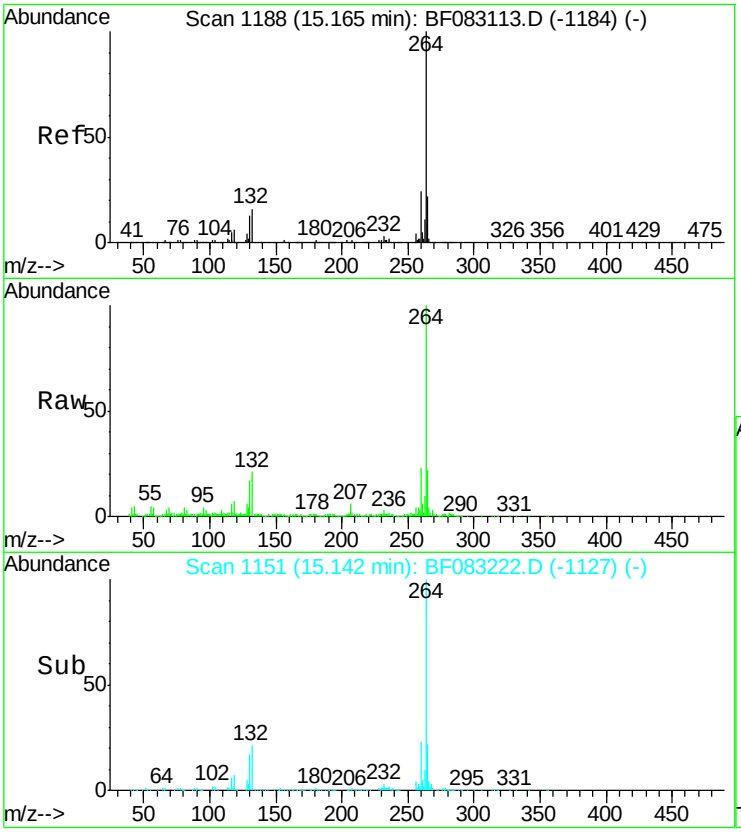


#85
Indeno(1,2,3-cd)pyrene
Concen: 15.85 ng
RT: 16.41 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:276 Resp: 351425

Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.0	27.0
277	28.7	20.2	30.4



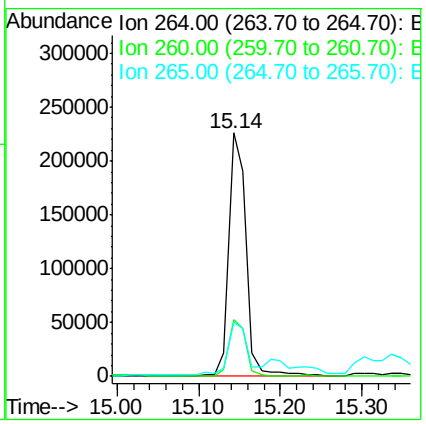


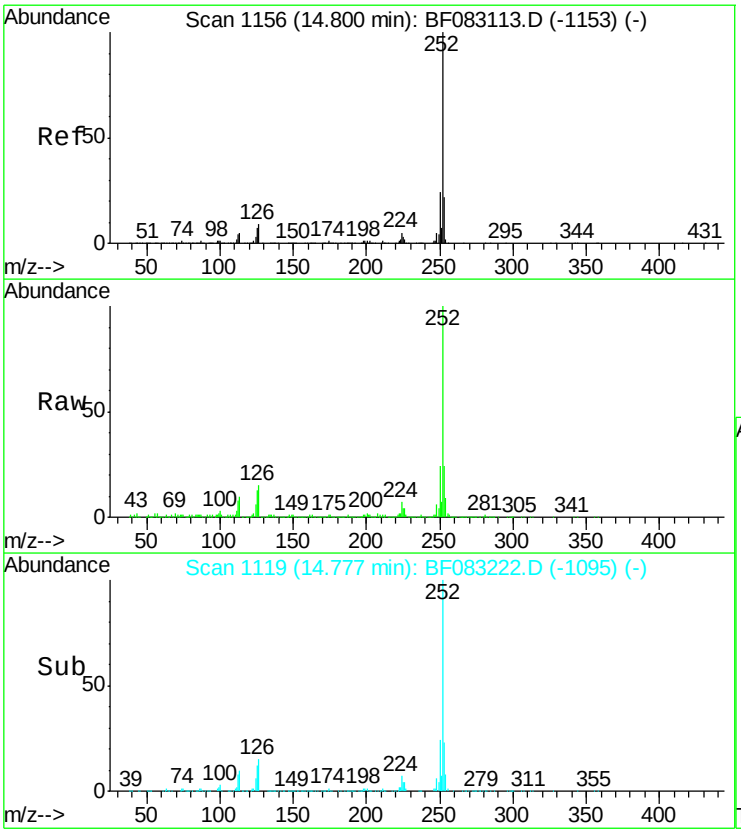
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:264 Resp: 329953

