Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101915\
Data File : BF082382.D
Acq On : 20 Oct 2015 5:02
Operator : UM/IZ
Sample : G4051-06RE
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK1-6-20151015RE

Quant Time: Oct 20 07:46:10 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	106796	20.00	ng		-0.03
21) Naphthalene-d8	8.09	136	411181	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	207329	20.00	ng		-0.03
63) Phenanthrene-d10	11.34	188	347450	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	249420	20.00	ng		-0.02
86) Perylene-d12	15.45	264	249597	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	31859	6.02	ng		-0.03
7) Phenol-d6	6.45	99	37272	5.41	ng		-0.03
23) Nitrobenzene-d5	7.37	82	21234	3.47	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	15528	7.99	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	52081	4.17	ng		-0.04
78) Terphenyl-d14	12.93	244	96126	10.21	ng		-0.03
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.85	165	25872	8.40	ng	#	32
55) 4-Nitrophenol	10.06	139	2209	Below	Cal	#	11
56) 2,4-Dinitrotoluene	9.85	165	25872	6.72	ng	#	23
70) Phenanthrene	11.36	178	226973	13.33	ng		98
71) Anthracene	11.42	178	46709	2.66	ng		98
74) Fluoranthene	12.56	202	311147	17.01	ng		96
77) Pyrene	12.79	202	259176	17.51	ng		98
80) Benzo(a)anthracene	13.98	228	127331	9.81	ng		95
82) Chrysene	14.02	228	113941	8.33	ng		97
85) Indeno(1,2,3-cd)pyrene	16.87	276	80590	7.41	ng		95
87) Benzo(b)fluoranthene	15.04	252	223745	14.73	ng		99
88) Benzo(k)fluoranthene	15.04	252	223745	17.53	ng	#	98
89) Benzo(a)pyrene	15.40	252	108371	8.30	ng		99
91) Benzo(g,h,i)perylene	17.29	276	79287	7.63	ng		95

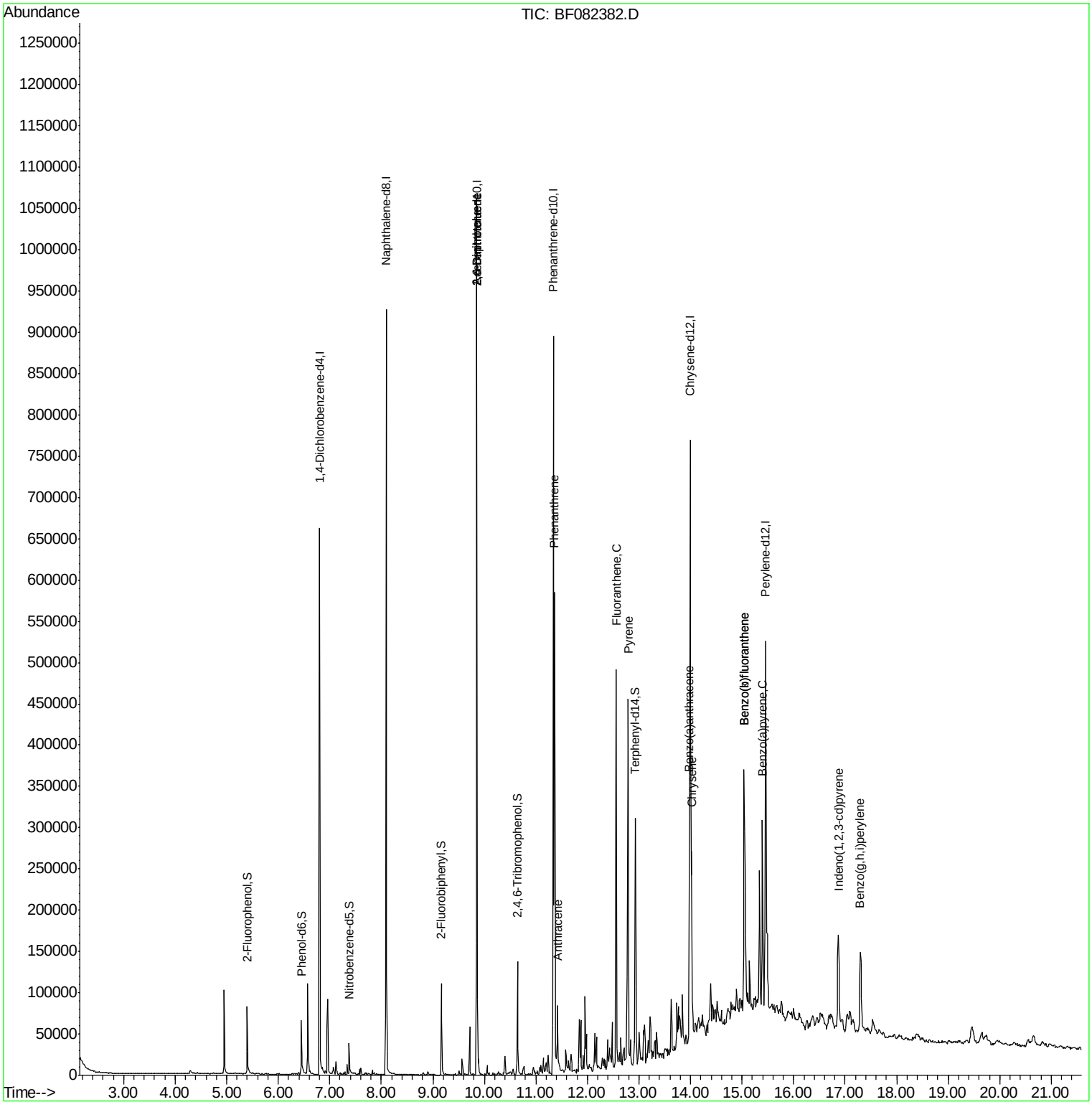
(#) = qualifier out of range (m) = manual integration (+) = signals summed

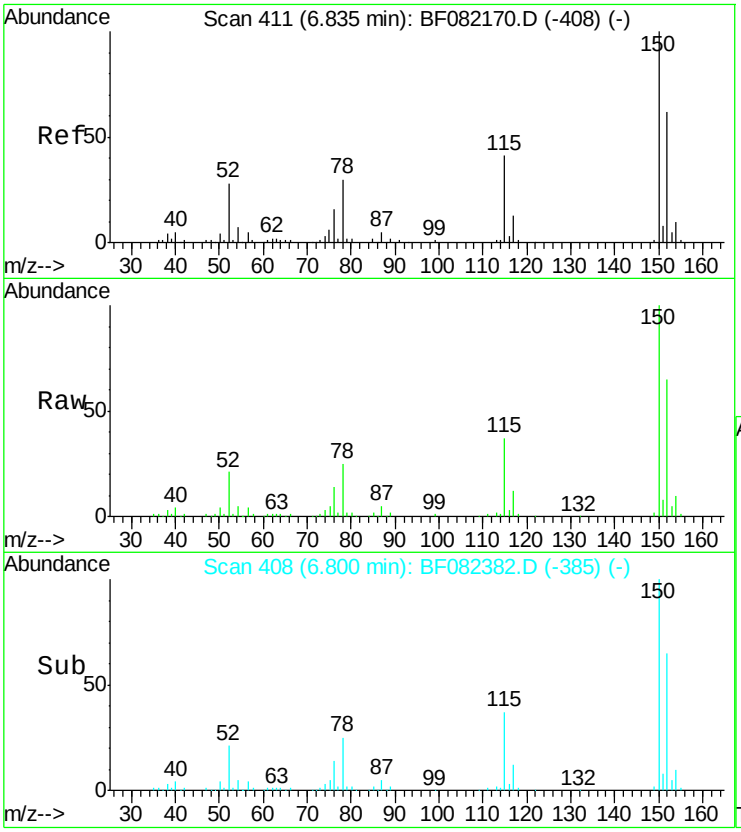
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101915\
Data File : BF082382.D
Acq On : 20 Oct 2015 5:02
Operator : UM/IZ
Sample : G4051-06RE
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK1-6-20151015RE

Quant Time: Oct 20 07:46:10 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



