Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083265.D
Acq On : 25 Nov 2015 5:01
Operator : UM/IZ
Sample : G4440-04RE 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S4

Quant Time: Nov 25 05:58:17 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	6.76	152	144437	20.00	ng		0.10
21) Naphthalene-d8	7.90	136	698888	20.00	ng		-0.06
38) Acenaphthene-d10	9.64	164	305585	20.00	ng		-0.06
63) Phenanthrene-d10	11.12	188	460174	20.00	ng		-0.06
75) Chrysene-d12	13.75	240	462412	20.00	ng		-0.06
86) Perylene-d12	15.11	264	420031	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	324825	34.00	ng		-0.08
7) Phenol-d6	6.27	99	465031	37.62	ng		-0.07
23) Nitrobenzene-d5	7.18	82	275016	17.98	ng		-0.06
41) 2,4,6-Tribromophenol	10.43	330	61610	19.71	ng		-0.06
44) 2-Fluorobiphenyl	8.98	172	386284	17.63	ng		-0.05
78) Terphenyl-d14	12.71	244	291097	14.82	ng		-0.06
Target Compounds							Qvalue
9) Benzaldehyde	6.27	77	677	Below Cal		#	4
19) n-Nitroso-di-n-propylamine	7.18	70	37146	4.32	ng	#	76
49) Dimethylphthalate	9.38	163	87010	3.70	ng		97
50) 2,6-Dinitrotoluene	9.64	165	41033	7.77	ng	#	13
56) 2,4-Dinitrotoluene	9.64	165	41026	6.13	ng	#	10
70) Phenanthrene	11.14	178	265636	10.02	ng		98
71) Anthracene	11.20	178	63671	2.35	ng		100
74) Fluoranthene	12.33	202	637702	23.50	ng		96
77) Pyrene	12.55	202	494943	15.67	ng		95
79) Butylbenzylphthalate	13.19	149	45739	3.06	ng		92
80) Benzo(a)anthracene	13.74	228	283573	9.92	ng		99
82) Chrysene	13.77	228	242174	9.13	ng		96
83) Bis(2-ethylhexyl)phthalate	13.76	149	419182	21.47	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.35	276	107753	4.47	ng		98
87) Benzo(b)fluoranthene	14.74	252	416863	14.53	ng	#	92
88) Benzo(k)fluoranthene	14.74	252	416863	19.50	ng	#	93
89) Benzo(a)pyrene	15.05	252	186554	7.87	ng	#	88
91) Benzo(g,h,i)perylene	16.72	276	93337	4.44	ng	#	89

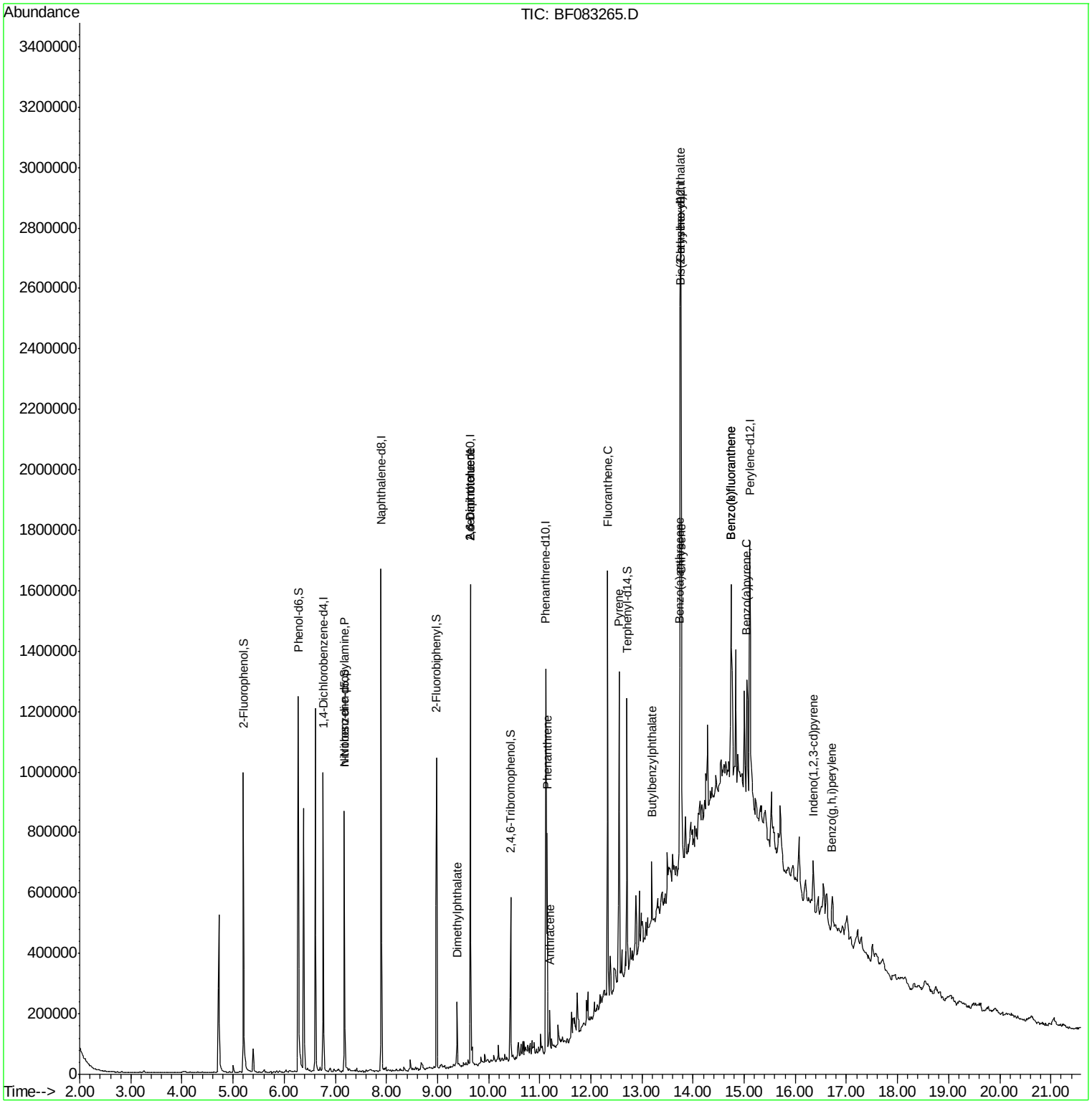
(#) = qualifier out of range (m) = manual integration (+) = signals summed

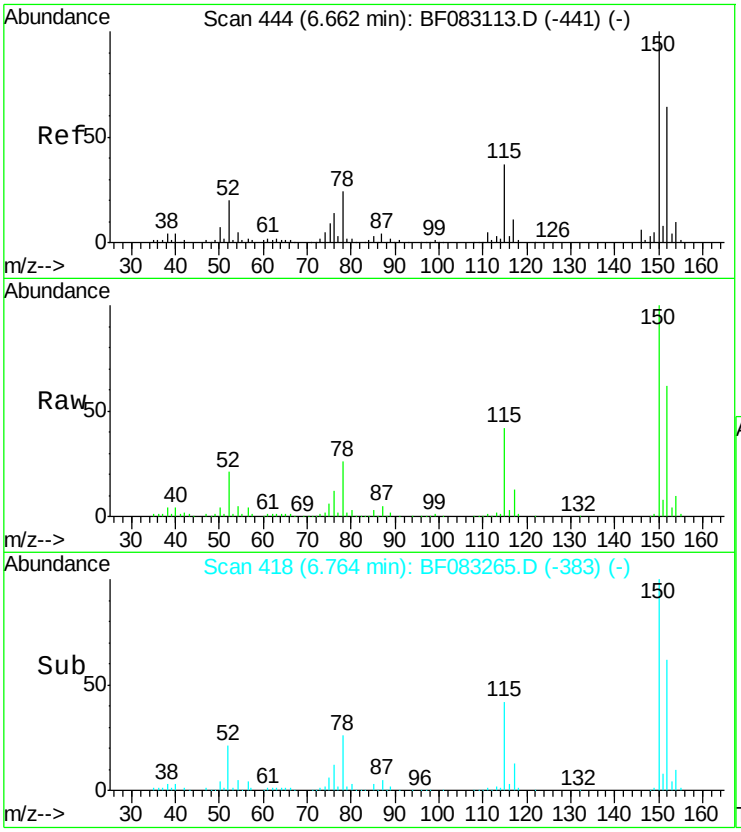
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083265.D
Acq On : 25 Nov 2015 5:01
Operator : UM/IZ
Sample : G4440-04RE 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V1S4

Quant Time: Nov 25 05:58:17 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



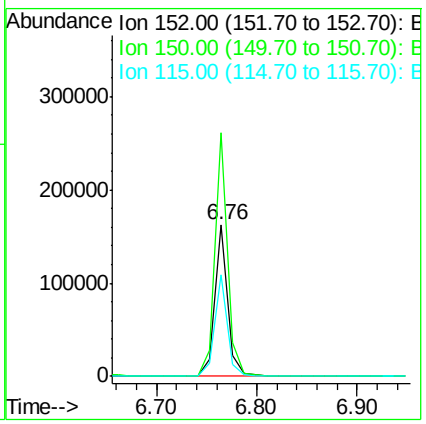


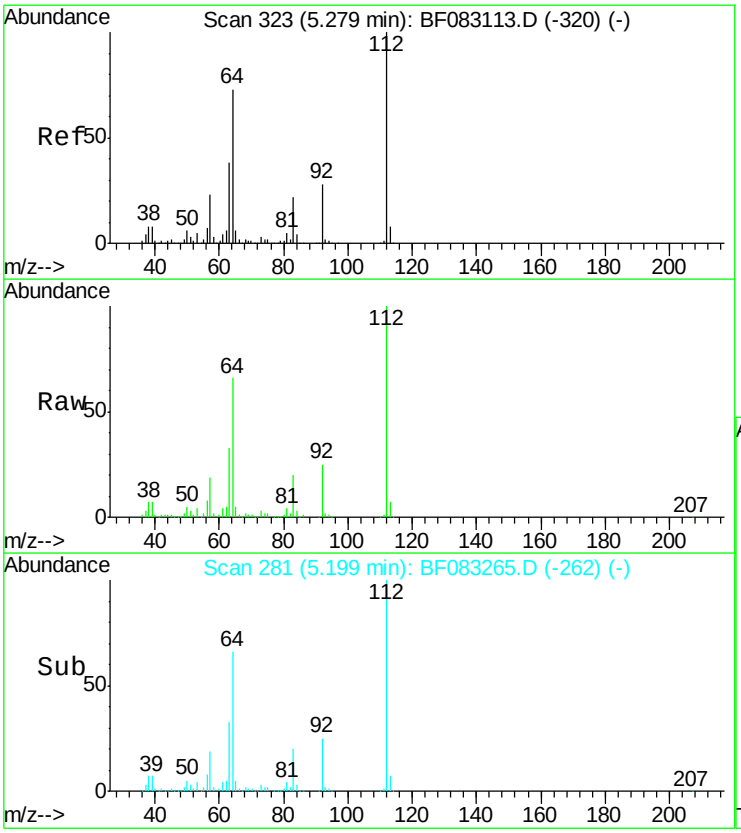
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 418
Delta R.T. 0.10 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:152 Resp: 144437

Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.8	188.8
115	66.8	46.9	70.3

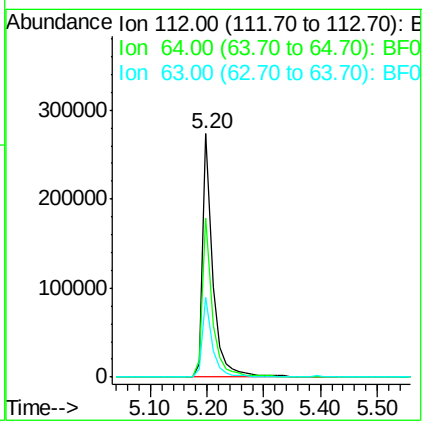


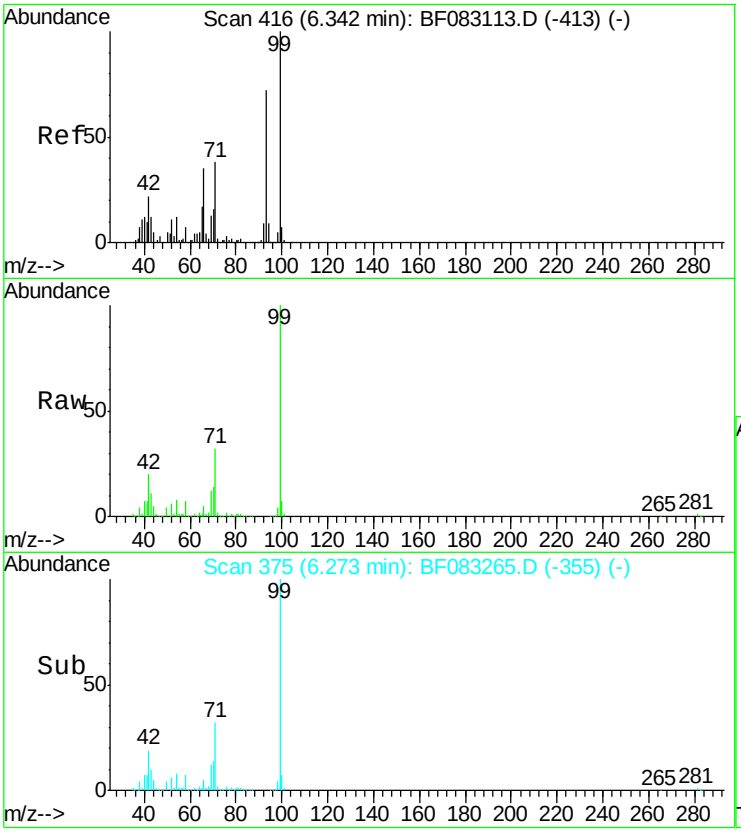


#5
2-Fluorophenol
Concen: 34.00 ng
RT: 5.20 min Scan# 281
Delta R.T. -0.08 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion:112 Resp: 324825

Ion	Ratio	Lower	Upper
112	100		
64	65.5	58.4	87.6
63	32.8	30.0	45.0



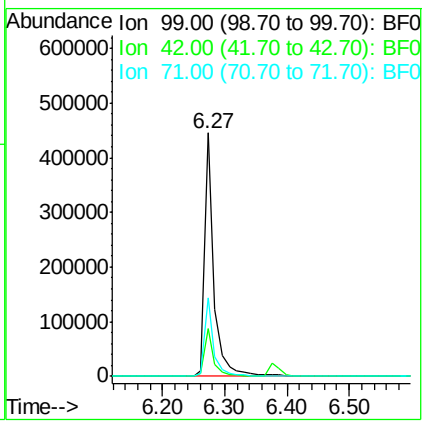


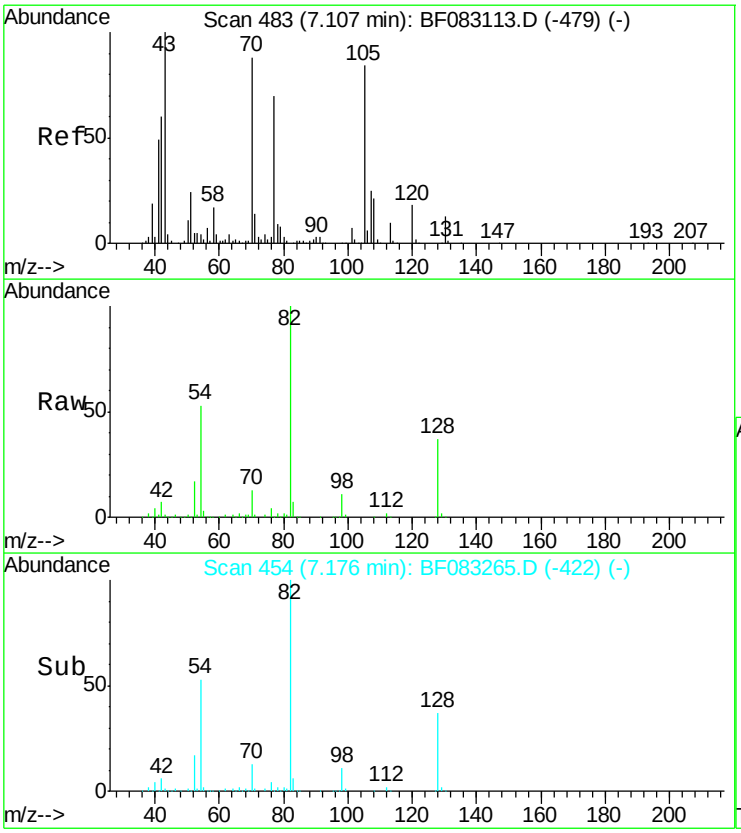
#7
Phenol-d6
Concen: 37.62 ng
RT: 6.27 min Scan# 375
Delta R.T. -0.07 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion: 99 Resp: 465031

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.7	26.5
71	32.1	30.2	45.4

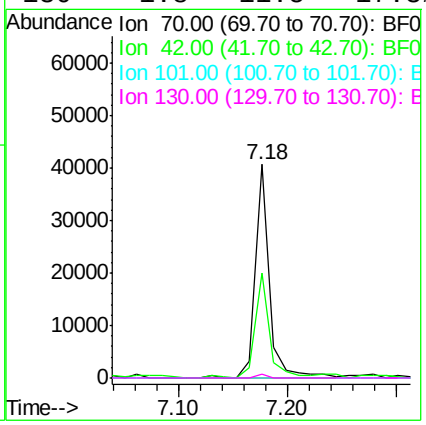


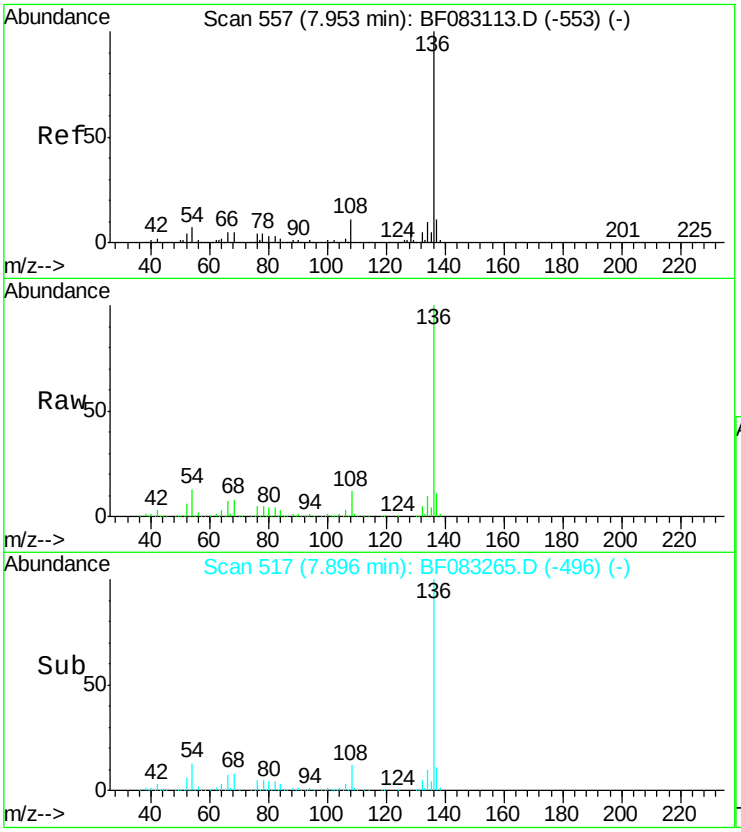


#19
n-Nitroso-di-n-propylamine
Concen: 4.32 ng
RT: 7.18 min Scan# 454
Delta R.T. 0.07 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion: 70 Resp: 37146

Ion	Ratio	Lower	Upper
70	100		
42	49.3	54.5	81.7#
101	0.0	6.6	9.8#
130	1.8	11.5	17.3#



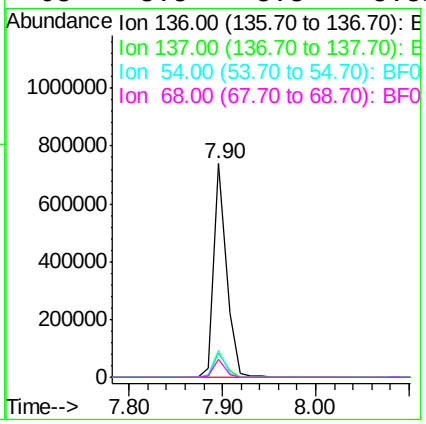


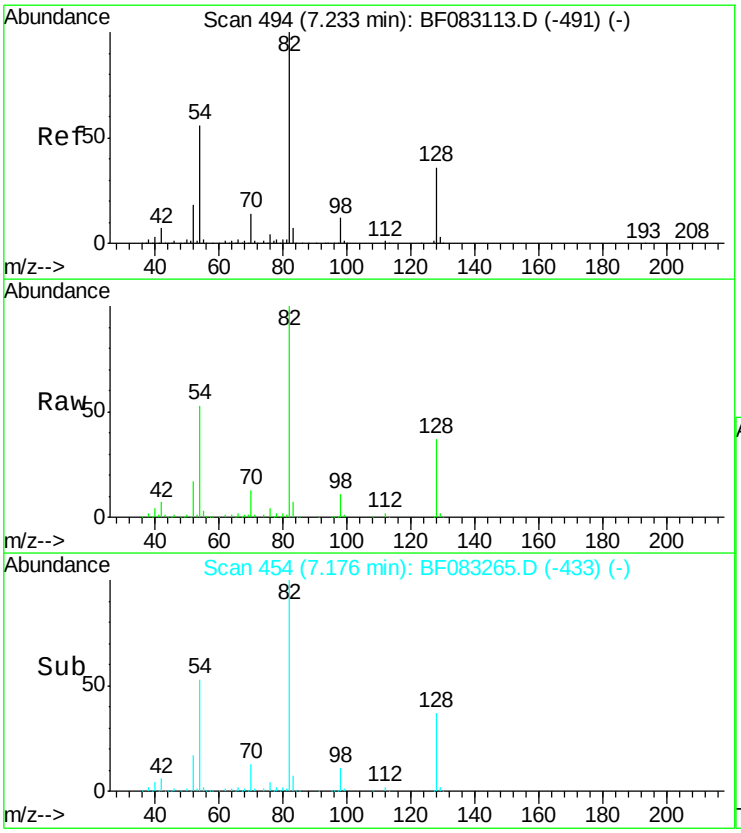
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:136 Resp: 698888

