Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083633.D
Acq On : 9 Dec 2015 10:38
Operator : UM/IZ
Sample : G4594-01DL 2X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K204-0-2DL

Quant Time: Dec 09 11:19:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	140914	20.00	ng		0.00
21) Naphthalene-d8	7.61	136	519169	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	231734	20.00	ng		0.01
63) Phenanthrene-d10	12.80	188	354976	20.00	ng		0.01
75) Chrysene-d12	17.00	240	259991	20.00	ng		0.01
86) Perylene-d12	18.65	264	186091	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.98	112	538209	57.93	ng		0.01
7) Phenol-d6	5.29	99	771659	62.16	ng		0.01
23) Nitrobenzene-d5	6.53	82	443499	39.86	ng		0.00
41) 2,4,6-Tribromophenol	11.69	330	108245	52.43	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	634813	38.55	ng		0.00
78) Terphenyl-d14	15.43	244	398561	36.07	ng		0.01
Target Compounds							Qvalue
3) Pyridine	2.24	79	53487	4.80	ng	#	36
9) Benzaldehyde	5.05	77	18218	2.63	ng	#	56
18) Hexachloroethane	6.38	117	10111	2.46	ng	#	20
19) n-Nitroso-di-n-propylamine	6.53	70	56080	6.47	ng	#	78
31) Naphthalene	7.64	128	131231	4.77	ng		97
32) Benzoic acid	7.48	122	3936	3.71	ng	#	1
37) 2-Methylnaphthalene	8.74	142	44863	2.60	ng	#	90
48) Acenaphthylene	10.17	152	412337	16.44	ng		99
49) Dimethylphthalate	10.03	163	156566	8.49	ng		100
53) 2,4-Dinitrophenol	10.80	184	267	5.74	ng	#	1
55) 4-Nitrophenol	10.74	139	13036	7.32	ng	#	39
64) 4,6-Dinitro-2-methylphenol	11.71	198	316	2.07	ng	#	1
70) Phenanthrene	12.83	178	421838	20.68	ng		99
71) Anthracene	12.91	178	208821	9.88	ng		99
74) Fluoranthene	14.76	202	892861	42.79	ng		99
77) Pyrene	15.12	202	1089459	58.20	ng		96
80) Benzo(a)anthracene	17.04	228	543491	35.72	ng		95
82) Chrysene	17.04	228	548393	35.95	ng		99
85) Indeno(1,2,3-cd)pyrene	19.89	276	224348	21.79	ng	#	100
87) Benzo(b)fluoranthene	18.27	252	648578	61.20	ng		98
88) Benzo(k)fluoranthene	18.27	252	648578	55.55	ng		97
89) Benzo(a)pyrene	18.59	252	342632	33.13	ng		96
90) Dibenzo(a,h)anthracene	19.89	278	46558	5.89	ng	#	78
91) Benzo(g,h,i)perylene	20.26	276	226956	29.44	ng		95

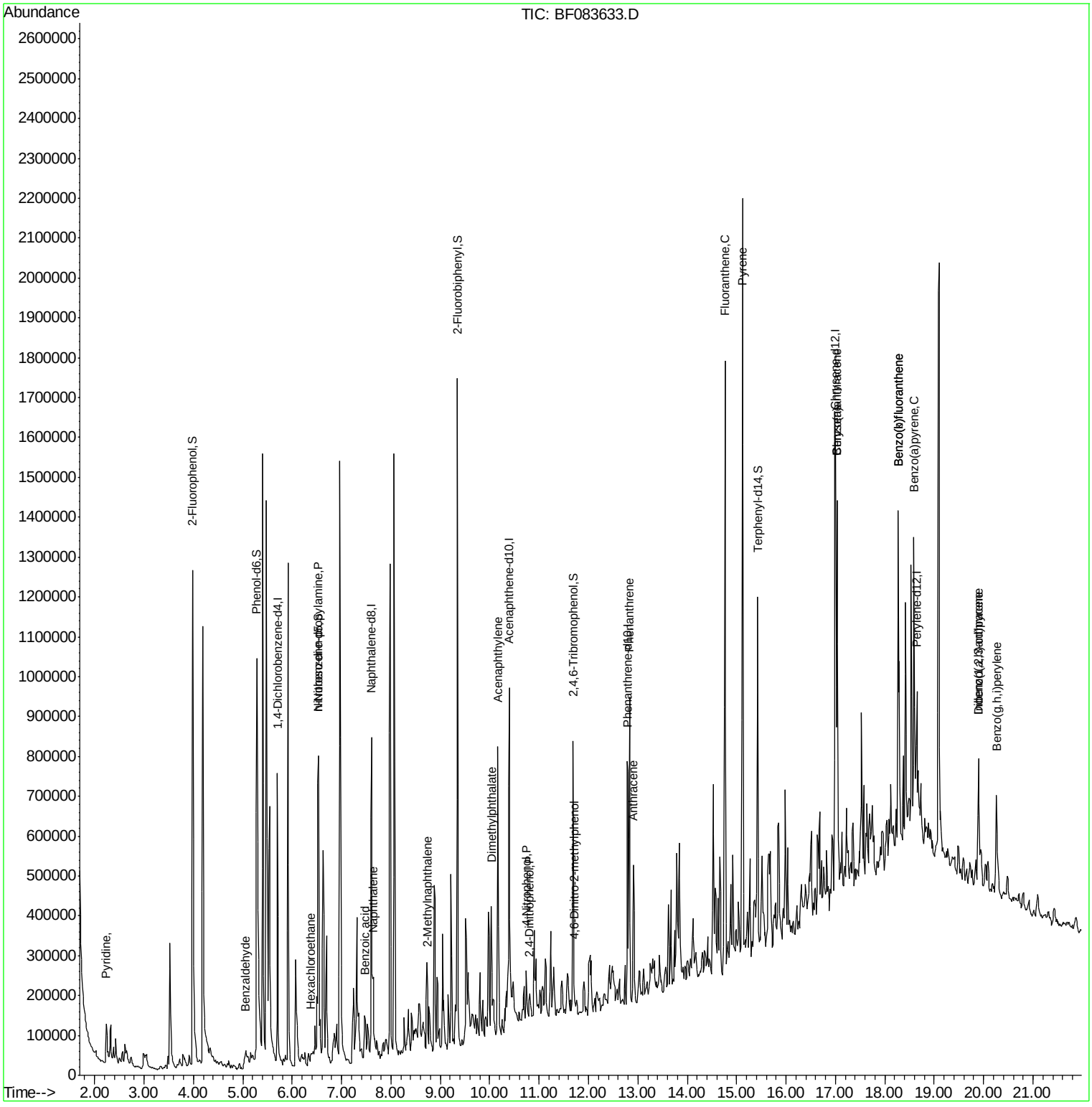
(#) = qualifier out of range (m) = manual integration (+) = signals summed

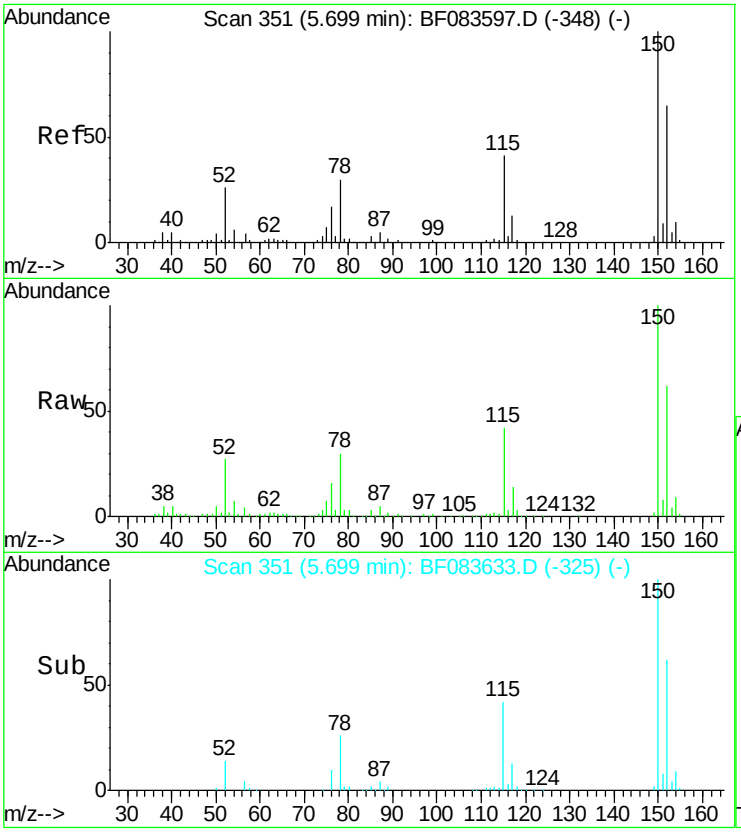
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083633.D
Acq On : 9 Dec 2015 10:38
Operator : UM/IZ
Sample : G4594-01DL 2X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K204-0-2DL

Quant Time: Dec 09 11:19:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration



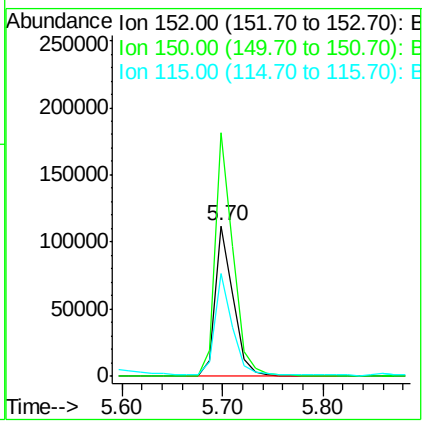


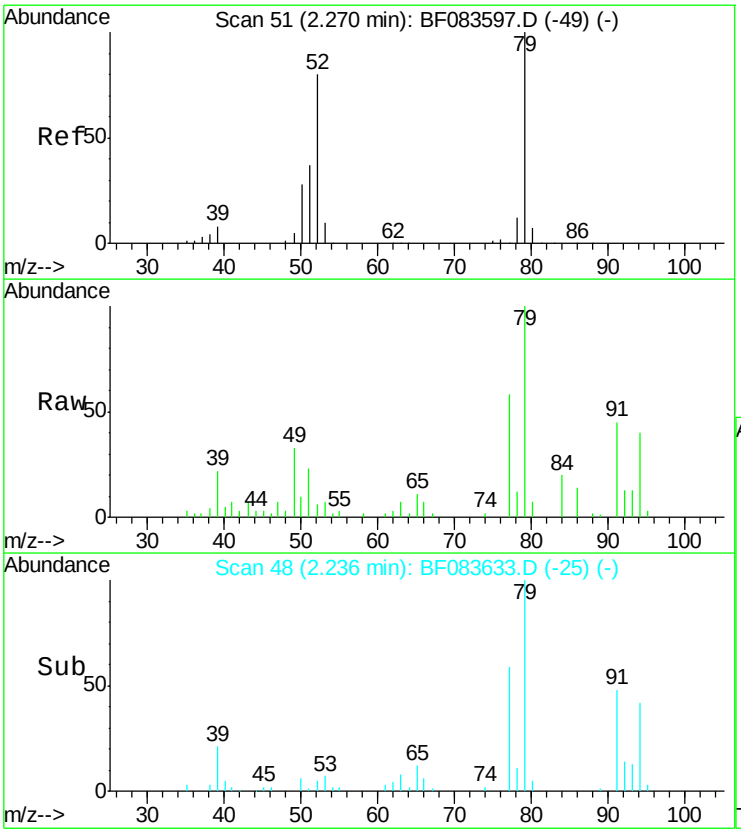
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:152 Resp: 140914

Ion	Ratio	Lower	Upper
152	100		
150	161.9	126.5	189.7
115	68.8	52.3	78.5

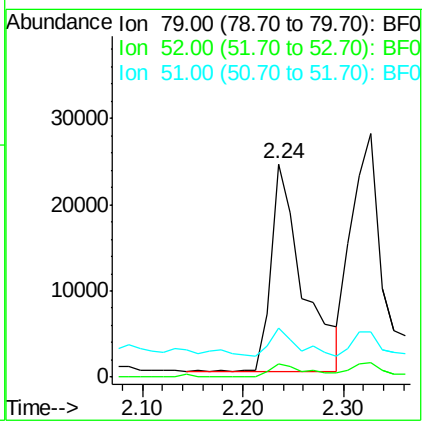


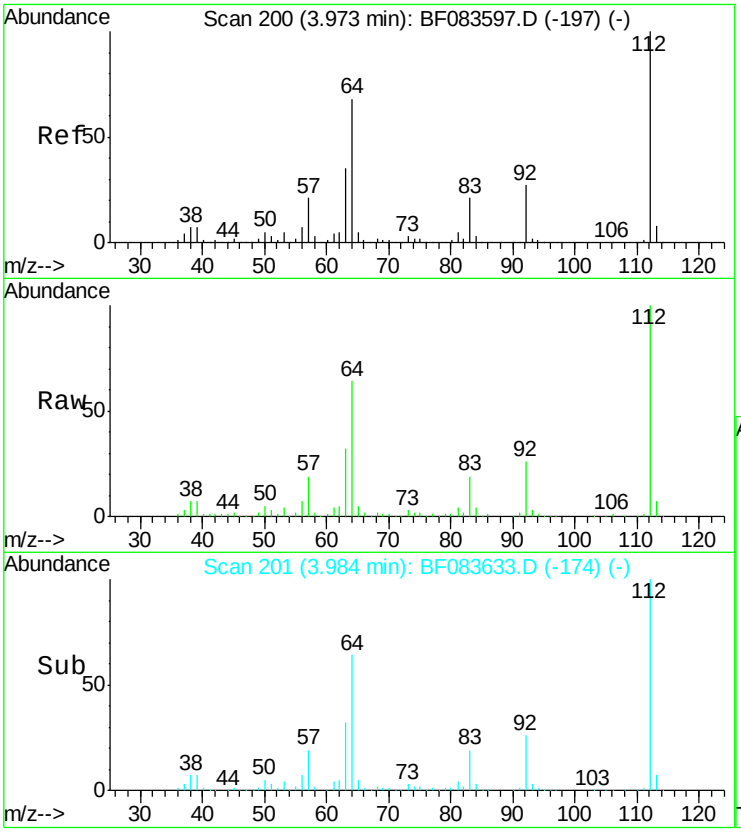


#3
Pyridine
Concen: 4.80 ng
RT: 2.24 min Scan# 48
Delta R.T. -0.03 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion: 79 Resp: 53487

