Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
Sample : G4583-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-04(0-6)

Quant Time: Dec 03 06:49:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	145781	20.00	ng		-0.01
21) Naphthalene-d8	7.82	136	571210	20.00	ng		-0.01
38) Acenaphthene-d10	9.57	164	281004	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	462600	20.00	ng		-0.02
75) Chrysene-d12	14.73	240	351197	20.00	ng		-0.03
86) Perylene-d12	16.80	264	333009	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1380292	142.08	ng		0.00
7) Phenol-d6	6.21	99	1914338	143.96	ng		-0.01
23) Nitrobenzene-d5	7.12	82	1348202	103.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	352304	124.89	ng		-0.02
44) 2-Fluorobiphenyl	8.91	172	1820856	92.34	ng		-0.01
78) Terphenyl-d14	13.21	244	1552307	105.41	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.32	77	37383	3.84	ng		81
19) n-Nitroso-di-n-propylamine	7.12	70	189824	19.97	ng	#	78
31) Naphthalene	7.85	128	80767	2.61	ng		96
49) Dimethylphthalate	9.31	163	186846	8.18	ng		97
51) Acenaphthene	9.61	154	40167	2.28	ng		99
56) 2,4-Dinitrotoluene	9.57	165	36738	5.94	ng	#	7
66) 4-Bromophenyl-phenylether	10.36	248	23363	4.62	ng	#	1
70) Phenanthrene	11.14	178	209640	7.66	ng		98
74) Fluoranthene	12.64	202	310145	10.93	ng		96
77) Pyrene	12.95	202	367458	14.98	ng		98
80) Benzo(a)anthracene	14.72	228	145862	6.78	ng		95
82) Chrysene	14.76	228	125453	6.03	ng		99
85) Indeno(1,2,3-cd)pyrene	18.17	276	66615	4.40	ng		95
87) Benzo(b)fluoranthene	16.28	252	222188	10.40	ng		98
88) Benzo(k)fluoranthene	16.28	252	222188	11.01	ng	#	97
89) Benzo(a)pyrene	16.72	252	117971	6.43	ng	#	98
91) Benzo(g,h,i)perylene	18.55	276	66155	4.21	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083443.D
Acq On : 3 Dec 2015 4:51
Operator : UM/IZ
Sample : G4583-04
Misc :
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Instrument :
BNA_F
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SB-P3WC-04(0-6)

Quant Time: Dec 03 06:49:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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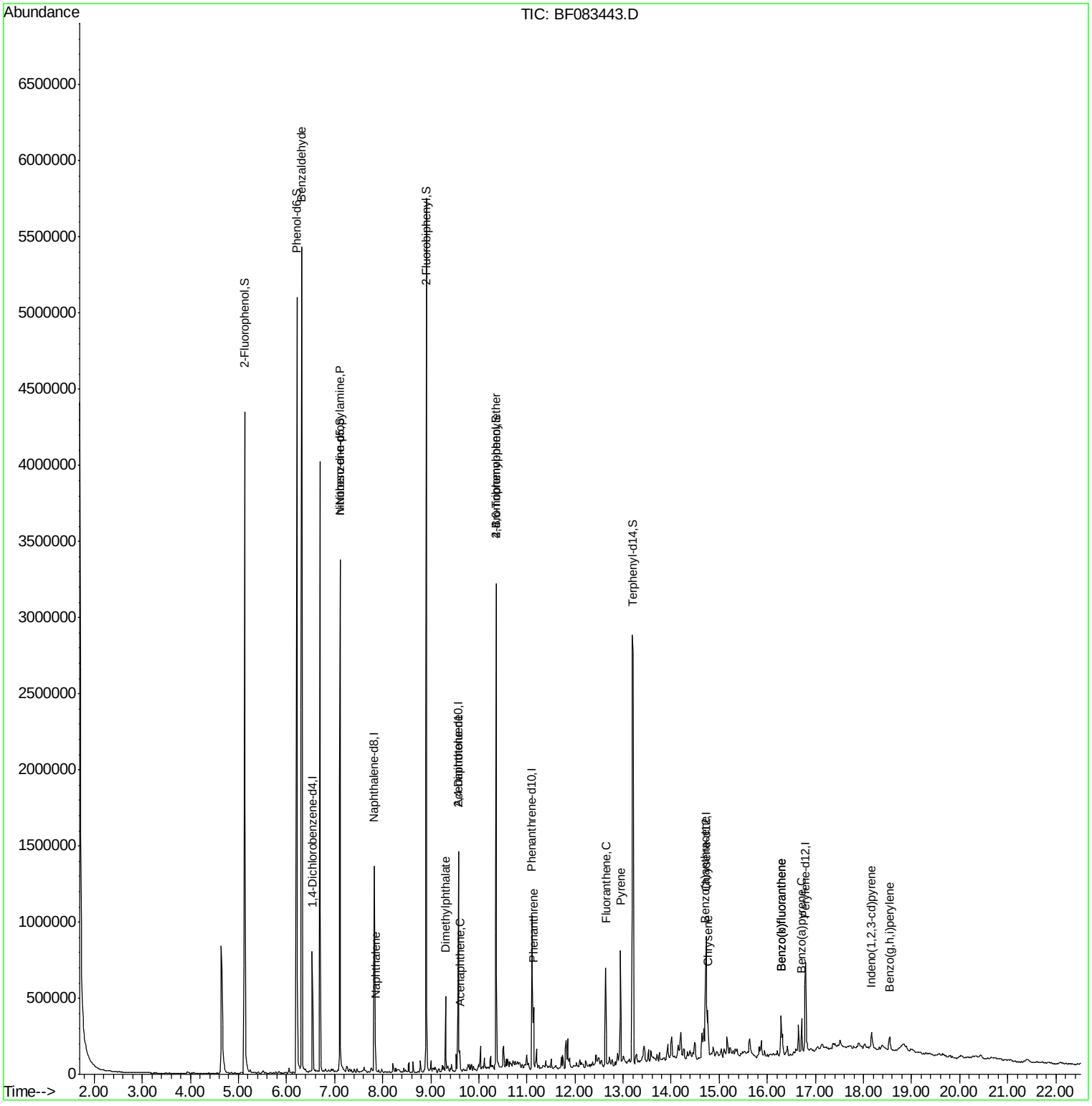
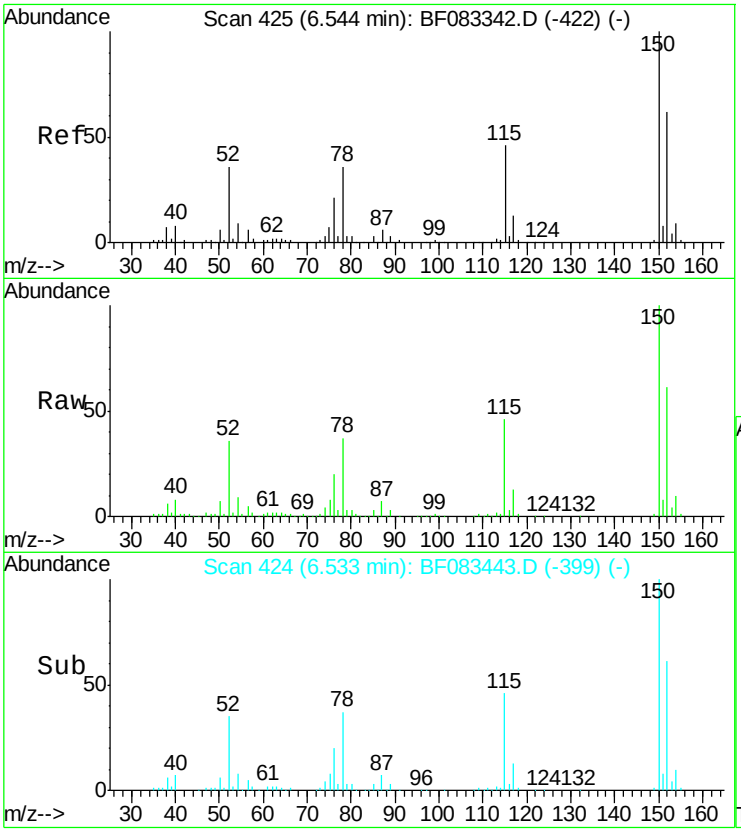


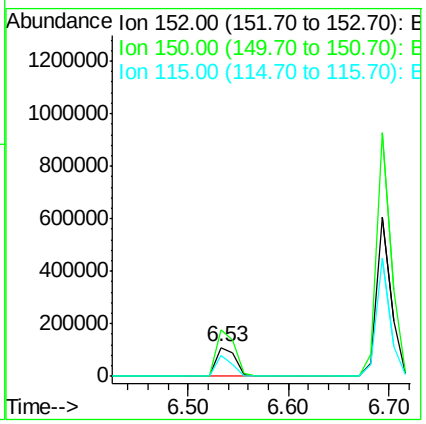


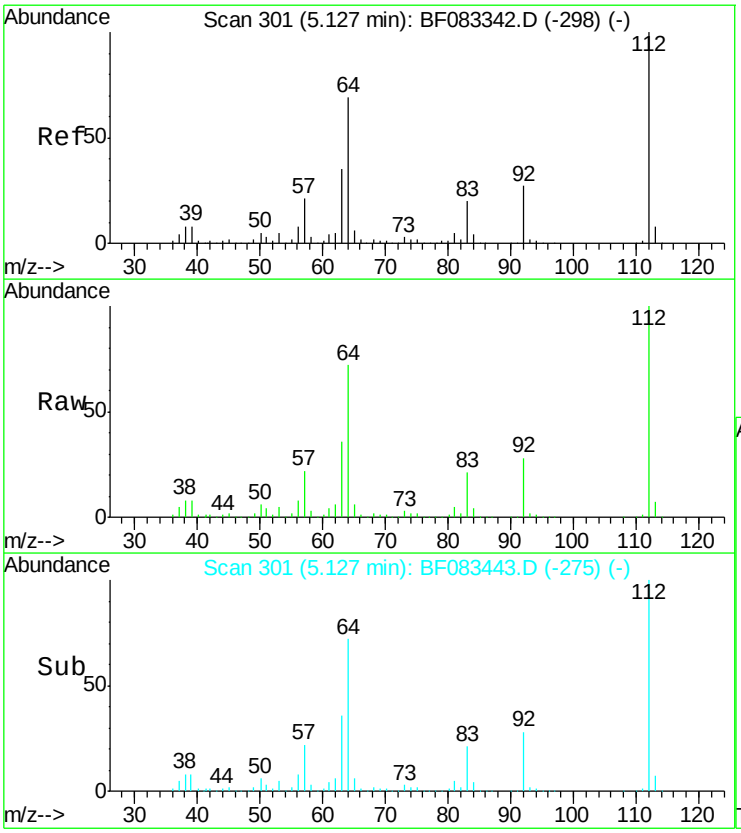
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion:152 Resp: 145781

