Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083539.D
Acq On : 7 Dec 2015 2:47
Operator : UM/IZ
Sample : G4614-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S25-15.5

Quant Time: Dec 07 05:08:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	193537	20.00	ng		-0.03
21) Naphthalene-d8	7.63	136	738758	20.00	ng		-0.05
38) Acenaphthene-d10	10.42	164	354421	20.00	ng		-0.05
63) Phenanthrene-d10	12.82	188	610802	20.00	ng		-0.03
75) Chrysene-d12	17.01	240	418373	20.00	ng		-0.03
86) Perylene-d12	18.65	264	389673	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.02	112	1740448	136.43	ng		-0.01
7) Phenol-d6	5.30	99	2267261	128.99	ng		-0.02
23) Nitrobenzene-d5	6.57	82	1584447	100.25	ng		-0.03
41) 2,4,6-Tribromophenol	11.71	330	428729	131.13	ng		-0.05
44) 2-Fluorobiphenyl	9.38	172	2208251	84.51	ng		-0.05
78) Terphenyl-d14	15.45	244	1637080	87.07	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.57	70	212422	18.12	ng	#	78
49) Dimethylphthalate	10.06	163	615194	22.05	ng		98
55) 4-Nitrophenol	10.76	139	13104	3.67	ng	#	5
64) 4,6-Dinitro-2-methylphenol	11.71	198	835	3.67	ng	#	1
70) Phenanthrene	12.85	178	529096	14.88	ng		100
71) Anthracene	12.93	178	126031	3.48	ng		96
74) Fluoranthene	14.77	202	757237	21.49	ng		98
80) Benzo(a)anthracene	17.00	228	394107	16.10	ng		98
82) Chrysene	17.05	228	296911	12.18	ng		98
85) Indeno(1,2,3-cd)pyrene	19.88	276	146626	7.01	ng	#	100
87) Benzo(b)fluoranthene	18.27	252	496974	22.71	ng		98
88) Benzo(k)fluoranthene	18.27	252	496974	22.17	ng		97
89) Benzo(a)pyrene	18.59	252	269222	12.65	ng		97
91) Benzo(g,h,i)perylene	20.24	276	135359	6.56	ng		99

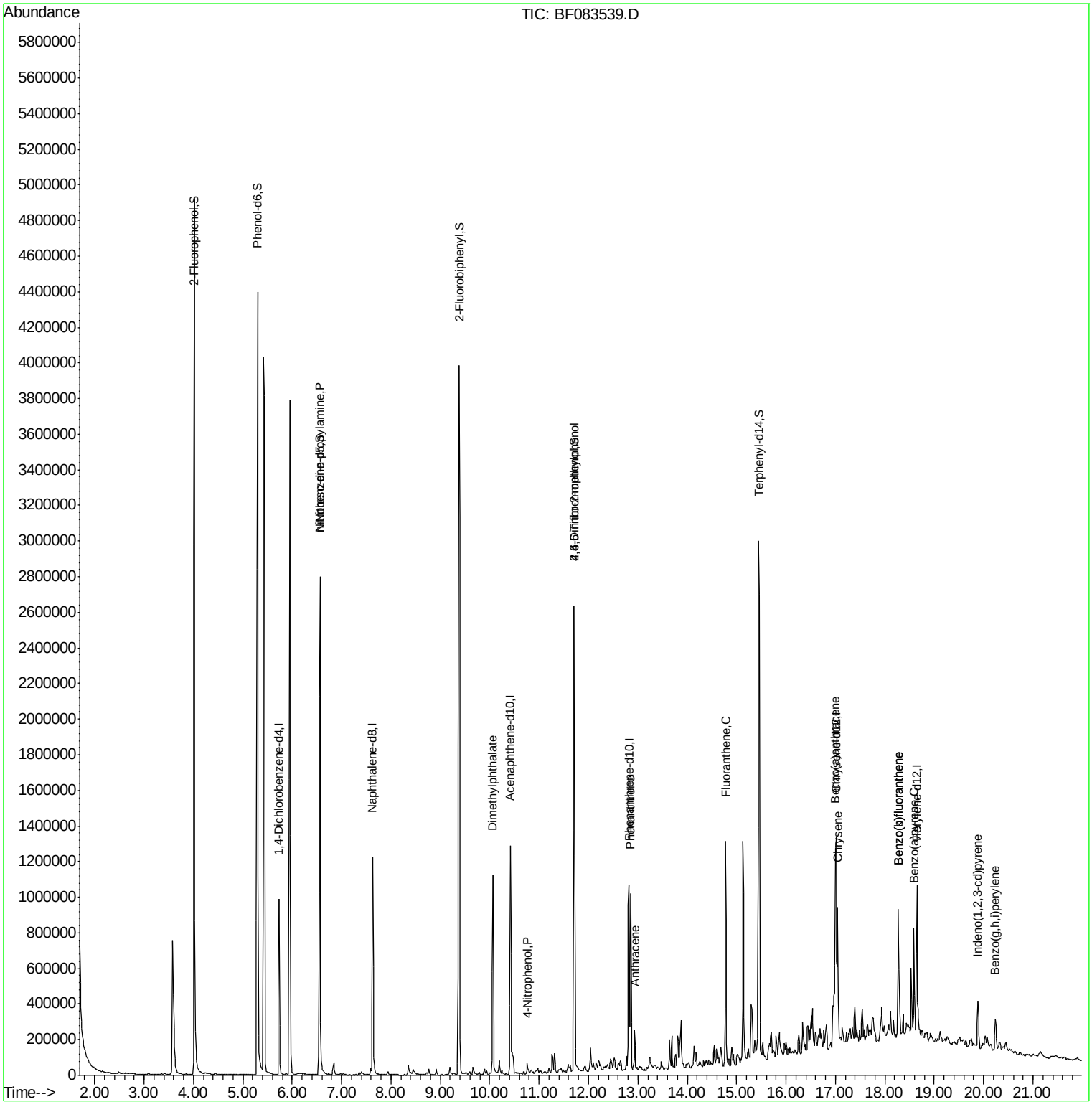
(#) = qualifier out of range (m) = manual integration (+) = signals summed

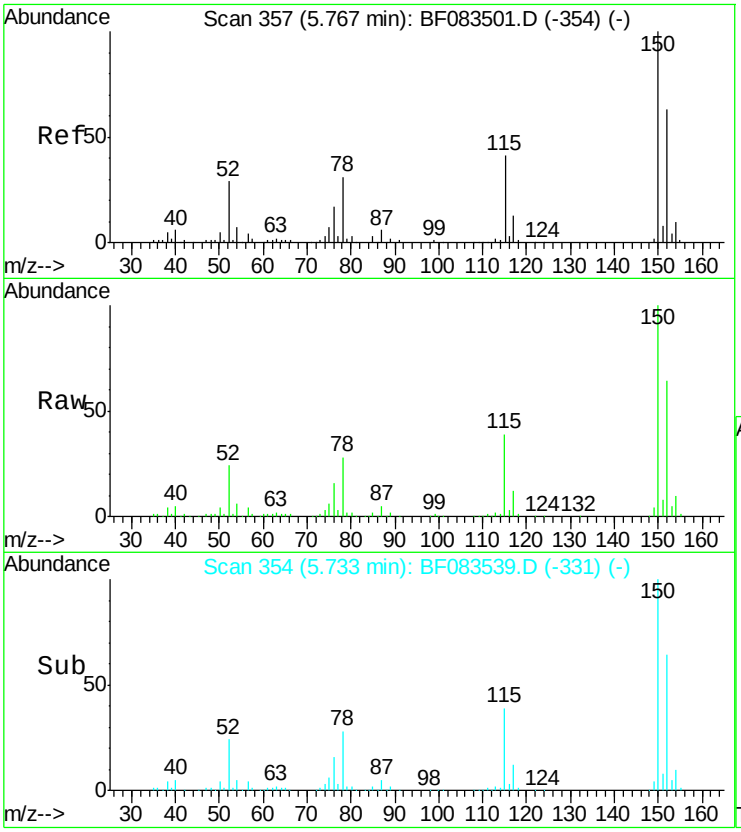
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083539.D
Acq On : 7 Dec 2015 2:47
Operator : UM/IZ
Sample : G4614-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Quant Time: Dec 07 05:08:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration



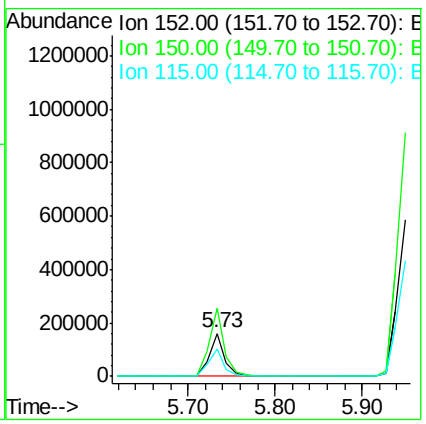


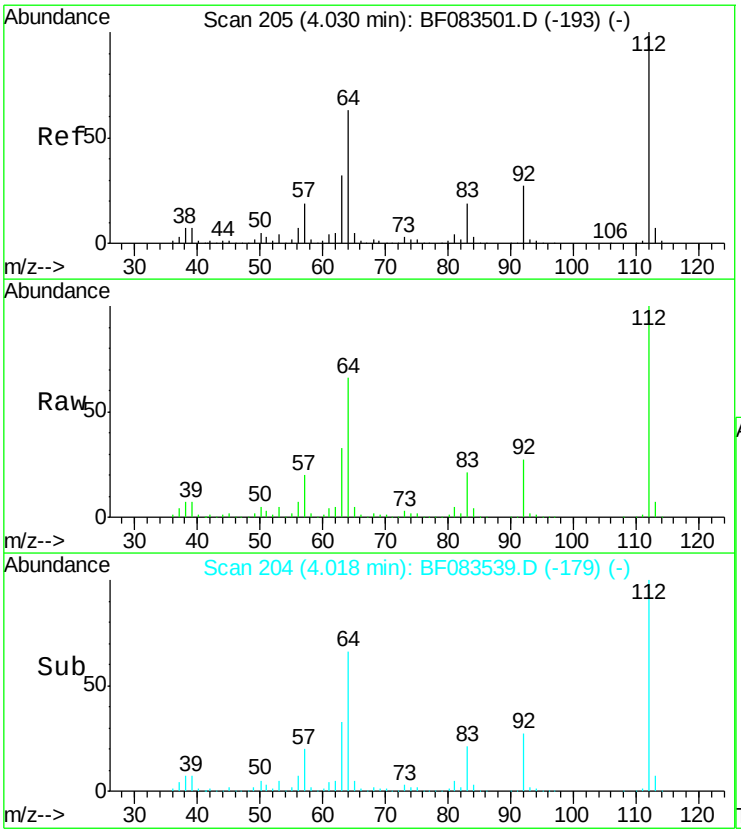
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion:152 Resp: 193537

