Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083297.D
Acq On : 26 Nov 2015 2:43
Operator : UM/IZ
Sample : G4426-08RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-8RE

Quant Time: Nov 26 03:15:48 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	177522	20.00	ng		-0.07
21) Naphthalene-d8	7.88	136	620368	20.00	ng		-0.07
38) Acenaphthene-d10	9.63	164	259344	20.00	ng		-0.07
63) Phenanthrene-d10	11.11	188	453879	20.00	ng		-0.07
75) Chrysene-d12	13.75	240	368676	20.00	ng		-0.06
86) Perylene-d12	15.10	264	318837	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1560257	132.88	ng		-0.08
7) Phenol-d6	6.27	99	2014904	132.62	ng		-0.07
23) Nitrobenzene-d5	7.16	82	1233359	90.84	ng		-0.07
41) 2,4,6-Tribromophenol	10.42	330	304302	114.69	ng		-0.07
44) 2-Fluorobiphenyl	8.96	172	1371283	73.73	ng		-0.07
78) Terphenyl-d14	12.70	244	1014034	64.77	ng		-0.07
Target Compounds							Qvalue
9) Benzaldehyde	6.27	77	3798	Below Cal		#	19
10) Phenol	6.28	94	37868	2.06	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	167100	15.80	ng	#	79
31) Naphthalene	7.91	128	622462	18.59	ng		99
33) 4-Chloroaniline	7.91	127	80915	6.23	ng	#	28
37) 2-Methylnaphthalene	8.59	142	179900	8.28	ng		96
45) 1,1'-Biphenyl	9.06	154	56106	2.54	ng		97
48) Acenaphthylene	9.48	152	84023	3.13	ng	#	96
49) Dimethylphthalate	9.36	163	464232	23.25	ng		100
51) Acenaphthene	9.66	154	368539	22.54	ng		98
54) Dibenzofuran	9.84	168	392690	16.98	ng		92
55) 4-Nitrophenol	9.84	139	142808	38.99	ng	#	1
57) Fluorene	10.17	166	465157	24.34	ng		100
66) 4-Bromophenyl-phenylether	10.42	248	21439	4.26	ng	#	1
70) Phenanthrene	11.14	178	3850203	147.24	ng		95
71) Anthracene	11.19	178	1334198	50.01	ng		100
72) Carbazole	11.35	167	638266	26.91	ng		99
74) Fluoranthene	12.33	202	4487067	167.66	ng		94
77) Pyrene	12.56	202	4162652	165.27	ng		95
80) Benzo(a)anthracene	13.74	228	2437295	106.89	ng		97
82) Chrysene	13.74	228	2437295	115.26	ng		97
83) Bis(2-ethylhexyl)phthalate	13.74	149	96597	6.20	ng	#	97
85) Indeno(1,2,3-cd)pyrene	16.33	276	782695	40.70	ng		97
87) Benzo(b)fluoranthene	14.74	252	2633713	120.89	ng	#	93
88) Benzo(k)fluoranthene	14.74	252	2633713	162.26	ng	#	95
89) Benzo(a)pyrene	15.05	252	1395237	77.57	ng	#	94
90) Dibenzo(a,h)anthracene	16.39	278	79463	4.86	ng	#	84
91) Benzo(g,h,i)perylene	16.70	276	635509	39.85	ng	#	94

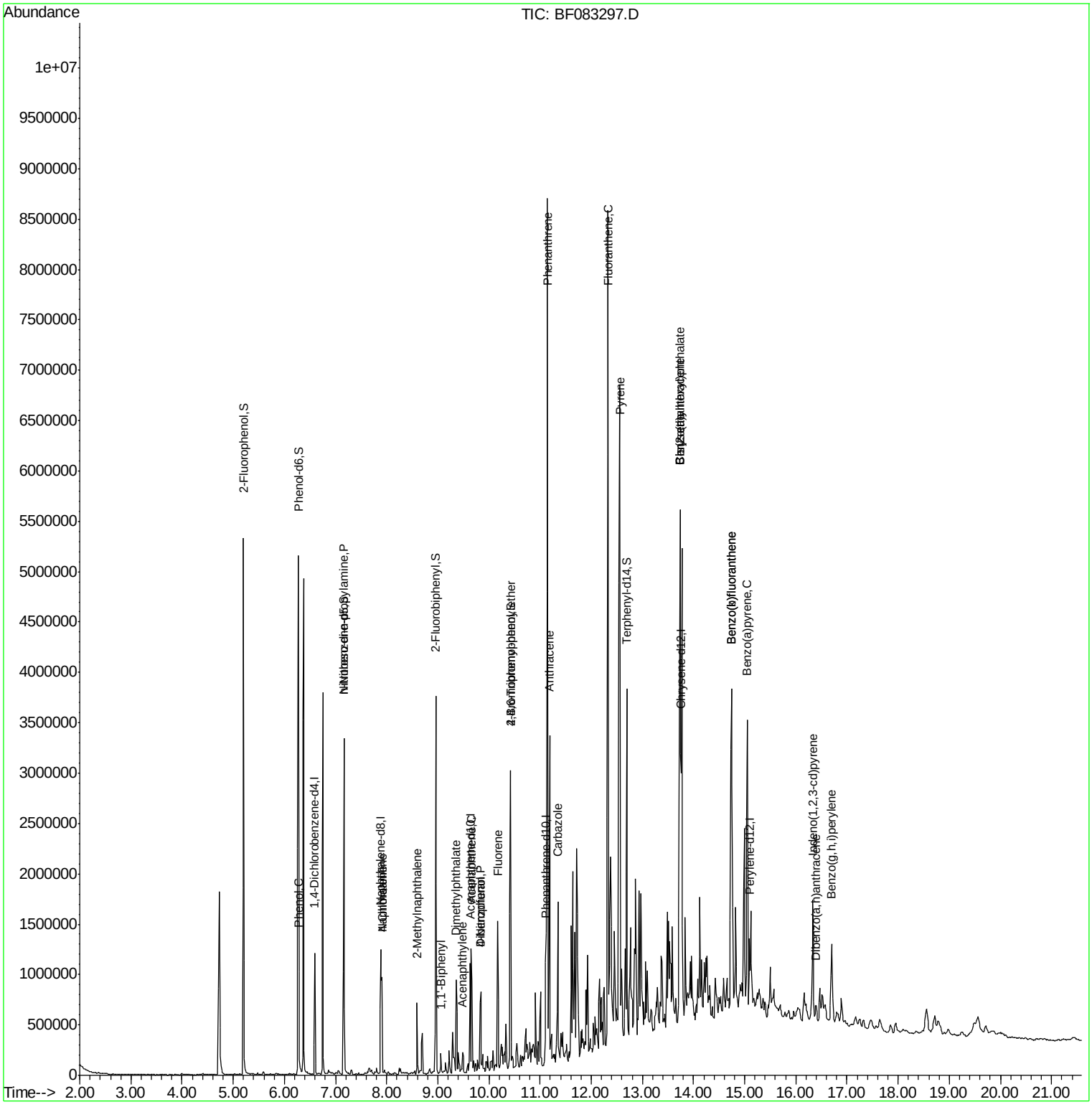
(#) = qualifier out of range (m) = manual integration (+) = signals summed

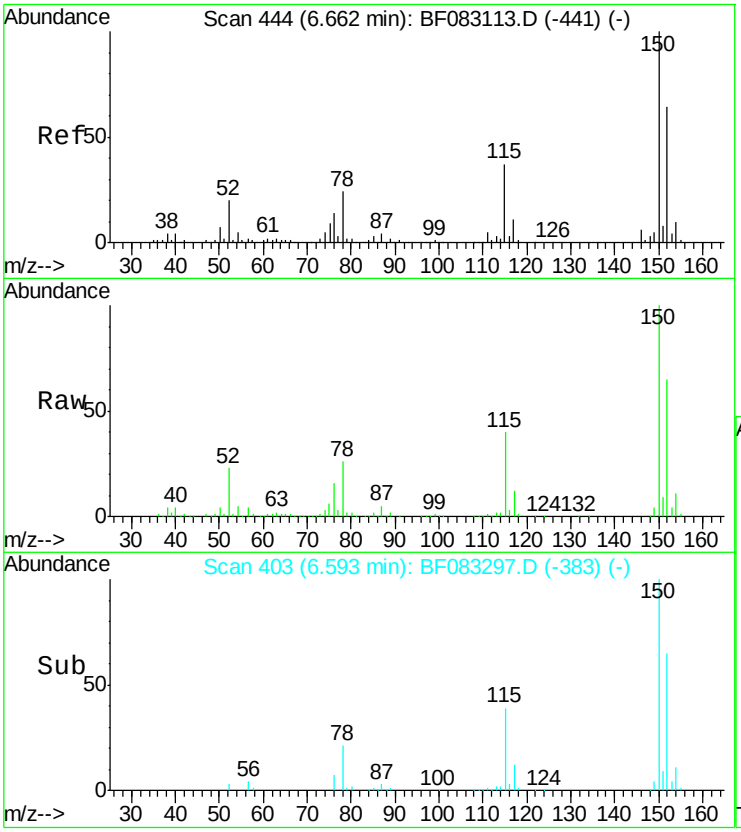
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083297.D
Acq On : 26 Nov 2015 2:43
Operator : UM/IZ
Sample : G4426-08RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Quant Time: Nov 26 03:15:48 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



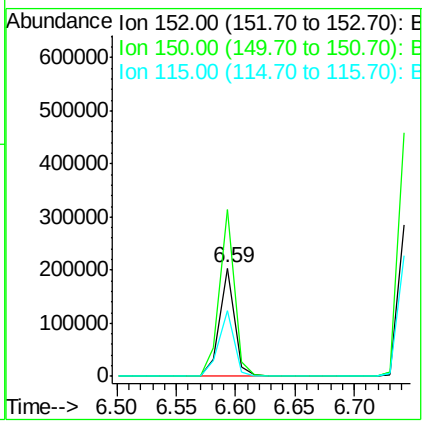


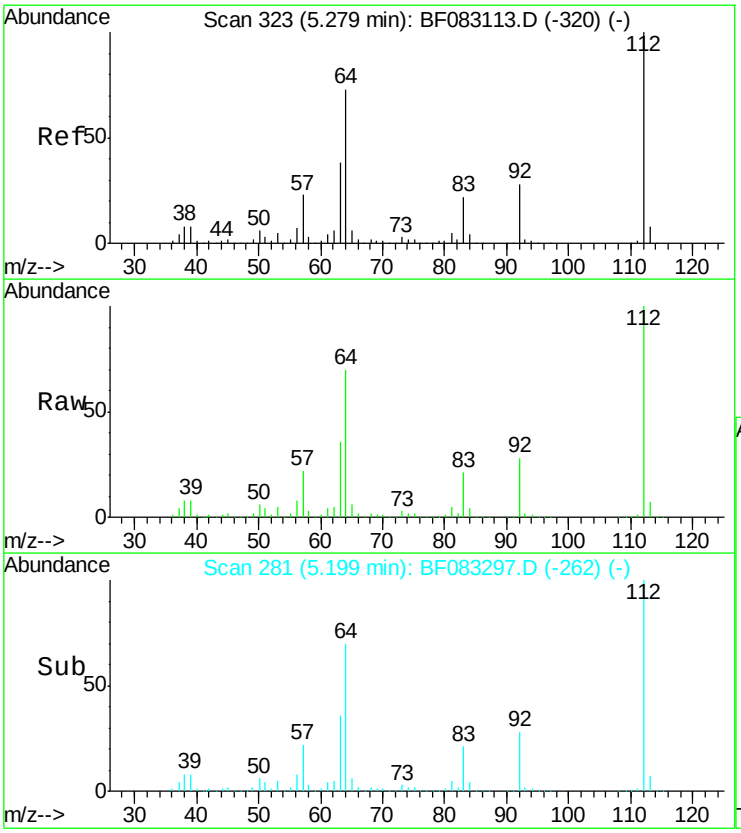
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:152 Resp: 177522

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.8	188.8
115	61.1	46.9	70.3

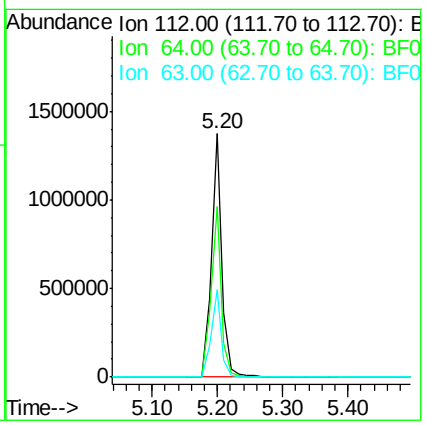


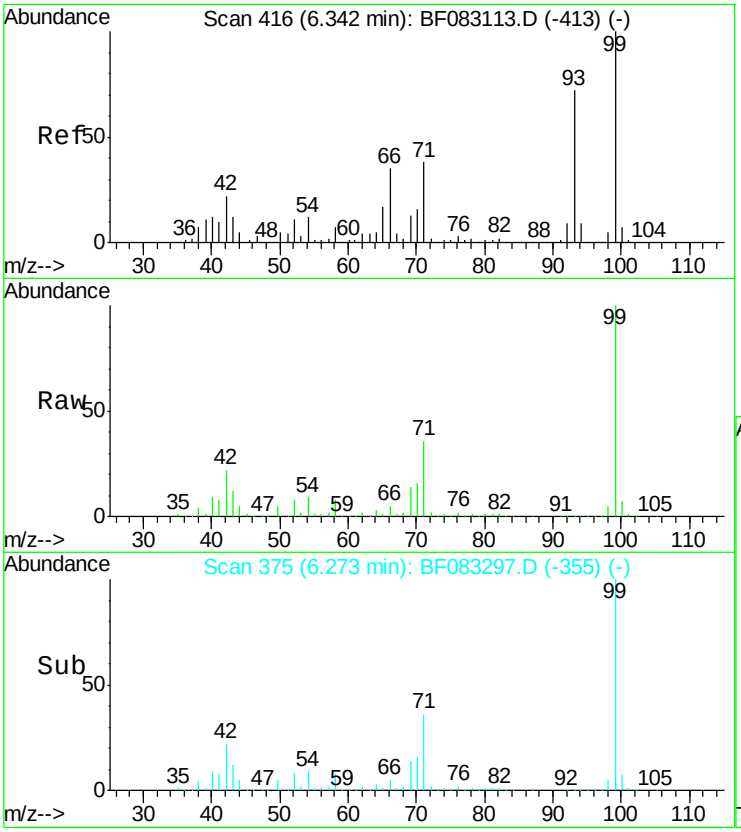


#5
2-Fluorophenol
Concen: 132.88 ng
RT: 5.20 min Scan# 281
Delta R.T. -0.08 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:112 Resp: 1560257

