Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092415\
Data File : BF081782.D
Acq On : 25 Sep 2015 00:33
Operator : UM/IZ
Sample : G3748-08DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP201-19-20DL

Quant Time: Sep 25 06:07:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:04:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.11	152	68773	20.00	ng		0.16
21) Naphthalene-d8	8.24	136	850024	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	440584	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	836344	20.00	ng		0.00
75) Chrysene-d12	14.12	240	592969	20.00	ng		0.00
86) Perylene-d12	15.58	264	510201	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	131962	32.46	ng		-0.01
7) Phenol-d6	6.55	99	164219	31.94	ng		-0.02
23) Nitrobenzene-d5	7.51	82	93772	7.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	32705	8.55	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	226019	8.42	ng		0.00
78) Terphenyl-d14	13.06	244	213209	8.21	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.61	117	11502	6.59	ng	#	7
19) n-Nitroso-di-n-propylamine	7.51	70	13755	4.01	ng	#	63
31) Naphthalene	8.29	128	6290579	160.42	ng	#	91
33) 4-Chloroaniline	8.29	127	1006003	58.45	ng	#	40
37) 2-Methylnaphthalene	8.96	142	2142133	76.66	ng	#	85
45) 1,1'-Biphenyl	9.42	154	432235	12.55	ng		94
48) Acenaphthylene	9.86	152	1944240	41.46	ng		94
51) Acenaphthene	10.02	154	254561	9.42	ng	#	85
53) 2,4-Dinitrophenol	10.14	184	239	Below	Cal	#	1
54) Dibenzofuran	10.19	168	201019	5.07	ng	#	83
56) 2,4-Dinitrotoluene	10.17	165	21152	2.73	ng	#	60
57) Fluorene	10.54	166	1113820	36.61	ng		91
64) 4,6-Dinitro-2-methylphenol	10.59	198	250	7.58	ng	#	1
70) Phenanthrene	11.55	178	885636	18.52	ng		96
71) Anthracene	11.55	178	885636	19.22	ng		96
74) Fluoranthene	12.69	202	1004279	20.84	ng		94
80) Benzo(a)anthracene	14.10	228	473158	13.16	ng	#	69
82) Chrysene	14.14	228	315185	9.14	ng		92
85) Indeno(1,2,3-cd)pyrene	17.03	276	90170	2.86	ng	#	86
87) Benzo(b)fluoranthene	15.16	252	288501	9.54	ng	#	90
88) Benzo(k)fluoranthene	15.16	252	288501	9.90	ng	#	91
89) Benzo(a)pyrene	15.52	252	243893	8.93	ng	#	84
91) Benzo(g,h,i)perylene	17.48	276	92892	3.17	ng	#	77

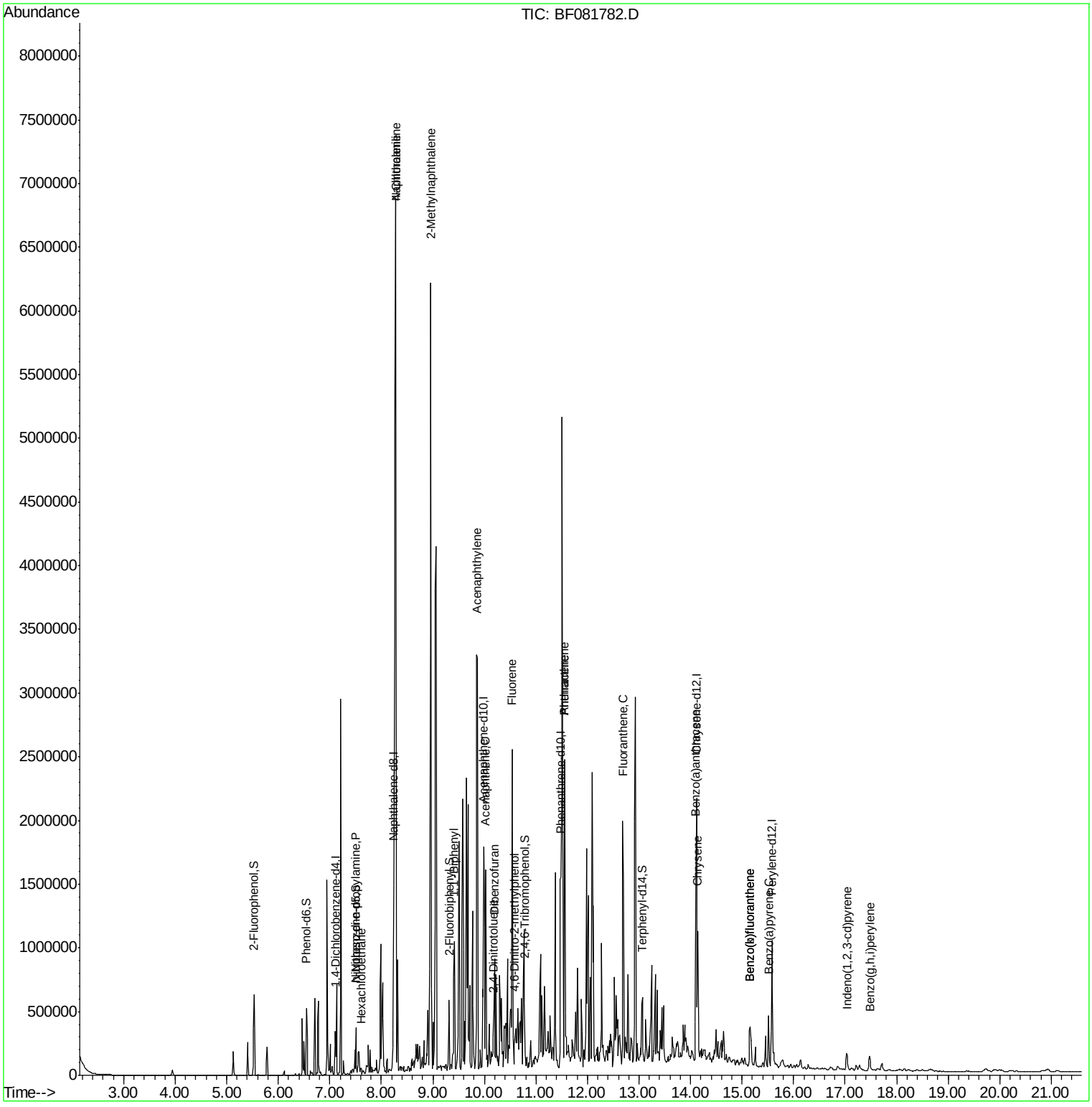
(#) = qualifier out of range (m) = manual integration (+) = signals summed

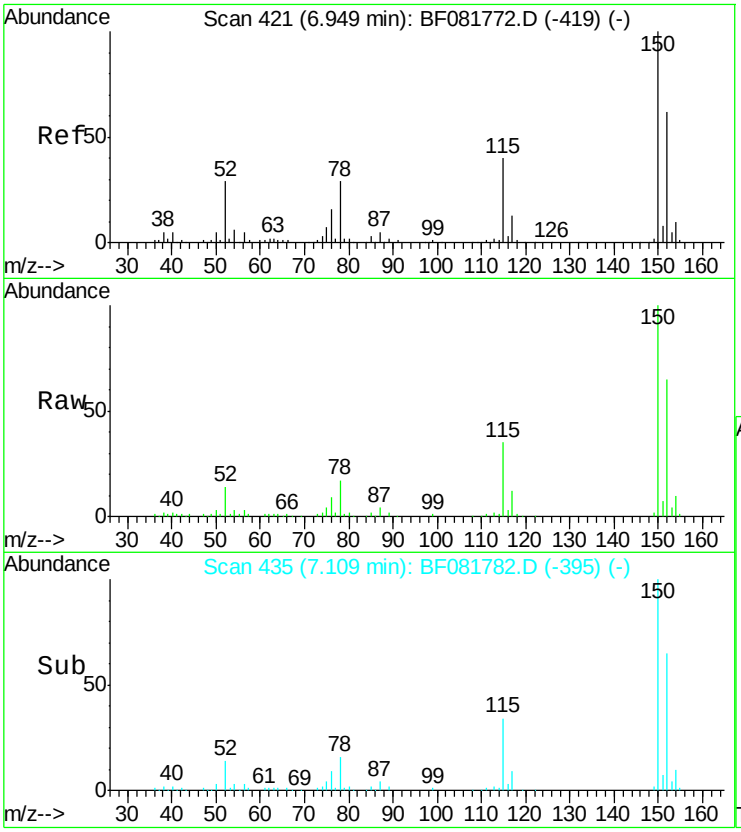
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092415\
Data File : BF081782.D
Acq On : 25 Sep 2015 00:33
Operator : UM/IZ
Sample : G3748-08DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Quant Time: Sep 25 06:07:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:04:07 2015
Response via : Initial Calibration



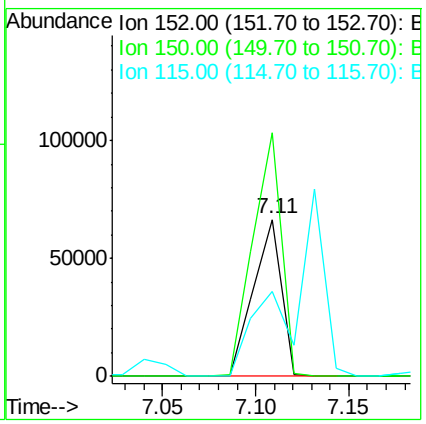


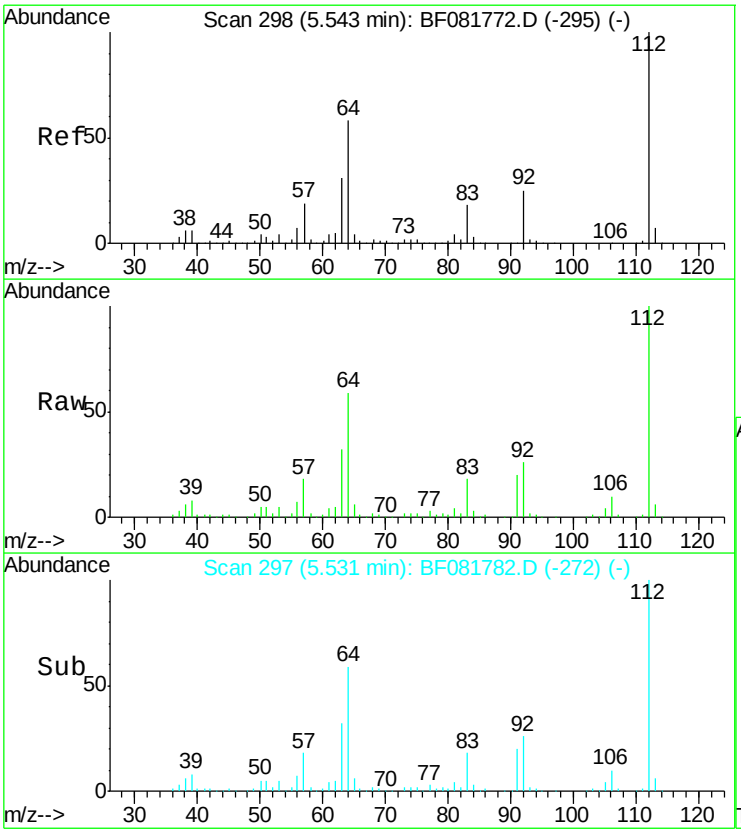
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.16 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:152 Resp: 68773