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.5	189.7
115	61.9	52.3	78.5

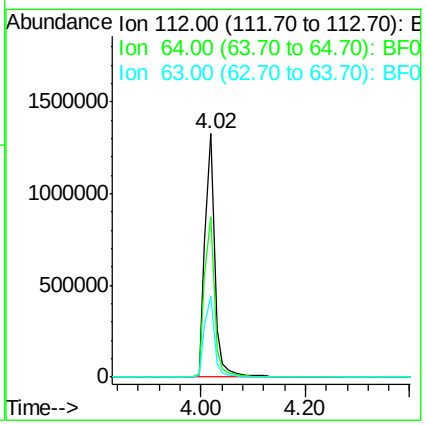


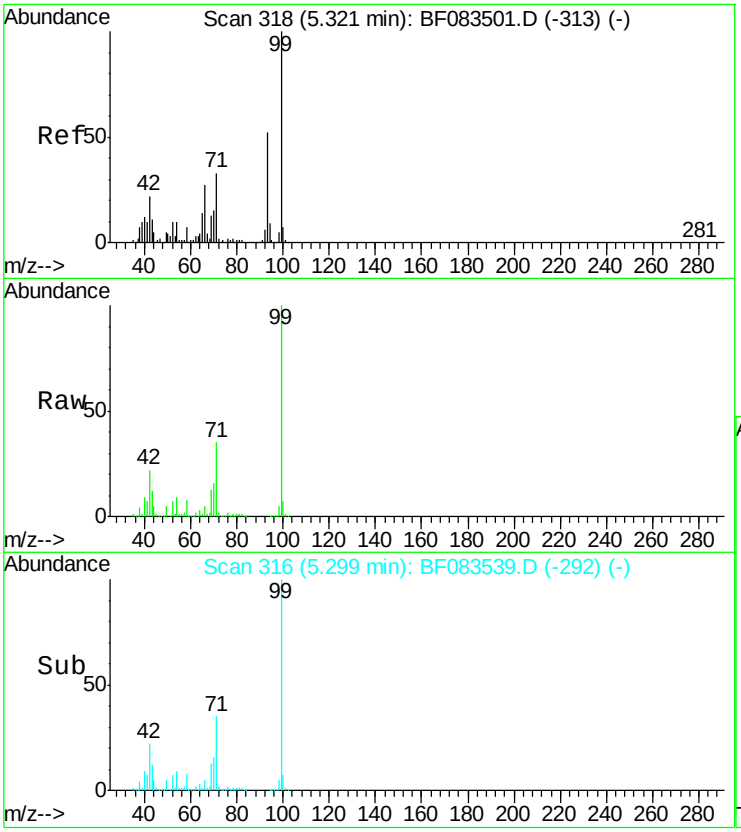


#5
2-Fluorophenol
Concen: 136.43 ng
RT: 4.02 min Scan# 204
Delta R.T. -0.01 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion:112 Resp: 1740448

Ion	Ratio	Lower	Upper
112	100		
64	66.1	50.5	75.7
63	33.4	25.8	38.6



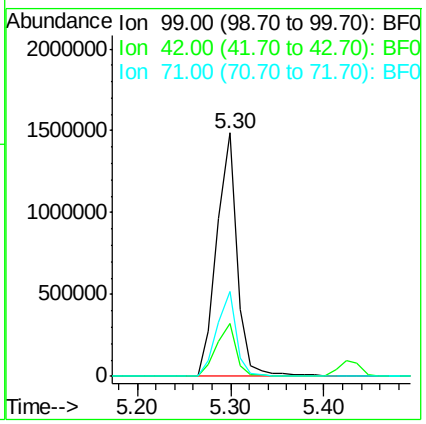


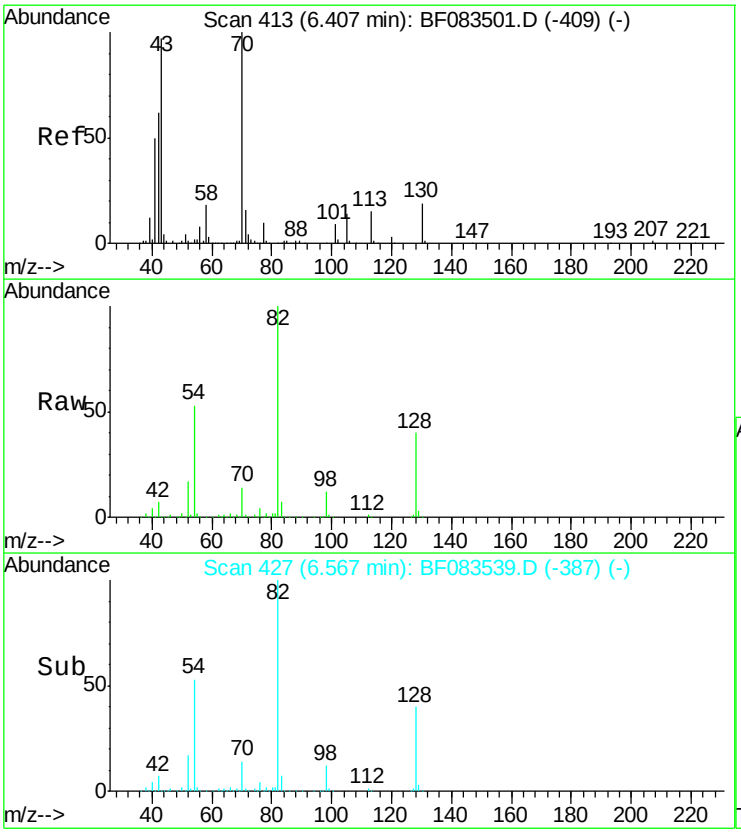
#7
Phenol-d6
Concen: 128.99 ng
RT: 5.30 min Scan# 316
Delta R.T. -0.02 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion: 99 Resp: 2267261

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.3	25.9
71	34.7	26.6	40.0

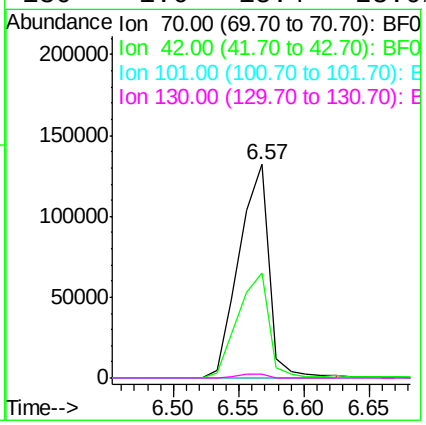


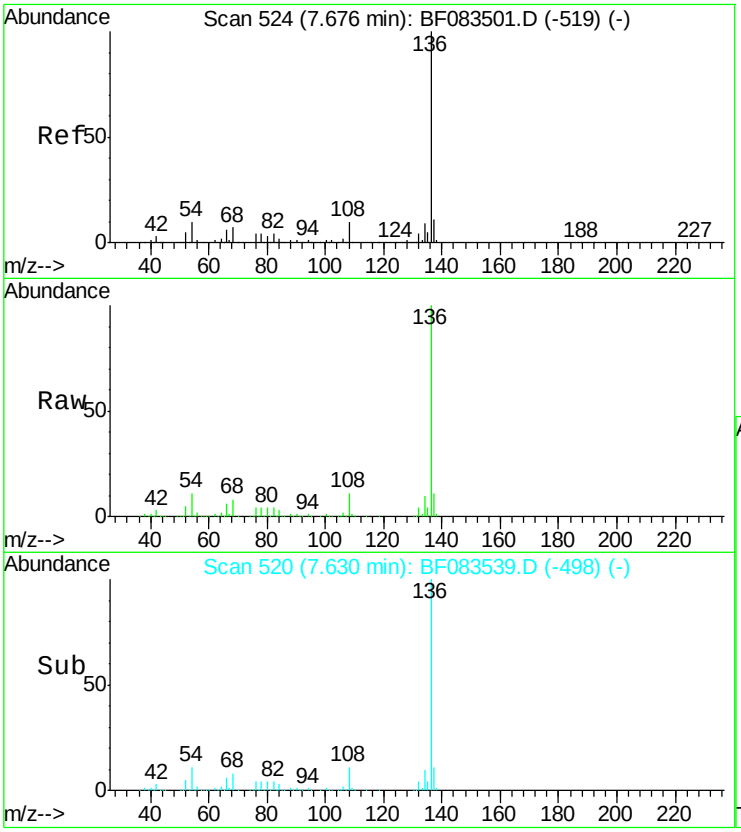


#19
n-Nitroso-di-n-propylamine
Concen: 18.12 ng
RT: 6.57 min Scan# 427
Delta R.T. 0.16 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion: 70 Resp: 212422

Ion	Ratio	Lower	Upper
70	100		
42	49.2	49.2	73.8
101	0.0	7.1	10.7#
130	1.6	15.4	23.0#



