Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082377.D
Acq On : 20 Oct 2015 2:39
Operator : UM/IZ
Sample : G4040-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-MLA-2.5-04

Quant Time: Oct 20 03:17:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 03:15:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	96571	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	361832	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	182624	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	332910	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	236072	20.00	ng		0.00
86) Perylene-d12	15.54	264	210385	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	722752	151.05	ng		0.01
7) Phenol-d6	6.45	99	897853	144.19	ng		-0.01
23) Nitrobenzene-d5	7.37	82	552704	102.58	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	218132	127.36	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1182735	107.40	ng		0.00
78) Terphenyl-d14	12.94	244	955618	107.27	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	6.96	79	10668	2.48	ng	#	51
19) n-Nitroso-di-n-propylamine	7.37	70	73249	16.75	ng	#	81
49) Dimethylphthalate	9.57	163	273745	21.29	ng		99
55) 4-Nitrophenol	10.06	139	1593	Below Cal		#	30
56) 2,4-Dinitrotoluene	9.85	165	22675	6.69	ng	#	22
66) 4-Bromophenyl-phenylether	10.64	248	15298	4.59	ng	#	1
70) Phenanthrene	11.36	178	77020	4.72	ng		99
74) Fluoranthene	12.55	202	100843	5.75	ng		97
77) Pyrene	12.78	202	95600	6.82	ng		97
80) Benzo(a)anthracene	14.01	228	50348	4.10	ng		96
82) Chrysene	14.01	228	50348	3.89	ng		96
87) Benzo(b)fluoranthene	15.12	252	57939	4.53	ng	#	89
88) Benzo(k)fluoranthene	15.12	252	57351	5.33	ng	#	87
89) Benzo(a)pyrene	15.48	252	31251	2.84	ng	#	84
91) Benzo(g,h,i)perylene	17.40	276	17685	2.02	ng	#	86

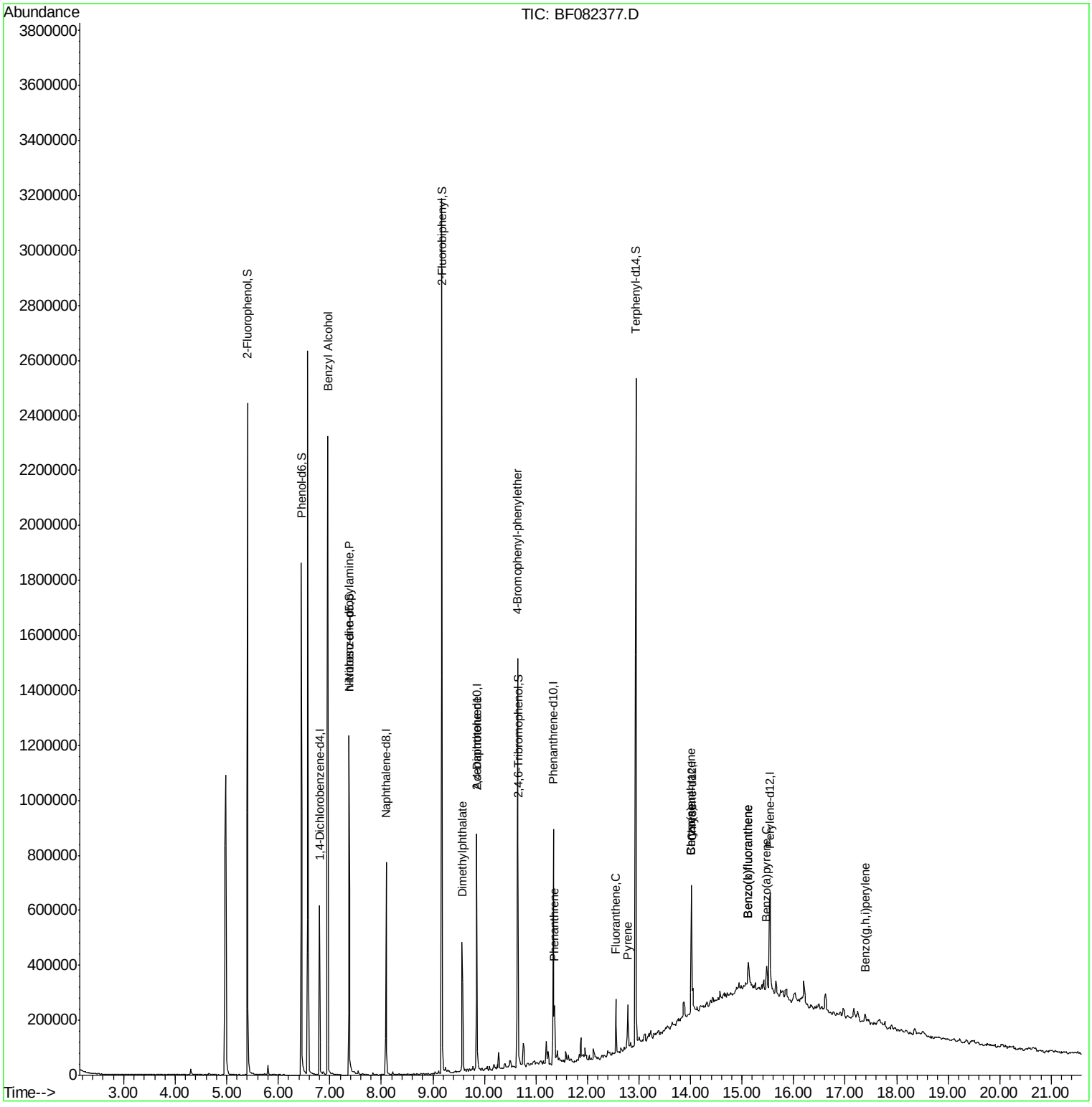
(#) = qualifier out of range (m) = manual integration (+) = signals summed

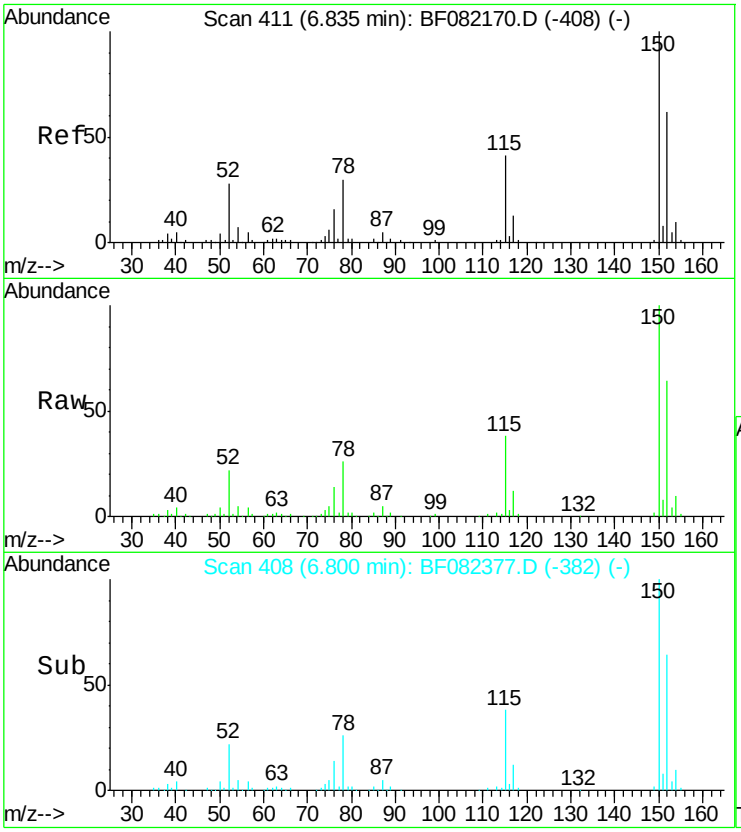
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082377.D
Acq On : 20 Oct 2015 2:39
Operator : UM/IZ
Sample : G4040-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Quant Time: Oct 20 03:17:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 03:15:01 2015
Response via : Initial Calibration



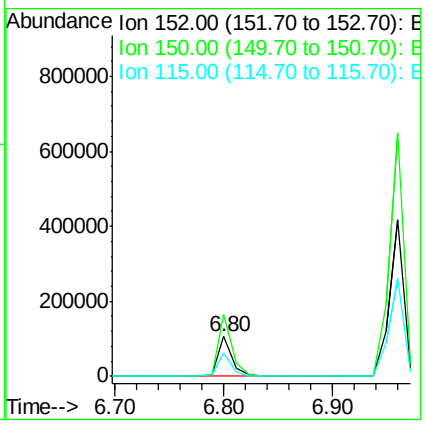


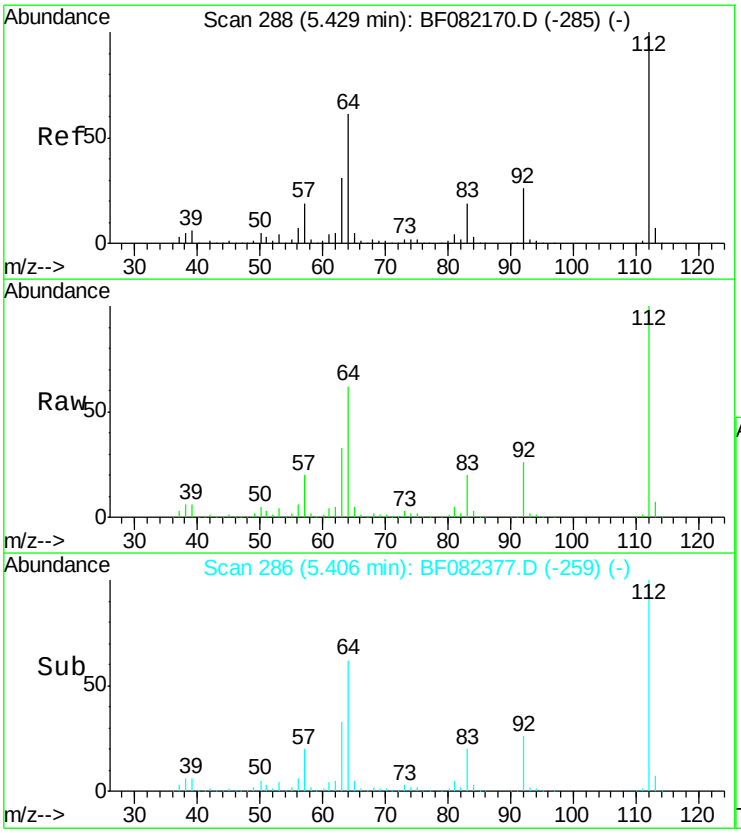
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion:152 Resp: 96571

