Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083418.D
Acq On : 2 Dec 2015 15:11
Operator : UM/IZ
Sample : G4582-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-09(8-14)

Quant Time: Dec 03 02:43:44 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	6.69	152	580535	20.00	ng		0.15
21) Naphthalene-d8	7.82	136	587326	20.00	ng		-0.01
38) Acenaphthene-d10	9.57	164	306368	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	547750	20.00	ng		-0.02
75) Chrysene-d12	14.73	240	490003	20.00	ng		-0.03
86) Perylene-d12	16.79	264	355068	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1519574	39.28	ng		0.01
7) Phenol-d6	6.21	99	1822513	34.42	ng		-0.01
23) Nitrobenzene-d5	7.12	82	1339398	100.25	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	382741	124.45	ng		-0.02
44) 2-Fluorobiphenyl	8.91	172	1740126	80.94	ng		-0.01
78) Terphenyl-d14	13.21	244	1625563	79.12	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.21	77	4292	Below Cal		#	52
19) n-Nitroso-di-n-propylamine	7.12	70	183377	4.84	ng	#	79
31) Naphthalene	7.85	128	2719071	85.33	ng		99
33) 4-Chloroaniline	7.85	127	379372	27.62	ng	#	33
37) 2-Methylnaphthalene	8.54	142	78984	3.71	ng		98
48) Acenaphthylene	9.44	152	71876	2.20	ng		97
49) Dimethylphthalate	9.31	163	437940	17.59	ng		99
51) Acenaphthene	9.61	154	41926	2.18	ng		94
56) 2,4-Dinitrotoluene	9.57	165	39240	5.82	ng	#	6
66) 4-Bromophenyl-phenylether	10.36	248	25691	4.29	ng	#	1
70) Phenanthrene	11.14	178	240983	7.43	ng		97
74) Fluoranthene	12.64	202	105883	3.15	ng		96
77) Pyrene	12.95	202	146864	4.29	ng		98

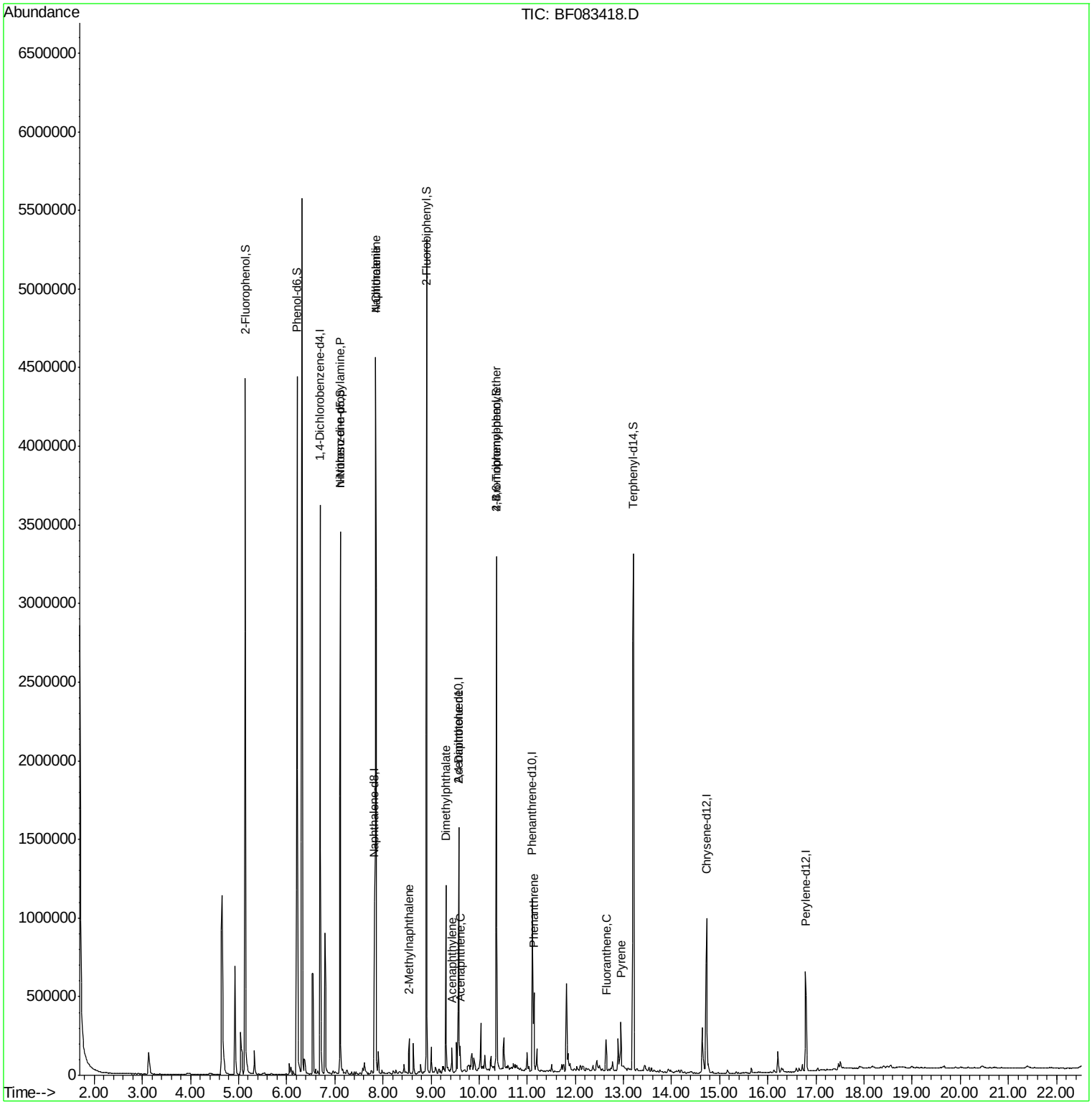
(#) = qualifier out of range (m) = manual integration (+) = signals summed

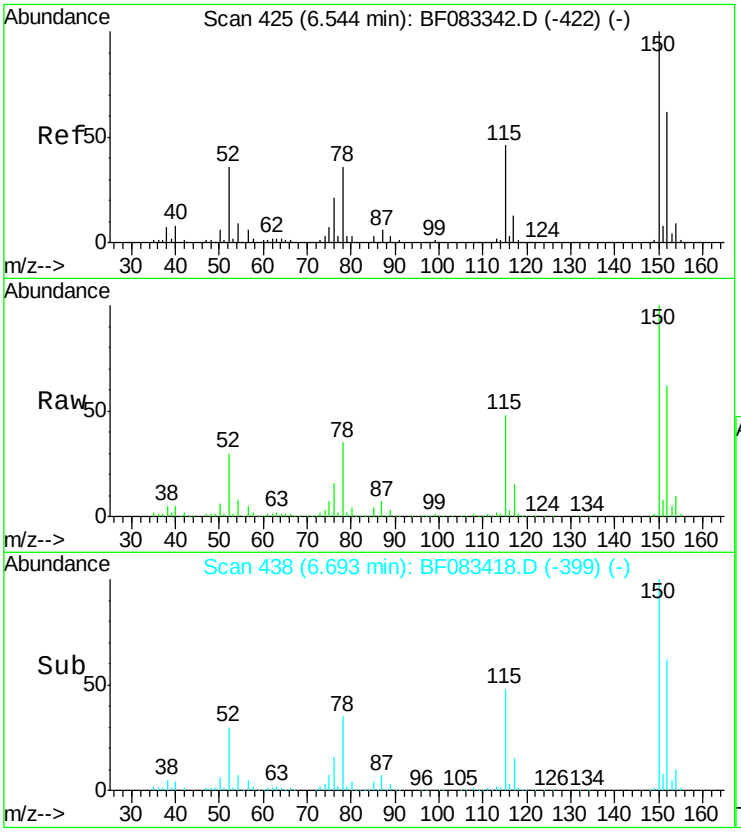
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083418.D
Acq On : 2 Dec 2015 15:11
Operator : UM/IZ
Sample : G4582-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Quant Time: Dec 03 02:43:44 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



