Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF101915\
Data File : BF082396.D
Acq On : 20 Oct 2015 11:43
Operator : UM/IZ
Sample : G4040-04RE
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-MLA-1.5-05RE

Quant Time: Oct 20 14:07:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	91358	20.00	ng		-0.03
21) Naphthalene-d8	8.09	136	343615	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	163579	20.00	ng		-0.03
63) Phenanthrene-d10	11.34	188	258133	20.00	ng		-0.03
75) Chrysene-d12	14.02	240	210923	20.00	ng		0.01
86) Perylene-d12	15.54	264	192749	20.00	ng		0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	706152	156.00	ng		-0.02
7) Phenol-d6	6.45	99	795408	135.03	ng		-0.03
23) Nitrobenzene-d5	7.37	82	510333	99.74	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	157923	102.94	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1088059	110.31	ng		-0.03
78) Terphenyl-d14	12.94	244	746829	93.83	ng		-0.02
Target Compounds							Qvalue
15) Benzyl Alcohol	6.96	79	9748	2.40	ng	#	48
19) n-Nitroso-di-n-propylamine	7.37	70	65005	15.71	ng	#	81
25) Isophorone	7.37	82	462856	44.82	ng	#	66
49) Dimethylphthalate	9.57	163	215682	18.72	ng		99
55) 4-Nitrophenol	10.06	139	883	Below Cal		#	37
56) 2,4-Dinitrotoluene	9.85	165	20787	6.84	ng	#	22
66) 4-Bromophenyl-phenylether	10.64	248	11676	4.52	ng	#	1
70) Phenanthrene	11.36	178	50604	4.00	ng		99
74) Fluoranthene	12.55	202	73530	5.41	ng		96
77) Pyrene	12.78	202	69482	5.55	ng		97
80) Benzo(a)anthracene	14.01	228	39849	3.63	ng		92
82) Chrysene	14.01	228	39849	3.45	ng		96
83) Bis(2-ethylhexyl)phthalate	14.00	149	31124	3.82	ng		98
87) Benzo(b)fluoranthene	15.12	252	57161	4.87	ng	#	81
88) Benzo(k)fluoranthene	15.12	252	57161	5.80	ng	#	80
89) Benzo(a)pyrene	15.48	252	30233	3.00	ng	#	79

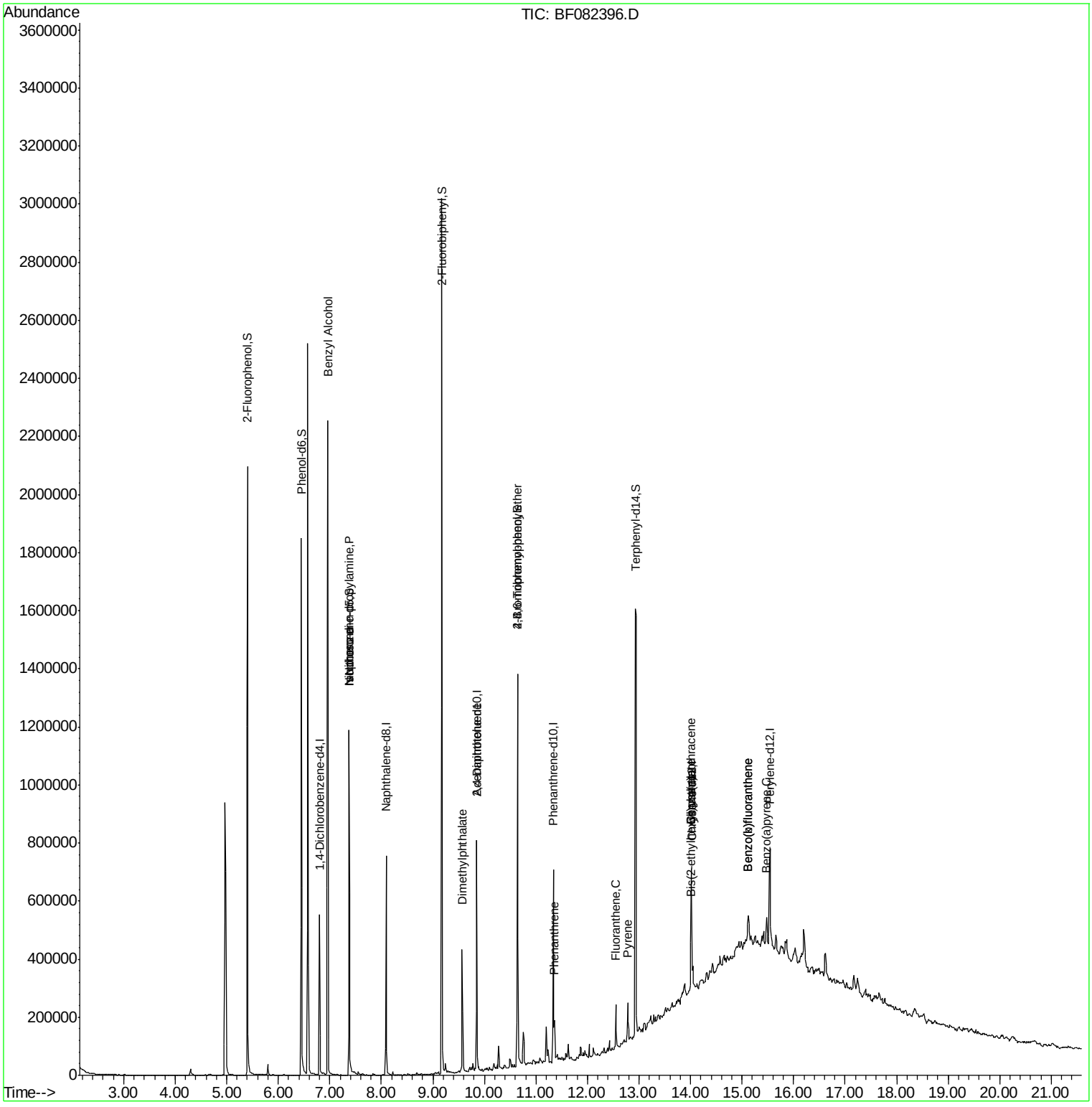
(#) = qualifier out of range (m) = manual integration (+) = signals summed

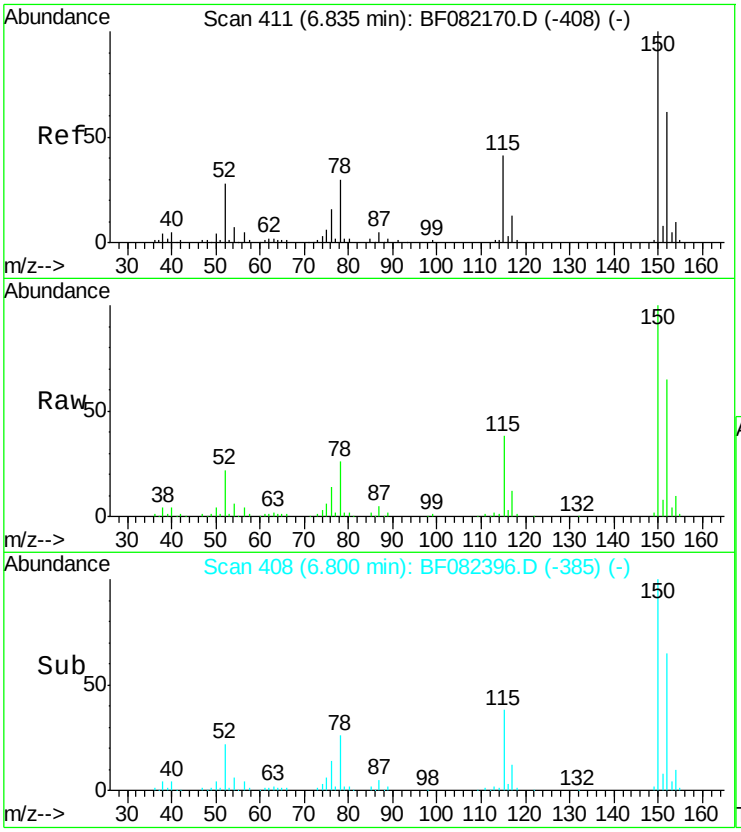
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF101915\
Data File : BF082396.D
Acq On : 20 Oct 2015 11:43
Operator : UM/IZ
Sample : G4040-04RE
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Quant Time: Oct 20 14:07:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration



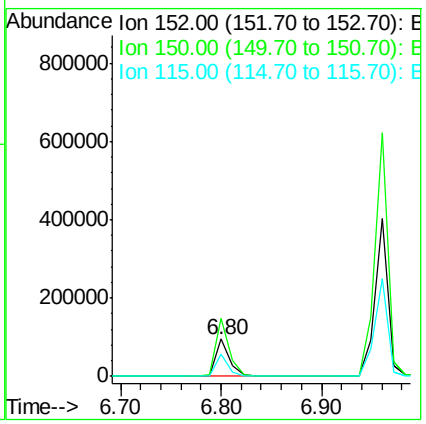


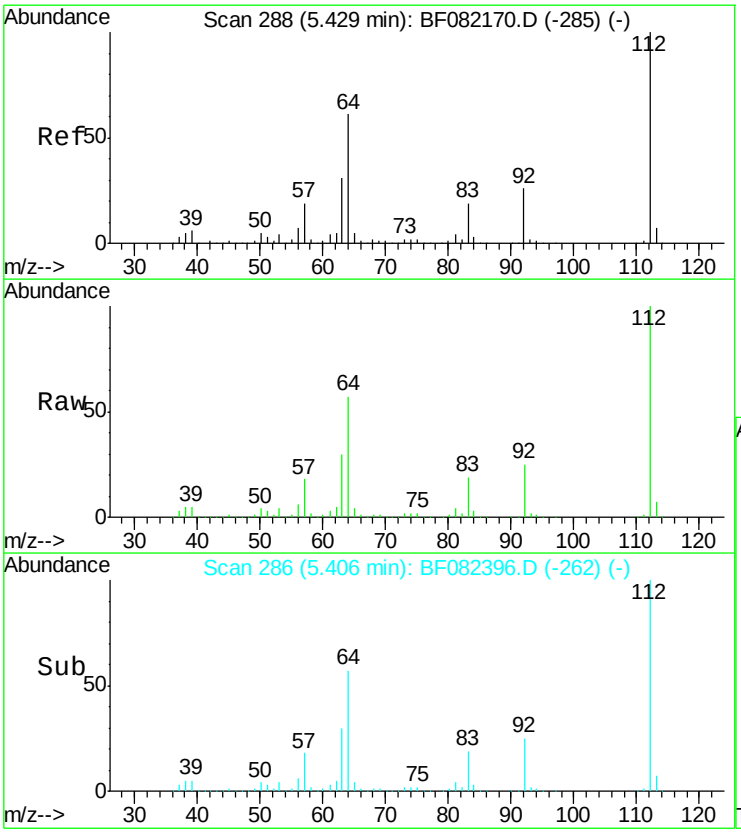
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion:152 Resp: 91358