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.7	187.1
115	53.8	39.0	58.4

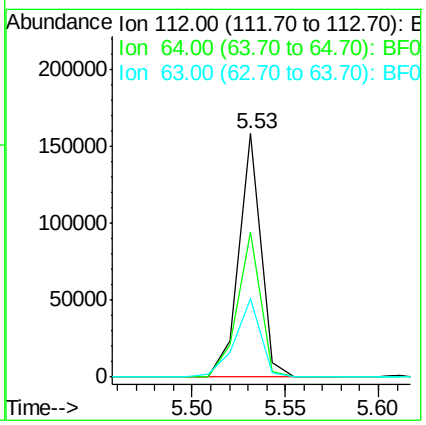


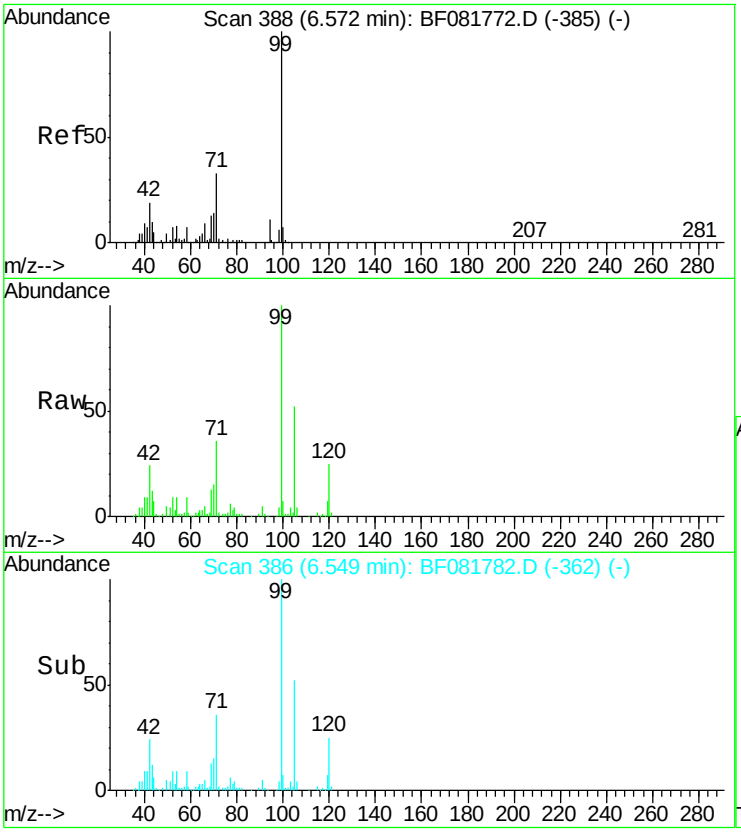


#5
2-Fluorophenol
Concen: 32.46 ng
RT: 5.53 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:112 Resp: 131962

Ion	Ratio	Lower	Upper
112	100		
64	59.4	39.7	59.5
63	32.4	17.4	26.0#



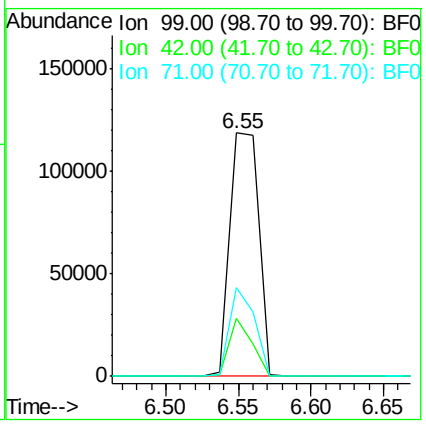


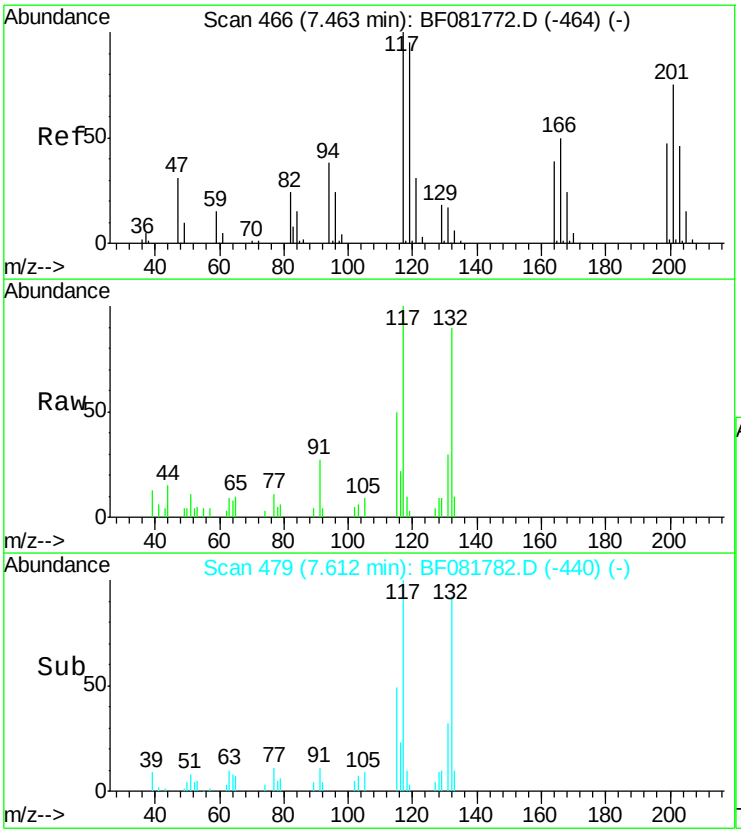
#7
Phenol-d6
Concen: 31.94 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion: 99 Resp: 164219

Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.7	20.5#
71	36.3	14.2	21.2#

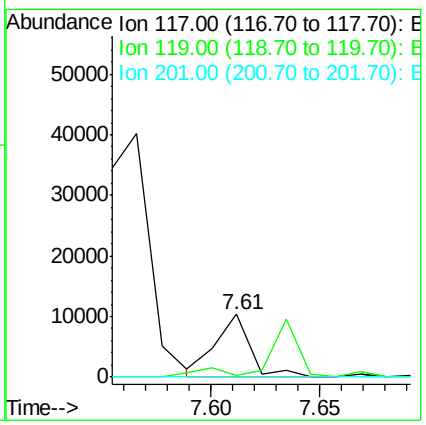


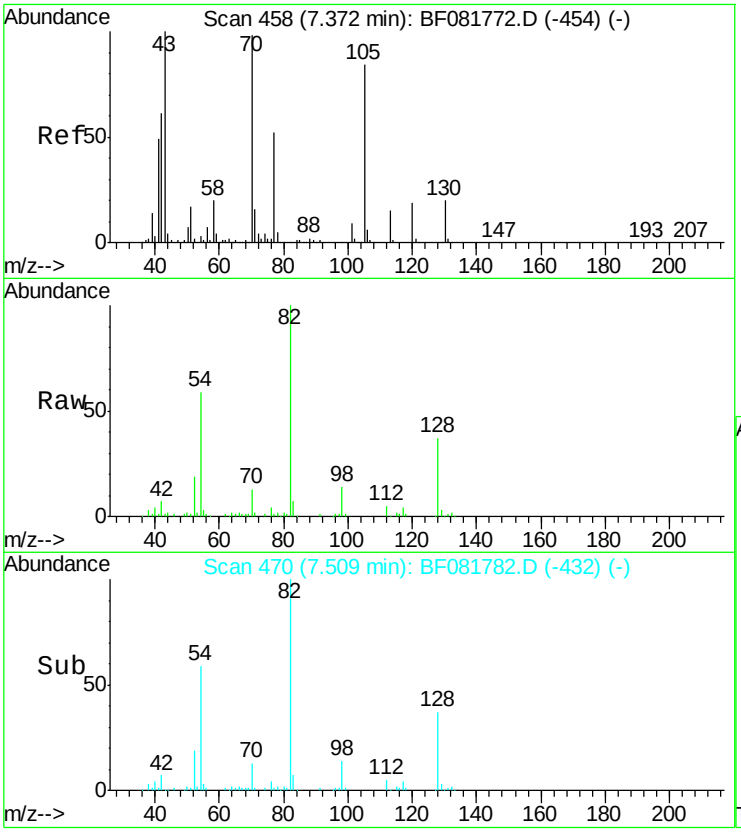


#18
Hexachloroethane
Concen: 6.59 ng
RT: 7.61 min Scan# 479
Delta R.T. 0.15 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:117 Resp: 11502

Ion	Ratio	Lower	Upper
117	100		
119	3.3	83.8	125.6#
201	0.0	55.1	82.7#



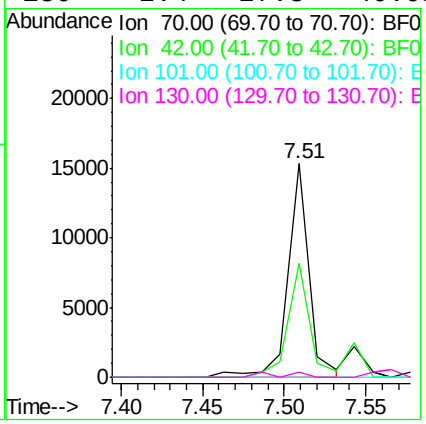


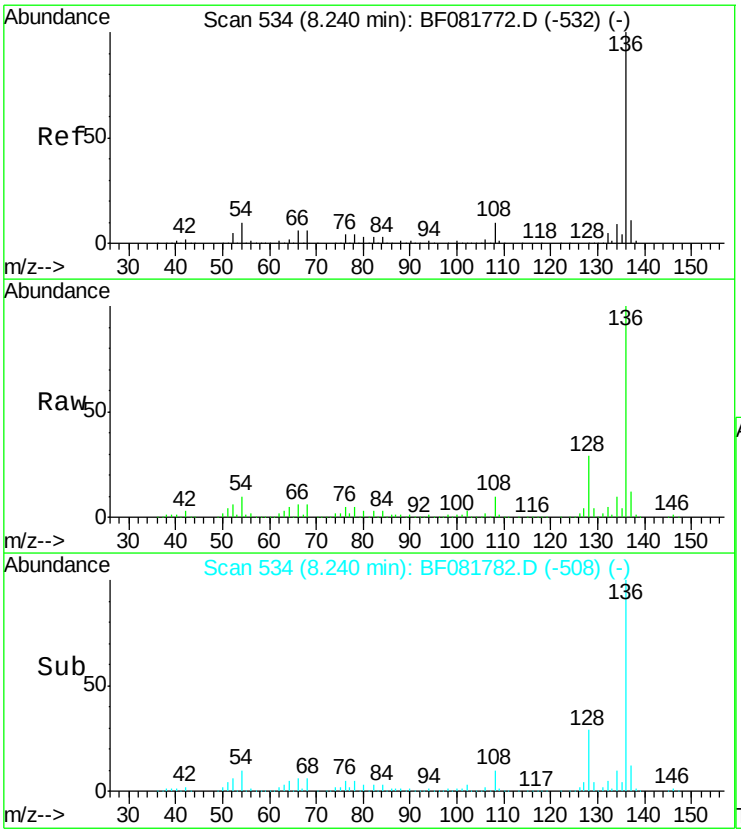
#19
n-Nitroso-di-n-propylamine
Concen: 4.01 ng
RT: 7.51 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion: 70 Resp: 13755

Ion	Ratio	Lower	Upper
70	100		
42	53.4	63.8	95.6#
101	0.0	9.2	13.8#
130	2.4	27.3	40.9#

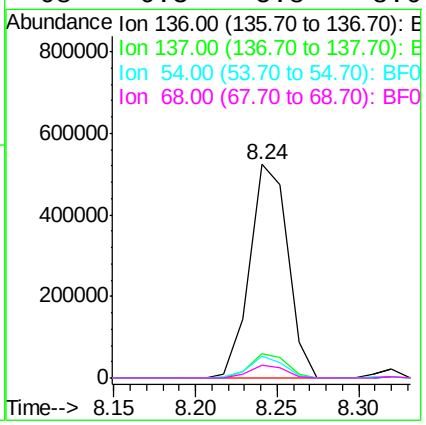


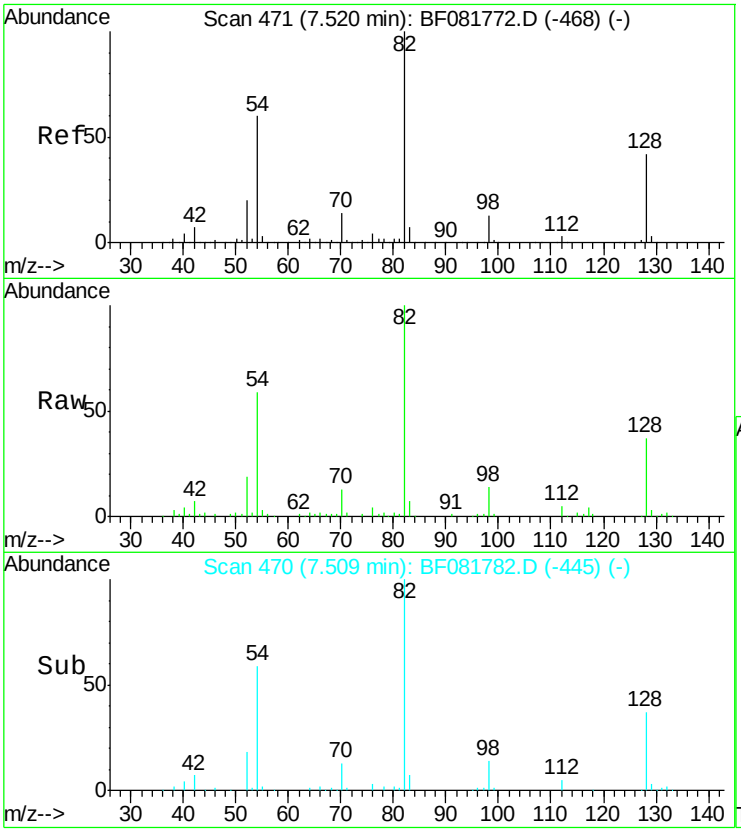


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:136 Resp: 850024

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	10.1	8.2	12.2
68	6.3	5.8	8.6