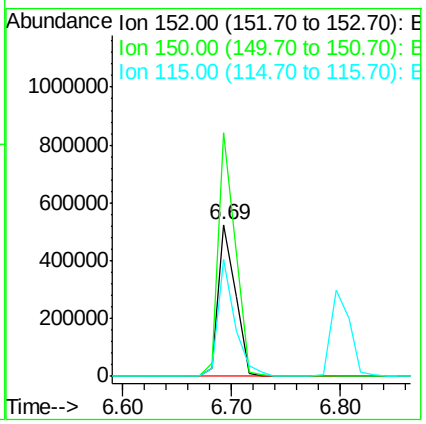


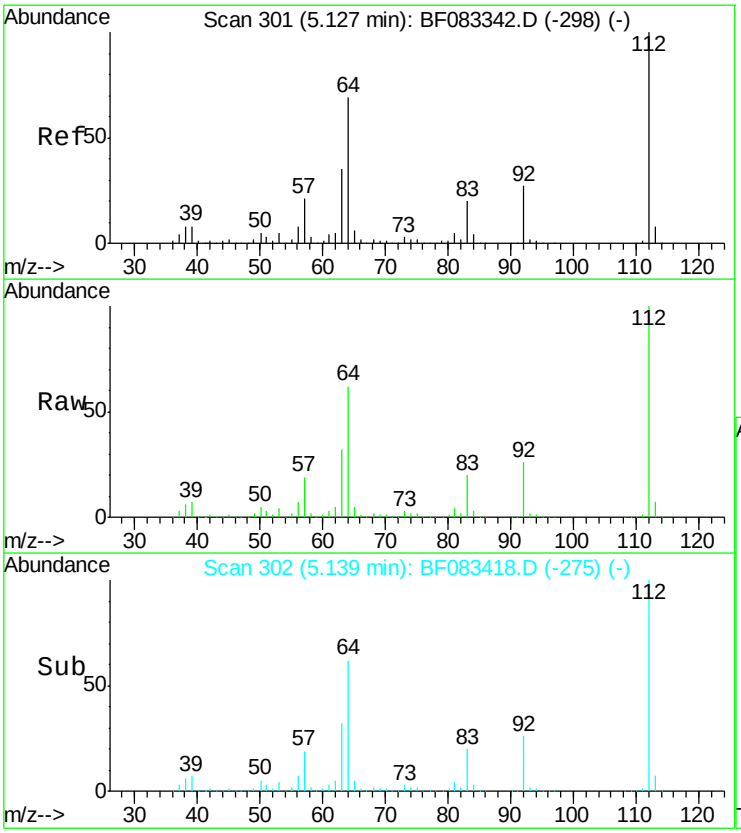
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 438
Delta R.T. 0.15 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tgt Ion:152 Resp: 580535

Ion	Ratio	Lower	Upper
152	100		
150	160.2	129.8	194.8
115	76.7	59.2	88.8

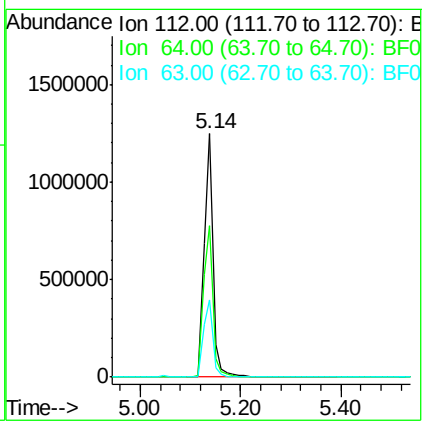


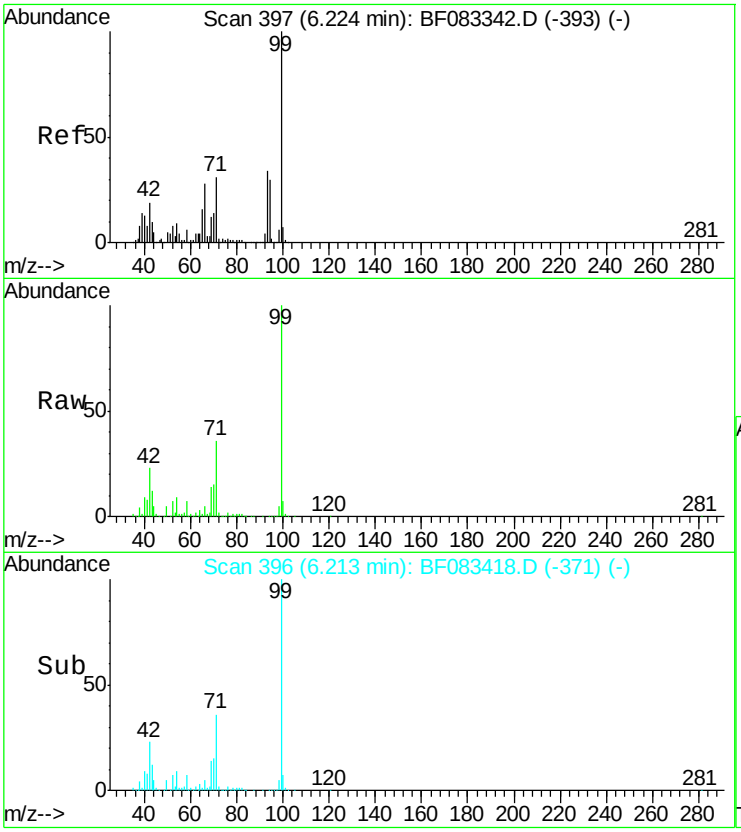


#5
2-Fluorophenol
Concen: 39.28 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion:112 Resp: 1519574

Ion	Ratio	Lower	Upper
112	100		
64	61.9	55.6	83.4
63	31.5	28.2	42.2



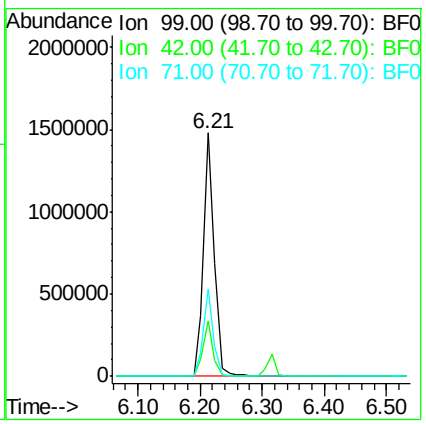


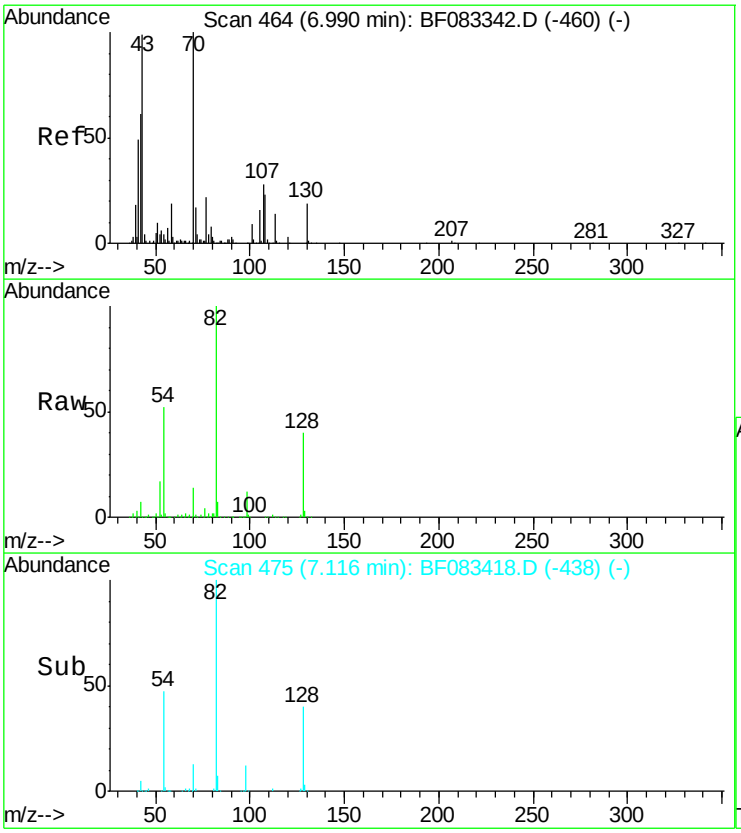
#7
Phenol-d6
Concen: 34.42 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tgt Ion: 99 Resp: 1822513

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.9	22.3#
71	35.8	24.7	37.1

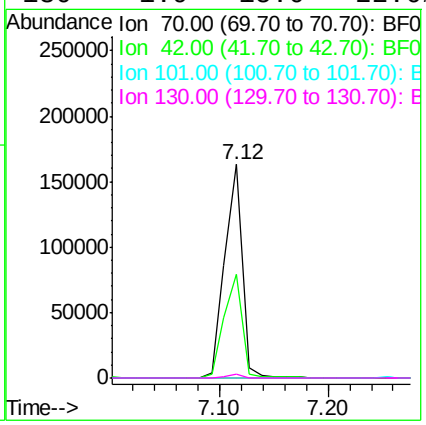


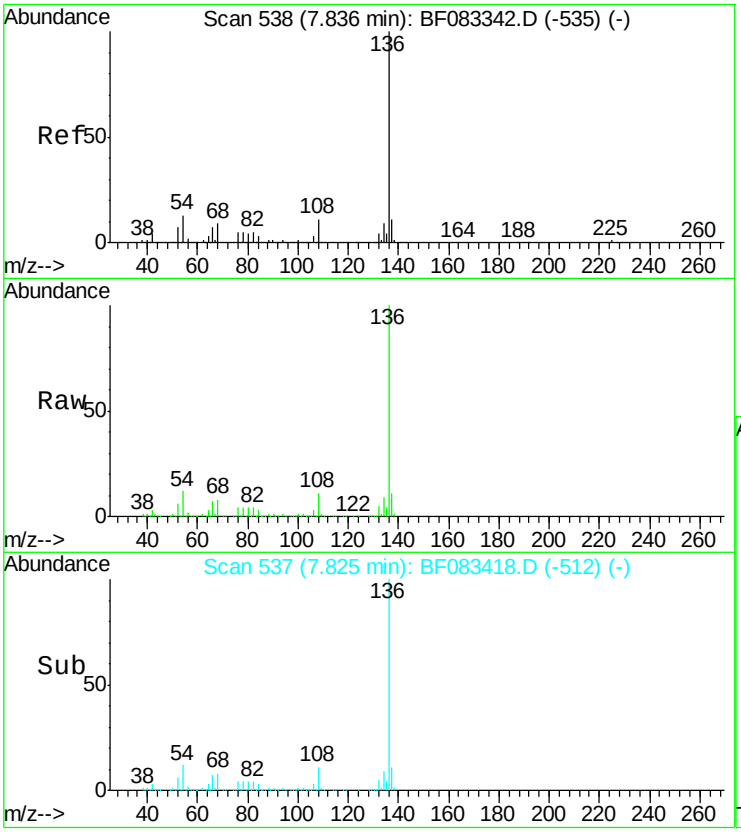


#19
n-Nitroso-di-n-propylamine
Concen: 4.84 ng
RT: 7.12 min Scan# 475
Delta R.T. 0.13 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion: 70 Resp: 183377