Ion	Ratio	Lower	Upper
79	100		
52	6.3	63.7	95.5#
51	23.1	30.6	45.8#



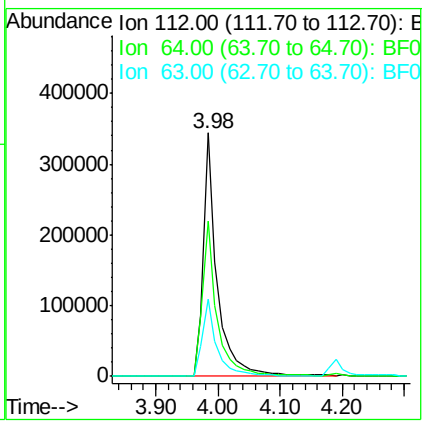


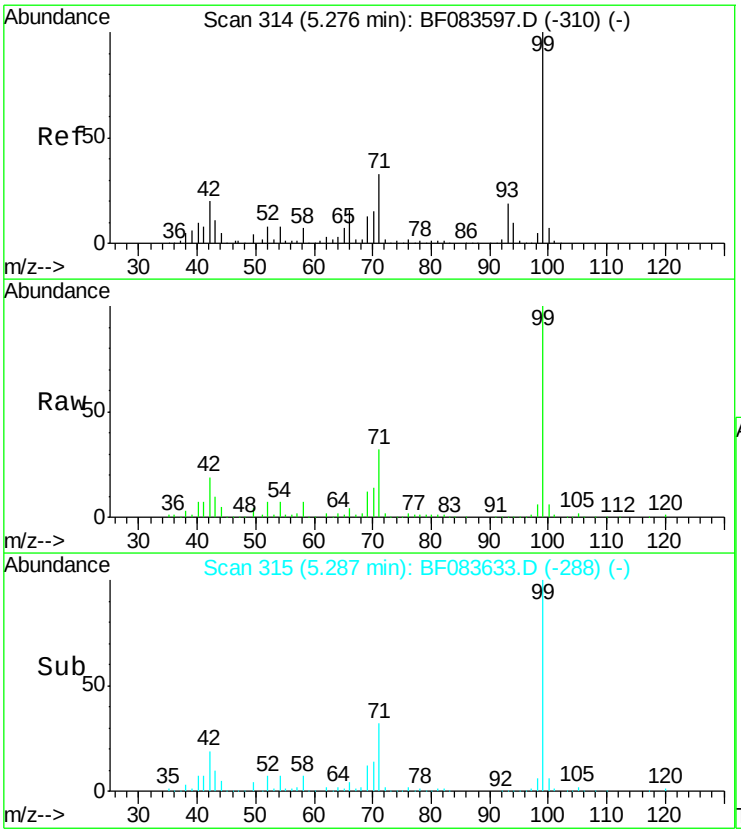
#5
2-Fluorophenol
Concen: 57.93 ng
RT: 3.98 min Scan# 201
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:112 Resp: 538209

Ion	Ratio	Lower	Upper
112	100		
64	63.6	50.5	75.7
63	31.6	25.8	38.6

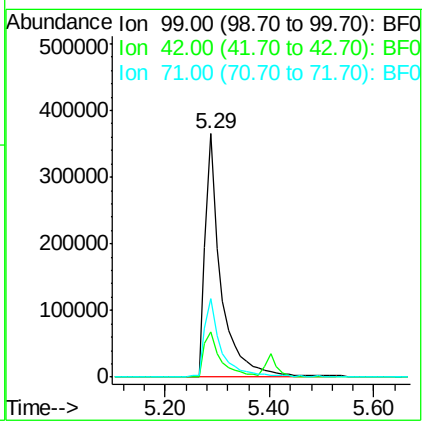


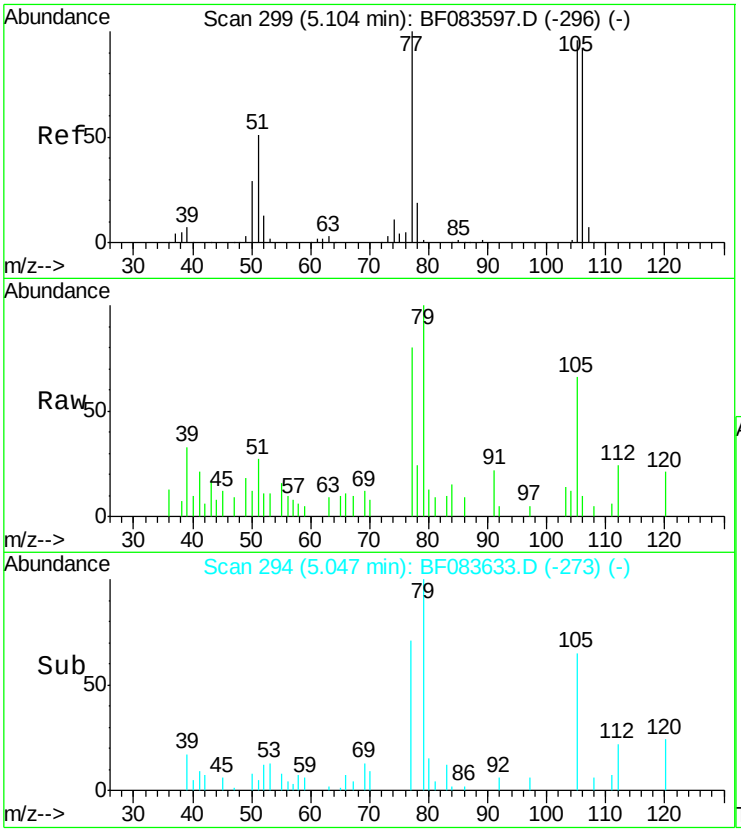


#7
Phenol-d6
Concen: 62.16 ng
RT: 5.29 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion: 99 Resp: 771659

Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.3	25.9
71	32.3	26.6	40.0



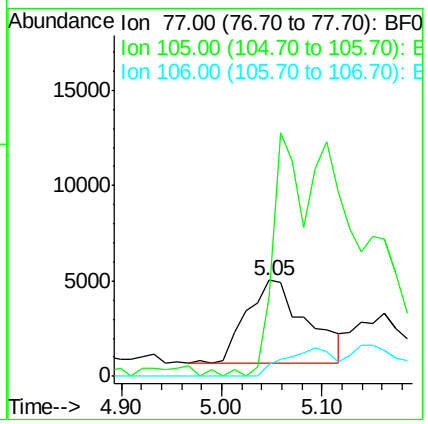


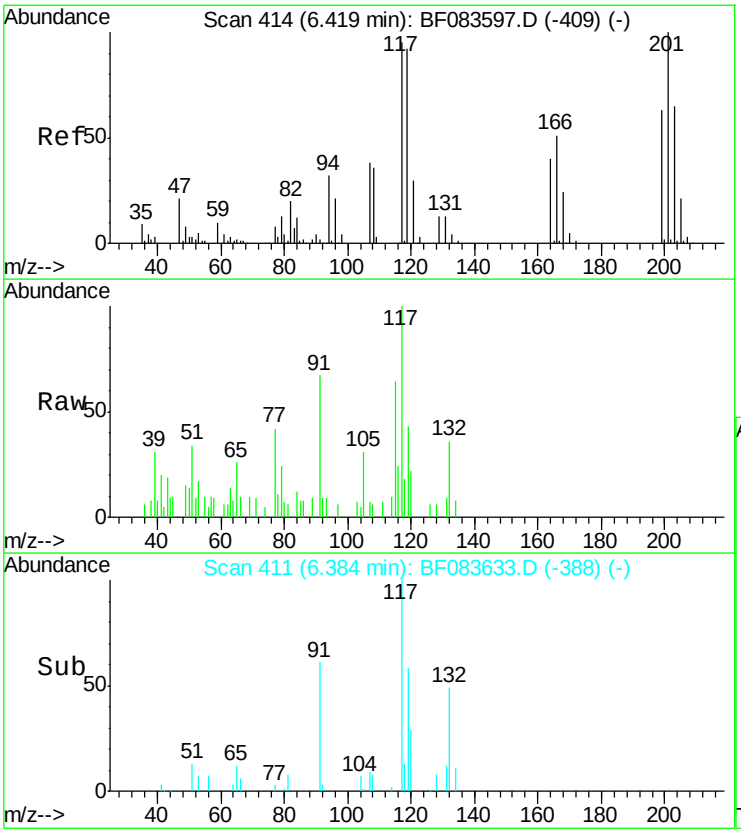
#9
Benzaldehyde
Concen: 2.63 ng
RT: 5.05 min Scan# 294
Delta R.T. -0.06 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion: 77 Resp: 18218

Ion	Ratio	Lower	Upper
77	100		
105	82.7	71.8	111.8
106	12.1	66.8	106.8#

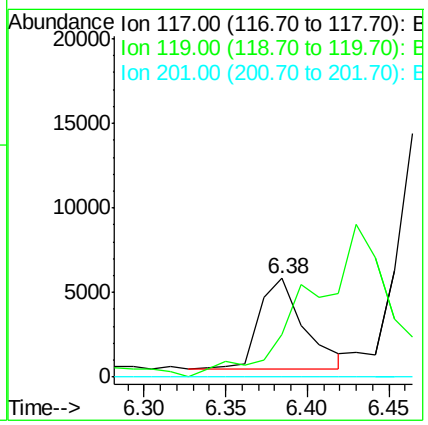


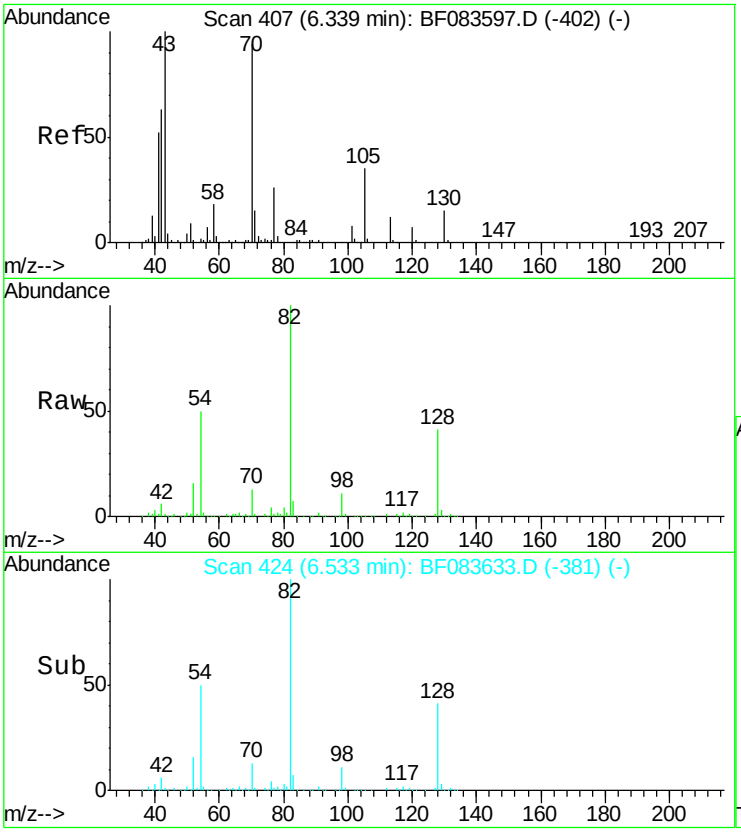


#18
Hexachloroethane
Concen: 2.46 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:117 Resp: 10111