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	12.5	5.8	8.6#
68	8.5	3.8	5.8#

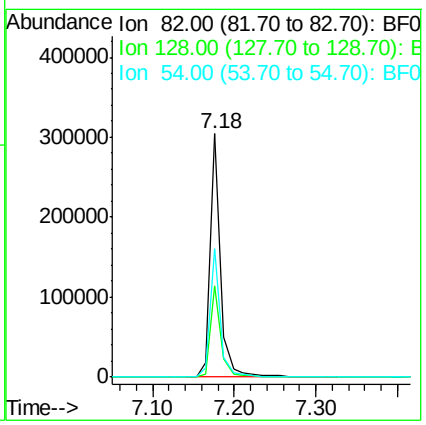


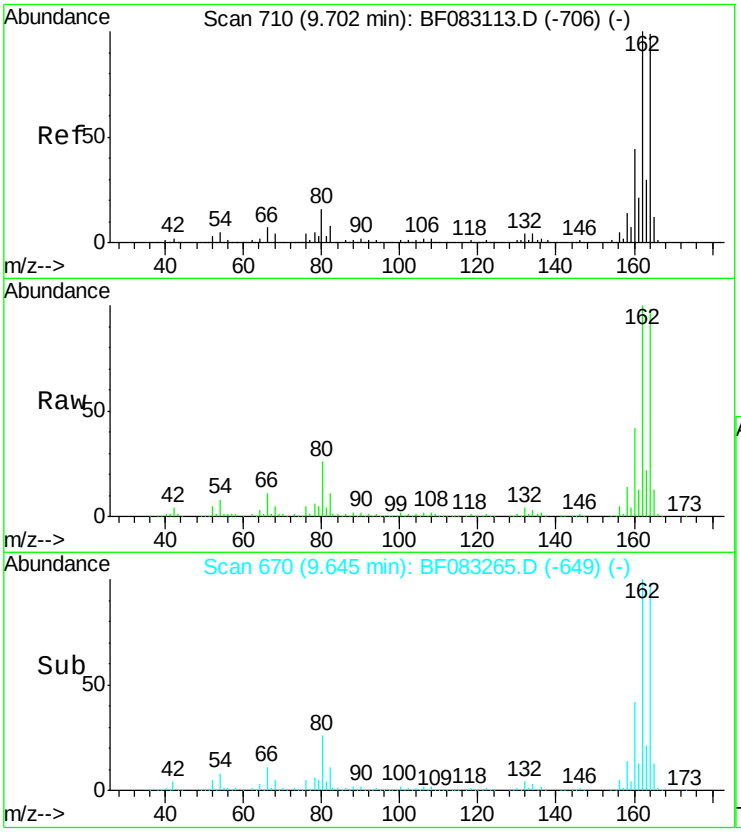


#23
Nitrobenzene-d5
Concen: 17.98 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion: 82 Resp: 275016

Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.5	42.7
54	52.7	44.6	67.0



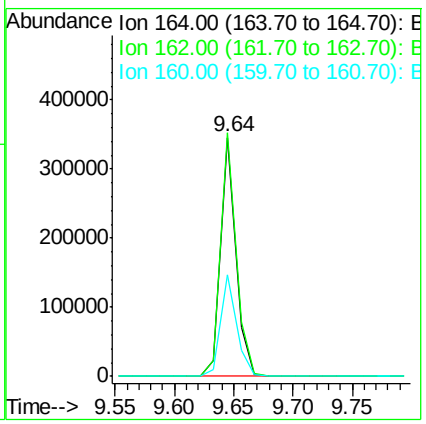


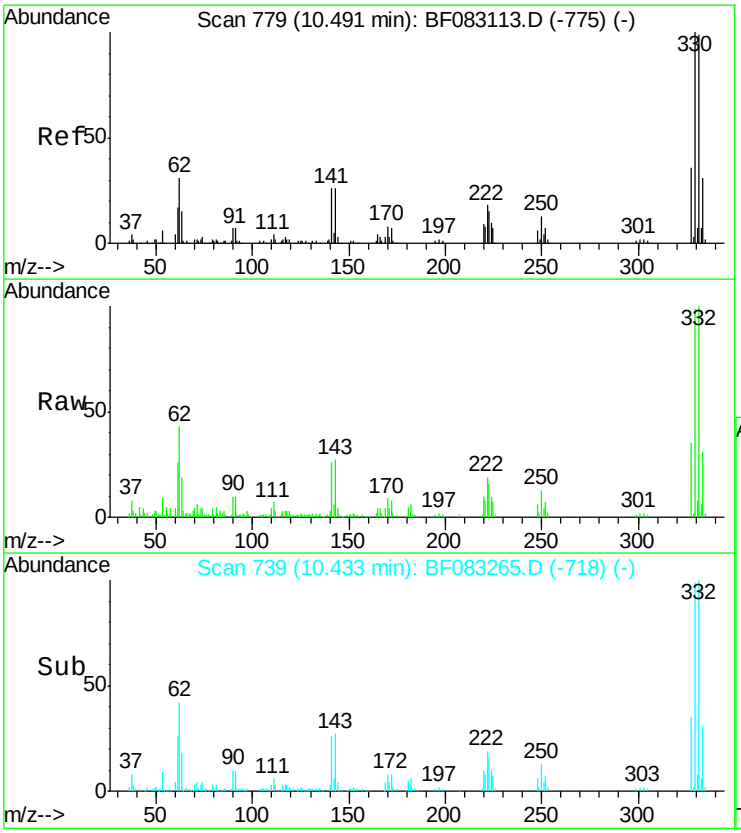
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:164 Resp: 305585

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.2	121.8
160	42.6	35.6	53.4

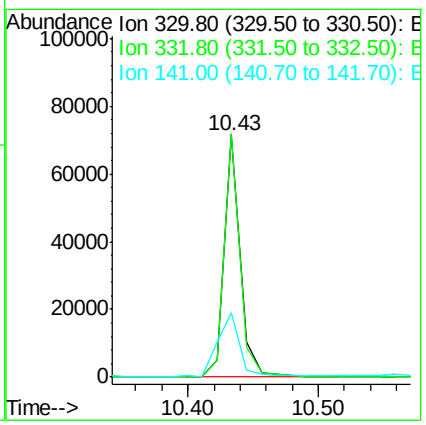


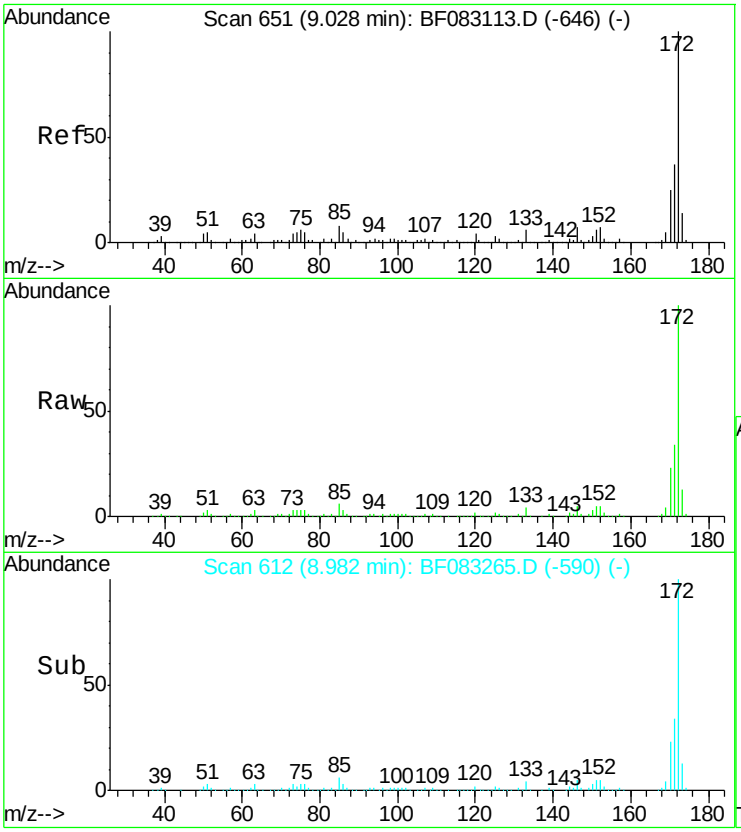


#41
2,4,6-Tribromophenol
Concen: 19.71 ng
RT: 10.43 min Scan# 739
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion:330 Resp: 61610

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.7	116.5
141	39.2	29.7	44.5



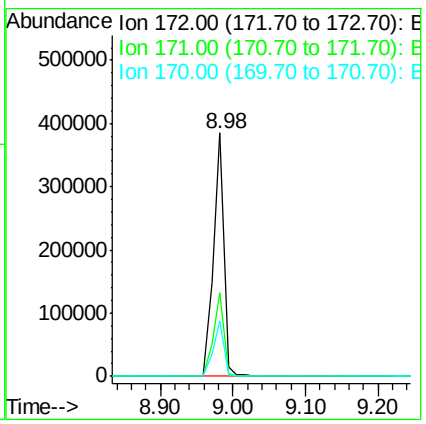


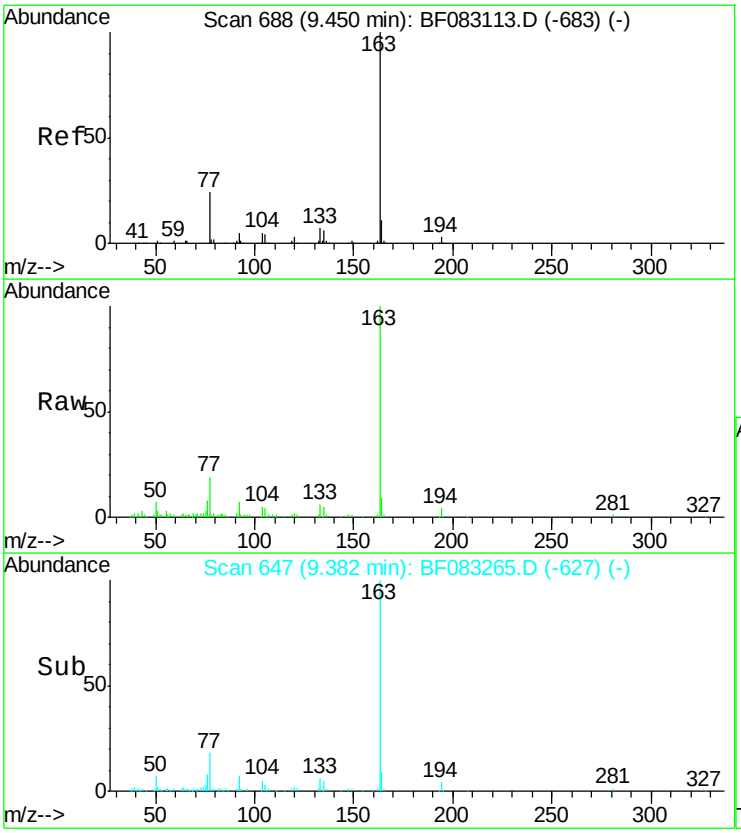
#44
2-Fluorobiphenyl
Concen: 17.63 ng
RT: 8.98 min Scan# 612
Delta R.T. -0.05 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:172 Resp: 386284