Ion	Ratio	Lower	Upper
152	100		
150	156.6	129.0	193.4
115	59.6	52.1	78.1

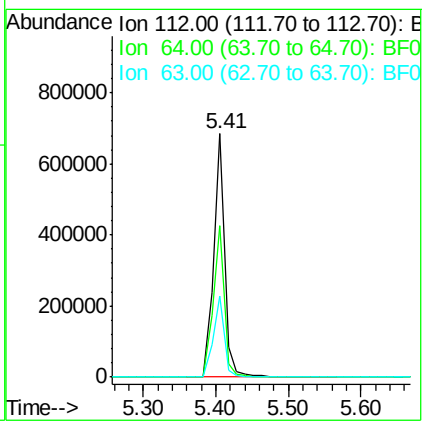


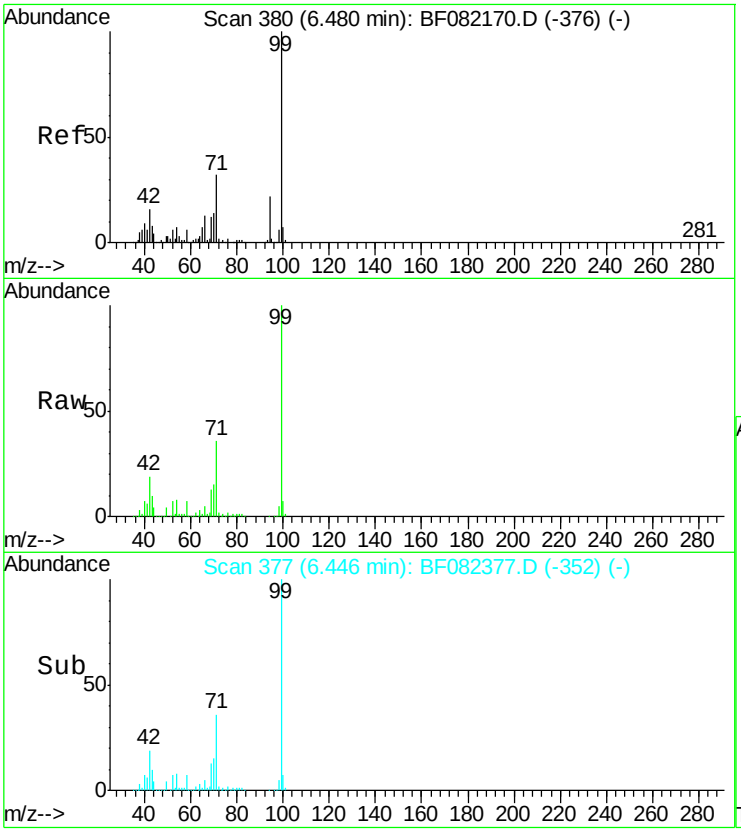


#5
2-Fluorophenol
Concen: 151.05 ng
RT: 5.41 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion:112 Resp: 722752

Ion	Ratio	Lower	Upper
112	100		
64	62.2	48.6	73.0
63	33.1	25.1	37.7



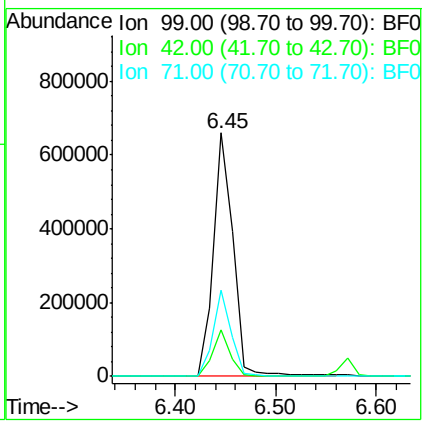


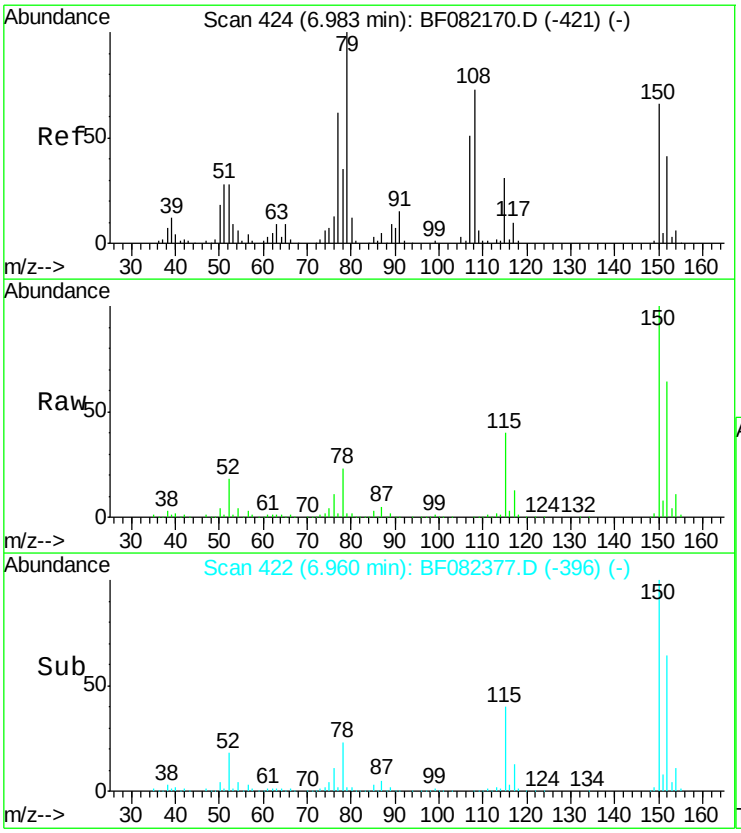
#7
Phenol-d6
Concen: 144.19 ng
RT: 6.45 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion: 99 Resp: 897853

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.2	19.8
71	35.5	25.6	38.4

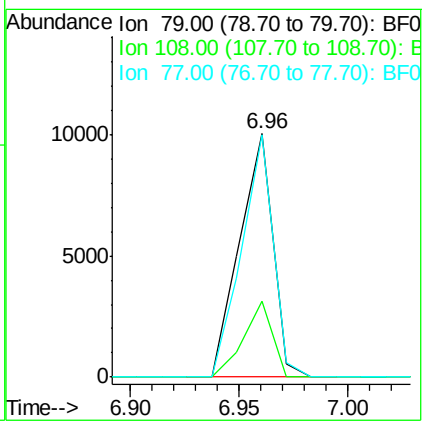


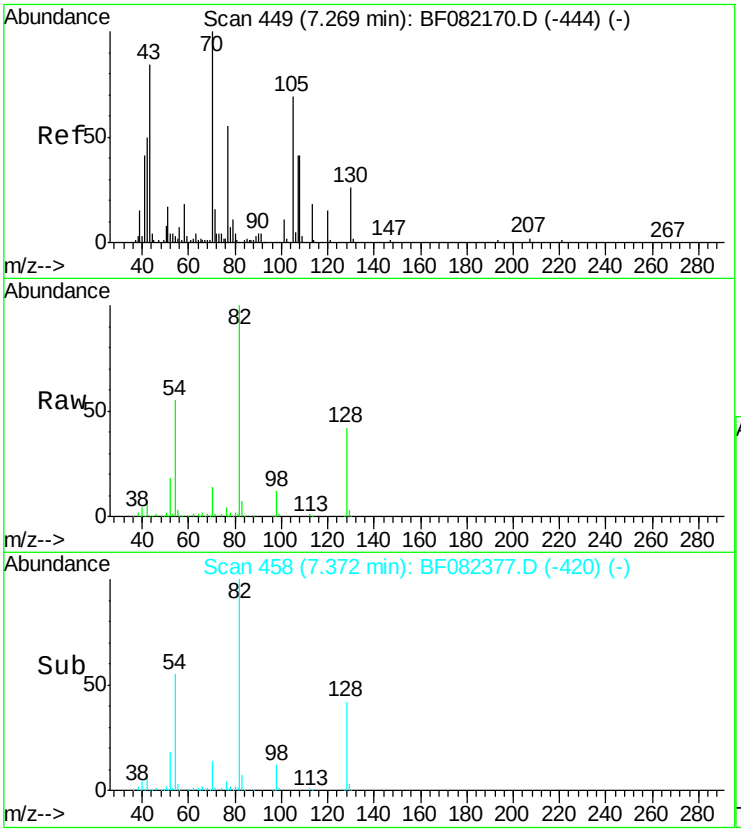


#15
Benzyl Alcohol
Concen: 2.48 ng
RT: 6.96 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion: 79 Resp: 10668