Ion	Ratio	Lower	Upper
112	100		
64	69.9	58.4	87.6
63	35.9	30.0	45.0



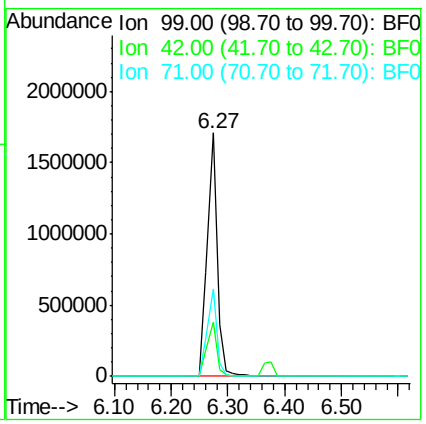


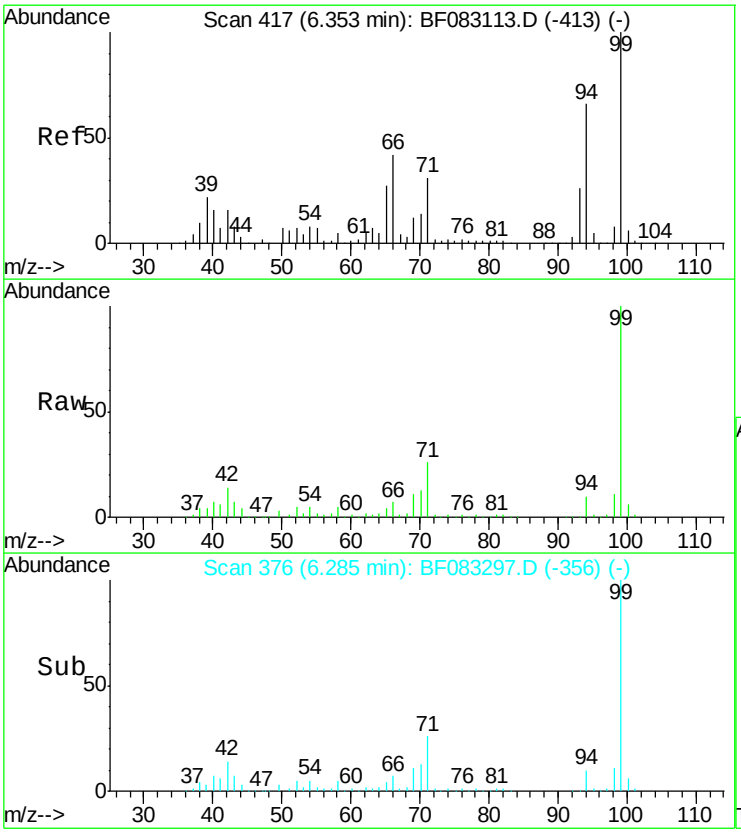
#7
Phenol-d6
Concen: 132.62 ng
RT: 6.27 min Scan# 375
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion: 99 Resp: 2014904

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.7	26.5
71	36.0	30.2	45.4

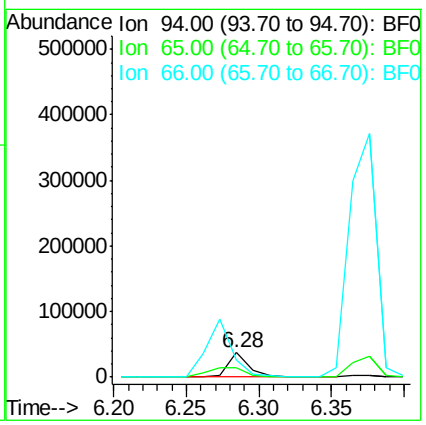


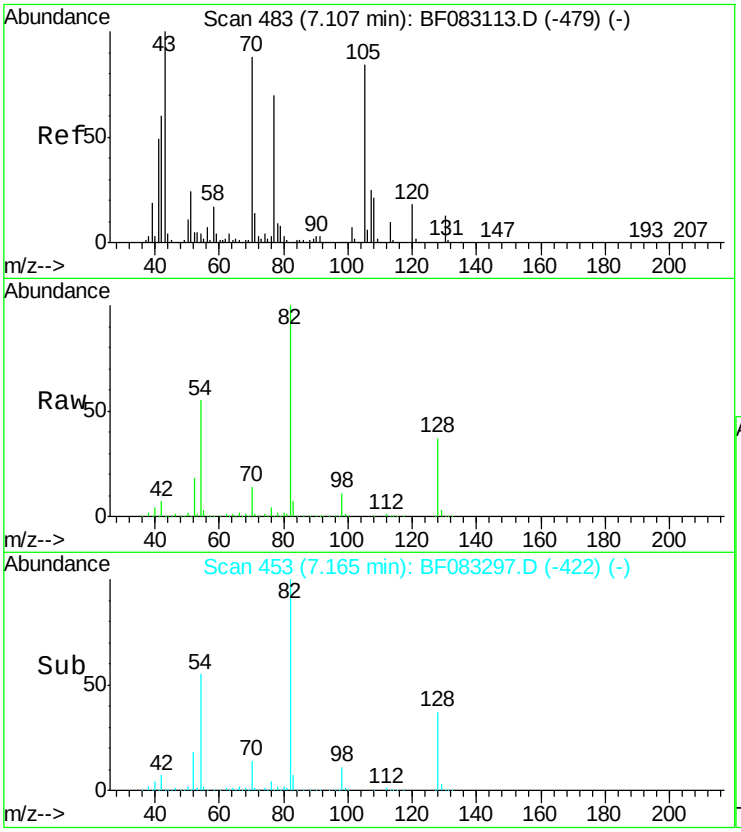


#10
Phenol
Concen: 2.06 ng
RT: 6.28 min Scan# 376
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion: 94 Resp: 37868

Ion	Ratio	Lower	Upper
94	100		
65	38.7	21.1	61.1
66	67.4	43.1	83.1



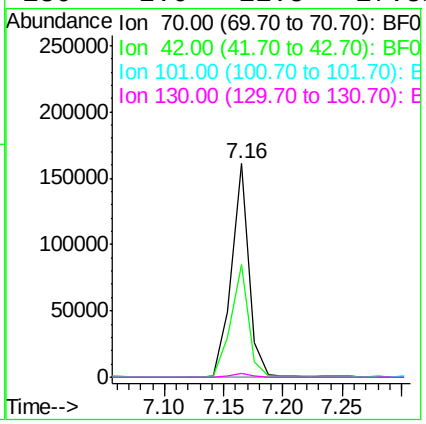


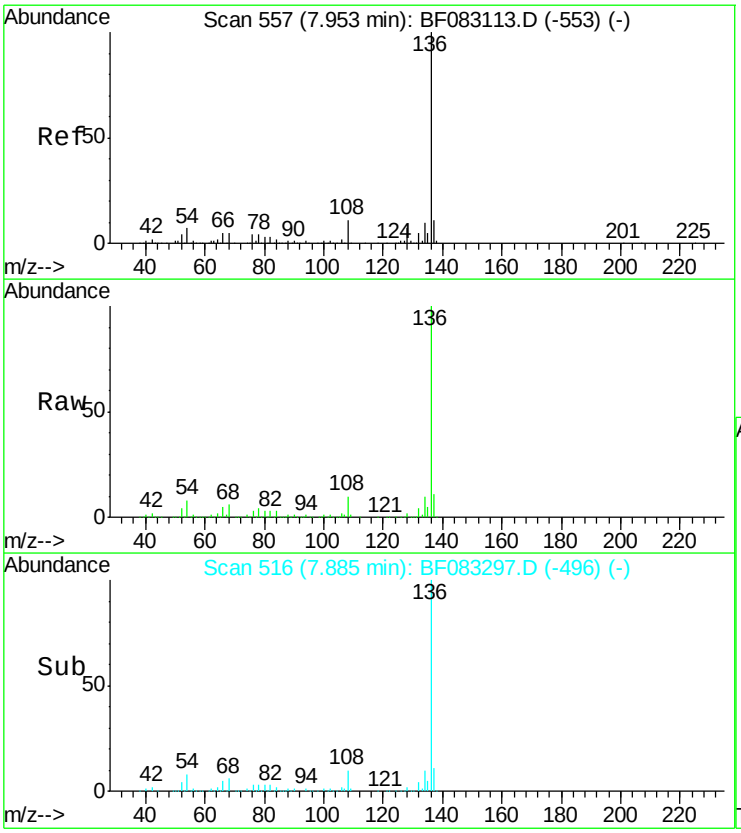
#19
n-Nitroso-di-n-propylamine
Concen: 15.80 ng
RT: 7.16 min Scan# 453
Delta R.T. 0.06 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion: 70 Resp: 167100

Ion	Ratio	Lower	Upper
70	100		
42	52.7	54.5	81.7#
101	0.0	6.6	9.8#
130	2.0	11.5	17.3#

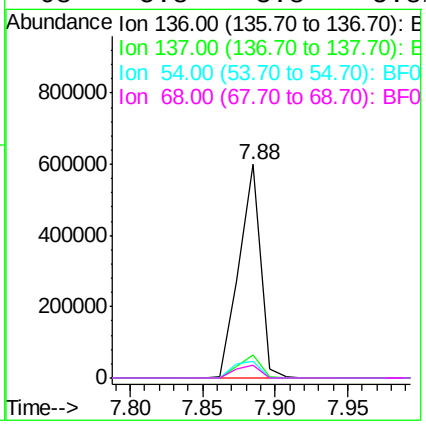


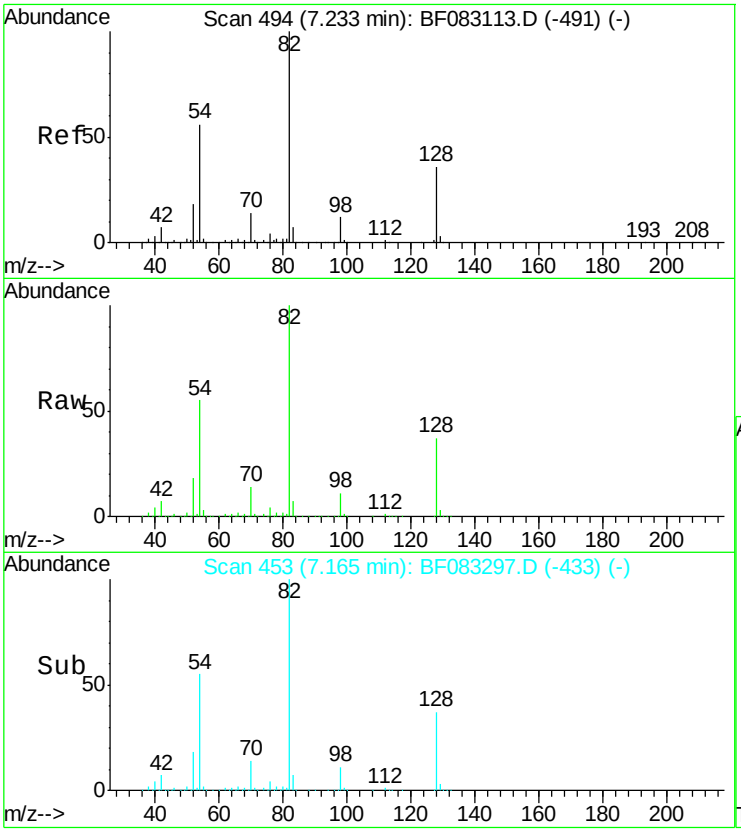


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:136 Resp: 620368

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.9	5.8	8.6
68	5.8	3.8	5.8#



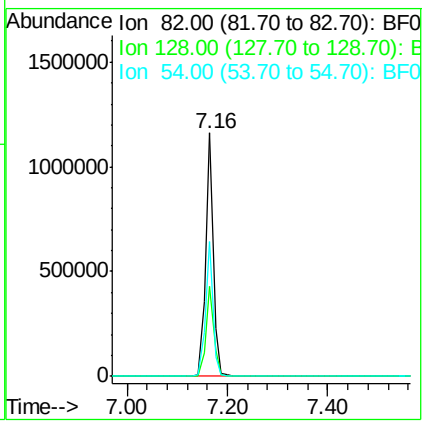


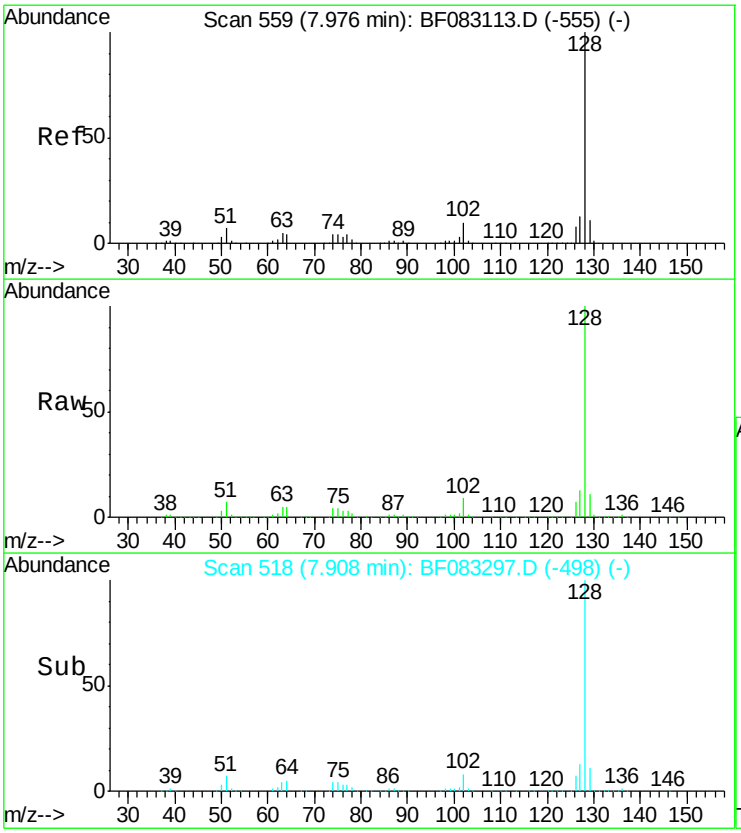
#23
Nitrobenzene-d5
Concen: 90.84 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion: 82 Resp: 1233359

Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.5	42.7
54	55.4	44.6	67.0

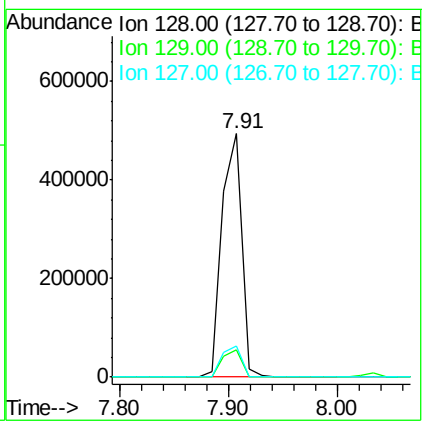


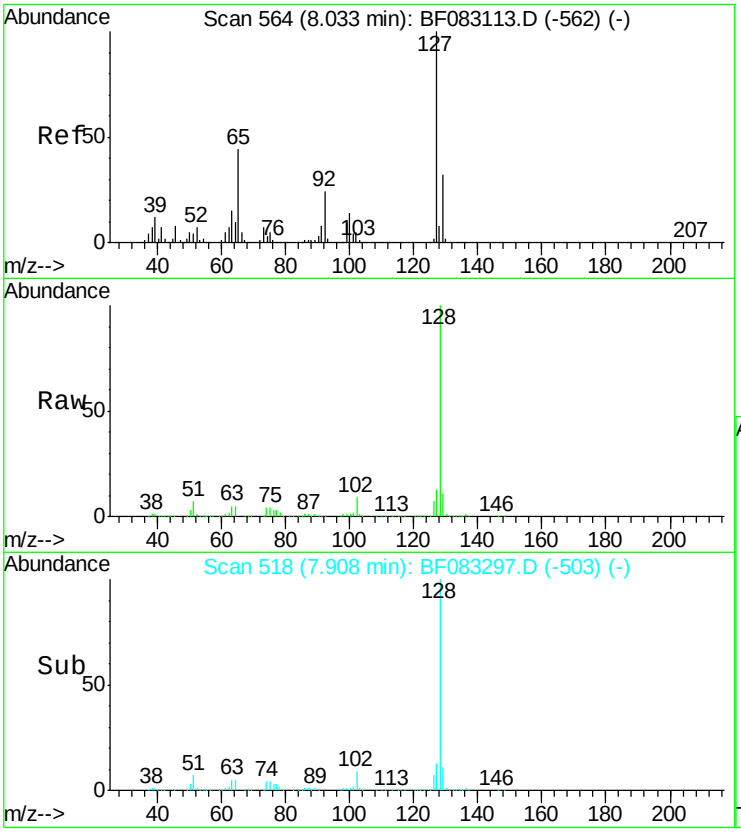


#31
Naphthalene
Concen: 18.59 ng
RT: 7.91 min Scan# 518
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:128 Resp: 622462

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.9	10.6	15.8



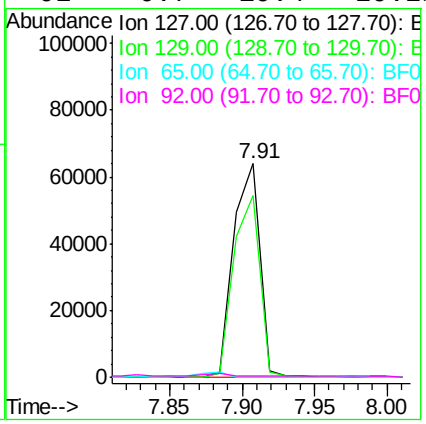


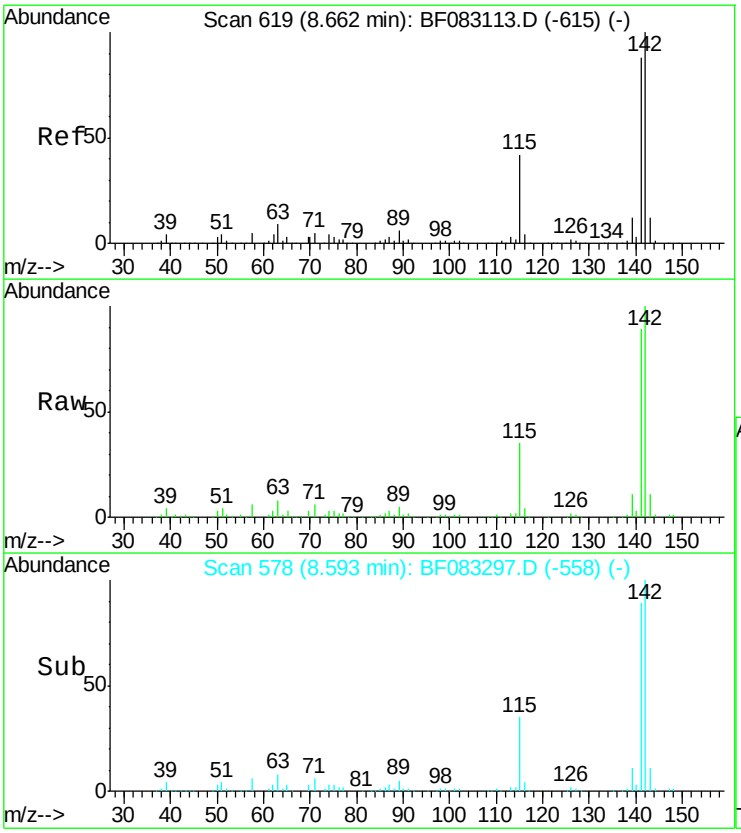
#33
4-Chloroaniline
Concen: 6.23 ng
RT: 7.91 min Scan# 518
Delta R.T. -0.13 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:127 Resp: 80915

Ion	Ratio	Lower	Upper
127	100		
129	85.3	25.7	38.5#
65	0.0	35.5	53.3#
92	0.7	19.4	29.2#

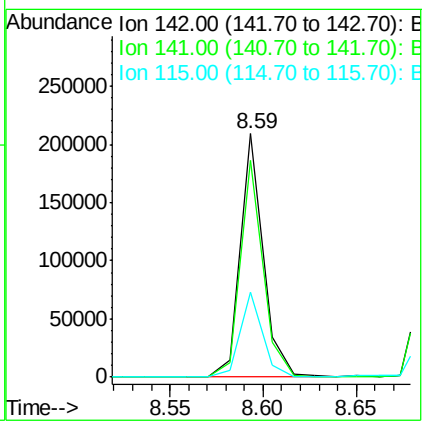


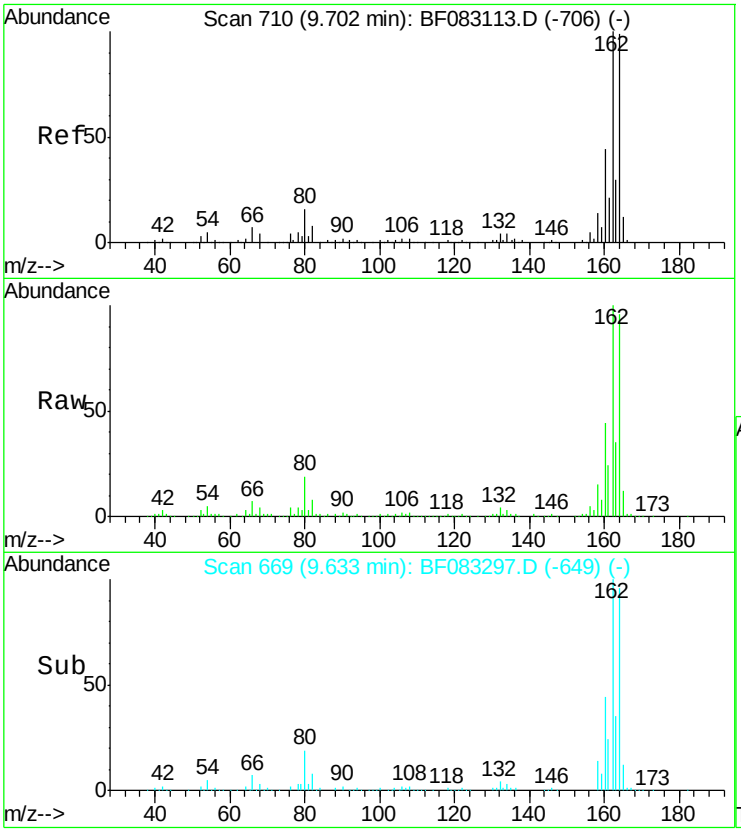


#37
2-Methylnaphthalene
Concen: 8.28 ng
RT: 8.59 min Scan# 578
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:142 Resp: 179900

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5
115	34.9	33.4	50.2



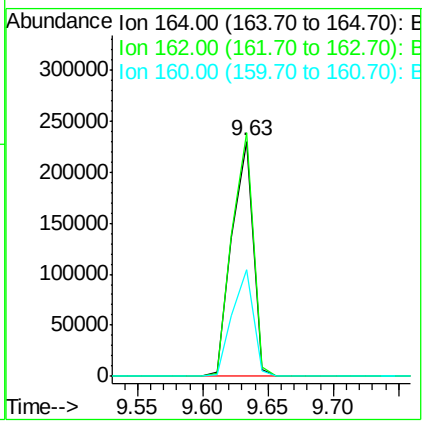


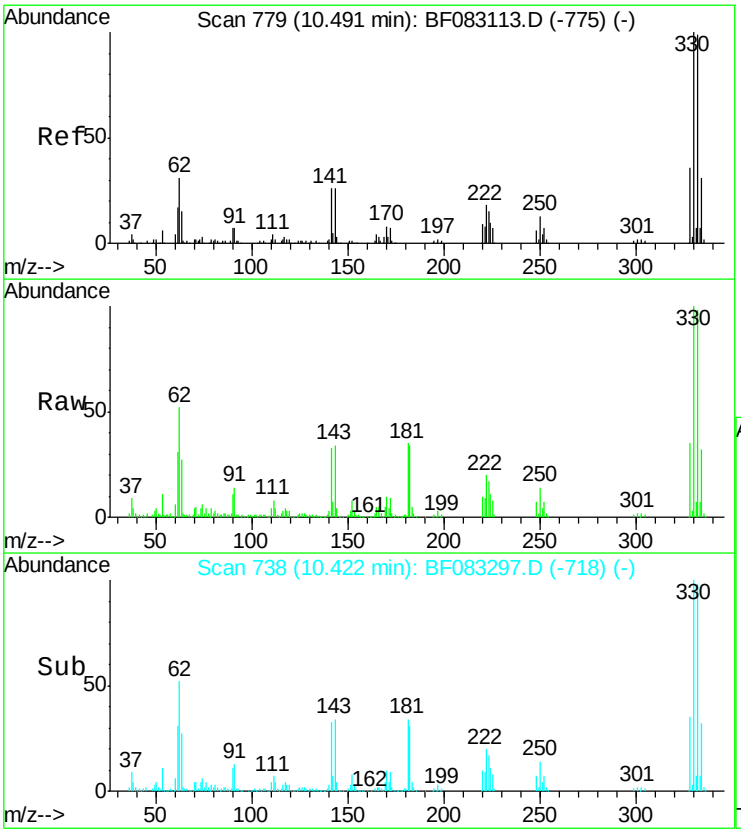
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:164 Resp: 259344

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.2	121.8
160	45.6	35.6	53.4

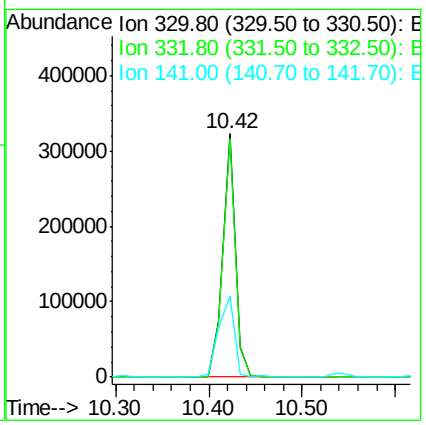


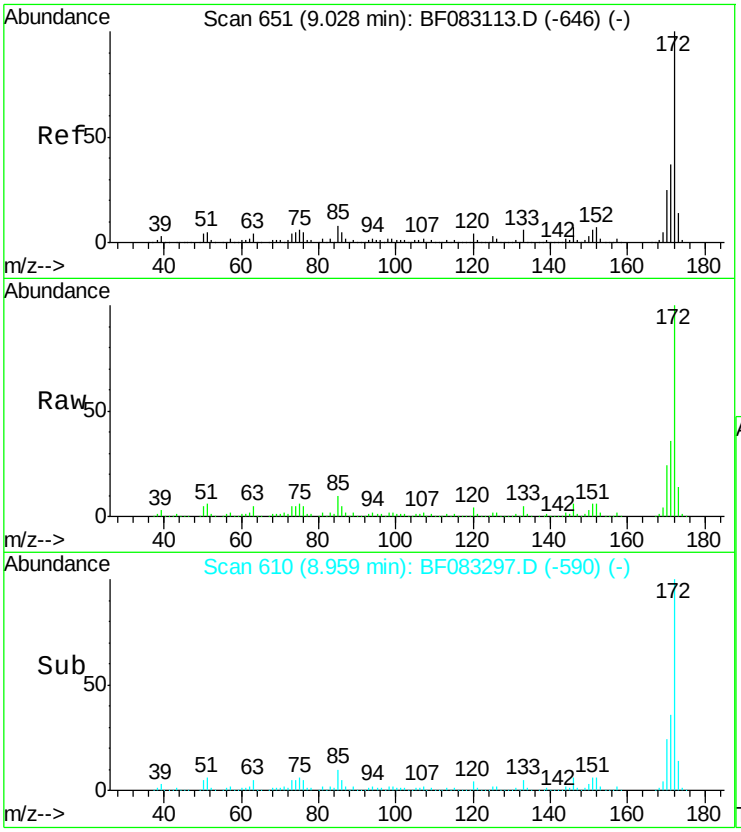


#41
2,4,6-Tribromophenol
Concen: 114.69 ng
RT: 10.42 min Scan# 738
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:330 Resp: 304302