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.5	44.3
170	22.9	19.9	29.9

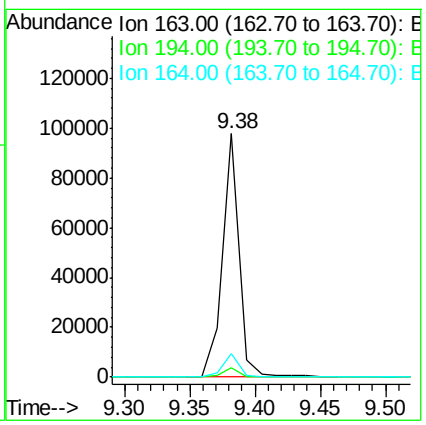


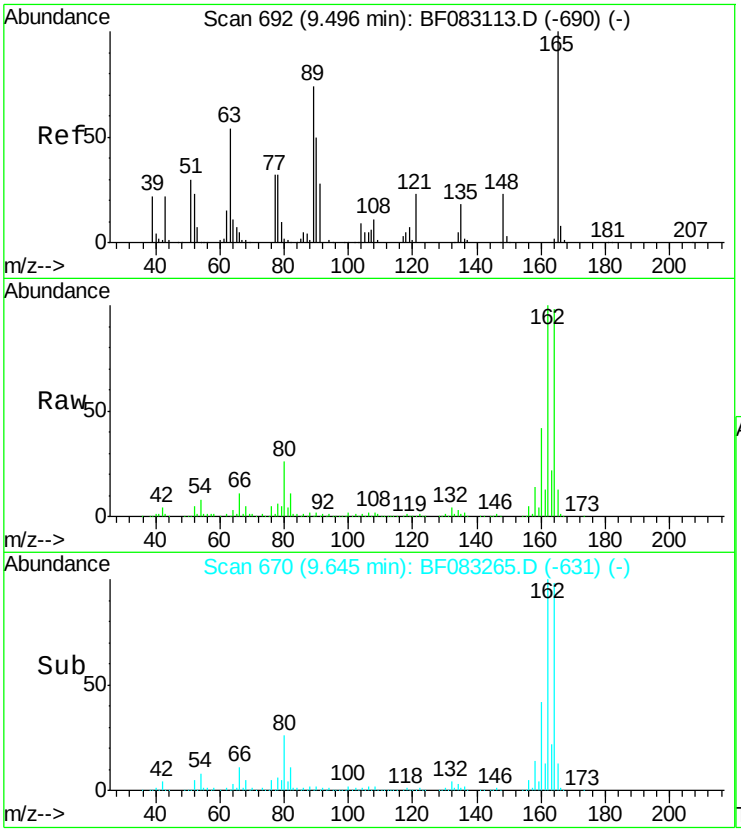


#49
Dimethylphthalate
Concen: 3.70 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion:163 Resp: 87010

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.4	8.6	12.8



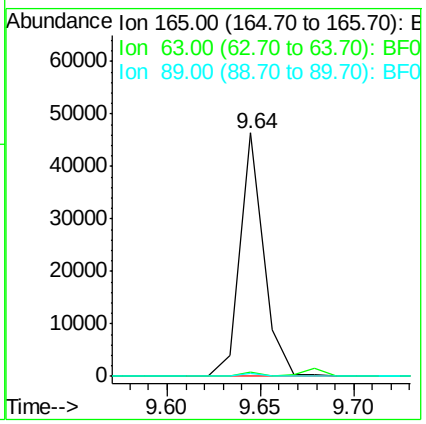


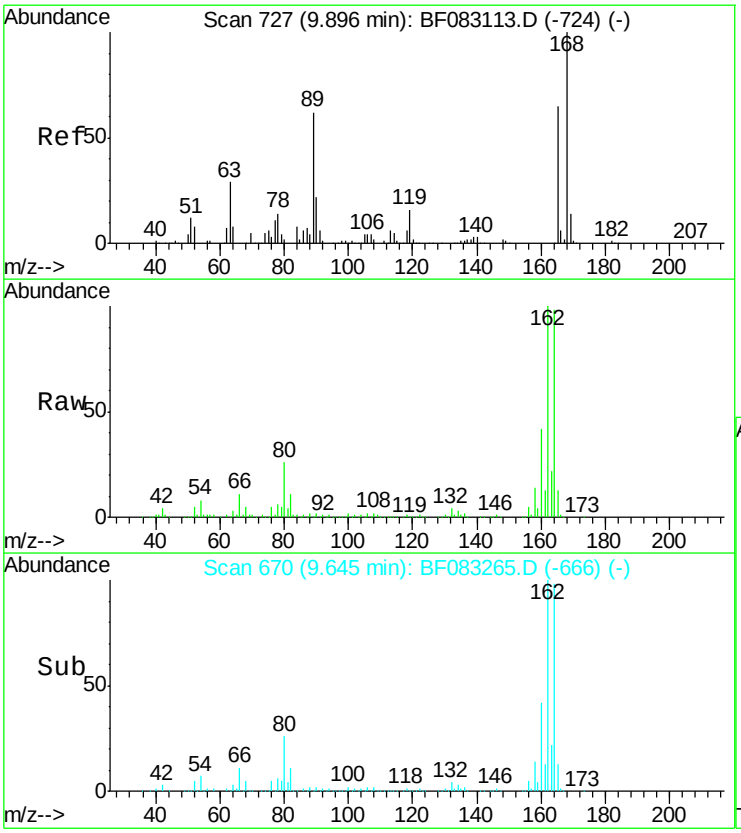
#50
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 9.64 min Scan# 670
Delta R.T. 0.15 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:165 Resp: 41033

Ion	Ratio	Lower	Upper
165	100		
63	1.7	62.5	93.7#
89	1.3	59.1	88.7#

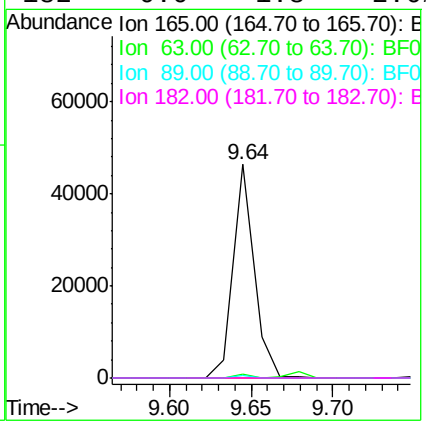


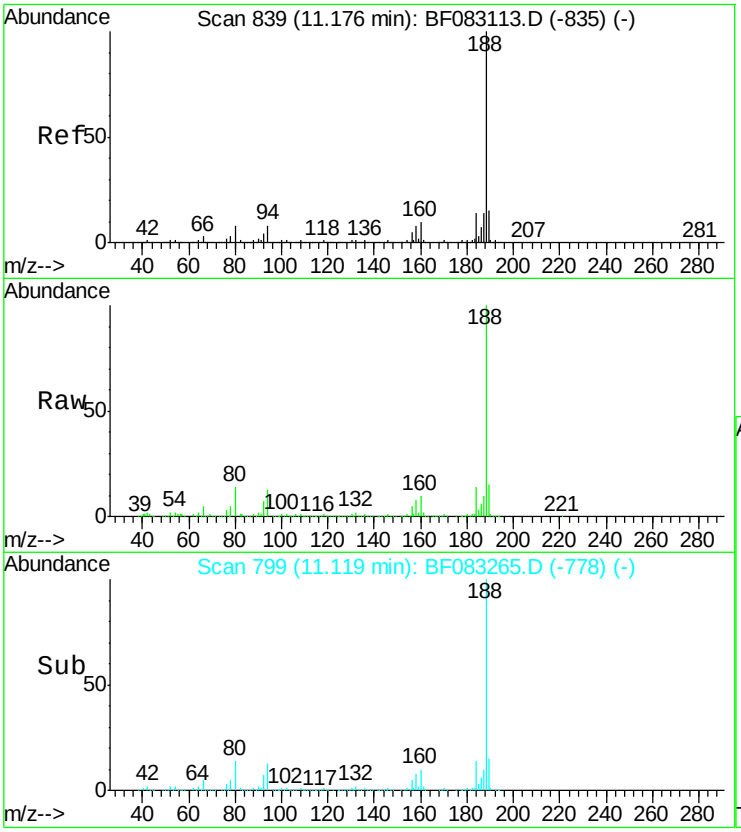


#56
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.25 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion:165 Resp: 41026

Ion	Ratio	Lower	Upper
165	100		
63	1.7	54.5	81.7#
89	1.3	77.3	115.9#
182	0.0	1.8	2.6#



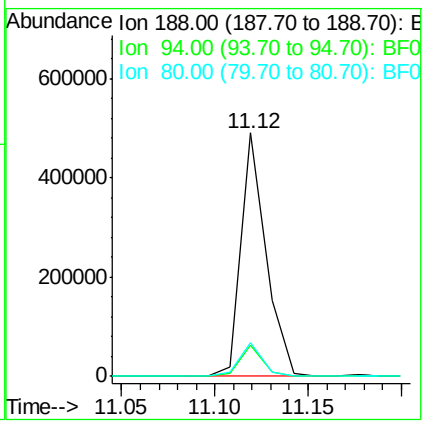


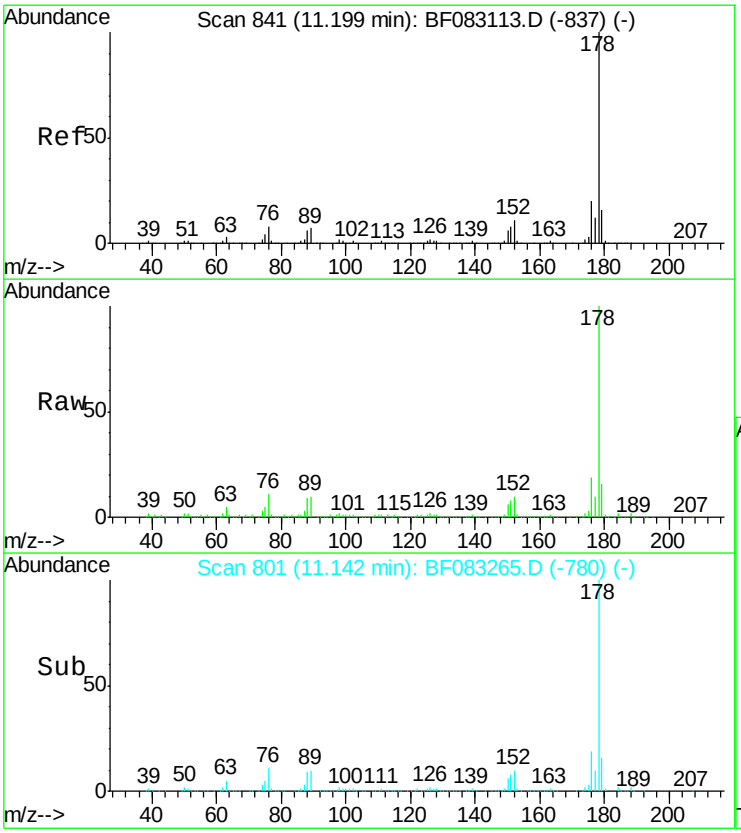
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 799
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:188 Resp: 460174