Ion	Ratio	Lower	Upper
79	100		
108	31.4	58.4	87.6#
77	99.7	49.8	74.6#



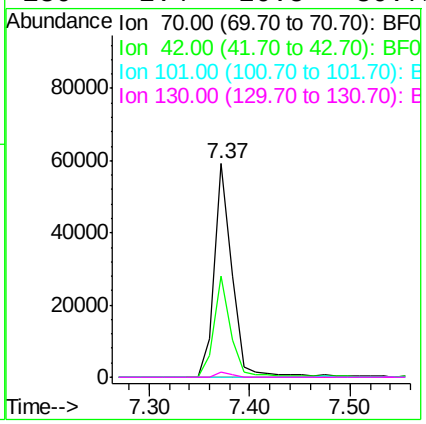


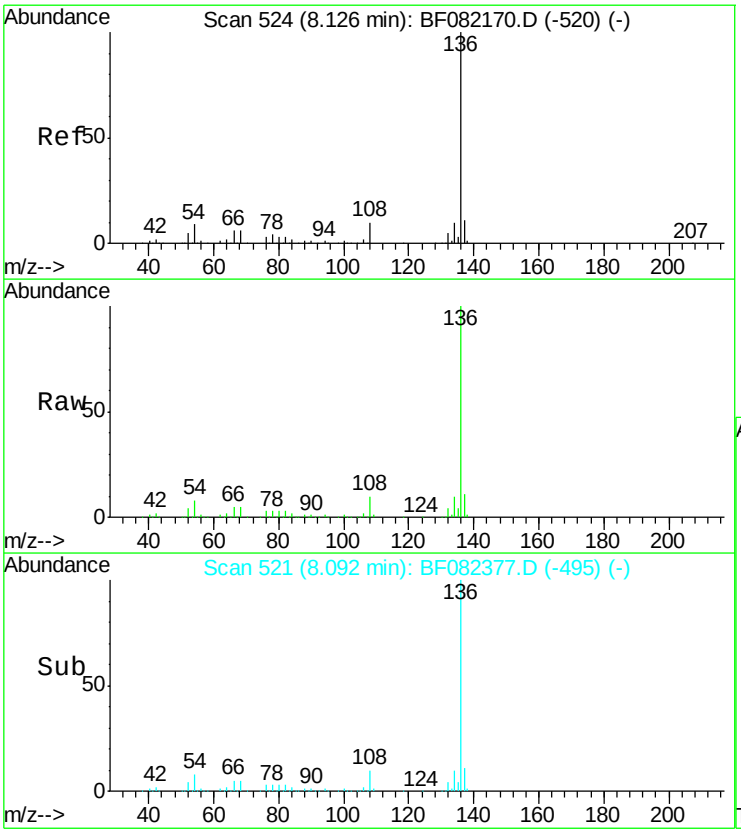
#19
n-Nitroso-di-n-propylamine
Concen: 16.75 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.14 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion: 70 Resp: 73249

Ion	Ratio	Lower	Upper
70	100		
42	47.2	39.8	59.8
101	0.0	8.6	13.0#
130	2.4	20.5	30.7#

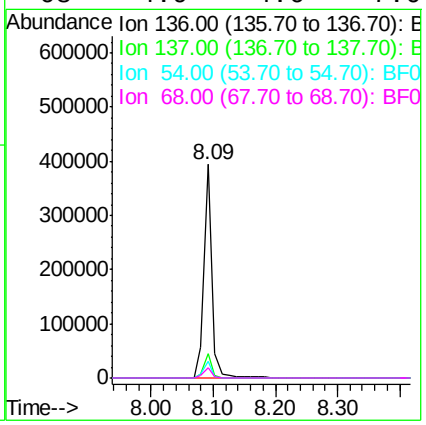


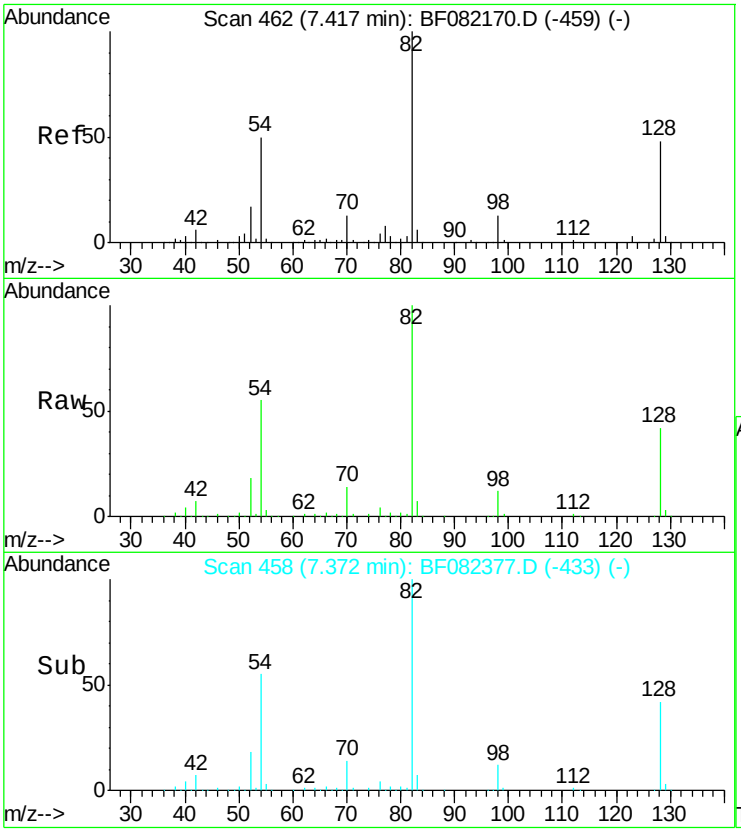


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion:136 Resp: 361832

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.6	7.5	11.3
68	4.9	4.6	7.0



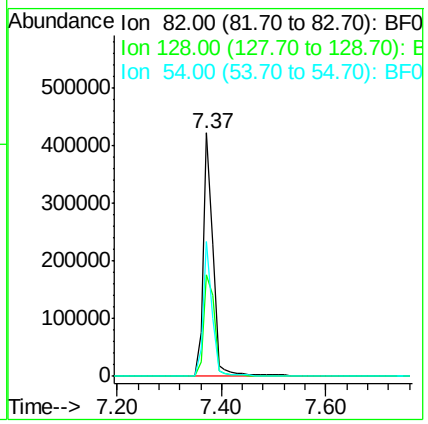


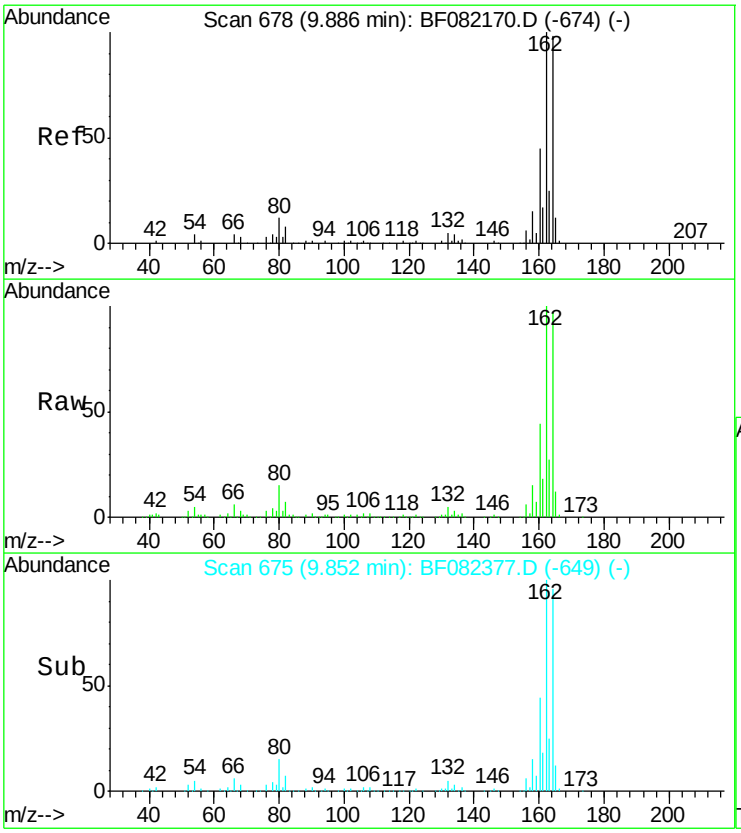
#23
Nitrobenzene-d5
Concen: 102.58 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion: 82 Resp: 552704