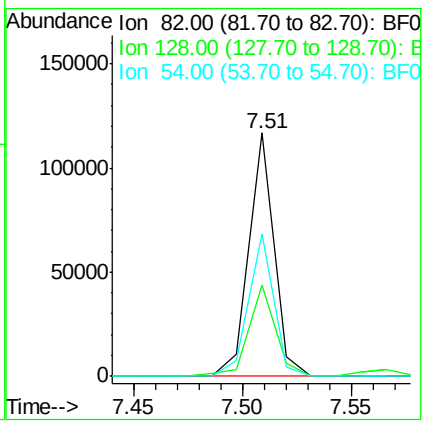


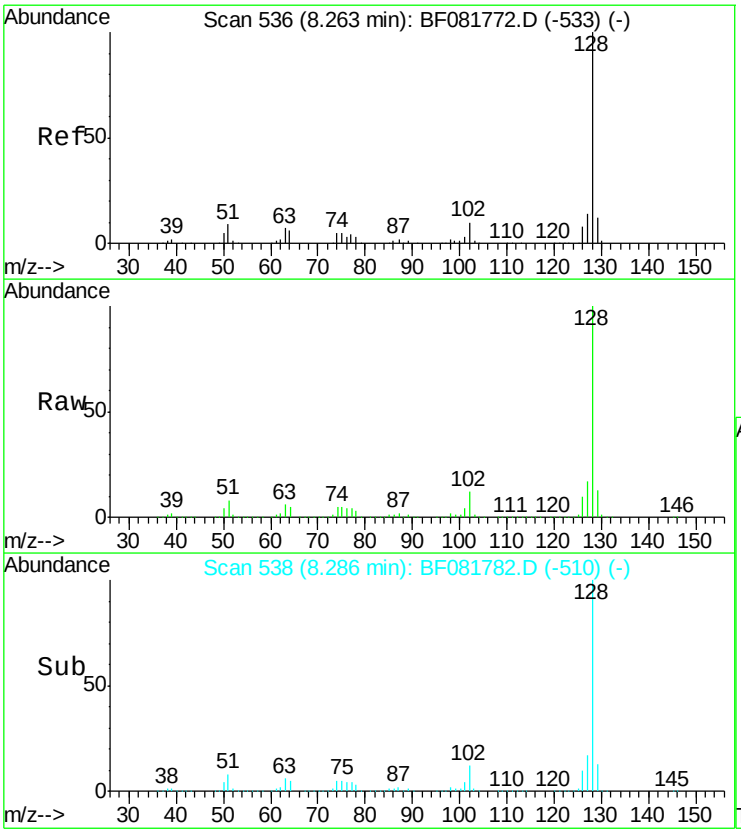
#23
Nitrobenzene-d5
Concen: 7.28 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion: 82 Resp: 93772

Ion	Ratio	Lower	Upper
82	100		
128	37.4	51.0	76.6#
54	58.5	47.5	71.3

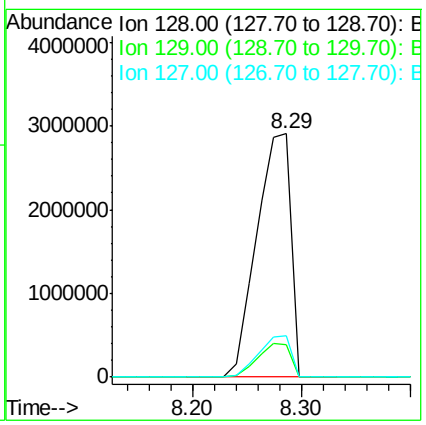


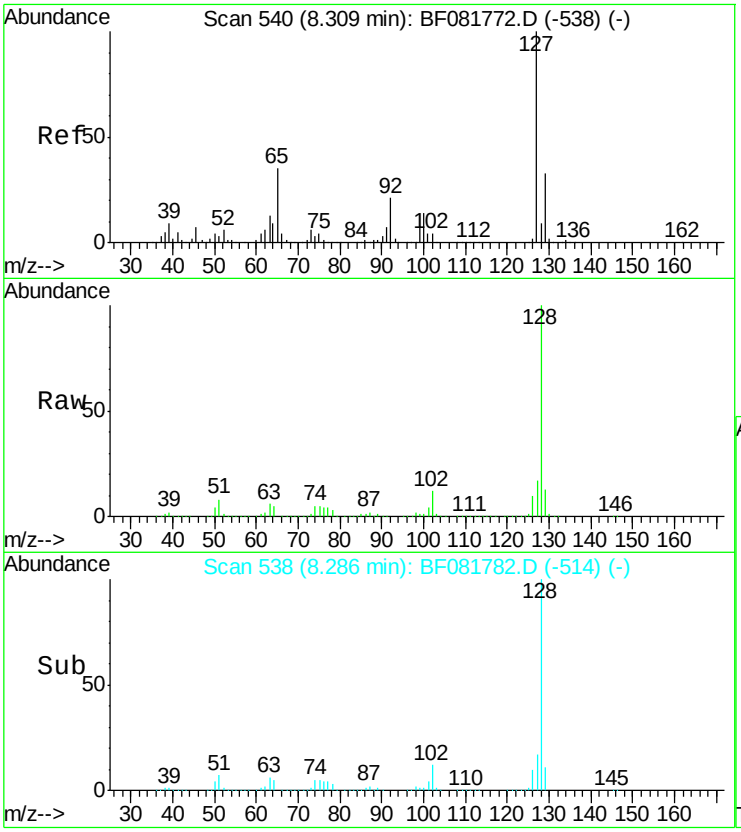


#31
Naphthalene
Concen: 160.42 ng
RT: 8.29 min Scan# 538
Delta R.T. 0.02 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:128 Resp: 6290579

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.4	12.6#
127	16.9	9.9	14.9#



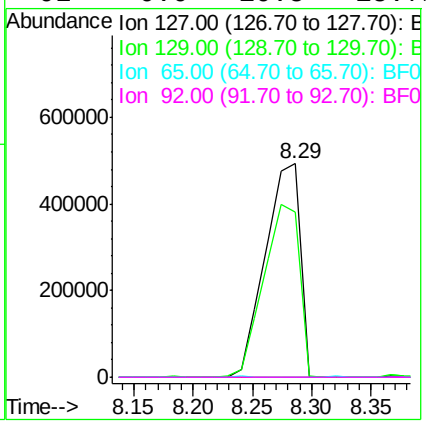


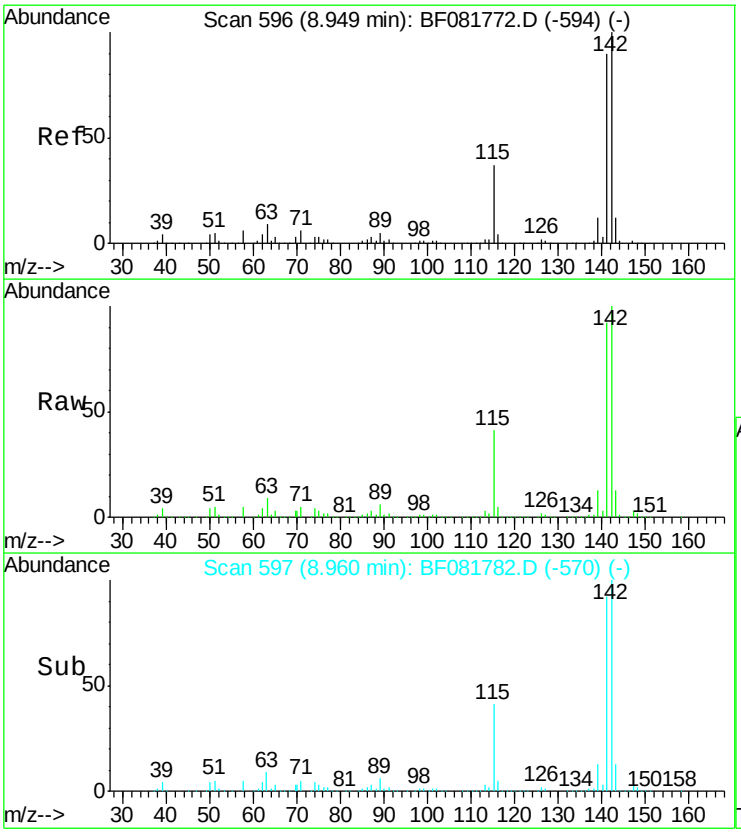
#33
4-Chloroaniline
Concen: 58.45 ng
RT: 8.29 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:127 Resp: 1006003

Ion	Ratio	Lower	Upper
127	100		
129	77.5	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#

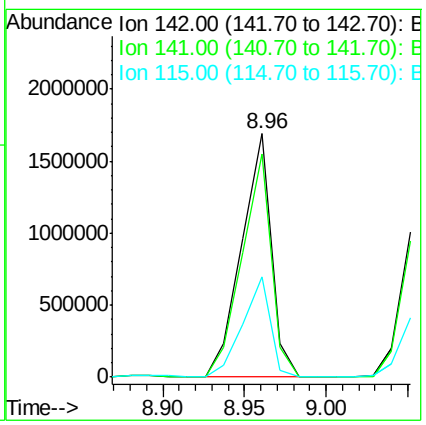


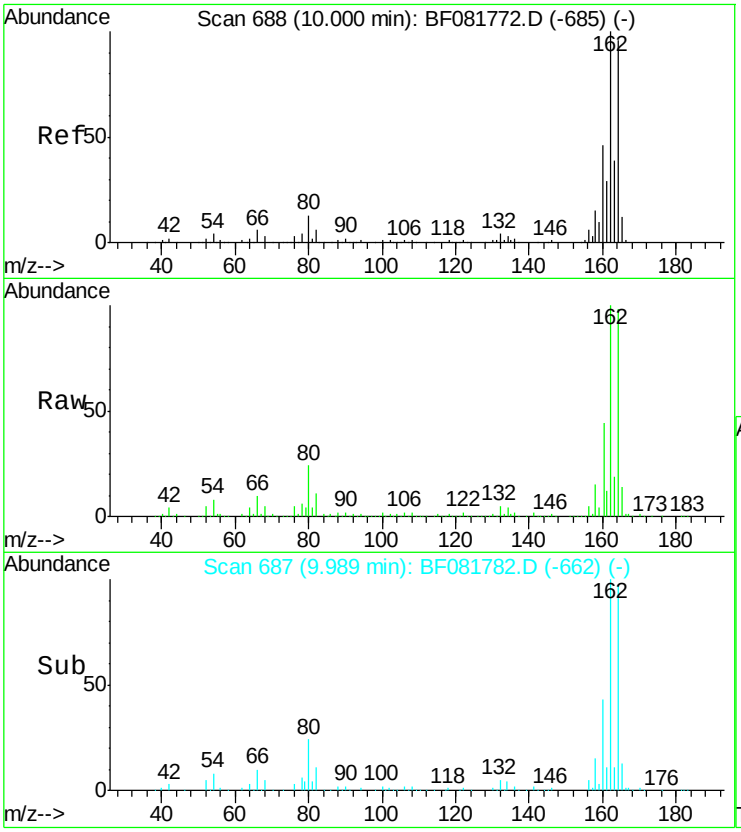


#37
2-Methylnaphthalene
Concen: 76.66 ng
RT: 8.96 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:142 Resp: 2142133