Ion	Ratio	Lower	Upper
152	100		
150	163.6	129.8	194.8
115	74.7	59.2	88.8

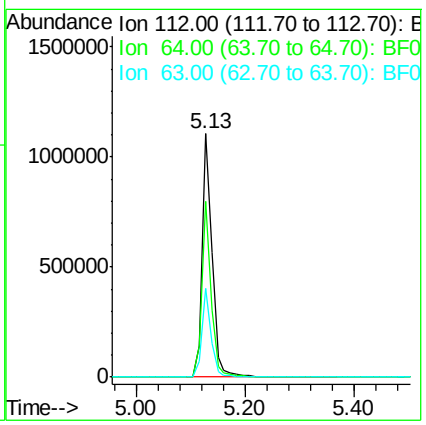


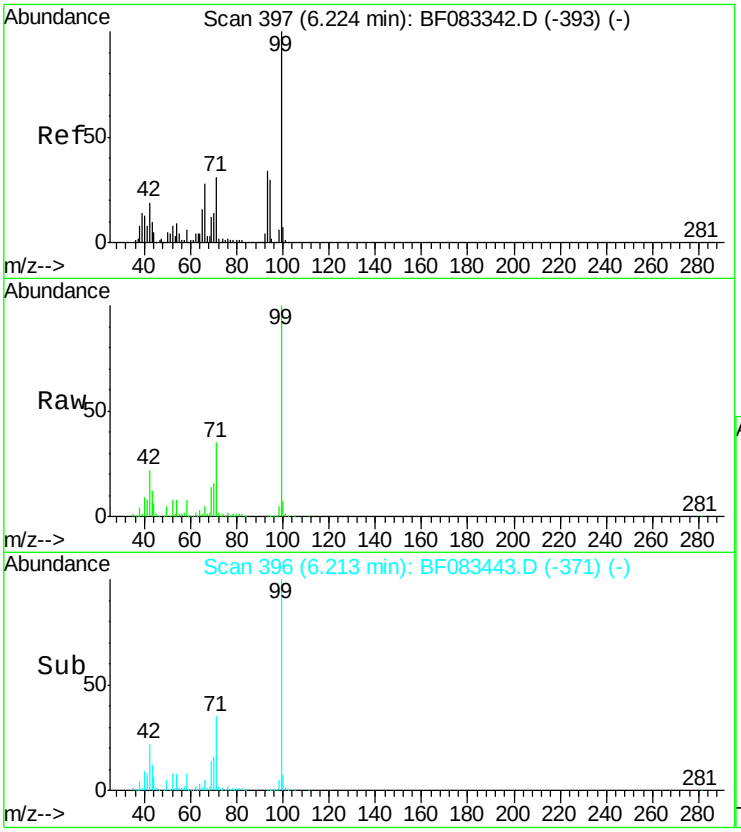


#5
2-Fluorophenol
Concen: 142.08 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:112 Resp: 1380292

Ion	Ratio	Lower	Upper
112	100		
64	72.1	55.6	83.4
63	36.4	28.2	42.2



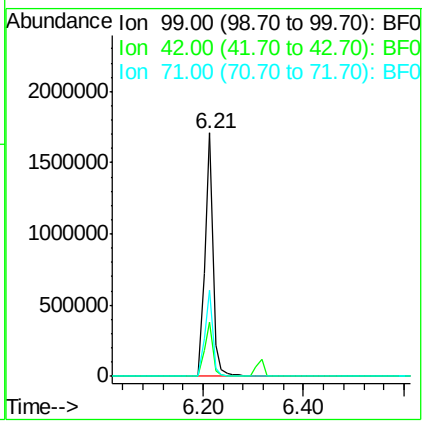


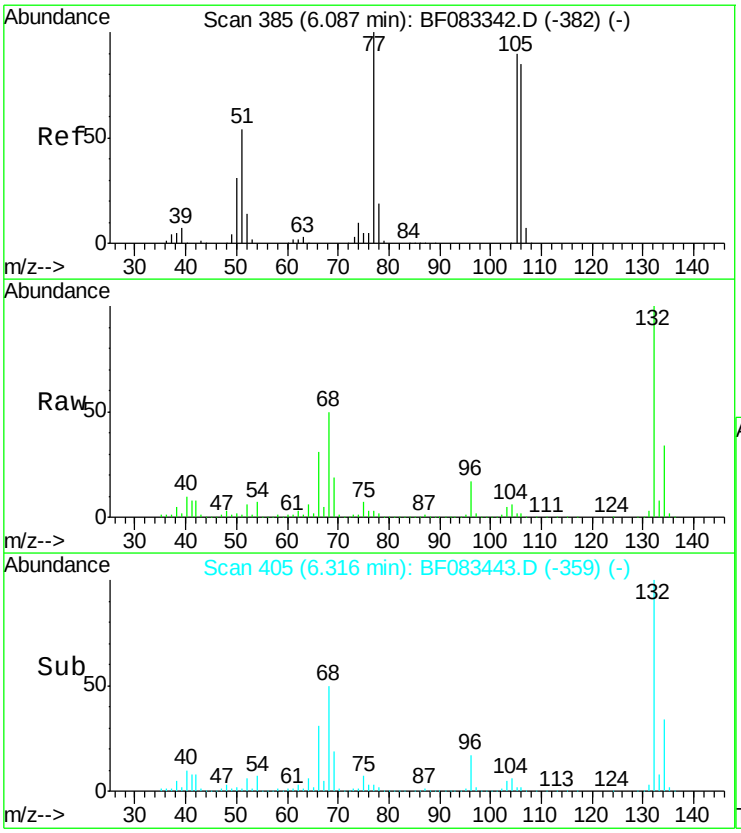
#7
Phenol-d6
Concen: 143.96 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion: 99 Resp: 1914338

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.9	22.3
71	35.2	24.7	37.1

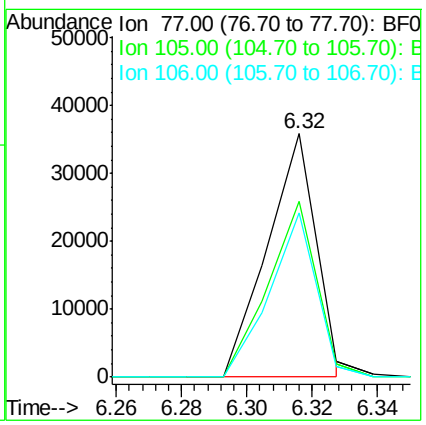


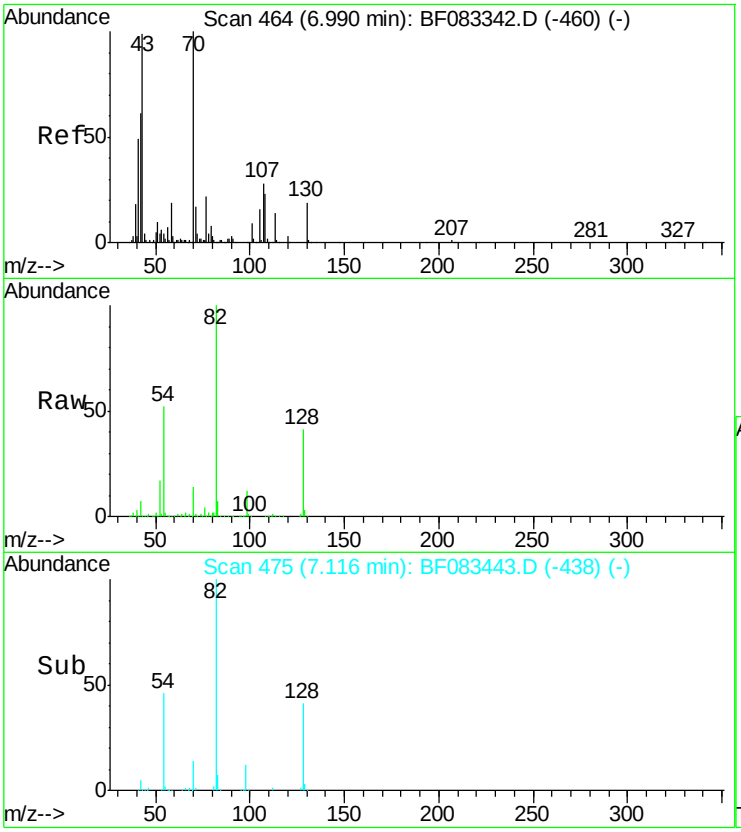


#9
Benzaldehyde
Concen: 3.84 ng
RT: 6.32 min Scan# 405
Delta R.T. 0.23 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion: 77 Resp: 37383

Ion	Ratio	Lower	Upper
77	100		
105	72.3	70.0	110.0
106	67.4	65.0	105.0



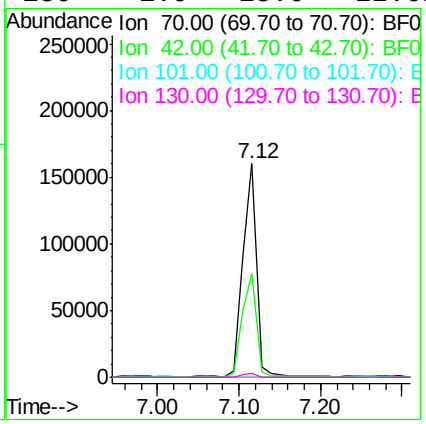


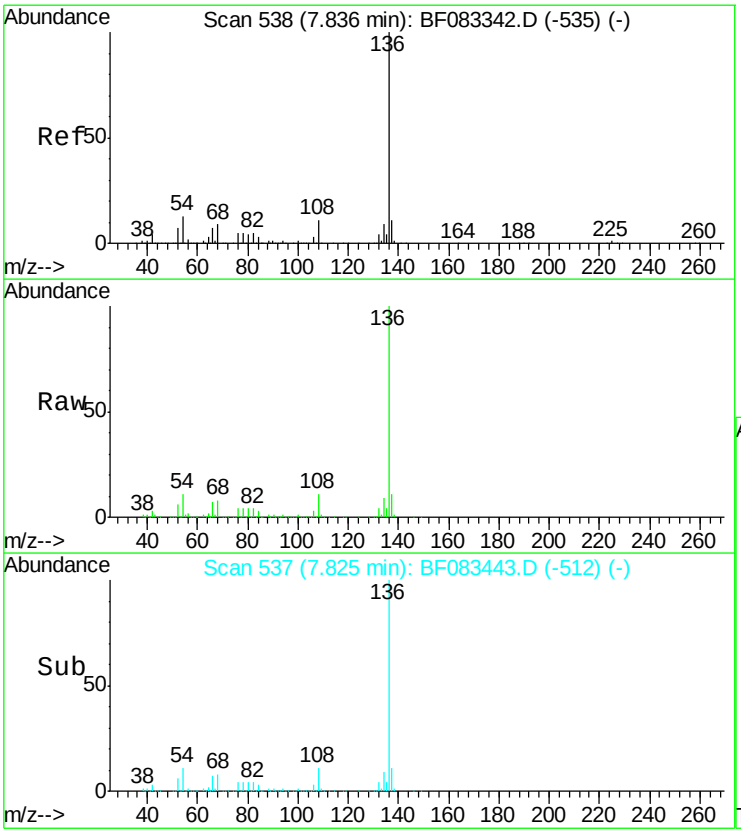
#19
n-Nitroso-di-n-propylamine
Concen: 19.97 ng
RT: 7.12 min Scan# 475
Delta R.T. 0.13 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion: 70 Resp: 189824