Ion	Ratio	Lower	Upper
152	100		
150	154.8	129.0	193.4
115	58.5	52.1	78.1

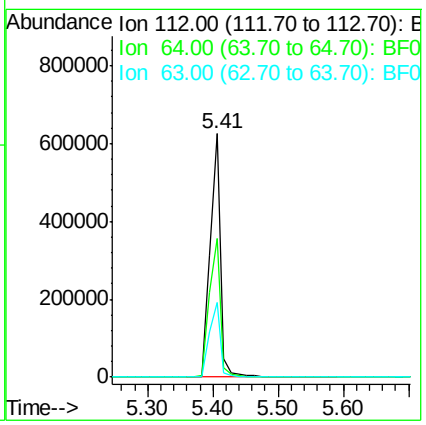


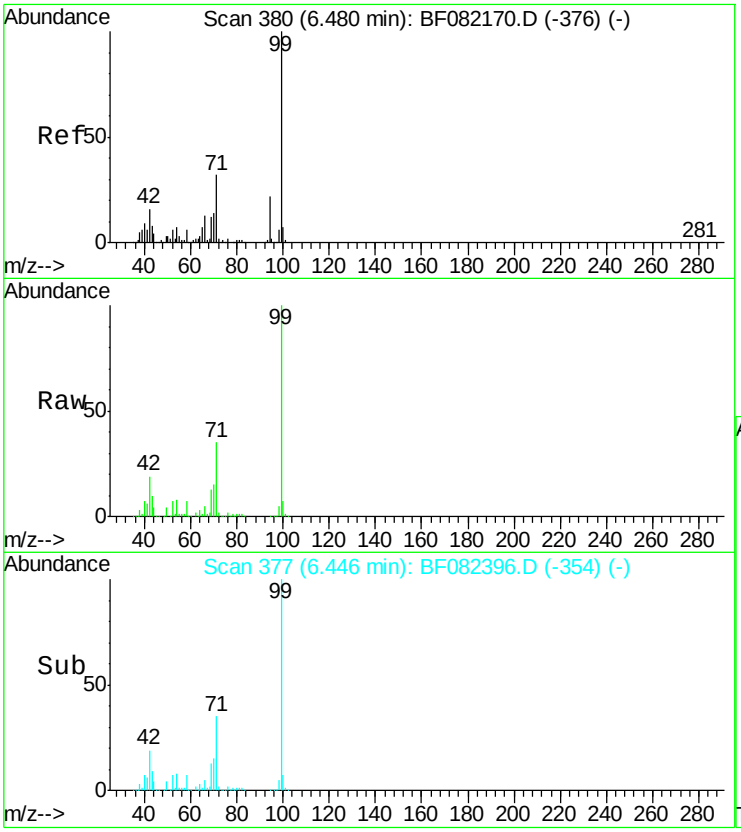


#5
2-Fluorophenol
Concen: 156.00 ng
RT: 5.41 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion:112 Resp: 706152

Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.6	73.0
63	30.4	25.1	37.7



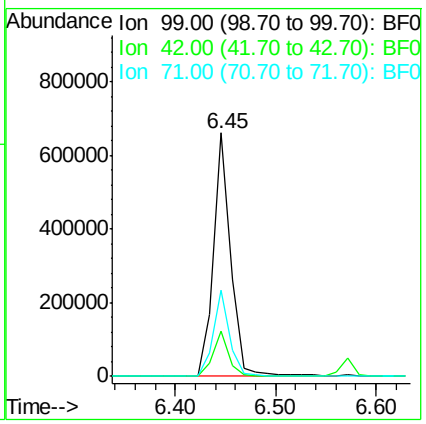


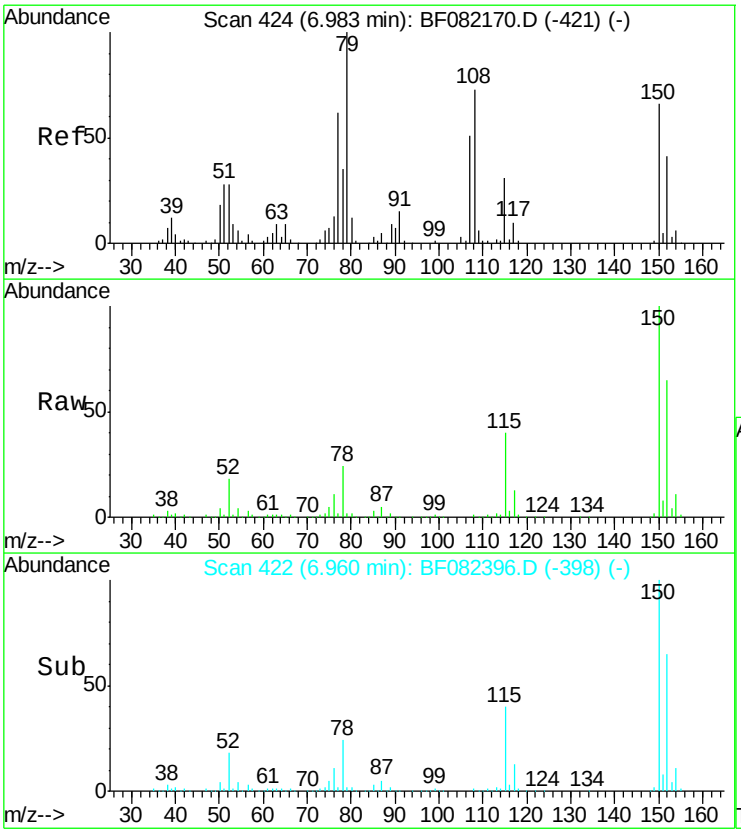
#7
Phenol-d6
Concen: 135.03 ng
RT: 6.45 min Scan# 377
Delta R.T. -0.03 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion: 99 Resp: 795408

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.2	19.8
71	35.2	25.6	38.4

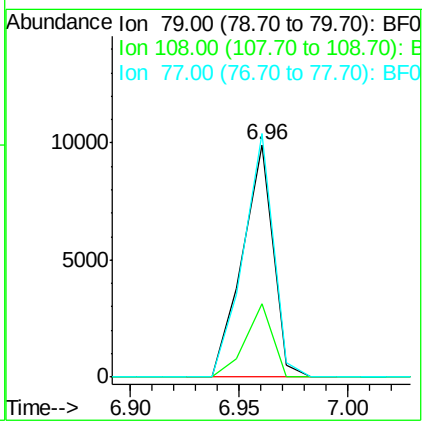


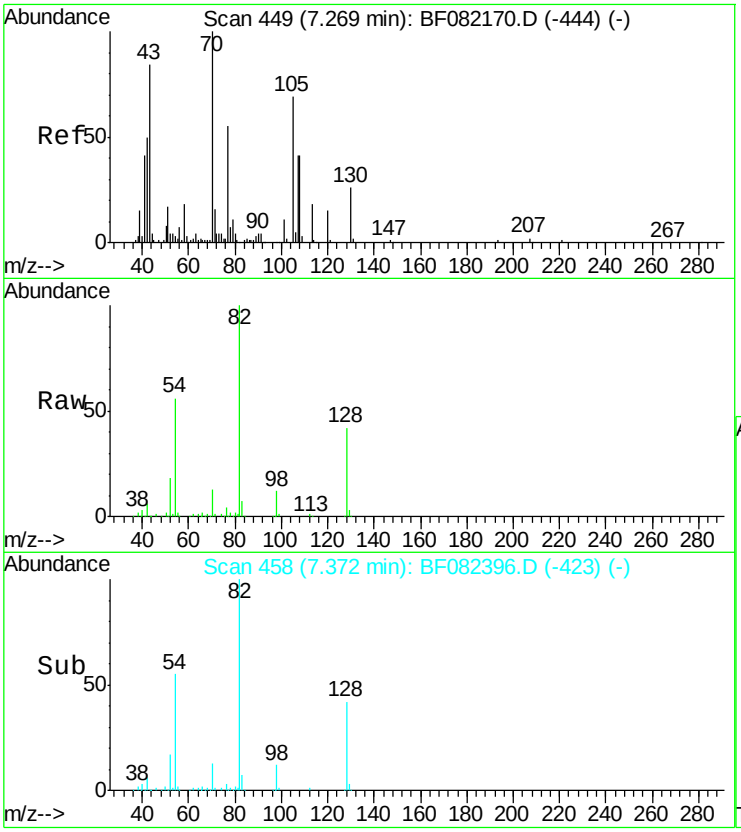


#15
Benzyl Alcohol
Concen: 2.40 ng
RT: 6.96 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion: 79 Resp: 9748