Ion	Ratio	Lower	Upper
82	100		
128	41.6	38.7	58.1
54	55.4	40.1	60.1

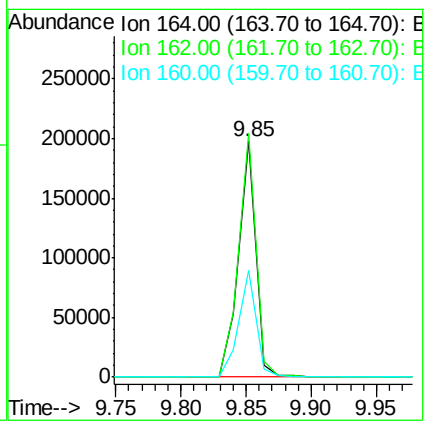


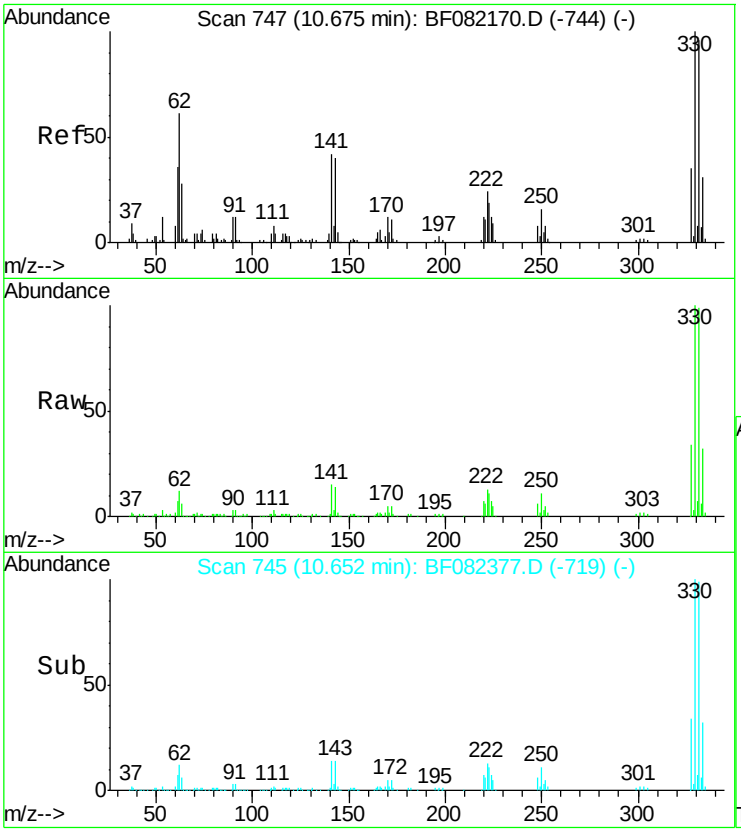


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion:164 Resp: 182624

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.6	122.4
160	45.5	36.4	54.6



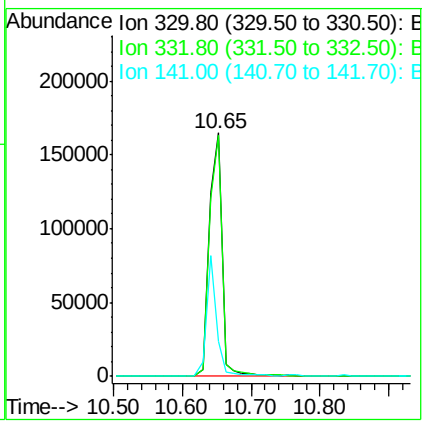


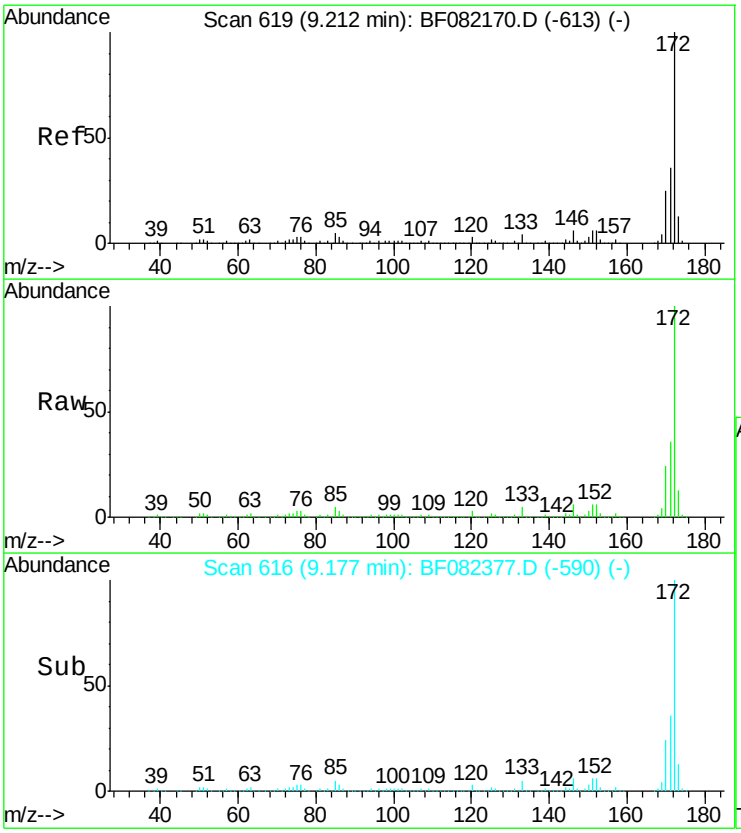
#41
2,4,6-Tribromophenol
Concen: 127.36 ng
RT: 10.65 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion:330 Resp: 218132

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	39.4	29.8	44.8

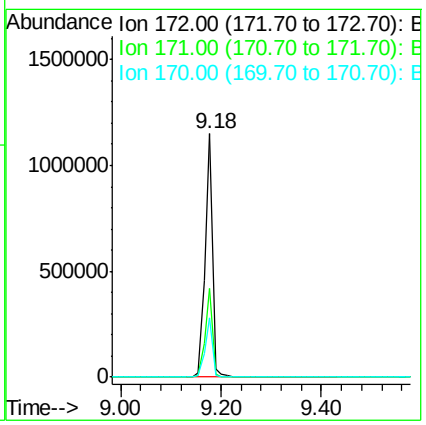


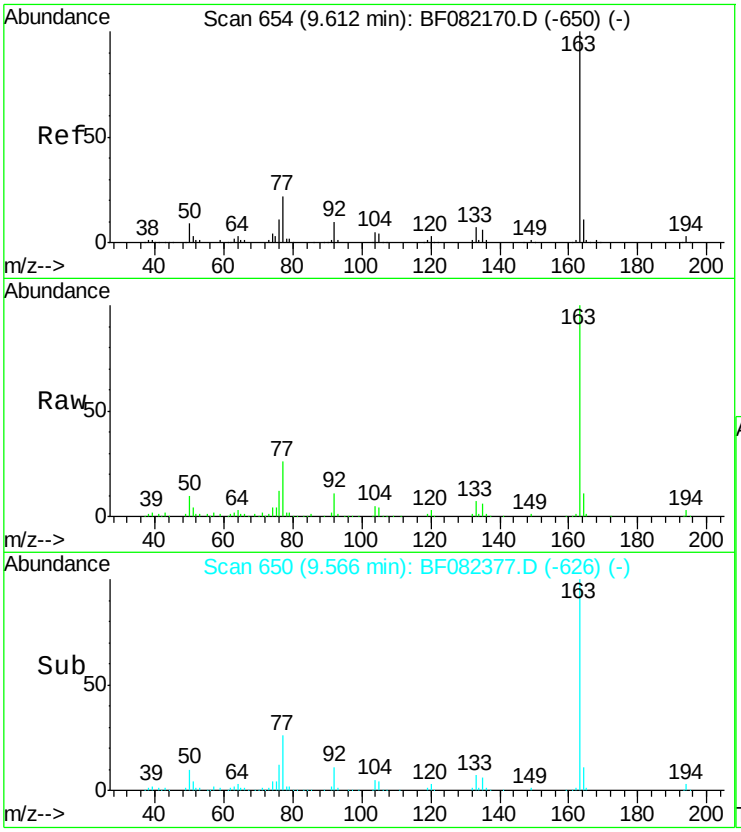


#44
2-Fluorobiphenyl
Concen: 107.40 ng
RT: 9.18 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion:172 Resp: 1182735

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.4	19.7	29.5



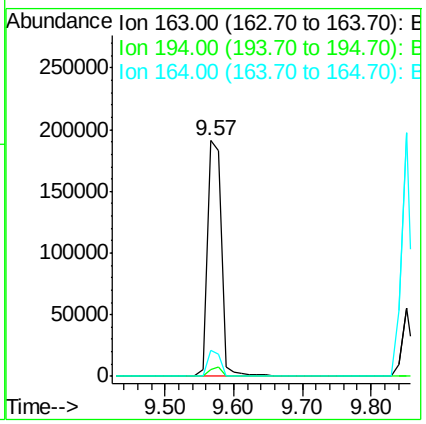


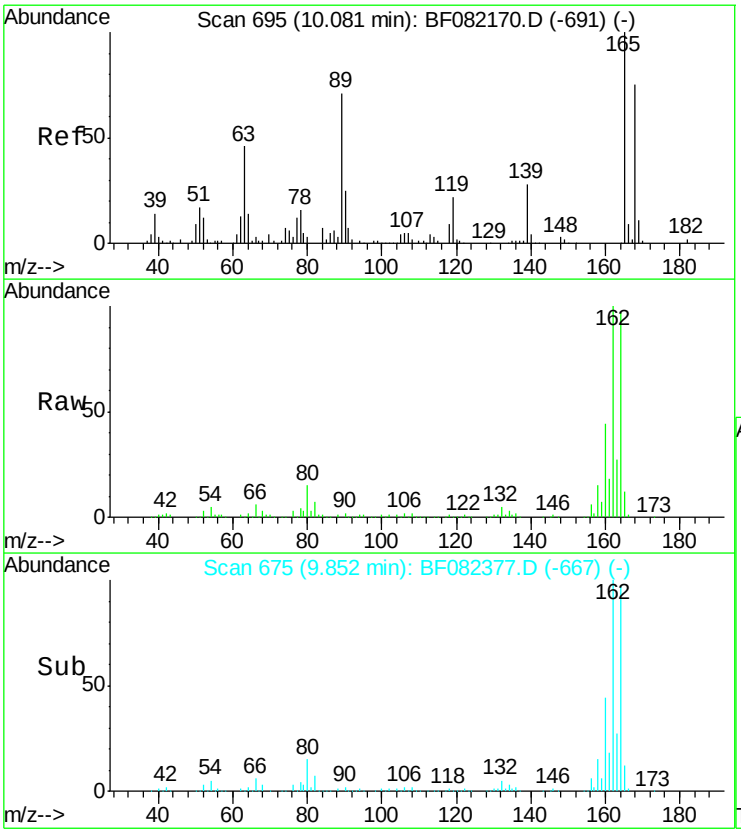
#49
Dimethylphthalate
Concen: 21.29 ng
RT: 9.57 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion:163 Resp: 273745