Ion	Ratio	Lower	Upper
70	100		
42	48.7	48.8	73.2#
101	0.0	7.1	10.7#
130	1.9	15.0	22.6#

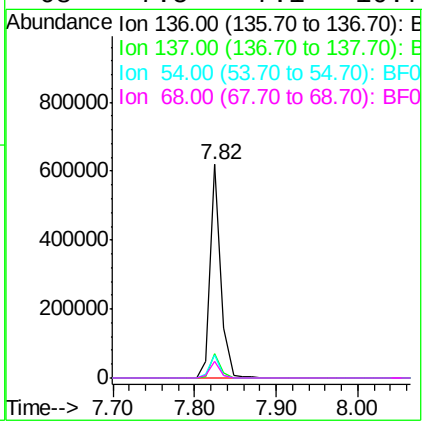


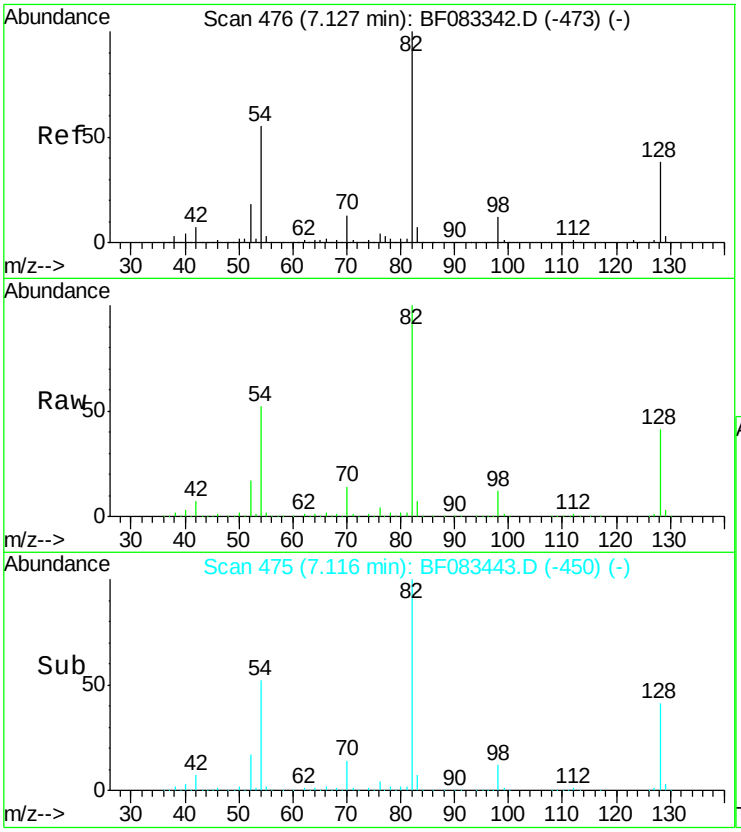


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:136 Resp: 571210

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	11.0	10.1	15.1
68	7.5	7.1	10.7



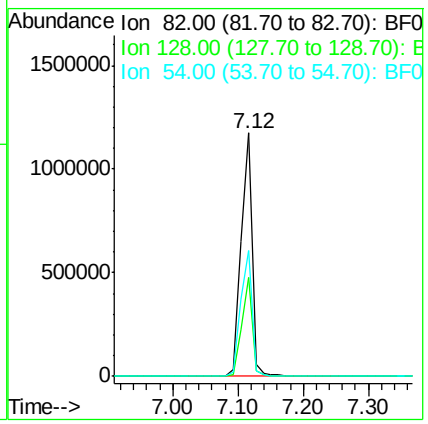


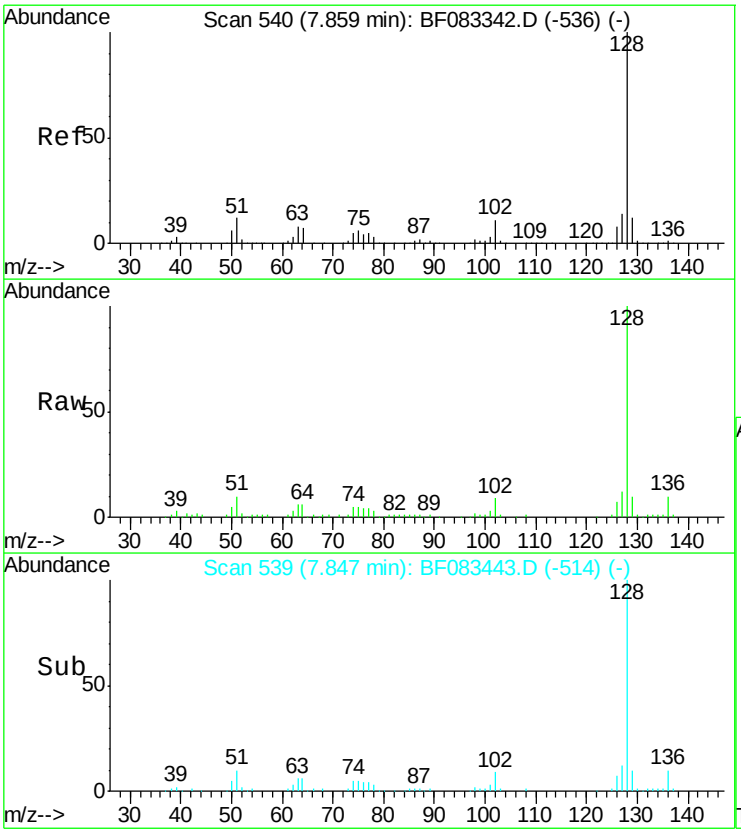
#23
Nitrobenzene-d5
Concen: 103.75 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion: 82 Resp: 1348202

Ion	Ratio	Lower	Upper
82	100		
128	40.9	30.6	46.0
54	51.9	43.8	65.6

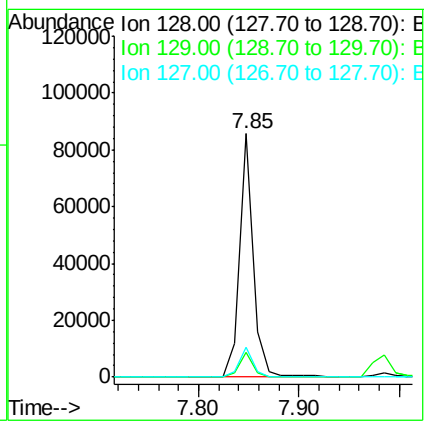


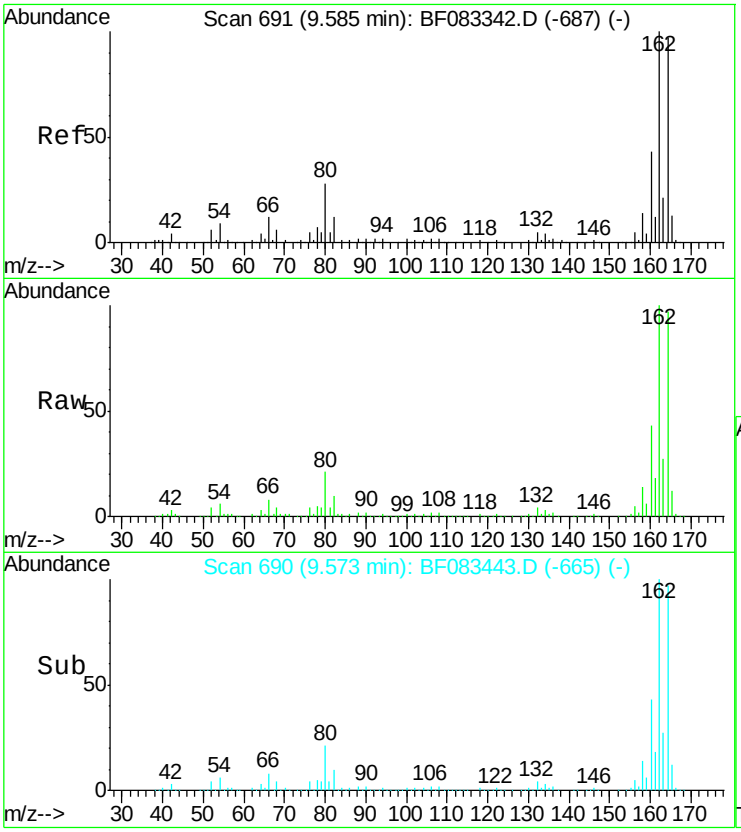


#31
Naphthalene
Concen: 2.61 ng
RT: 7.85 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:128 Resp: 80767

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.7	14.5
127	12.2	11.0	16.4



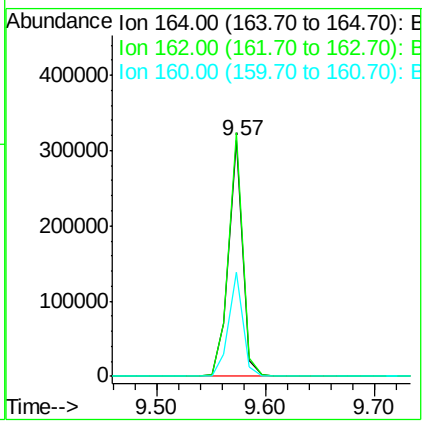


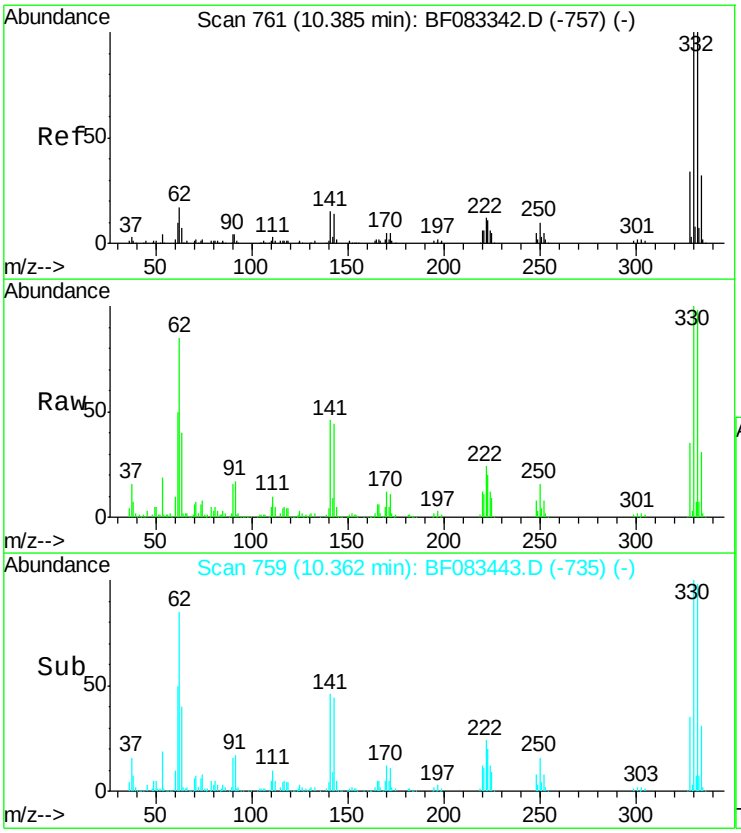
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion:164 Resp: 281004