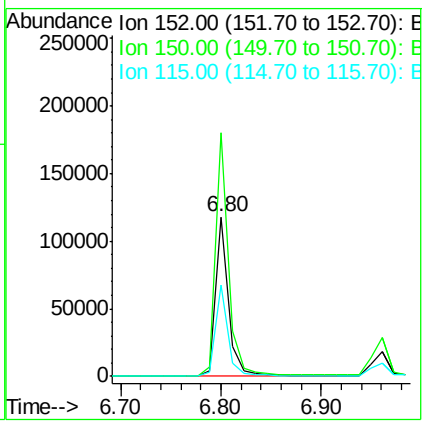


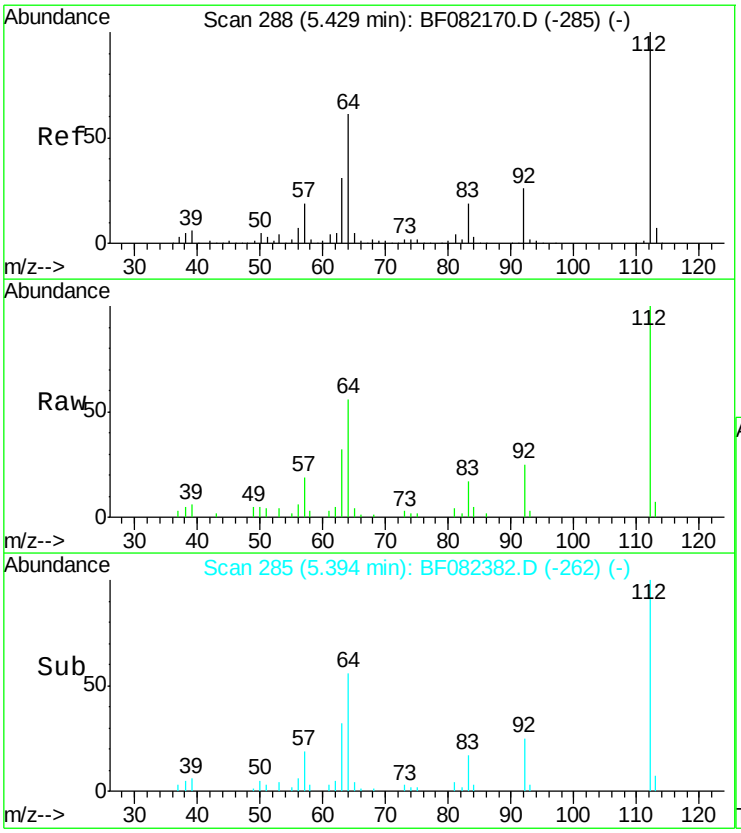
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion:152 Resp: 106796

Ion	Ratio	Lower	Upper
152	100		
150	152.9	129.0	193.4
115	57.1	52.1	78.1

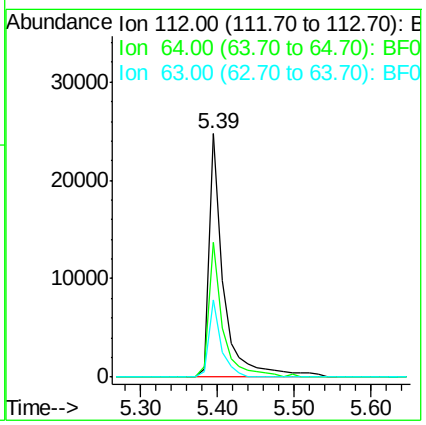


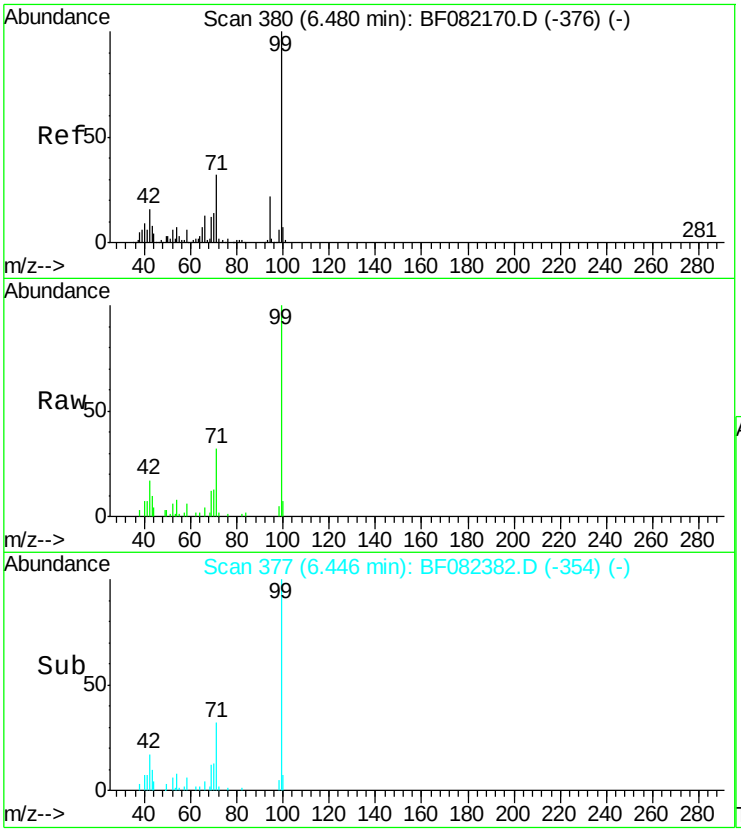


#5
2-Fluorophenol
Concen: 6.02 ng
RT: 5.39 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Tgt Ion:112 Resp: 31859

Ion	Ratio	Lower	Upper
112	100		
64	55.6	48.6	73.0
63	31.5	25.1	37.7



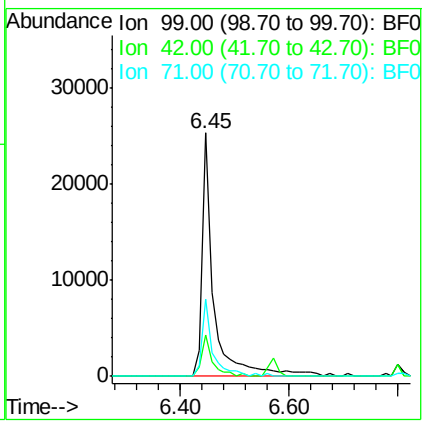


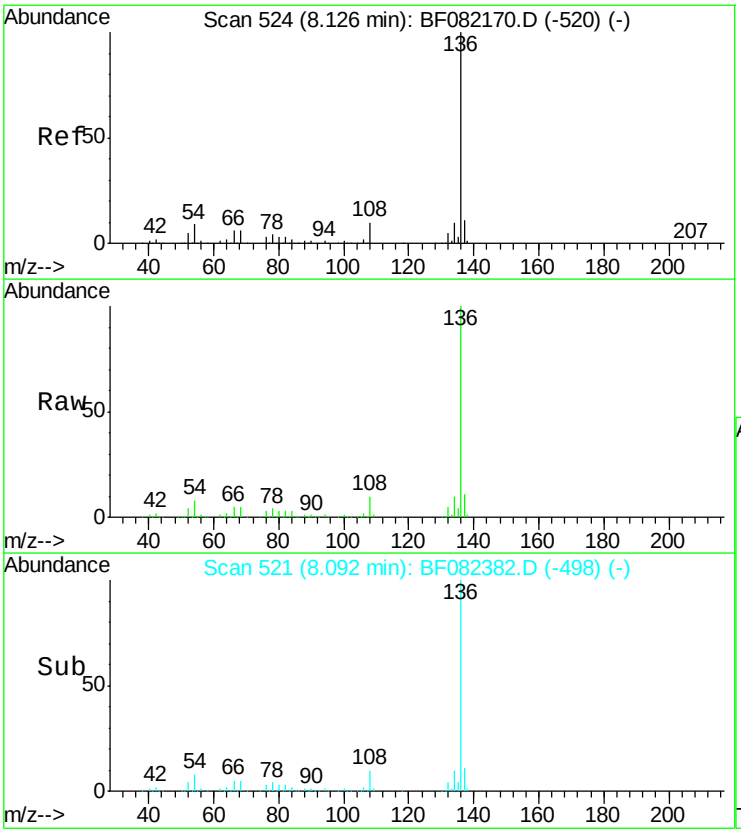
#7
Phenol-d6
Concen: 5.41 ng
RT: 6.45 min Scan# 377
Delta R.T. -0.03 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion: 99 Resp: 37272