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.8	8.5	12.7

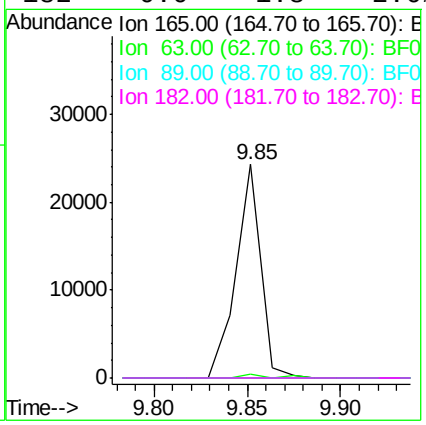


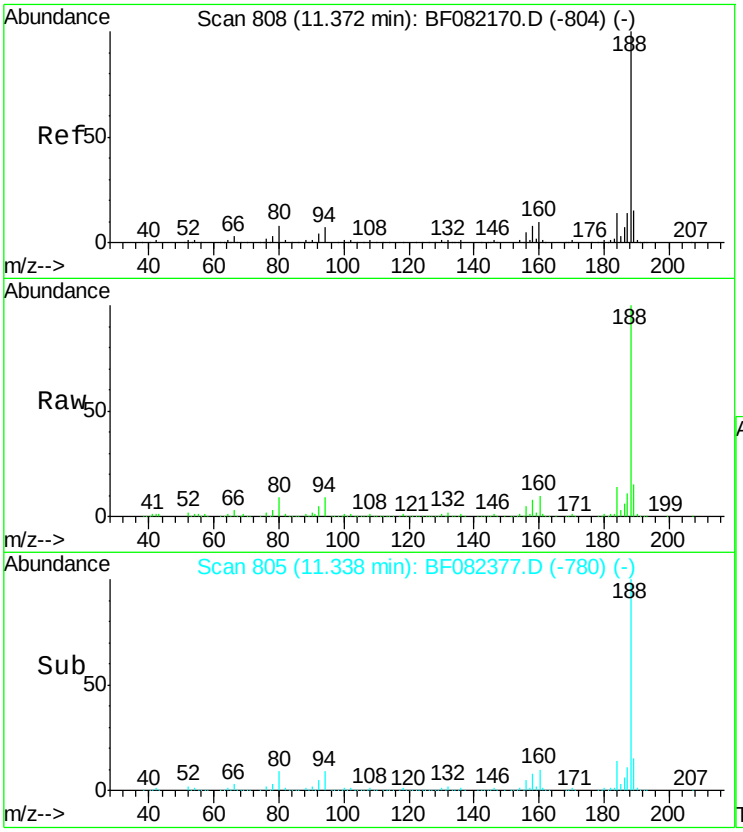


#56
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion:165 Resp: 22675

Ion	Ratio	Lower	Upper
165	100		
63	1.5	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#



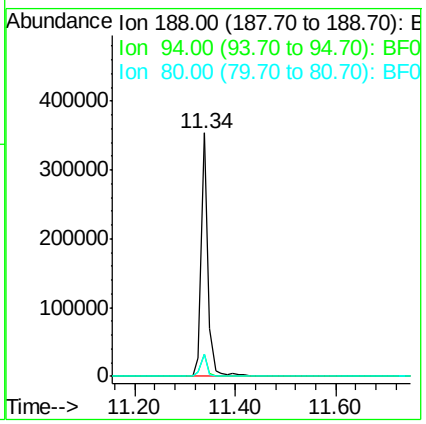


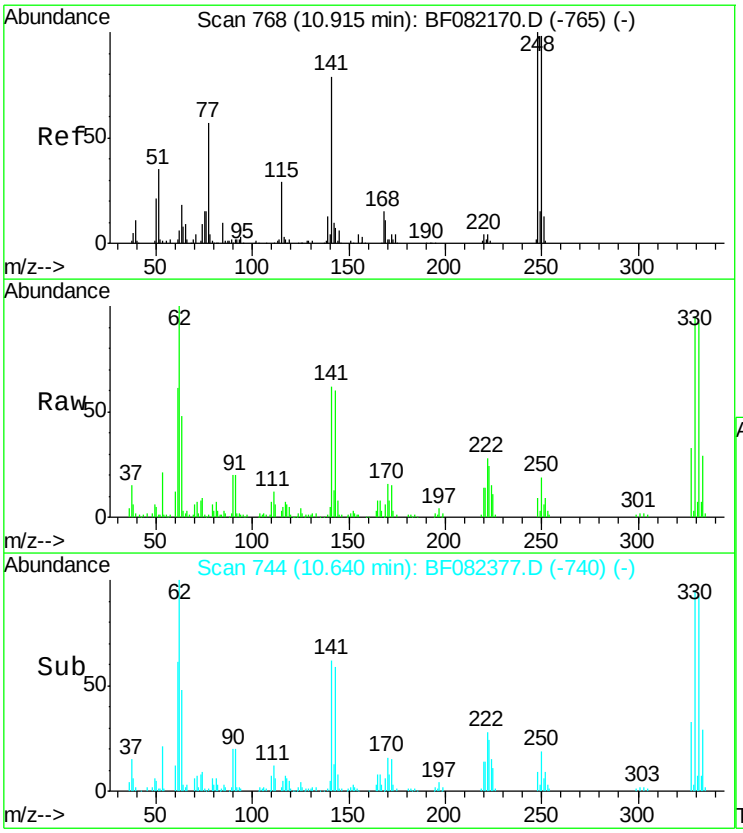
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion:188 Resp: 332910

Ion	Ratio	Lower	Upper
188	100		
94	8.9	5.8	8.6#
80	9.3	6.4	9.6

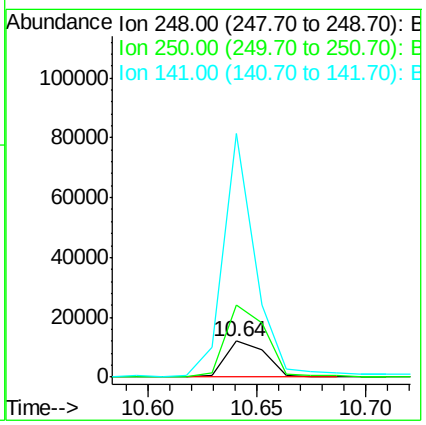


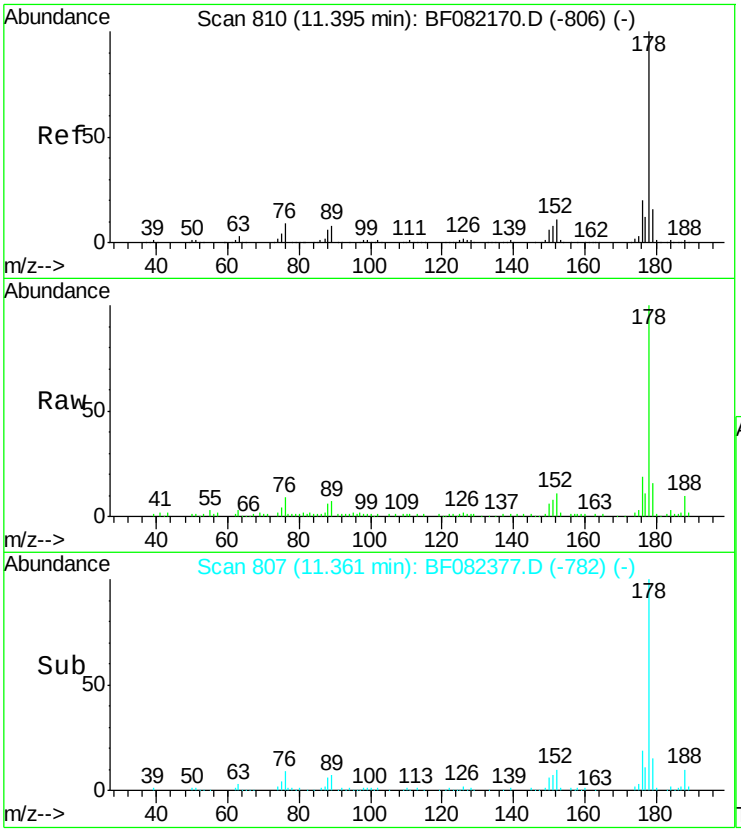


#66
4-Bromophenyl-phenylether
Concen: 4.59 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion:248 Resp: 15298

Ion	Ratio	Lower	Upper
248	100		
250	202.6	78.6	117.8#
141	681.5	63.3	94.9#



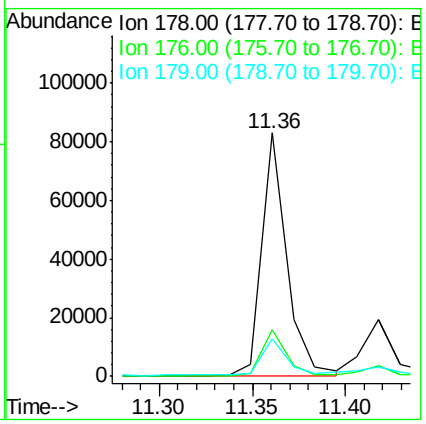


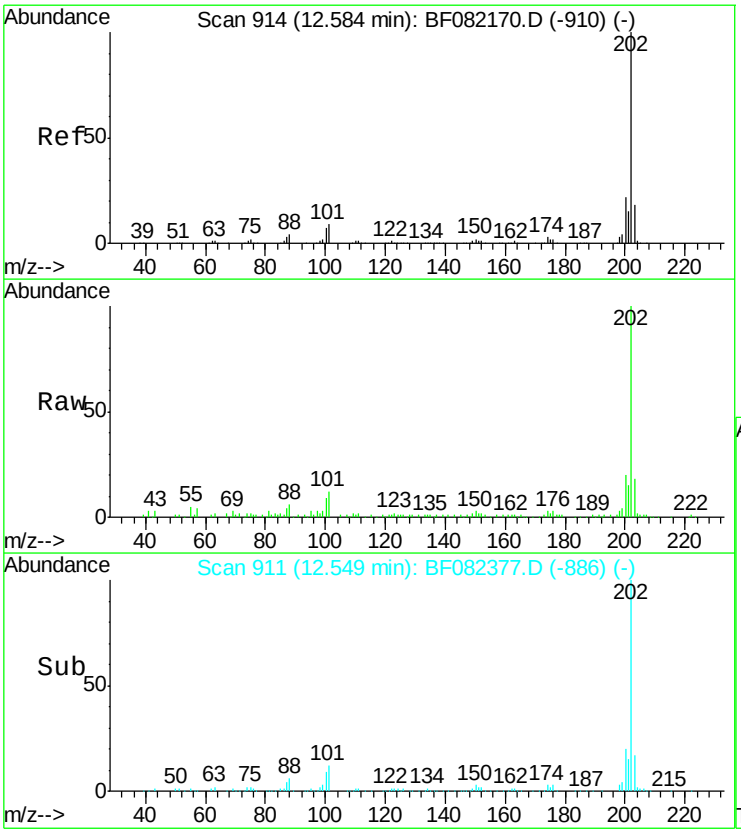
#70
Phenanthrene
Concen: 4.72 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion:178 Resp: 77020