Ion	Ratio	Lower	Upper
79	100		
108	31.5	58.4	87.6#
77	104.8	49.8	74.6#



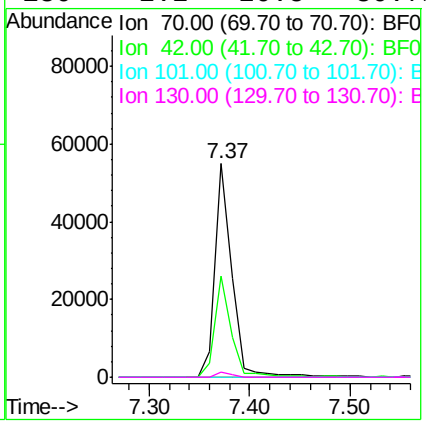


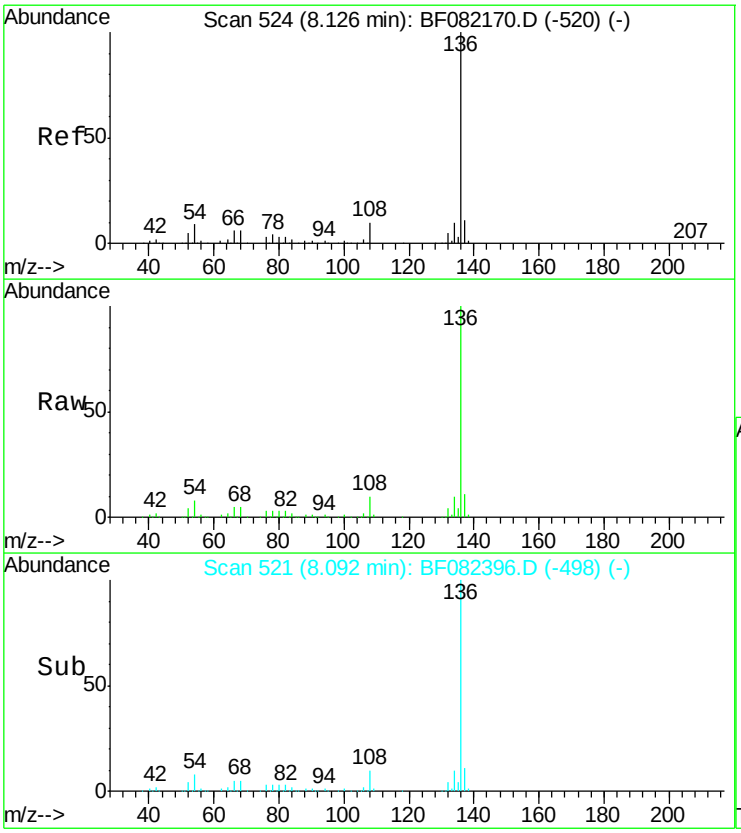
#19
n-Nitroso-di-n-propylamine
Concen: 15.71 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.10 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion: 70 Resp: 65005

Ion	Ratio	Lower	Upper
70	100		
42	47.6	39.8	59.8
101	0.0	8.6	13.0#
130	2.2	20.5	30.7#

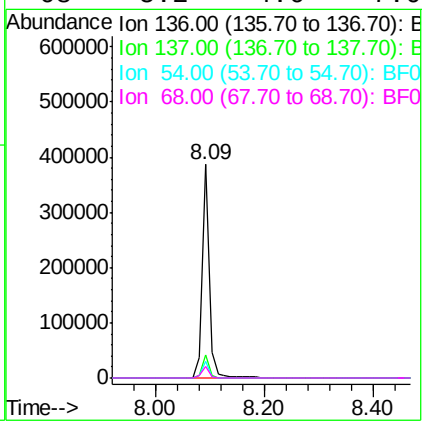


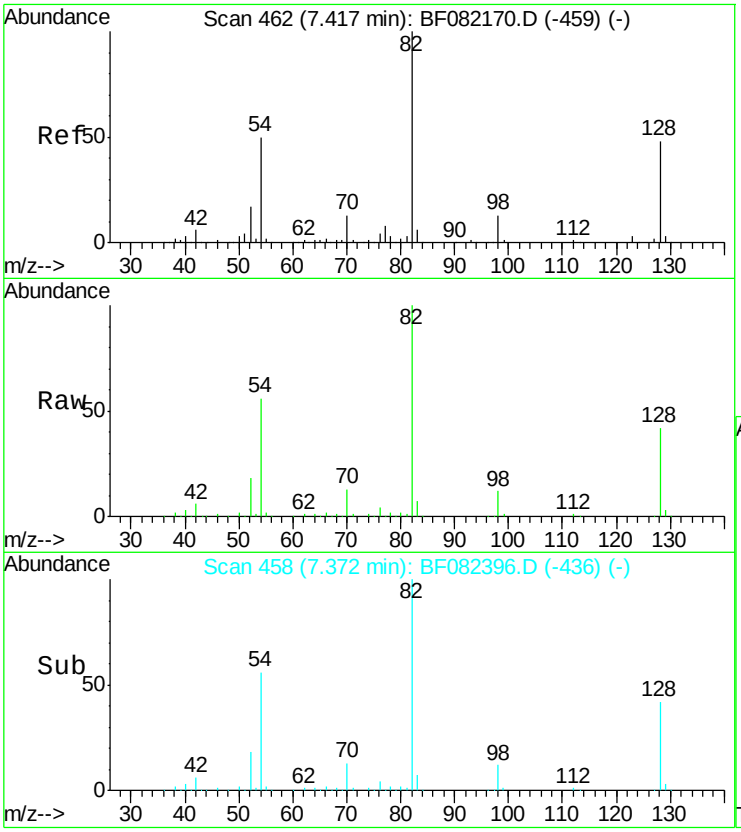


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. -0.03 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion:136 Resp: 343615

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.6	7.5	11.3
68	5.2	4.6	7.0



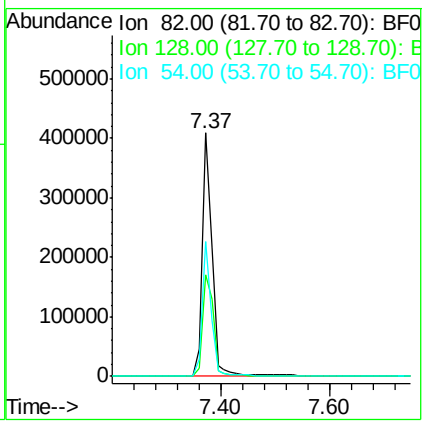


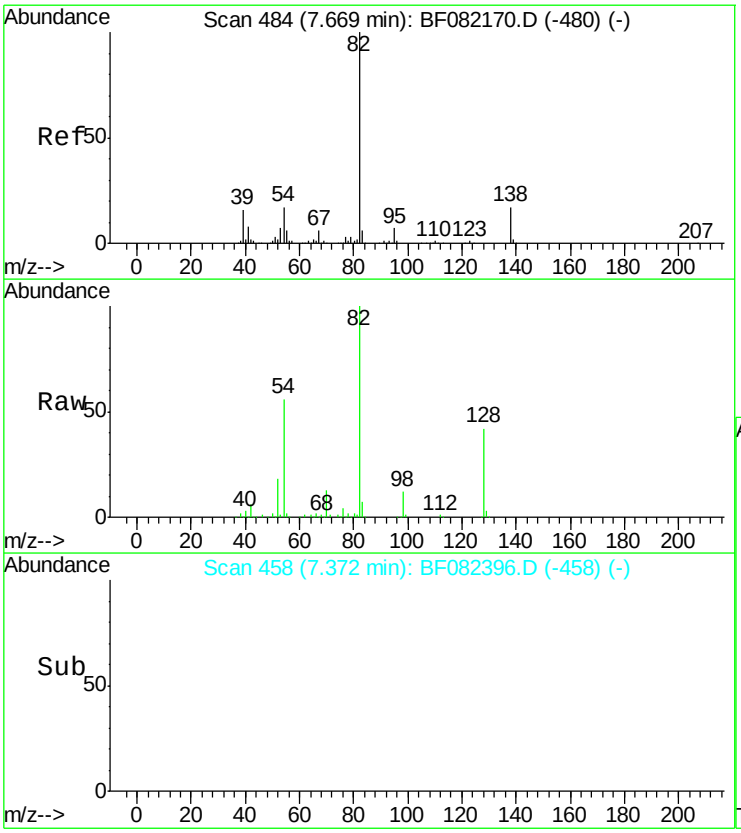
#23
Nitrobenzene-d5
Concen: 99.74 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion: 82 Resp: 510333

Ion	Ratio	Lower	Upper
82	100		
128	41.8	38.7	58.1
54	55.5	40.1	60.1

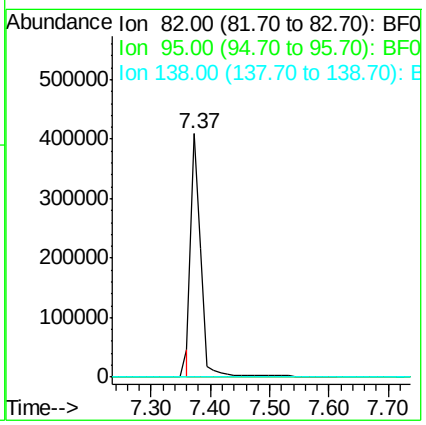


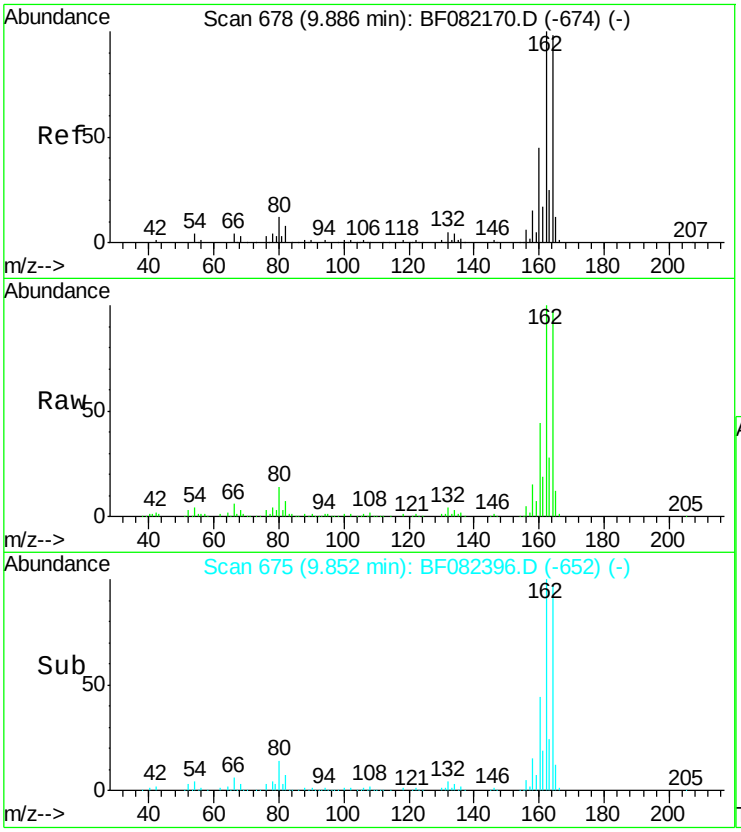


#25
Isophorone
Concen: 44.82 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.30 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion: 82 Resp: 462856