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



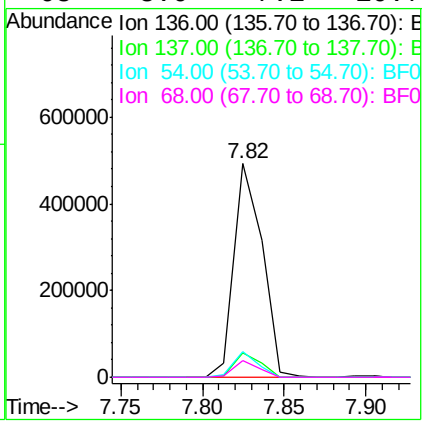


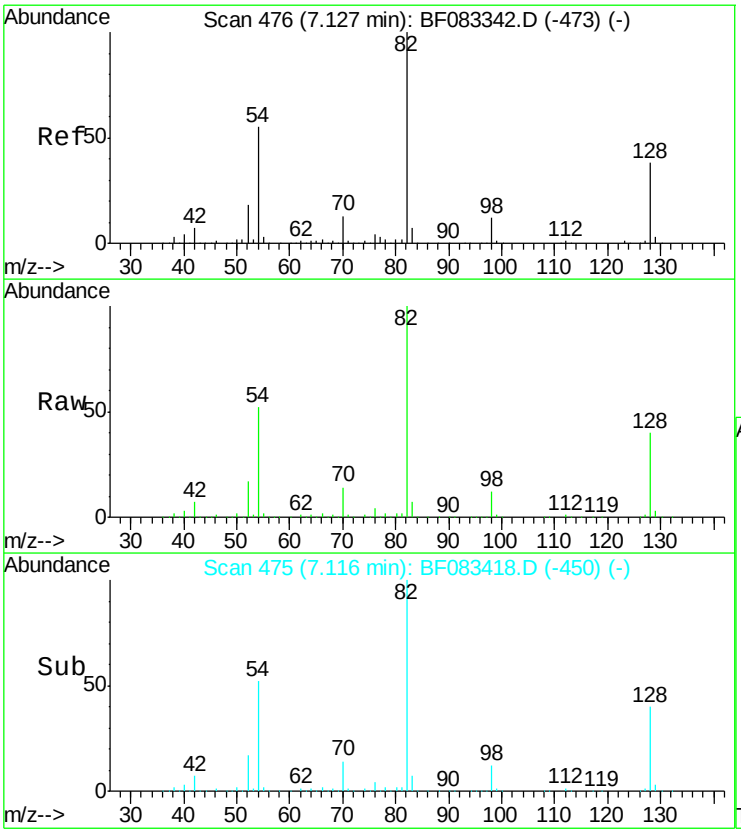
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tgt Ion:136 Resp: 587326

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	12.0	10.1	15.1
68	8.0	7.1	10.7

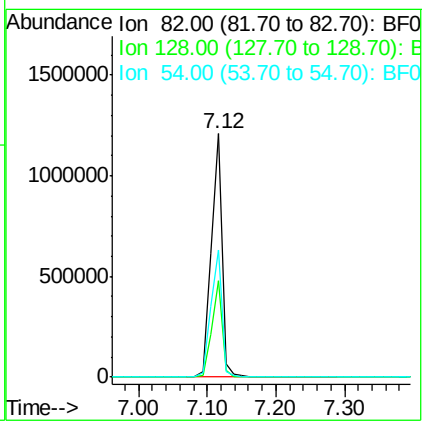


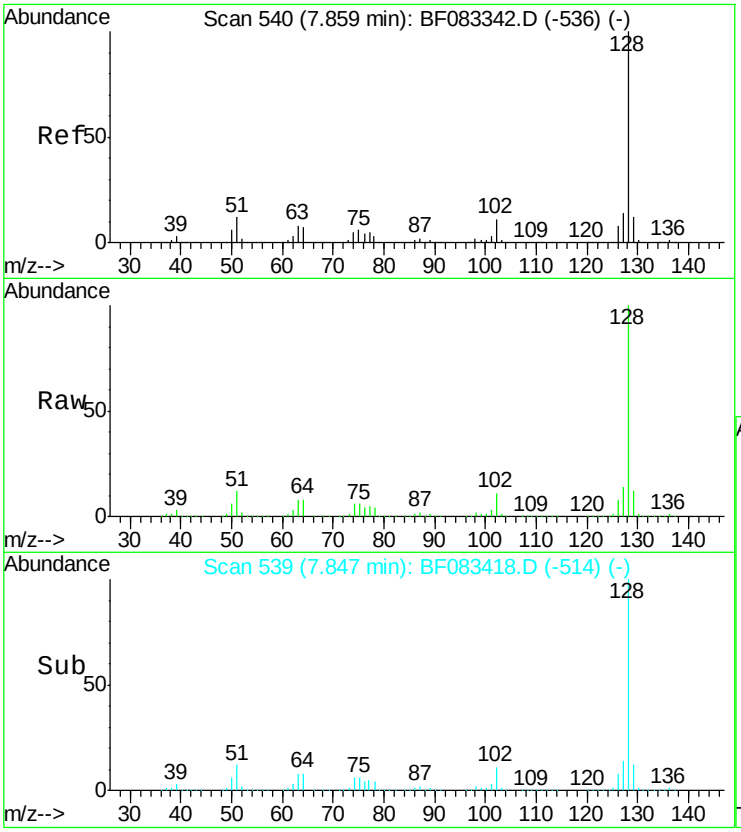


#23
Nitrobenzene-d5
Concen: 100.25 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion: 82 Resp: 1339398

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.6	46.0
54	52.1	43.8	65.6



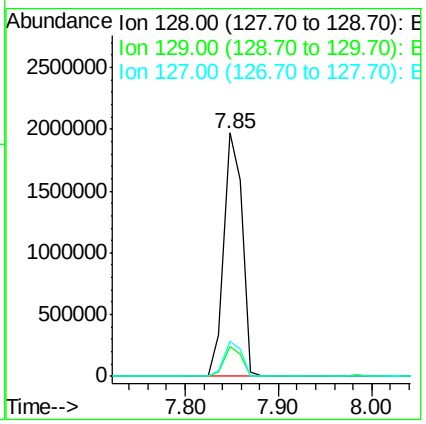


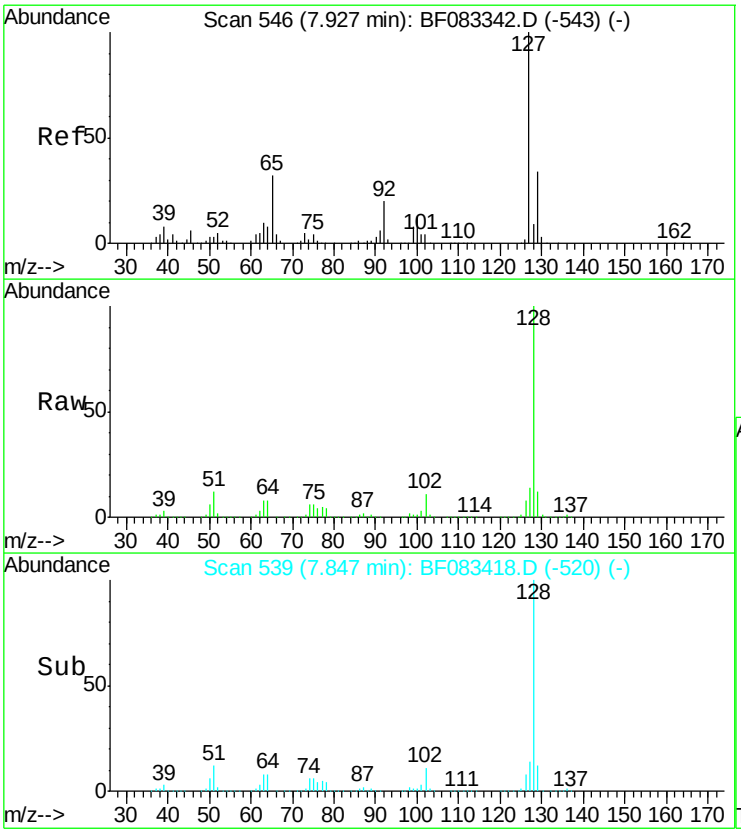
#31
Naphthalene
Concen: 85.33 ng
RT: 7.85 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tgt Ion:128 Resp: 2719071