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	15.6	12.6	19.0

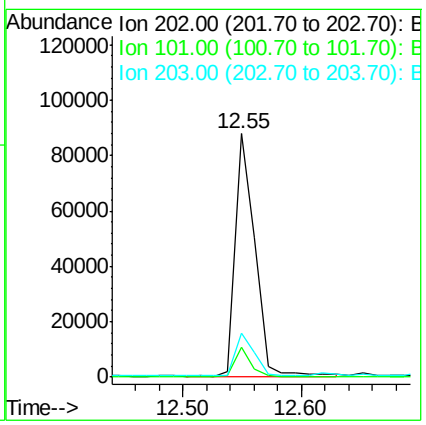


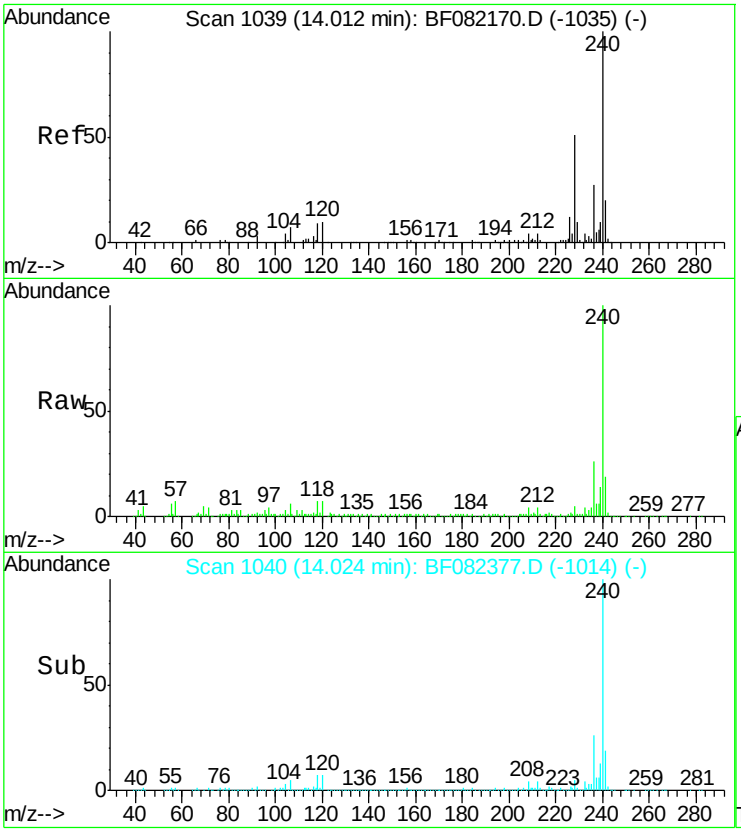


#74
Fluoranthene
Concen: 5.75 ng
RT: 12.55 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion:202 Resp: 100843

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	29.3
203	17.8	0.0	37.8



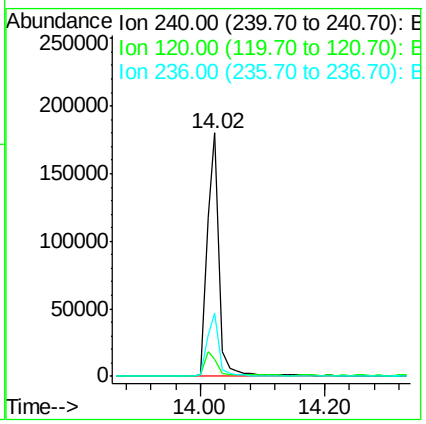


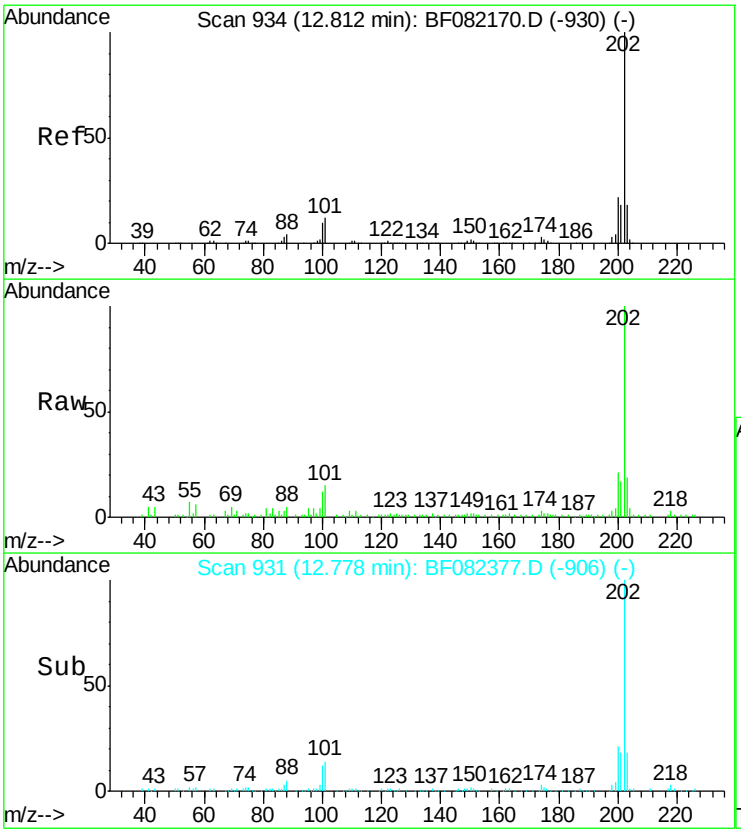
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion:240 Resp: 236072

Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.1	12.1#
236	26.1	21.3	31.9

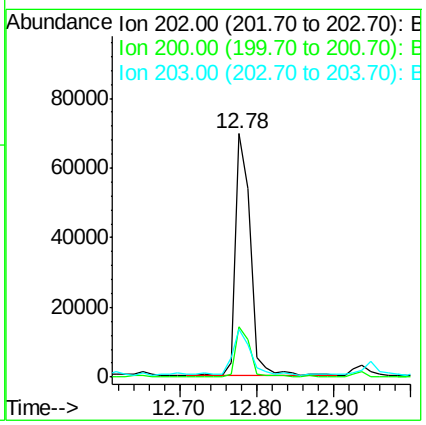


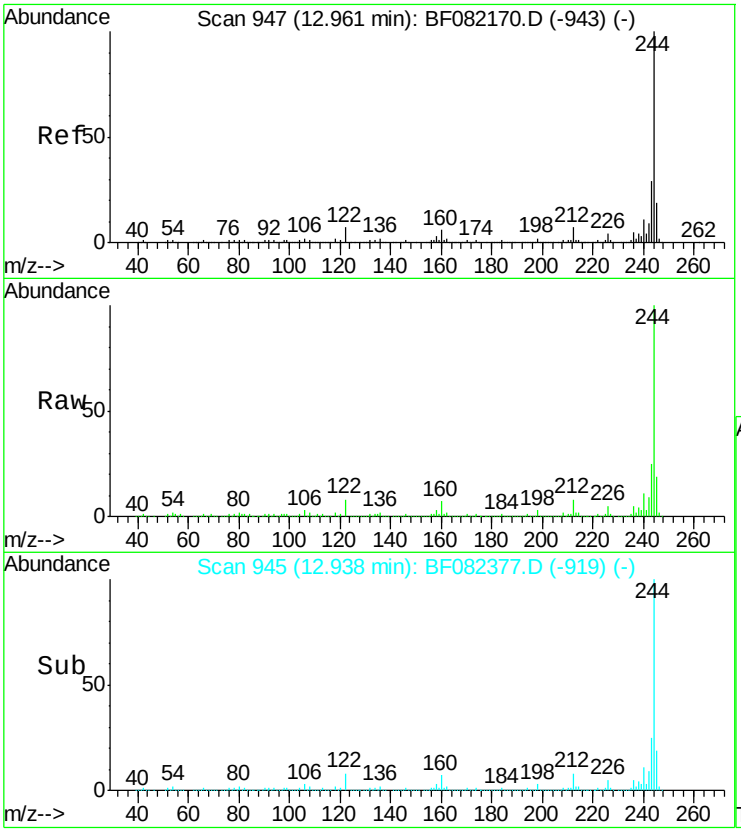


#77
Pyrene
Concen: 6.82 ng
RT: 12.78 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion:202 Resp: 95600