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#



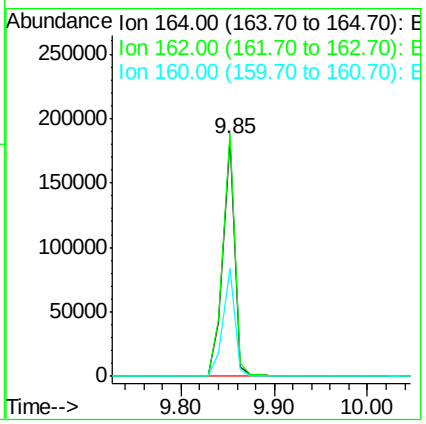


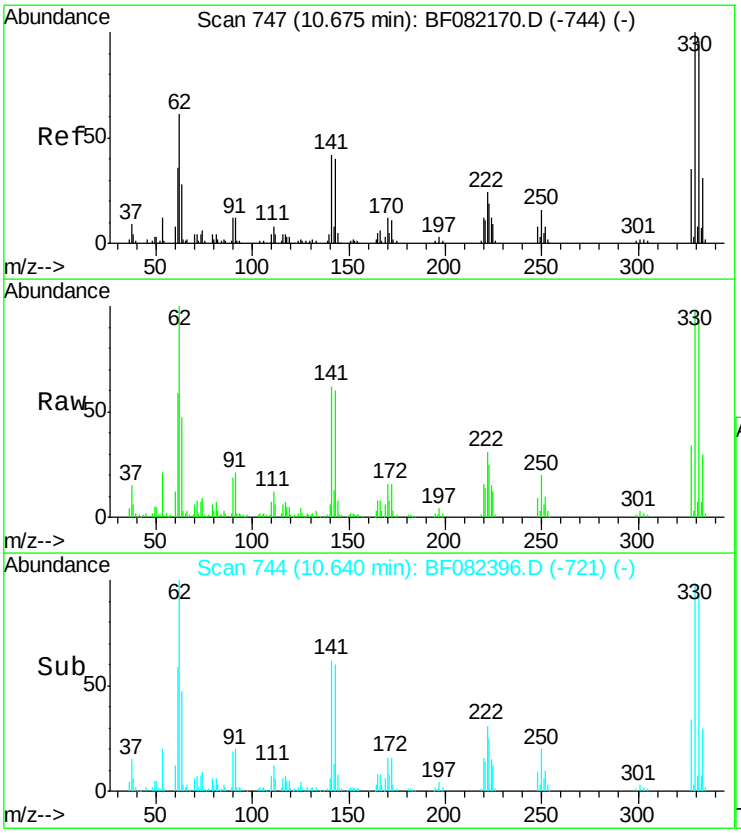
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion:164 Resp: 163579

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.6	122.4
160	45.3	36.4	54.6

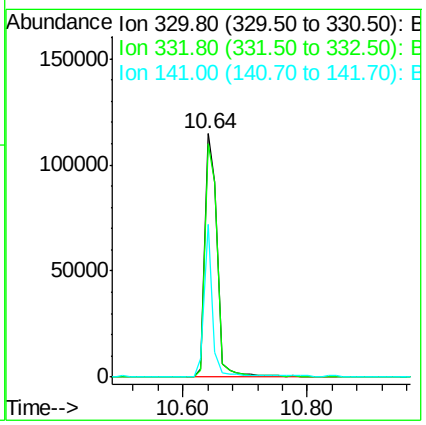


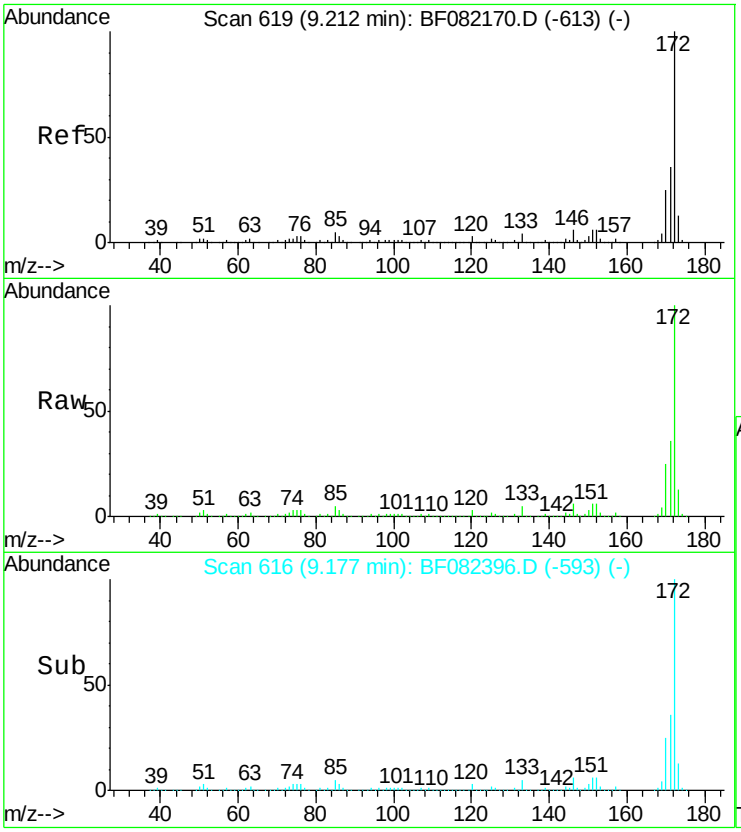


#41
2,4,6-Tribromophenol
Concen: 102.94 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion:330 Resp: 157923

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	43.6	29.8	44.8



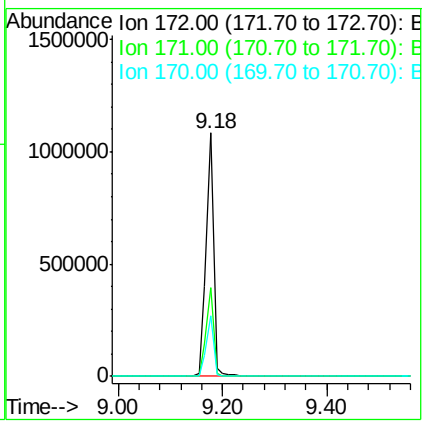


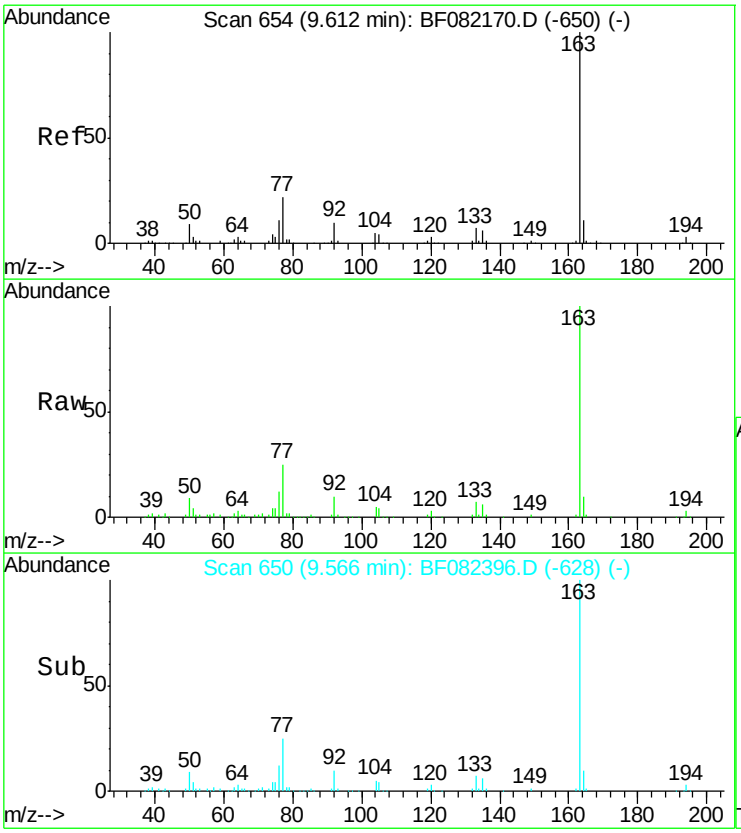
#44
2-Fluorobiphenyl
Concen: 110.31 ng
RT: 9.18 min Scan# 616
Delta R.T. -0.03 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion:172 Resp: 1088059

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.9	19.7	29.5

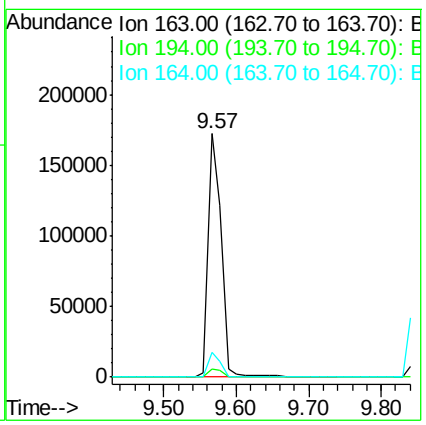


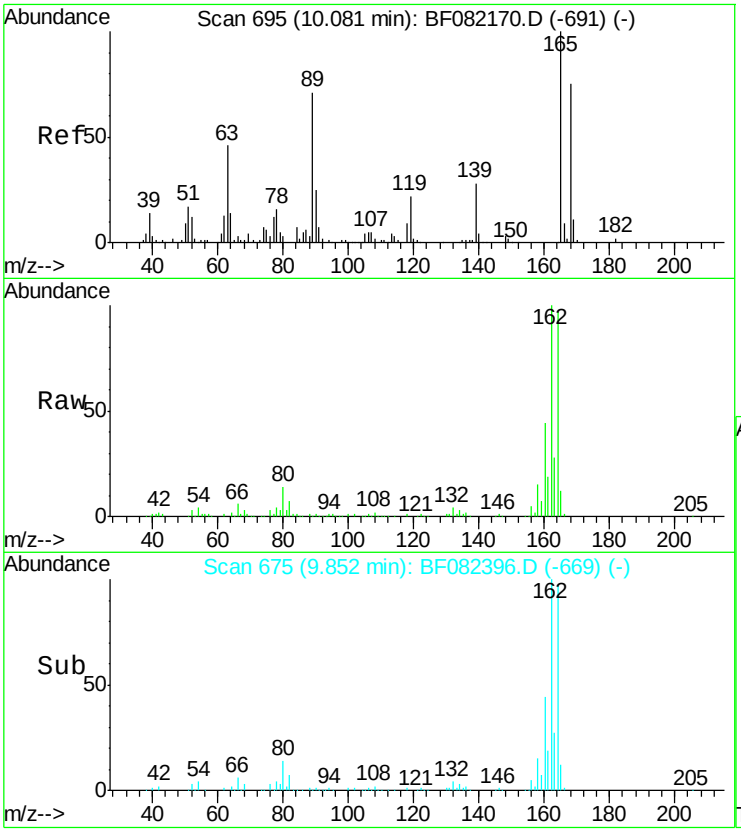


#49
Dimethylphthalate
Concen: 18.72 ng
RT: 9.57 min Scan# 650
Delta R.T. -0.05 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion:163 Resp: 215682