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	44.0	35.3	52.9

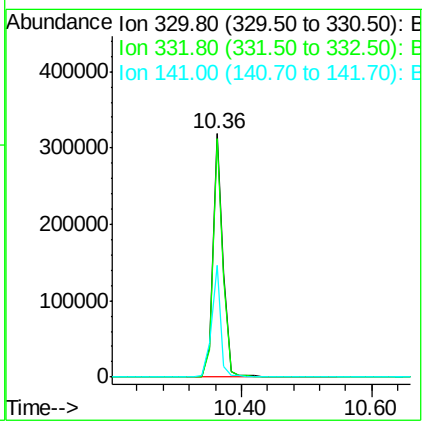


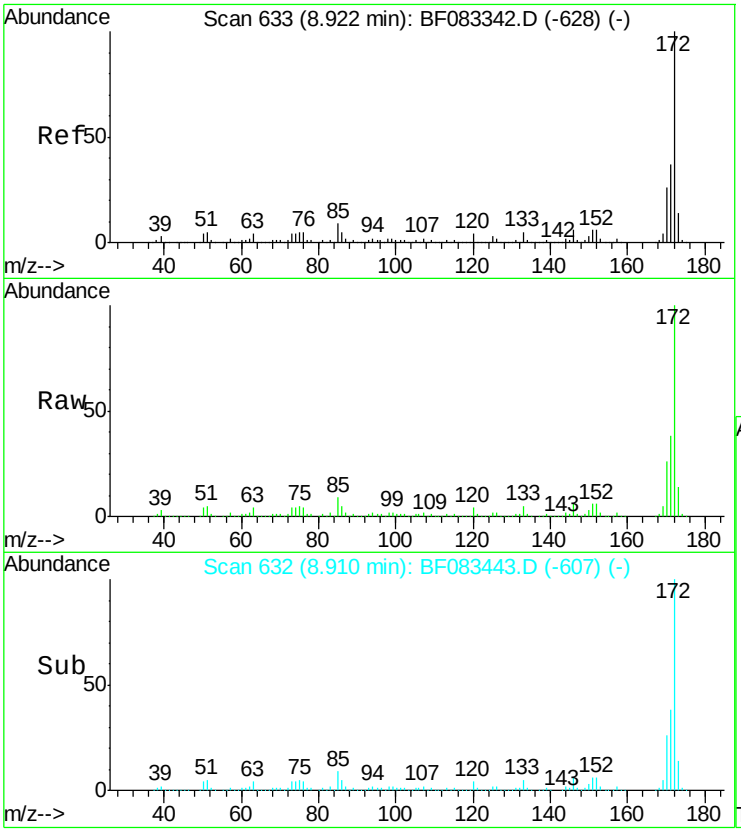


#41
2,4,6-Tribromophenol
Concen: 124.89 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:330 Resp: 352304

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.6
141	40.8	29.4	44.0



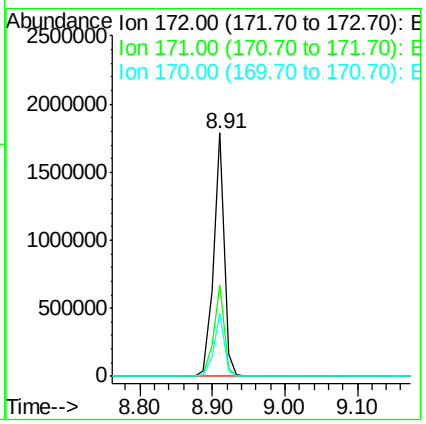


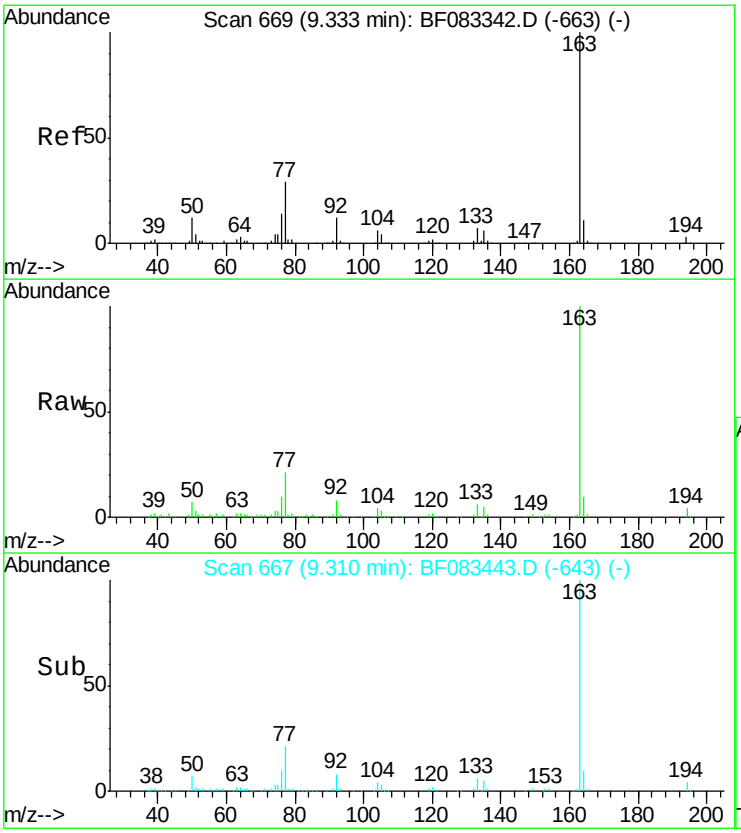
#44
2-Fluorobiphenyl
Concen: 92.34 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion:172 Resp: 1820856

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.0
170	25.7	20.4	30.6

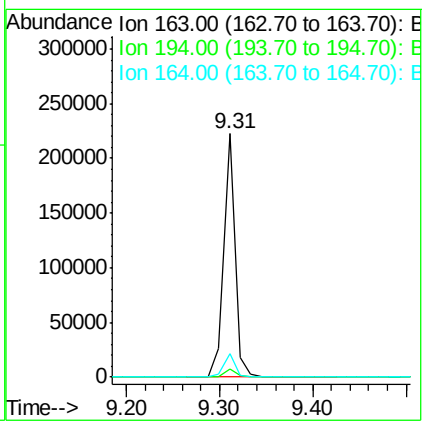


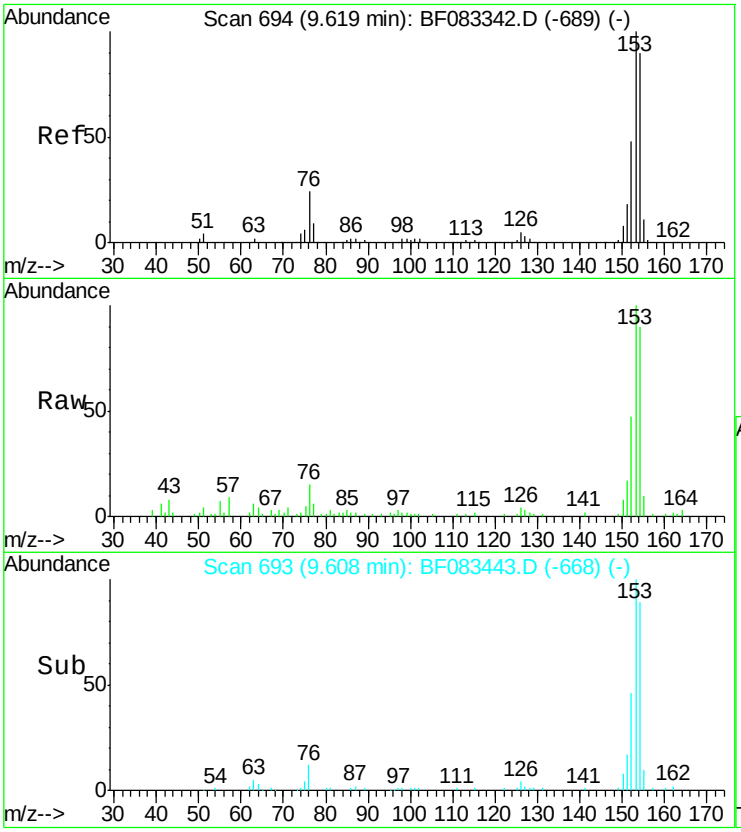


#49
Dimethylphthalate
Concen: 8.18 ng
RT: 9.31 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:163 Resp: 186846

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.5	8.8	13.2



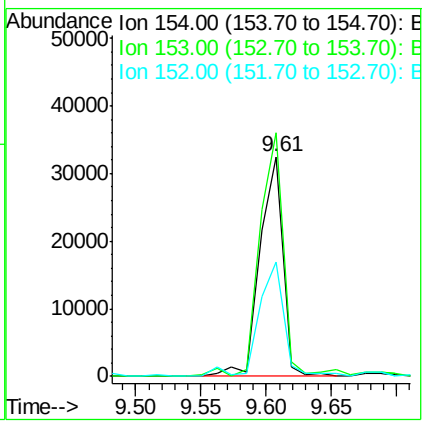


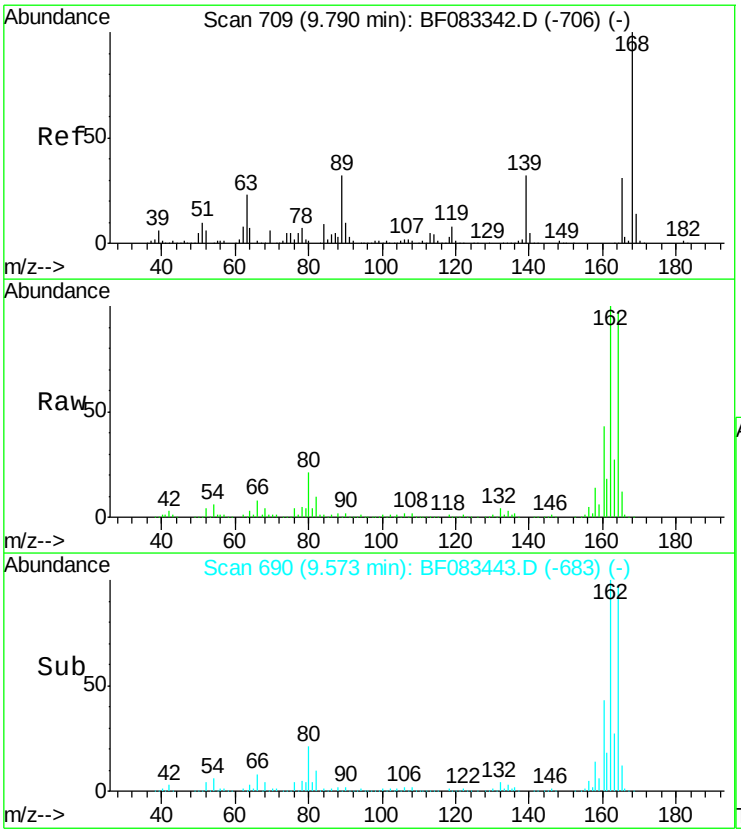
#51
Acenaphthene
Concen: 2.28 ng
RT: 9.61 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion:154 Resp: 40167

Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.3	133.9
152	52.4	42.5	63.7

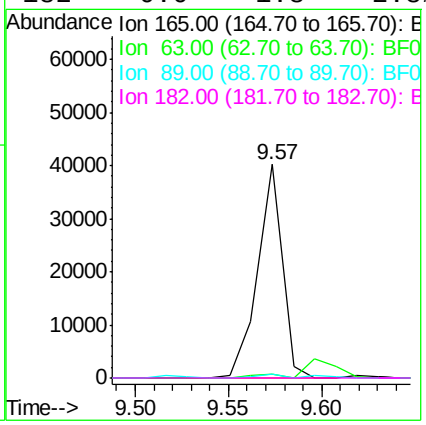


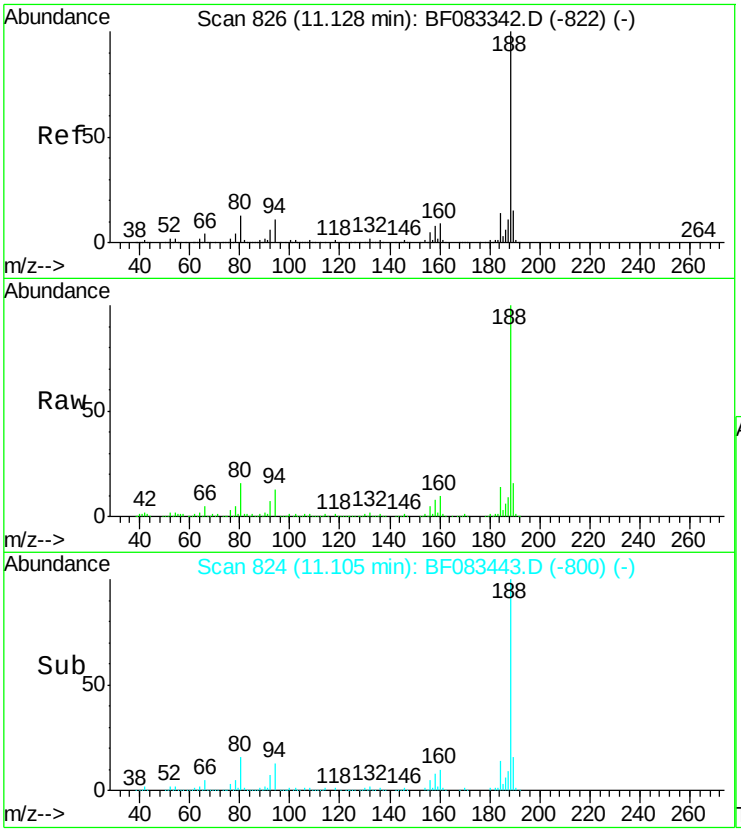


#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.22 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:165 Resp: 36738

Ion	Ratio	Lower	Upper
165	100		
63	2.0	65.4	98.0#
89	2.1	81.2	121.8#
182	0.0	1.8	2.8#



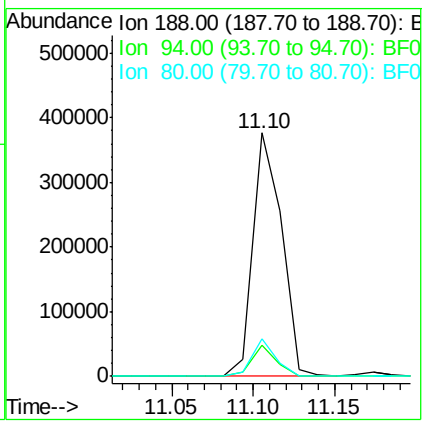


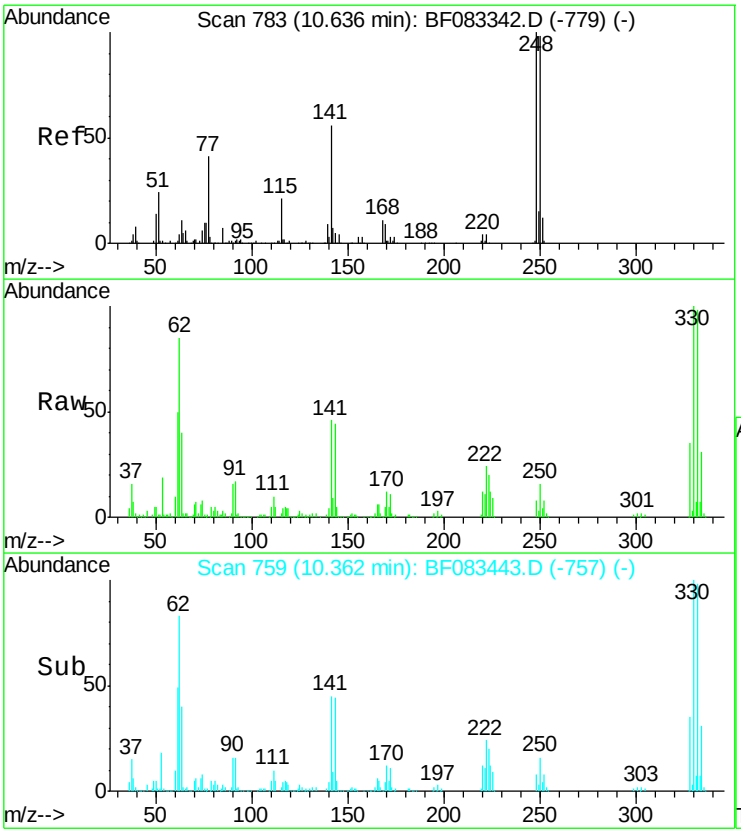
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion:188 Resp: 462600

Ion	Ratio	Lower	Upper
188	100		
94	12.9	8.7	13.1
80	15.5	10.3	15.5#

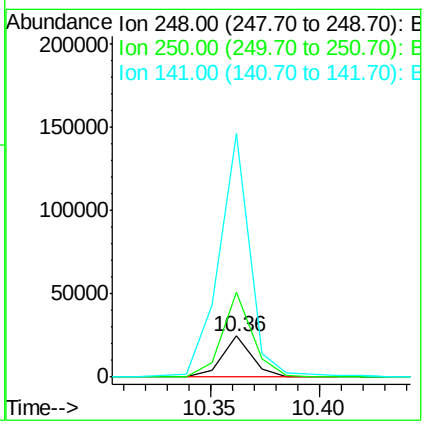


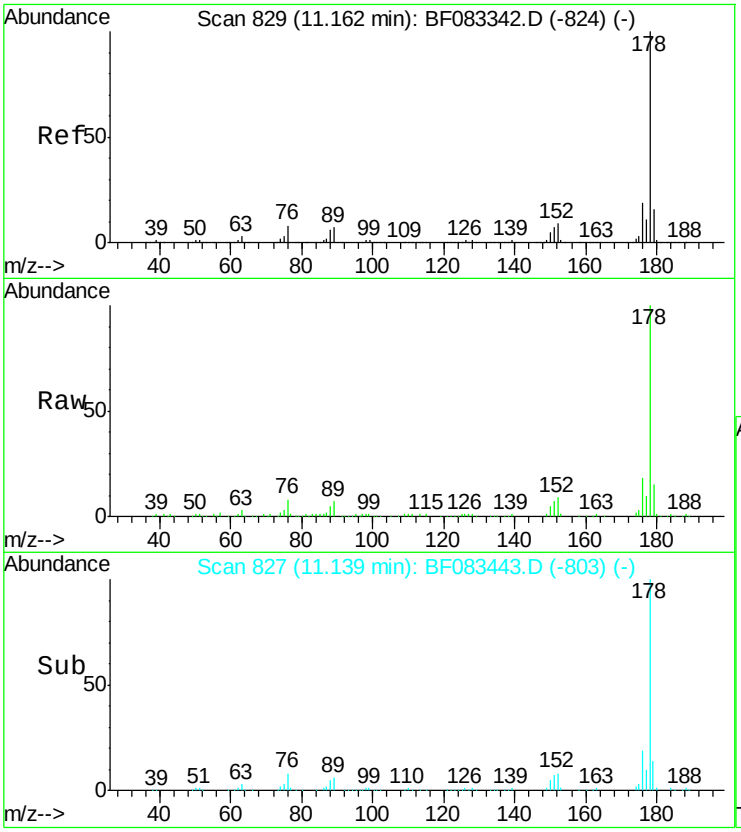


#66
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.27 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:248 Resp: 23363