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	41.6	29.7	44.5



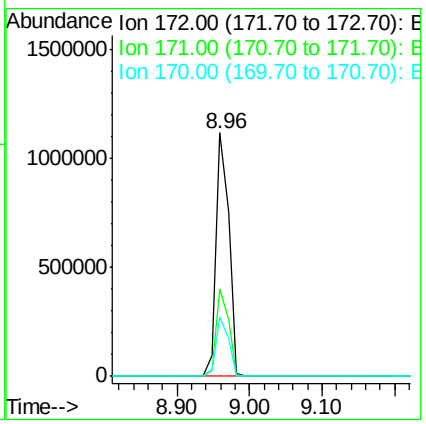


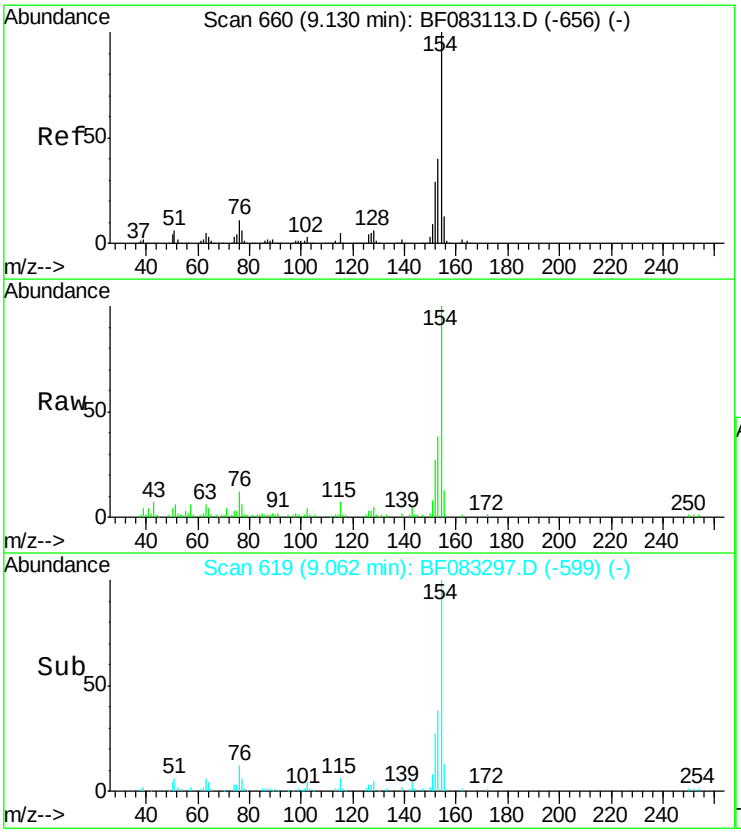
#44
2-Fluorobiphenyl
Concen: 73.73 ng
RT: 8.96 min Scan# 610
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:172 Resp: 1371283

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.5	44.3
170	24.4	19.9	29.9

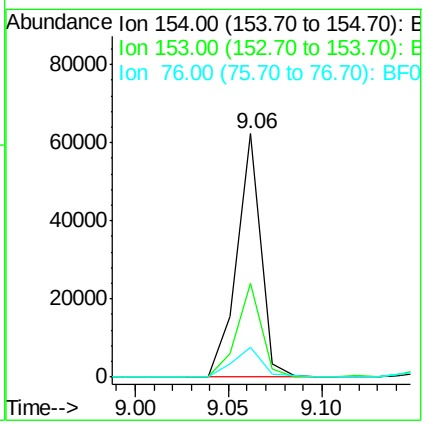


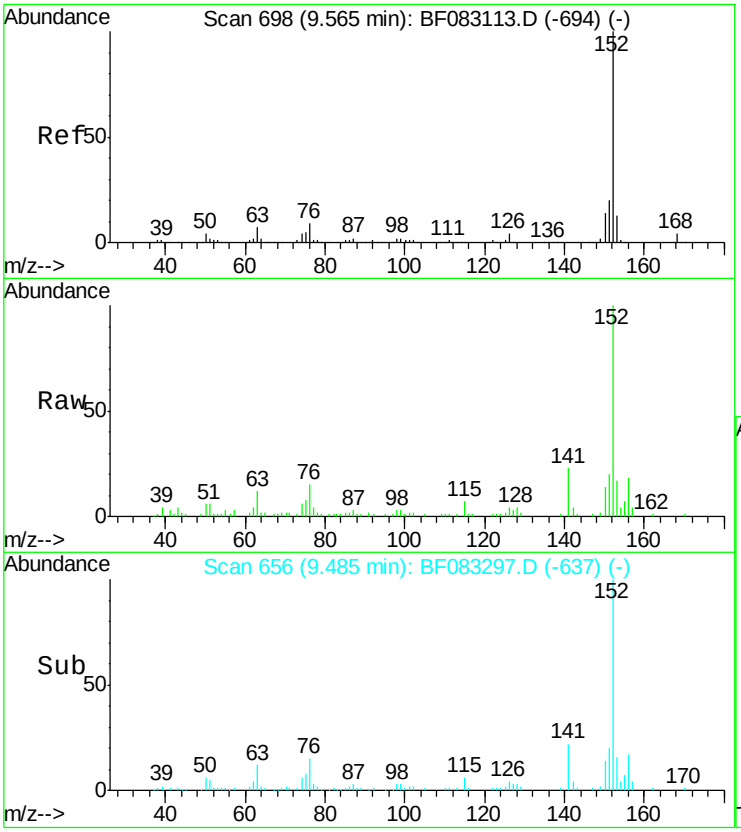


#45
1,1'-Biphenyl
Concen: 2.54 ng
RT: 9.06 min Scan# 619
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:154 Resp: 56106

Ion	Ratio	Lower	Upper
154	100		
153	38.5	20.5	60.5
76	12.0	0.0	31.2



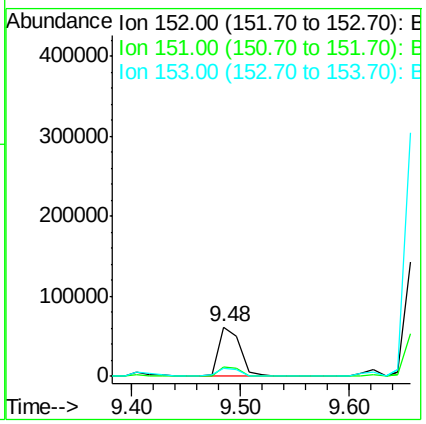


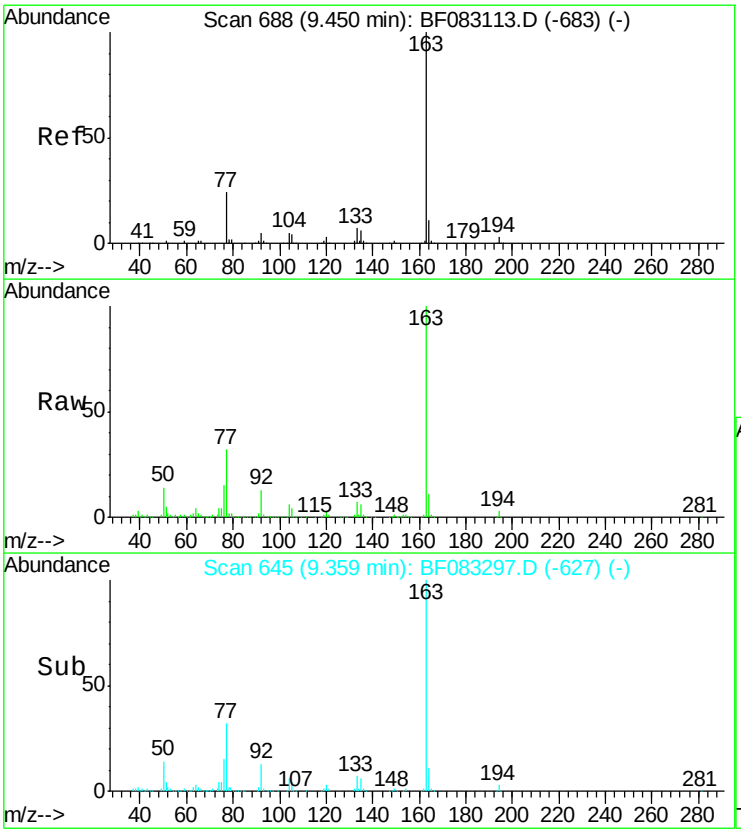
#48
Acenaphthylene
Concen: 3.13 ng
RT: 9.48 min Scan# 656
Delta R.T. -0.08 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:152 Resp: 84023

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	17.0	10.8	16.2#

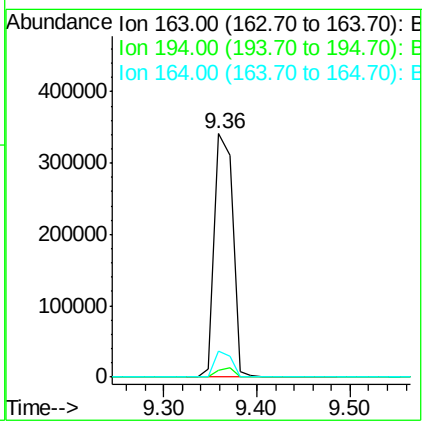


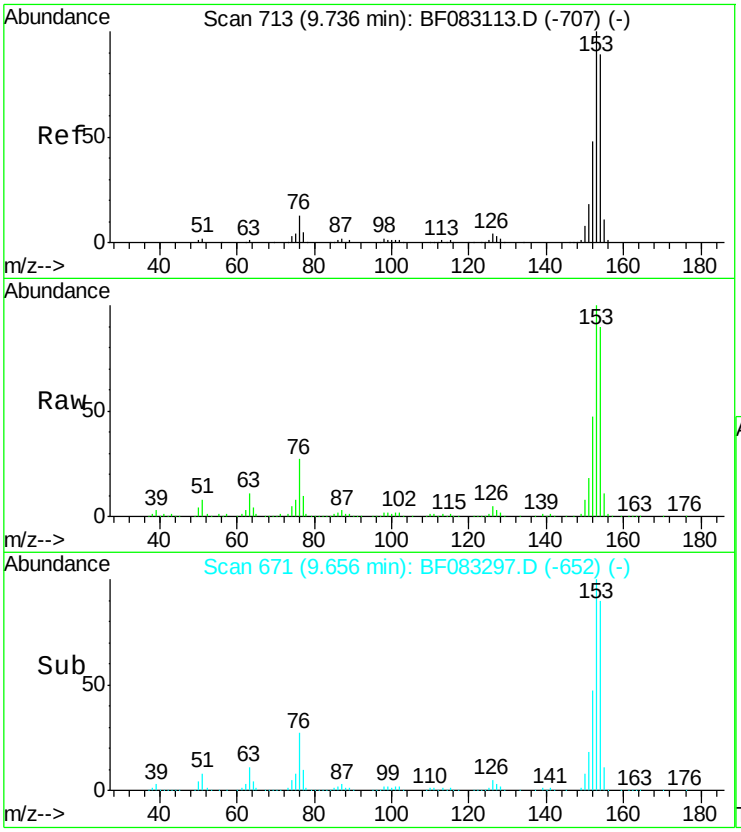


#49
Dimethylphthalate
Concen: 23.25 ng
RT: 9.36 min Scan# 645
Delta R.T. -0.09 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:163 Resp: 464232

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.7	8.6	12.8



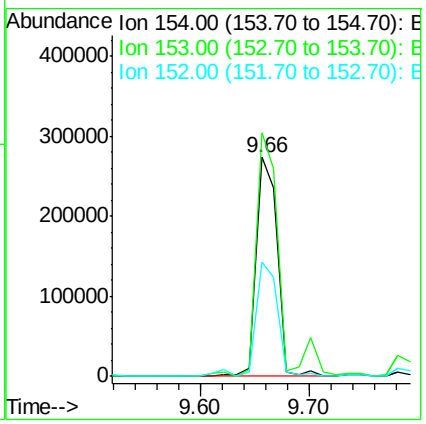


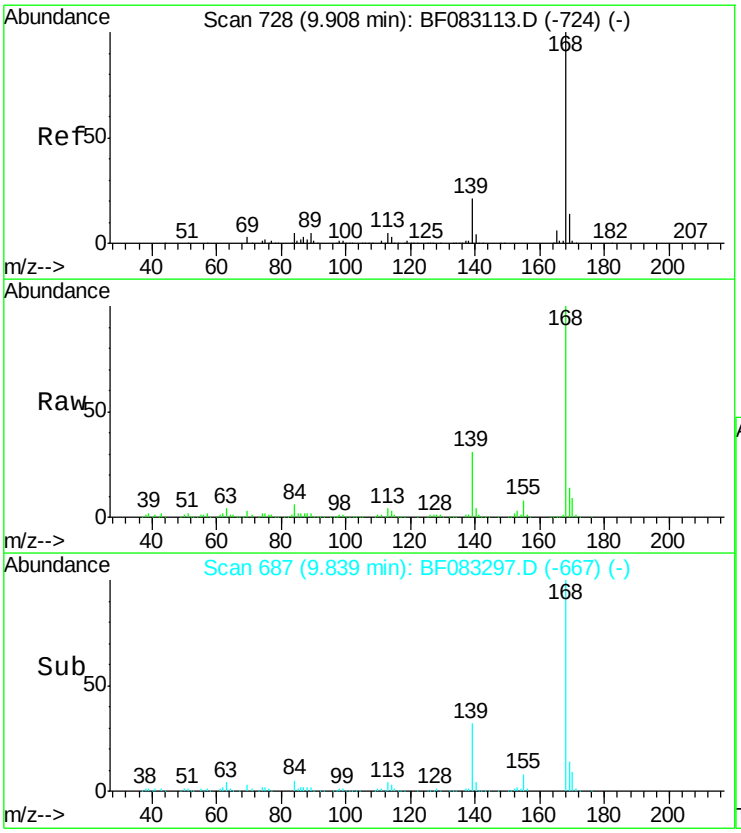
#51
Acenaphthene
Concen: 22.54 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.08 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:154 Resp: 368539