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.2	8.5	12.7



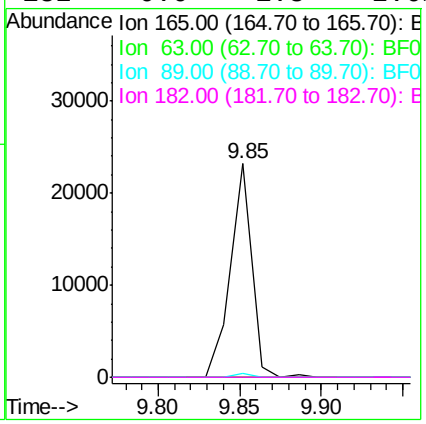


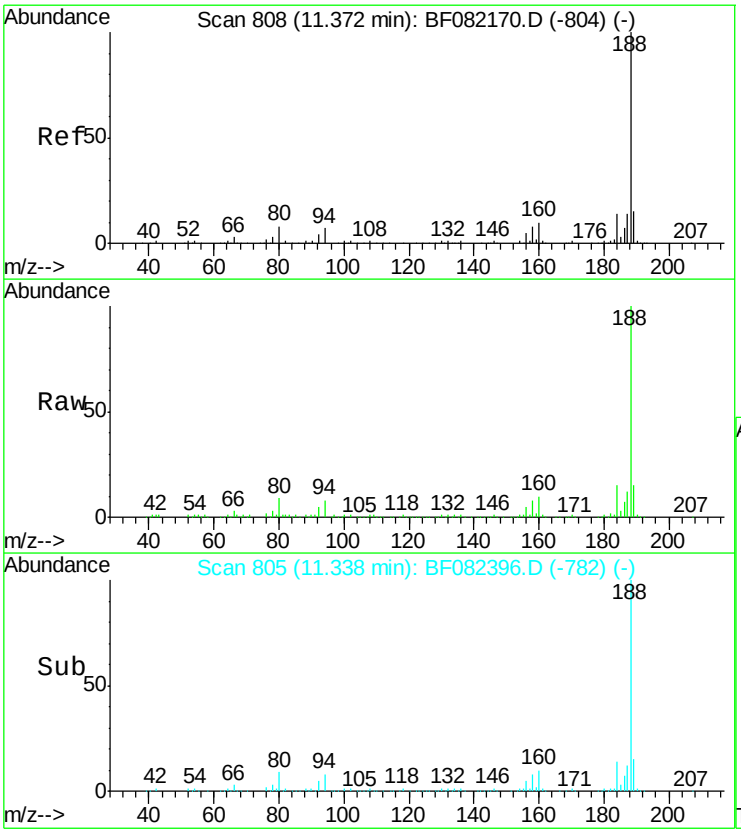
#56
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.23 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion:165 Resp: 20787

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	1.7	57.0	85.6#
182	0.0	1.8	2.6#

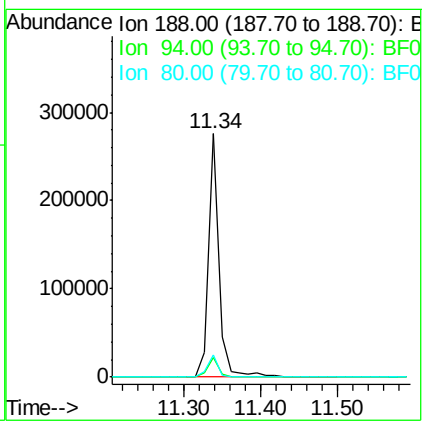


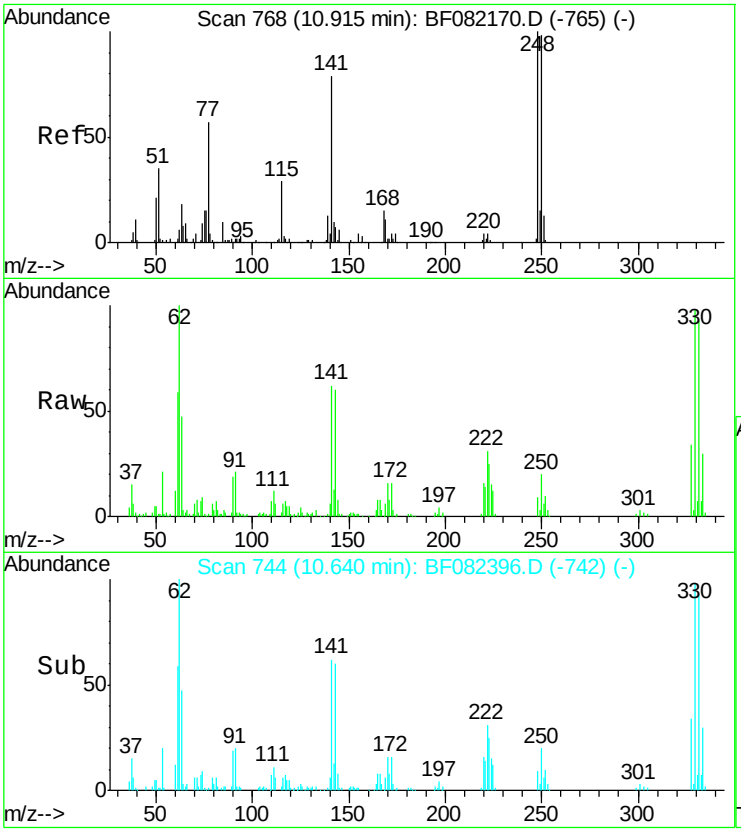


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion:188 Resp: 258133

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.8	8.6
80	9.0	6.4	9.6



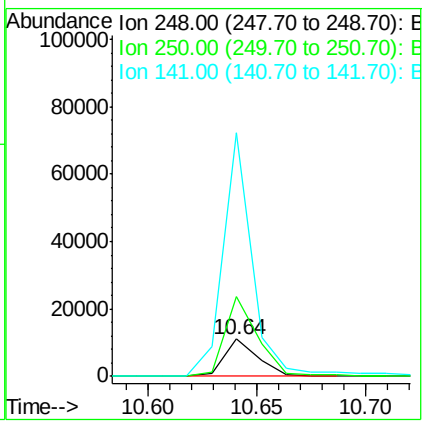


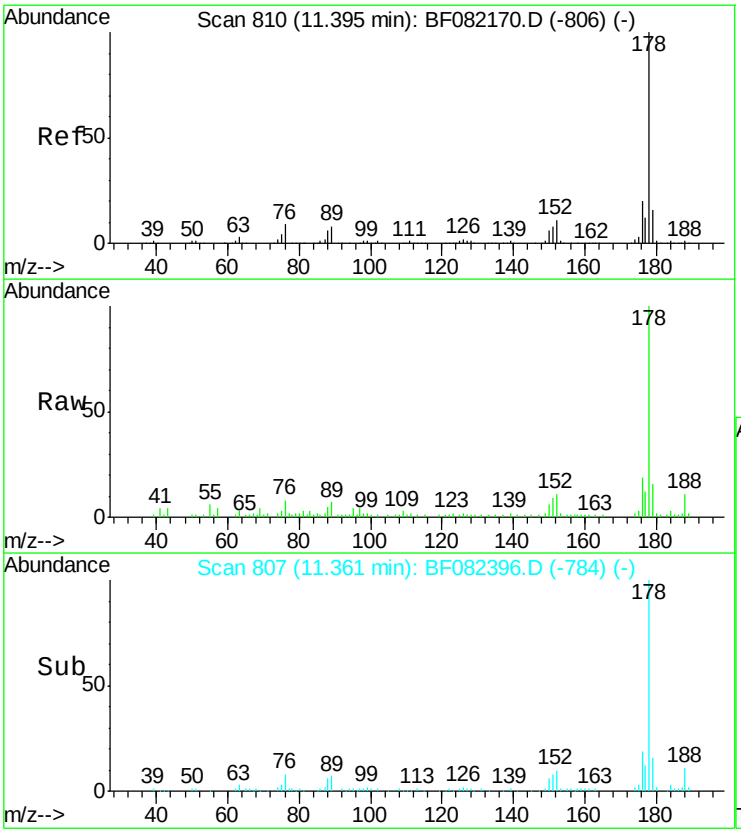
#66
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.27 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion:248 Resp: 11676