Ion	Ratio	Lower	Upper
142	100		
141	91.9	67.5	101.3
115	41.1	18.2	27.2#



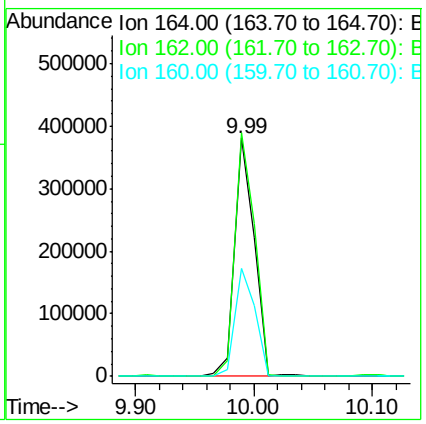


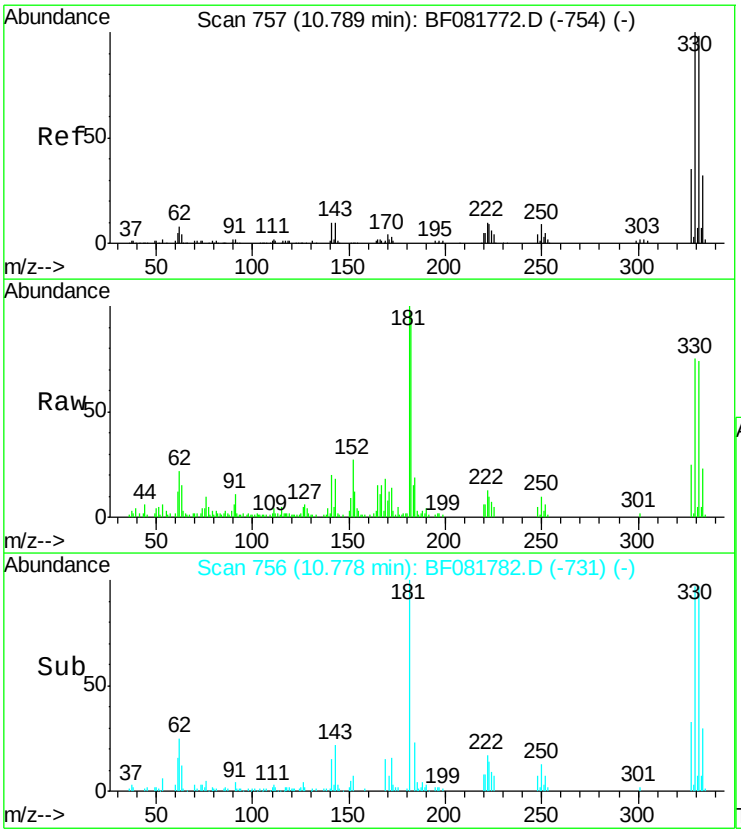
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:164 Resp: 440584

Ion	Ratio	Lower	Upper
164	100		
162	102.3	75.2	112.8
160	45.1	31.5	47.3

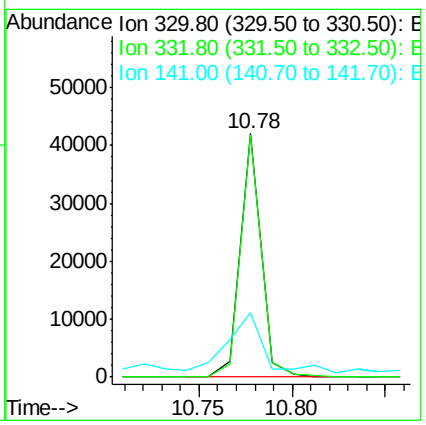


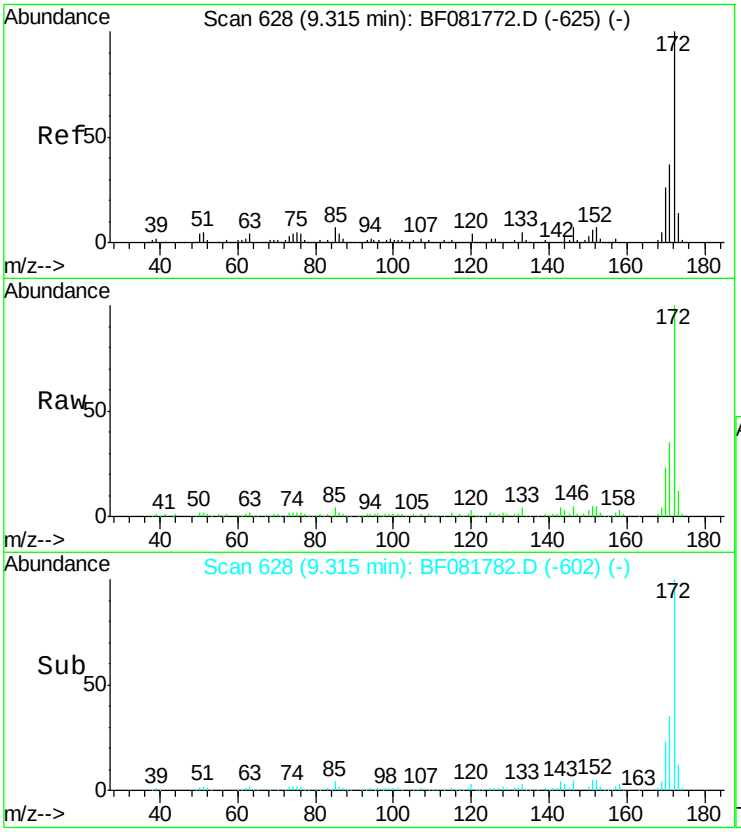


#41
2,4,6-Tribromophenol
Concen: 8.55 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:330 Resp: 32705

Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.6	114.8
141	44.0	29.7	44.5



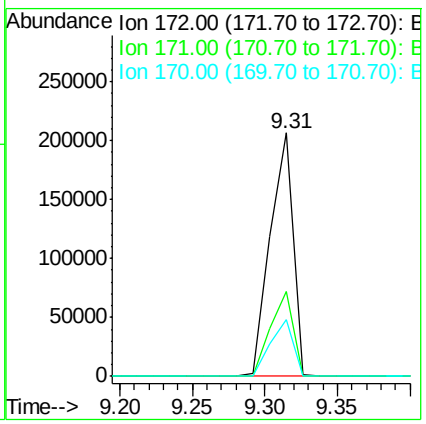


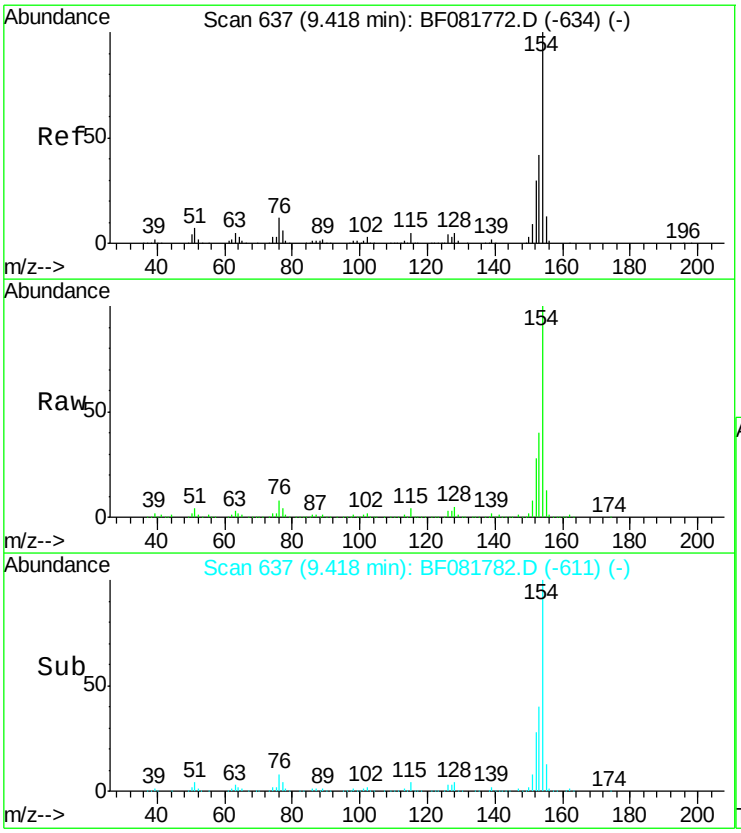
#44
2-Fluorobiphenyl
Concen: 8.42 ng
RT: 9.31 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:172 Resp: 226019

Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.1	39.1
170	23.3	17.4	26.2

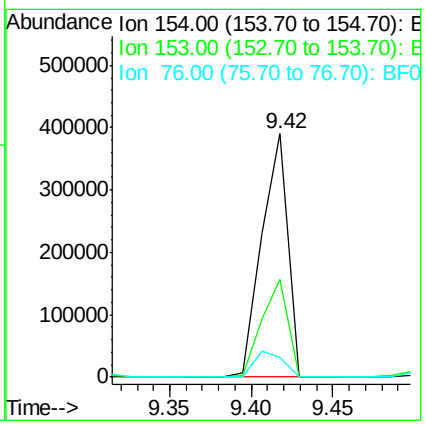


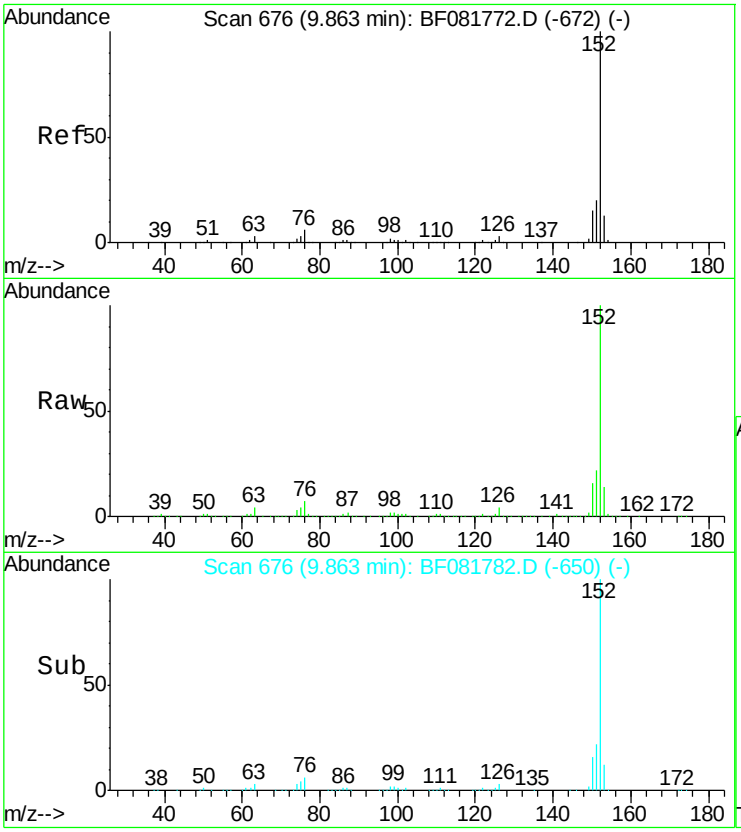


#45
1,1'-Biphenyl
Concen: 12.55 ng
RT: 9.42 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:154 Resp: 432235

Ion	Ratio	Lower	Upper
154	100		
153	39.9	17.1	57.1
76	8.1	0.0	31.6



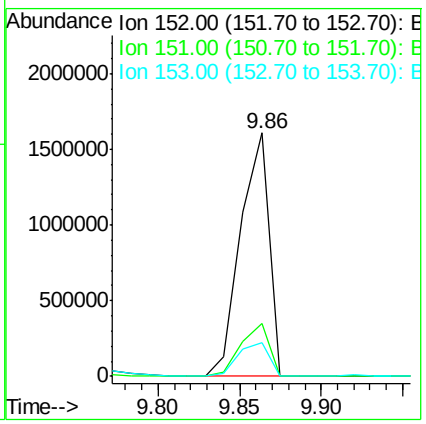


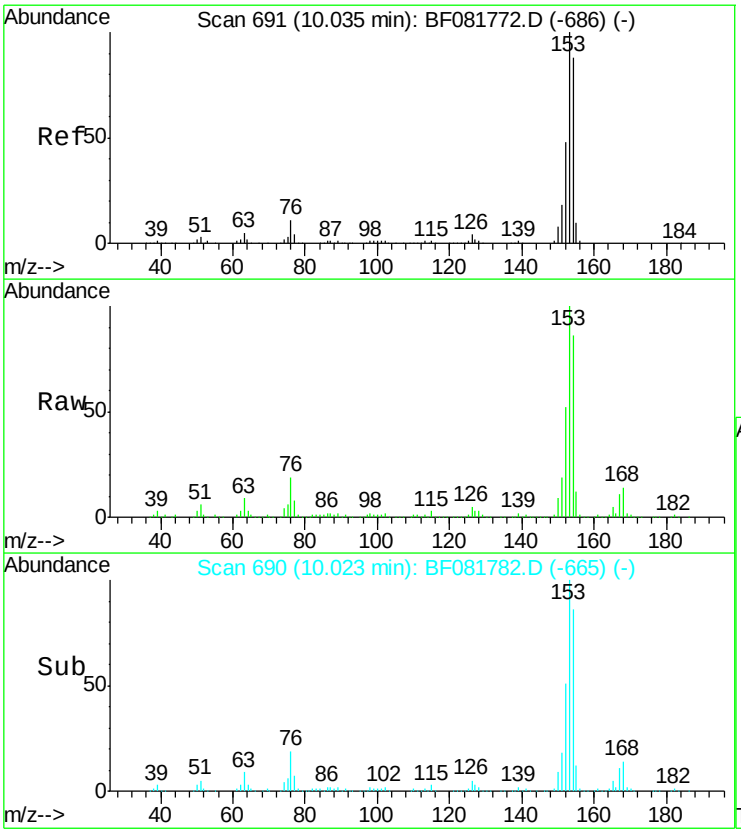
#48
Acenaphthylene
Concen: 41.46 ng
RT: 9.86 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:152 Resp: 1944240