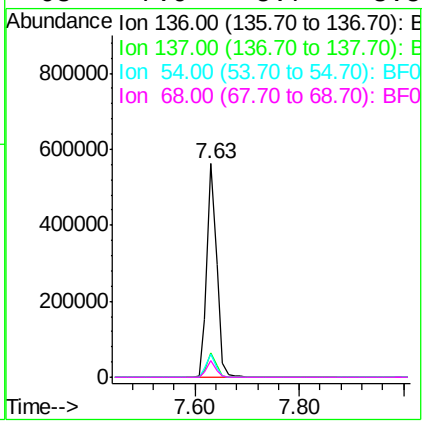


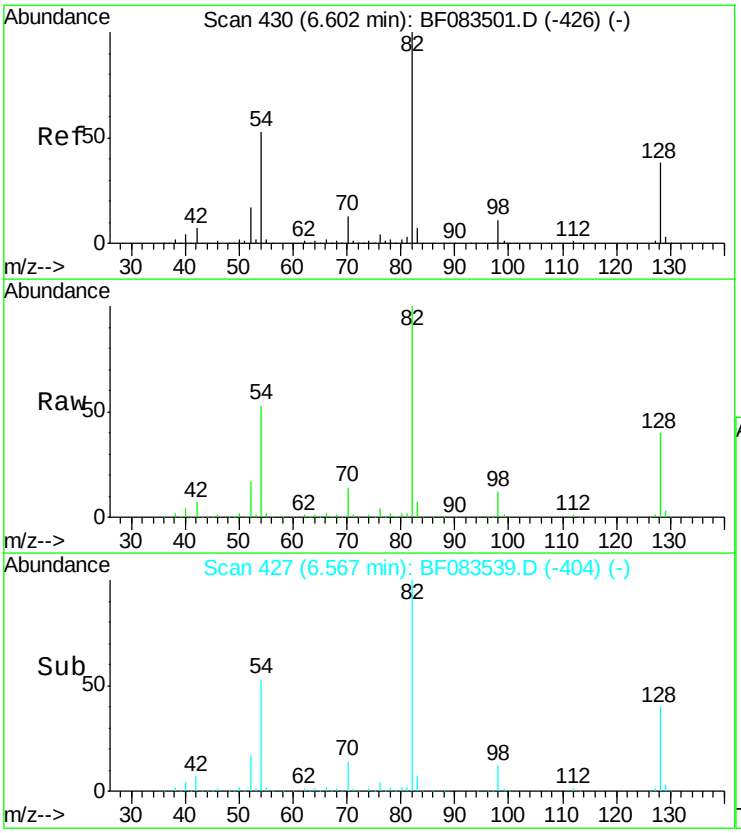
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion:136 Resp: 738758

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.1	7.8	11.6
68	7.9	5.7	8.5

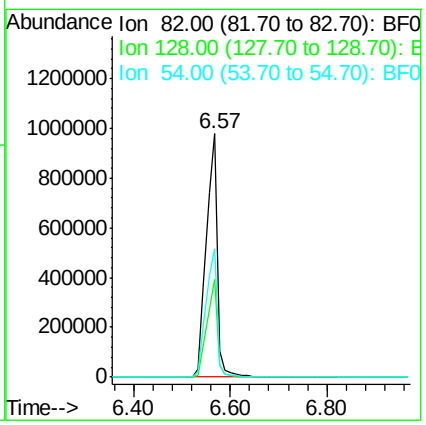


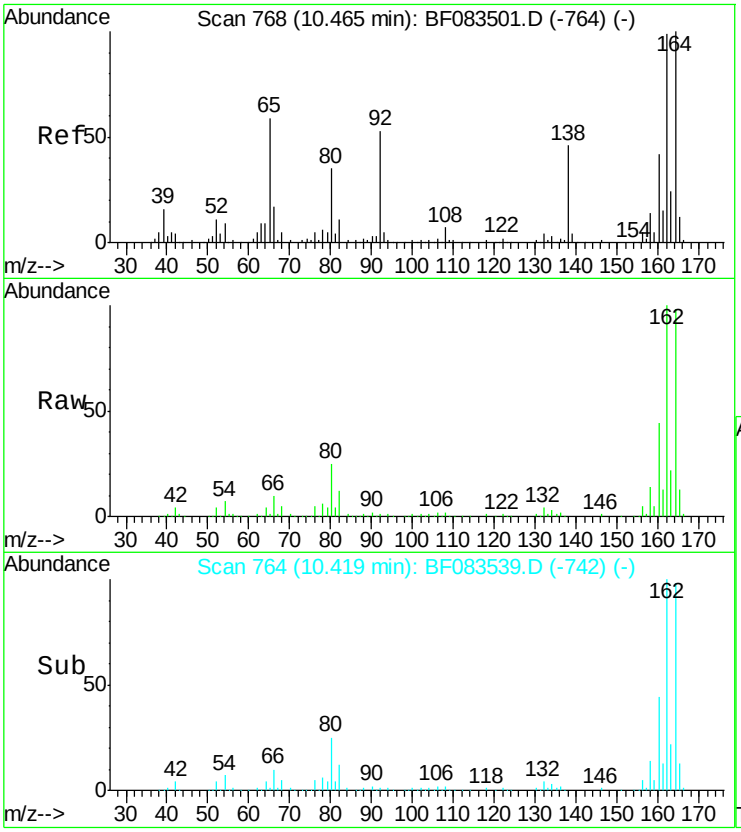


#23
Nitrobenzene-d5
Concen: 100.25 ng
RT: 6.57 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion: 82 Resp: 1584447

Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.7	46.1
54	52.9	42.5	63.7



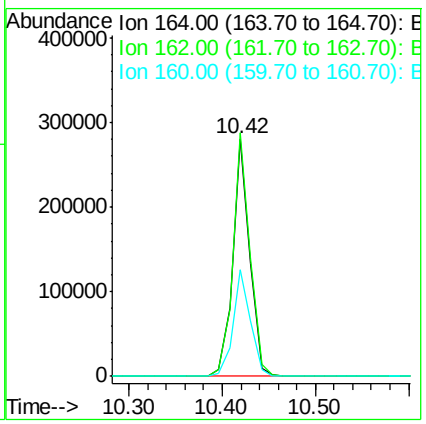


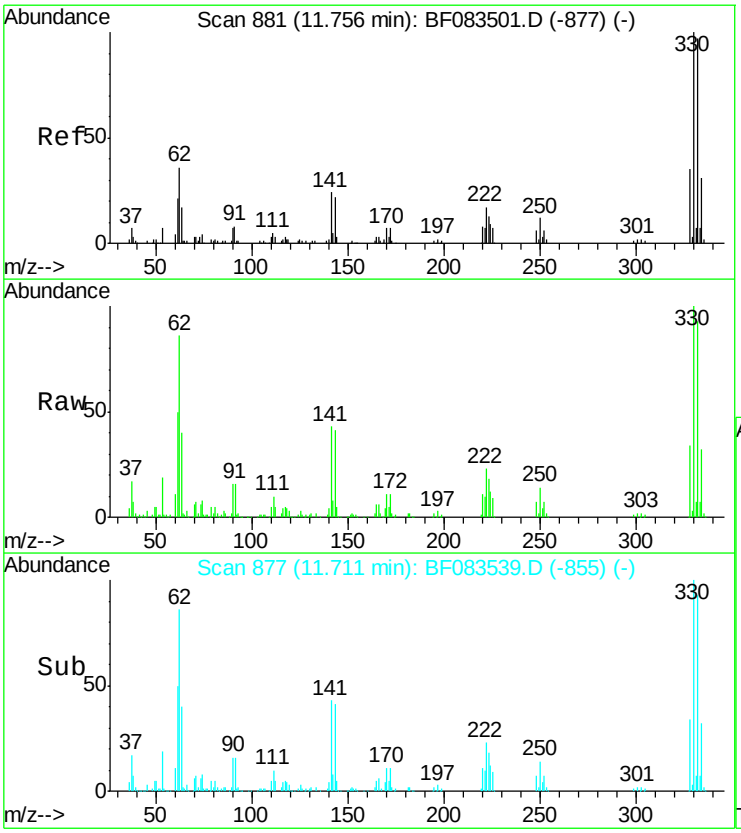
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.05 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion:164 Resp: 354421

Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	44.8	33.4	50.2

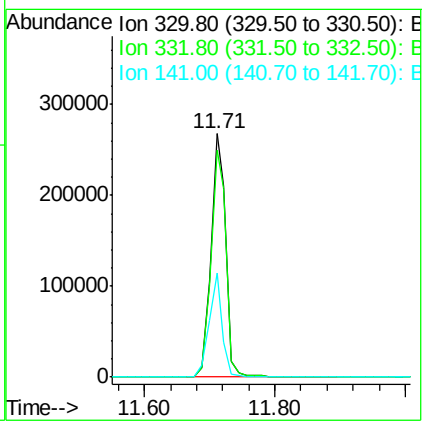


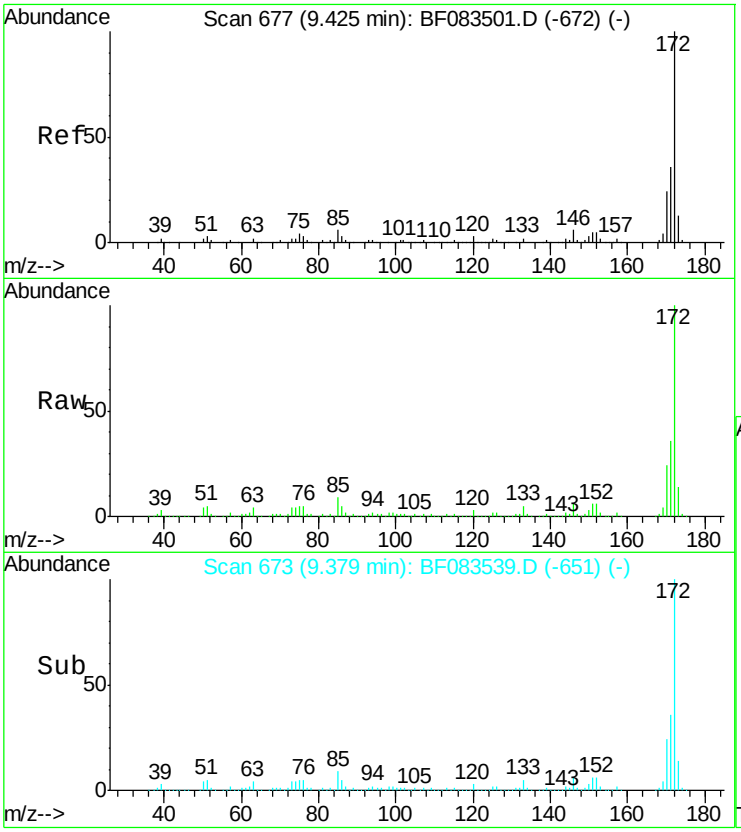


#41
2,4,6-Tribromophenol
Concen: 131.13 ng
RT: 11.71 min Scan# 877
Delta R.T. -0.05 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion:330 Resp: 428729