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.2	19.8
71	31.7	25.6	38.4

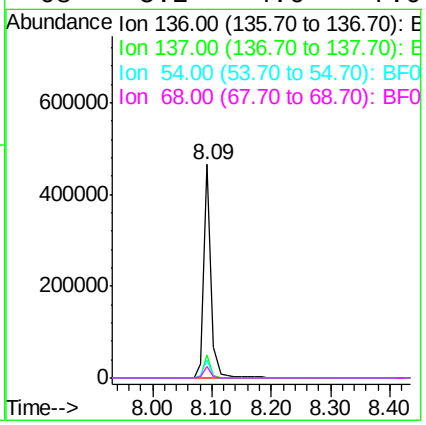


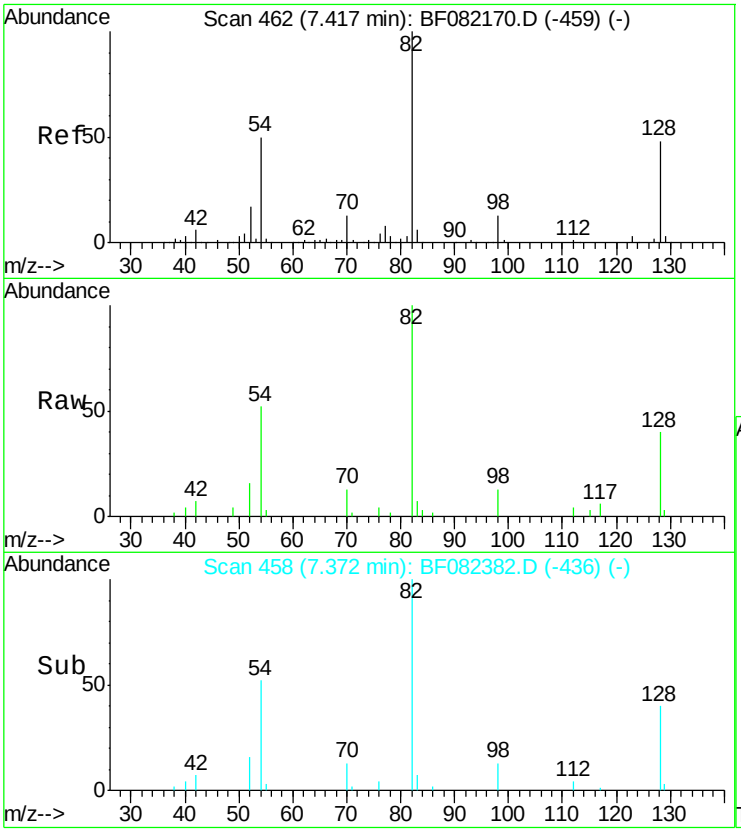


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. -0.03 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Tgt Ion:136 Resp: 411181

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.3	7.5	11.3
68	5.2	4.6	7.0



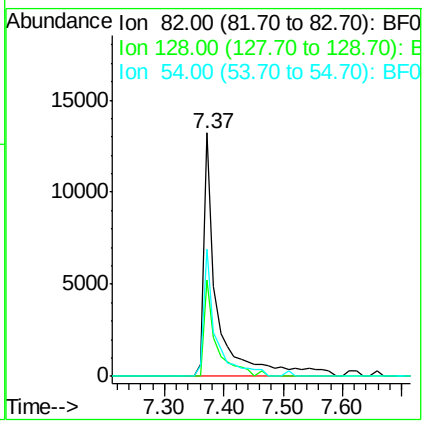


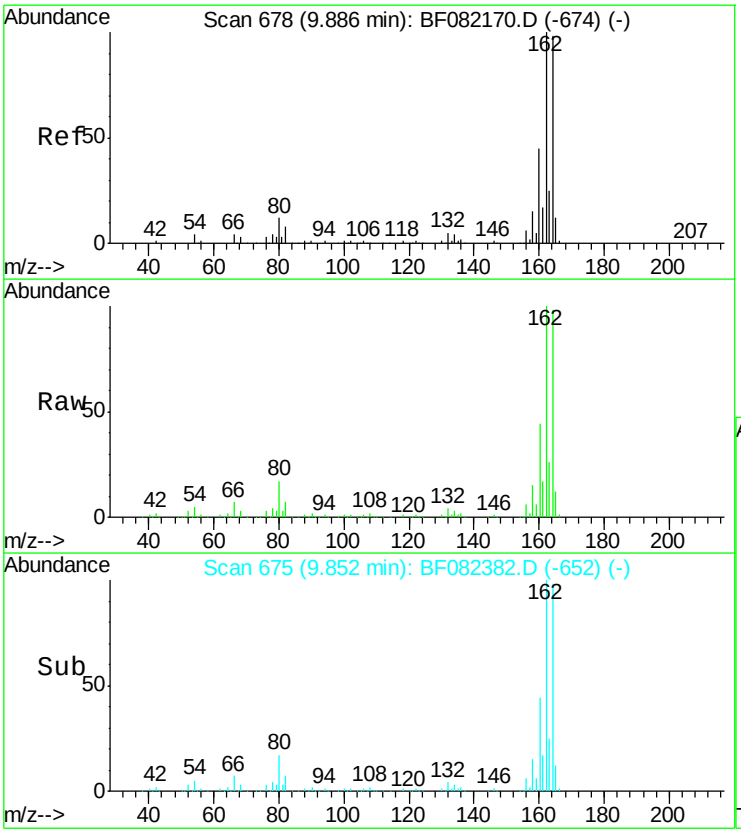
#23
Nitrobenzene-d5
Concen: 3.47 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion: 82 Resp: 21234