Ion	Ratio	Lower	Upper
152	100		
151	21.8	14.6	22.0
153	14.0	10.3	15.5

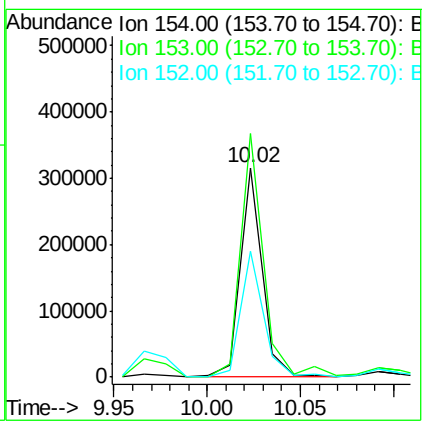


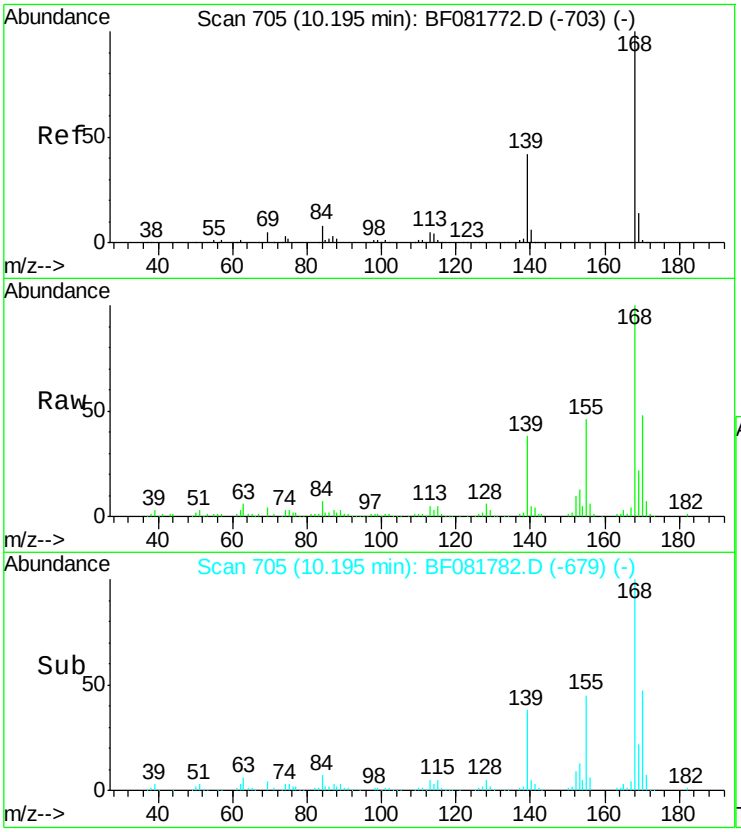


#51
Acenaphthene
Concen: 9.42 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:154 Resp: 254561

Ion	Ratio	Lower	Upper
154	100		
153	116.4	82.1	123.1
152	60.0	37.9	56.9#



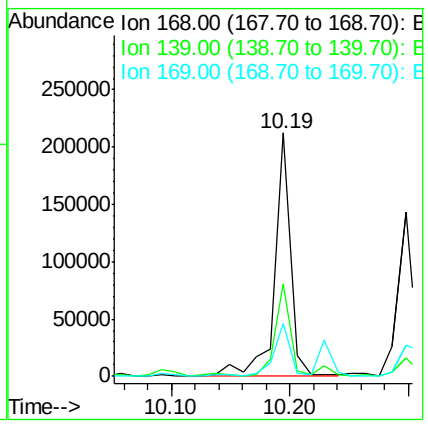


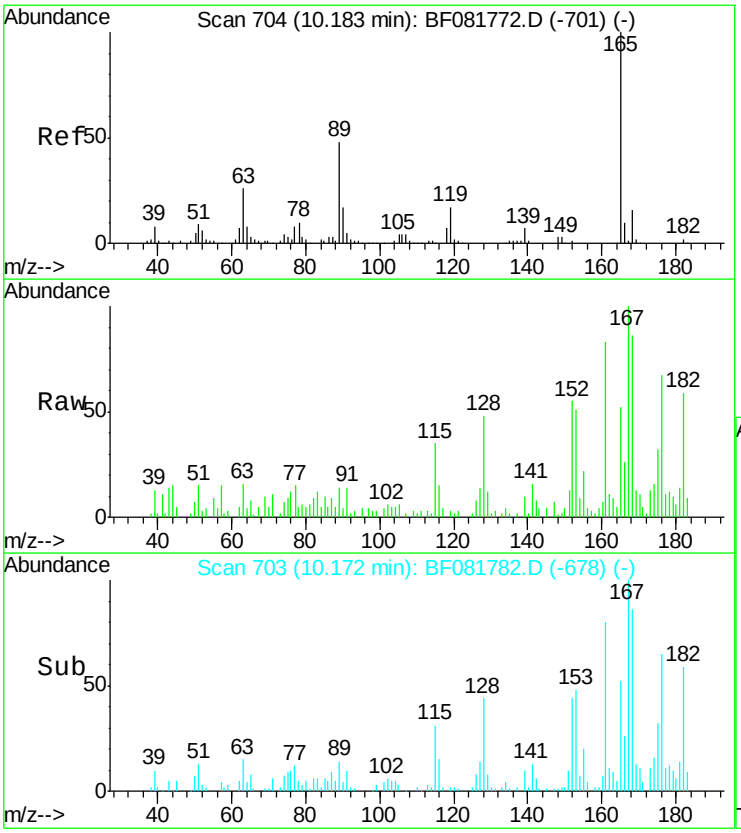
#54
Dibenzofuran
Concen: 5.07 ng
RT: 10.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:168 Resp: 201019

Ion	Ratio	Lower	Upper
168	100		
139	38.1	24.2	36.2#
169	22.0	10.6	15.8#

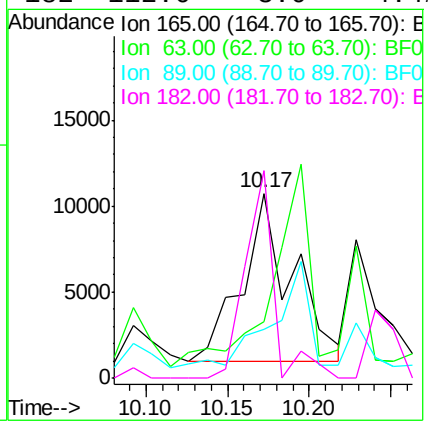


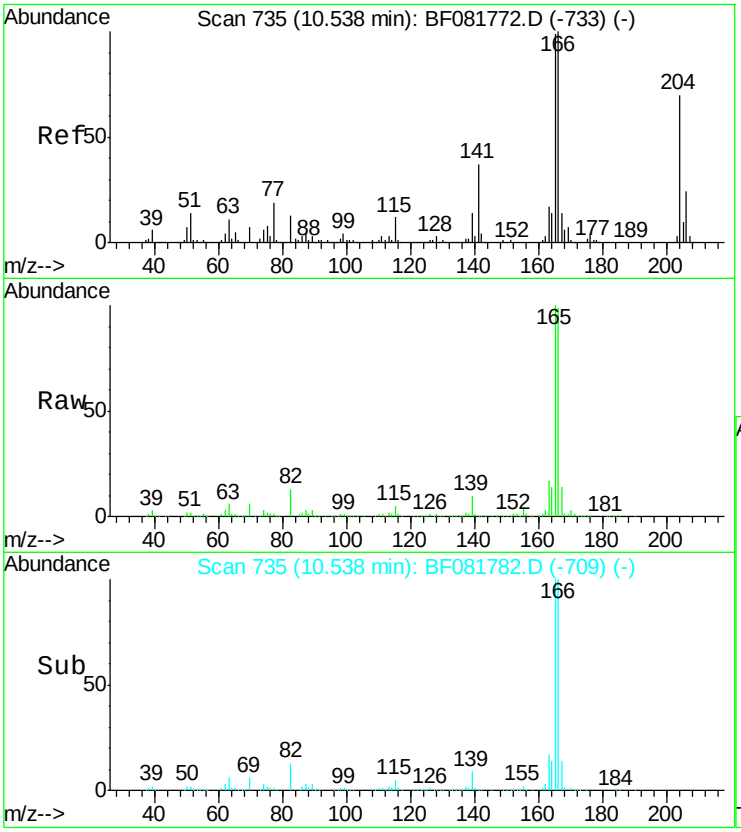


#56
2,4-Dinitrotoluene
Concen: 2.73 ng
RT: 10.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:165 Resp: 21152

Ion	Ratio	Lower	Upper
165	100		
63	30.7	29.8	44.6
89	26.3	44.5	66.7#
182	112.6	3.0	4.4#



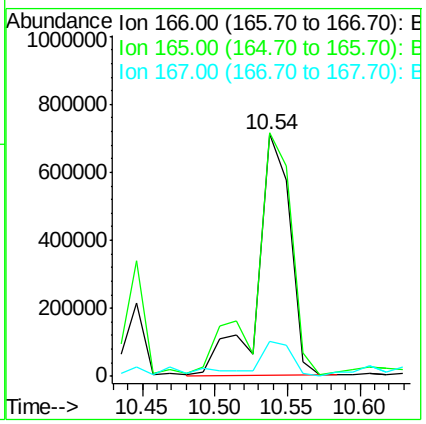


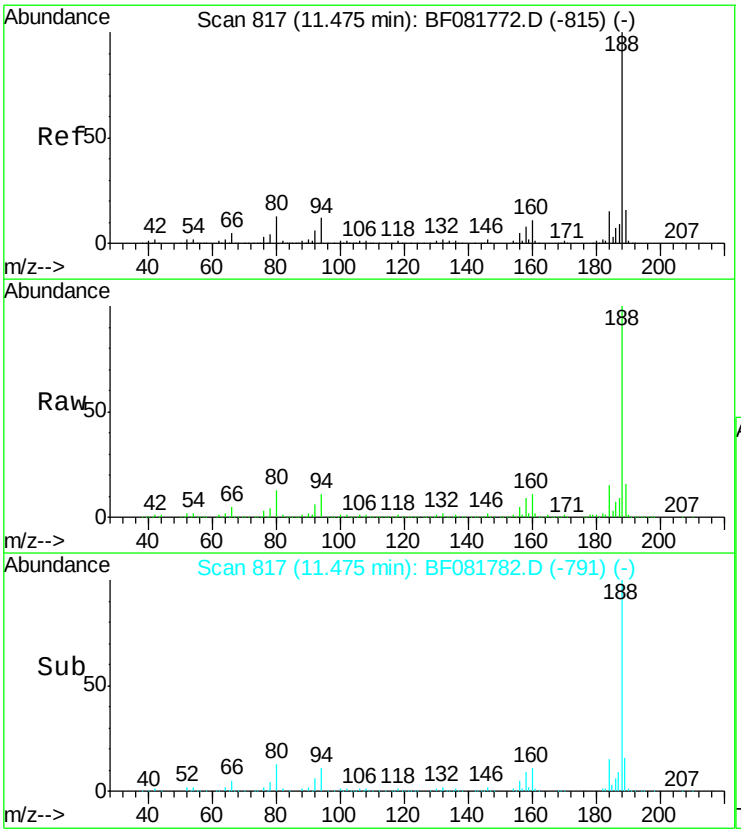
#57
Fluorene
Concen: 36.61 ng
RT: 10.54 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:166 Resp: 1113820