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.6	134.4
152	52.0	43.3	64.9

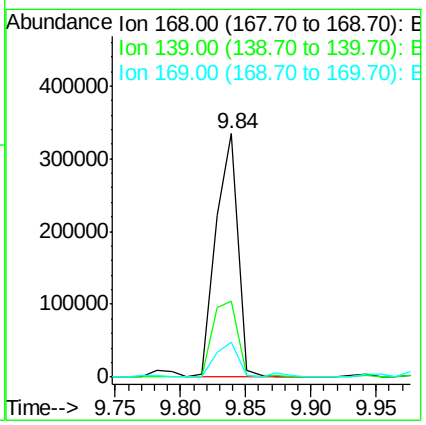


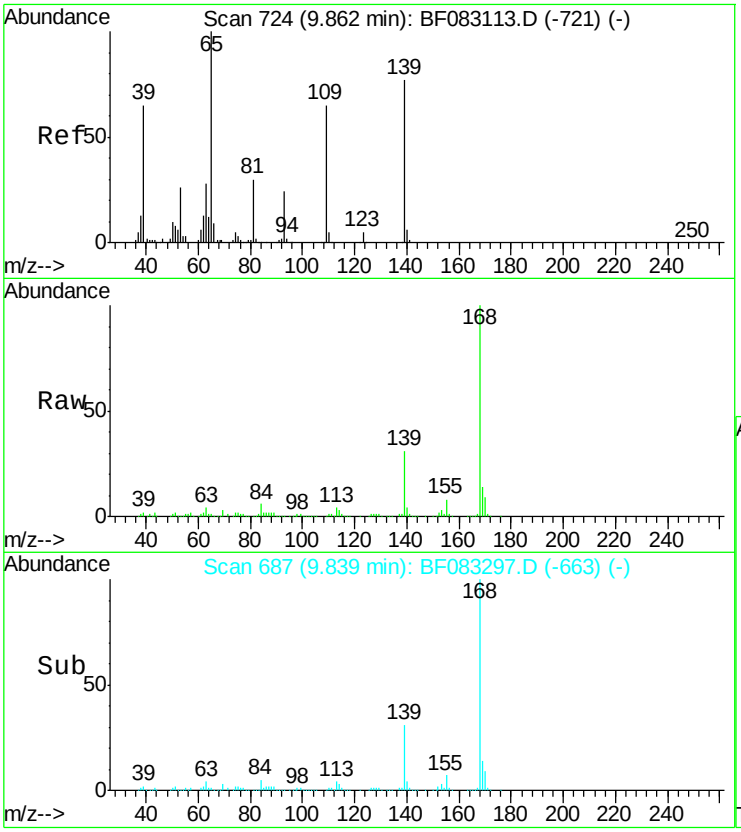


#54
Dibenzofuran
Concen: 16.98 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:168 Resp: 392690

Ion	Ratio	Lower	Upper
168	100		
139	31.2	30.2	45.2
169	14.3	10.9	16.3



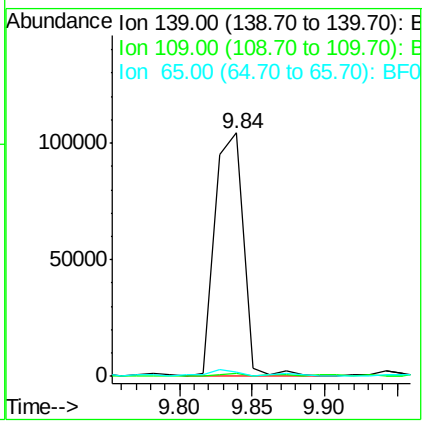


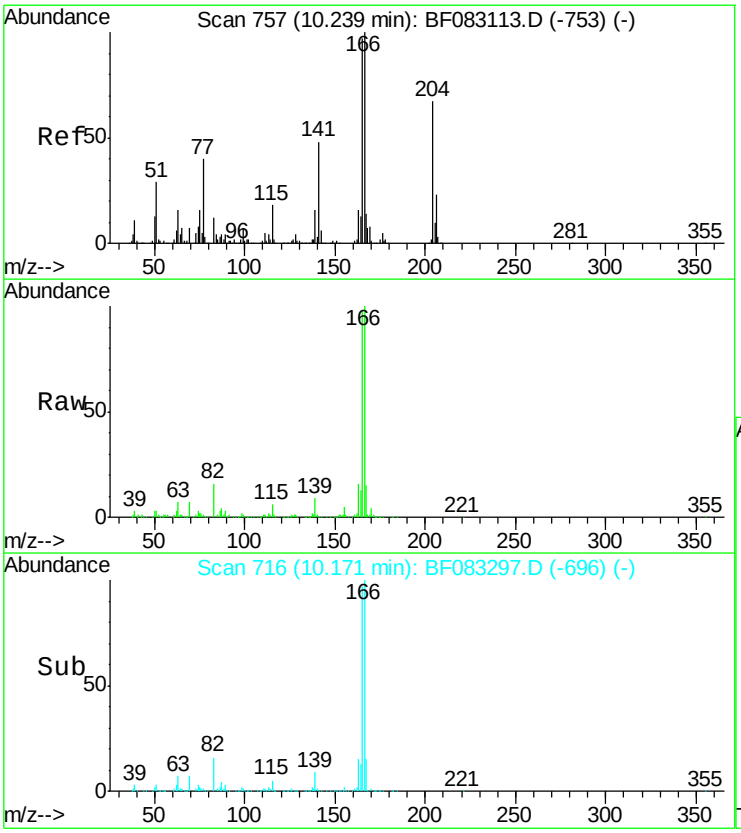
#55
4-Nitrophenol
Concen: 38.99 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:139 Resp: 142808

Ion	Ratio	Lower	Upper
139	100		
109	1.4	64.0	104.0#
65	1.8	109.5	149.5#

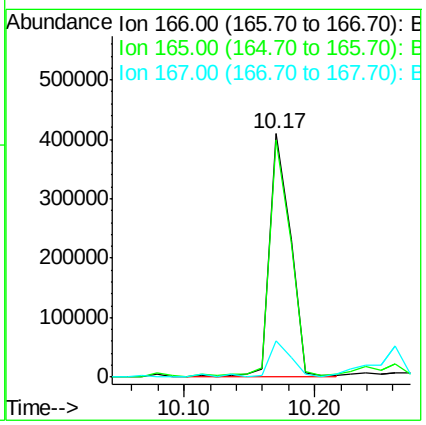


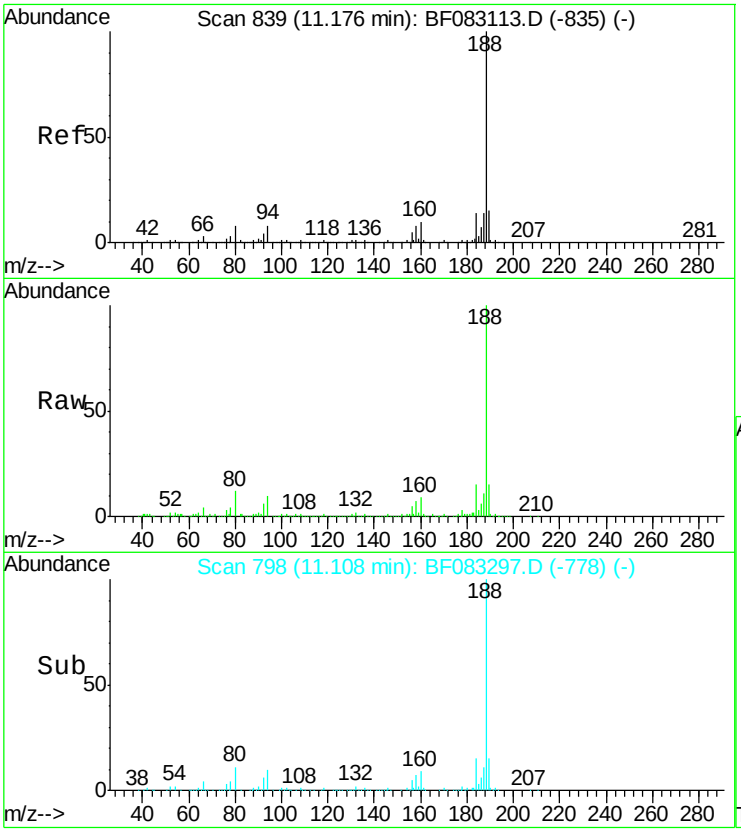


#57
Fluorene
Concen: 24.34 ng
RT: 10.17 min Scan# 716
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:166 Resp: 465157

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.0	117.0
167	15.1	11.3	16.9



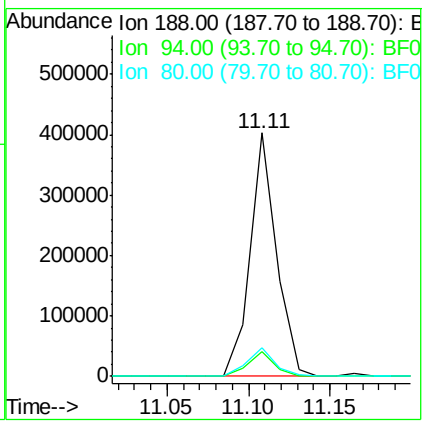


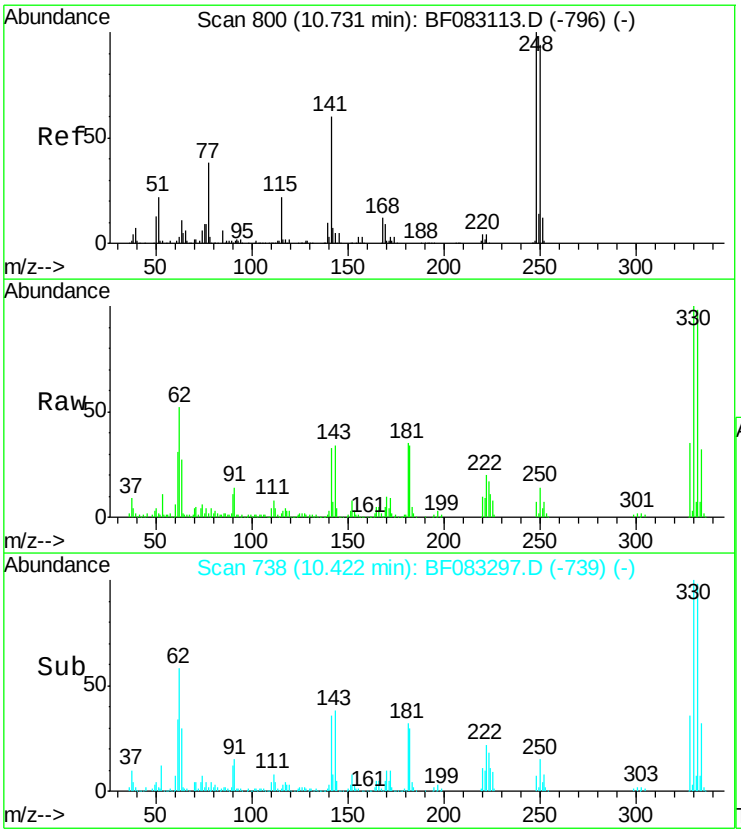
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:188 Resp: 453879

Ion	Ratio	Lower	Upper
188	100		
94	10.2	6.0	9.0#
80	11.5	6.7	10.1#

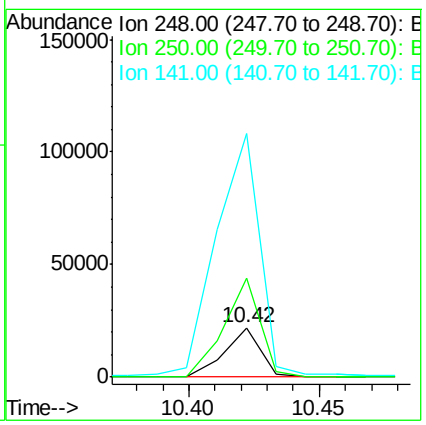


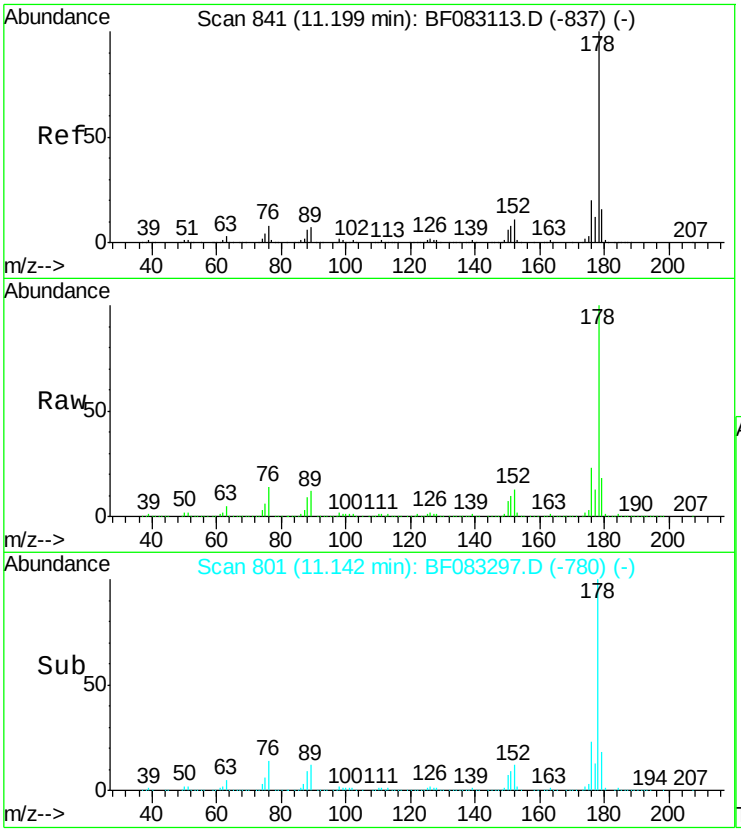


#66
4-Bromophenyl-phenylether
Concen: 4.26 ng
RT: 10.42 min Scan# 738
Delta R.T. -0.31 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:248 Resp: 21439

Ion	Ratio	Lower	Upper
248	100		
250	201.1	75.4	113.2#
141	493.1	48.1	72.1#



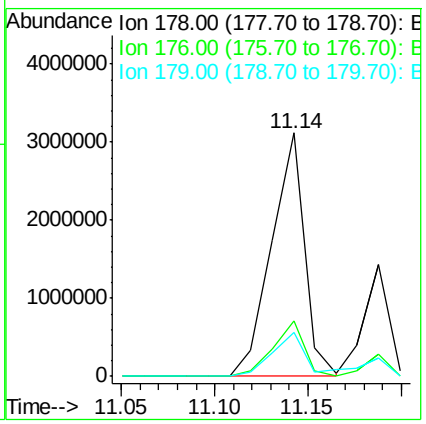


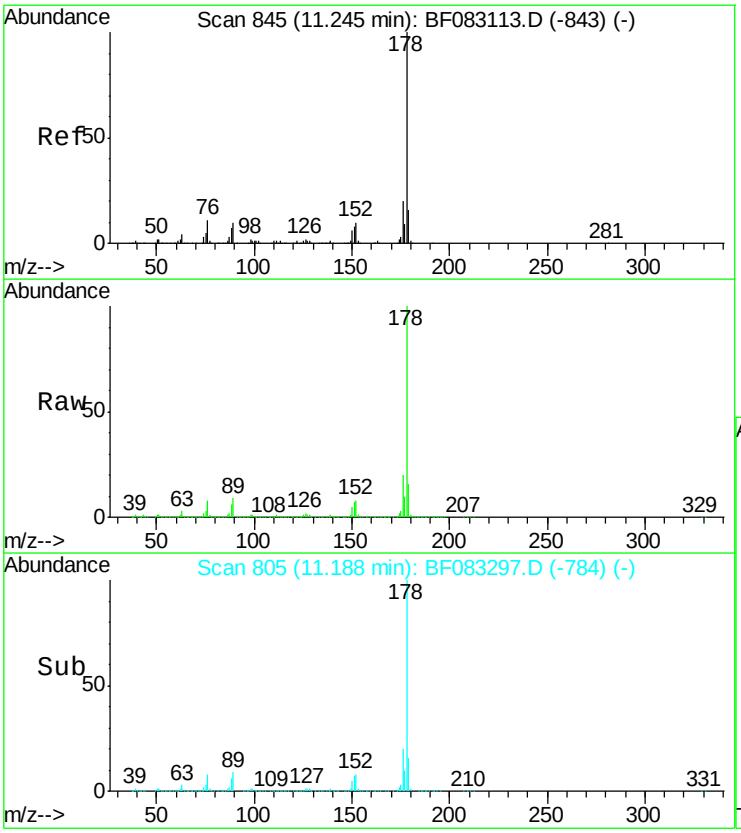
#70
Phenanthrene
Concen: 147.24 ng
RT: 11.14 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:178 Resp: 3850203