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	22.1	18.2	27.4

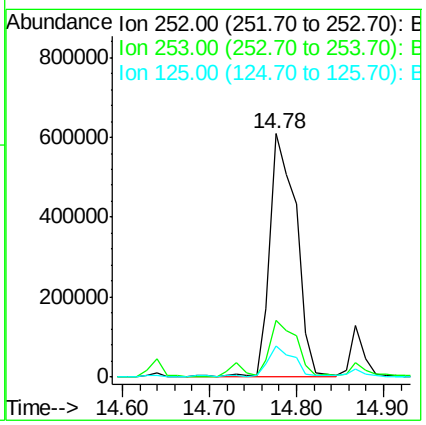


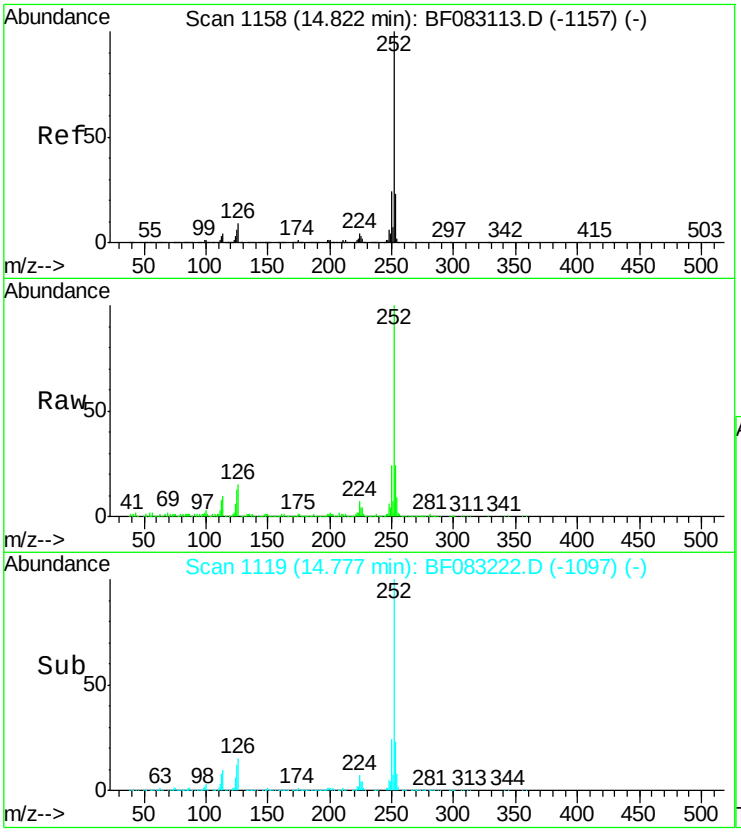


#87
Benzo(b)fluoranthene
Concen: 56.62 ng
RT: 14.78 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:252 Resp: 1276526