Ion	Ratio	Lower	Upper
117	100		
119	43.3	77.2	115.8#
201	0.0	86.8	130.2#



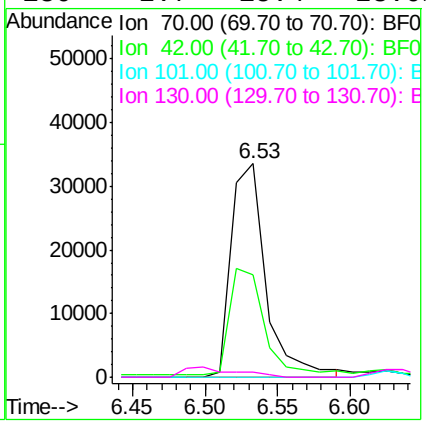


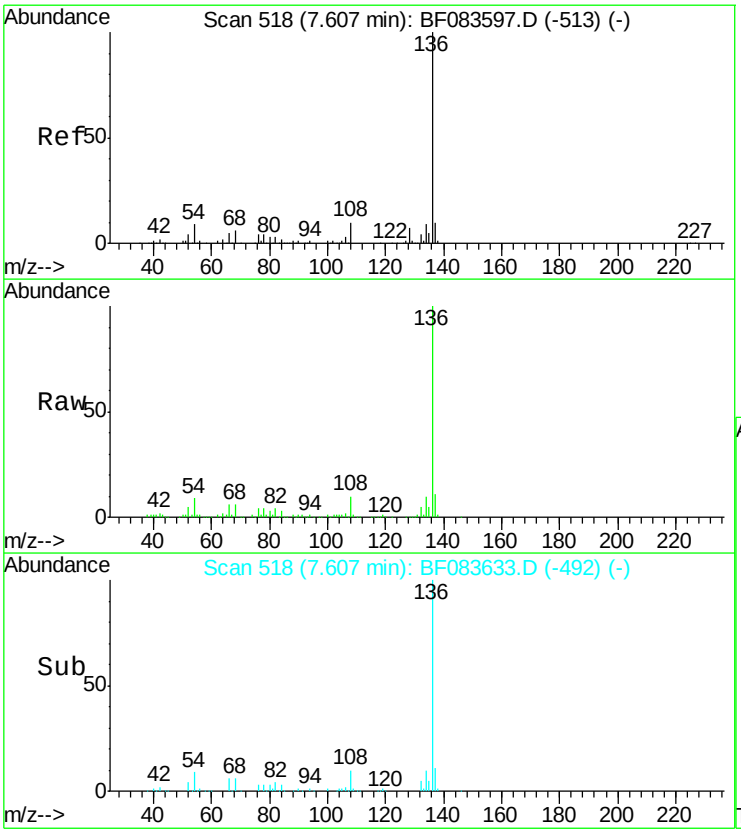
#19
n-Nitroso-di-n-propylamine
Concen: 6.47 ng
RT: 6.53 min Scan# 424
Delta R.T. 0.19 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion: 70 Resp: 56080

Ion	Ratio	Lower	Upper
70	100		
42	48.0	49.2	73.8#
101	0.0	7.1	10.7#
130	2.7	15.4	23.0#

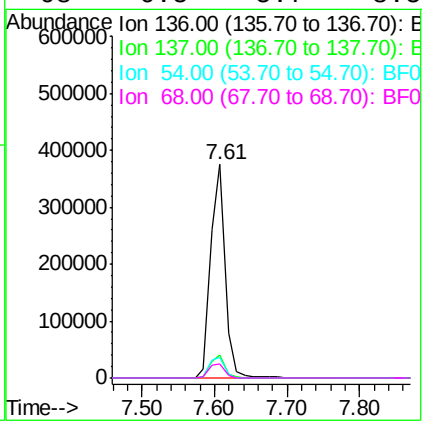


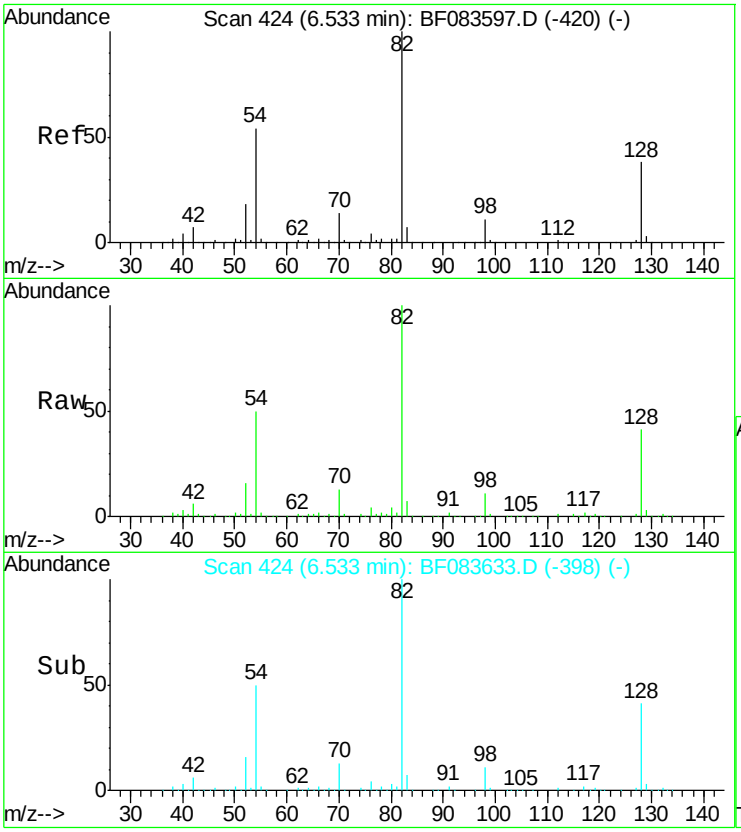


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.61 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:136 Resp: 519169

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.5	7.8	11.6
68	6.5	5.7	8.5



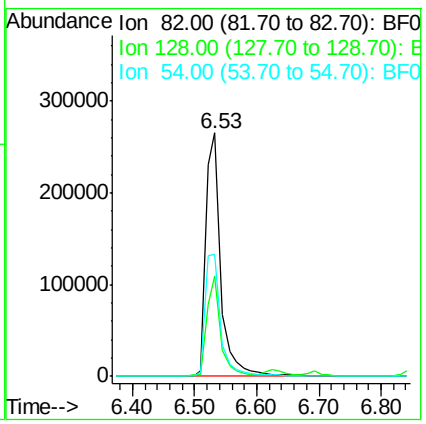


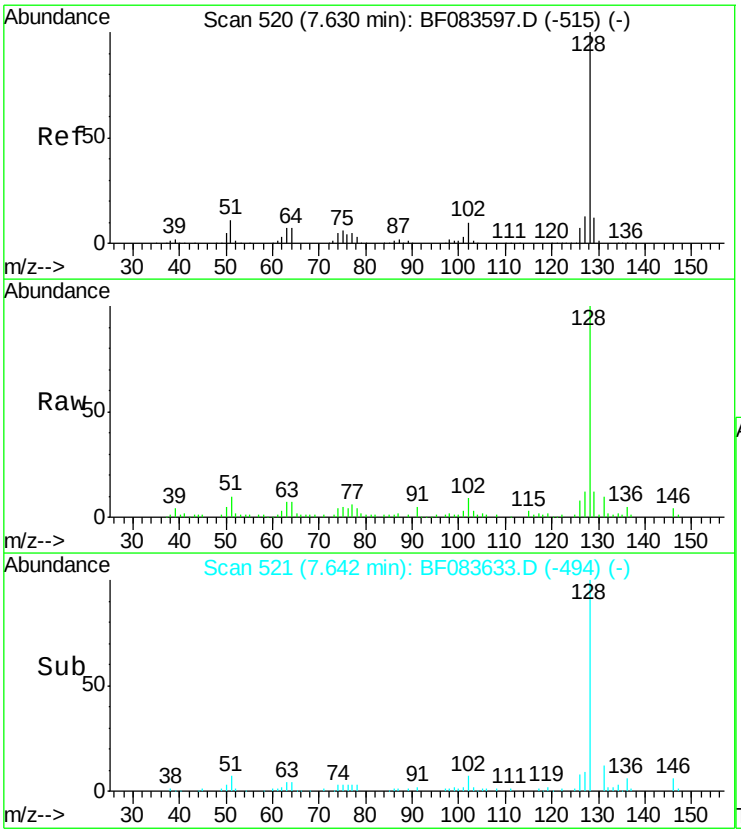
#23
Nitrobenzene-d5
Concen: 39.86 ng
RT: 6.53 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion: 82 Resp: 443499

Ion	Ratio	Lower	Upper
82	100		
128	41.0	30.7	46.1
54	50.1	42.5	63.7

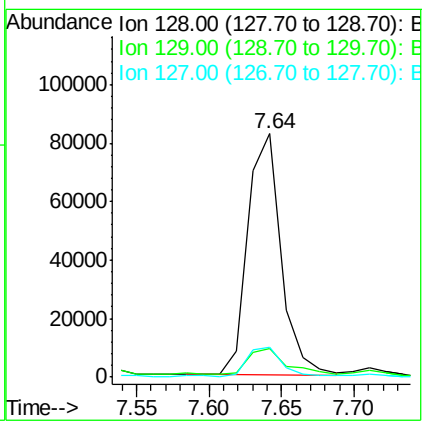


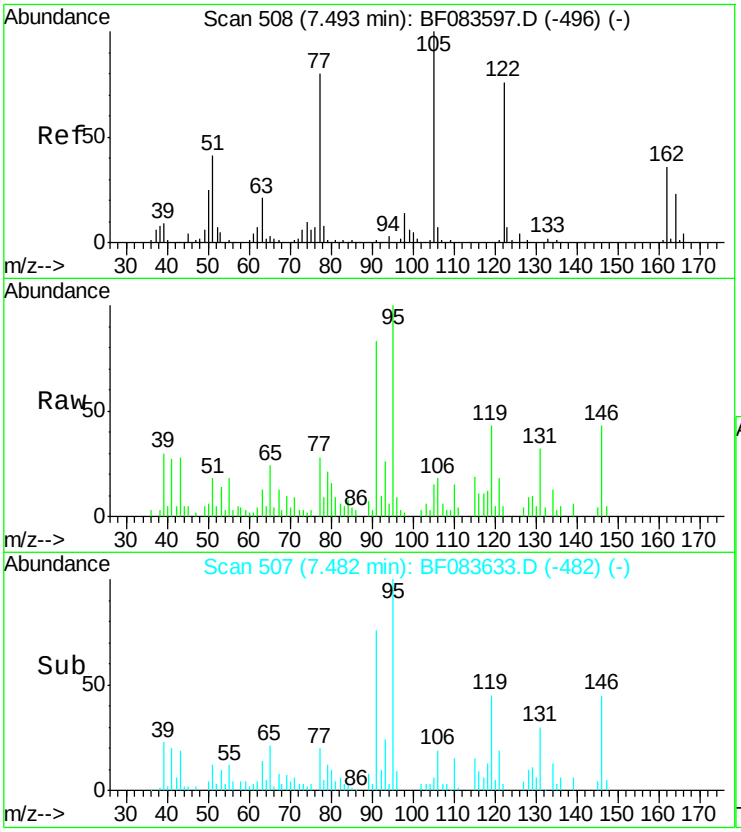


#31
Naphthalene
Concen: 4.77 ng
RT: 7.64 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:128 Resp: 131231

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	12.3	10.6	16.0



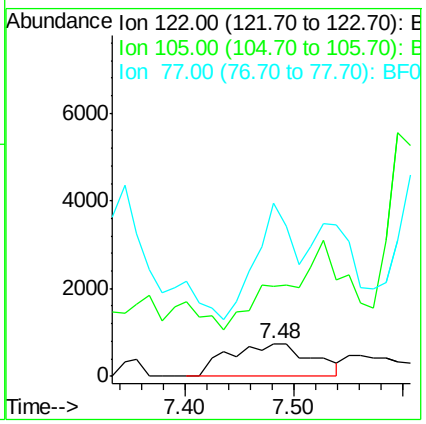


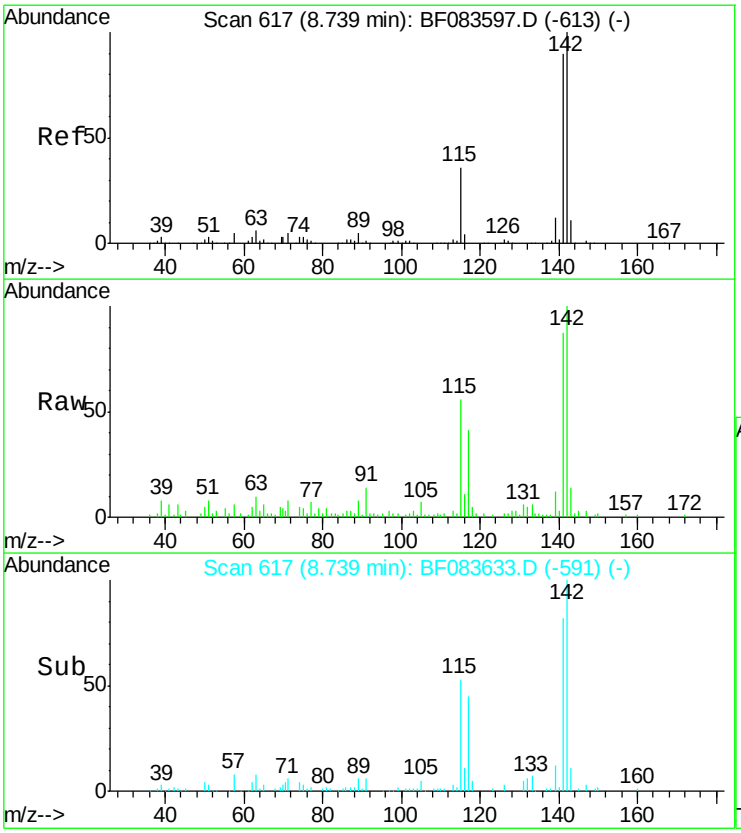
#32
Benzoic acid
Concen: 3.71 ng
RT: 7.48 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:122 Resp: 3936