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.7	14.5
127	14.3	11.0	16.4

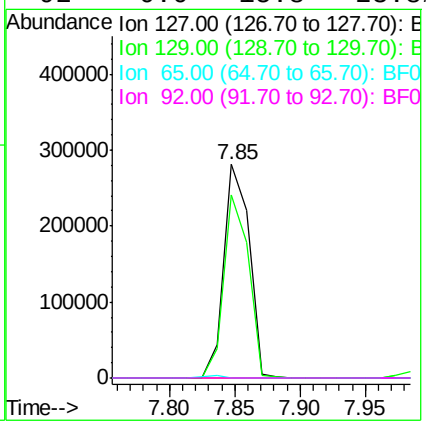


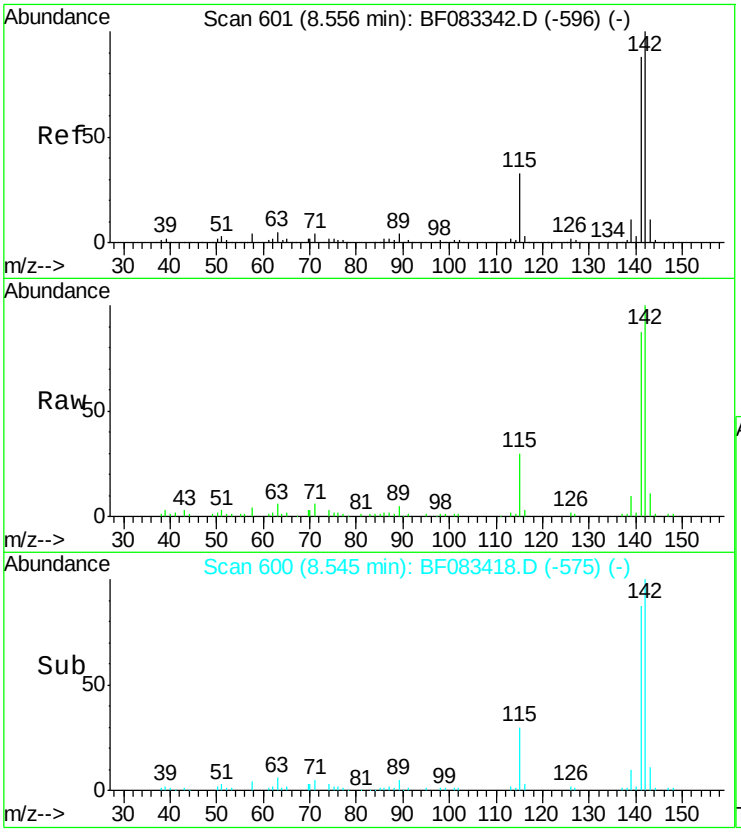


#33
4-Chloroaniline
Concen: 27.62 ng
RT: 7.85 min Scan# 539
Delta R.T. -0.08 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion:127 Resp: 379372

Ion	Ratio	Lower	Upper
127	100		
129	85.7	27.0	40.4#
65	0.0	25.9	38.9#
92	0.0	15.8	23.8#



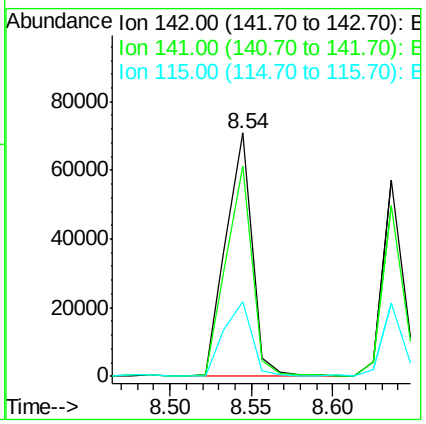


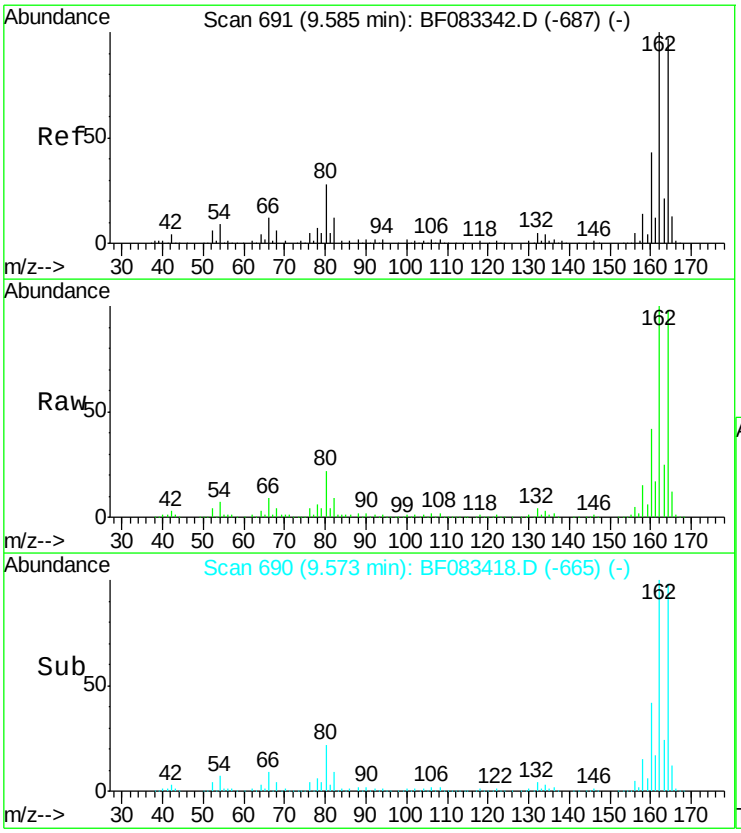
#37
2-Methylnaphthalene
Concen: 3.71 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tgt Ion:142 Resp: 78984