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	38.1	0.0	0.0#



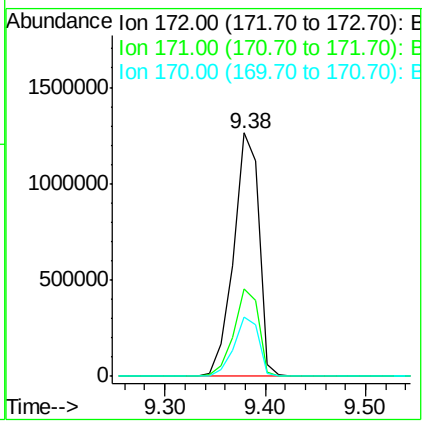


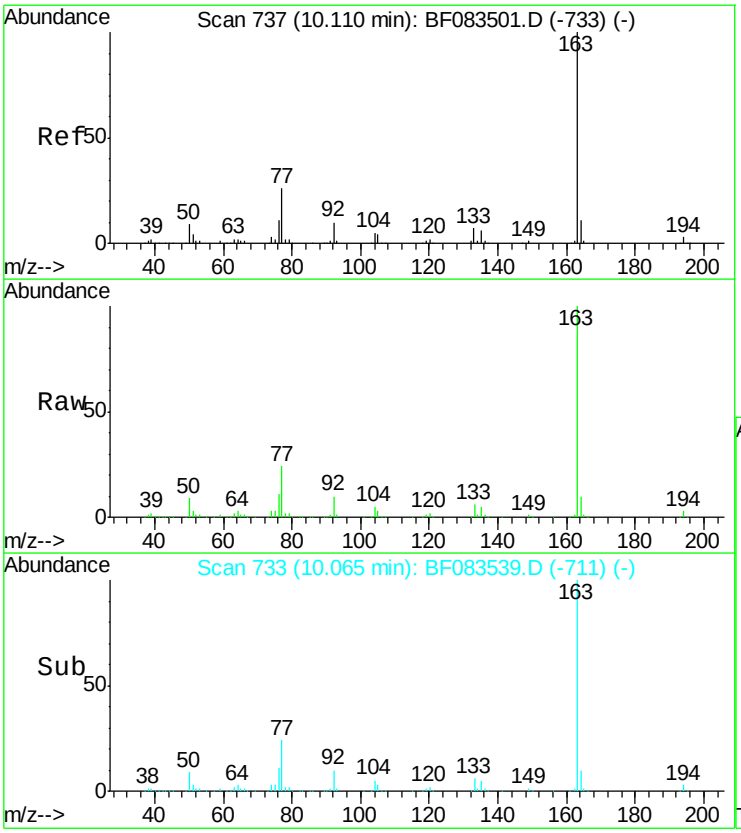
#44
2-Fluorobiphenyl
Concen: 84.51 ng
RT: 9.38 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion:172 Resp: 2208251

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	24.2	19.4	29.0

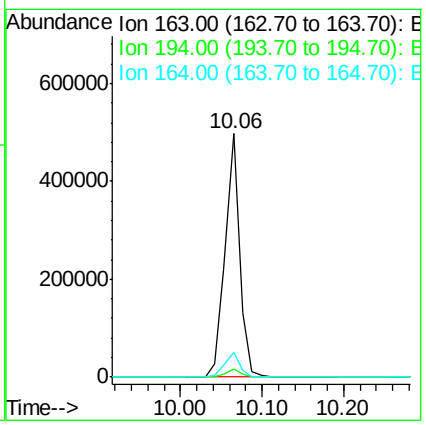


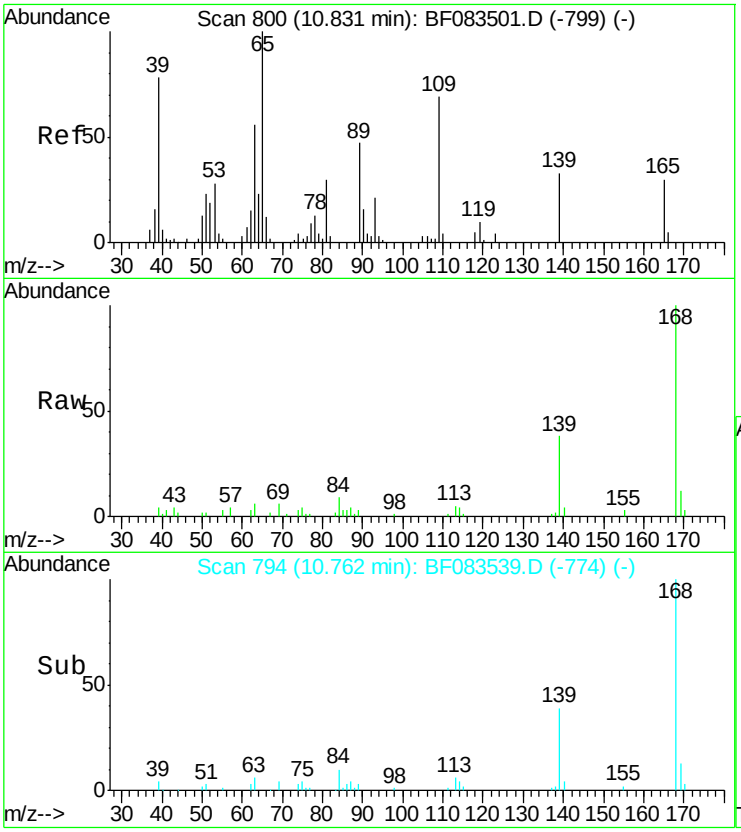


#49
Dimethylphthalate
Concen: 22.05 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion:163 Resp: 615194

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.0	8.6	13.0



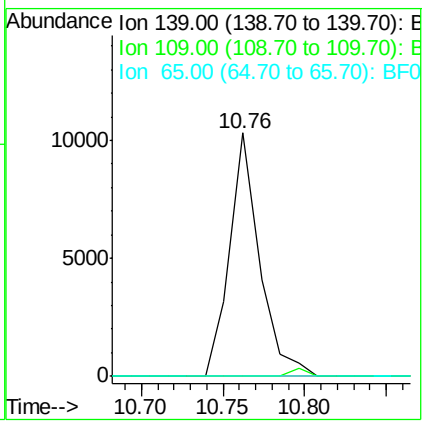


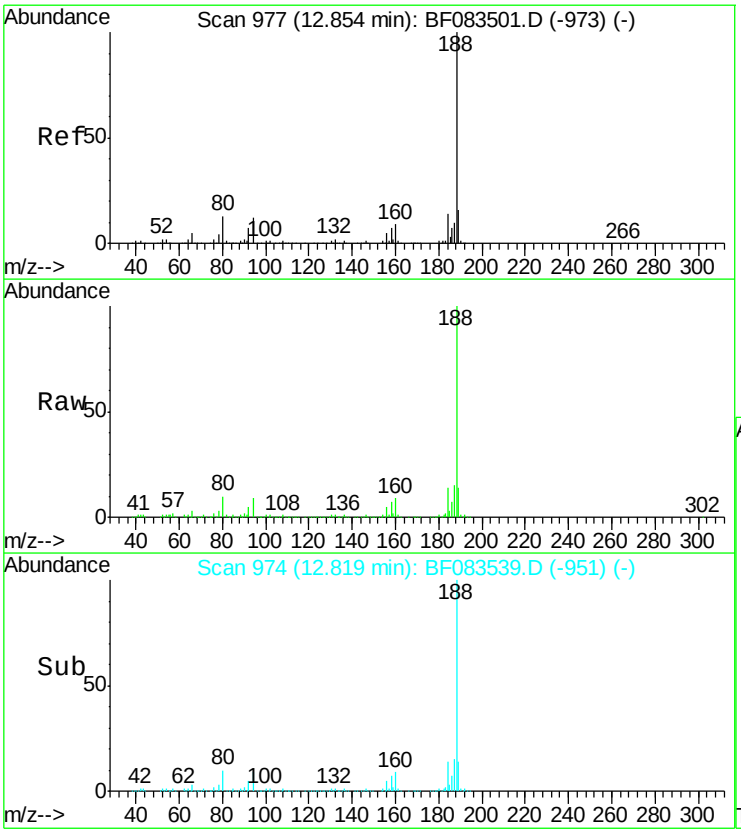
#55
4-Nitrophenol
Concen: 3.67 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.07 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion:139 Resp: 13104