Ion	Ratio	Lower	Upper
248	100		
250	212.9	78.6	117.8#
141	649.2	63.3	94.9#

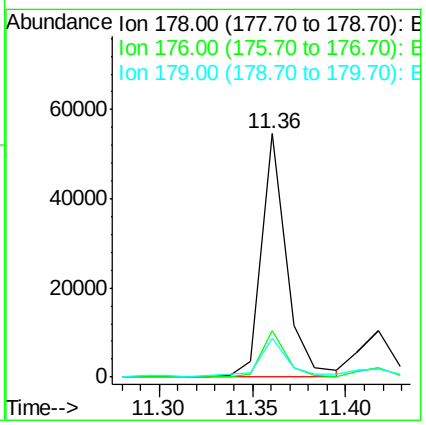


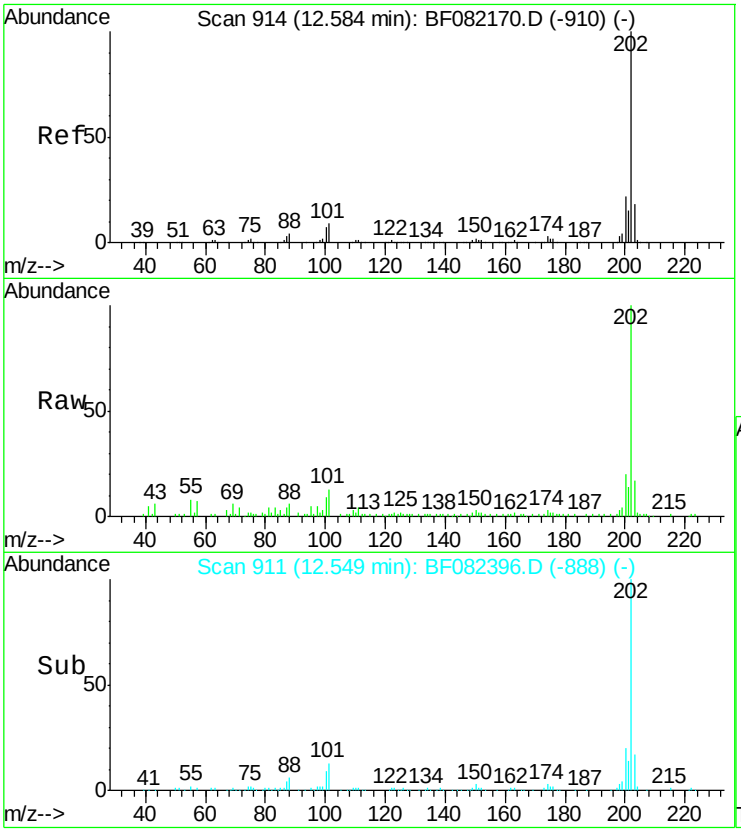


#70
Phenanthrene
Concen: 4.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion:178 Resp: 50604

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.7	12.6	19.0



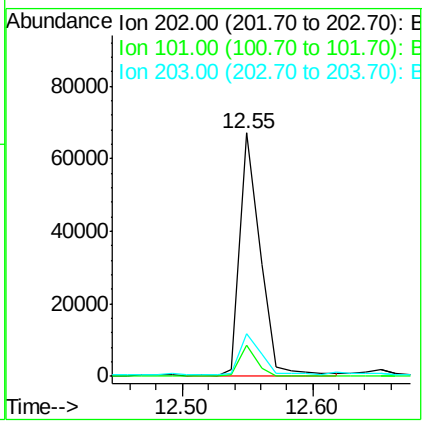


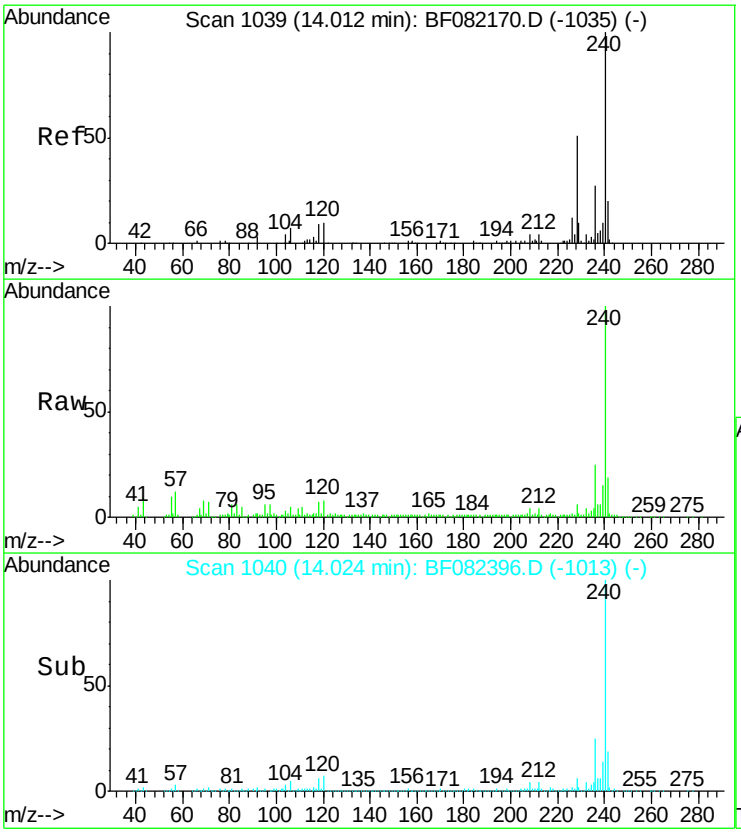
#74
Fluoranthene
Concen: 5.41 ng
RT: 12.55 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion:202 Resp: 73530

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	29.3
203	17.4	0.0	37.8

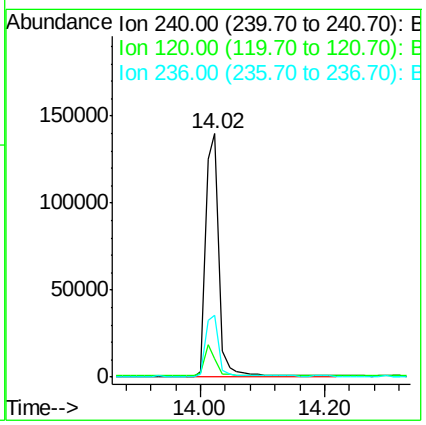


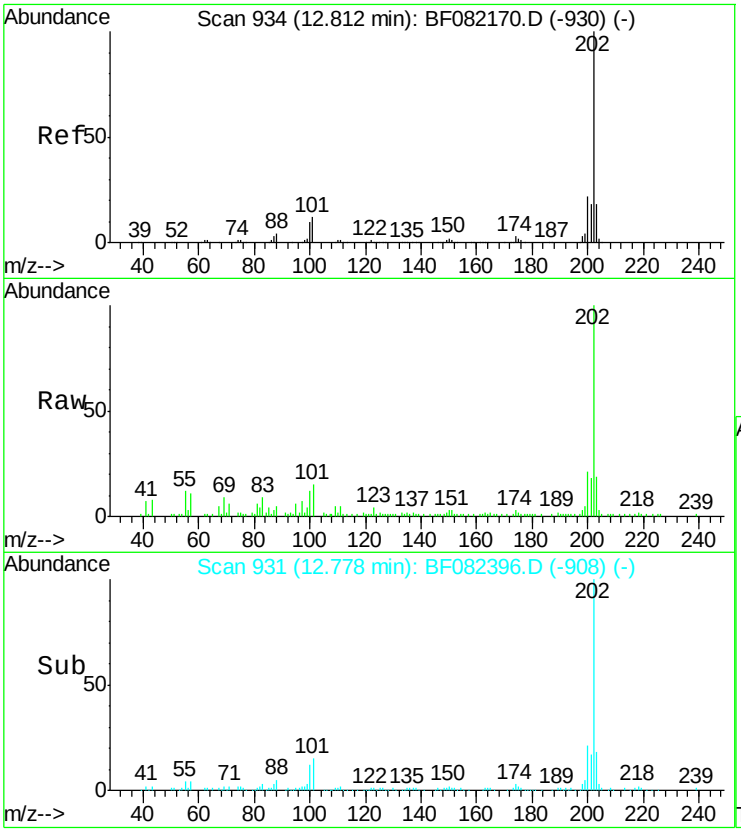


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion:240 Resp: 210923

Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.1	12.1#
236	25.2	21.3	31.9



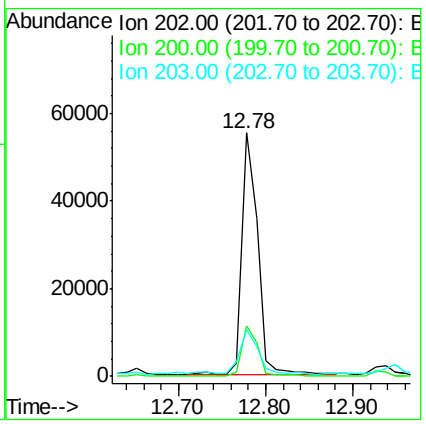


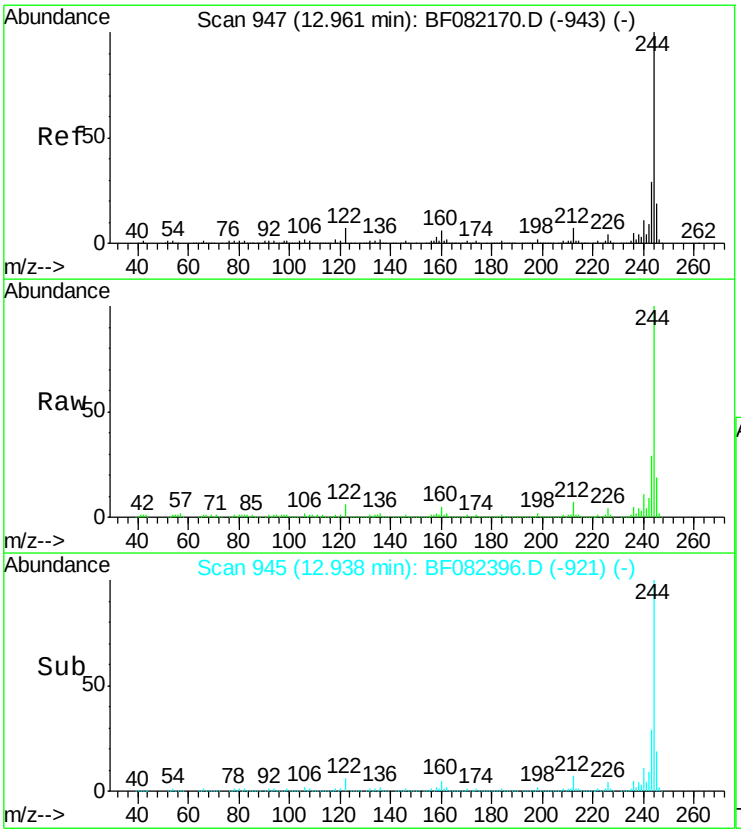
#77
Pyrene
Concen: 5.55 ng
RT: 12.78 min Scan# 931
Delta R.T. -0.03 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion:202 Resp: 69482