Ion	Ratio	Lower	Upper
166	100		
165	100.6	72.6	109.0
167	14.6	10.6	16.0

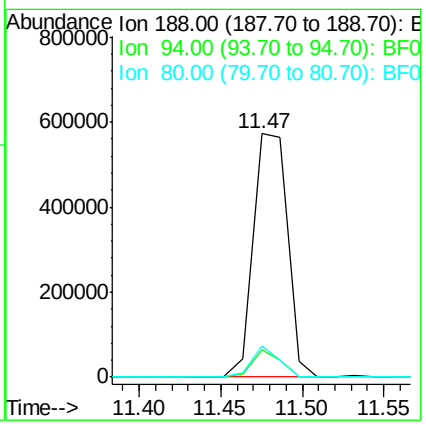


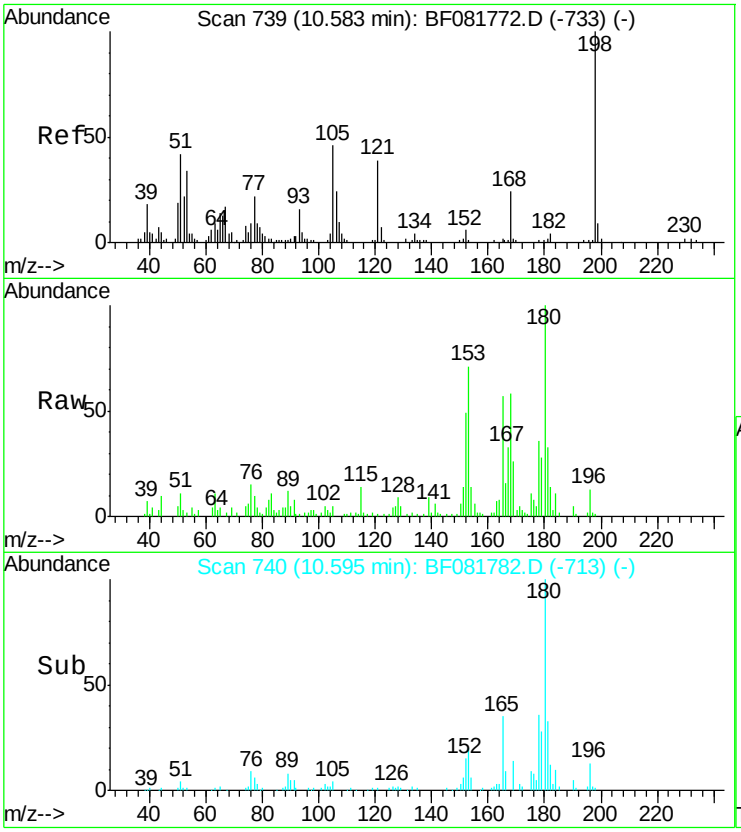


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:188 Resp: 836344

Ion	Ratio	Lower	Upper
188	100		
94	11.4	11.1	16.7
80	12.6	11.0	16.4



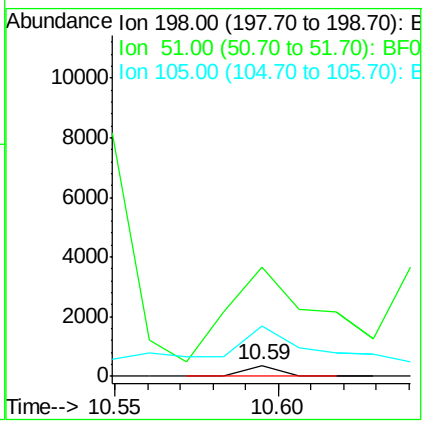


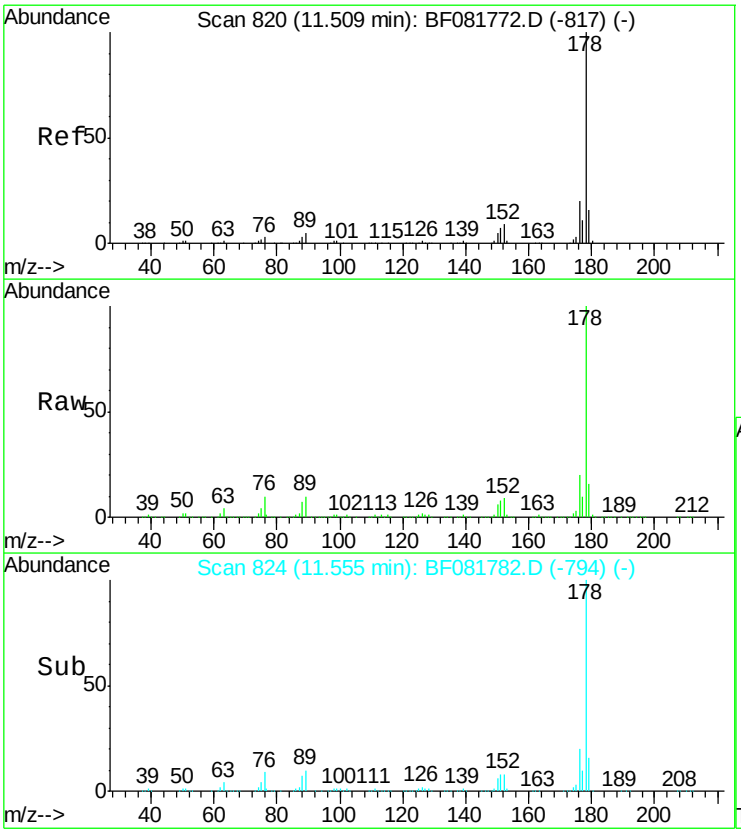
#64
4,6-Dinitro-2-methylphenol
Concen: 7.58 ng
RT: 10.59 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:198 Resp: 250

Ion	Ratio	Lower	Upper
198	100		
51	1004.4	39.6	79.6#
105	468.4	28.5	68.5#

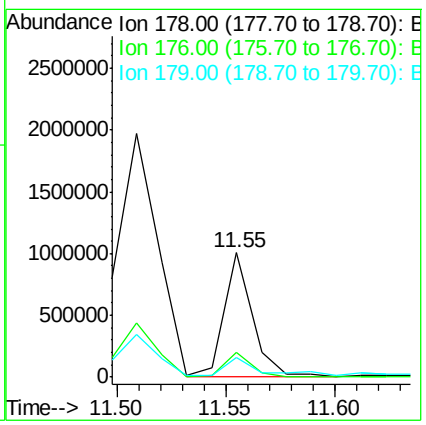


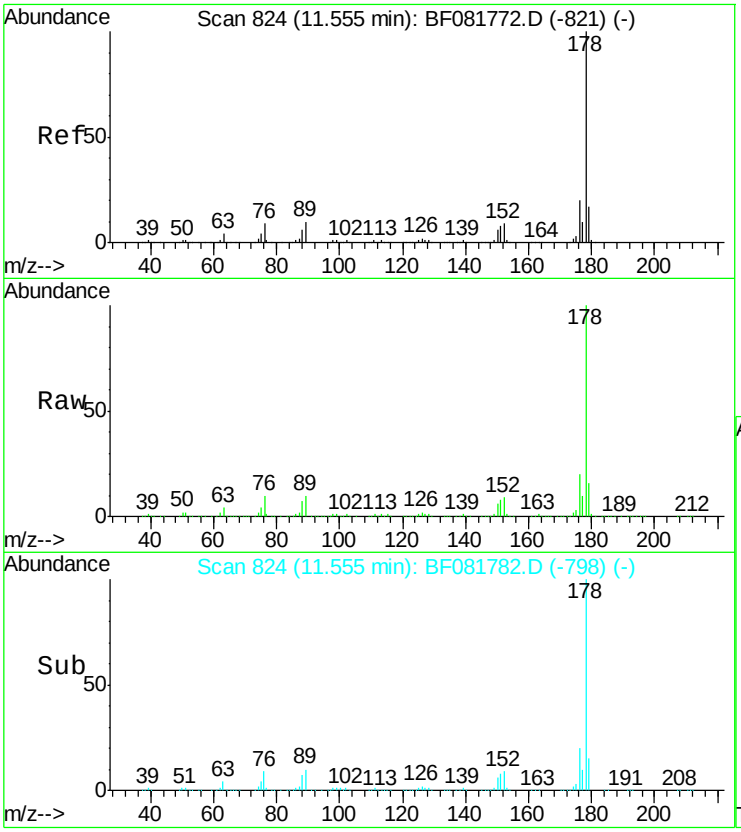


#70
Phenanthrene
Concen: 18.52 ng
RT: 11.55 min Scan# 824
Delta R.T. 0.05 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:178 Resp: 885636

Ion	Ratio	Lower	Upper
178	100		
176	19.9	13.8	20.8
179	16.2	12.2	18.2



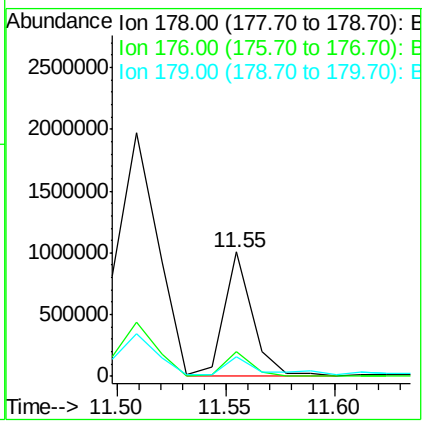


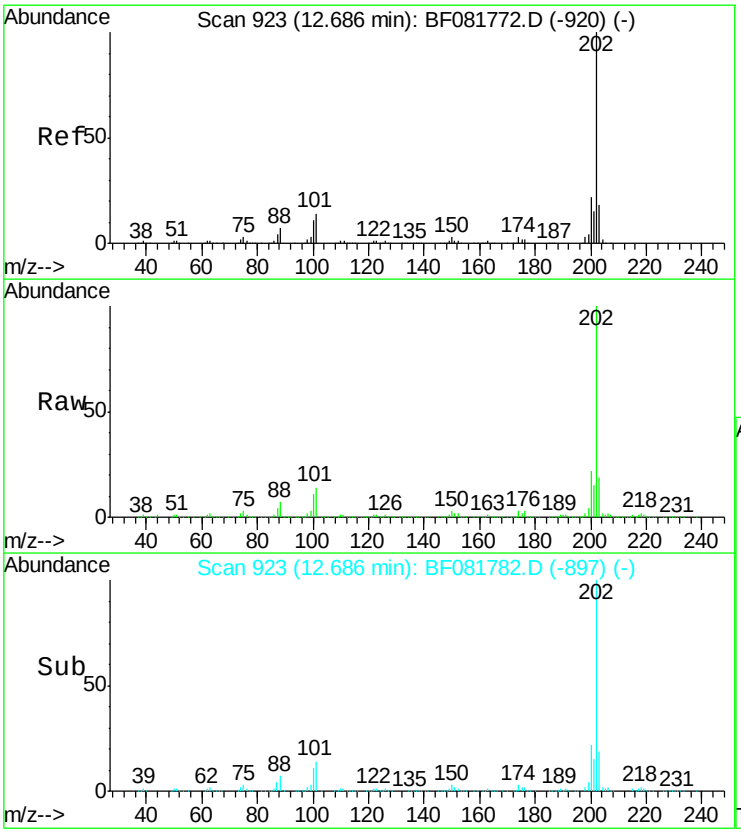
#71
Anthracene
Concen: 19.22 ng
RT: 11.55 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:178 Resp: 885636

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.1	21.1
179	16.2	12.2	18.2

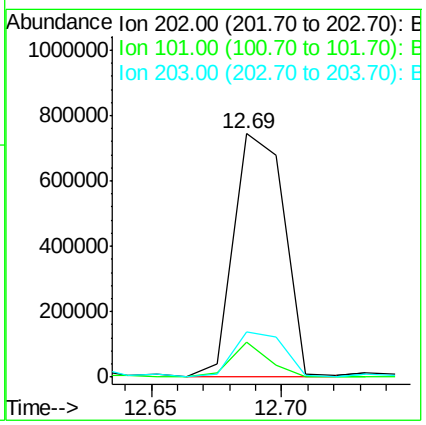


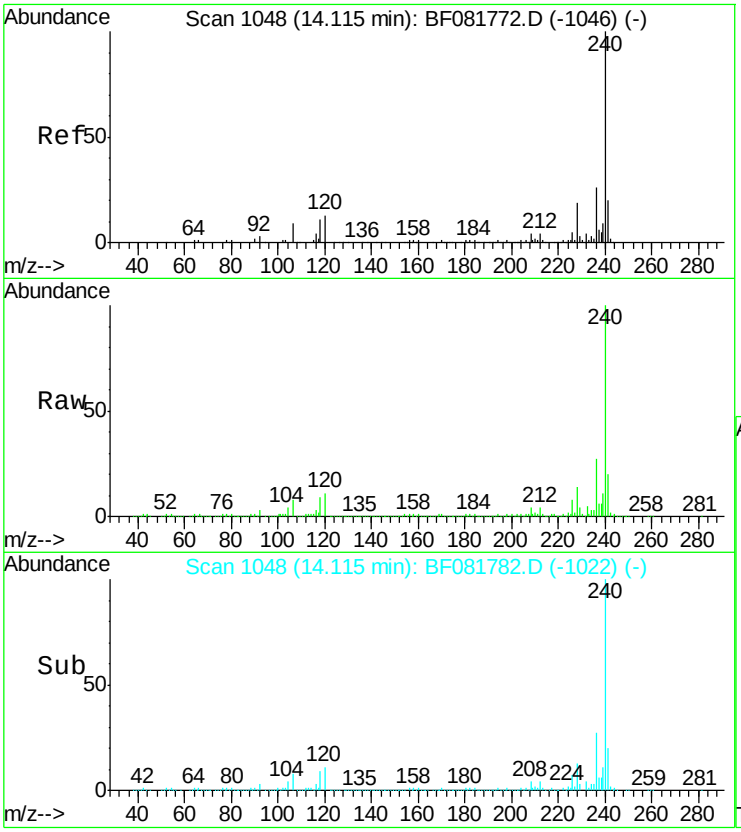


#74
Fluoranthene
Concen: 20.84 ng
RT: 12.69 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:202 Resp: 1004279