Ion	Ratio	Lower	Upper
178	100		
176	22.7	16.2	24.2
179	18.0	12.8	19.2

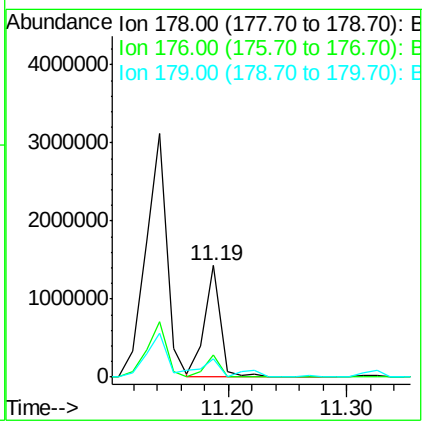


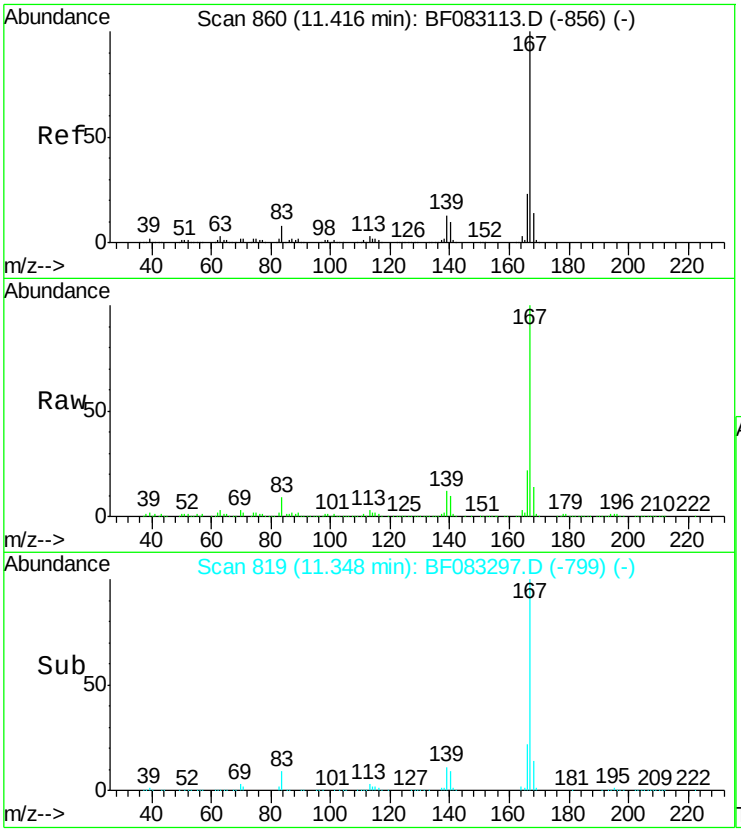


#71
Anthracene
Concen: 50.01 ng
RT: 11.19 min Scan# 805
Delta R.T. -0.06 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:178 Resp: 1334198

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.2	13.2	19.8



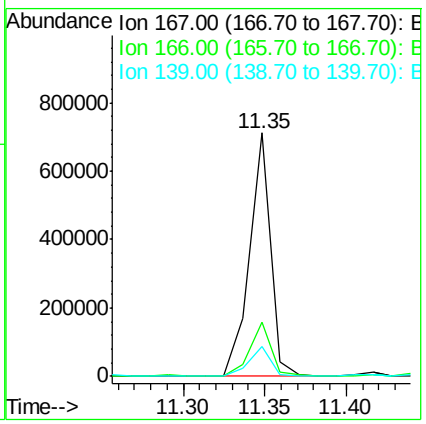


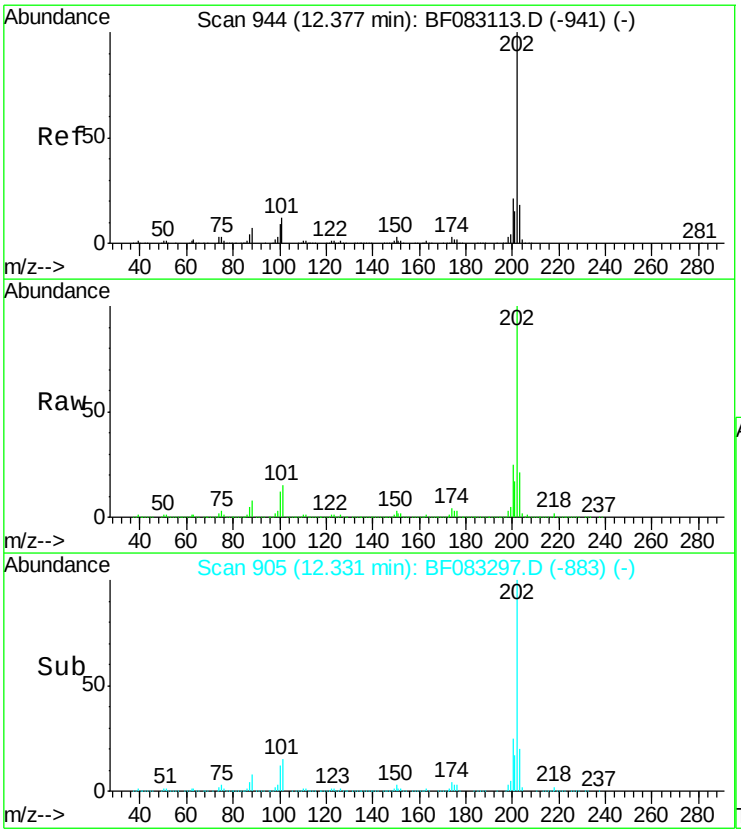
#72
Carbazole
Concen: 26.91 ng
RT: 11.35 min Scan# 819
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:167 Resp: 638266

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.0	27.0
139	12.1	10.5	15.7

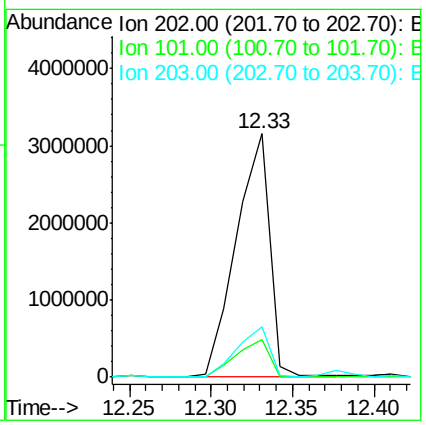


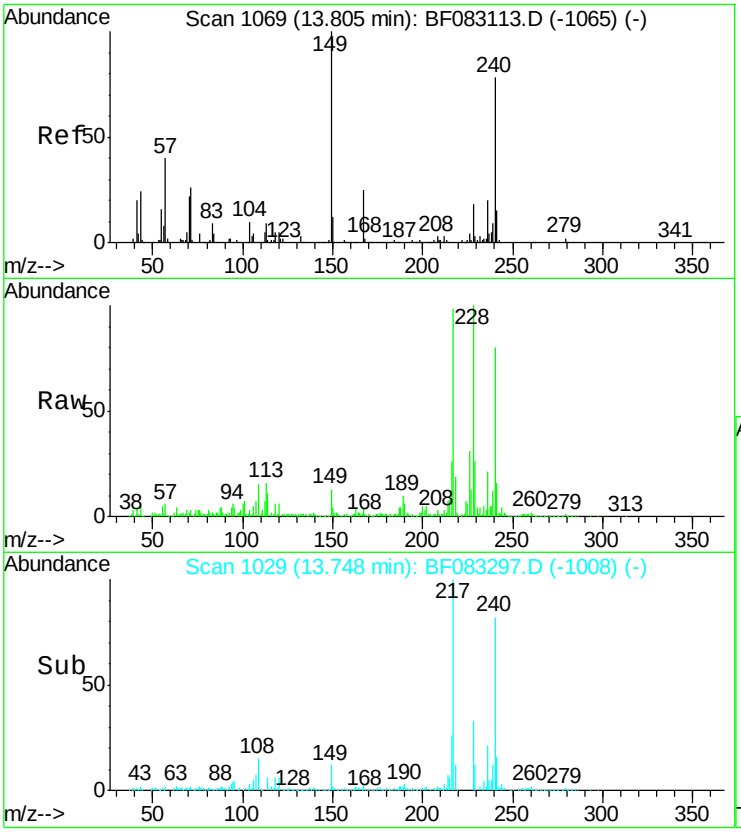


#74
Fluoranthene
Concen: 167.66 ng
RT: 12.33 min Scan# 905
Delta R.T. -0.05 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:202 Resp: 4487067

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	32.3
203	20.5	0.0	38.4



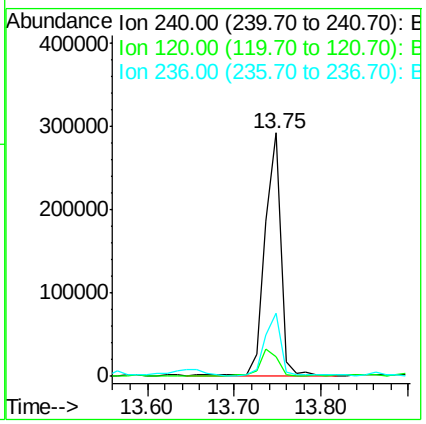


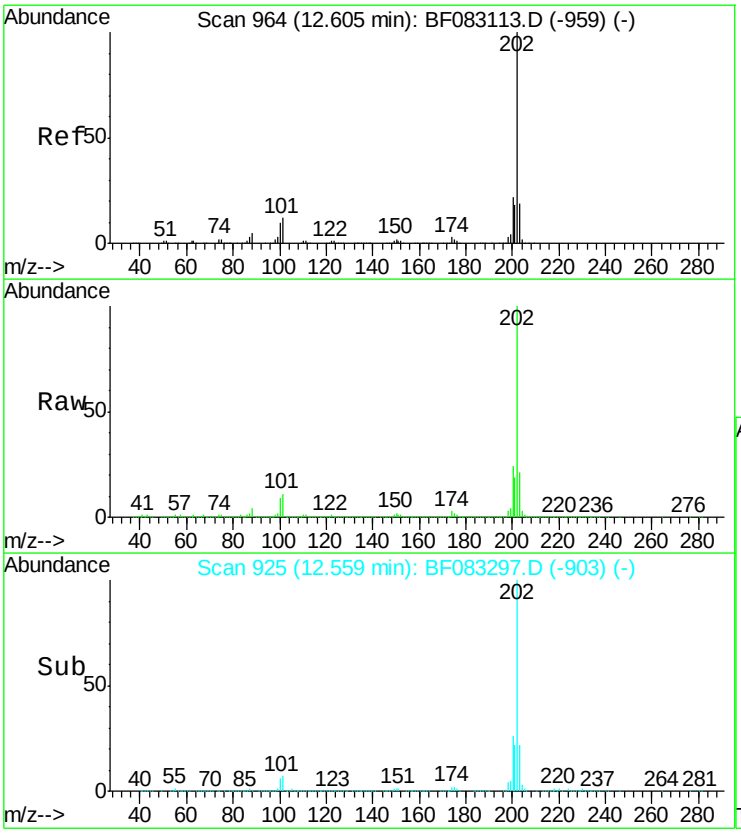
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:240 Resp: 368676

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.4	8.2
236	26.2	20.6	31.0

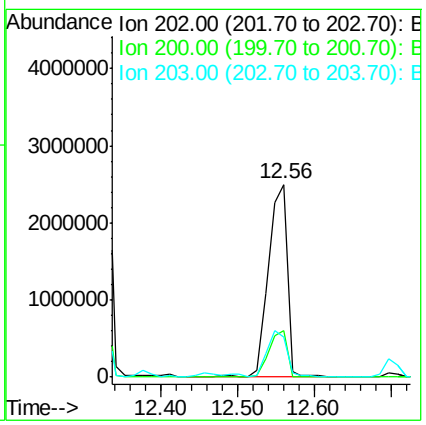


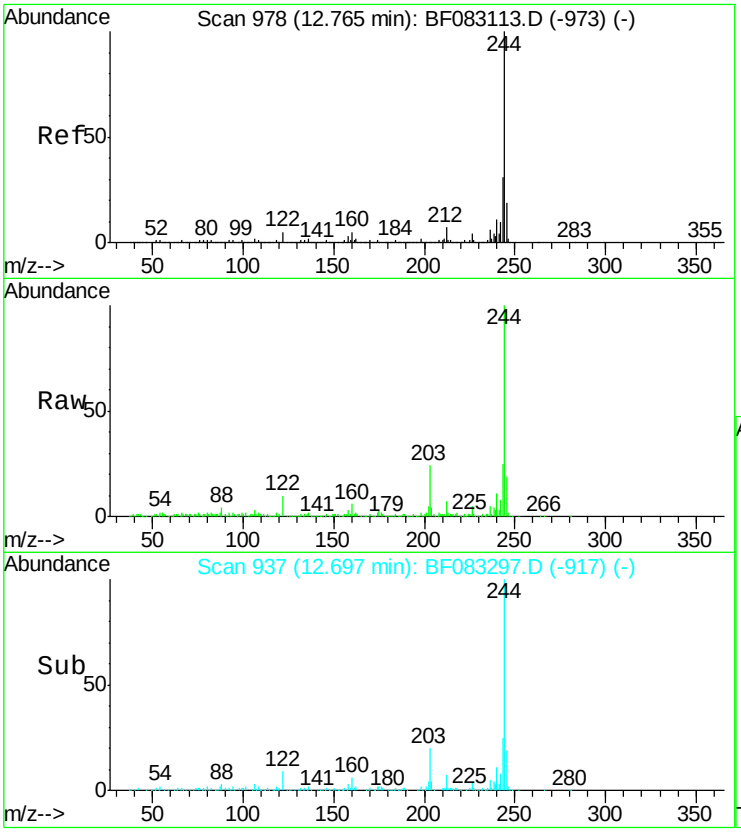


#77
Pyrene
Concen: 165.27 ng
RT: 12.56 min Scan# 925
Delta R.T. -0.05 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:202 Resp: 4162652