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.9	26.9
203	19.1	14.5	21.7

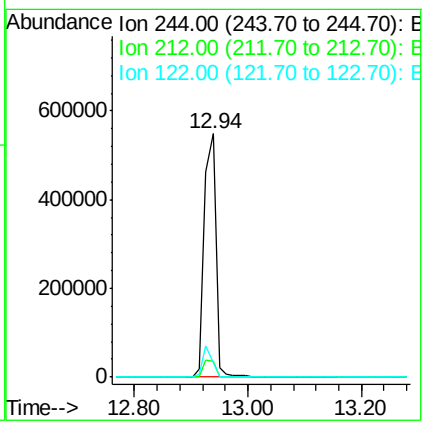


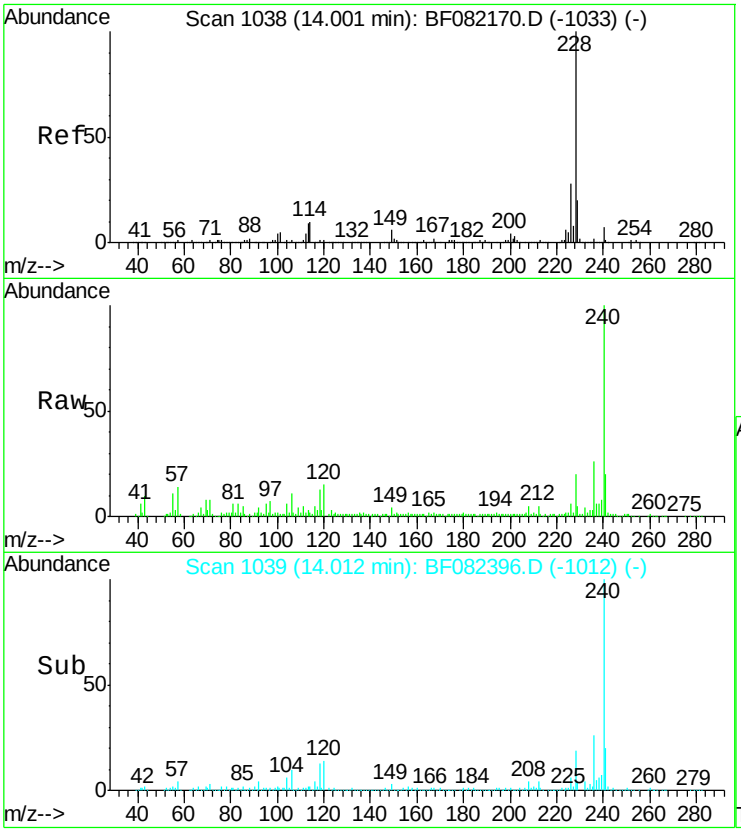


#78
Terphenyl-d14
Concen: 93.83 ng
RT: 12.94 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion:244 Resp: 746829

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	5.8	5.9	8.9#



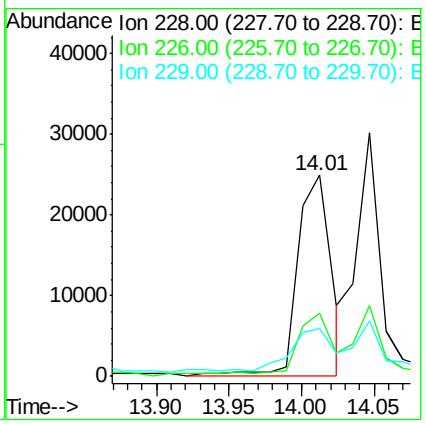


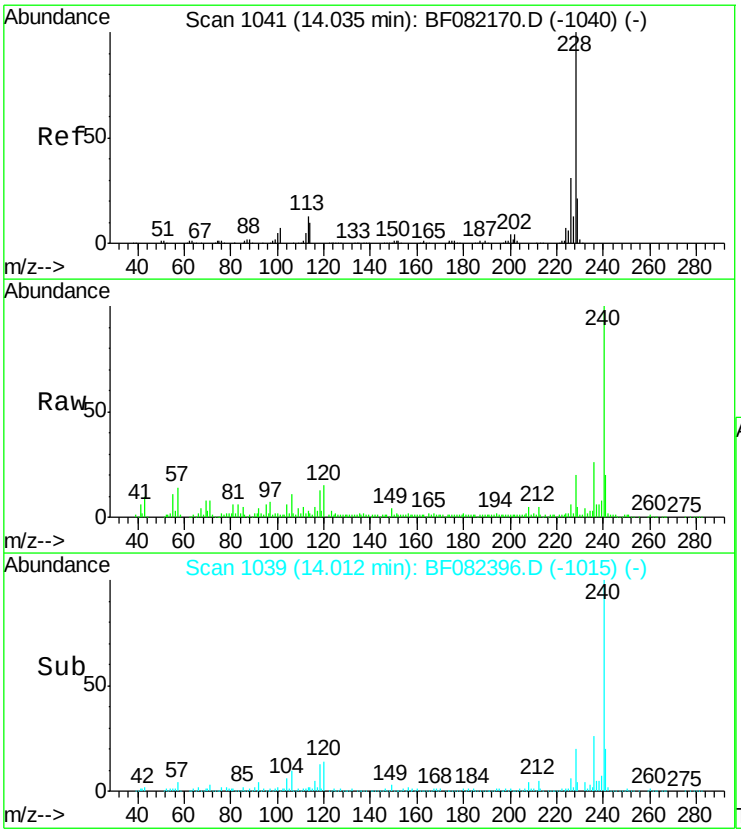
#80
Benzo(a)anthracene
Concen: 3.63 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion:228 Resp: 39849

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.3	33.5
229	24.0	16.2	24.2

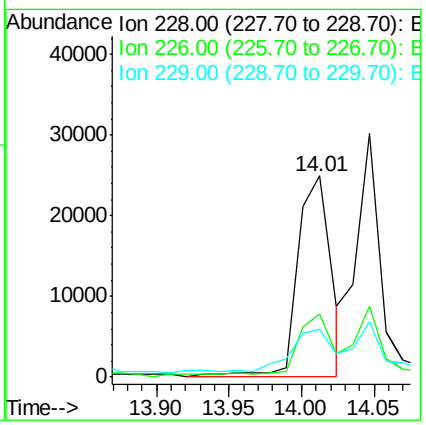


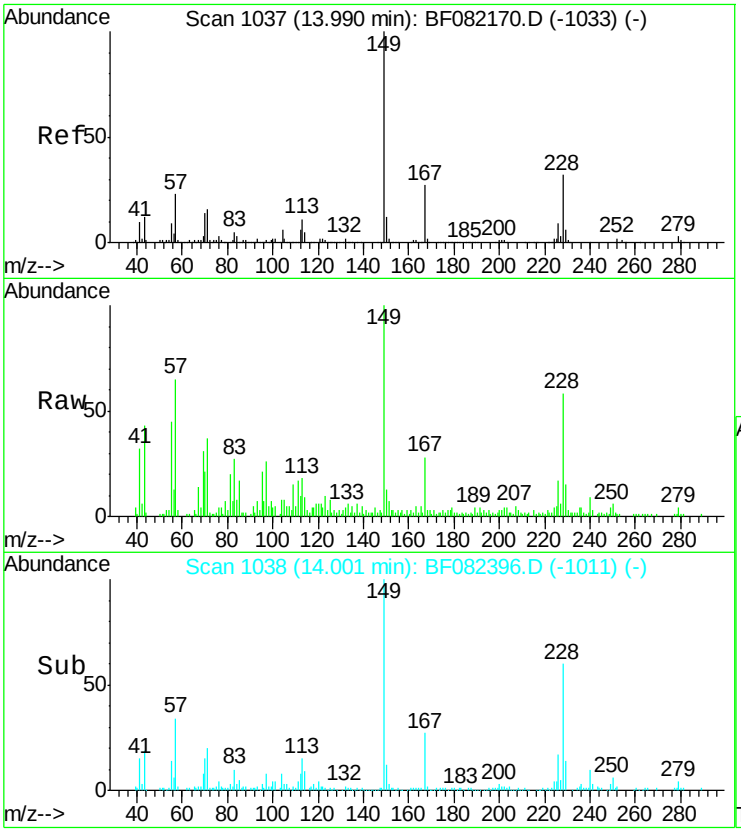


#82
Chrysene
Concen: 3.45 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion:228 Resp: 39849