Ion	Ratio	Lower	Upper
188	100		
94	12.8	6.0	9.0#
80	14.0	6.7	10.1#

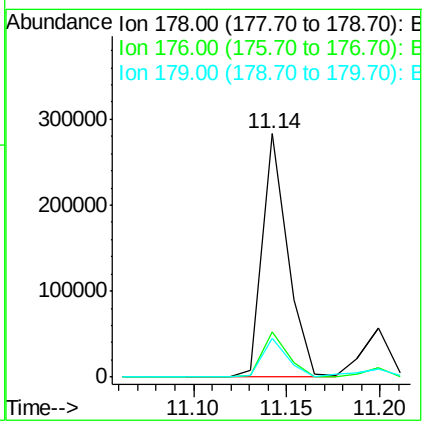


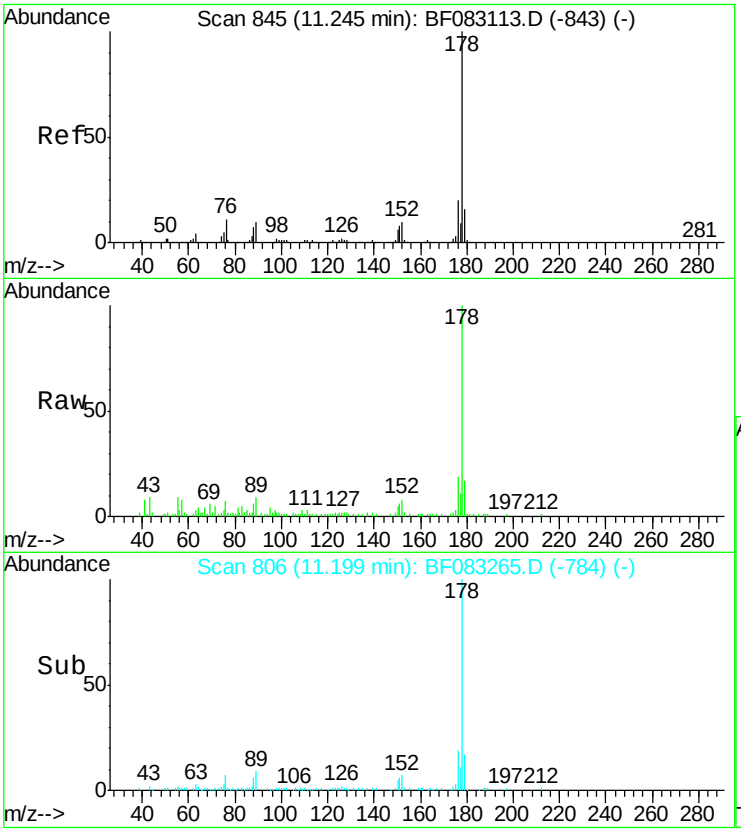


#70
Phenanthrene
Concen: 10.02 ng
RT: 11.14 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion:178 Resp: 265636

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.2
179	15.8	12.8	19.2



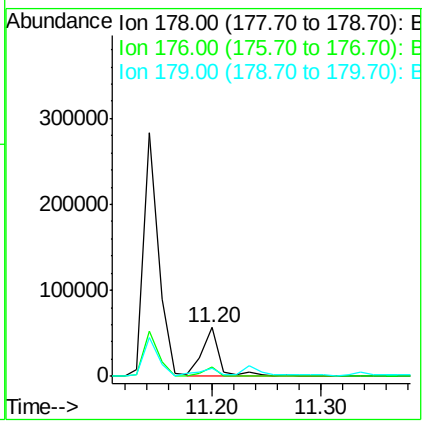


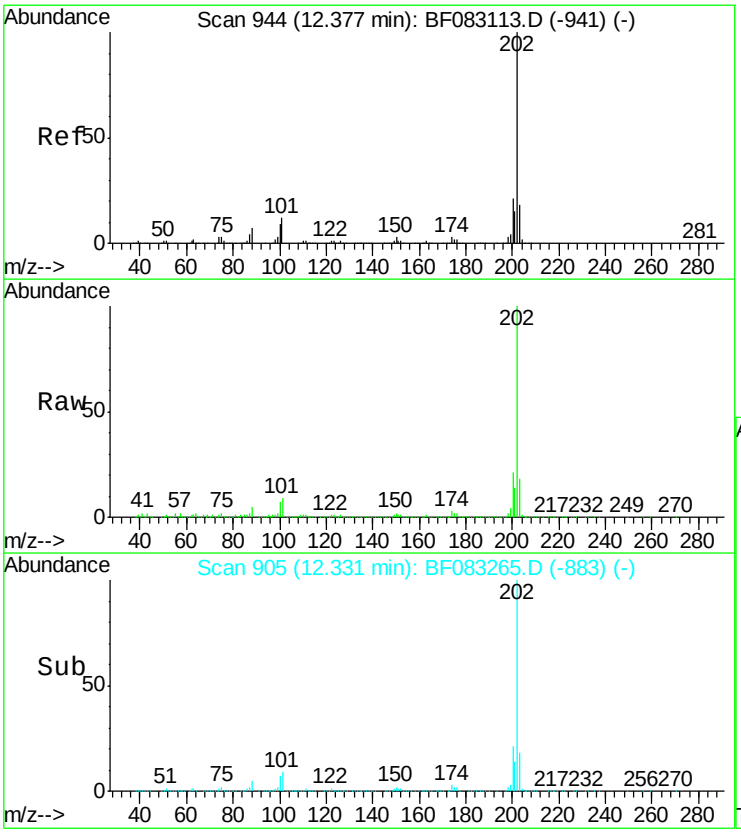
#71
Anthracene
Concen: 2.35 ng
RT: 11.20 min Scan# 806
Delta R.T. -0.05 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:178 Resp: 63671

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.7	13.2	19.8

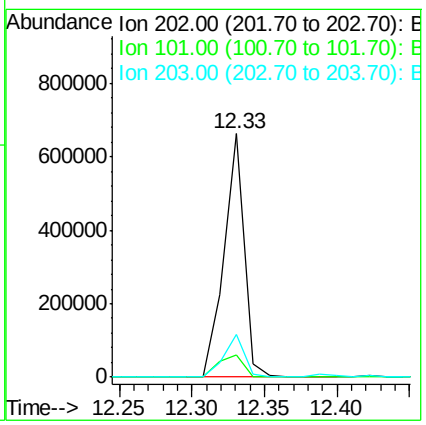


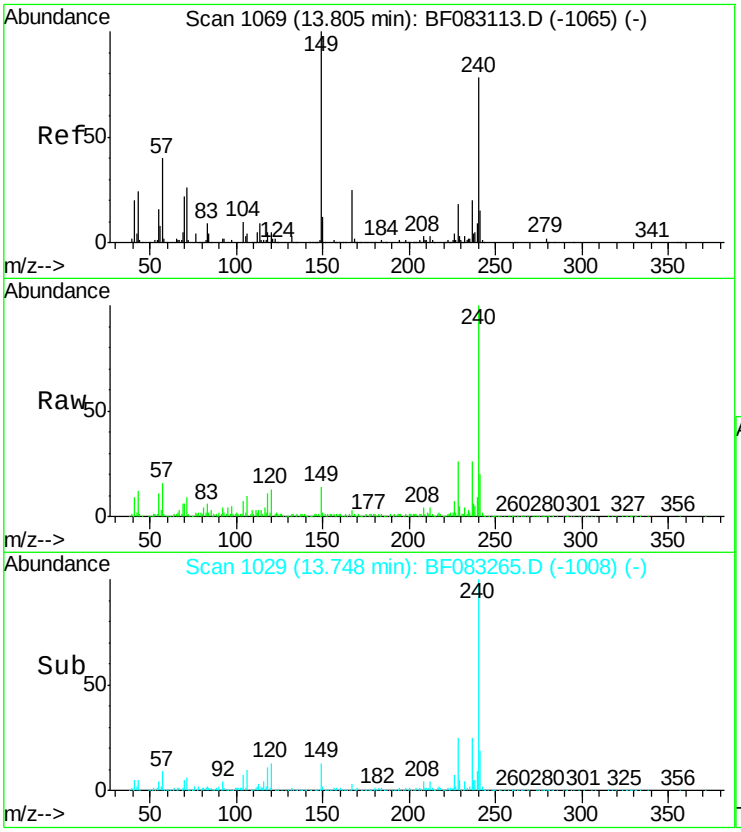


#74
Fluoranthene
Concen: 23.50 ng
RT: 12.33 min Scan# 905
Delta R.T. -0.05 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion:202 Resp: 637702