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.0	82.0#
65	0.0	89.2	129.2#

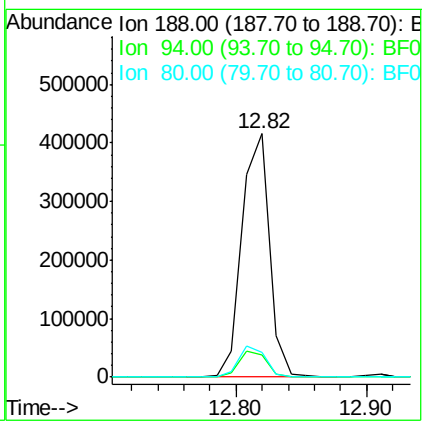


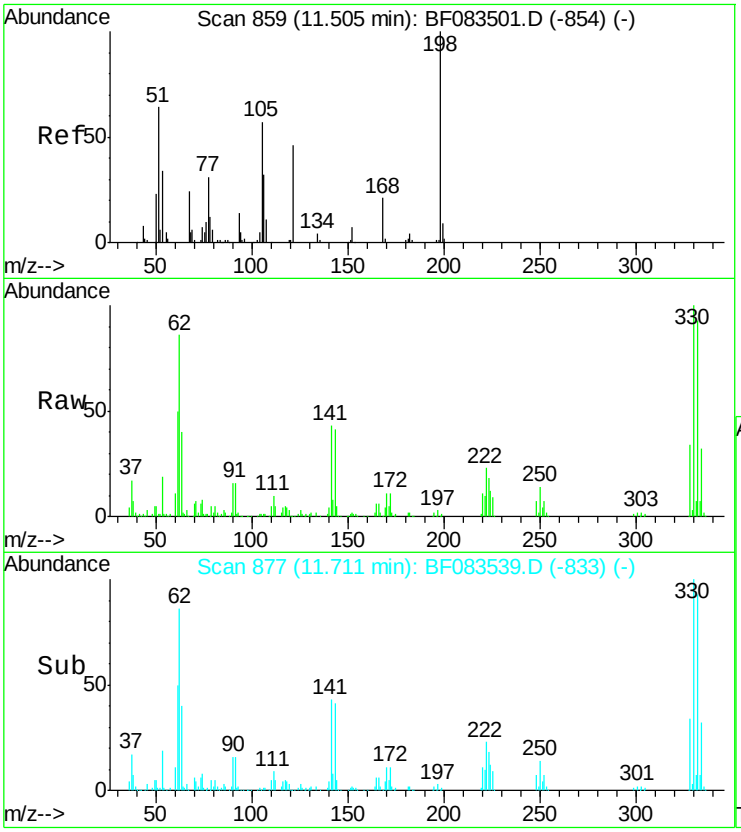


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion:188 Resp: 610802

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.4	14.2#
80	10.4	10.6	16.0#



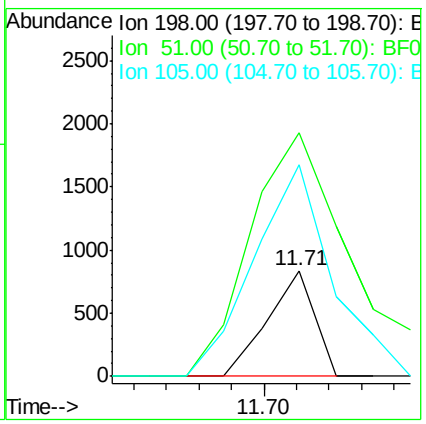


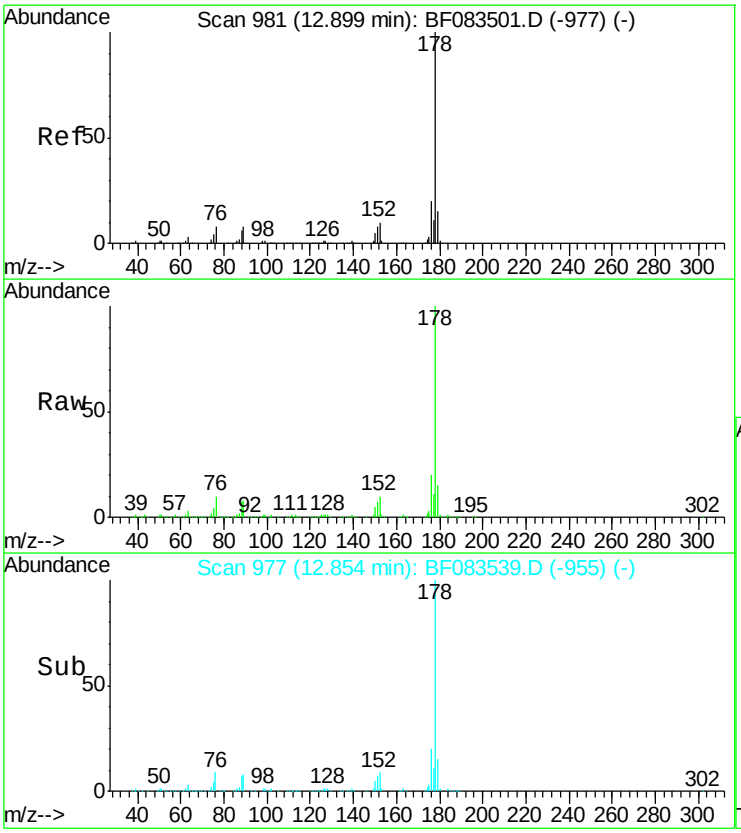
#64
4,6-Dinitro-2-methylphenol
Concen: 3.67 ng
RT: 11.71 min Scan# 877
Delta R.T. 0.21 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion:198 Resp: 835

Ion	Ratio	Lower	Upper
198	100		
51	230.3	53.8	93.8#
105	200.5	38.6	78.6#

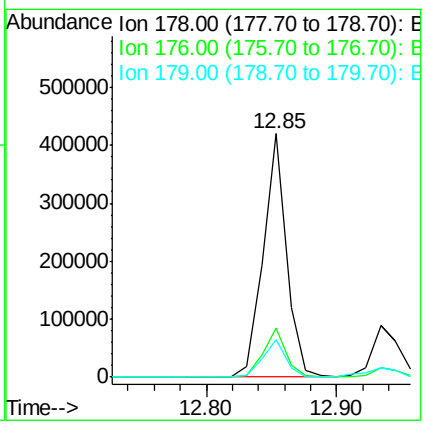


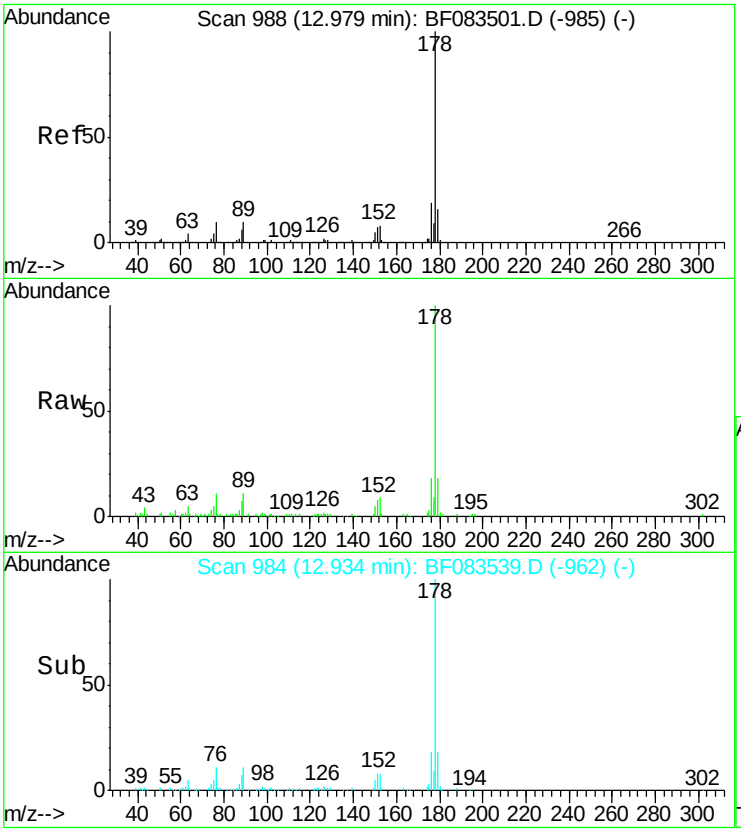


#70
Phenanthrene
Concen: 14.88 ng
RT: 12.85 min Scan# 977
Delta R.T. -0.05 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion:178 Resp: 529096

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.3	12.2	18.4



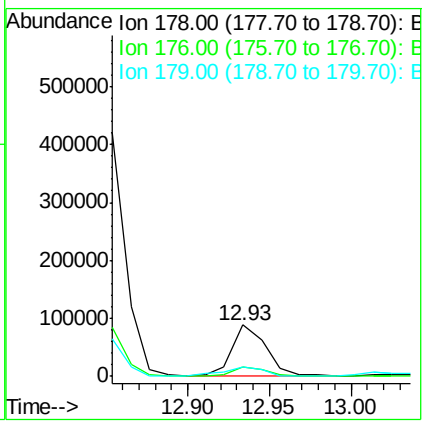


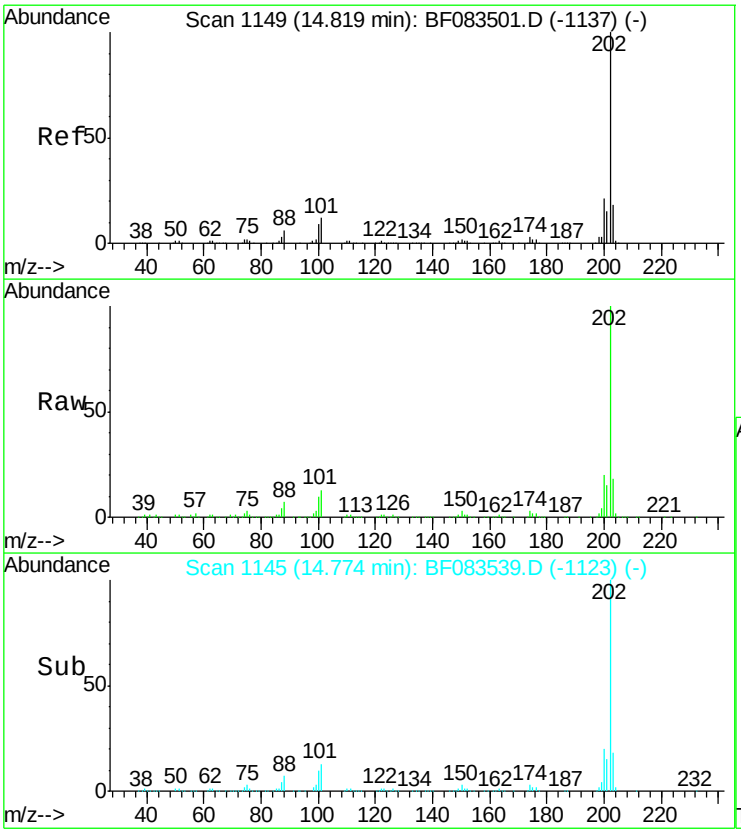
#71
Anthracene
Concen: 3.48 ng
RT: 12.93 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion:178 Resp: 126031