Ion	Ratio	Lower	Upper
122	100		
105	278.1	105.6	145.6#
77	530.6	86.8	126.8#

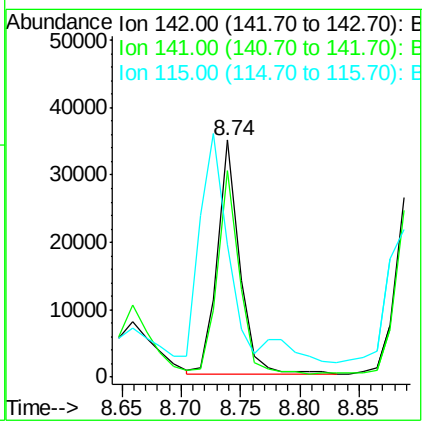


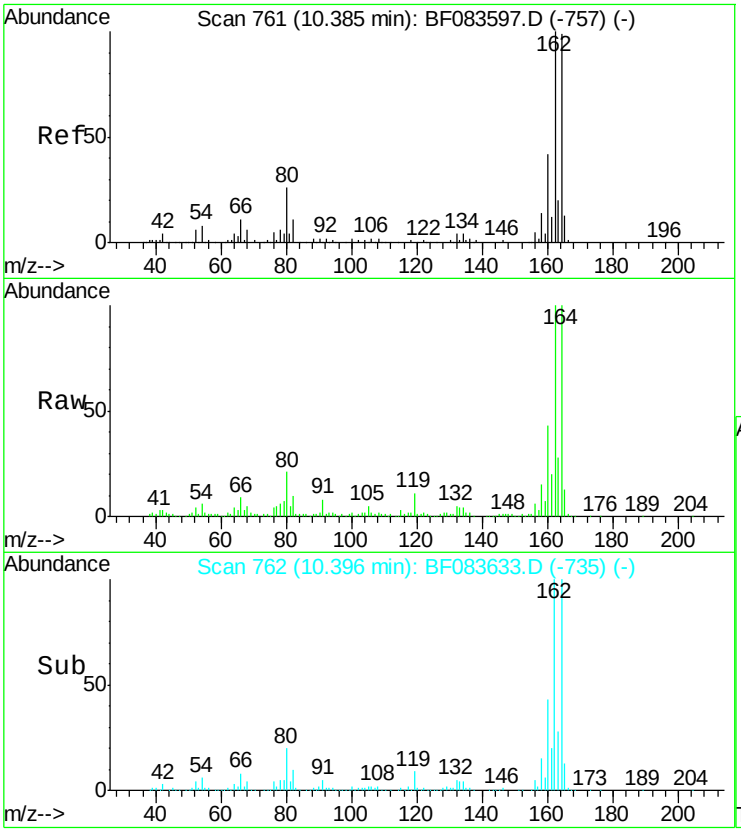


#37
2-Methylnaphthalene
Concen: 2.60 ng
RT: 8.74 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:142 Resp: 44863

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.3	105.5
115	55.8	29.2	43.8#



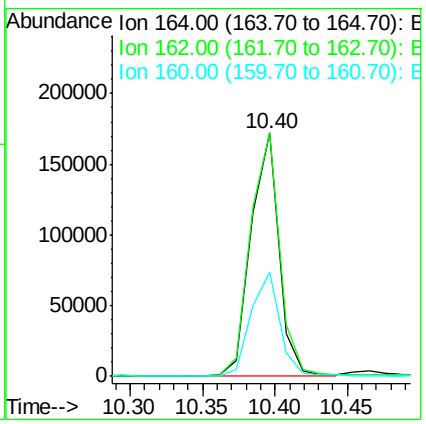


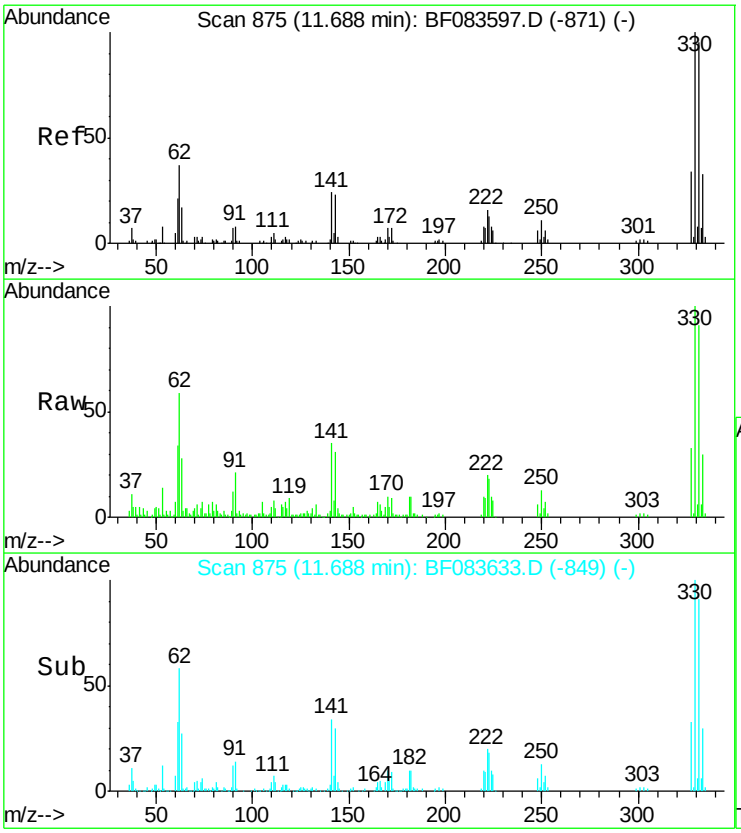
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.40 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:164 Resp: 231734

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.8	118.2
160	42.9	33.4	50.2

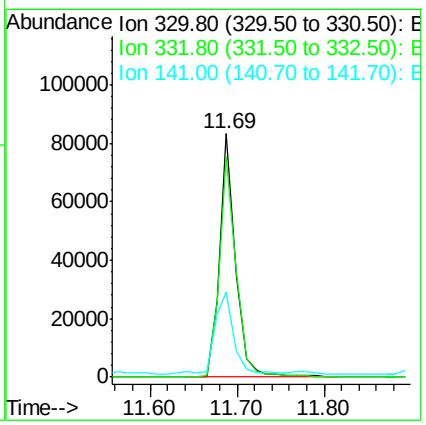


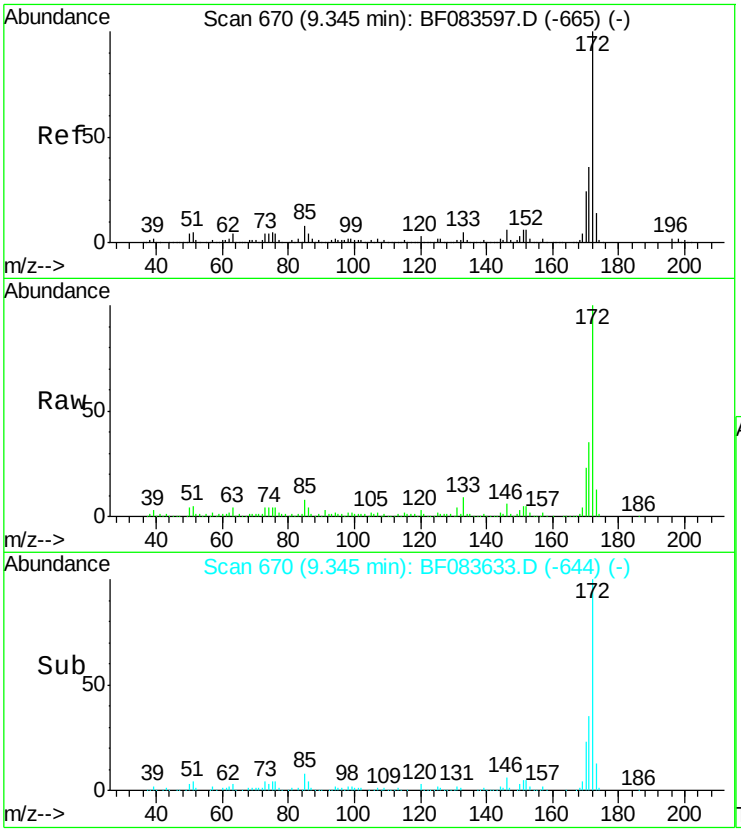


#41
2,4,6-Tribromophenol
Concen: 52.43 ng
RT: 11.69 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:330 Resp: 108245

Ion	Ratio	Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	40.4	0.0	0.0#



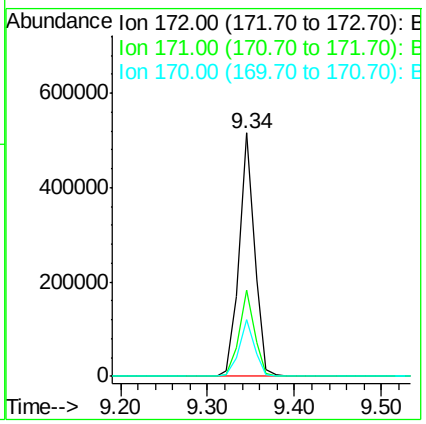


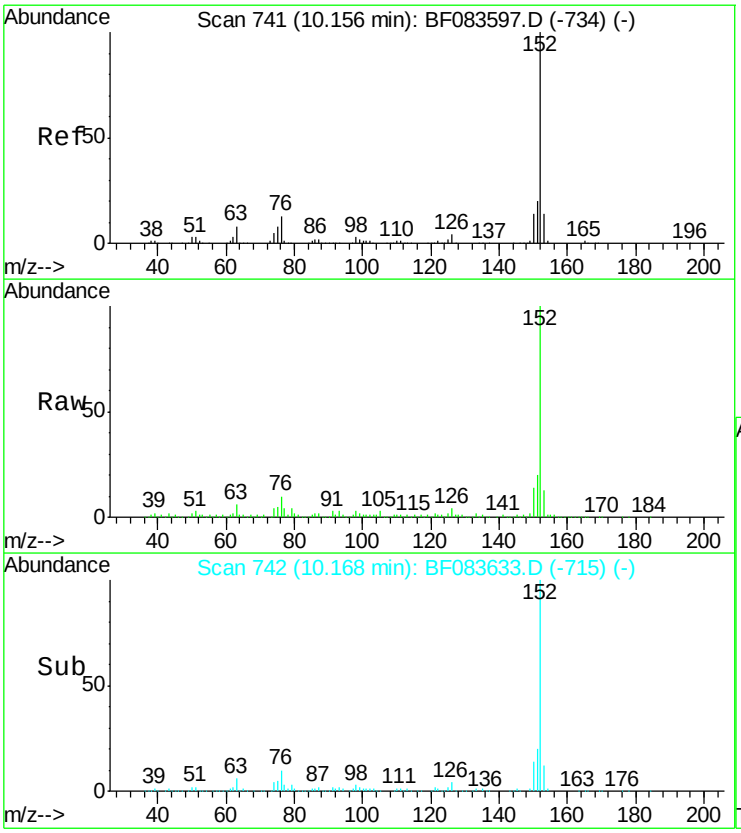
#44
2-Fluorobiphenyl
Concen: 38.55 ng
RT: 9.34 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:172 Resp: 634813

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.2	19.4	29.0

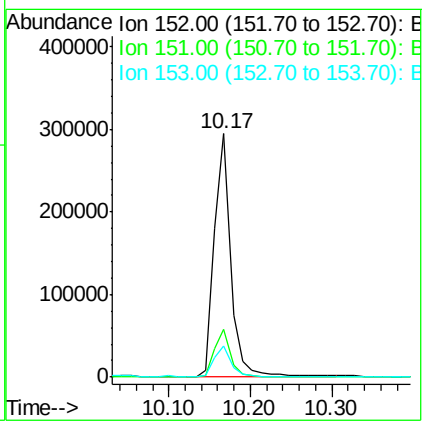


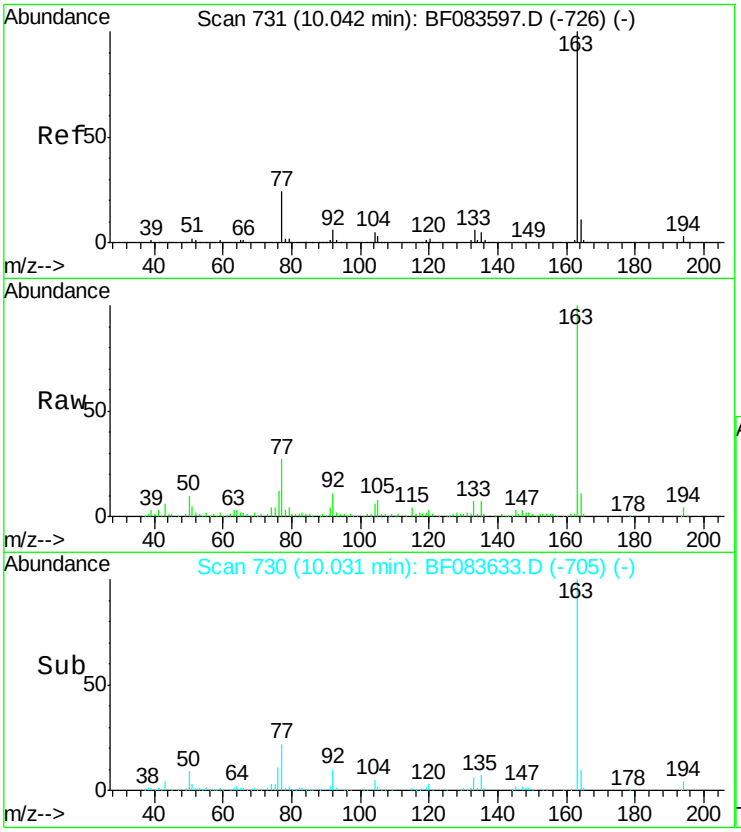


#48
Acenaphthylene
Concen: 16.44 ng
RT: 10.17 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:152 Resp: 412337