Ion	Ratio	Lower	Upper
248	100		
250	207.6	78.6	118.0#
141	596.3	44.4	66.6#



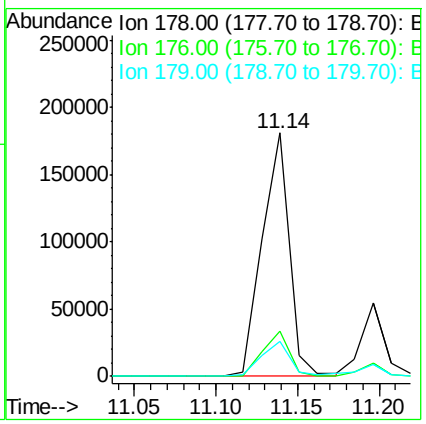


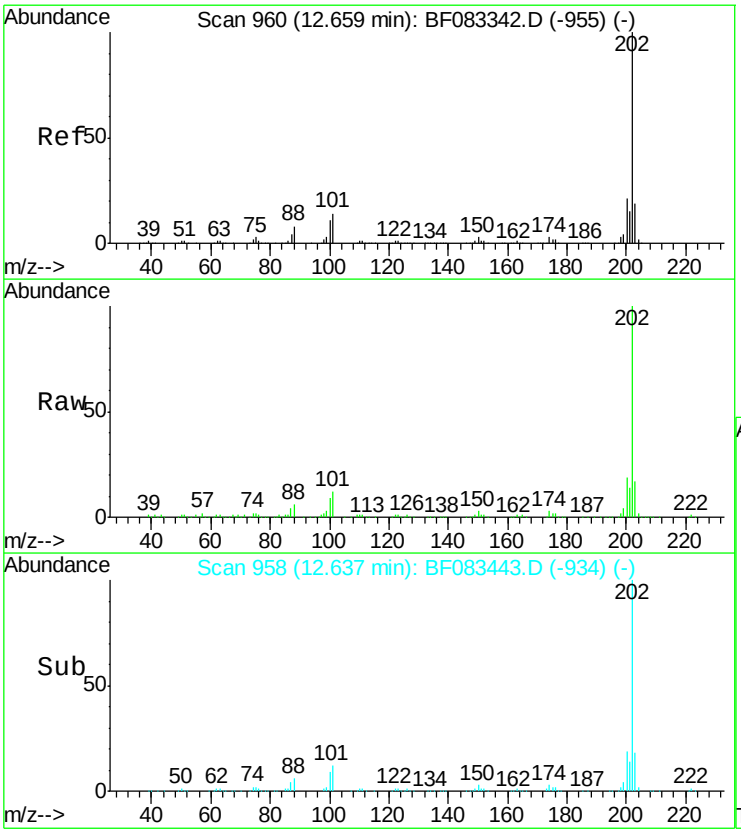
#70
Phenanthrene
Concen: 7.66 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion:178 Resp: 209640

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	14.5	12.4	18.6

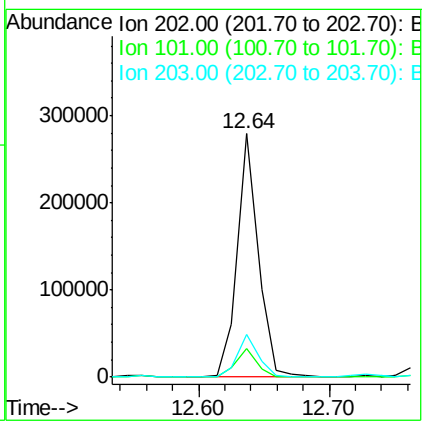


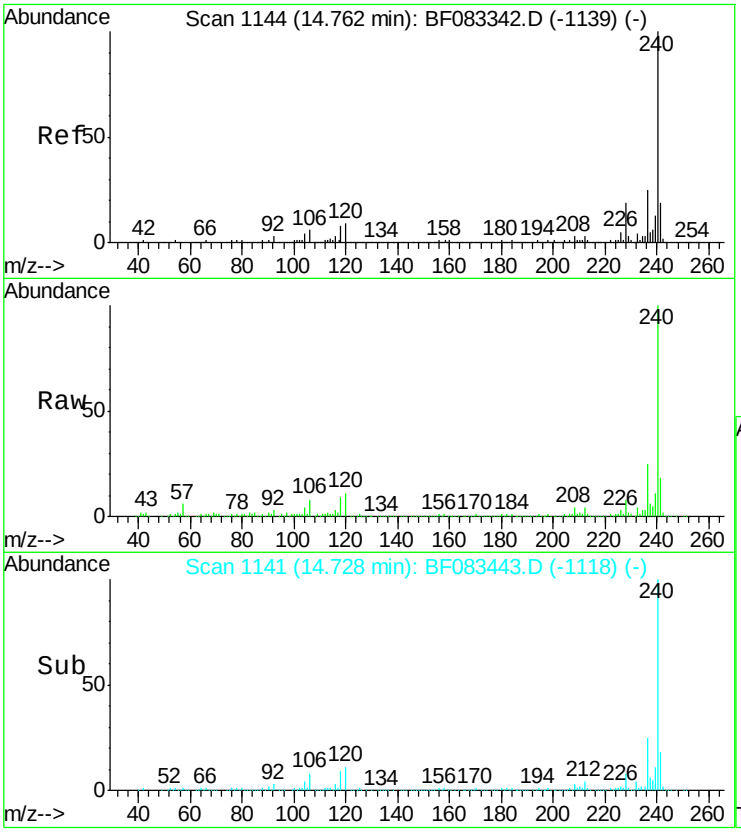


#74
Fluoranthene
Concen: 10.93 ng
RT: 12.64 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:202 Resp: 310145

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.5
203	17.5	0.0	38.7



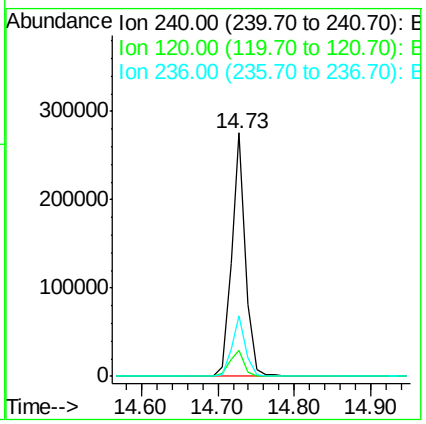


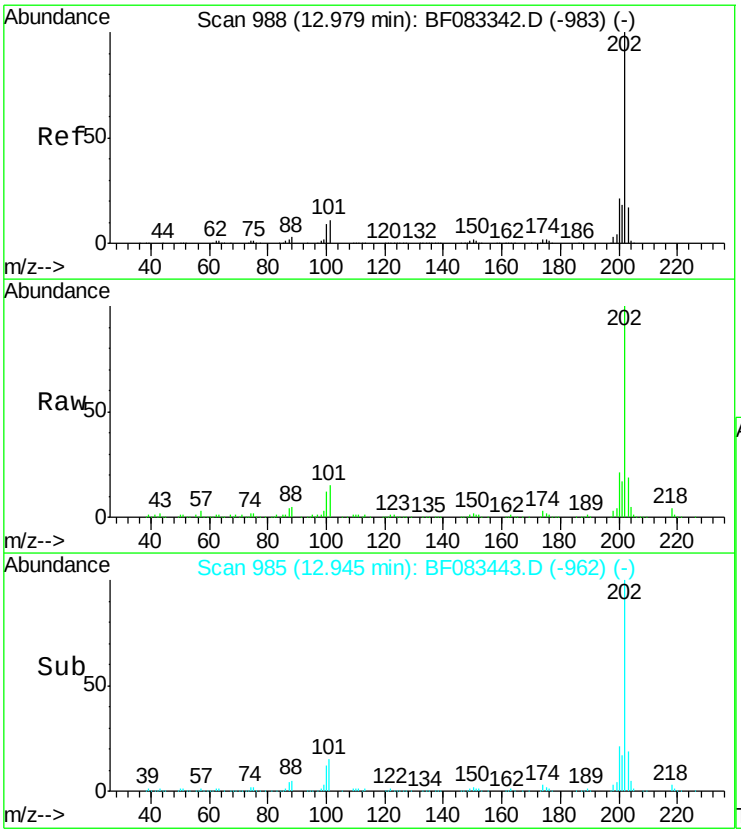
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.03 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion:240 Resp: 351197

Ion	Ratio	Lower	Upper
240	100		
120	10.8	6.9	10.3#
236	24.7	19.8	29.6

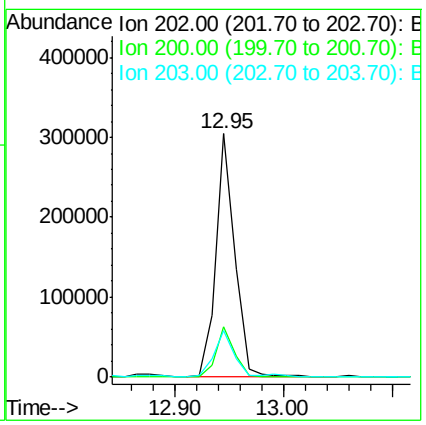


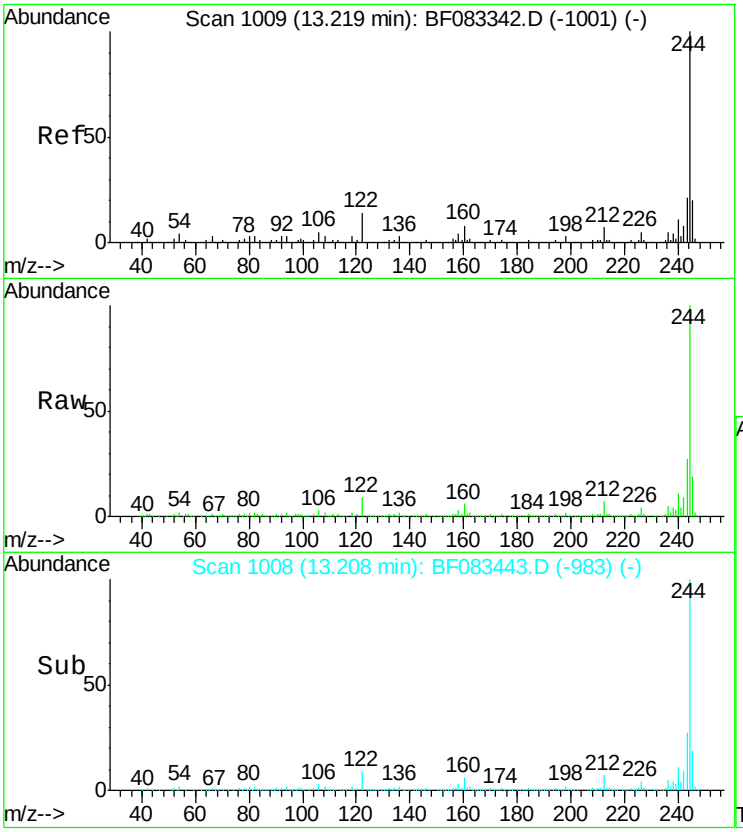


#77
Pyrene
Concen: 14.98 ng
RT: 12.95 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:202 Resp: 367458