Ion	Ratio	Lower	Upper
82	100		
128	39.8	38.7	58.1
54	52.0	40.1	60.1

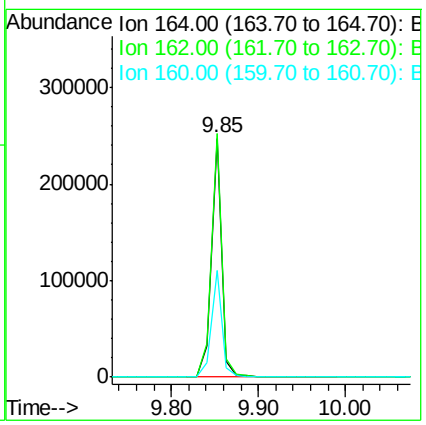


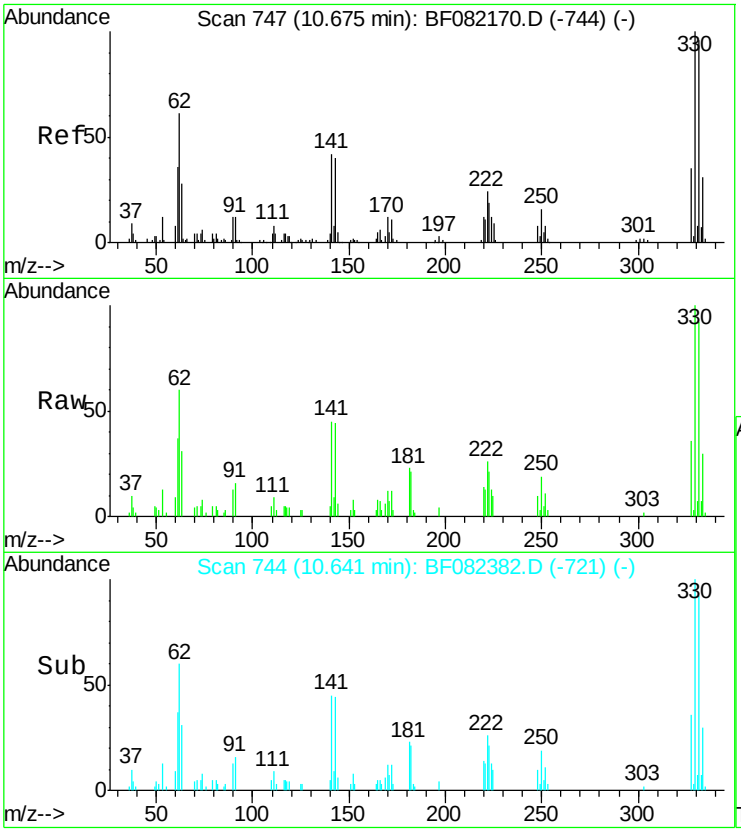


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Tgt Ion:164 Resp: 207329

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	44.7	36.4	54.6



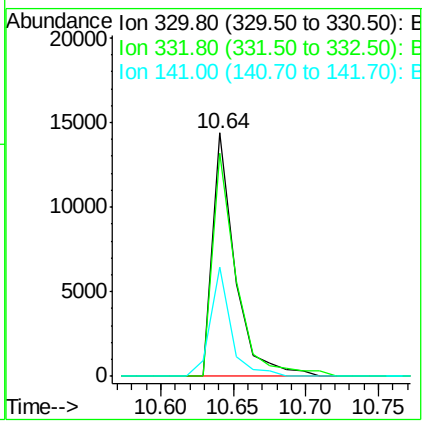


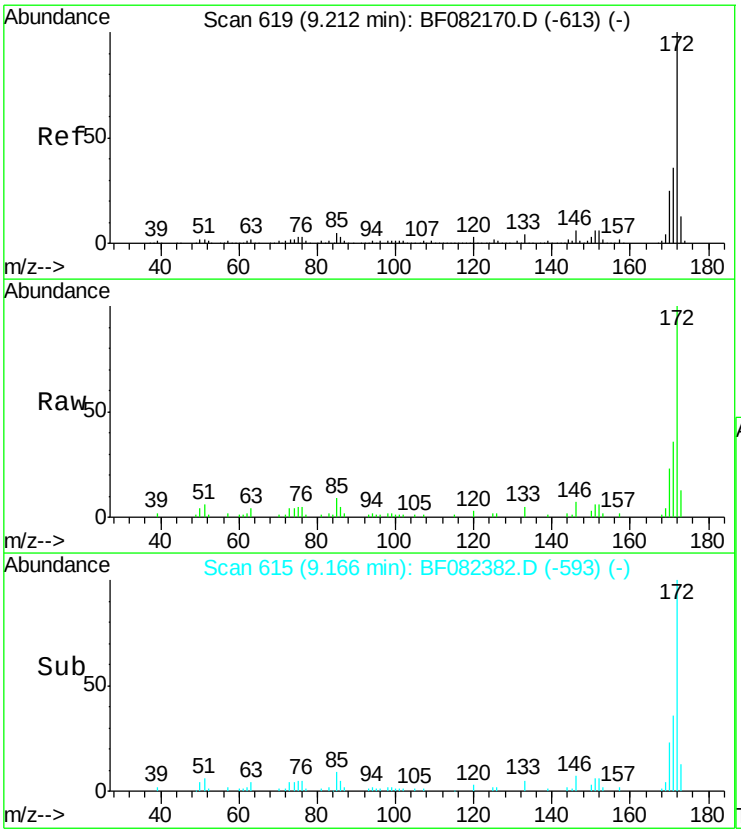
#41
2,4,6-Tribromophenol
Concen: 7.99 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion:330 Resp: 15528

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	41.1	29.8	44.8

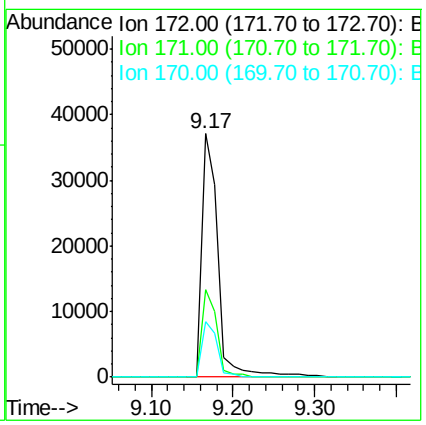


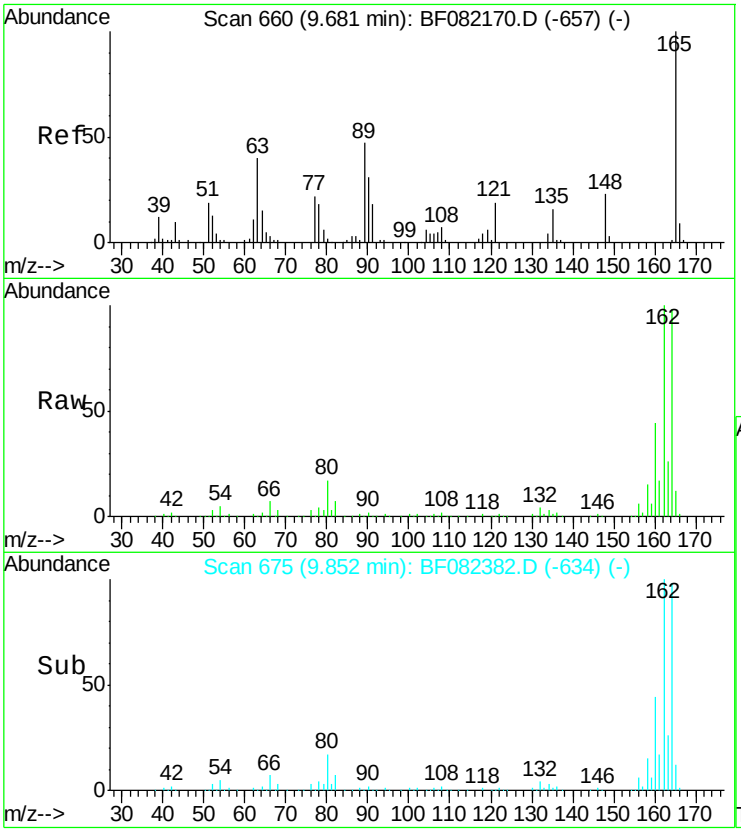


#44
2-Fluorobiphenyl
Concen: 4.17 ng
RT: 9.17 min Scan# 615
Delta R.T. -0.04 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Tgt Ion:172 Resp: 52081

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	22.8	19.7	29.5



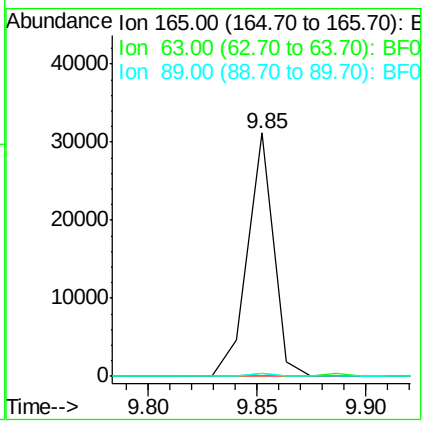


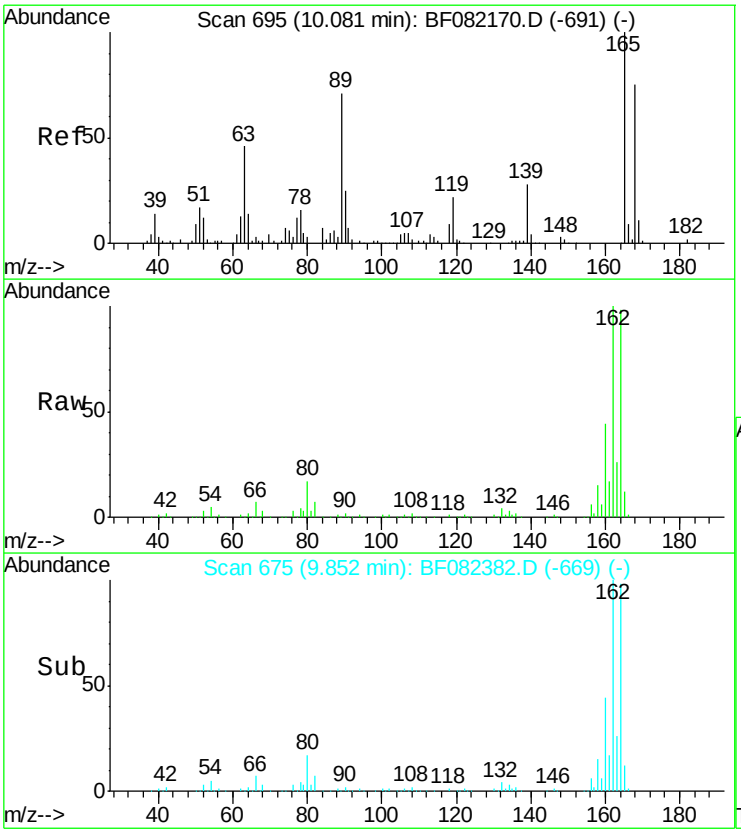
#50
2,6-Dinitrotoluene
Concen: 8.40 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.17 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion:165 Resp: 25872