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	12.8	5.6	8.4#



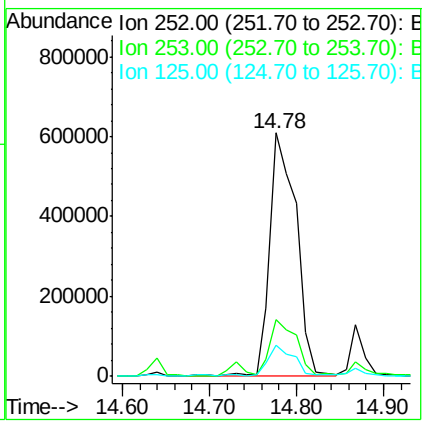


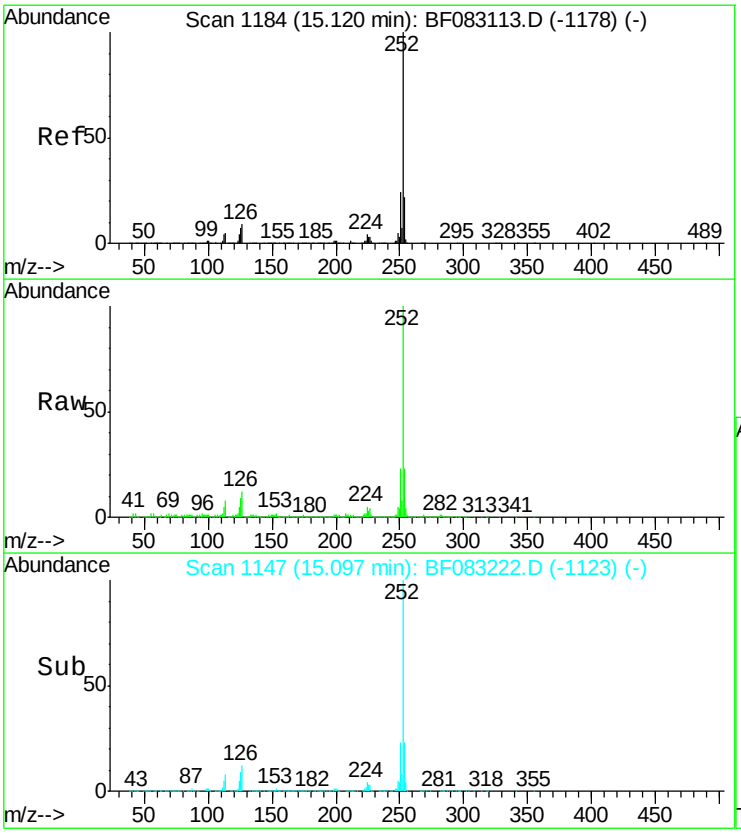
#88
Benzo(k)fluoranthene
Concen: 76.00 ng
RT: 14.78 min Scan# 1119
Delta R.T. -0.05 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:252 Resp: 1276526