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.0	10.8	16.2

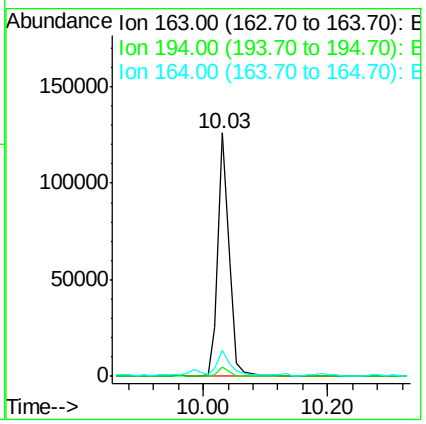




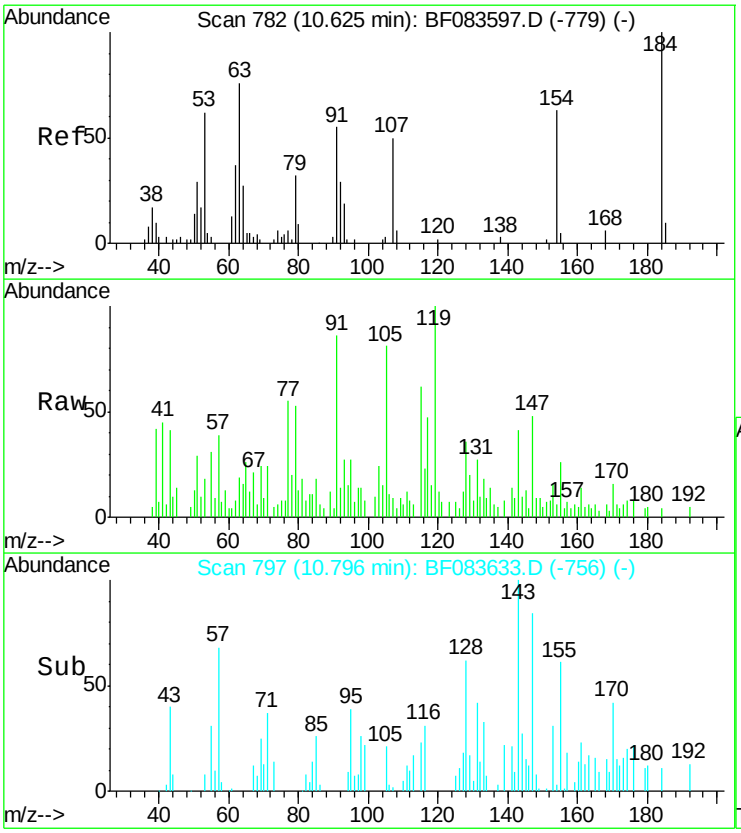
#49
Dimethylphthalate
Concen: 8.49 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:163 Resp: 156566

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.6	8.6	13.0



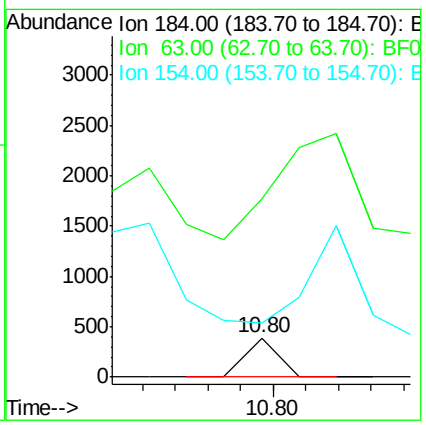
Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

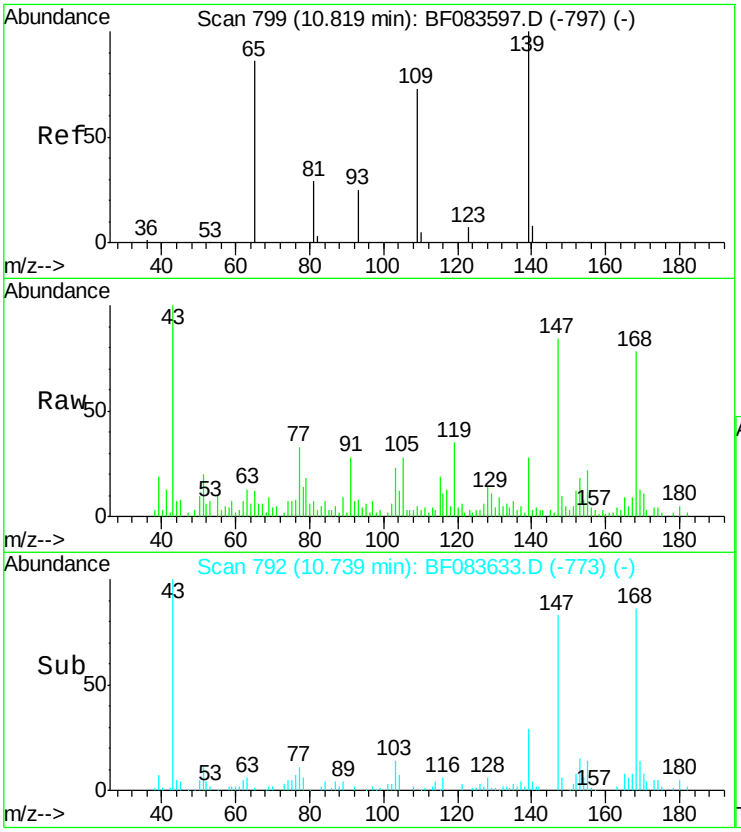


#53
2,4-Dinitrophenol
Concen: 5.74 ng
RT: 10.80 min Scan# 797
Delta R.T. 0.17 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:184 Resp: 267

Ion	Ratio	Lower	Upper
184	100		
63	456.8	62.4	93.6#
154	138.3	46.6	69.8#



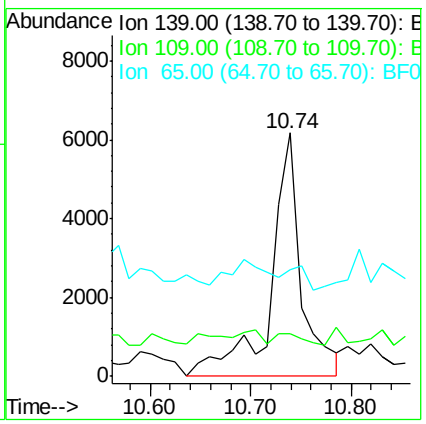


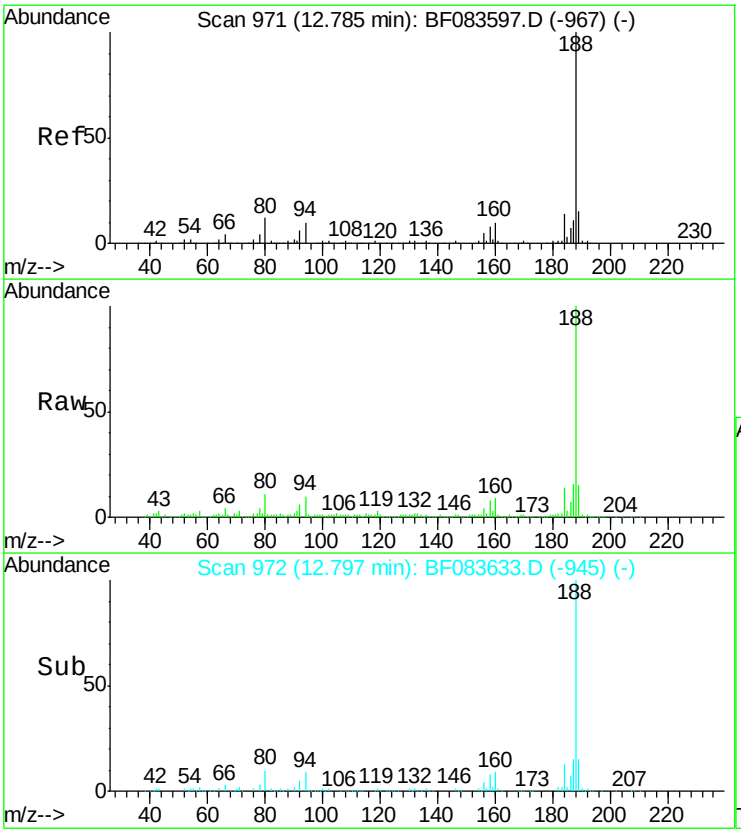
#55
4-Nitrophenol
Concen: 7.32 ng
RT: 10.74 min Scan# 792
Delta R.T. -0.08 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:139 Resp: 13036

Ion	Ratio	Lower	Upper
139	100		
109	17.3	42.0	82.0#
65	43.7	89.2	129.2#

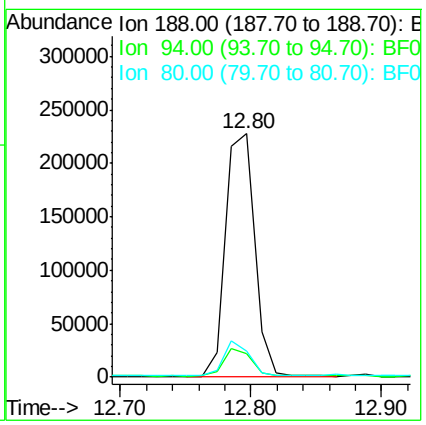


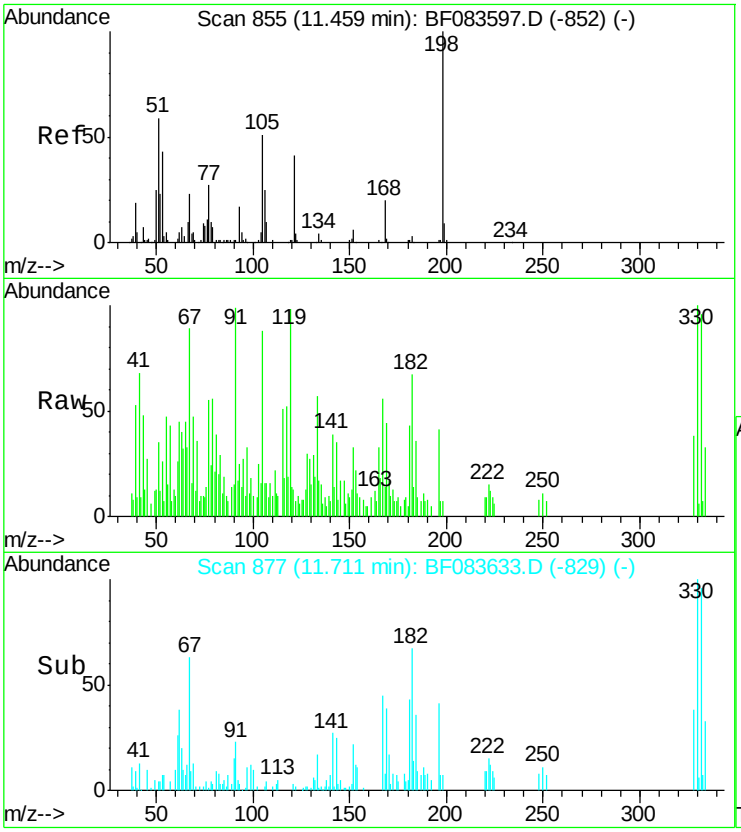


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:188 Resp: 354976

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.5	10.6	16.0#



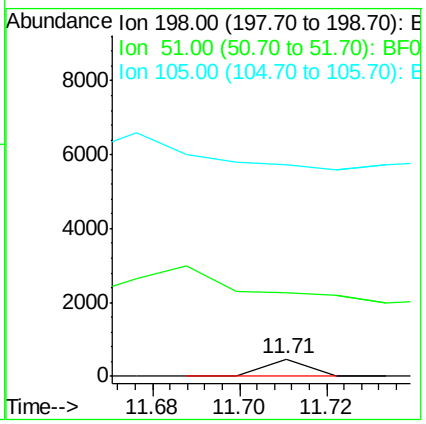


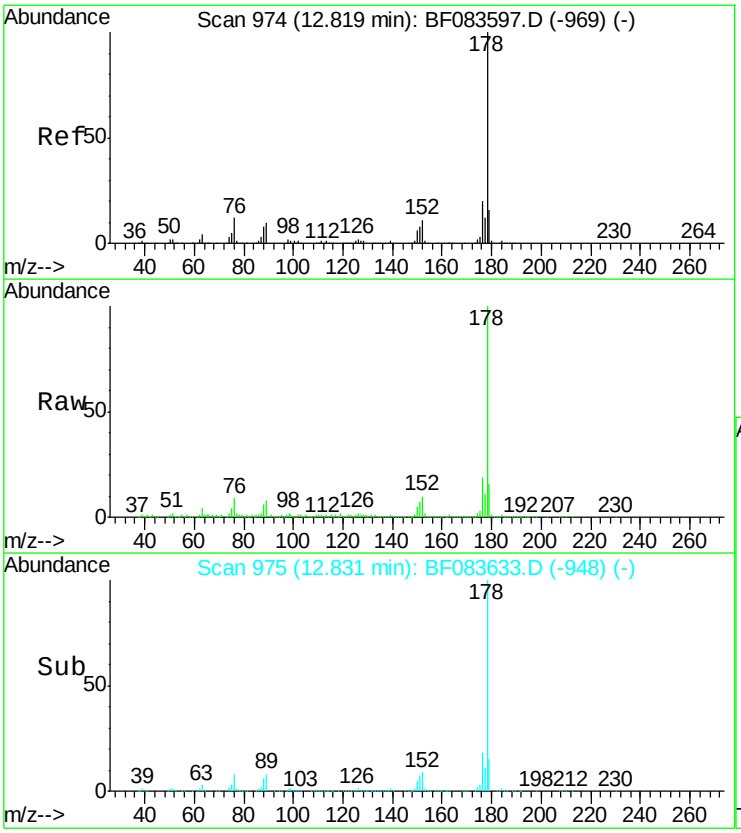
#64
4,6-Dinitro-2-methylphenol
Concen: 2.07 ng
RT: 11.71 min Scan# 877
Delta R.T. 0.25 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:198 Resp: 316