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.6	105.8
115	30.5	26.2	39.2

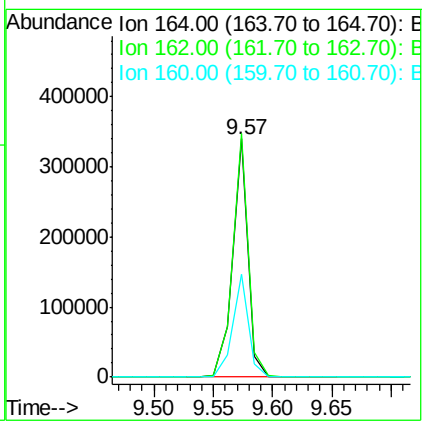


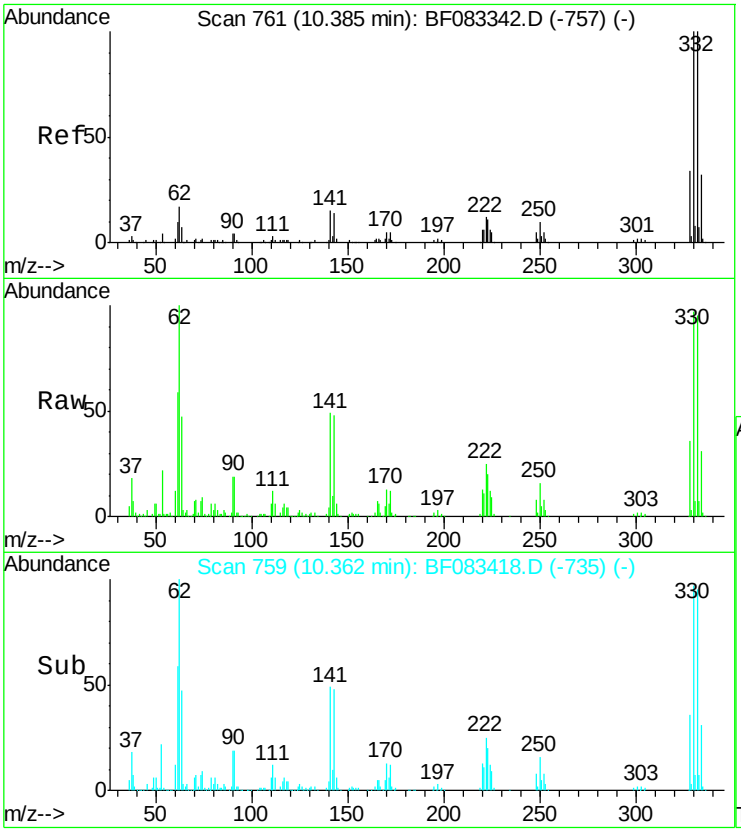


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion:164 Resp: 306368

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	43.0	35.3	52.9



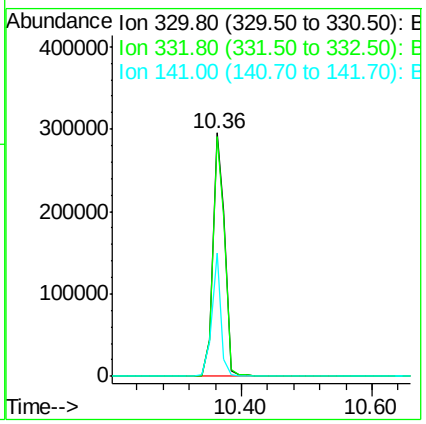


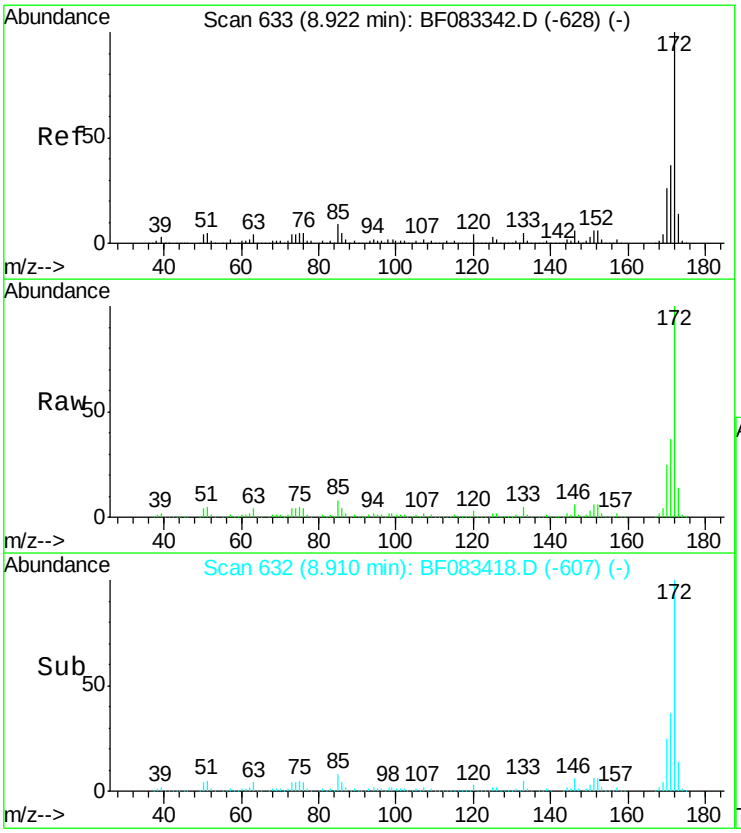
#41
2,4,6-Tribromophenol
Concen: 124.45 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tgt Ion:330 Resp: 382741

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.8	116.6
141	39.0	29.4	44.0

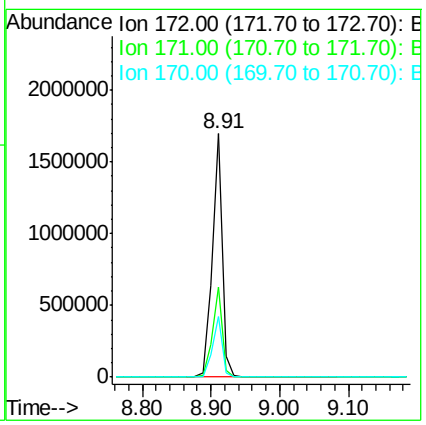


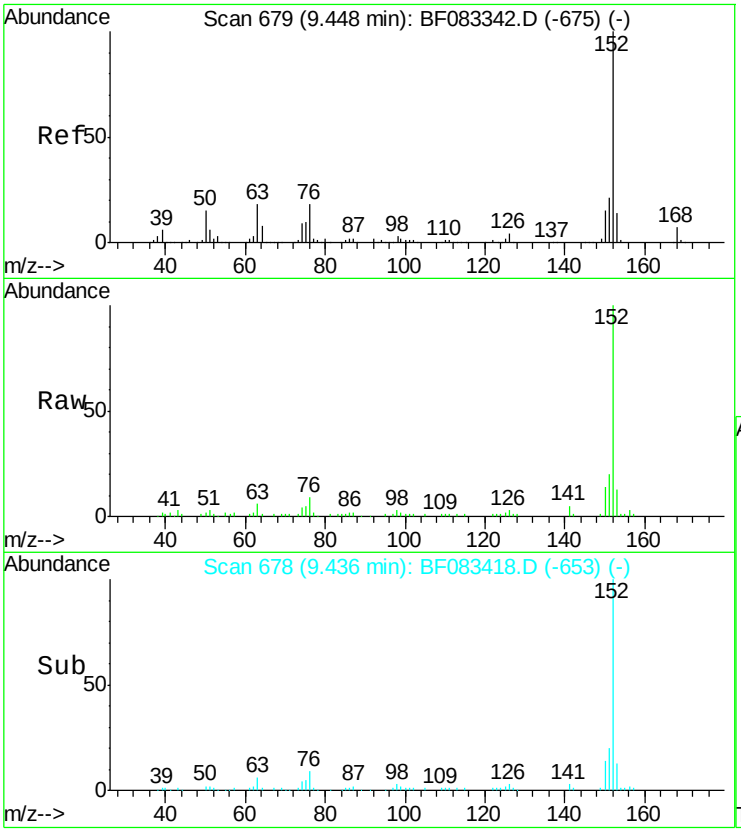


#44
2-Fluorobiphenyl
Concen: 80.94 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion:172 Resp: 1740126

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	25.0	20.4	30.6



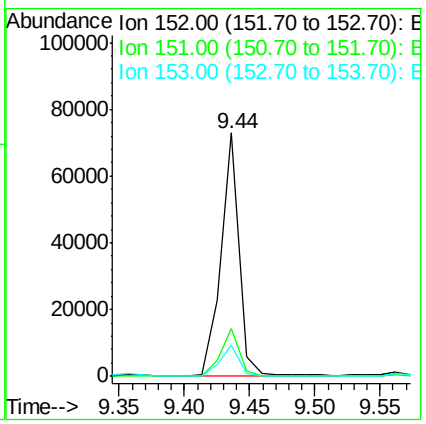


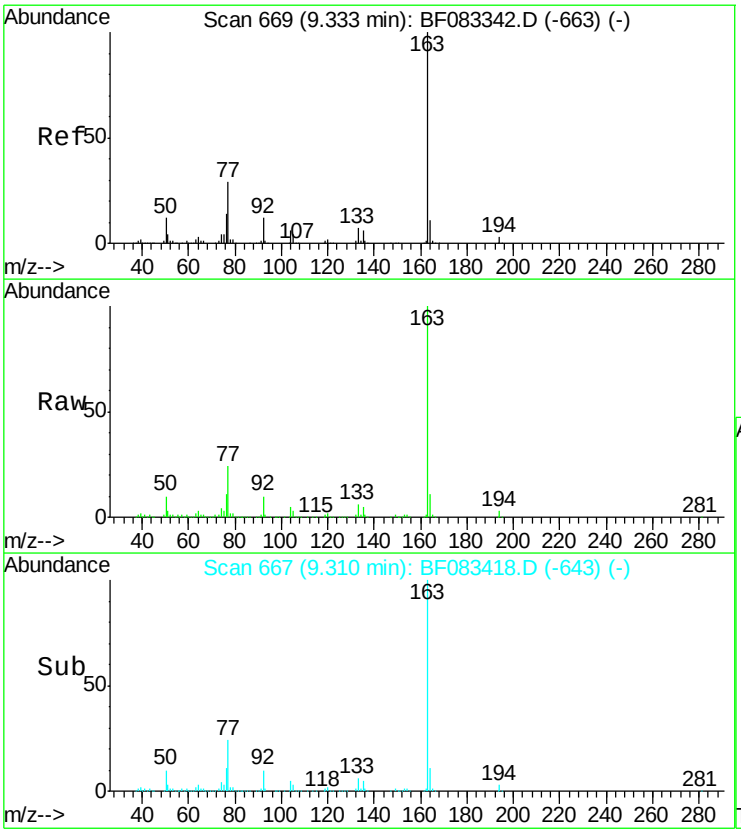
#48
Acenaphthylene
Concen: 2.20 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tgt Ion:152 Resp: 71876