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.2	22.8
179	17.7	12.6	18.8

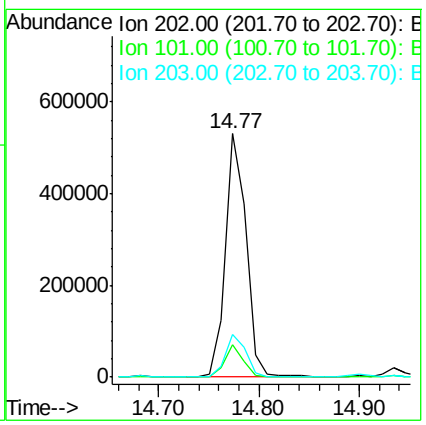


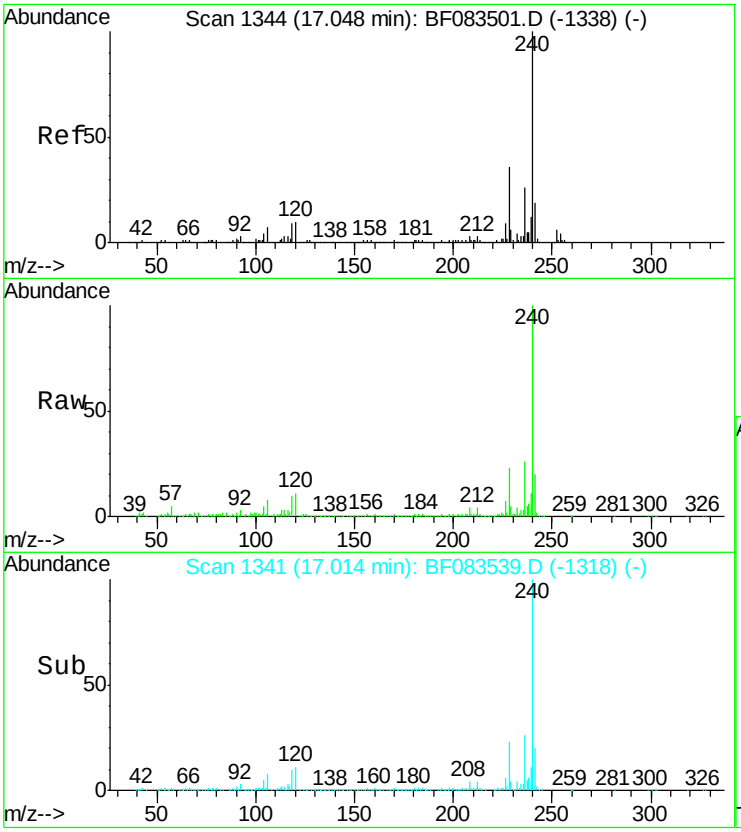


#74
Fluoranthene
Concen: 21.49 ng
RT: 14.77 min Scan# 1145
Delta R.T. -0.05 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion:202 Resp: 757237

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.5
203	17.7	0.0	37.6



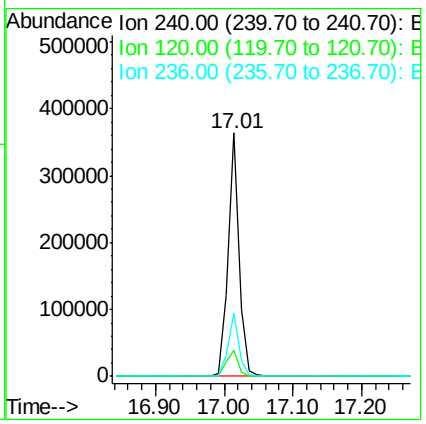


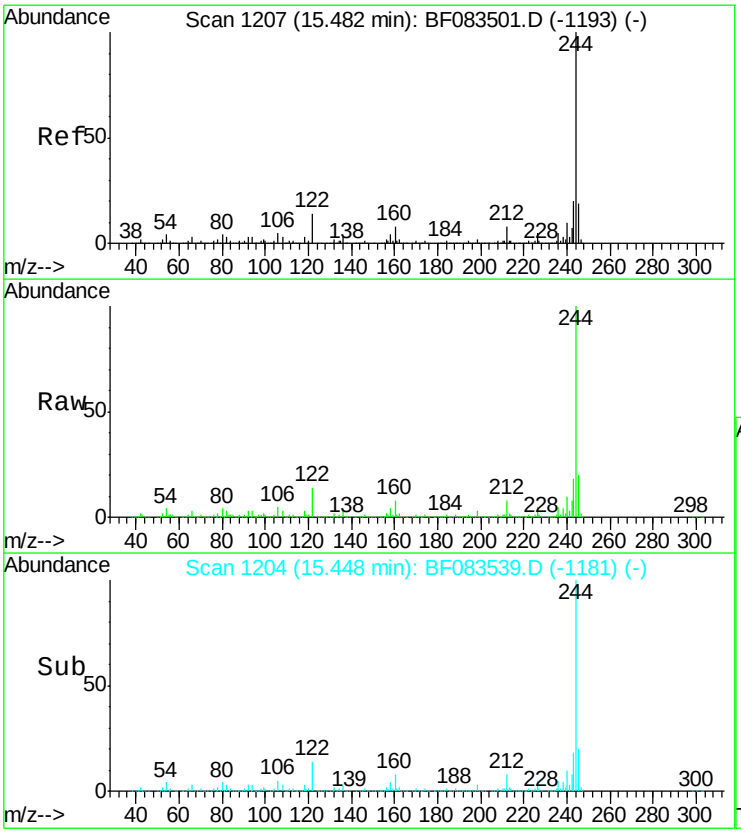
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion:240 Resp: 418373

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	25.8	20.8	31.2

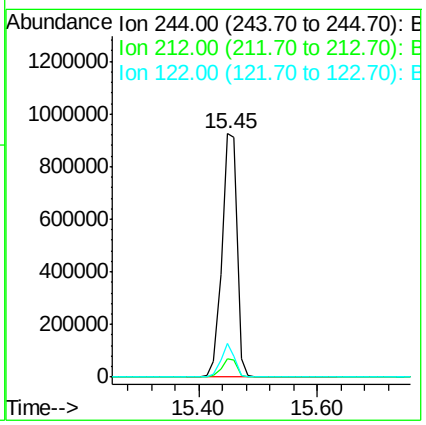


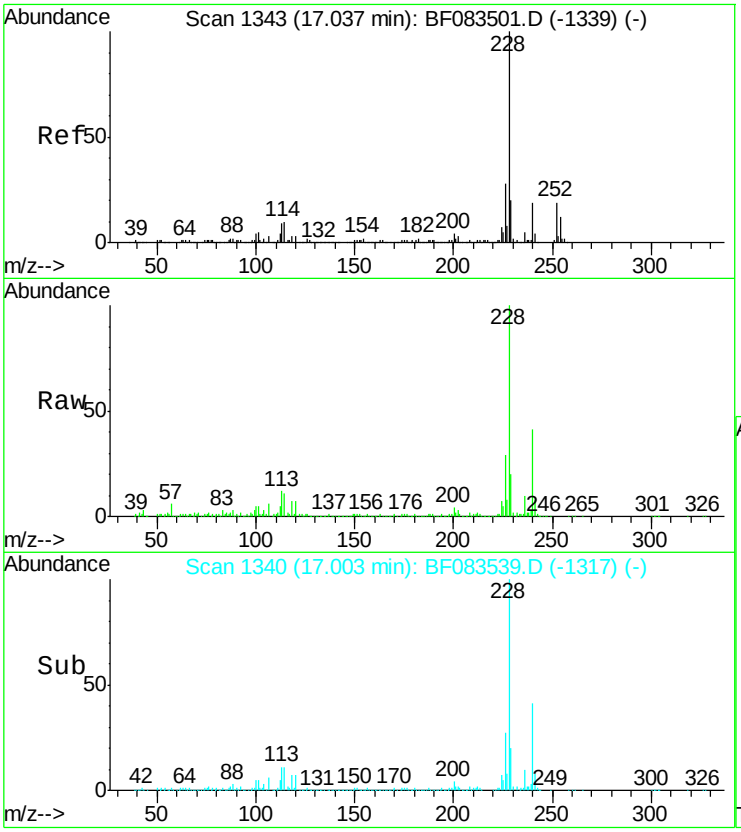


#78
Terphenyl-d14
Concen: 87.07 ng
RT: 15.45 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion:244 Resp: 1637080