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	32.3
203	17.7	0.0	38.4



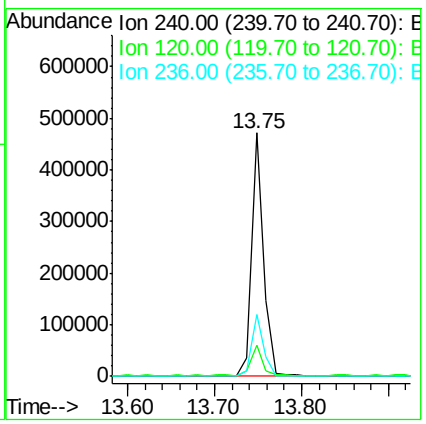


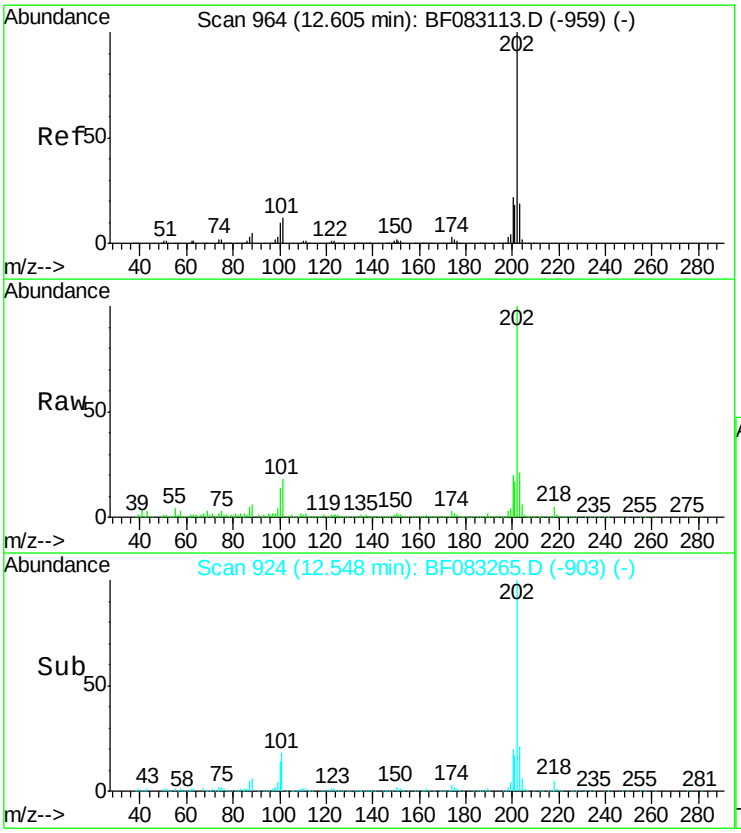
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:240 Resp: 462412

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.4	8.2#
236	25.6	20.6	31.0

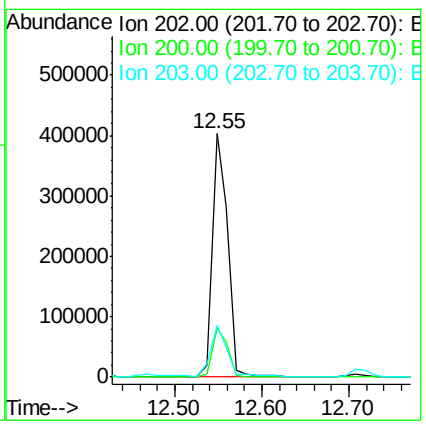


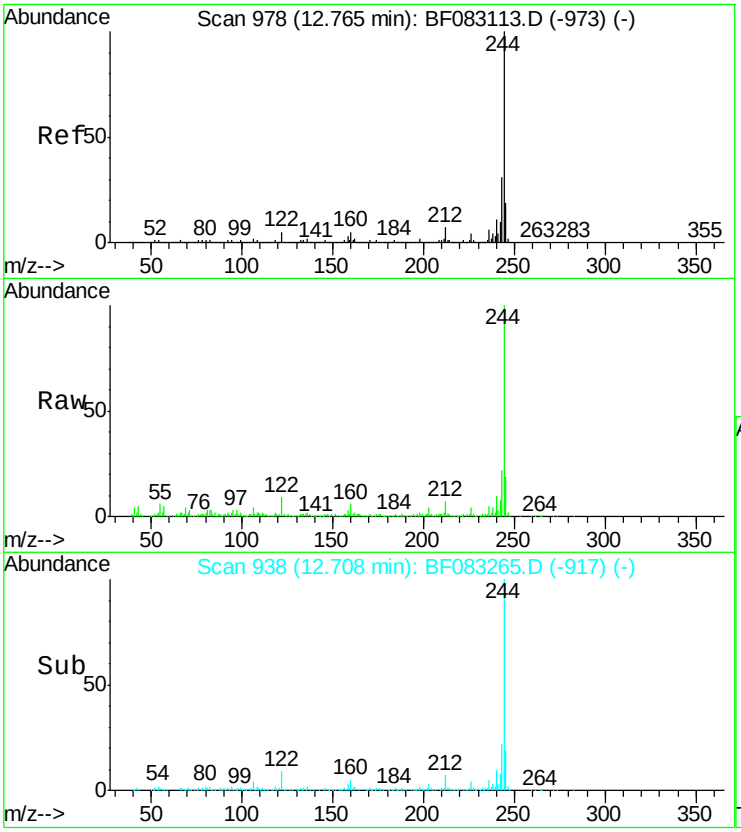


#77
Pyrene
Concen: 15.67 ng
RT: 12.55 min Scan# 924
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion:202 Resp: 494943

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.8	26.6
203	21.2	15.0	22.4



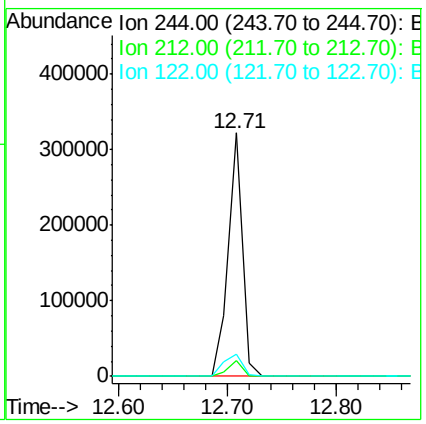


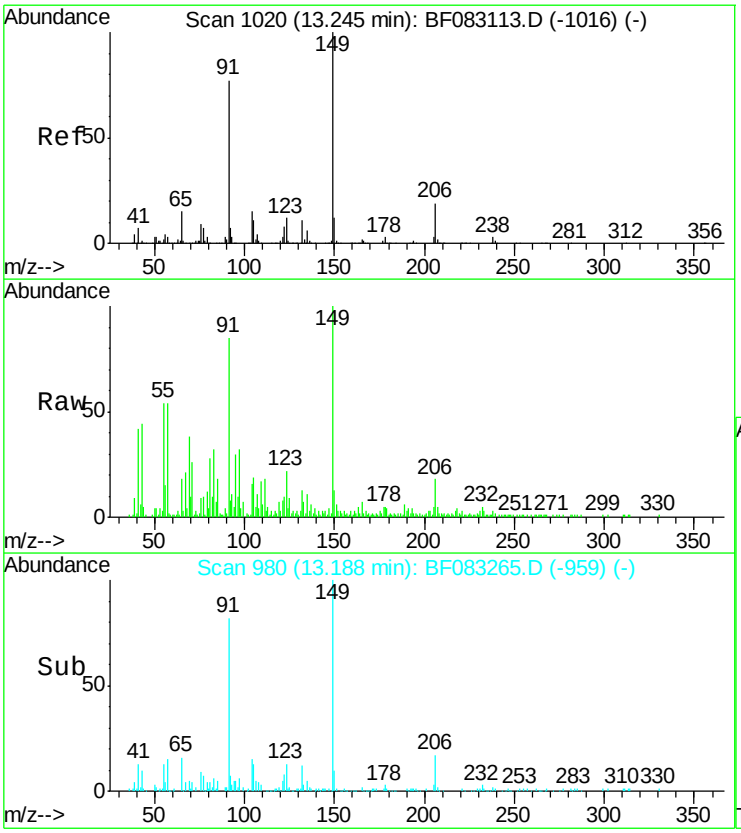
#78
Terphenyl-d14
Concen: 14.82 ng
RT: 12.71 min Scan# 938
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:244 Resp: 291097

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	9.0	4.3	6.5#

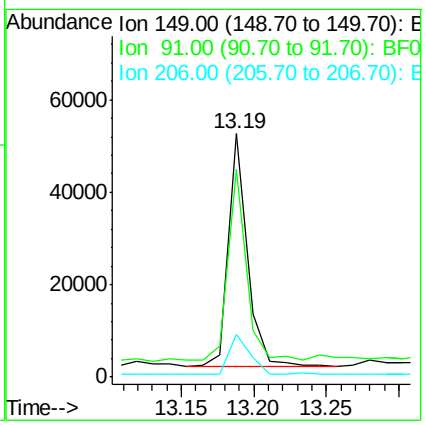


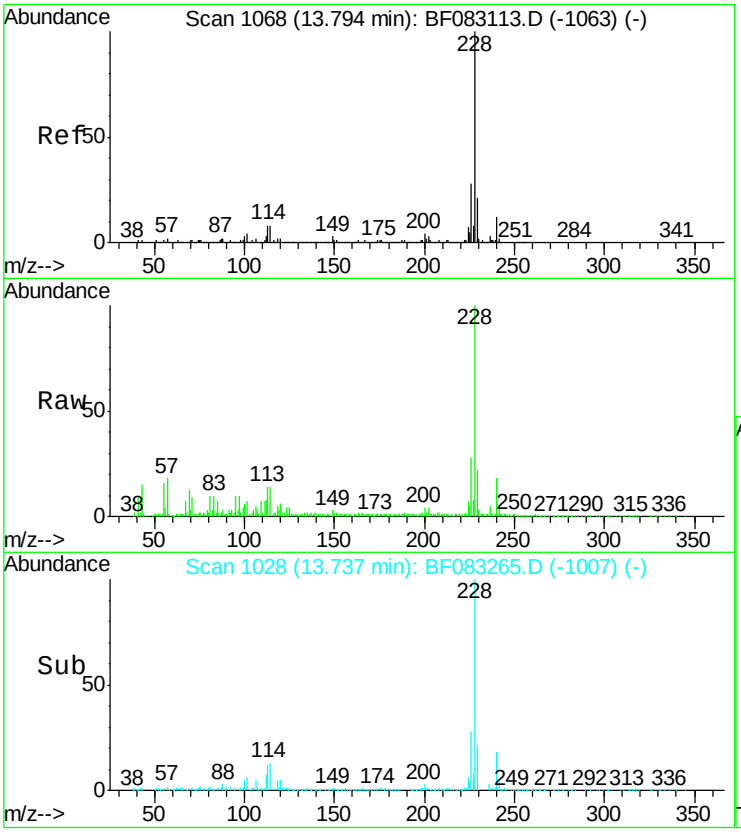


#79
Butylbenzylphthalate
Concen: 3.06 ng
RT: 13.19 min Scan# 980
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion:149 Resp: 45739