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	19.1	13.9	20.9



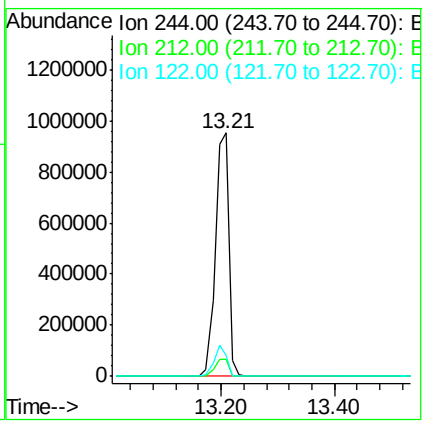


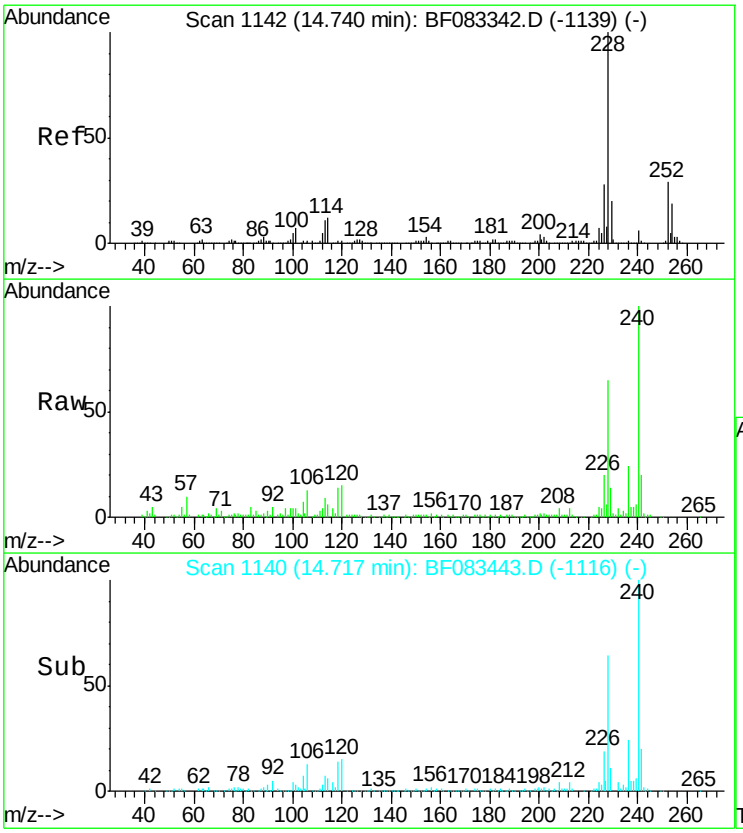
#78
Terphenyl-d14
Concen: 105.41 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion:244 Resp: 1552307

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	8.8	11.0	16.4#

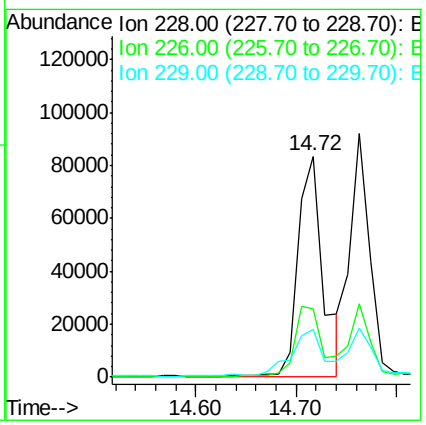


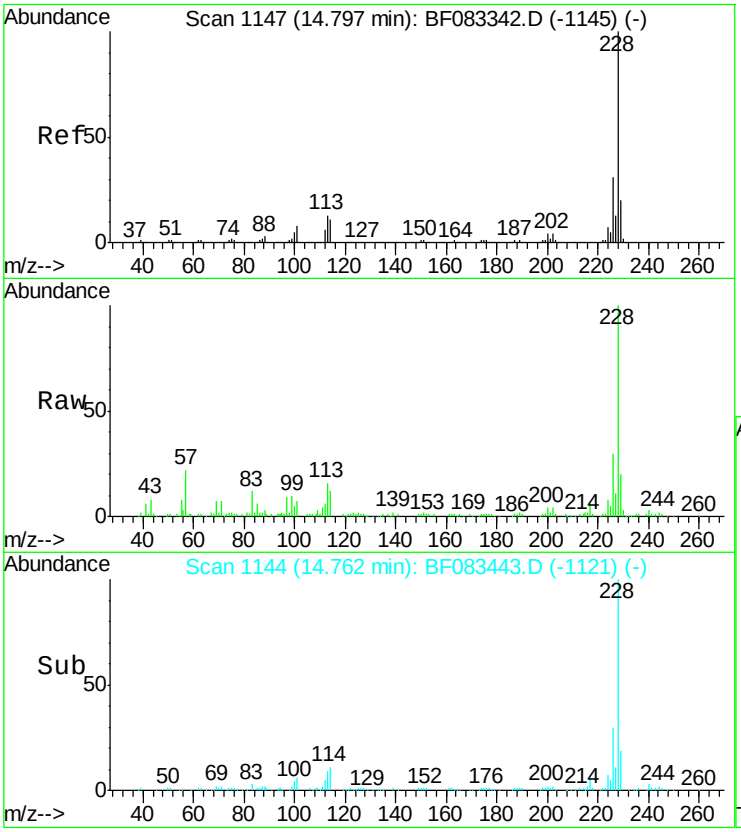


#80
Benzo(a)anthracene
Concen: 6.78 ng
RT: 14.72 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:228 Resp: 145862

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.2	33.4
229	21.9	16.1	24.1



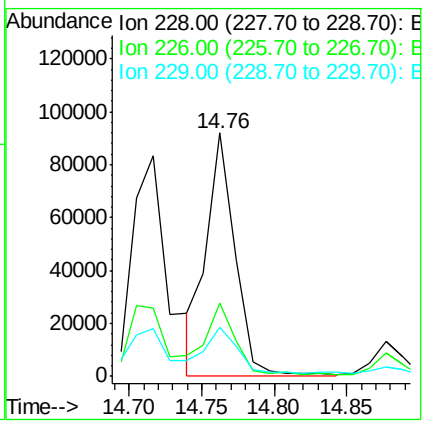


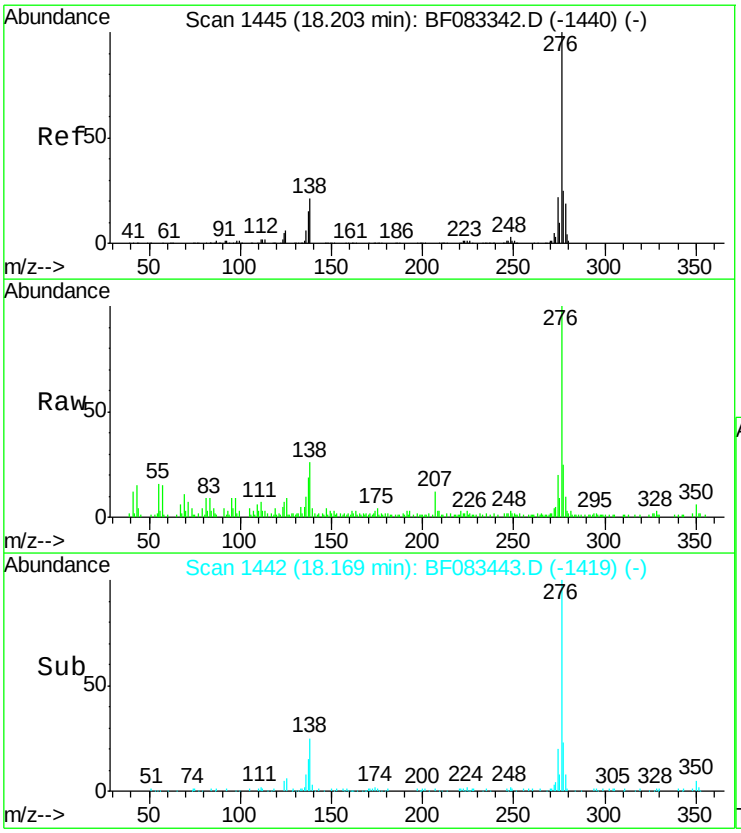
#82
Chrysene
Concen: 6.03 ng
RT: 14.76 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion:228 Resp: 125453

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	20.4	16.2	24.2

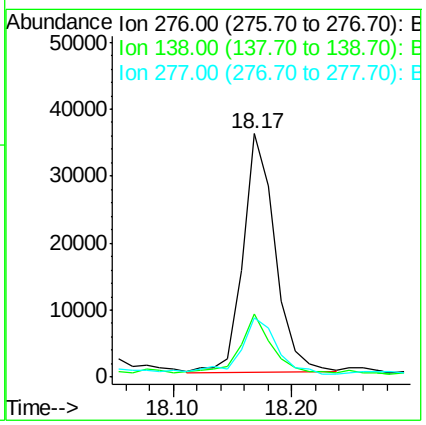


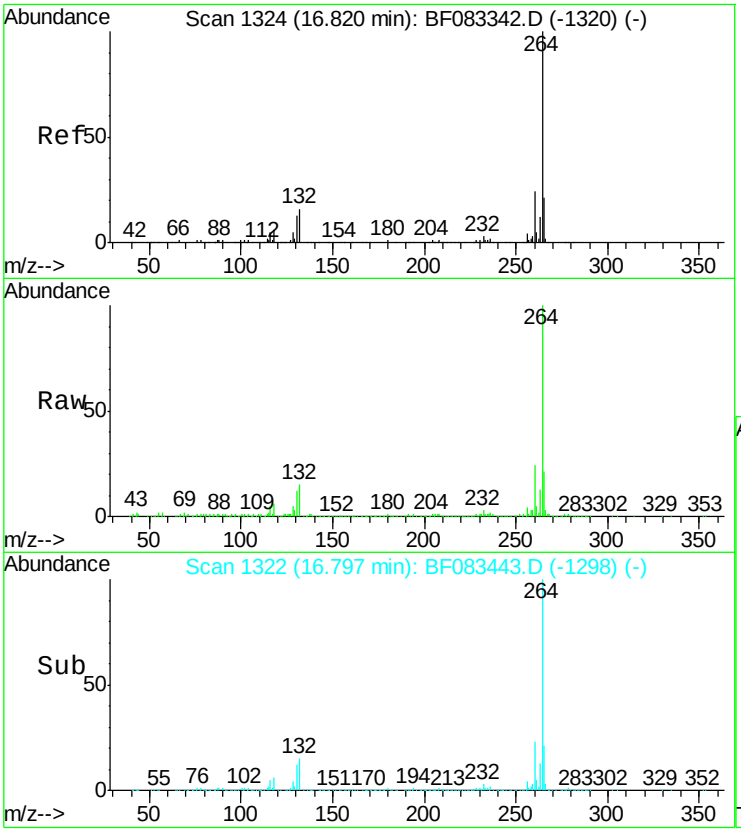


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.40 ng
RT: 18.17 min Scan# 1442
Delta R.T. -0.03 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:276 Resp: 66615