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	12.8	6.8	10.2#

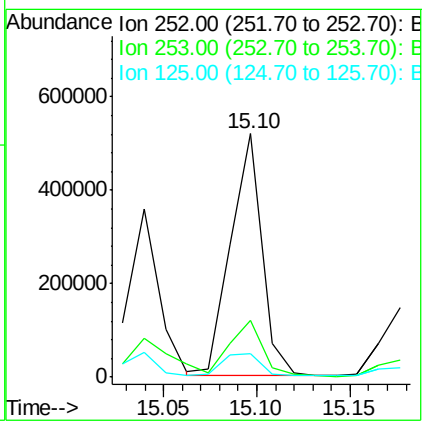


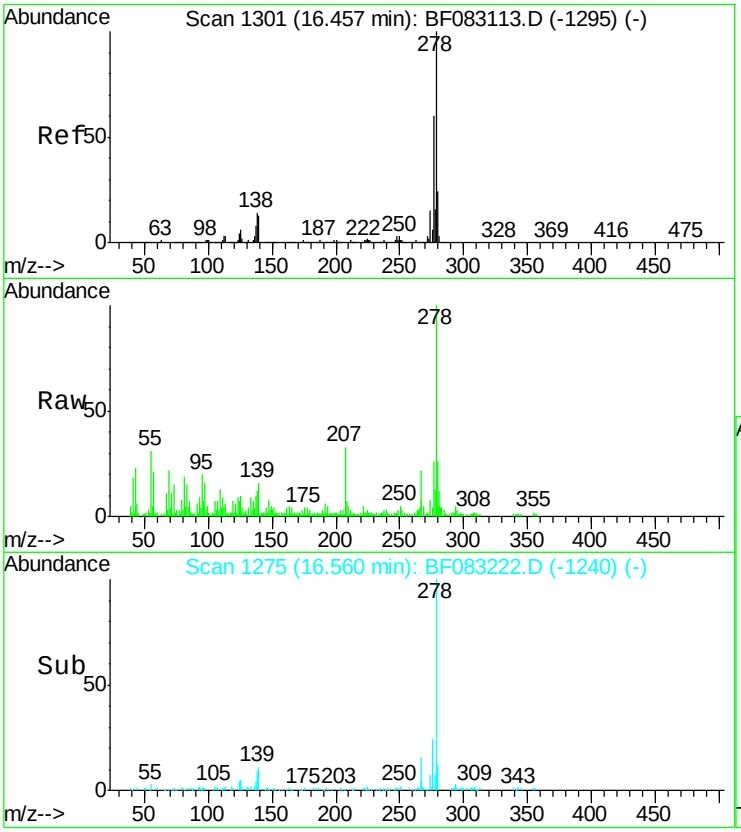


#89
Benzo(a)pyrene
Concen: 33.08 ng
RT: 15.10 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:252 Resp: 615807

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	9.4	5.4	8.0#



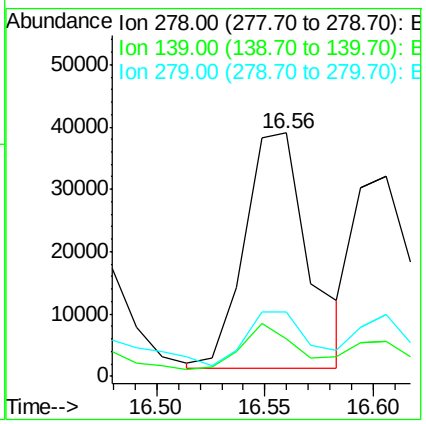


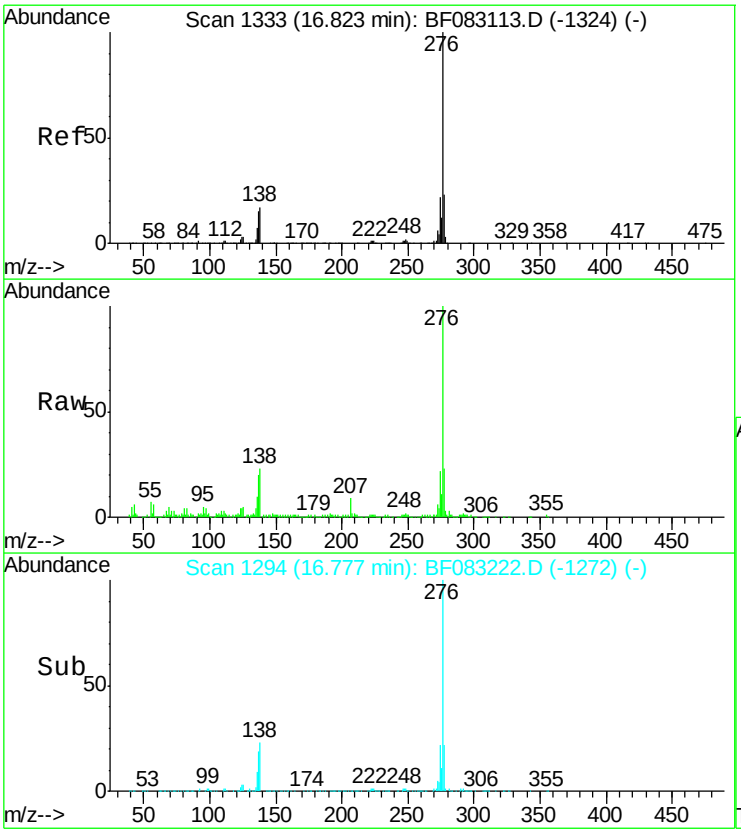
#90
Dibenzo(a,h)anthracene
Concen: 4.61 ng
RT: 16.56 min Scan# 1275
Delta R.T. 0.10 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:278 Resp: 77960

Ion	Ratio	Lower	Upper
278	100		
139	15.6	10.7	16.1
279	26.4	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 17.58 ng
RT: 16.78 min Scan# 1294
Delta R.T. -0.05 min
Lab File: BF083222.D
Acq: 24 Nov 2015 00:04

Tgt Ion:276 Resp: 290148

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.7	28.1
138	23.4	13.9	20.9#