Ion	Ratio	Lower	Upper
198	100		
51	493.3	53.8	93.8#
105	1243.4	38.6	78.6#

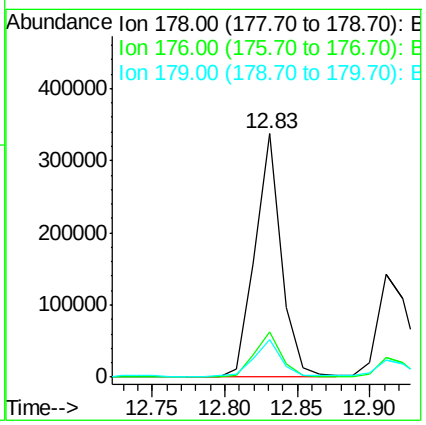


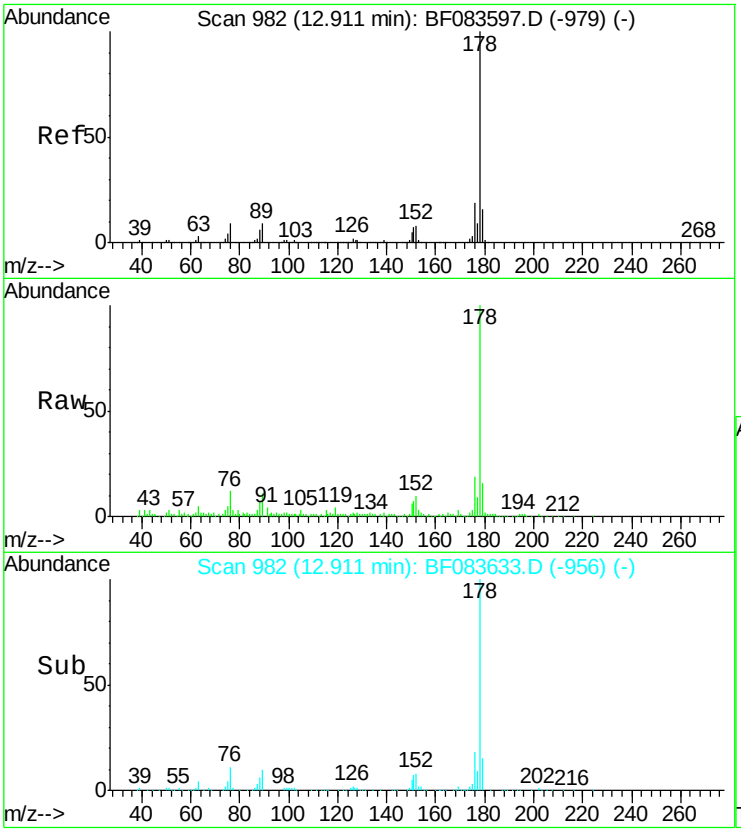


#70
Phenanthrene
Concen: 20.68 ng
RT: 12.83 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:178 Resp: 421838

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	15.5	12.2	18.4



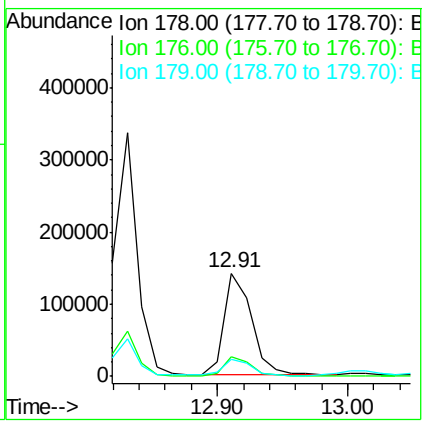


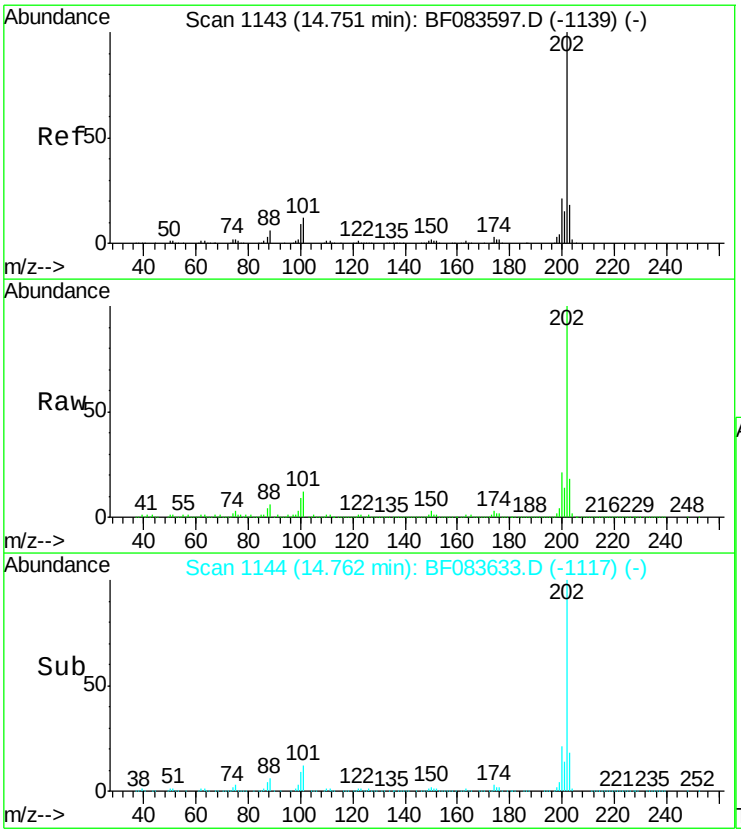
#71
Anthracene
Concen: 9.88 ng
RT: 12.91 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:178 Resp: 208821

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	16.3	12.6	18.8

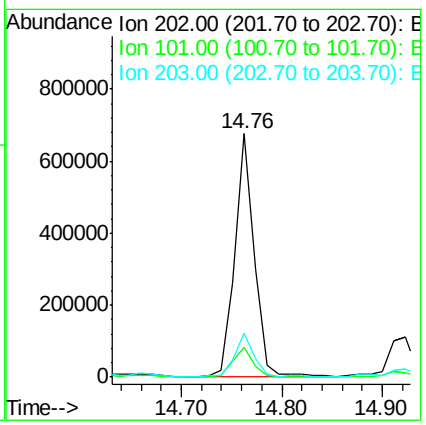


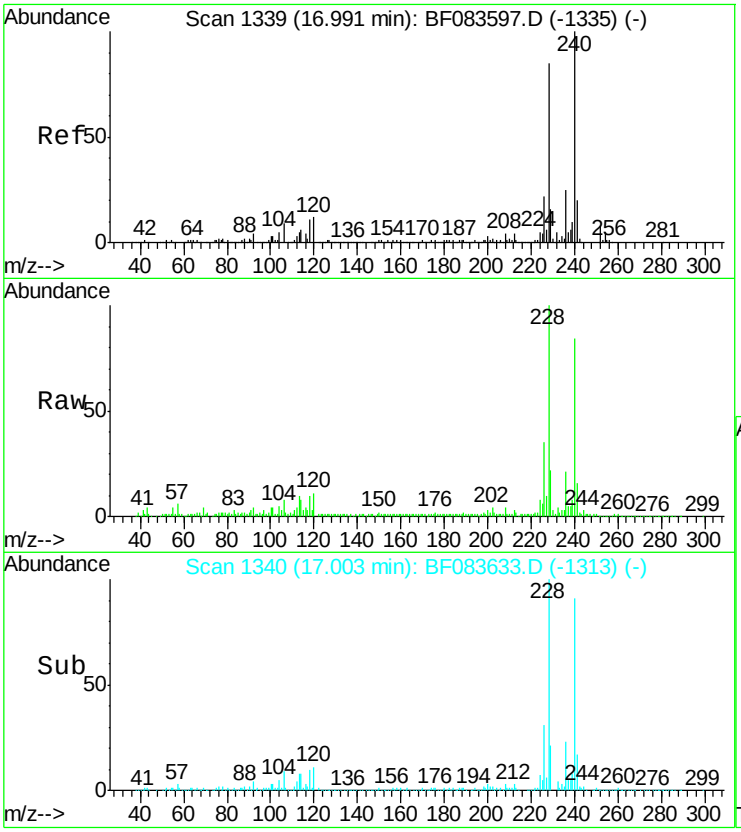


#74
Fluoranthene
Concen: 42.79 ng
RT: 14.76 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:202 Resp: 892861

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.5
203	17.9	0.0	37.6



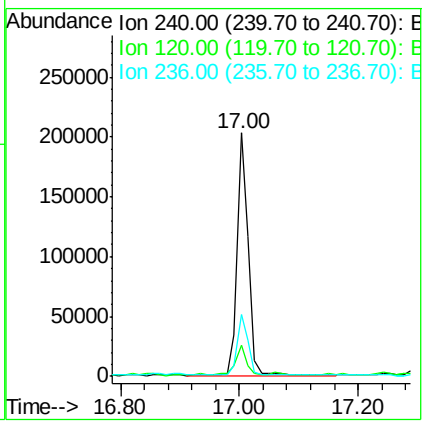


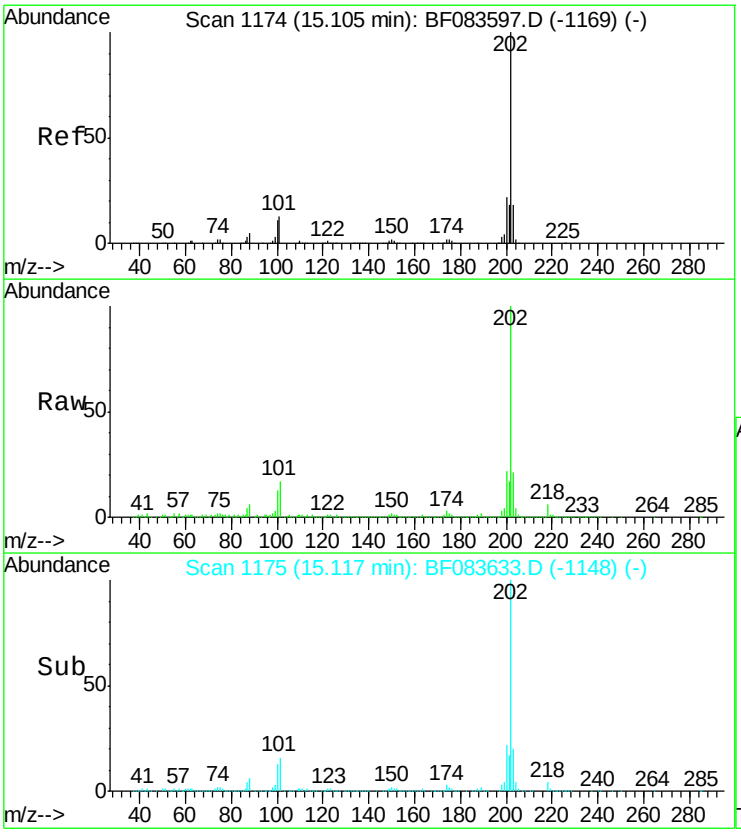
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.00 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:240 Resp: 259991

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.1	12.1#
236	25.3	20.8	31.2

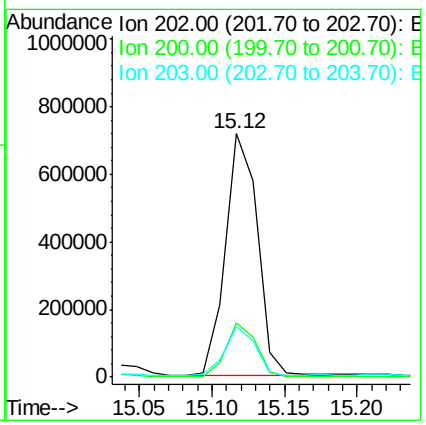


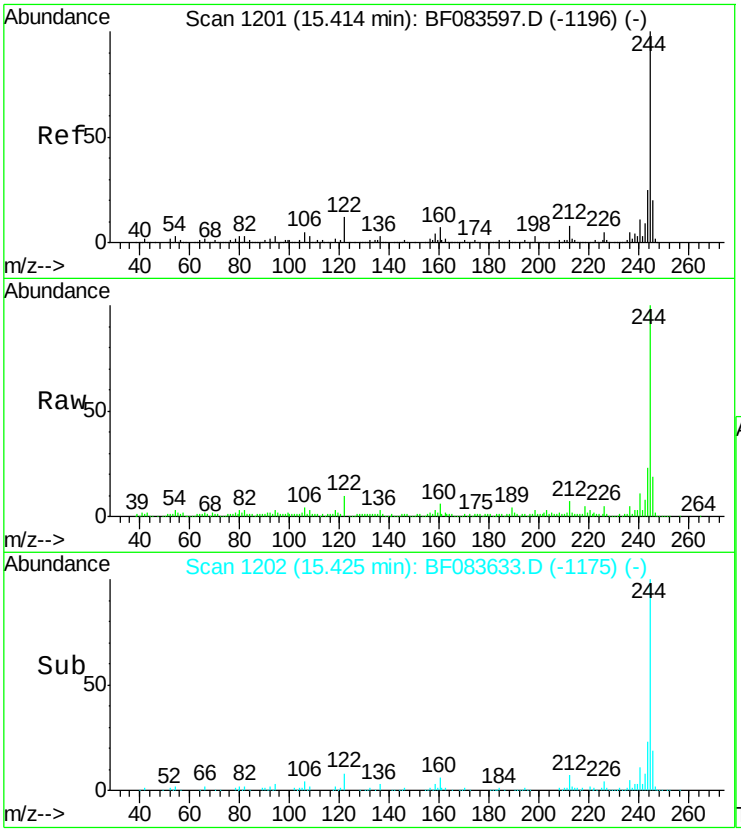


#77
Pyrene
Concen: 58.20 ng
RT: 15.12 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:202 Resp: 1089459