Ion	Ratio	Lower	Upper
202	100		
200	24.2	17.8	26.6
203	21.1	15.0	22.4



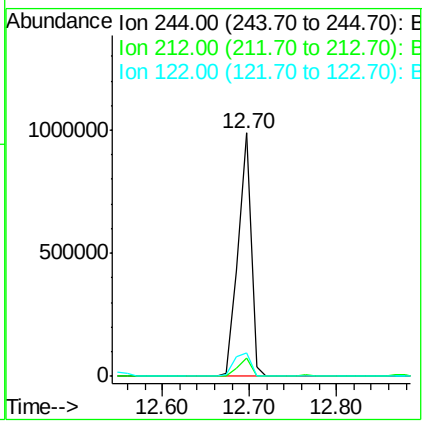


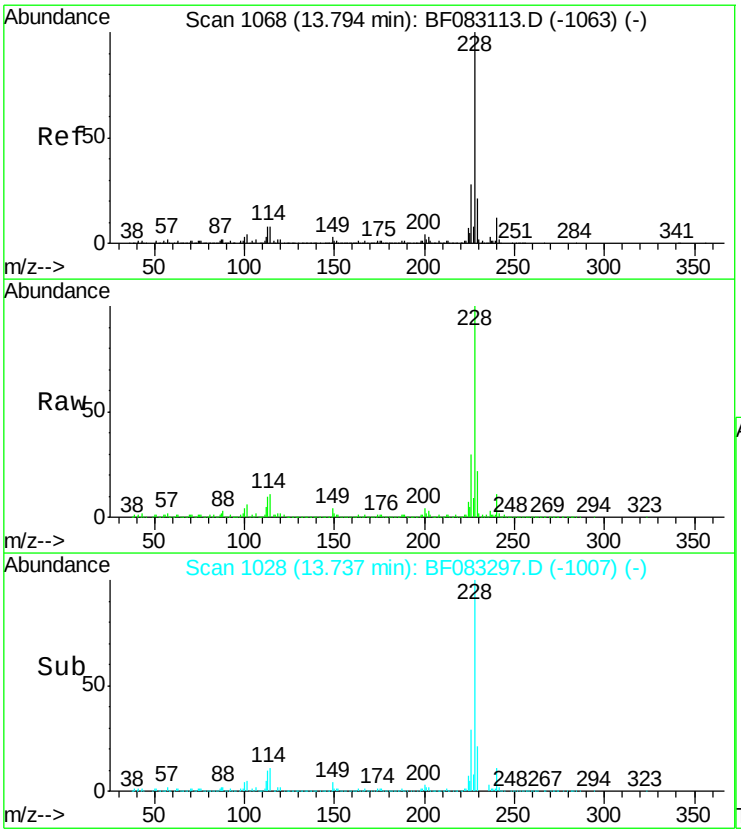
#78
Terphenyl-d14
Concen: 64.77 ng
RT: 12.70 min Scan# 937
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:244 Resp: 1014034

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.2
122	9.6	4.3	6.5#

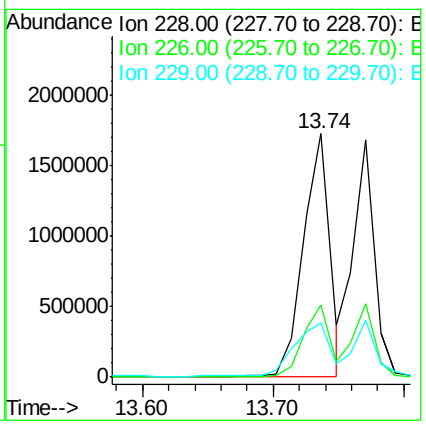


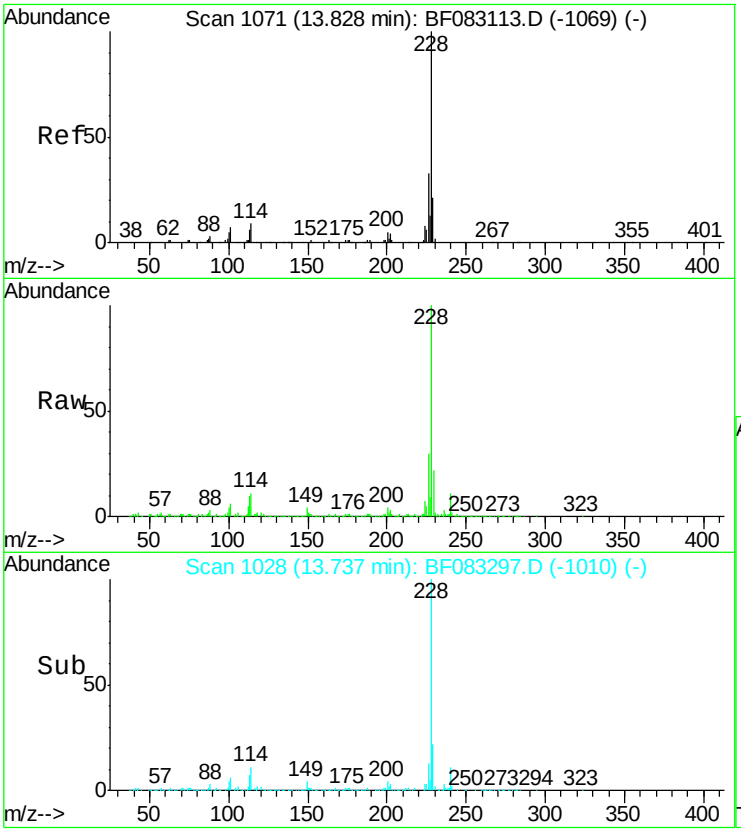


#80
Benzo(a)anthracene
Concen: 106.89 ng
RT: 13.74 min Scan# 1028
Delta R.T. -0.06 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:228 Resp: 2437295

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	22.1	16.6	24.8



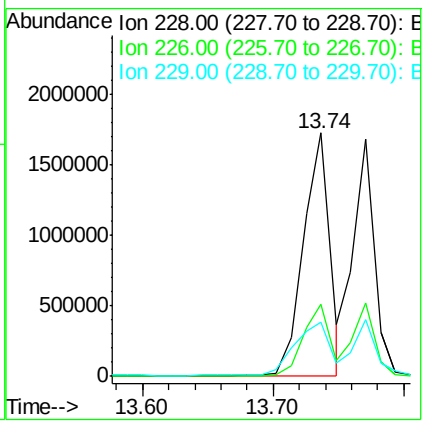


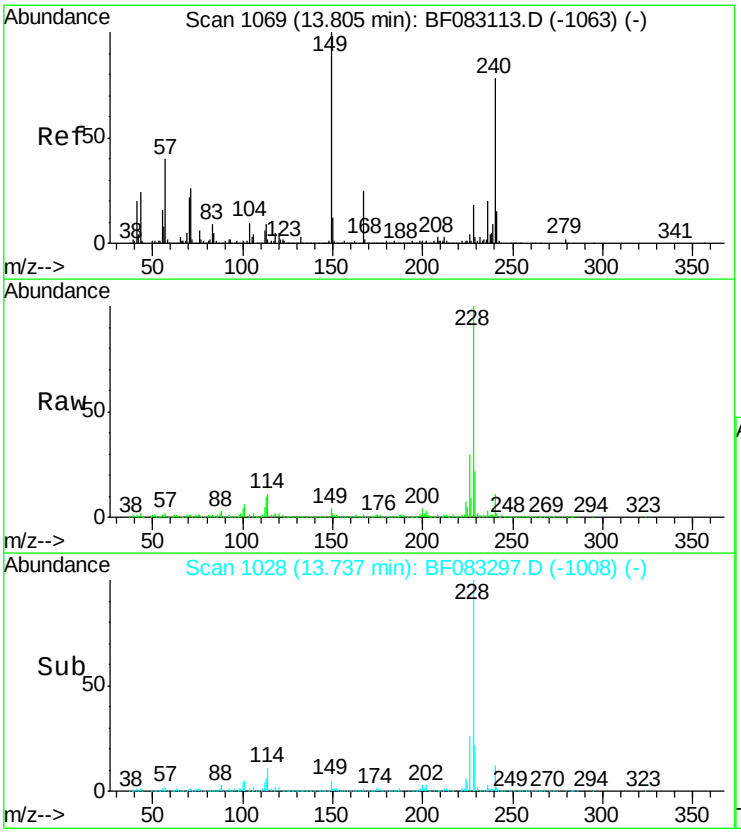
#82
Chrysene
Concen: 115.26 ng
RT: 13.74 min Scan# 1028
Delta R.T. -0.09 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:228 Resp: 2437295

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.5	38.3
229	22.1	16.6	25.0

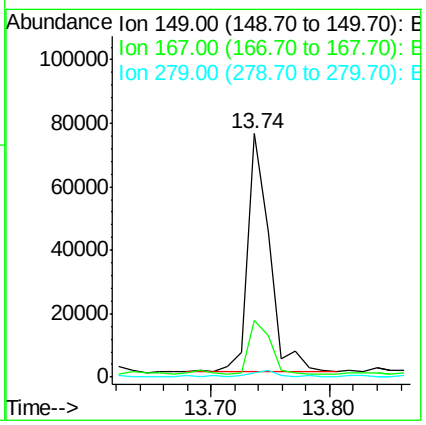


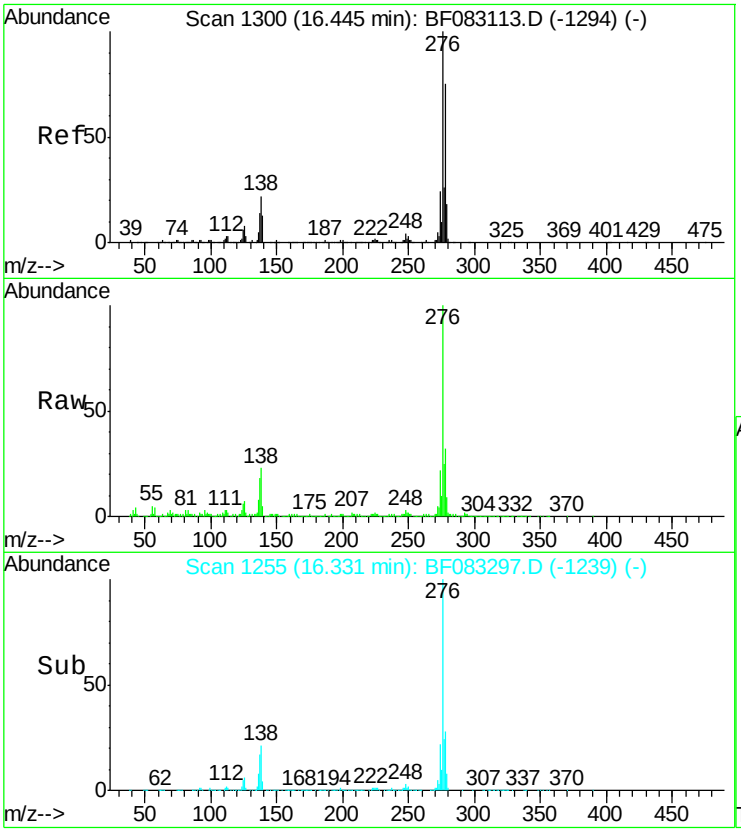


#83
Bis(2-ethylhexyl)phthalate
Concen: 6.20 ng
RT: 13.74 min Scan# 1028
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:149 Resp: 96597

Ion	Ratio	Lower	Upper
149	100		
167	23.3	20.1	30.1
279	1.6	1.7	2.5#



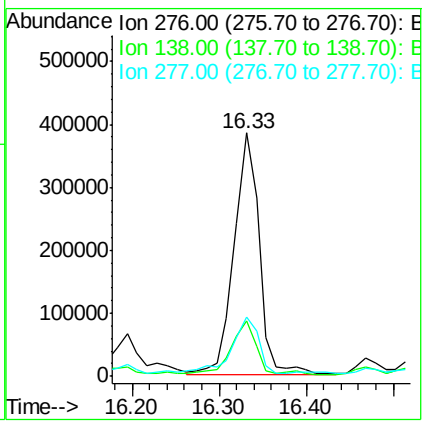


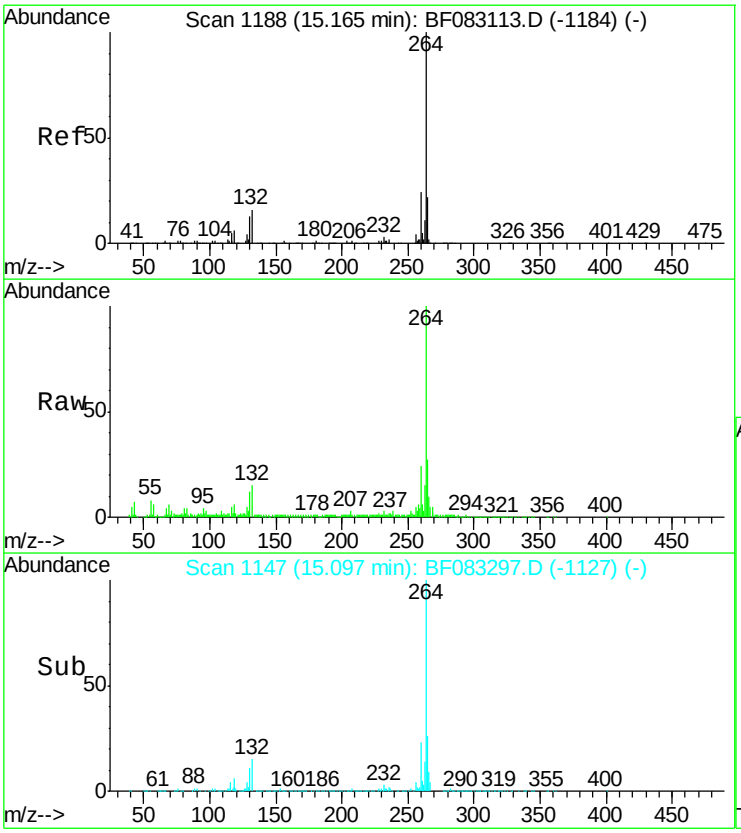
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.70 ng
RT: 16.33 min Scan# 1255
Delta R.T. -0.11 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:276 Resp: 782695