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.4	36.6
229	24.0	16.3	24.5



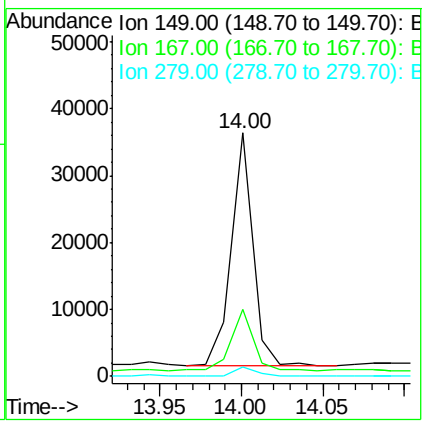


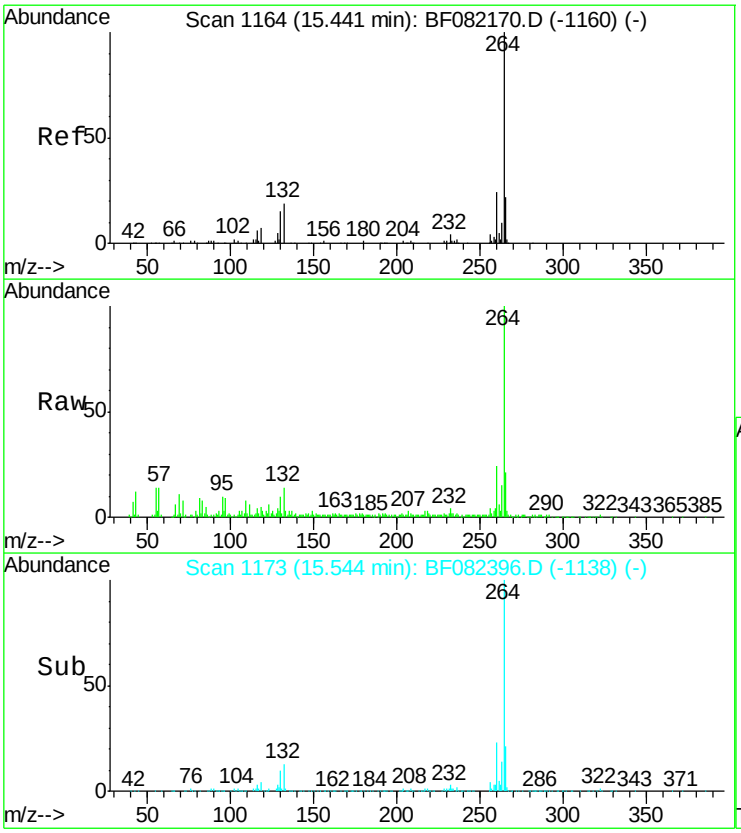
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.82 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion:149 Resp: 31124

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	3.7	2.6	4.0

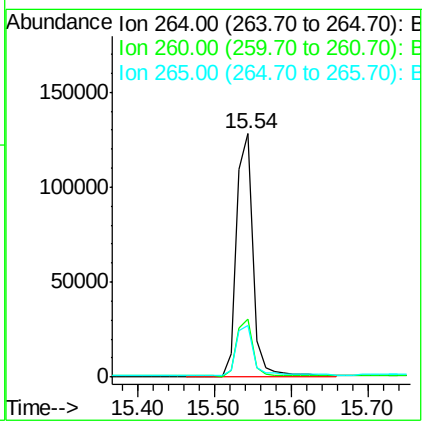


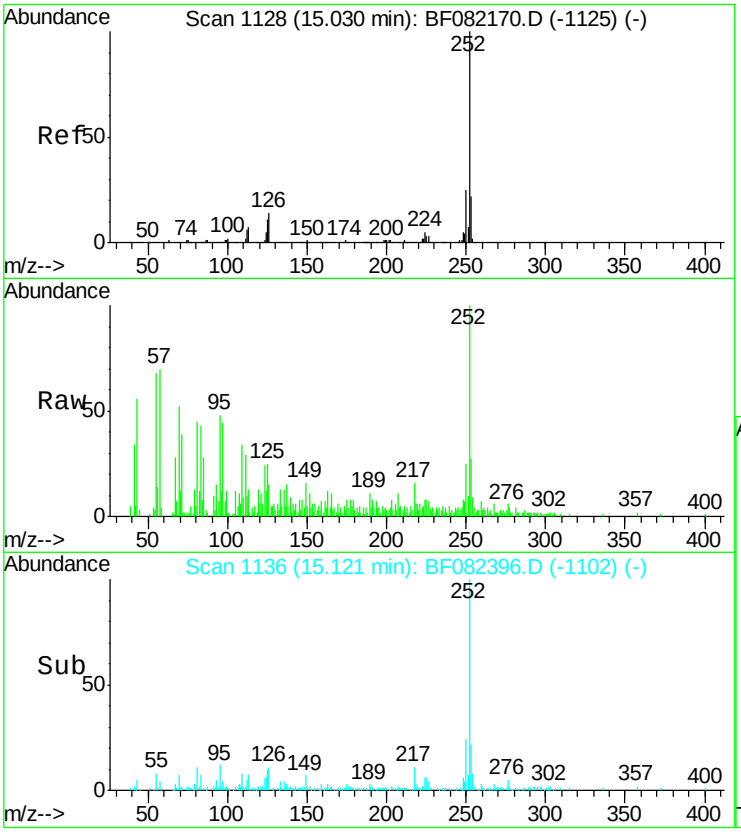


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1173
Delta R.T. 0.10 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion:264 Resp: 192749

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.3	17.3	25.9



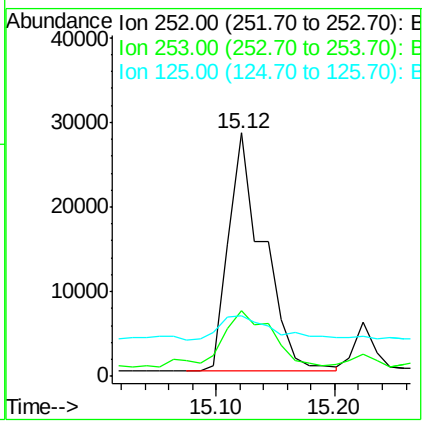


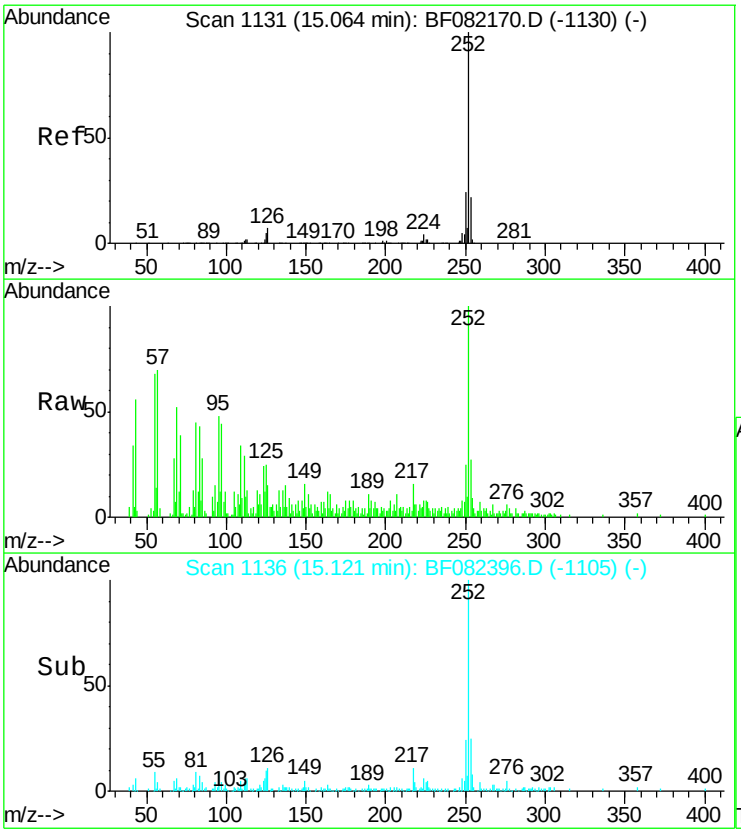
#87
Benzo(b)fluoranthene
Concen: 4.87 ng
RT: 15.12 min Scan# 1136
Delta R.T. 0.09 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion:252 Resp: 57161

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.0	27.0#
125	24.9	8.6	12.8#

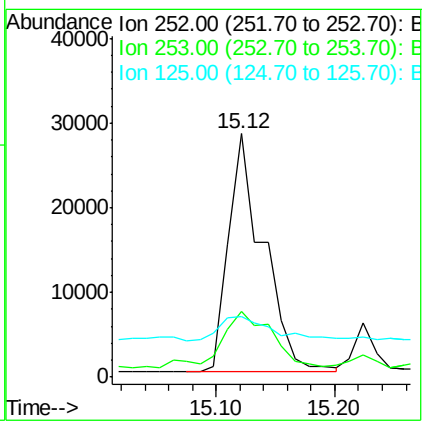


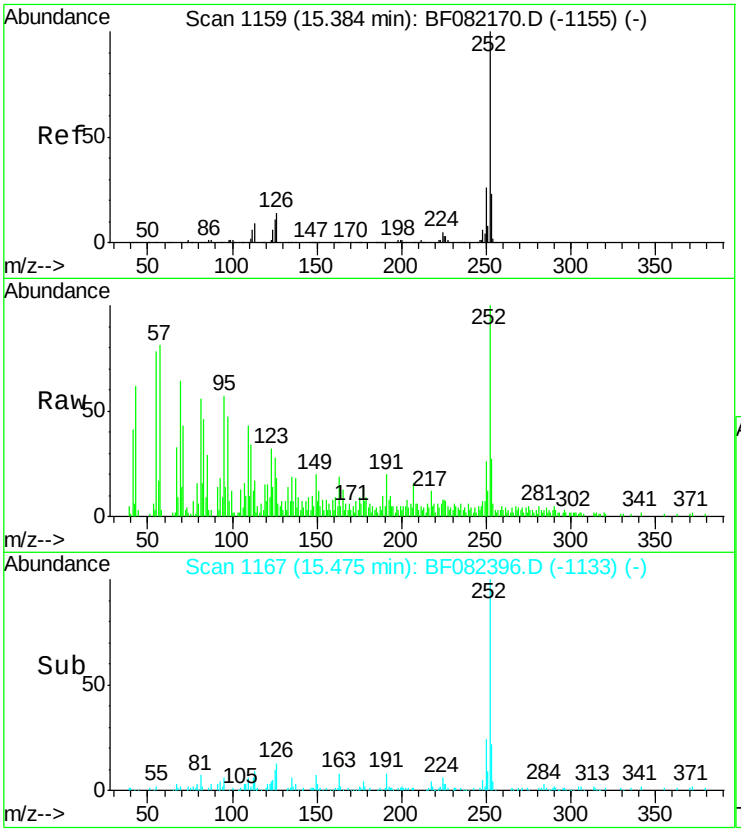


#88
Benzo(k)fluoranthene
Concen: 5.80 ng
RT: 15.12 min Scan# 1136
Delta R.T. 0.06 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Tgt Ion:252 Resp: 57161

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.8	26.6#
125	24.9	6.7	10.1#





#89
Benzo(a)pyrene
Concen: 3.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. 0.09 min
Lab File: BF082396.D
Acq: 20 Oct 2015 11:43

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05RE

Tgt Ion:252 Resp: 30233

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.2	27.2#
125	28.2	8.9	13.3#