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.7	25.1
203	20.5	14.3	21.5



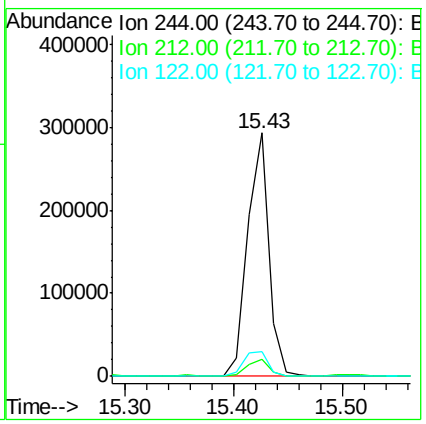


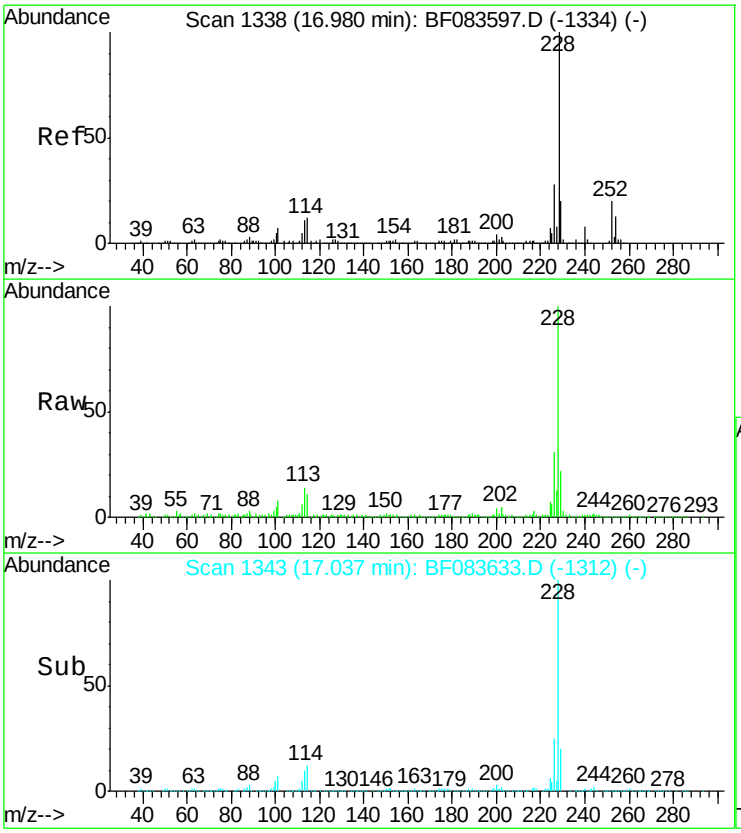
#78
Terphenyl-d14
Concen: 36.07 ng
RT: 15.43 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:244 Resp: 398561

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	10.2	11.0	16.6#

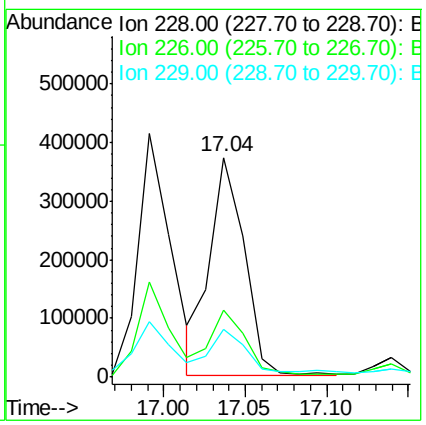


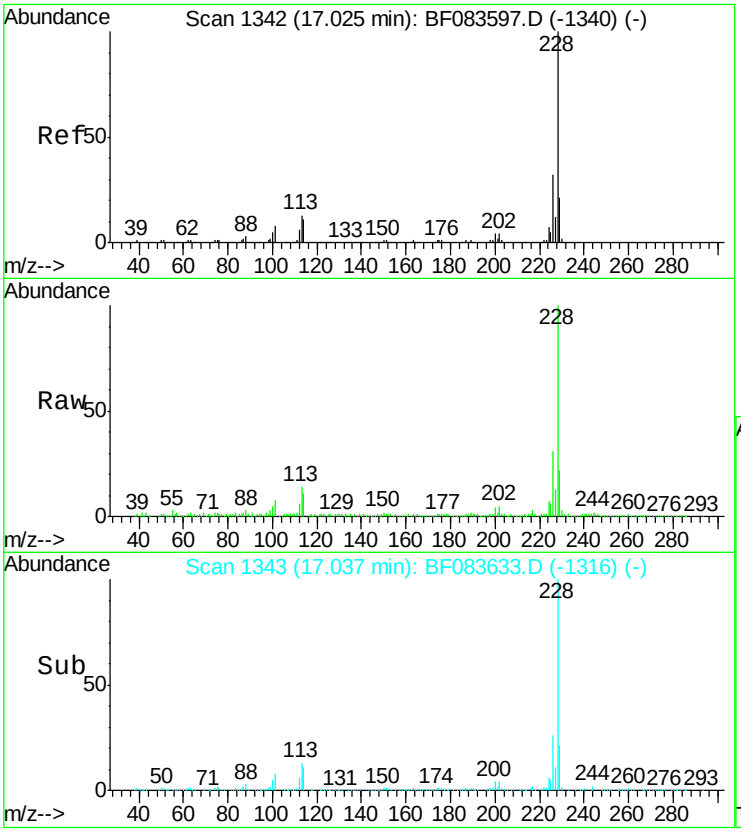


#80
Benzo(a)anthracene
Concen: 35.72 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.06 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:228 Resp: 543491

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.3	33.5
229	21.9	15.7	23.5



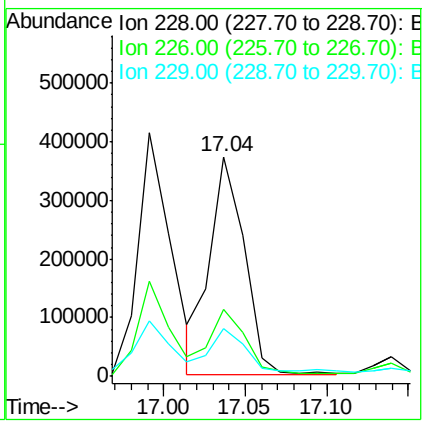


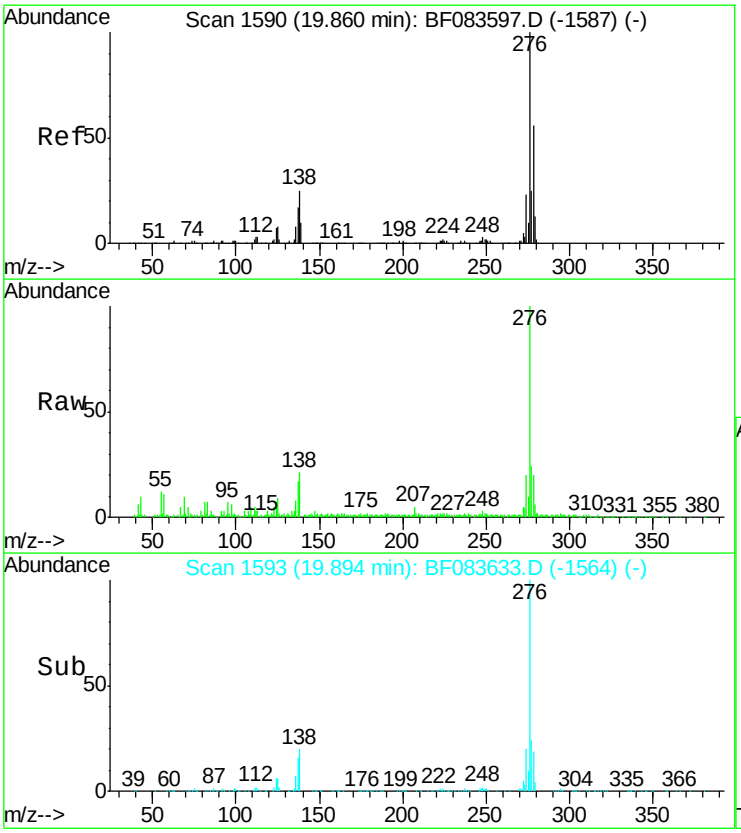
#82
Chrysene
Concen: 35.95 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:228 Resp: 548393

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	21.9	16.3	24.5

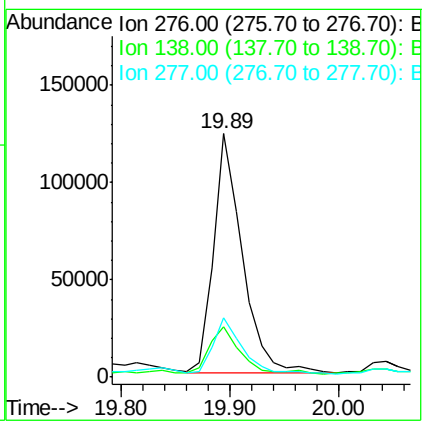


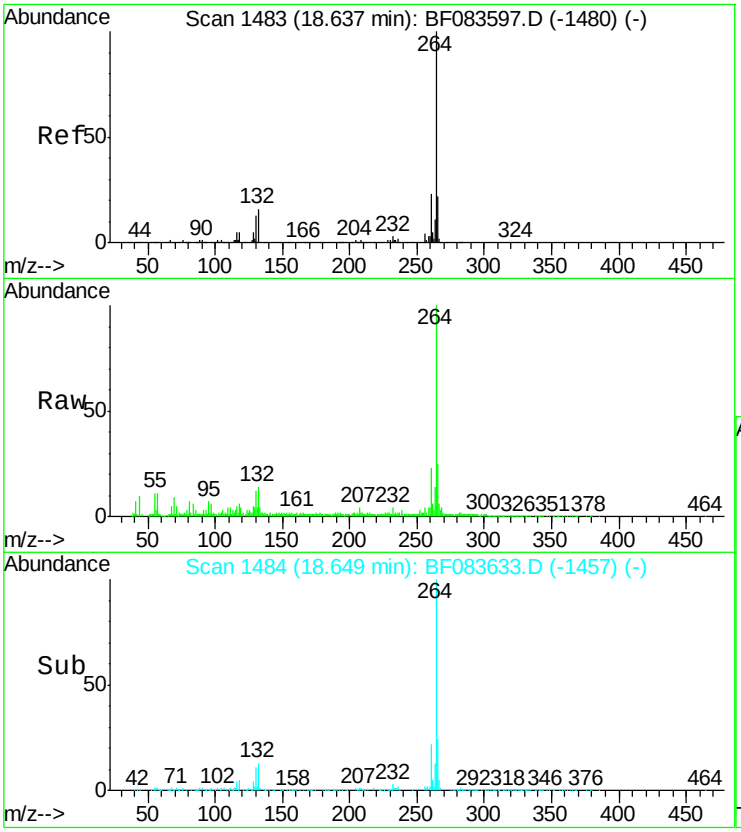


#85
Indeno(1,2,3-cd)pyrene
Concen: 21.79 ng
RT: 19.89 min Scan# 1593
Delta R.T. 0.03 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:276 Resp: 224348