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	14.0	11.0	16.6



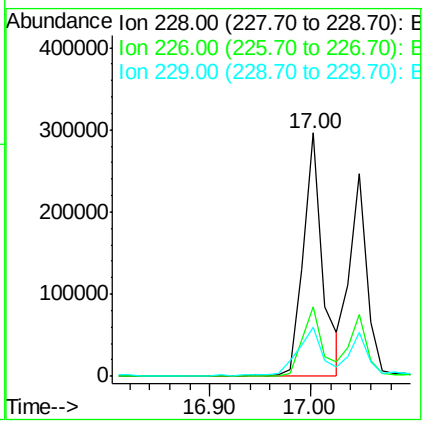


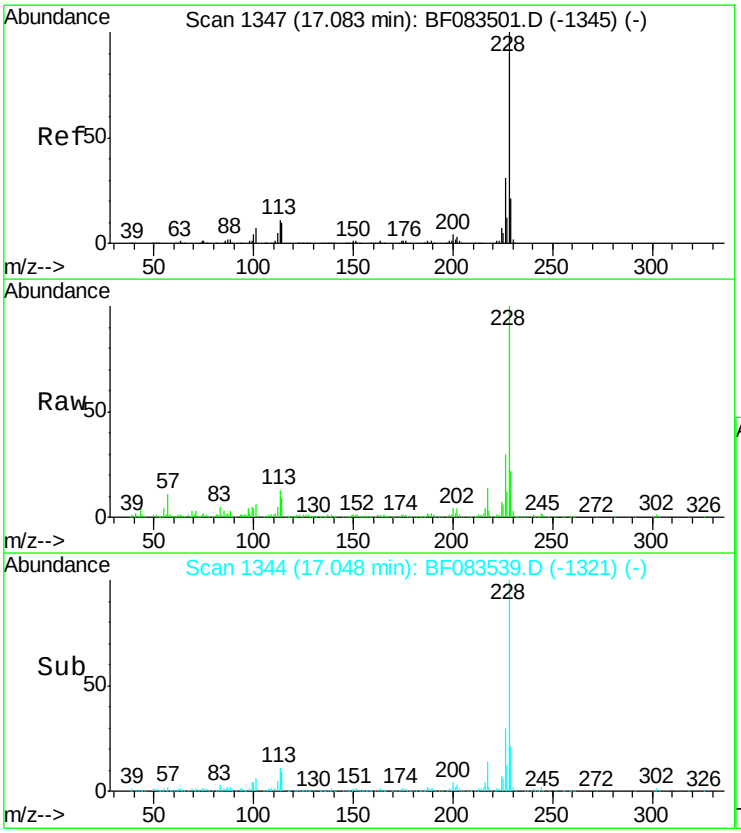
#80
Benzo(a)anthracene
Concen: 16.10 ng
RT: 17.00 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion:228 Resp: 394107

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	20.3	15.7	23.5

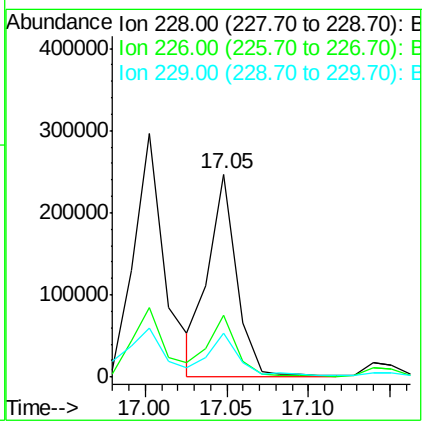


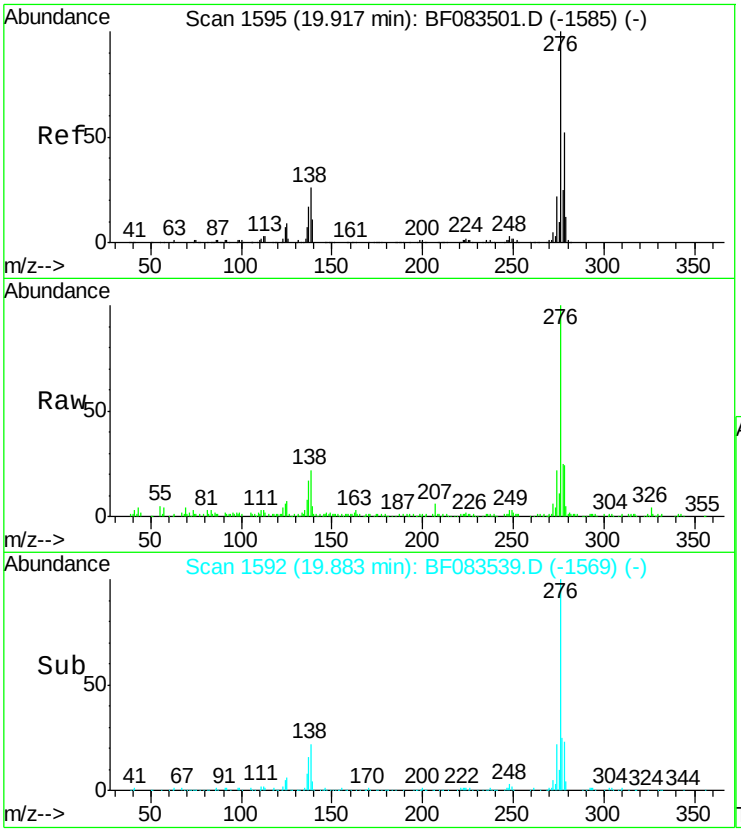


#82
Chrysene
Concen: 12.18 ng
RT: 17.05 min Scan# 1344
Delta R.T. -0.03 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion:228 Resp: 296911

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	21.6	16.3	24.5



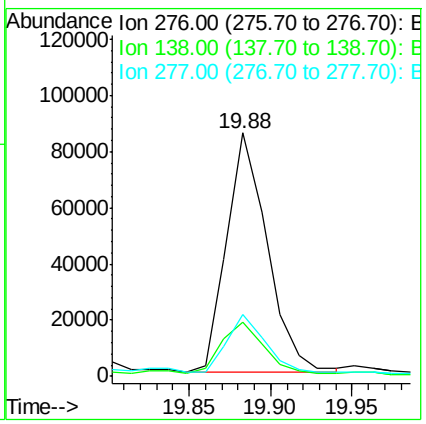


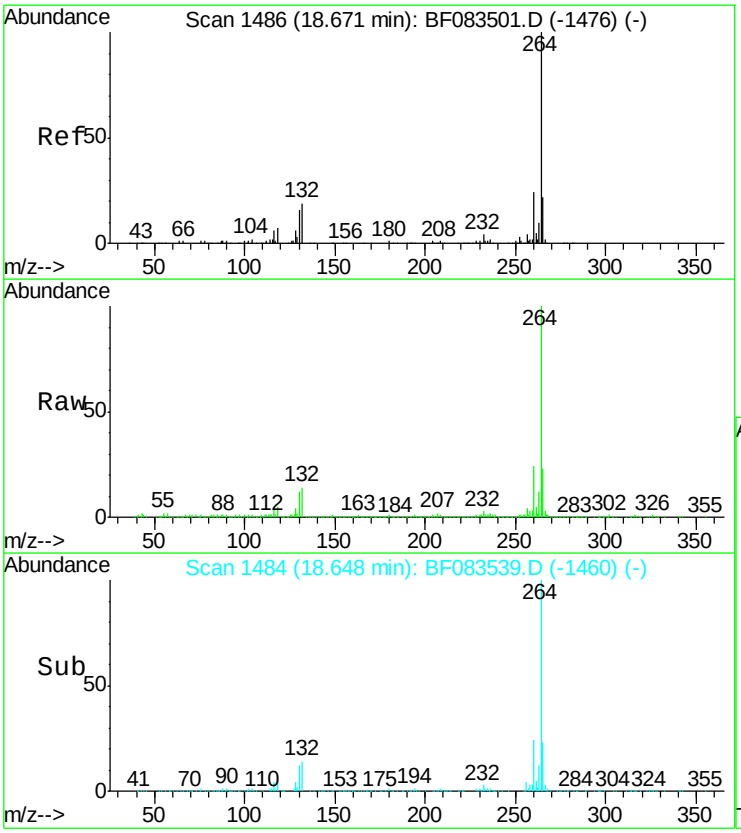
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.01 ng
RT: 19.88 min Scan# 1592
Delta R.T. -0.03 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion:276 Resp: 146626