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.4	37.8	56.6#

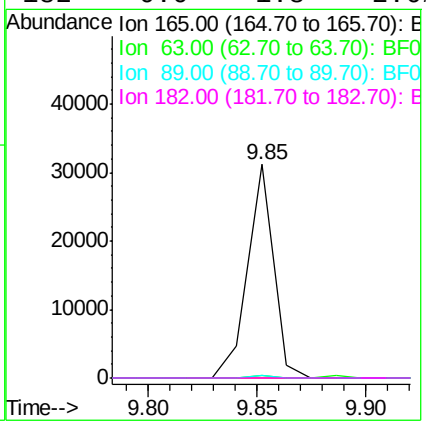


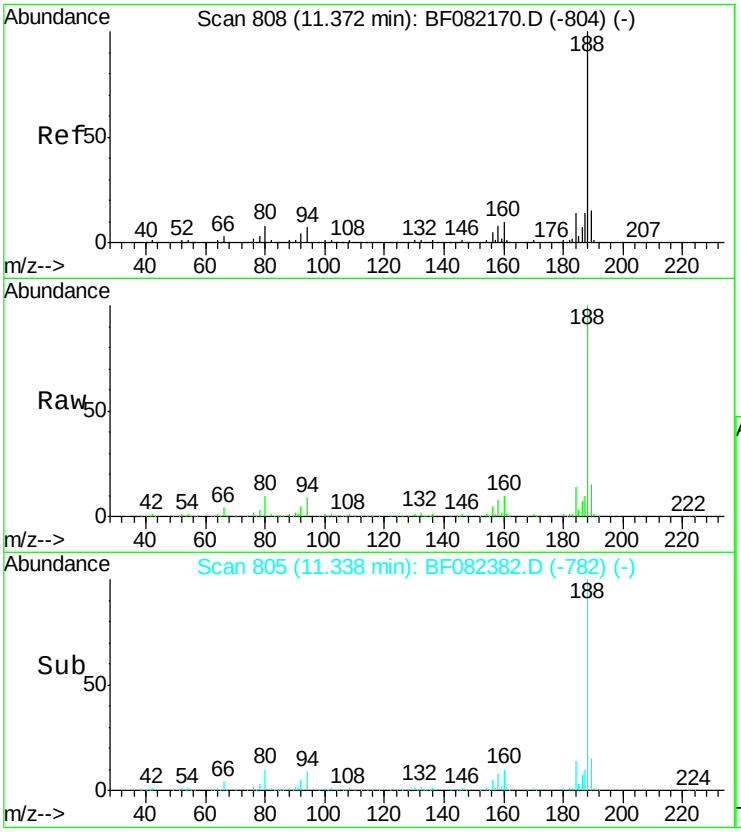


#56
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.23 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Tgt Ion:165 Resp: 25872

Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.6	58.0#
89	1.4	57.0	85.6#
182	0.0	1.8	2.6#



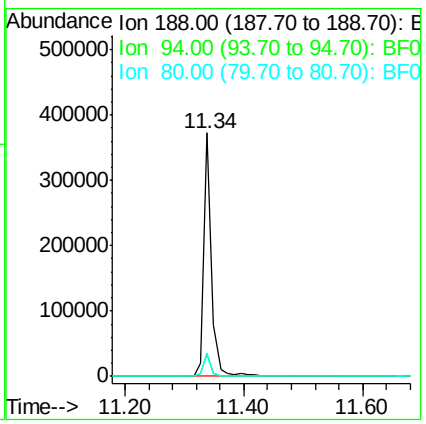


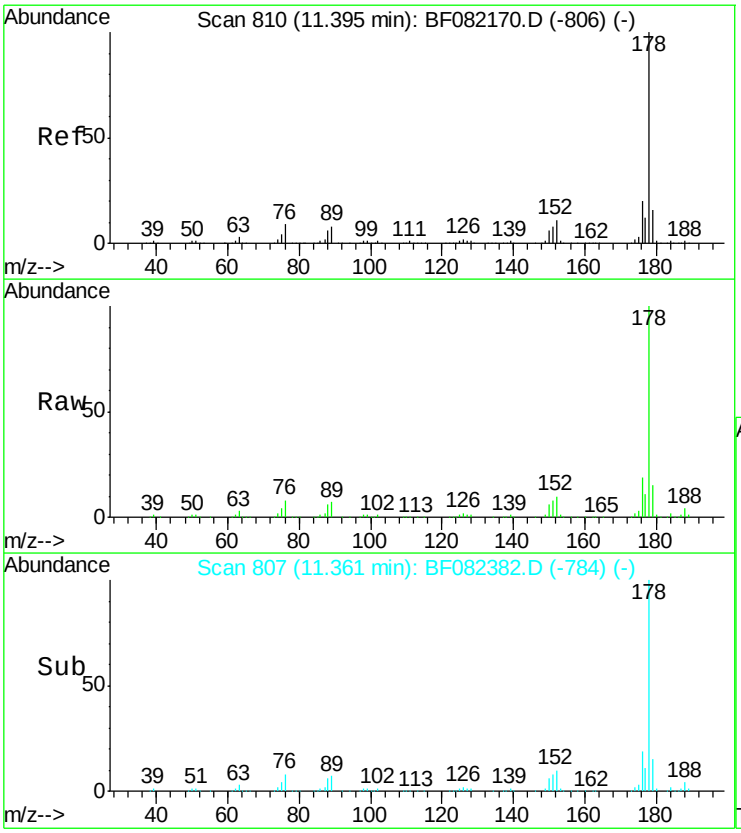
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion:188 Resp: 347450

Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.8	8.6#
80	9.6	6.4	9.6#

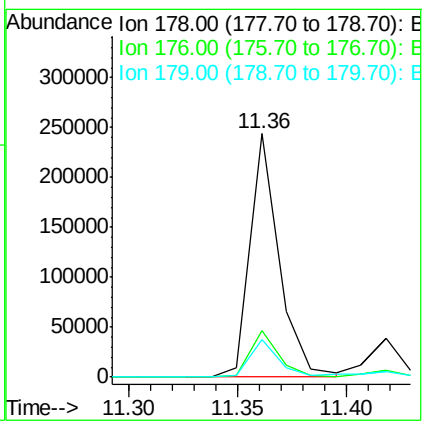


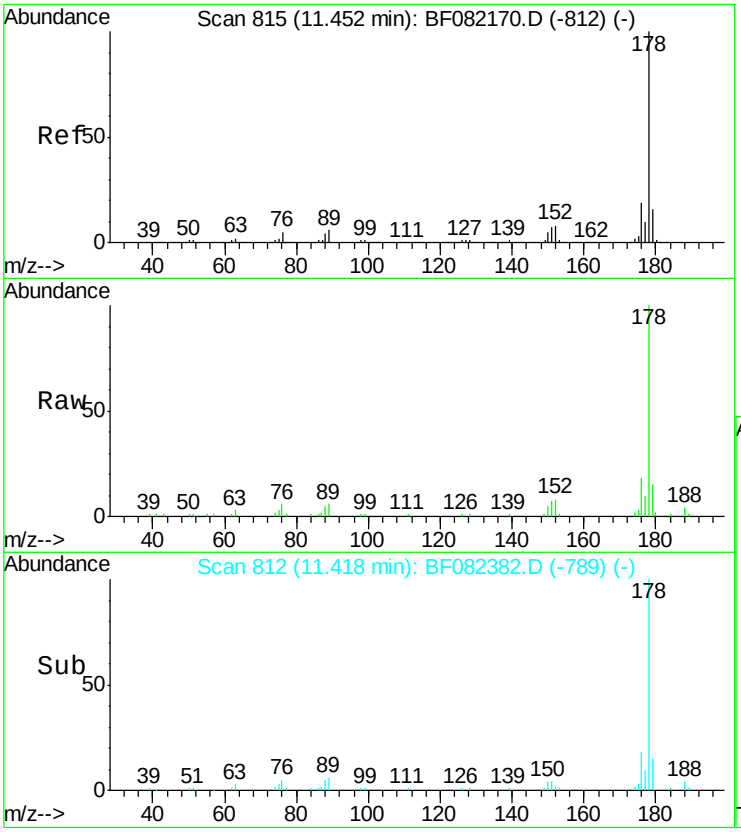


#70
Phenanthrene
Concen: 13.33 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Tgt Ion:178 Resp: 226973

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.3	12.6	19.0



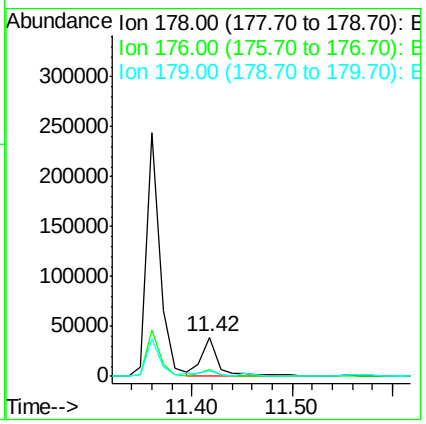


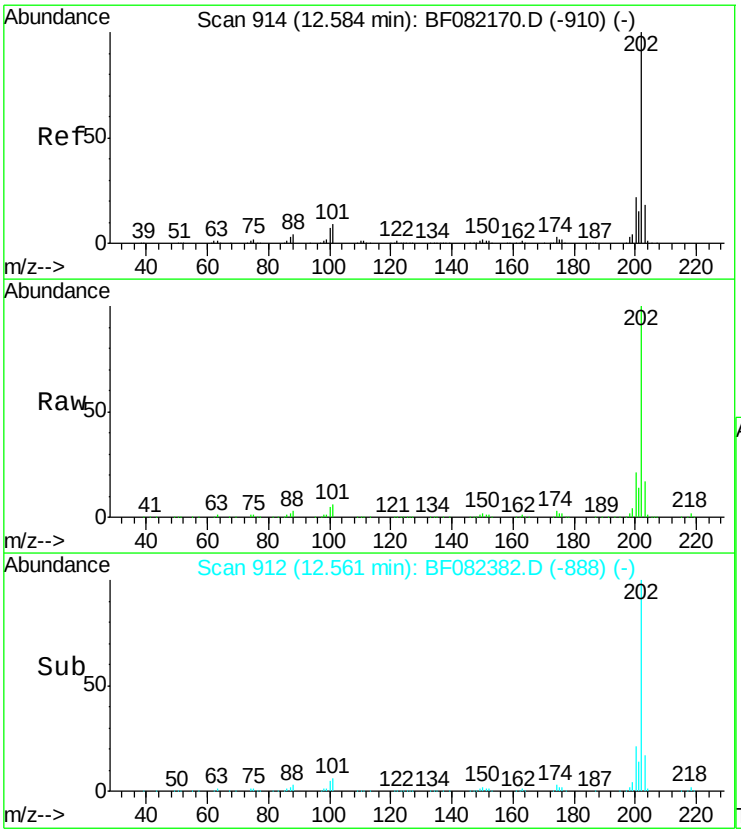
#71
Anthracene
Concen: 2.66 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion:178 Resp: 46709

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.0
179	14.9	12.5	18.7

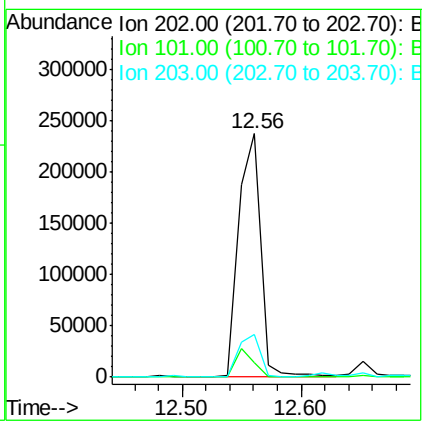


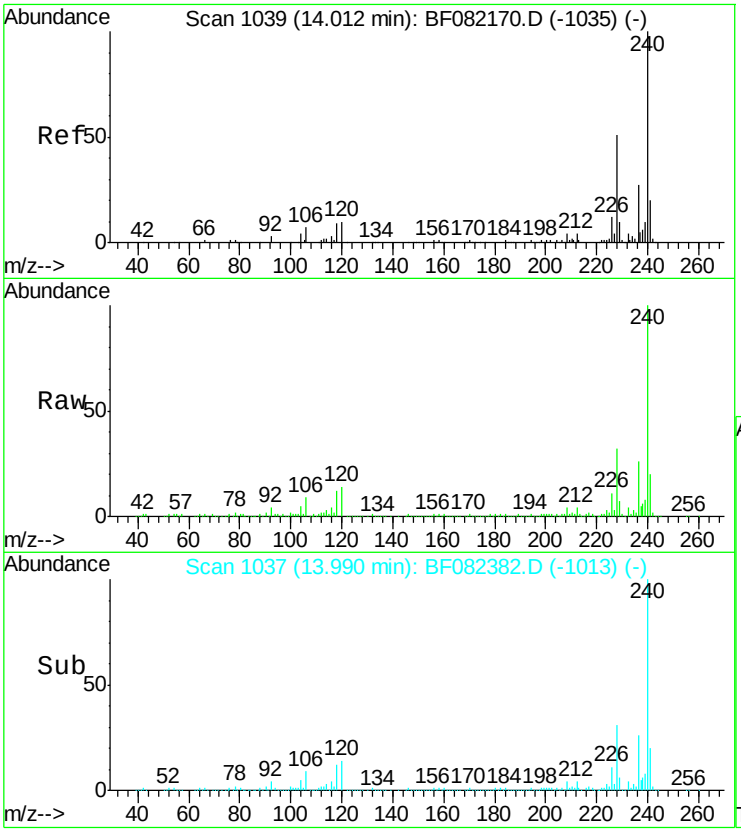


#74
Fluoranthene
Concen: 17.01 ng
RT: 12.56 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Tgt Ion:202 Resp: 311147