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.0	27.0
277	27.7	20.2	30.4

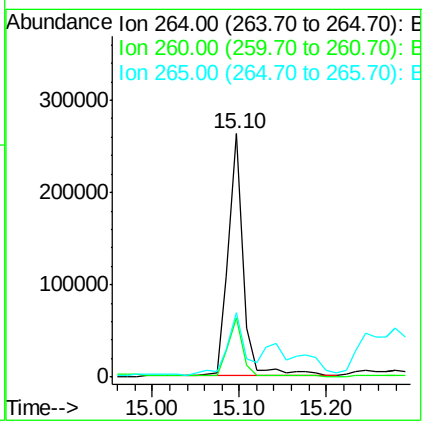


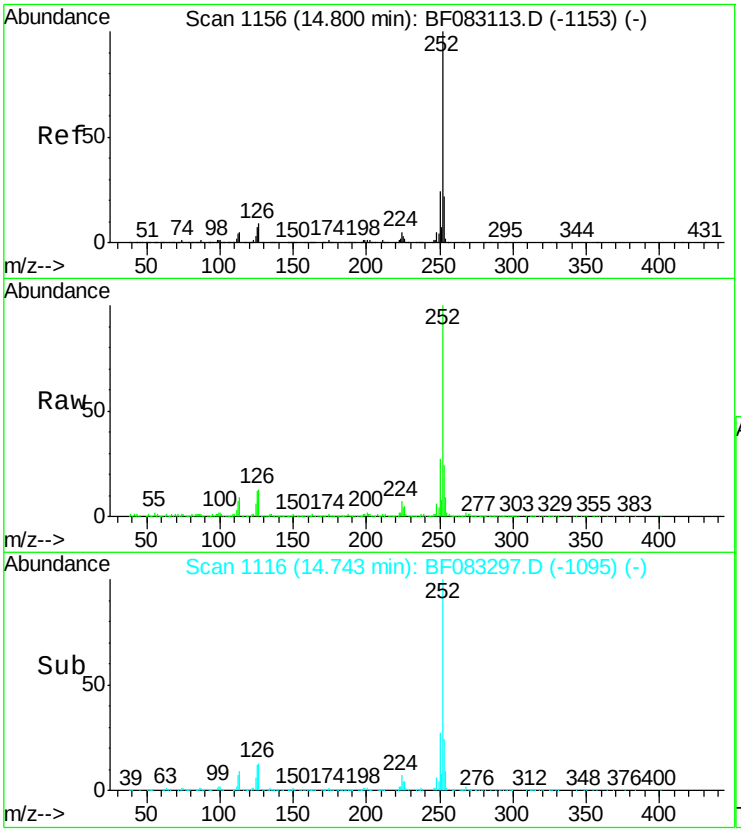


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:264 Resp: 318837

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	26.5	18.2	27.4



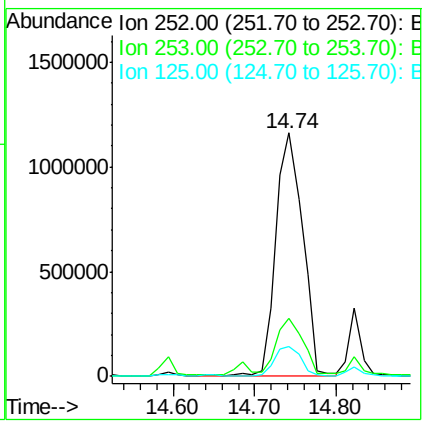


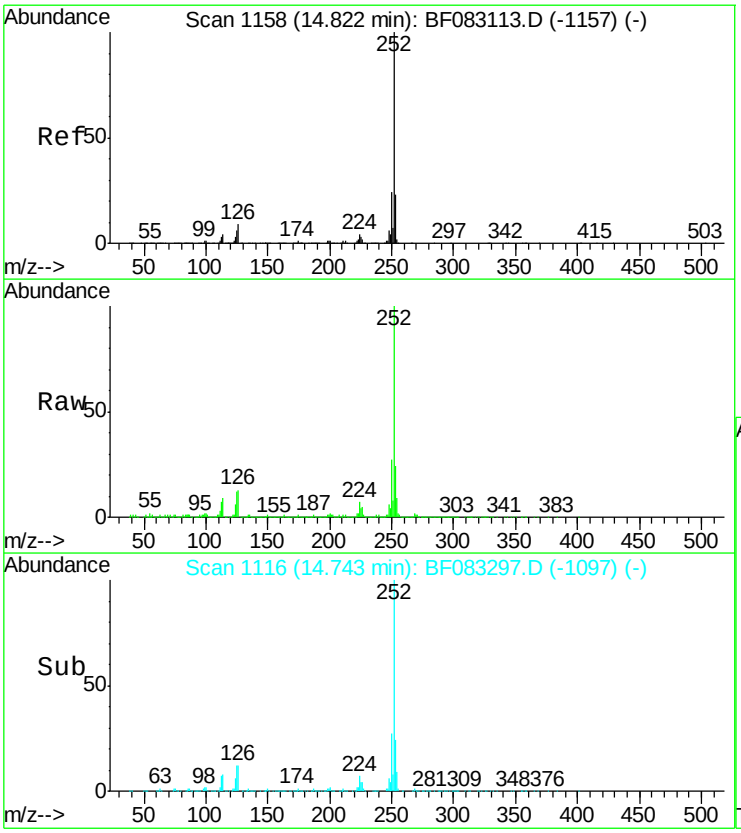
#87
Benzo(b)fluoranthene
Concen: 120.89 ng
RT: 14.74 min Scan# 1116
Delta R.T. -0.06 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:252 Resp: 2633713

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	12.2	5.6	8.4#

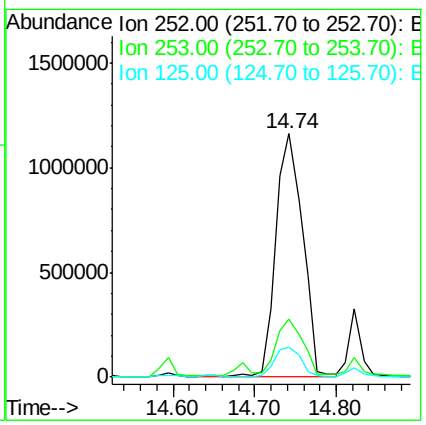


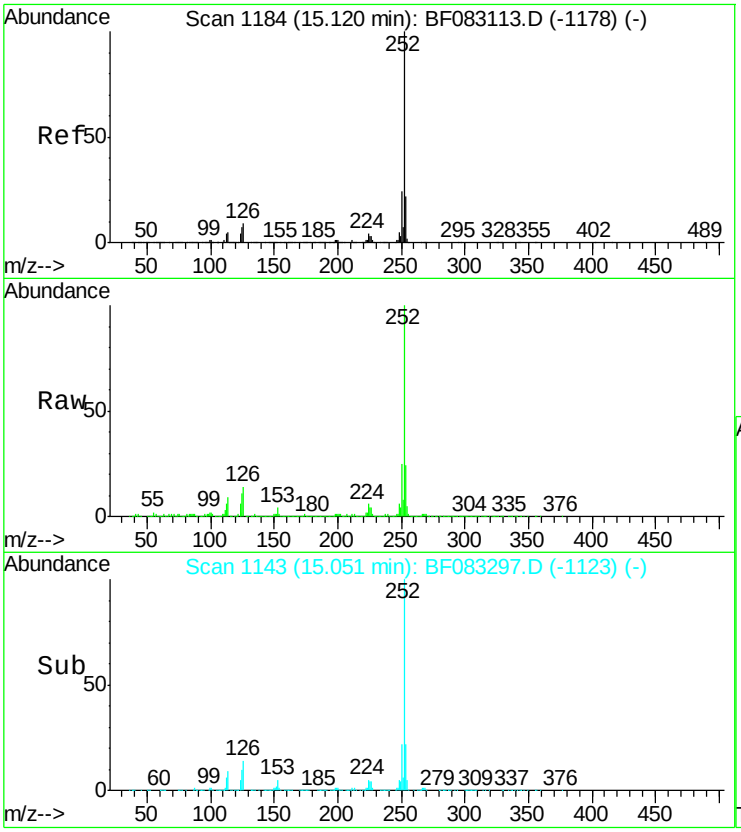


#88
Benzo(k)fluoranthene
Concen: 162.26 ng
RT: 14.74 min Scan# 1116
Delta R.T. -0.08 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:252 Resp: 2633713

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	12.2	6.8	10.2#



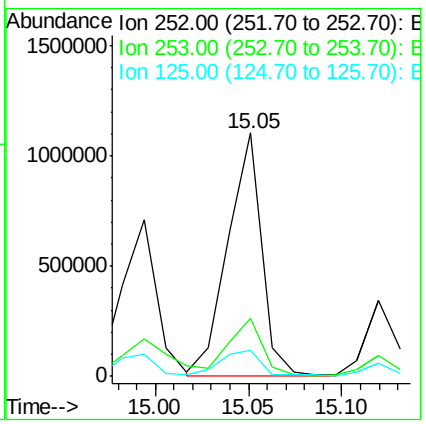


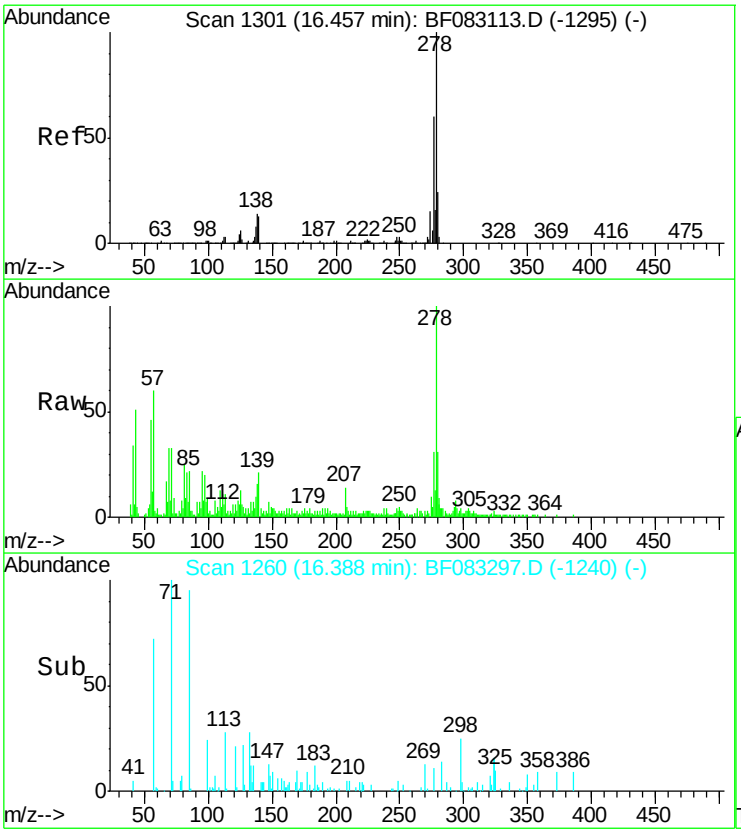
#89
Benzo(a)pyrene
Concen: 77.57 ng
RT: 15.05 min Scan# 1143
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:252 Resp: 1395237

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	10.9	5.4	8.0#

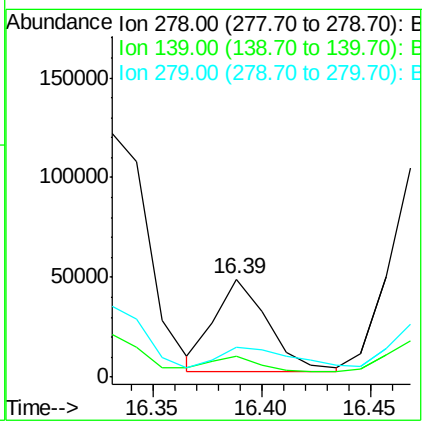


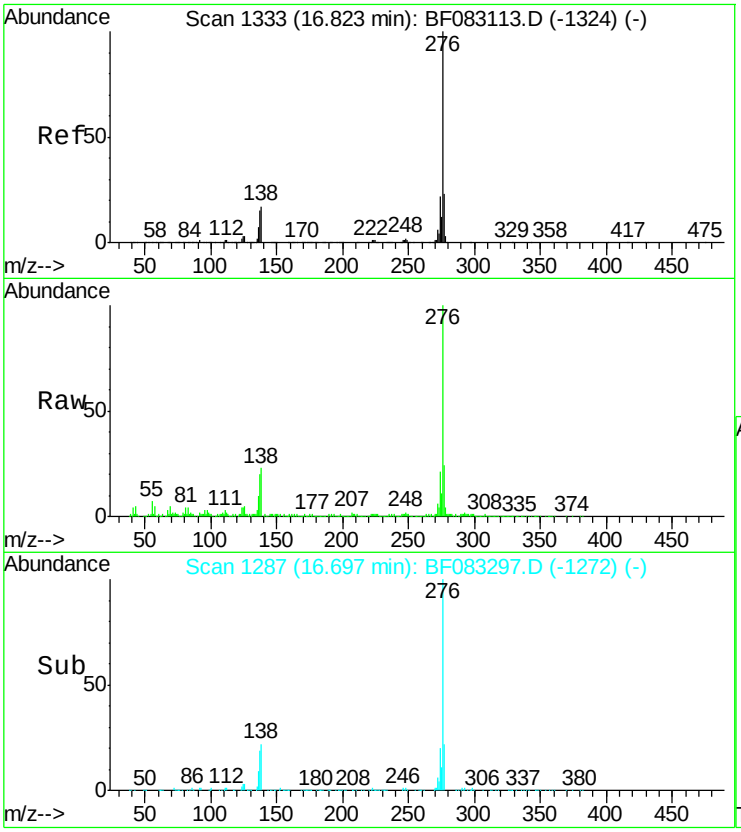


#90
Dibenzo(a,h)anthracene
Concen: 4.86 ng
RT: 16.39 min Scan# 1260
Delta R.T. -0.07 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Tgt Ion:278 Resp: 79463

Ion	Ratio	Lower	Upper
278	100		
139	21.1	10.7	16.1#
279	31.1	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 39.85 ng
RT: 16.70 min Scan# 1287
Delta R.T. -0.13 min
Lab File: BF083297.D
Acq: 26 Nov 2015 2:43

Instrument :
BNA_F
ClientSampleId :
SB-8RE

Tgt Ion:276 Resp: 635509

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	23.4	13.9	20.9#