Ion	Ratio	Lower	Upper
276	100		
138	22.8	0.0	0.0#
277	22.6	0.0	0.0#

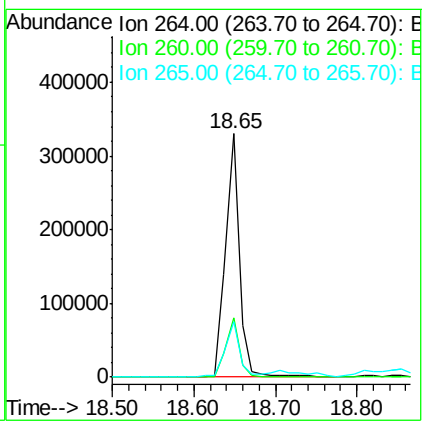


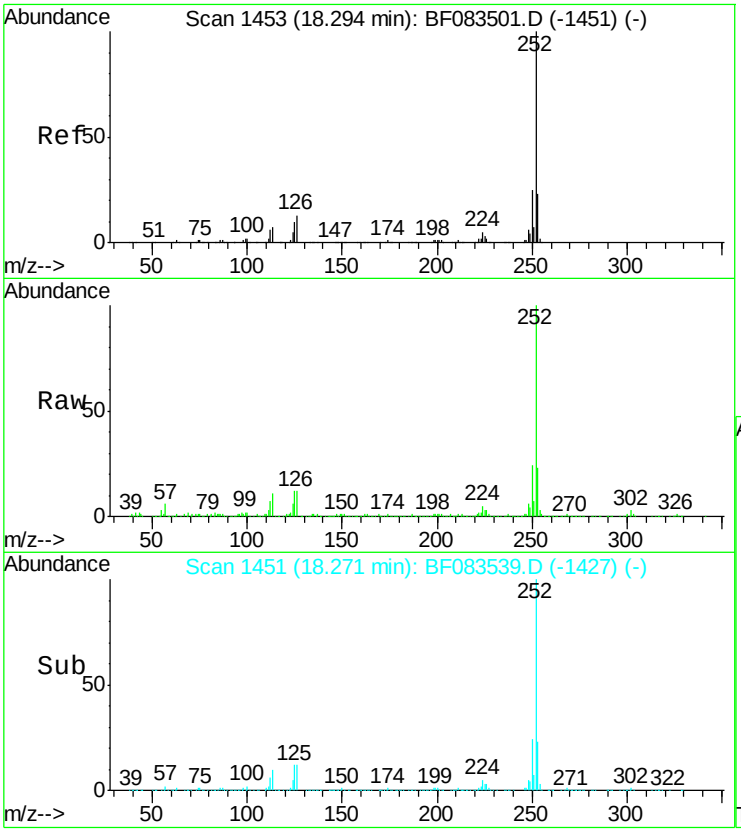


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion:264 Resp: 389673

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	22.8	17.8	26.6



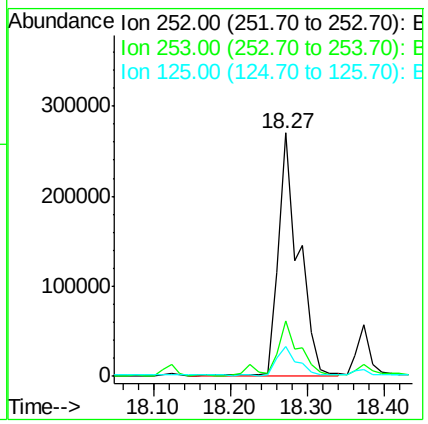


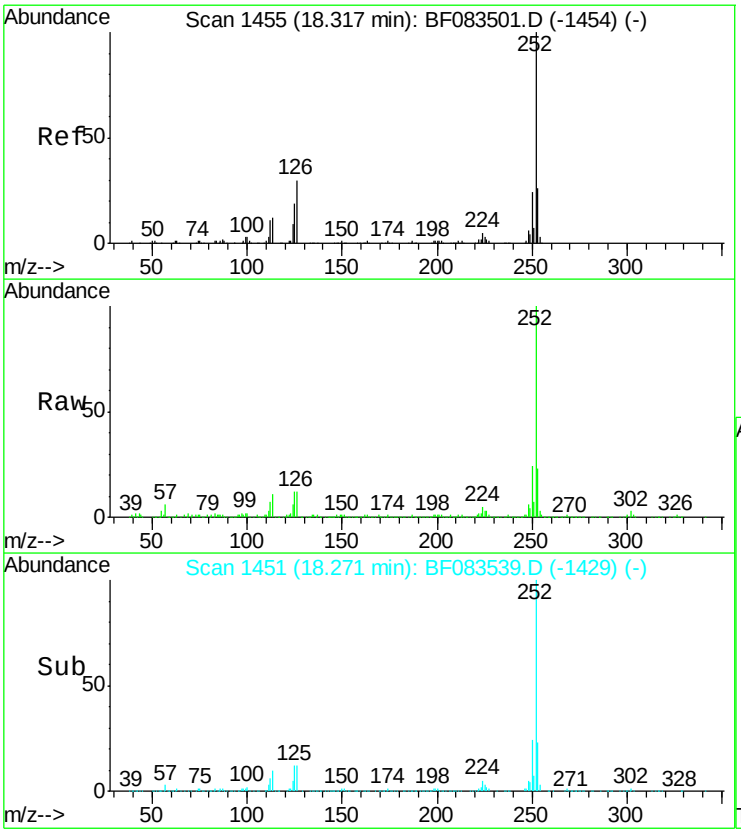
#87
Benzo(b)fluoranthene
Concen: 22.71 ng
RT: 18.27 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion:252 Resp: 496974

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	12.1	8.2	12.4

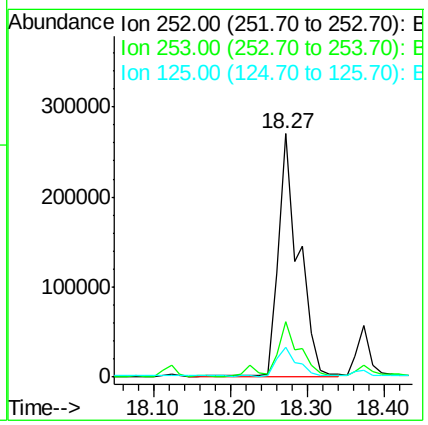


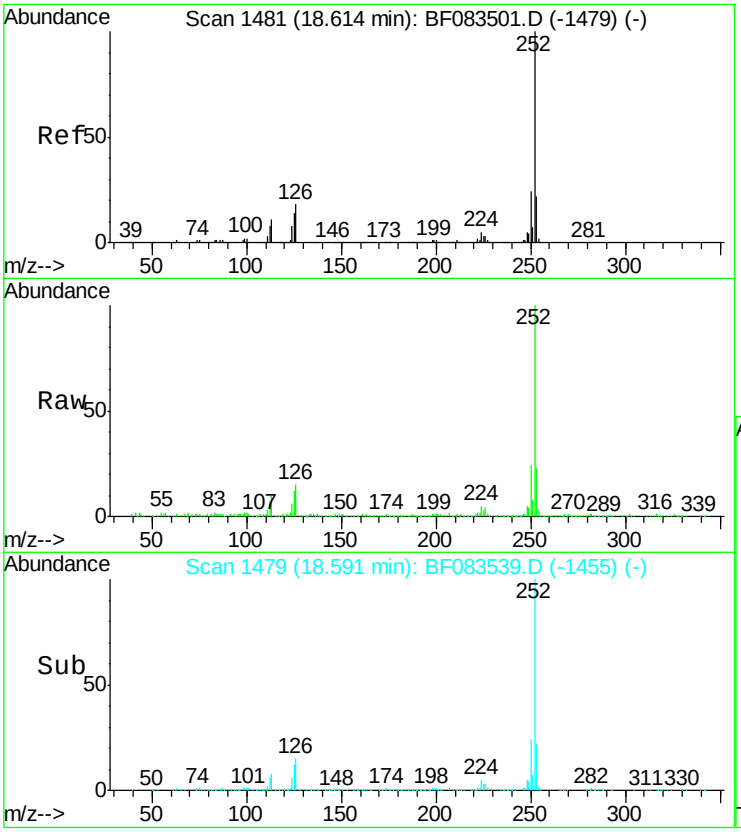


#88
Benzo(k)fluoranthene
Concen: 22.17 ng
RT: 18.27 min Scan# 1451
Delta R.T. -0.05 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion:252 Resp: 496974

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	12.1	11.5	17.3



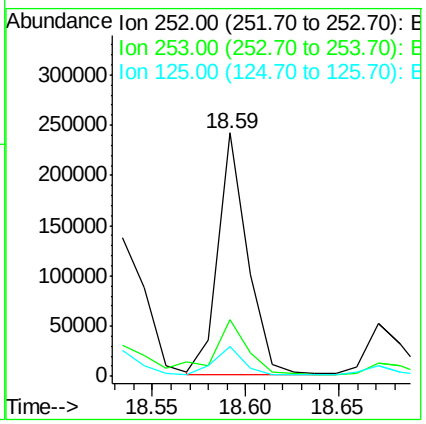


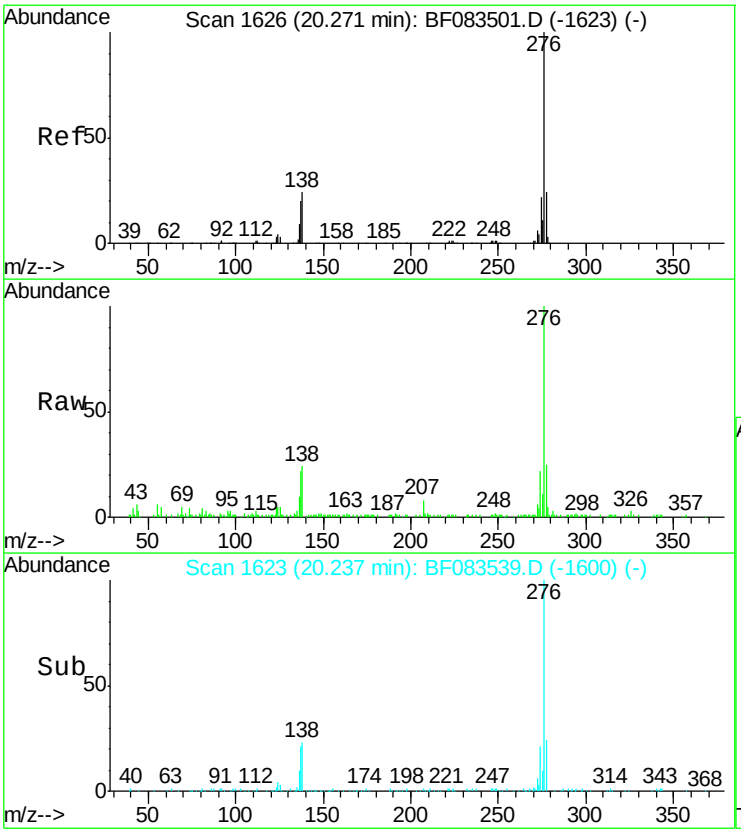
#89
Benzo(a)pyrene
Concen: 12.65 ng
RT: 18.59 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Instrument :
BNA_G
ClientSampleId :
S25-15.5

Tgt Ion:252 Resp: 269222

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	12.4	11.0	16.6





#91
Benzo(g,h,i)perylene
Concen: 6.56 ng
RT: 20.24 min Scan# 1623
Delta R.T. -0.03 min
Lab File: BF083539.D
Acq: 7 Dec 2015 2:47

Tgt Ion:276 Resp: 135359

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	23.8	19.5	29.3