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	29.3
203	17.3	0.0	37.8



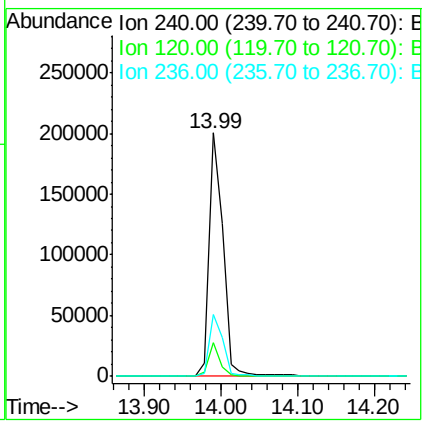


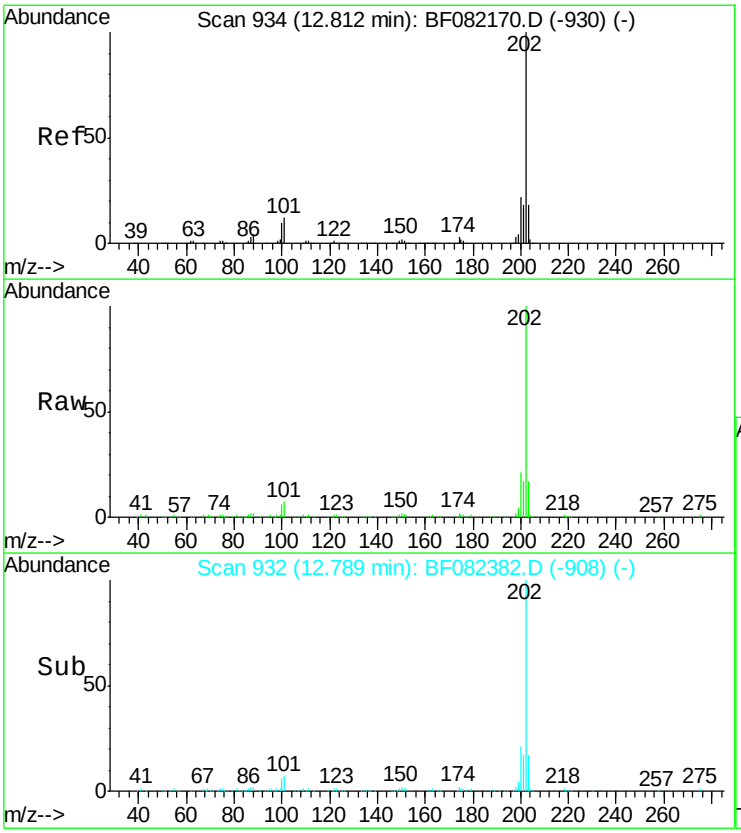
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion:240 Resp: 249420

Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.1	12.1#
236	25.6	21.3	31.9

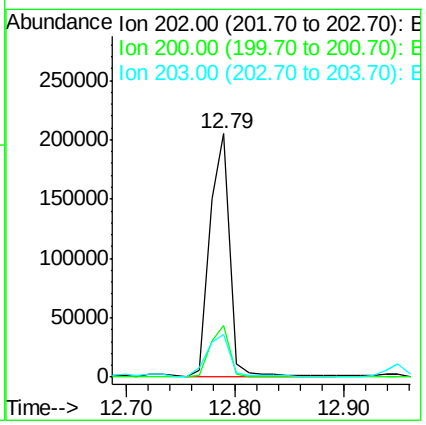


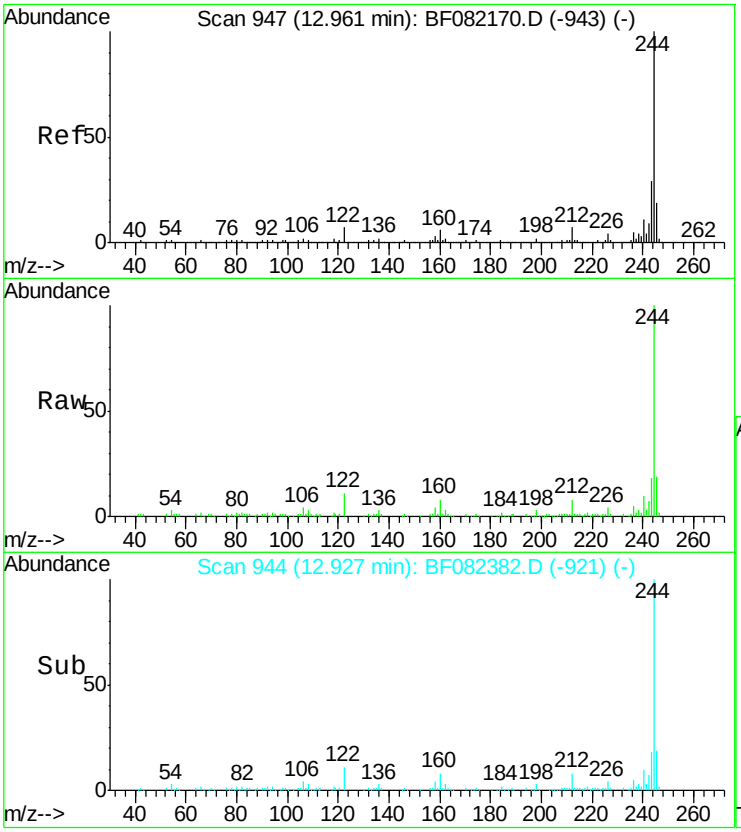


#77
Pyrene
Concen: 17.51 ng
RT: 12.79 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Tgt Ion:202 Resp: 259176

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.9	26.9
203	17.3	14.5	21.7



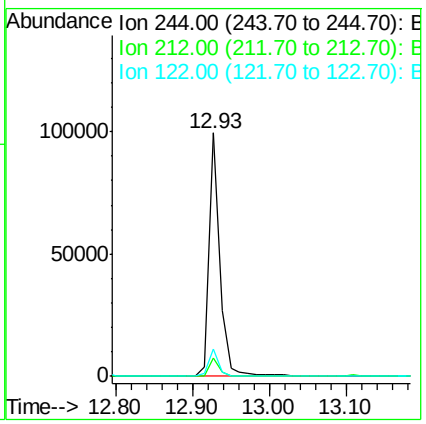


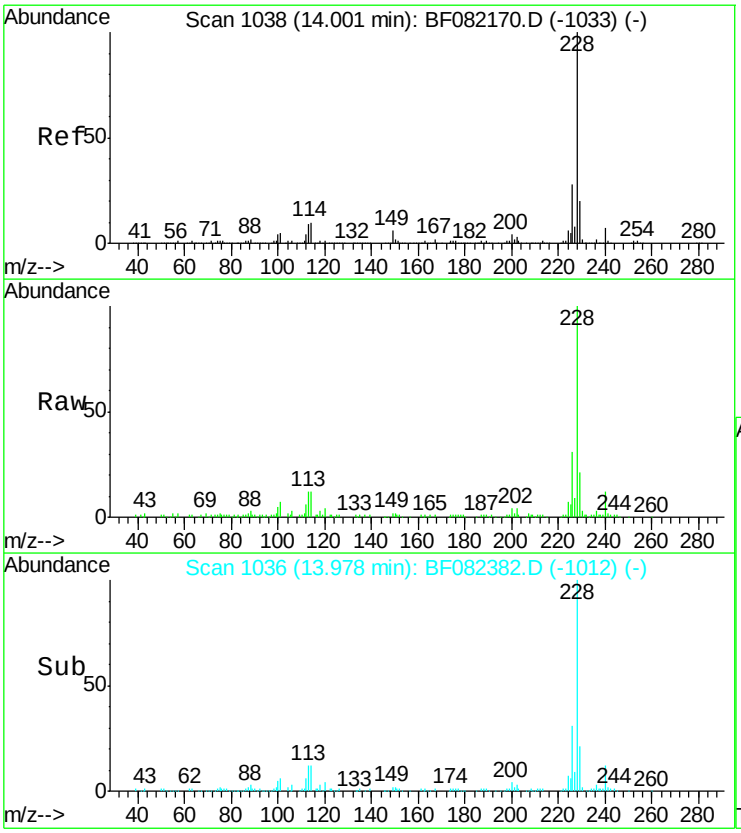
#78
Terphenyl-d14
Concen: 10.21 ng
RT: 12.93 min Scan# 944
Delta R.T. -0.03 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion:244 Resp: 96126