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.7	25.1
153	12.7	11.2	16.8

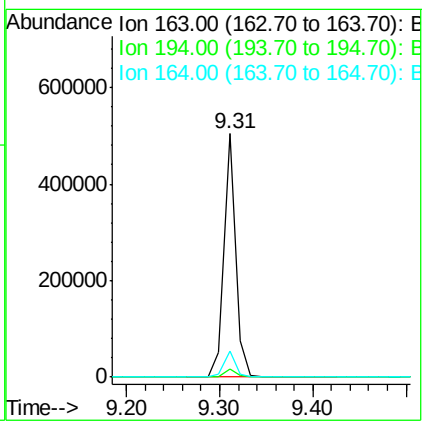


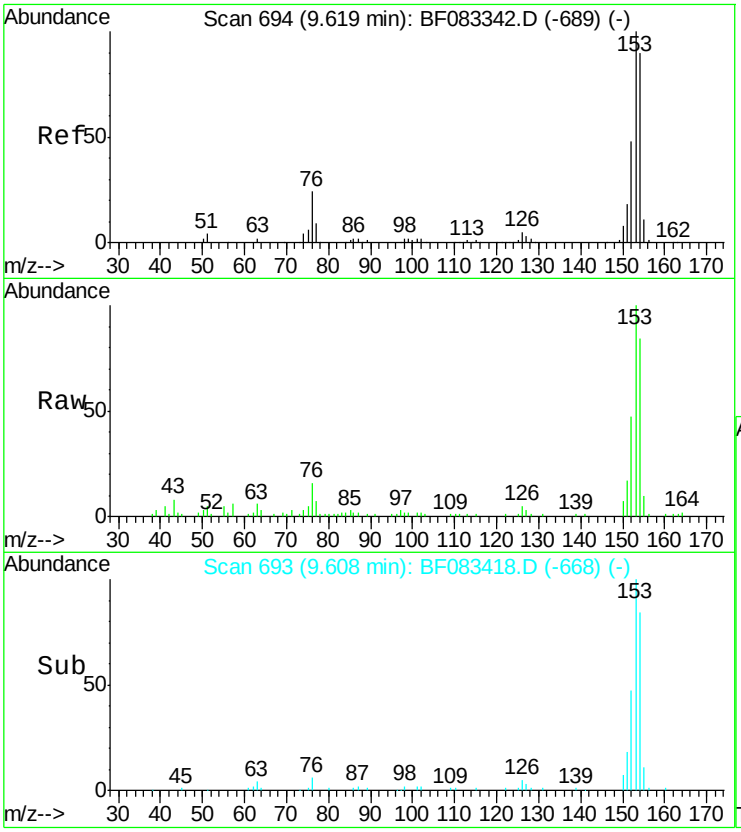


#49
Dimethylphthalate
Concen: 17.59 ng
RT: 9.31 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion:163 Resp: 437940

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.6	8.8	13.2



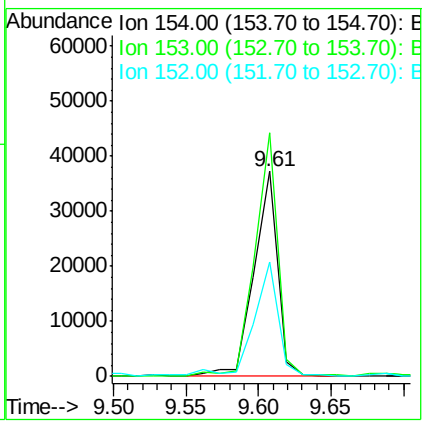


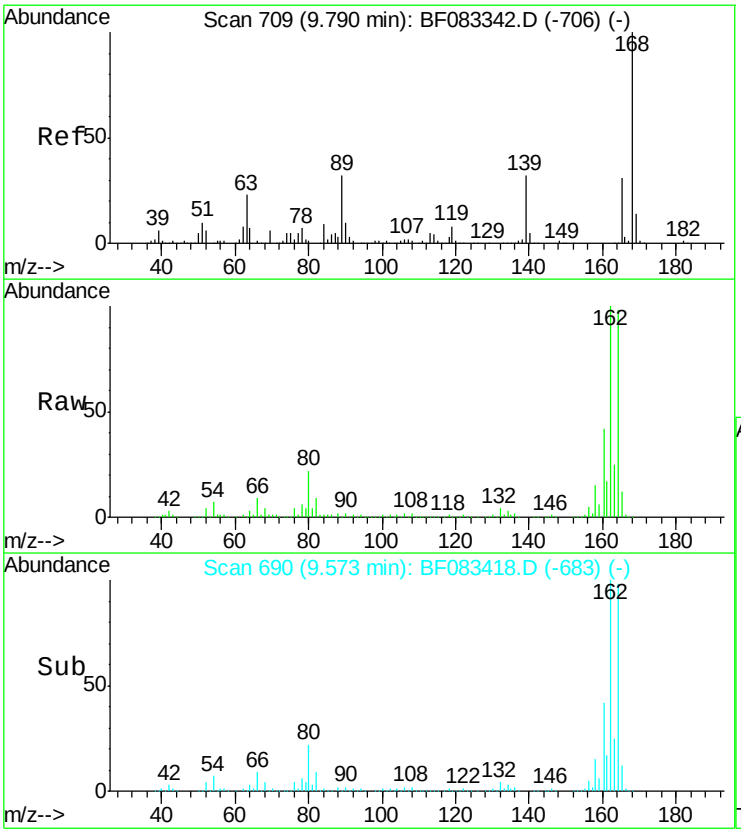
#51
Acenaphthene
Concen: 2.18 ng
RT: 9.61 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tgt Ion:154 Resp: 41926

Ion	Ratio	Lower	Upper
154	100		
153	118.9	89.3	133.9
152	56.1	42.5	63.7

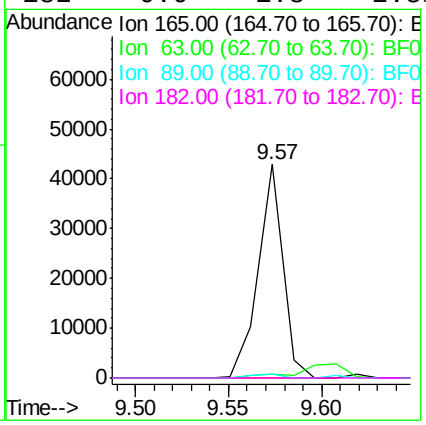


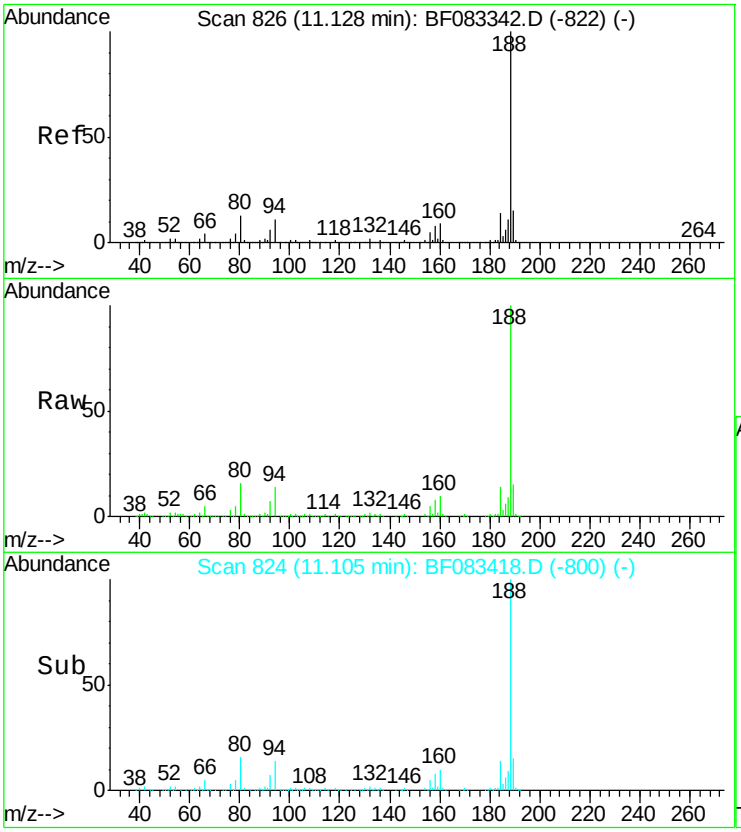


#56
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.22 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion:165 Resp: 39240

Ion	Ratio	Lower	Upper
165	100		
63	1.7	65.4	98.0#
89	1.8	81.2	121.8#
182	0.0	1.8	2.8#



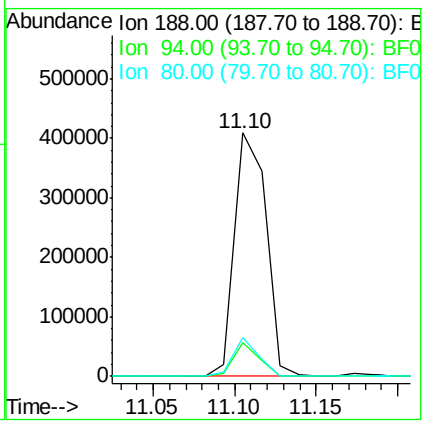


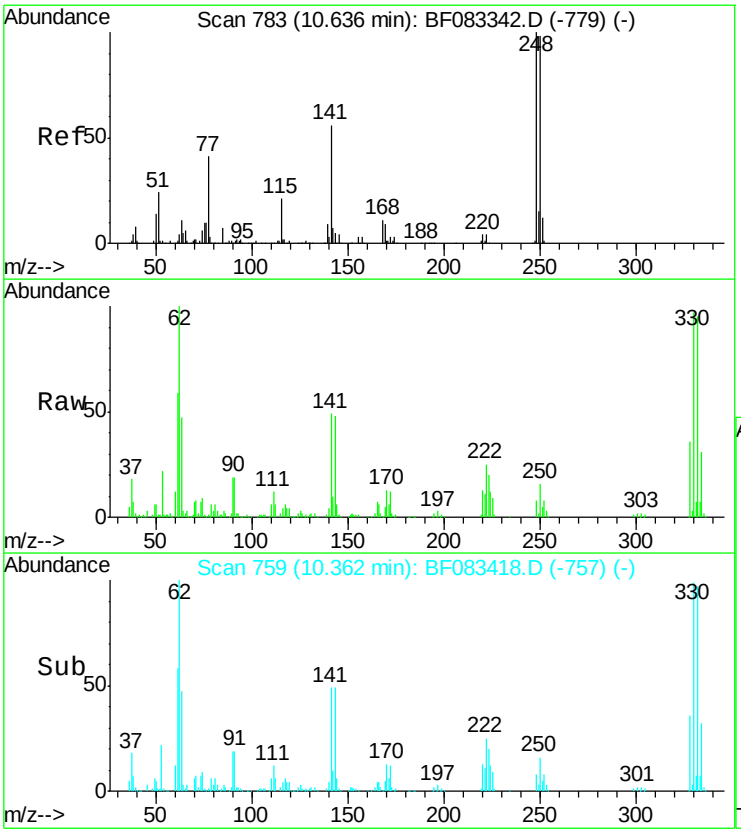
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tgt Ion:188 Resp: 547750