Ion	Ratio	Lower	Upper
276	100		
138	21.7	0.0	0.0#
277	23.5	0.0	0.0#



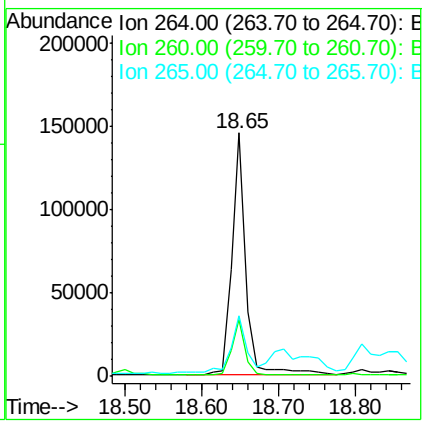


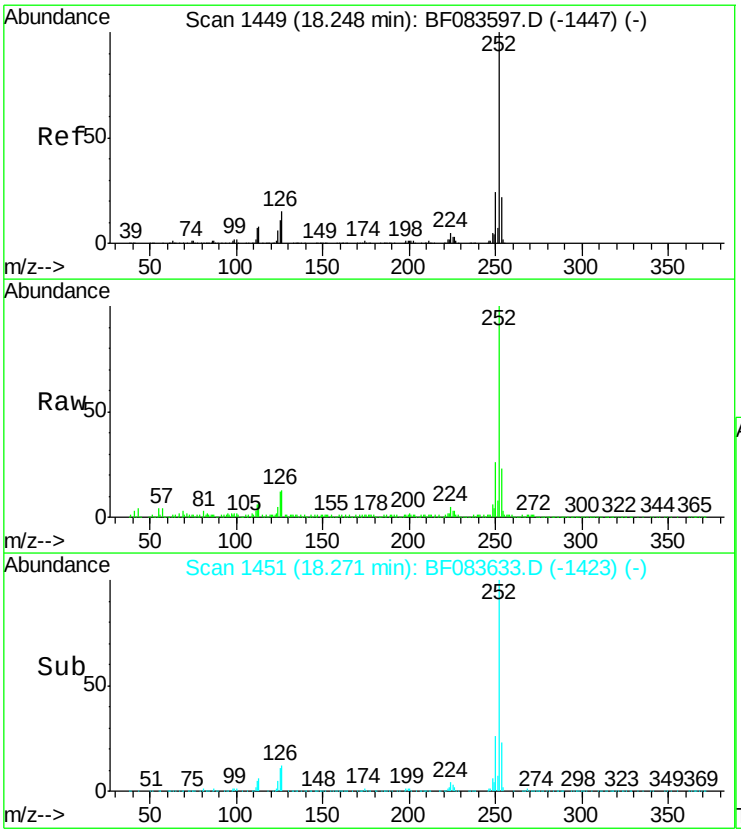
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:264 Resp: 186091

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	24.7	17.8	26.6

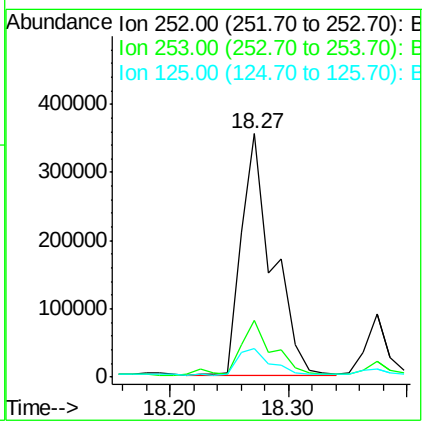


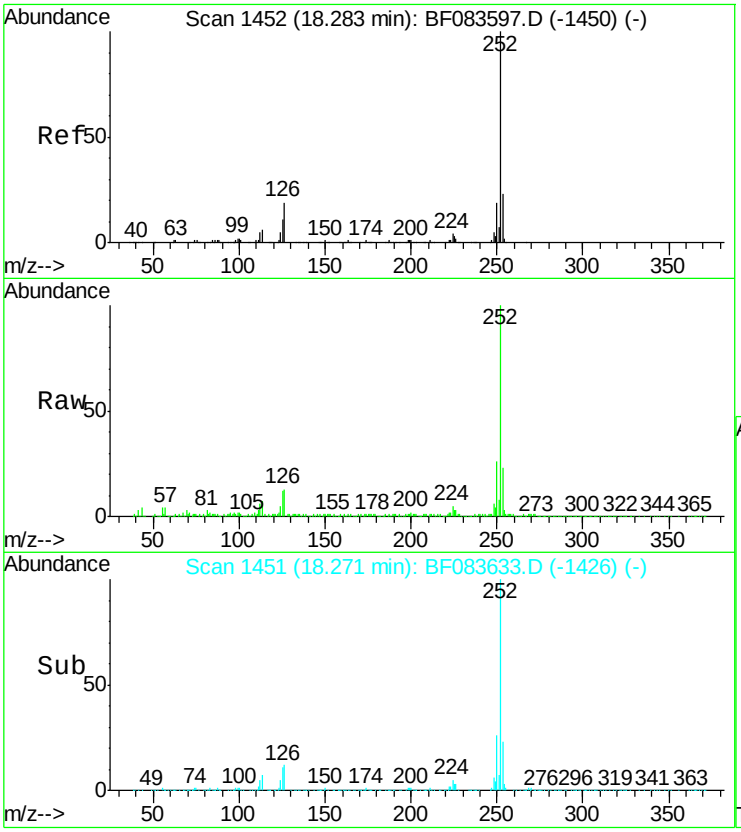


#87
Benzo(b)fluoranthene
Concen: 61.20 ng
RT: 18.27 min Scan# 1451
Delta R.T. 0.02 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:252 Resp: 648578

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	11.9	8.2	12.4



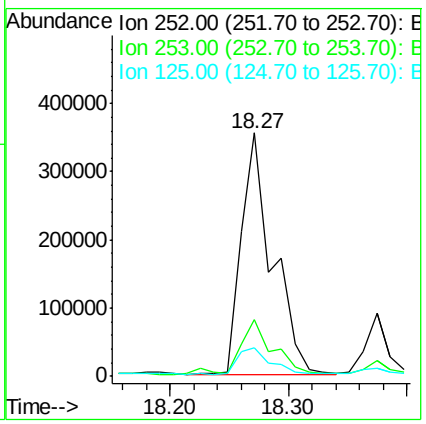


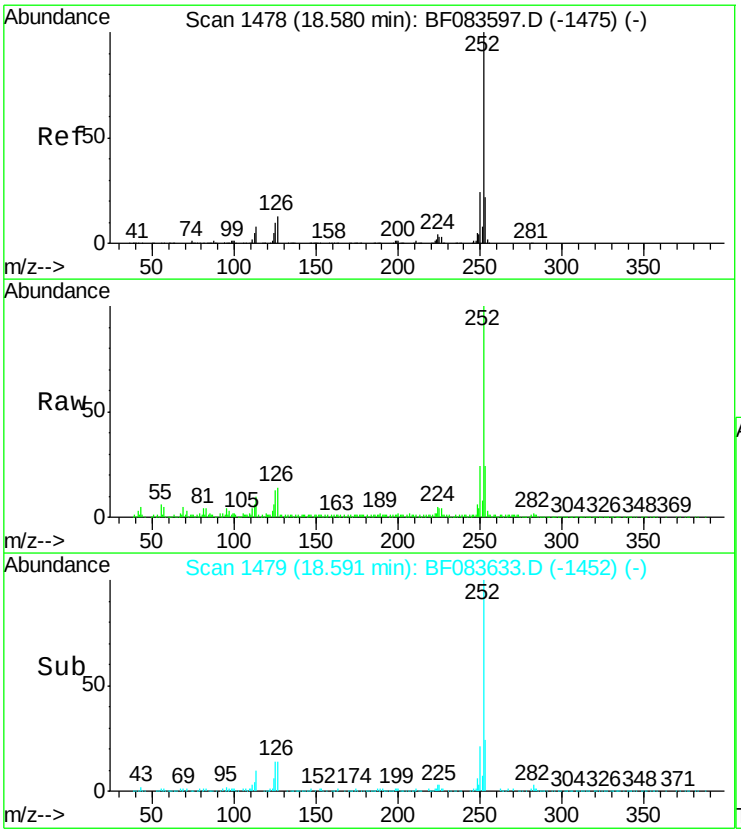
#88
Benzo(k)fluoranthene
Concen: 55.55 ng
RT: 18.27 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:252 Resp: 648578

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	11.9	11.5	17.3

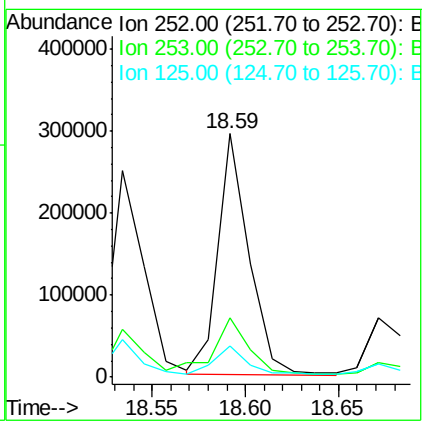


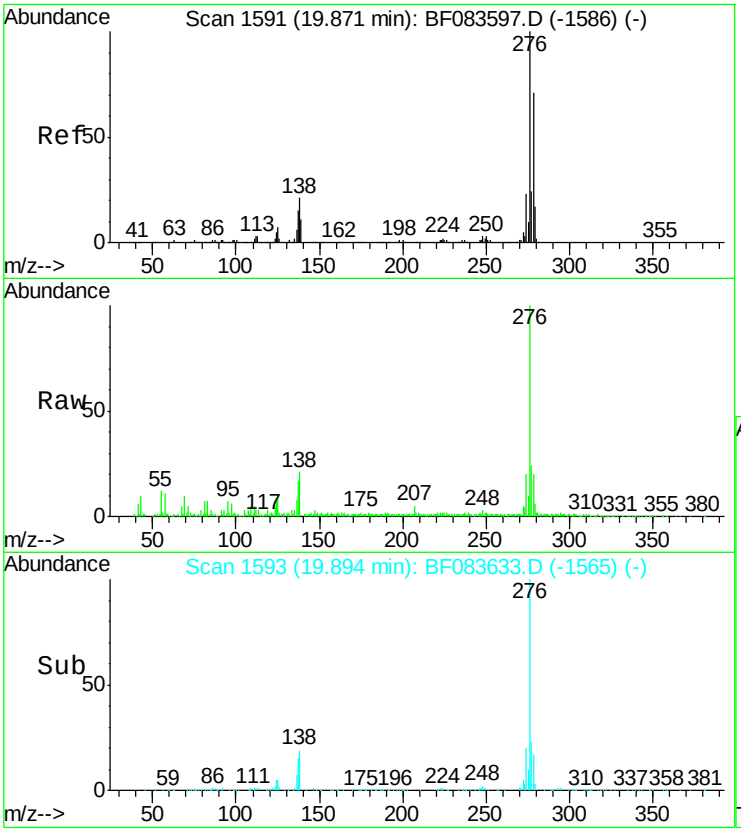


#89
Benzo(a)pyrene
Concen: 33.13 ng
RT: 18.59 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:252 Resp: 342632

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	13.0	11.0	16.6



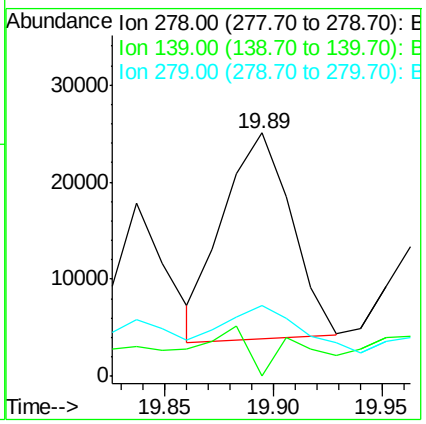


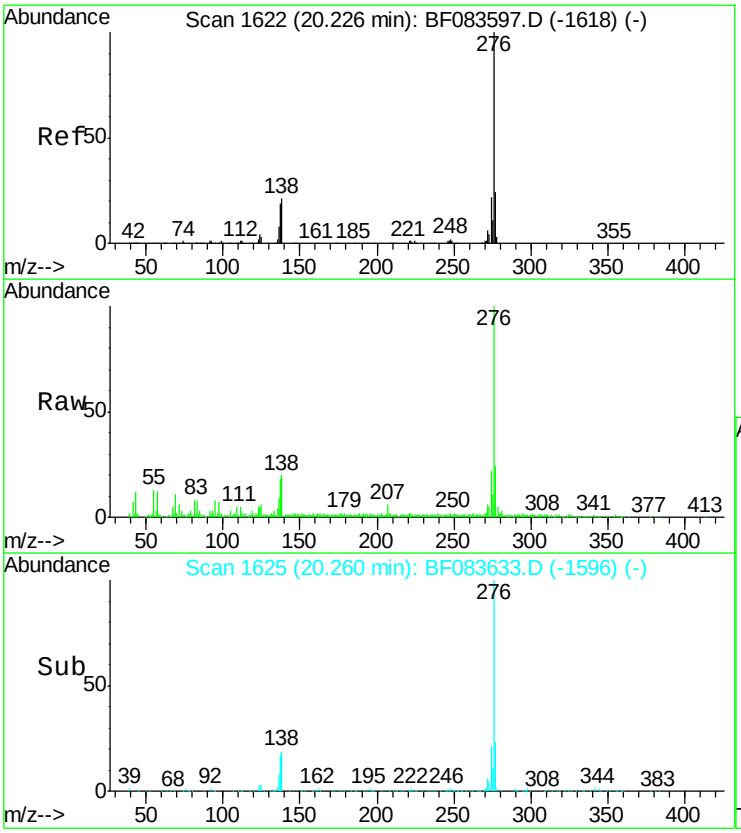
#90
Dibenzo(a,h)anthracene
Concen: 5.89 ng
RT: 19.89 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Instrument :
BNA_F
ClientSampleId :
K204-0-2DL

Tgt Ion:278 Resp: 46558

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.8	19.2#
279	29.2	18.6	28.0#





#91
Benzo(g,h,i)perylene
Concen: 29.44 ng
RT: 20.26 min Scan# 1625
Delta R.T. 0.03 min
Lab File: BF083633.D
Acq: 9 Dec 2015 10:38

Tgt Ion:276 Resp: 226956

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	19.6	19.5	29.3