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	38.3
203	18.6	0.0	37.3



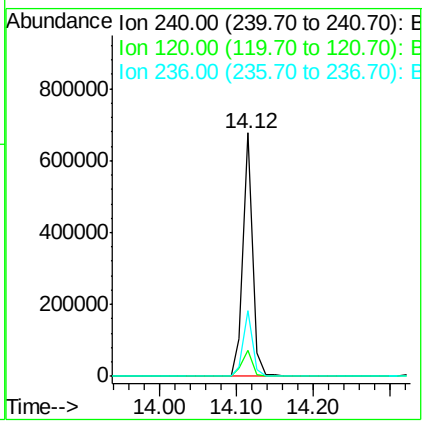


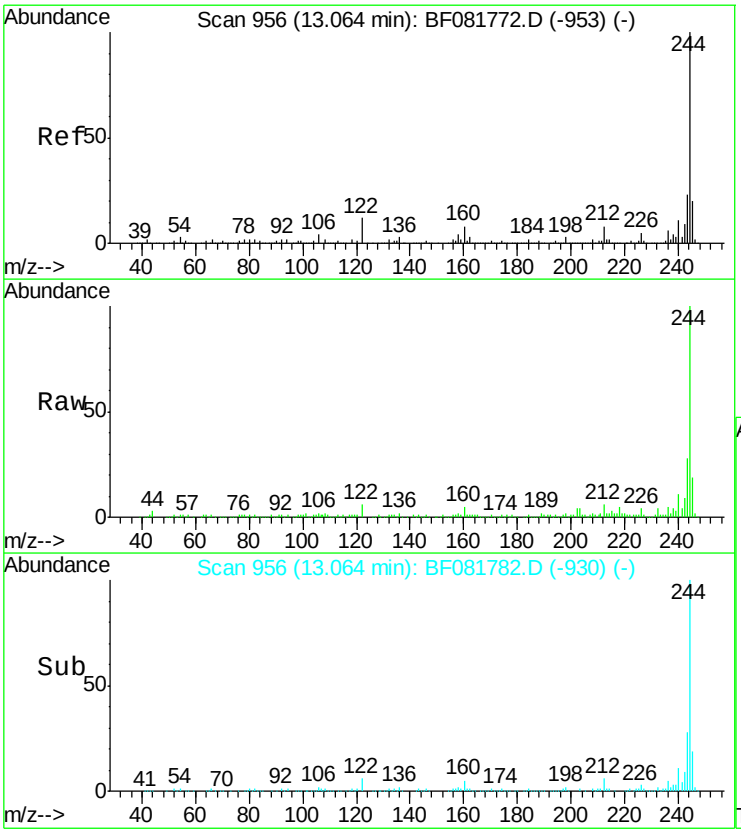
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:240 Resp: 592969

Ion	Ratio	Lower	Upper
240	100		
120	10.9	16.2	24.2#
236	27.0	18.4	27.6

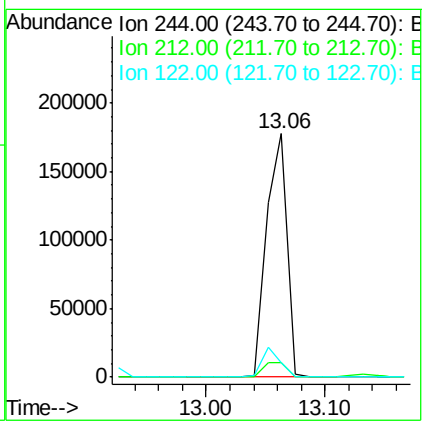


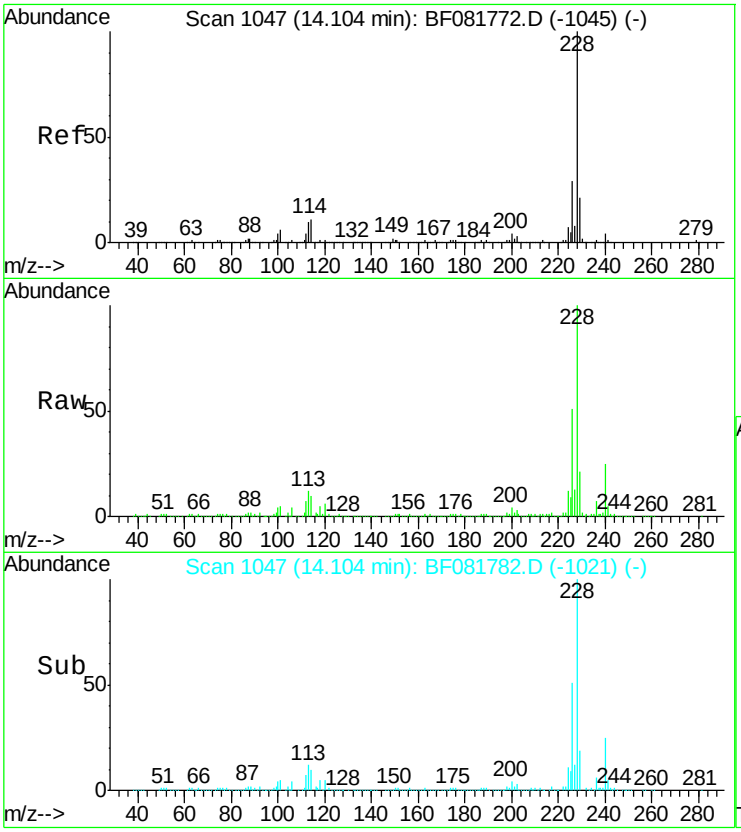


#78
Terphenyl-d14
Concen: 8.21 ng
RT: 13.06 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:244 Resp: 213209

Ion	Ratio	Lower	Upper
244	100		
212	6.1	4.3	6.5
122	5.9	17.4	26.2#



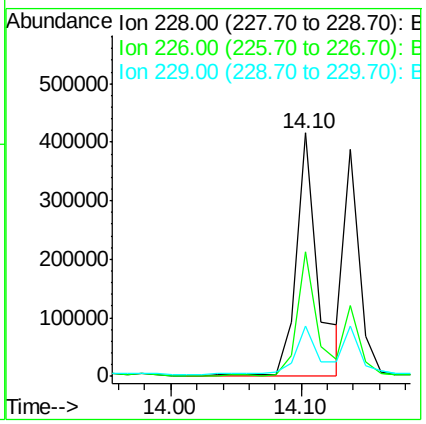


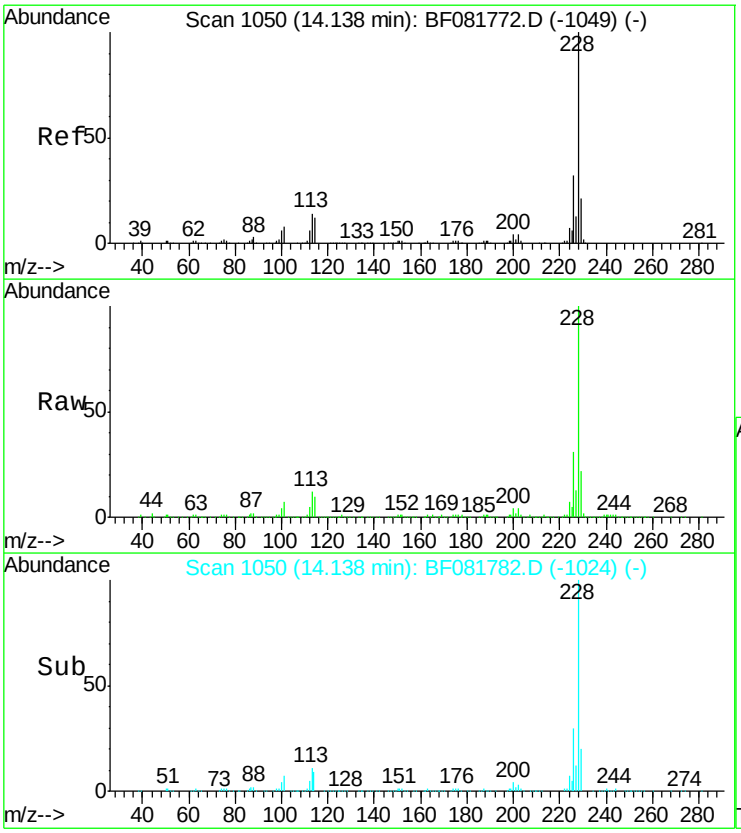
#80
Benzo(a)anthracene
Concen: 13.16 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:228 Resp: 473158

Ion	Ratio	Lower	Upper
228	100		
226	51.2	20.0	30.0#
229	20.8	15.4	23.2

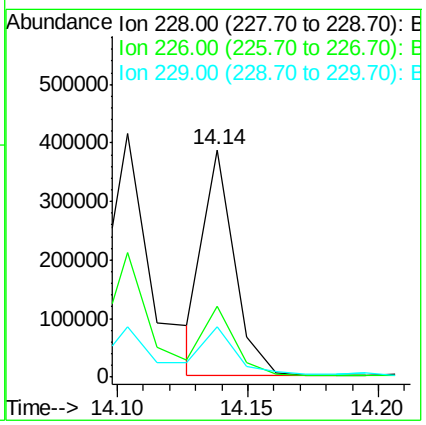


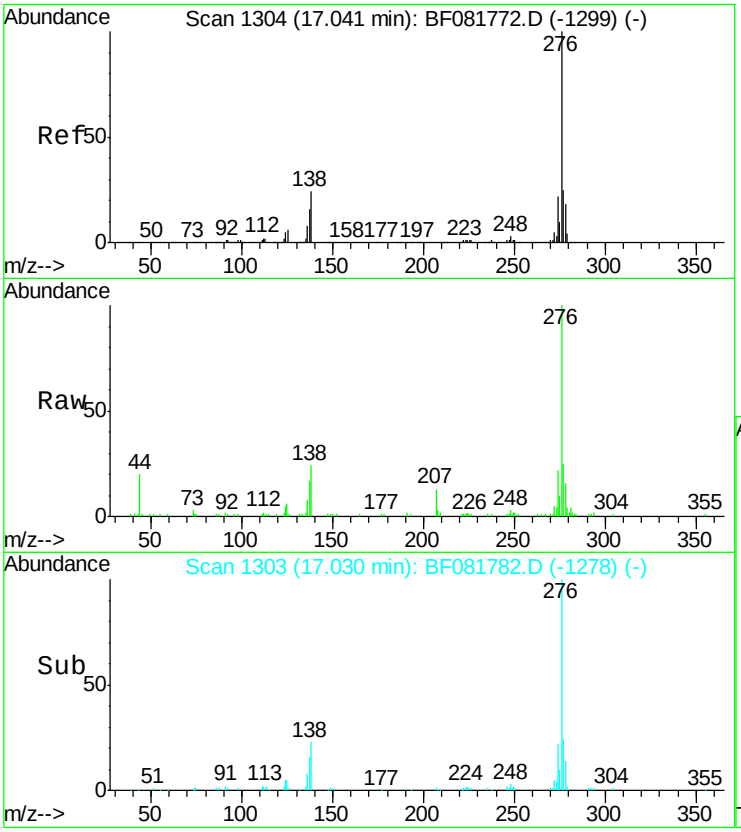


#82
Chrysene
Concen: 9.14 ng
RT: 14.14 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:228 Resp: 315185