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.9	26.9
203	19.5	14.5	21.7



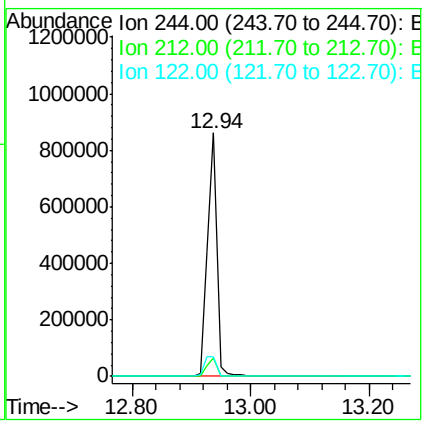


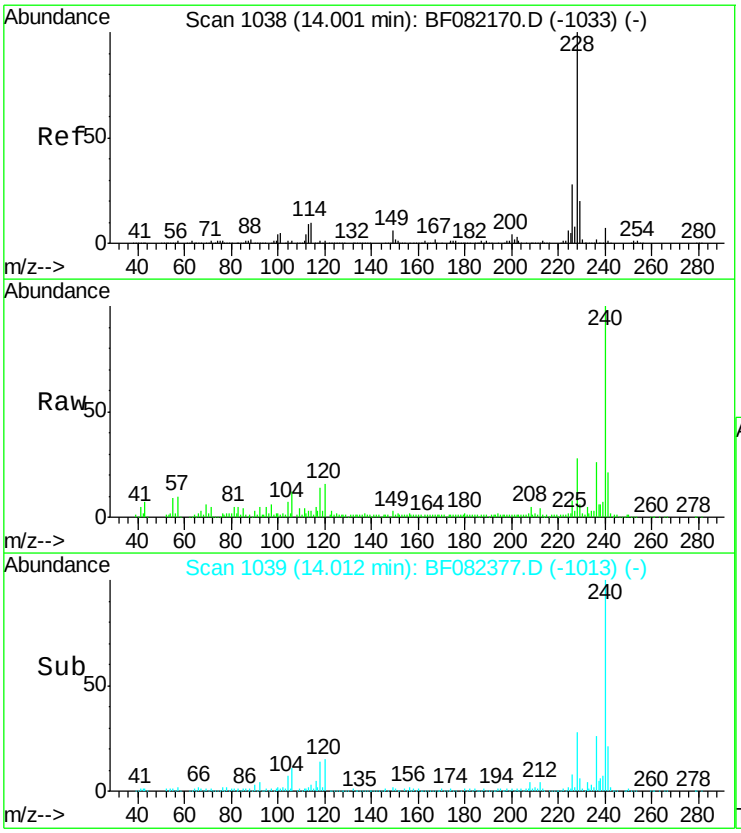
#78
Terphenyl-d14
Concen: 107.27 ng
RT: 12.94 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion:244 Resp: 955618

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.3	5.9	8.9

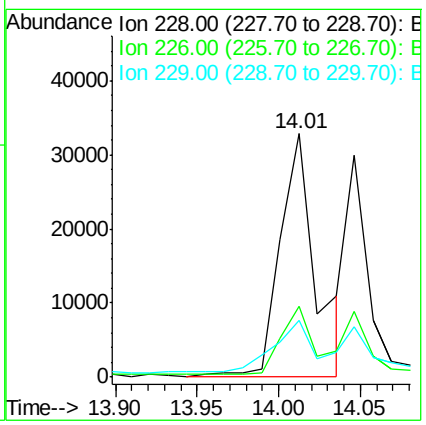


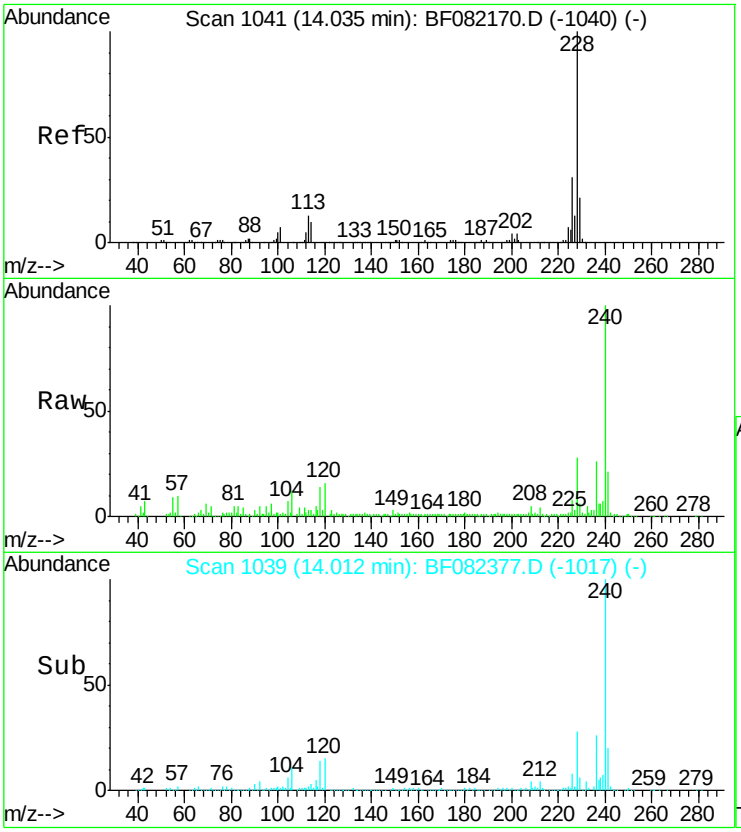


#80
Benzo(a)anthracene
Concen: 4.10 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion:228 Resp: 50348

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	23.0	16.2	24.2



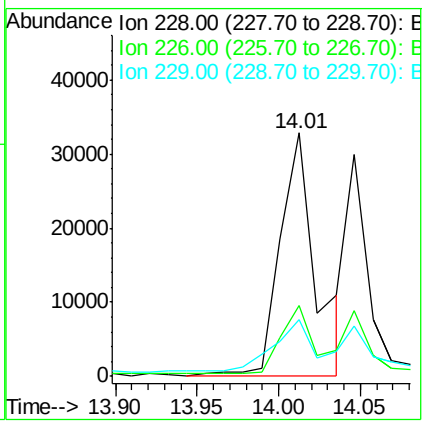


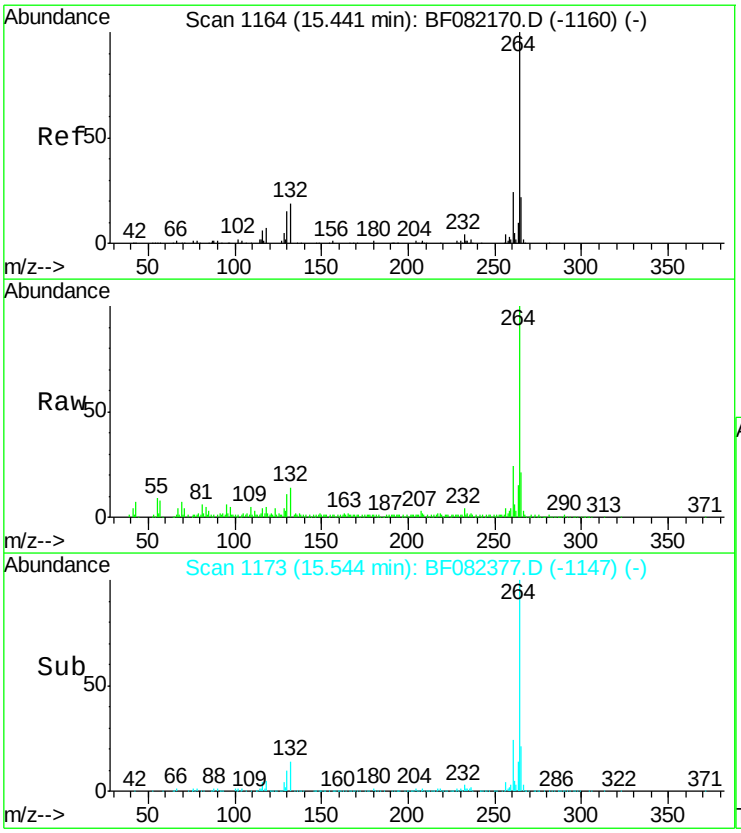
#82
Chrysene
Concen: 3.89 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion:228 Resp: 50348