Ion	Ratio	Lower	Upper
188	100		
94	13.7	8.7	13.1#
80	16.1	10.3	15.5#

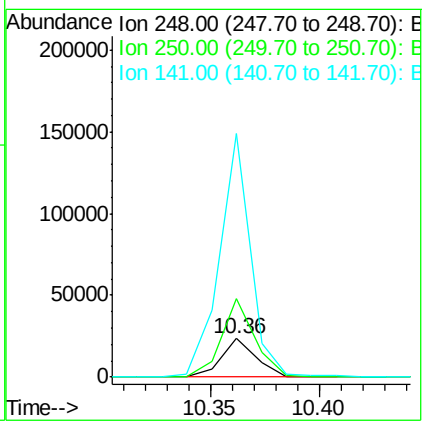


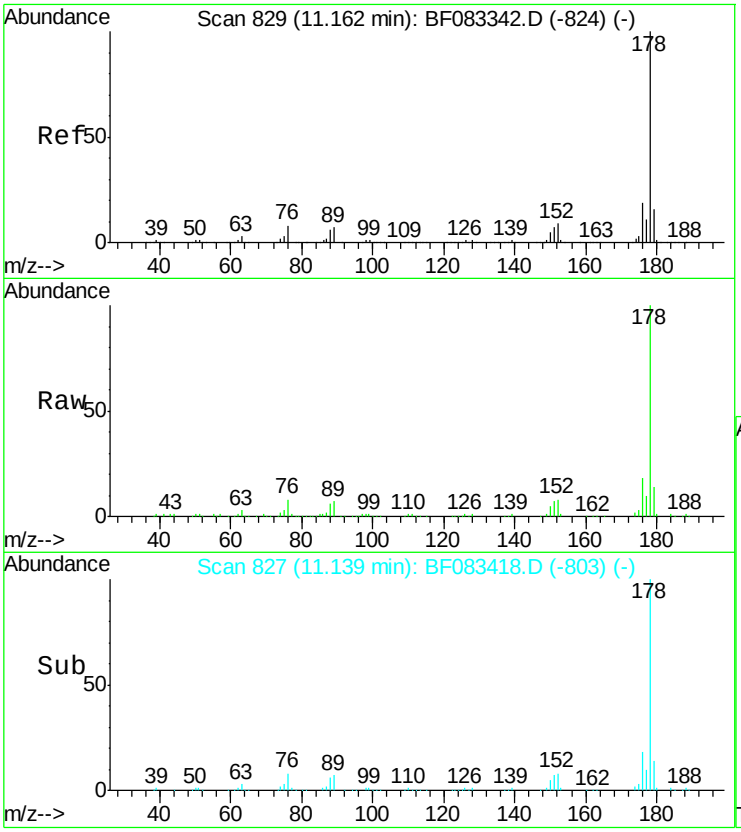


#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.27 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion:248 Resp: 25691

Ion	Ratio	Lower	Upper
248	100		
250	204.7	78.6	118.0#
141	633.8	44.4	66.6#



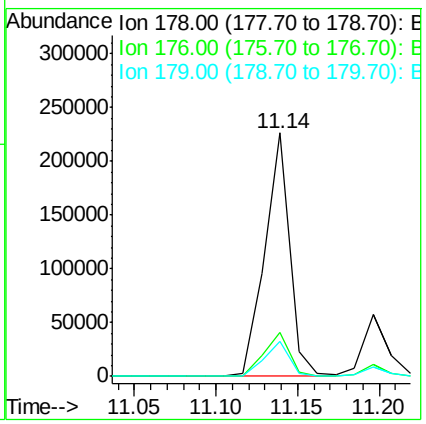


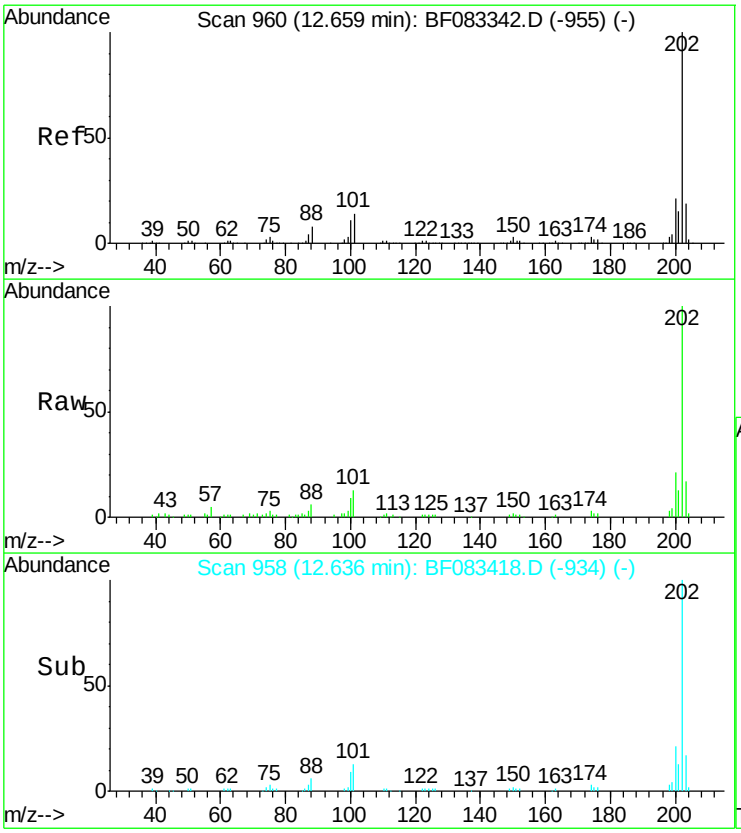
#70
Phenanthrene
Concen: 7.43 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tgt Ion:178 Resp: 240983

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	14.3	12.4	18.6

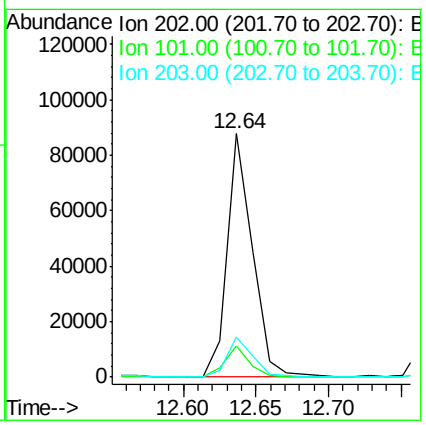


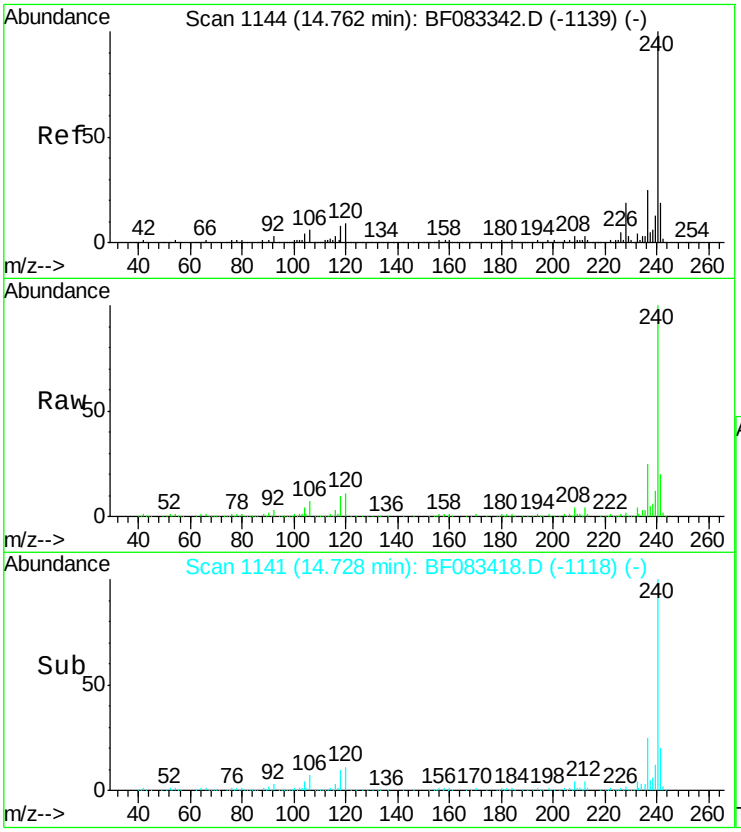


#74
Fluoranthene
Concen: 3.15 ng
RT: 12.64 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion:202 Resp: 105883