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.0	31.4
229	22.1	15.6	23.4



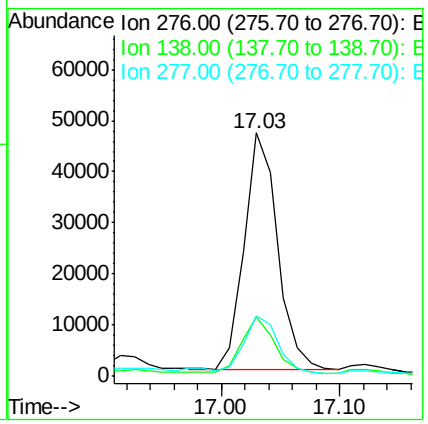


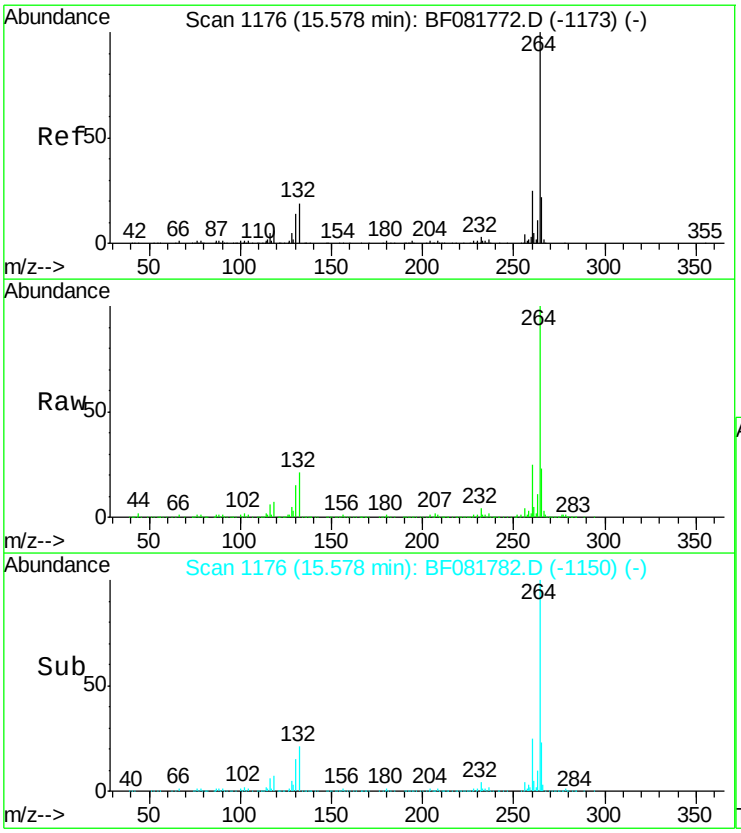
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.86 ng
RT: 17.03 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:276 Resp: 90170

Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.7	38.5#
277	25.1	15.6	23.4#

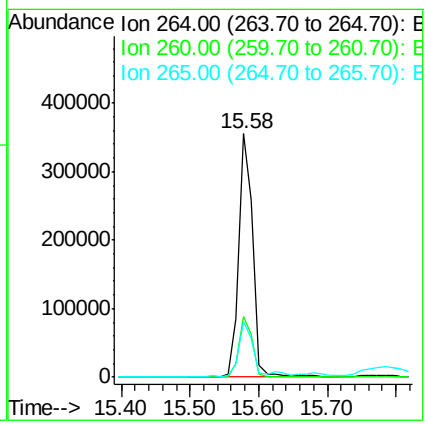


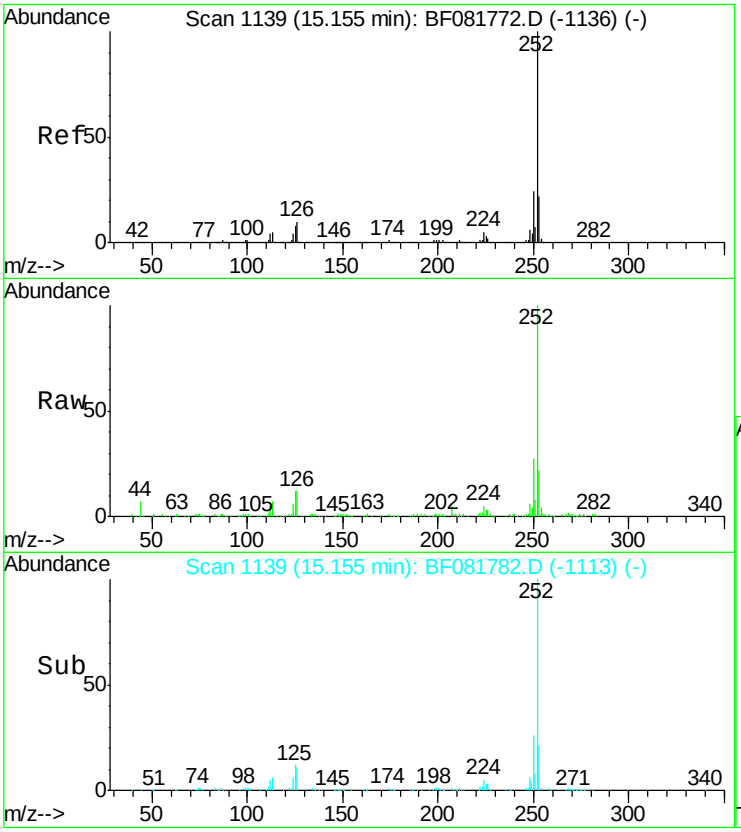


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:264 Resp: 510201

Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	22.9	17.2	25.8



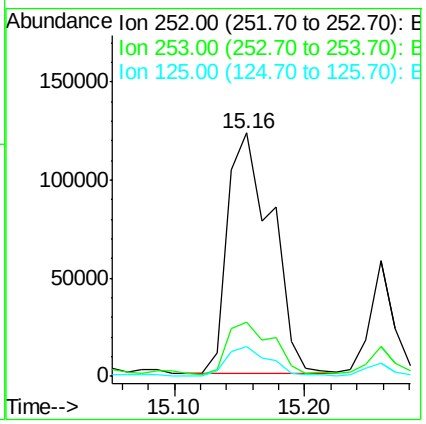


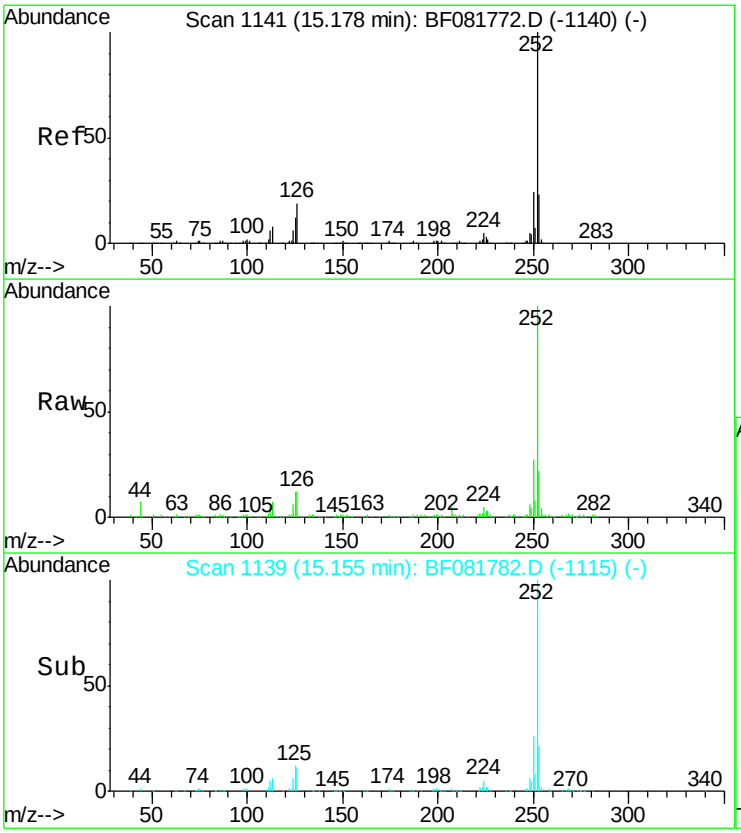
#87
Benzo(b)fluoranthene
Concen: 9.54 ng
RT: 15.16 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:252 Resp: 288501

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	12.4	17.1	25.7#

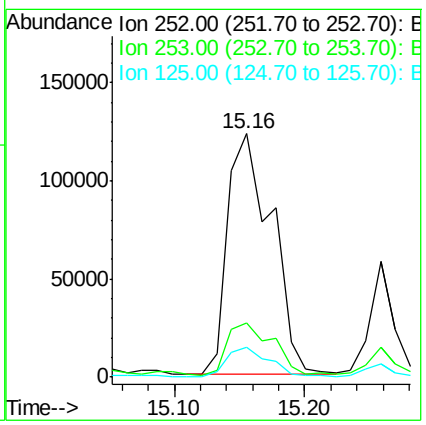


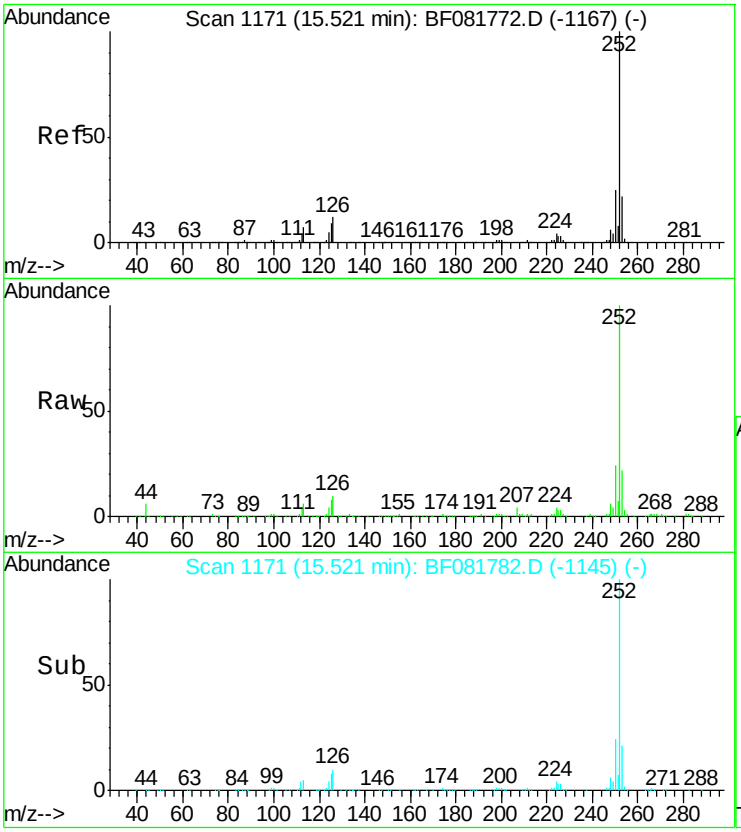


#88
Benzo(k)fluoranthene
Concen: 9.90 ng
RT: 15.16 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:252 Resp: 288501

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	12.4	16.0	24.0#



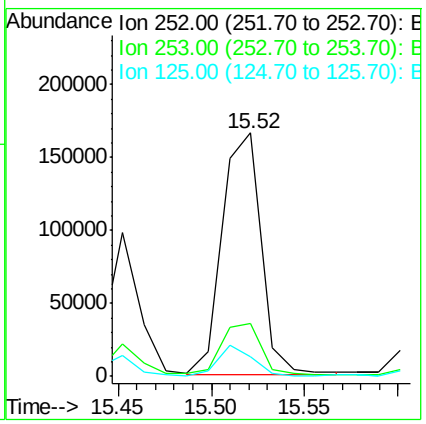


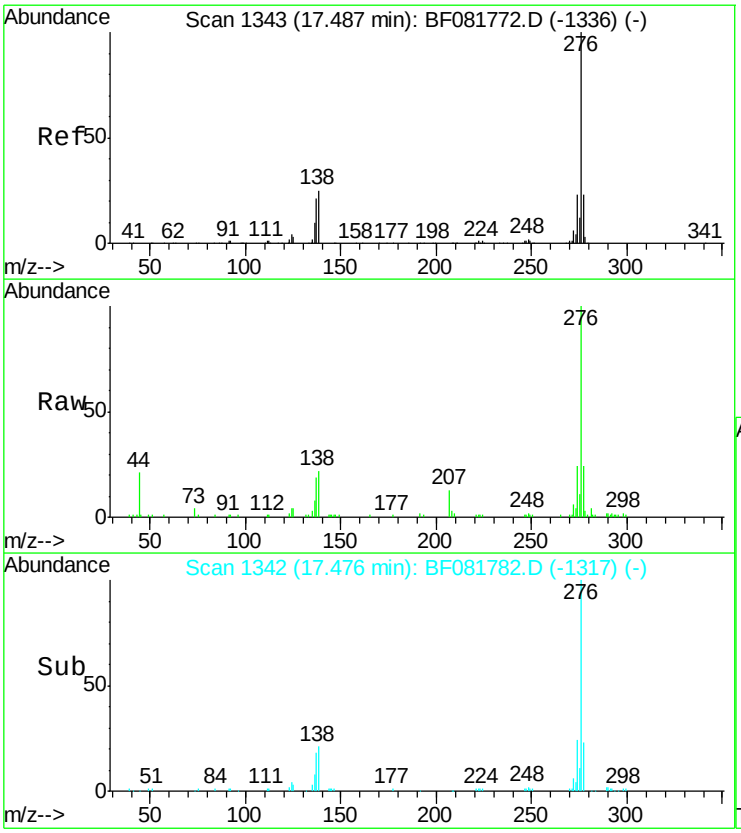
#89
Benzo(a)pyrene
Concen: 8.93 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MGP201-19-20DL

Tgt Ion:252 Resp: 243893

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	7.9	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 3.17 ng
RT: 17.48 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF081782.D
Acq: 25 Sep 2015 00:33

Tgt Ion:276 Resp: 92892

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.8	26.6
138	22.0	34.6	51.8#