Ion	Ratio	Lower	Upper
276	100		
138	23.9	21.2	31.8
277	27.0	20.0	30.0



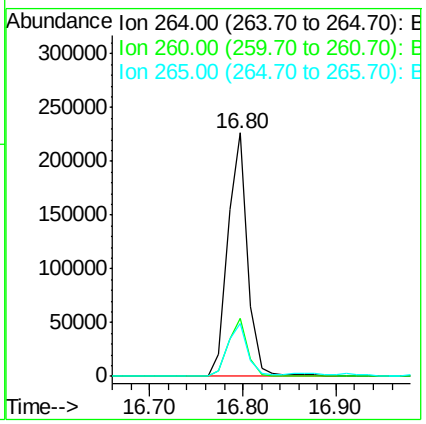


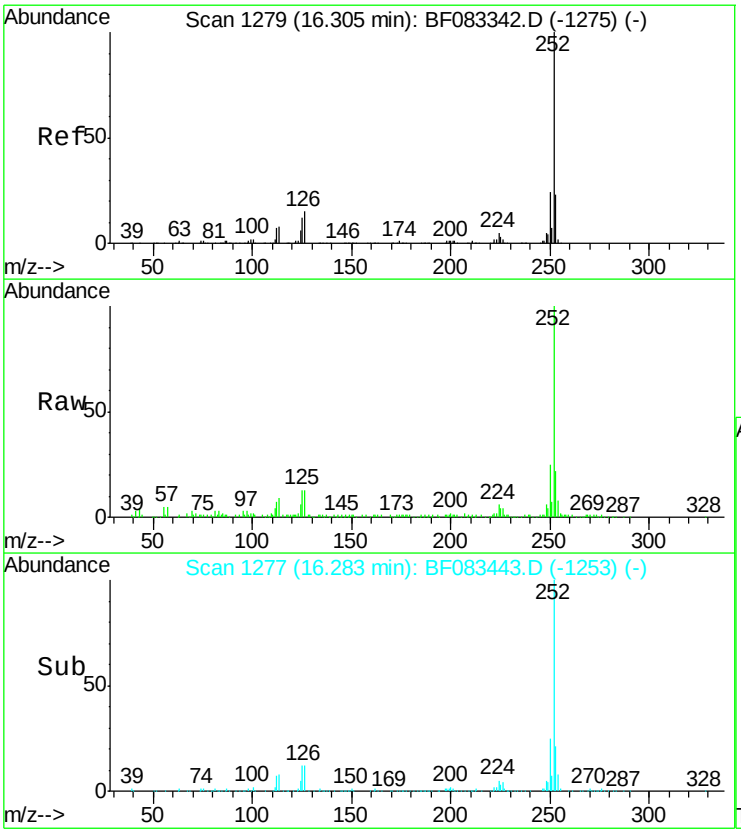
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion:264 Resp: 333009

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.5	16.8	25.2

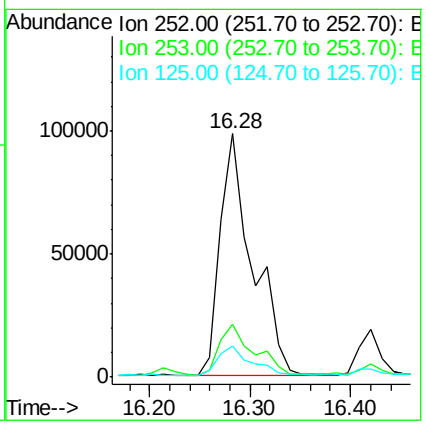


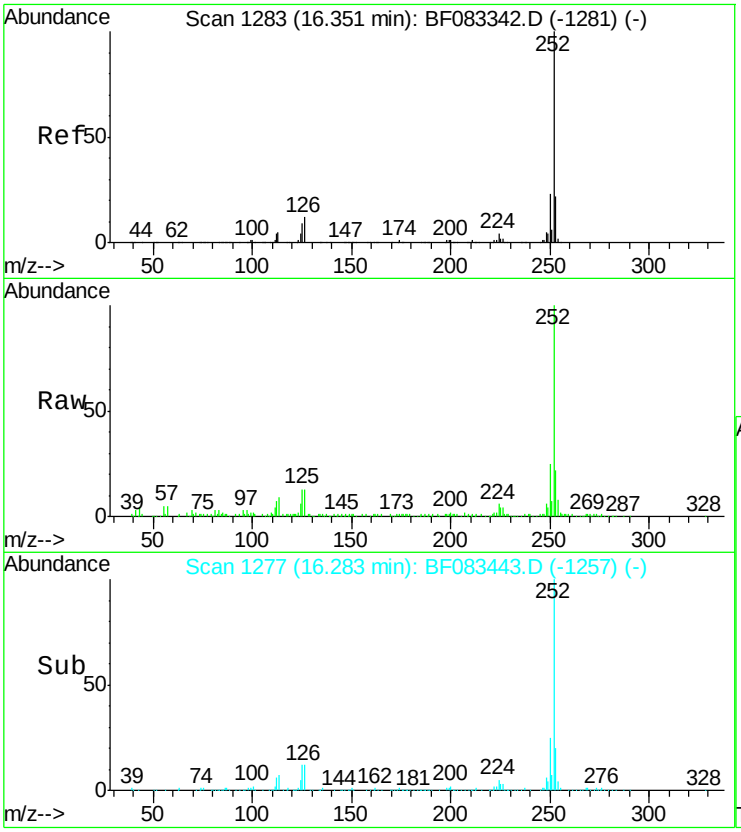


#87
Benzo(b)fluoranthene
Concen: 10.40 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:252 Resp: 222188

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	12.6	9.6	14.4



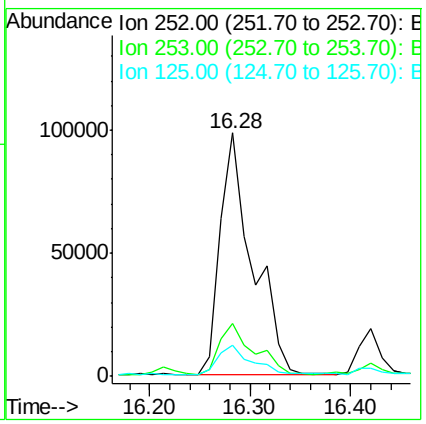


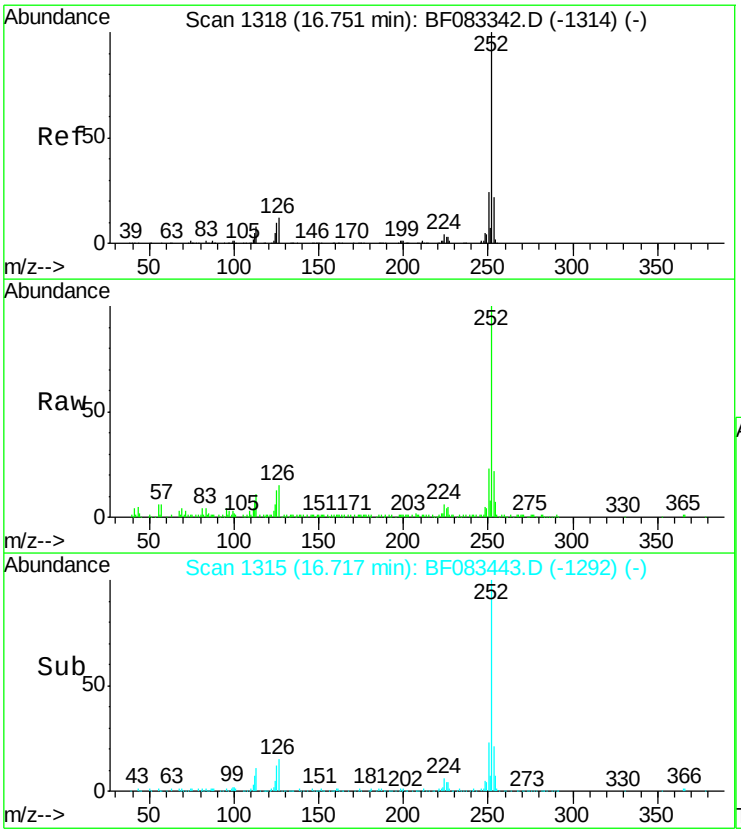
#88
Benzo(k)fluoranthene
Concen: 11.01 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.07 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion:252 Resp: 222188

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	12.6	7.5	11.3#

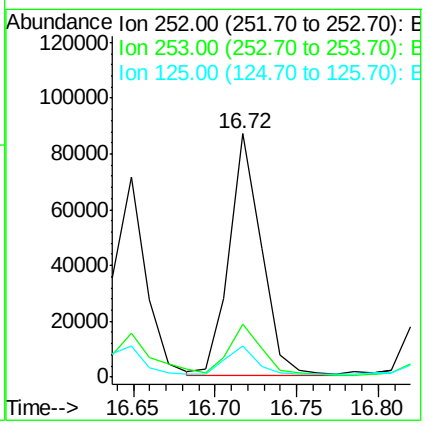


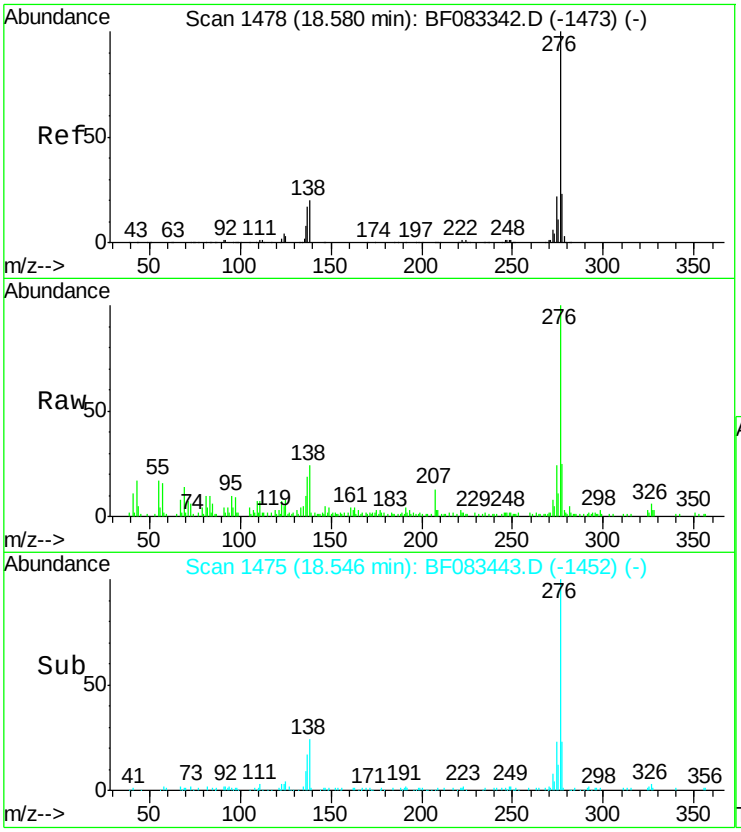


#89
Benzo(a)pyrene
Concen: 6.43 ng
RT: 16.72 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Tgt Ion:252 Resp: 117971

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	12.6	7.8	11.8#





#91
Benzo(g,h,i)perylene
Concen: 4.21 ng
RT: 18.55 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BF083443.D
Acq: 3 Dec 2015 4:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(0-6)

Tgt Ion:276 Resp: 66155

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	24.3	16.1	24.1#