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.5
203	16.6	0.0	38.7



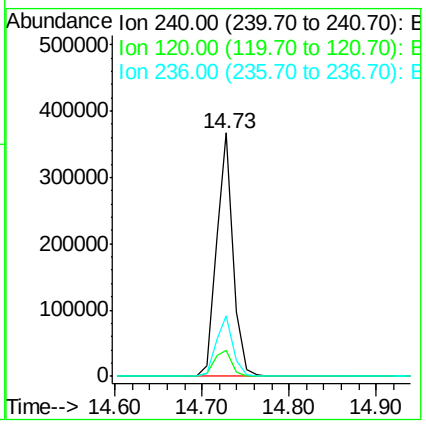


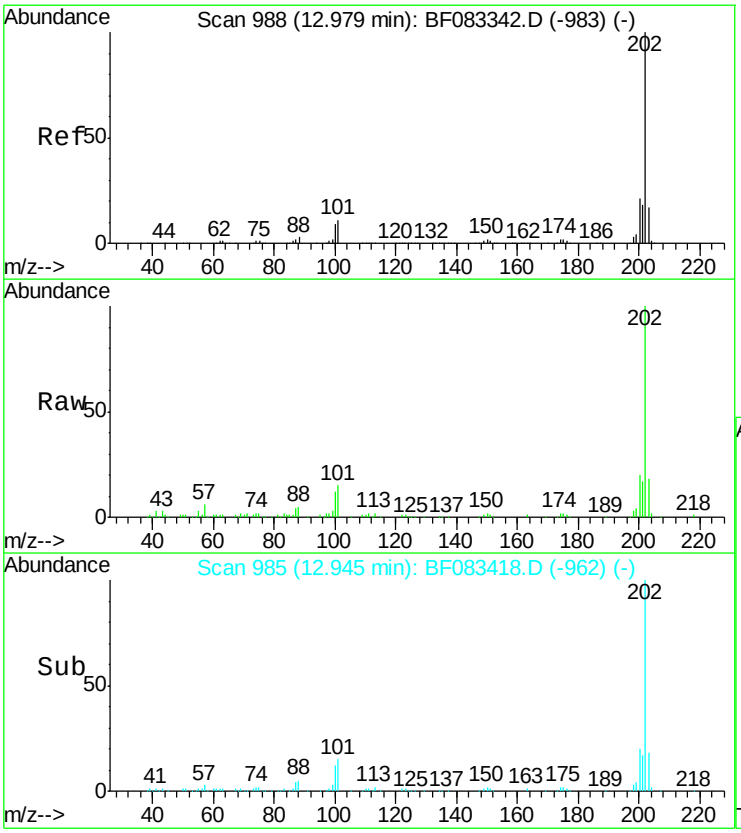
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.03 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tgt Ion:240 Resp: 490003

Ion	Ratio	Lower	Upper
240	100		
120	10.6	6.9	10.3#
236	25.1	19.8	29.6

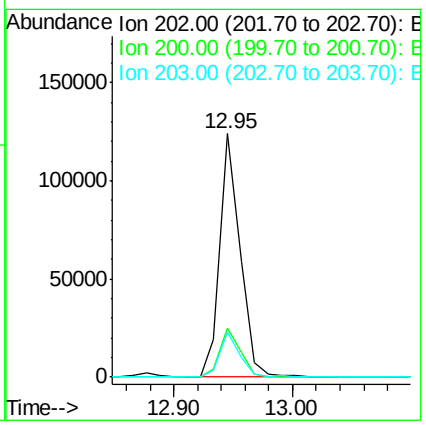


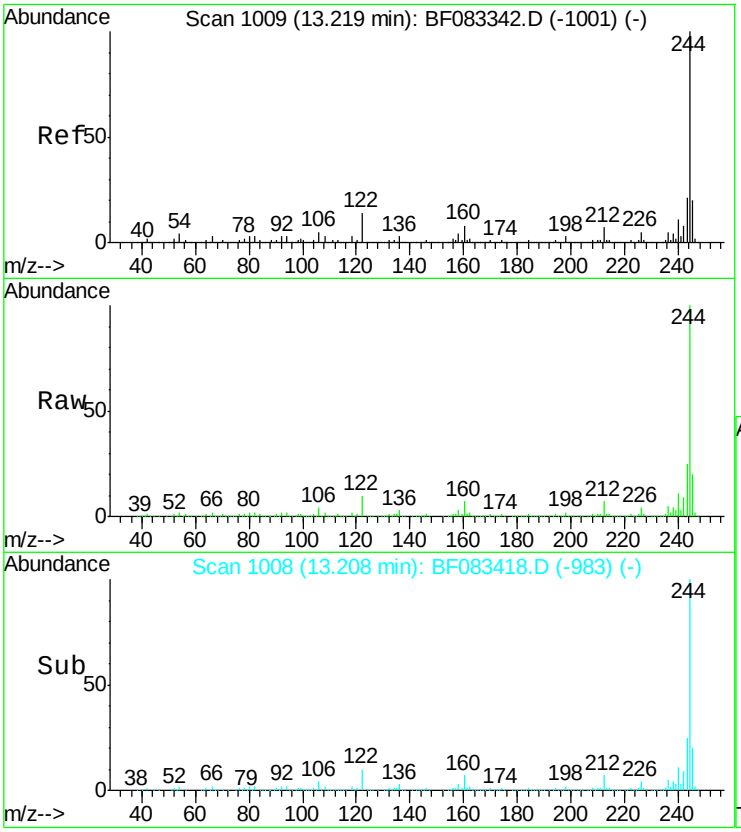


#77
Pyrene
Concen: 4.29 ng
RT: 12.95 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion:202 Resp: 146864

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	18.4	13.9	20.9



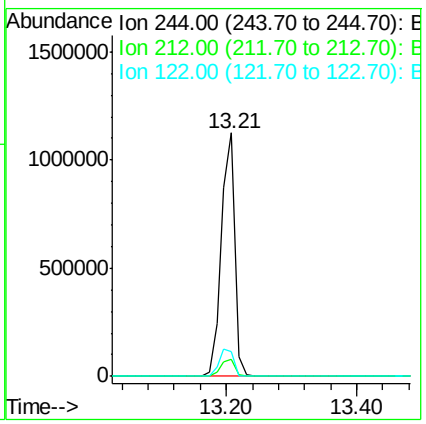


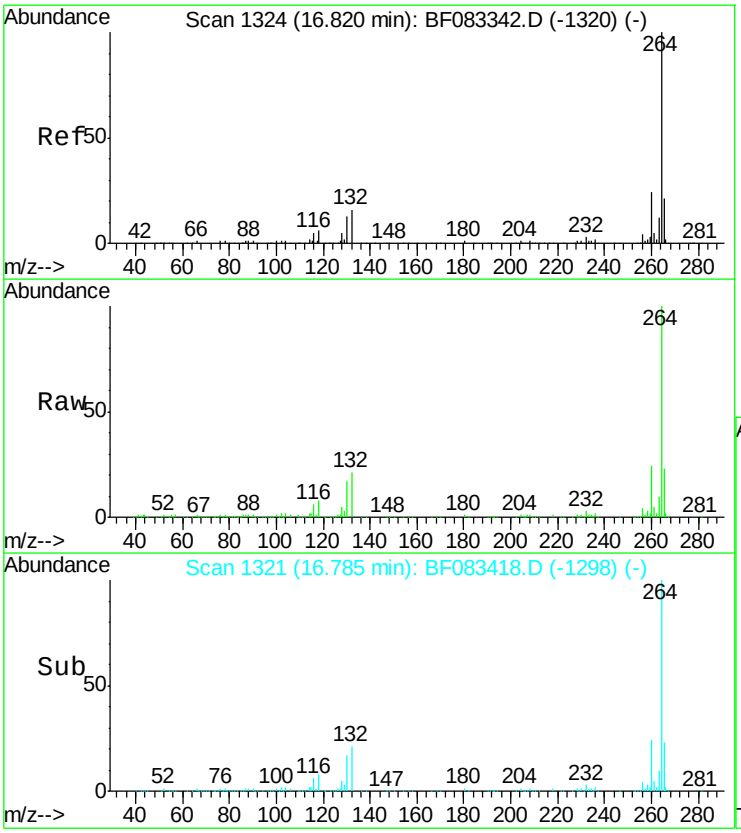
#78
Terphenyl-d14
Concen: 79.12 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(8-14)

Tgt Ion:244 Resp: 1625563

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.2	11.0	16.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.79 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF083418.D
Acq: 2 Dec 2015 15:11

Tgt Ion:264 Resp: 355068

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	22.5	16.8	25.2