Ion	Ratio	Lower	Upper
149	100		
91	85.2	61.5	92.3
206	17.7	15.3	22.9



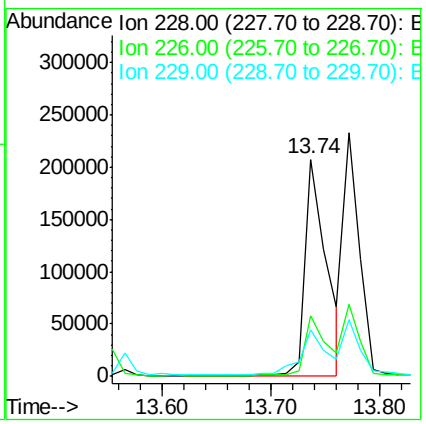


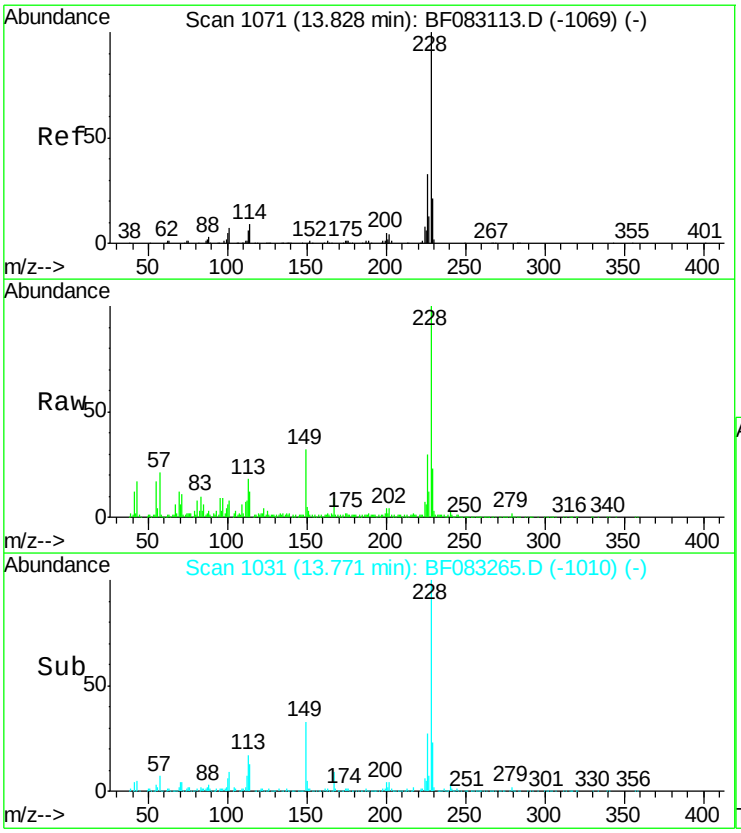
#80
Benzo(a)anthracene
Concen: 9.92 ng
RT: 13.74 min Scan# 1028
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:228 Resp: 283573

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.6	16.6	24.8

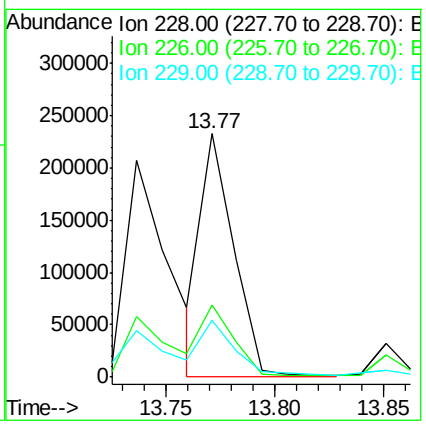


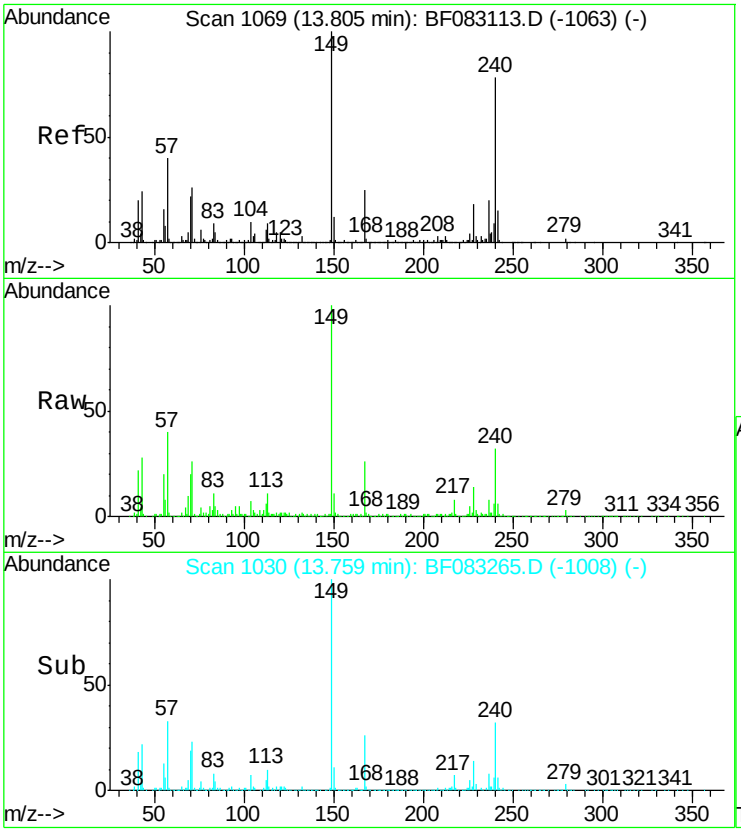


#82
Chrysene
Concen: 9.13 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion:228 Resp: 242174

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.5	38.3
229	23.2	16.6	25.0



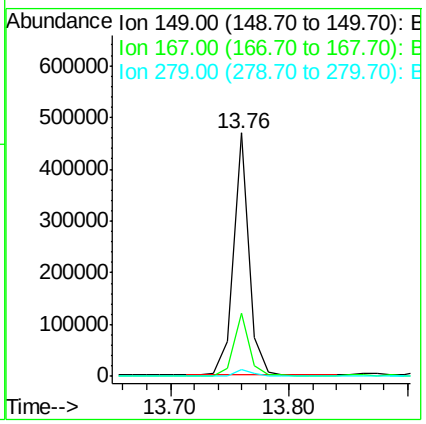


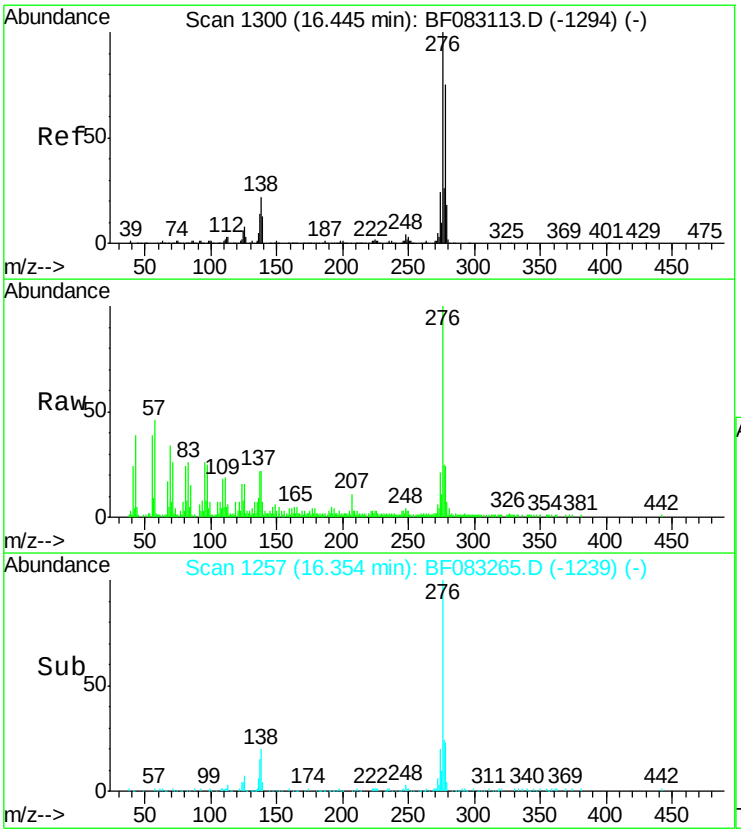
#83
Bis(2-ethylhexyl)phthalate
Concen: 21.47 ng
RT: 13.76 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:149 Resp: 419182

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.1	30.1
279	2.6	1.7	2.5#

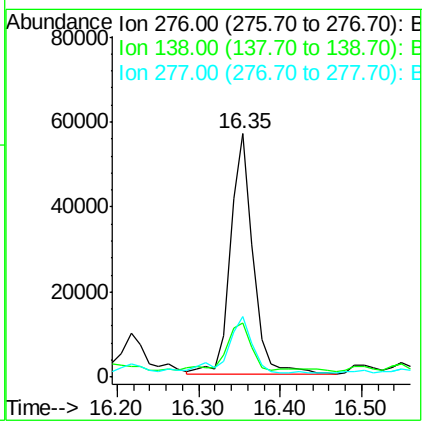


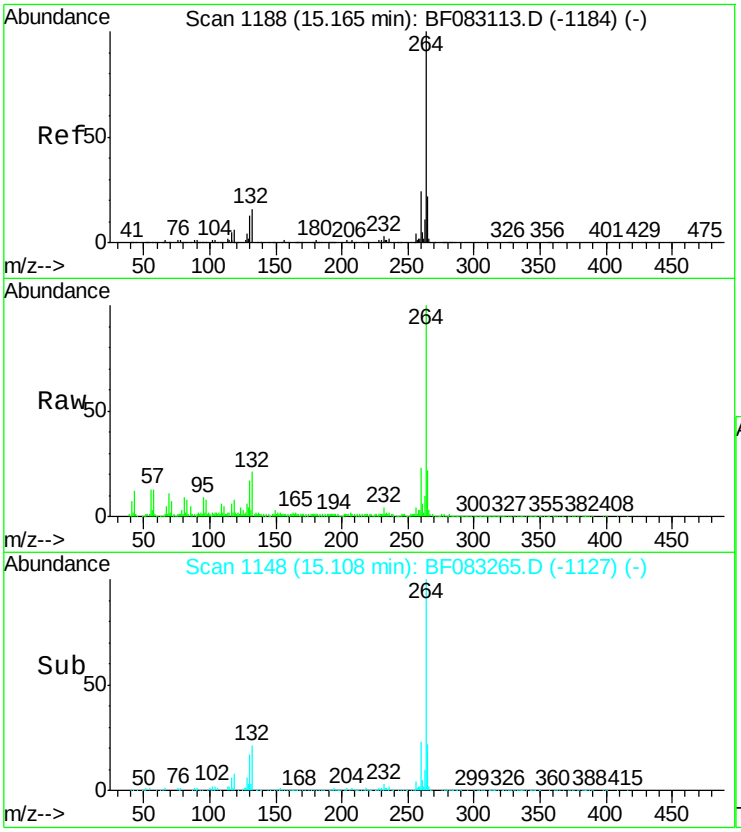


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.47 ng
RT: 16.35 min Scan# 1257
Delta R.T. -0.09 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion:276 Resp: 107753

Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.0	27.0
277	27.0	20.2	30.4



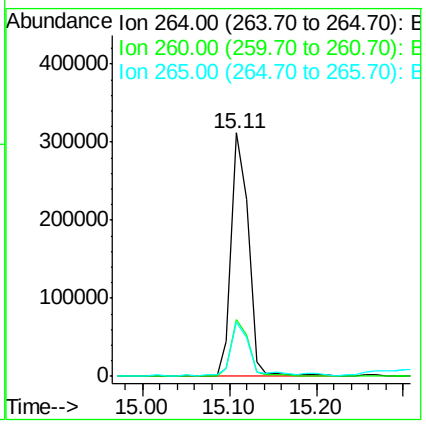


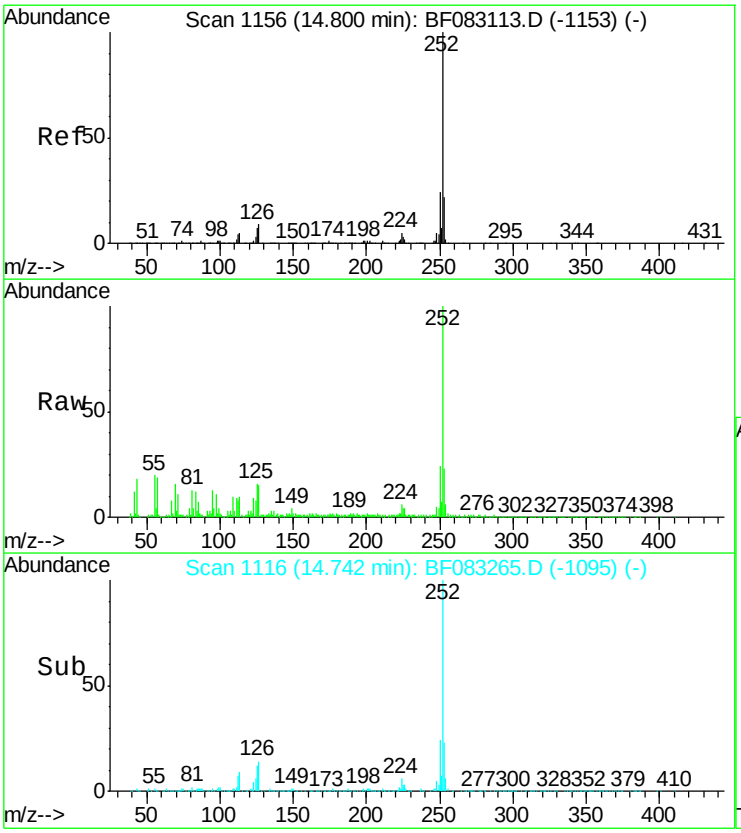
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:264 Resp: 420031

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	22.3	18.2	27.4

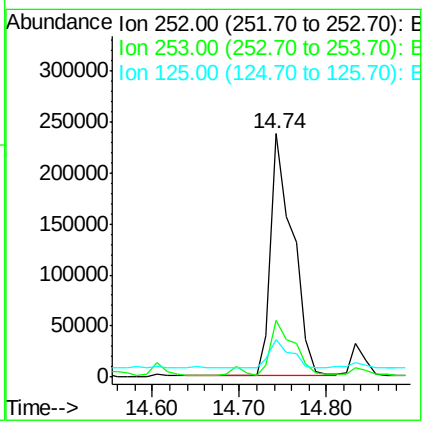


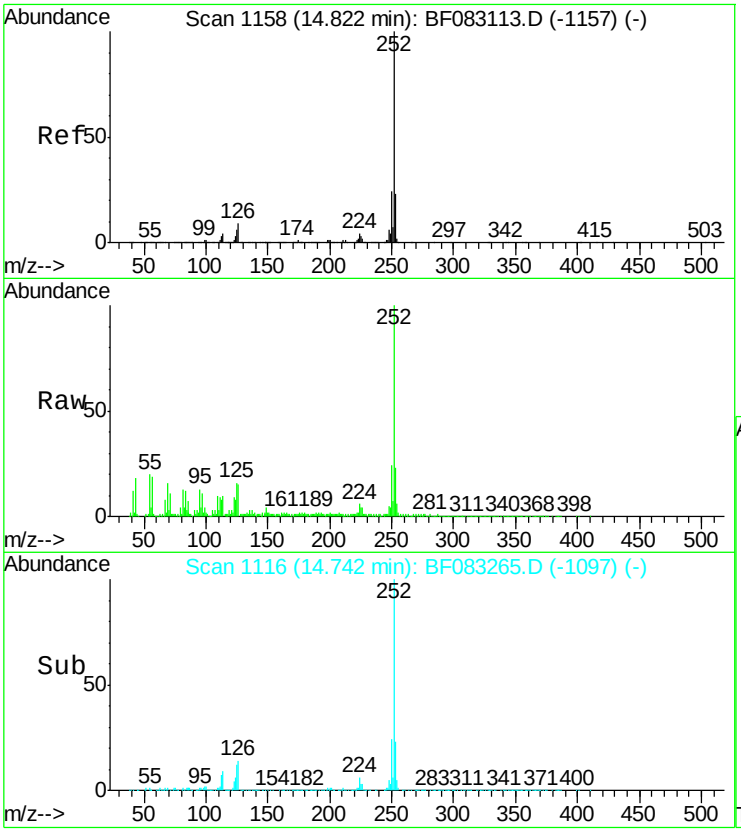


#87
Benzo(b)fluoranthene
Concen: 14.53 ng
RT: 14.74 min Scan# 1116
Delta R.T. -0.06 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion:252 Resp: 416863

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	15.6	5.6	8.4#



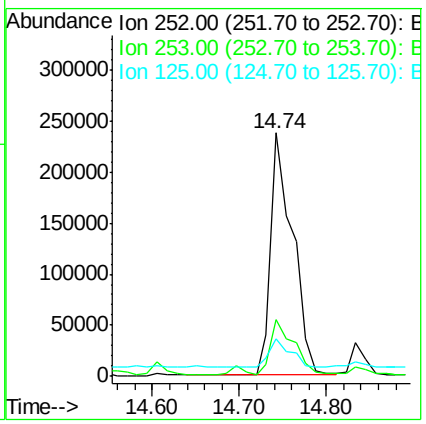


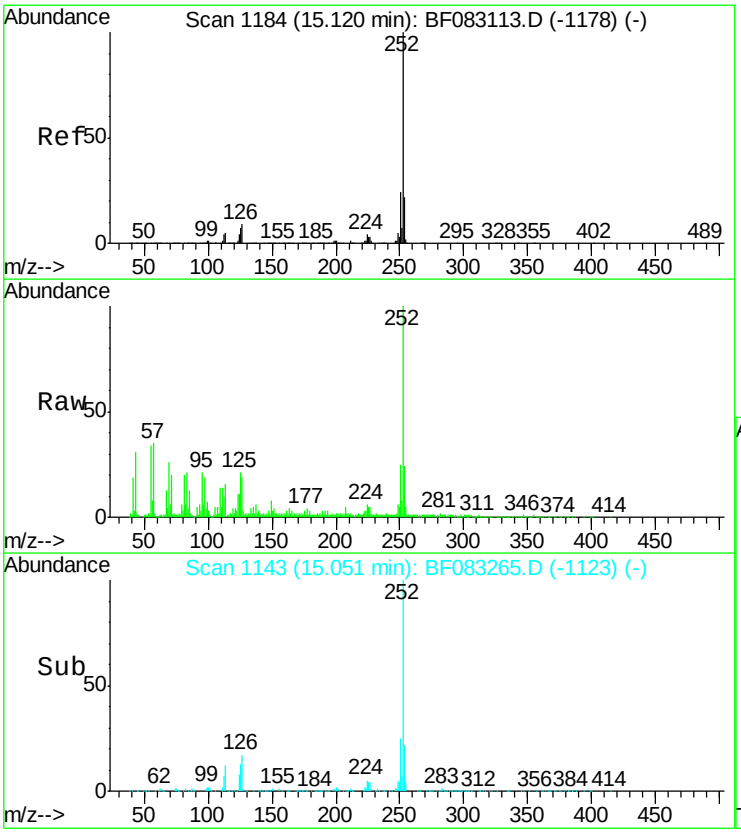
#88
Benzo(k)fluoranthene
Concen: 19.50 ng
RT: 14.74 min Scan# 1116
Delta R.T. -0.08 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:252 Resp: 416863

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	15.6	6.8	10.2#

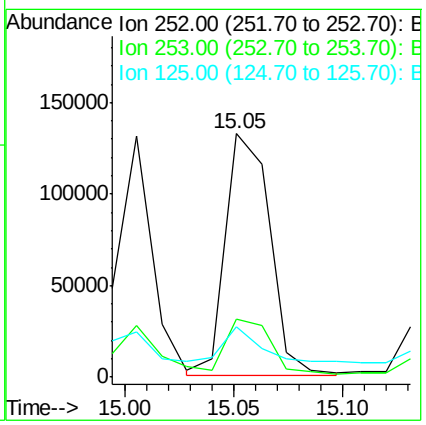


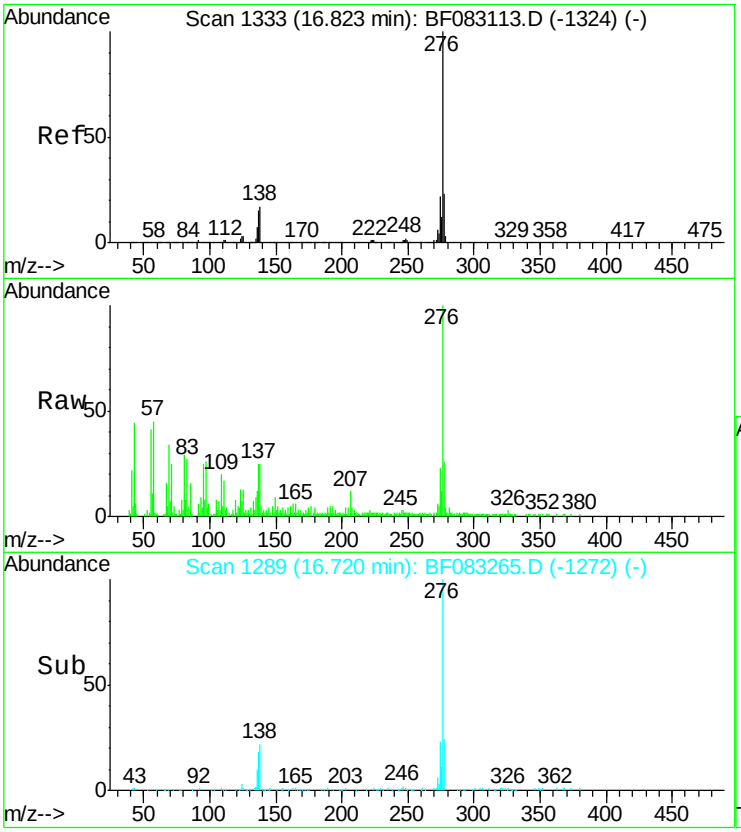


#89
Benzo(a)pyrene
Concen: 7.87 ng
RT: 15.05 min Scan# 1143
Delta R.T. -0.07 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Tgt Ion:252 Resp: 186554

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	20.9	5.4	8.0#





#91
Benzo(g,h,i)perylene
Concen: 4.44 ng
RT: 16.72 min Scan# 1289
Delta R.T. -0.10 min
Lab File: BF083265.D
Acq: 25 Nov 2015 5:01

Instrument :
BNA_F
ClientSampleId :
V1S4

Tgt Ion:276 Resp: 93337

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.7	28.1
138	25.4	13.9	20.9#