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.4	36.6
229	23.0	16.3	24.5

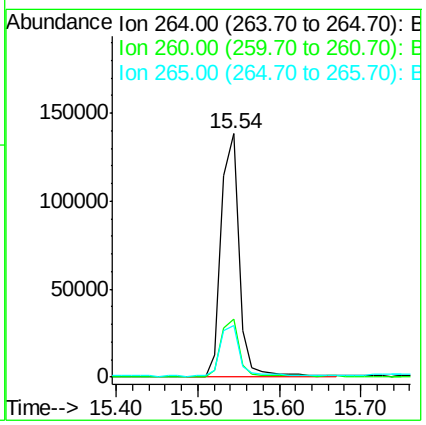


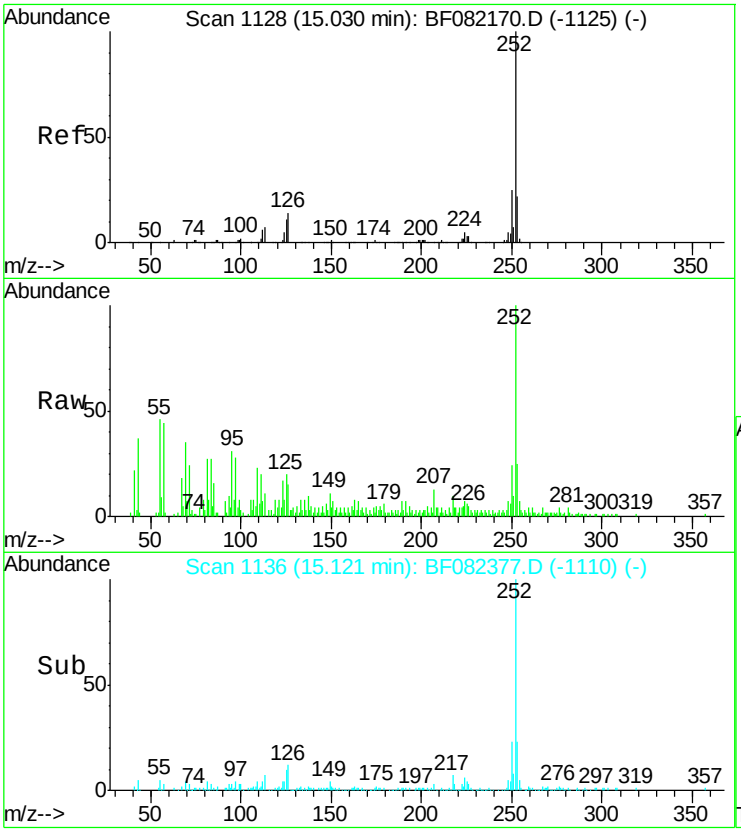


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion:264 Resp: 210385

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.4	17.3	25.9



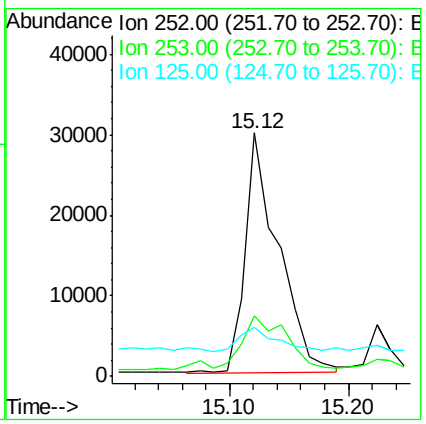


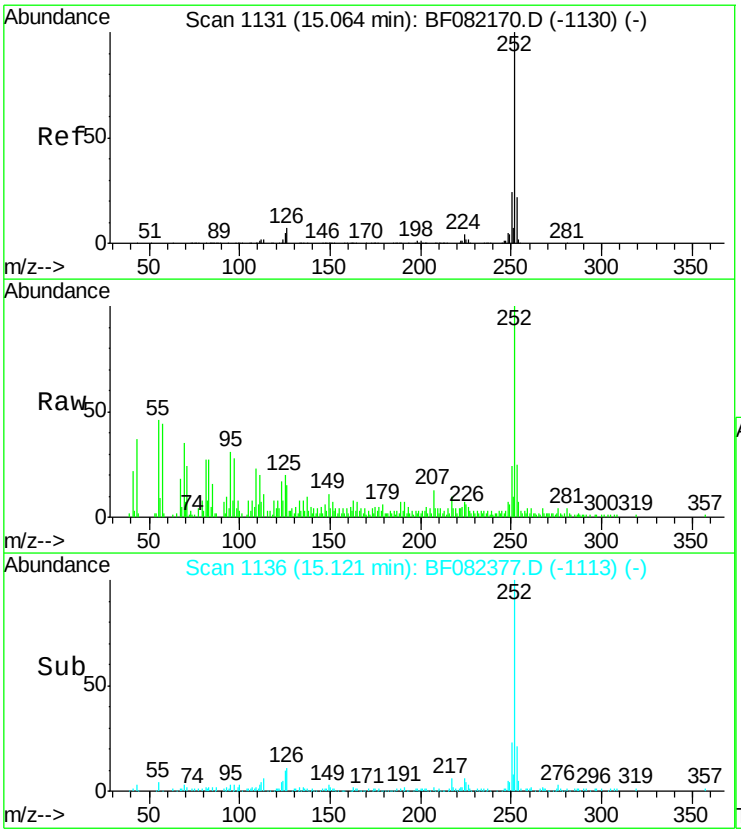
#87
Benzo(b)fluoranthene
Concen: 4.53 ng
RT: 15.12 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion:252 Resp: 57939

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	20.3	8.6	12.8#

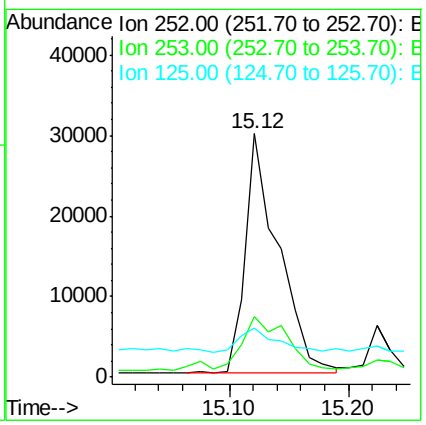


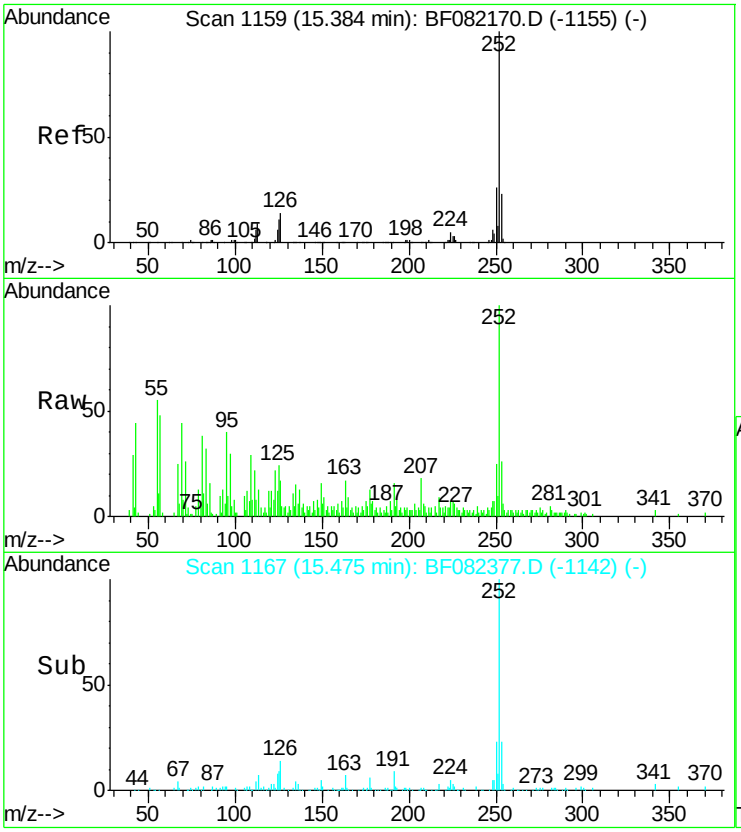


#88
Benzo(k)fluoranthene
Concen: 5.33 ng
RT: 15.12 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion:252 Resp: 57351

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	20.3	6.7	10.1#



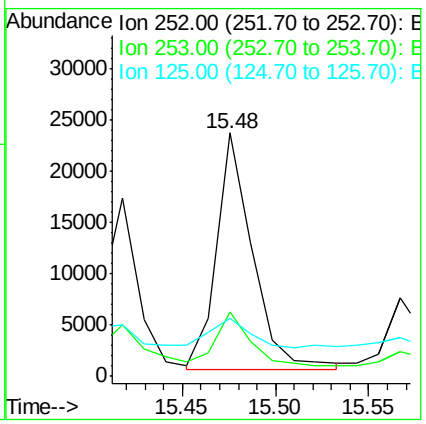


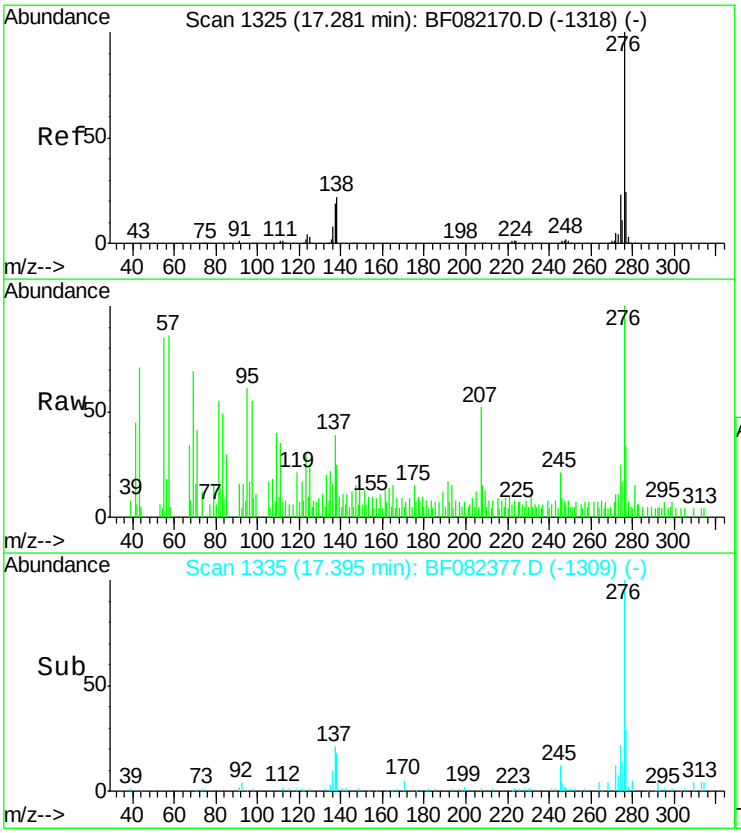
#89
Benzo(a)pyrene
Concen: 2.84 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Tgt Ion:252 Resp: 31251

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.2
125	23.7	8.9	13.3#





#91
Benzo(g,h,i)perylene
Concen: 2.02 ng
RT: 17.40 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF082377.D
Acq: 20 Oct 2015 2:39

Tgt Ion:276 Resp: 17685

Ion	Ratio	Lower	Upper
276	100		
277	33.6	18.8	28.2#
138	25.0	17.4	26.2