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	11.3	5.9	8.9#

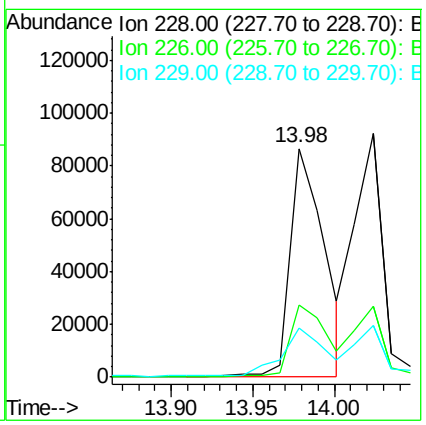


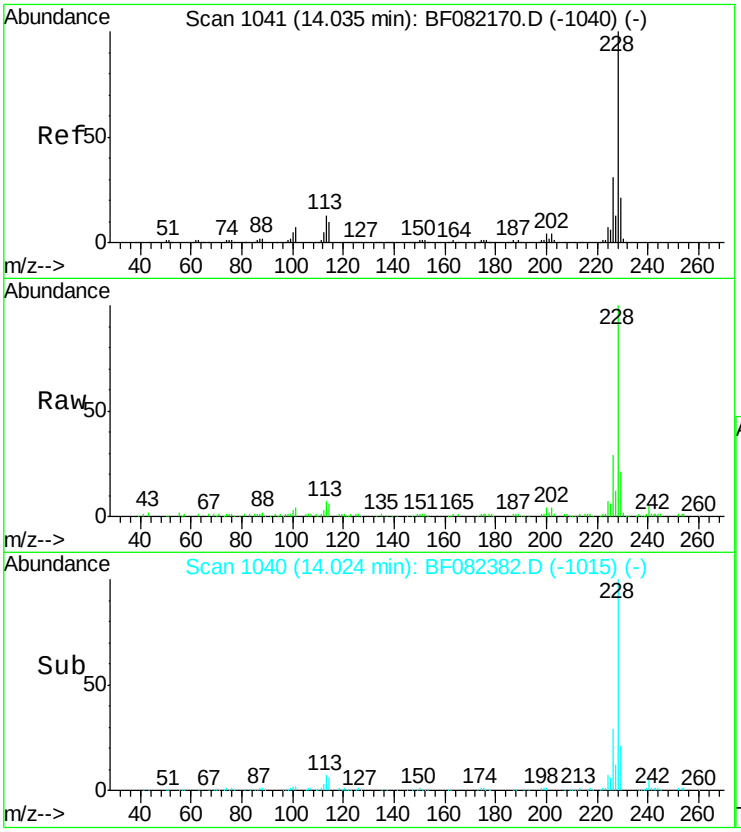


#80
Benzo(a)anthracene
Concen: 9.81 ng
RT: 13.98 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Tgt Ion:228 Resp: 127331

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.3	33.5
229	21.3	16.2	24.2



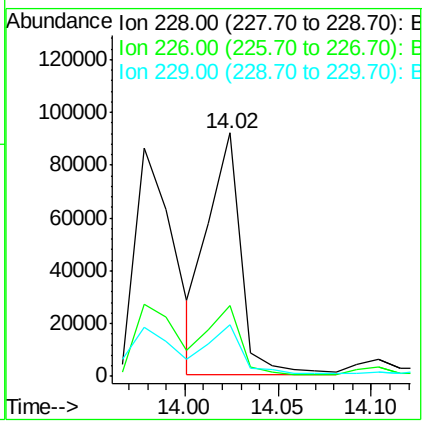


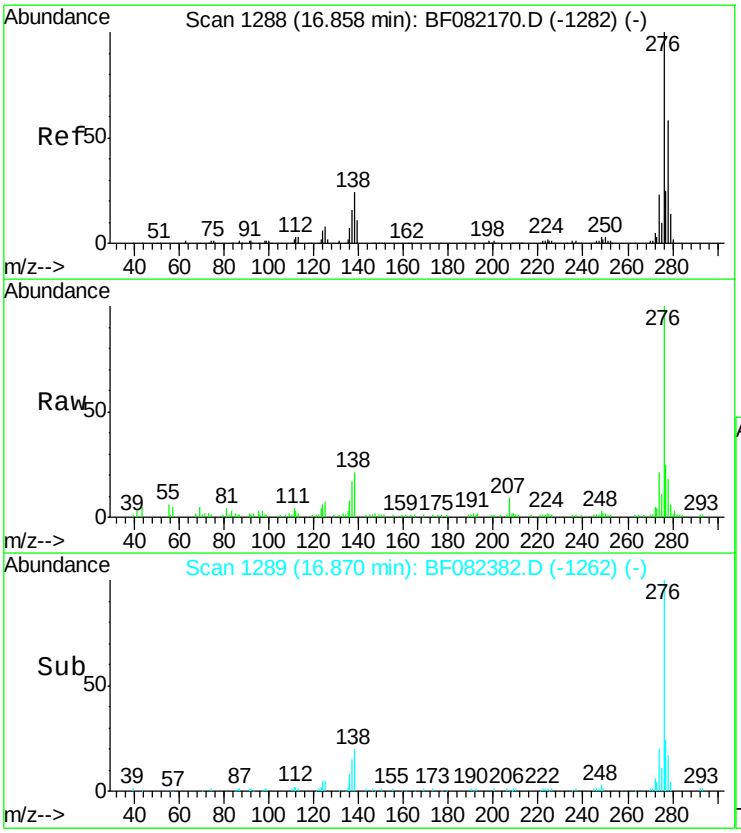
#82
Chrysene
Concen: 8.33 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion:228 Resp: 113941

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.4	36.6
229	21.4	16.3	24.5

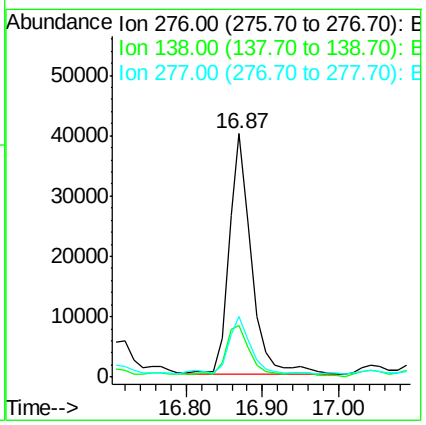


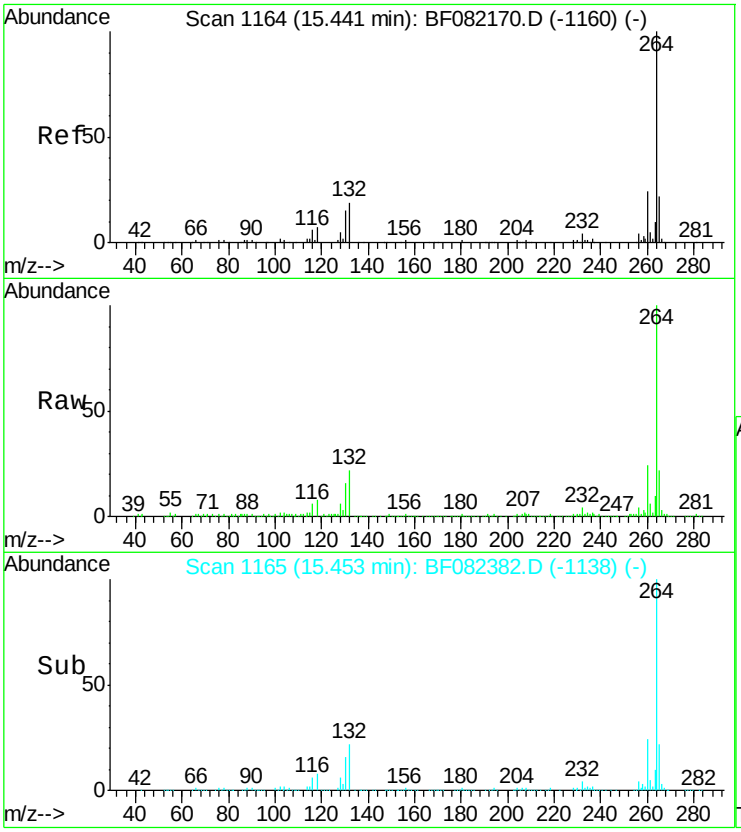


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.41 ng
RT: 16.87 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Tgt Ion:276 Resp: 80590

Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.7	29.5
277	23.5	20.1	30.1



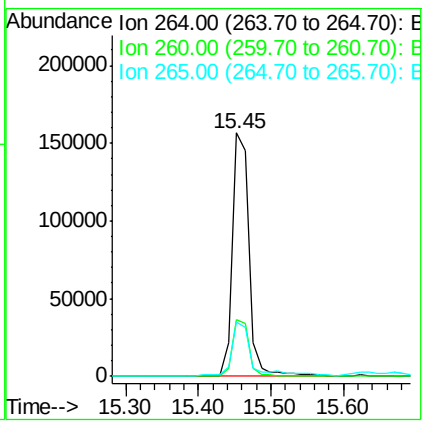


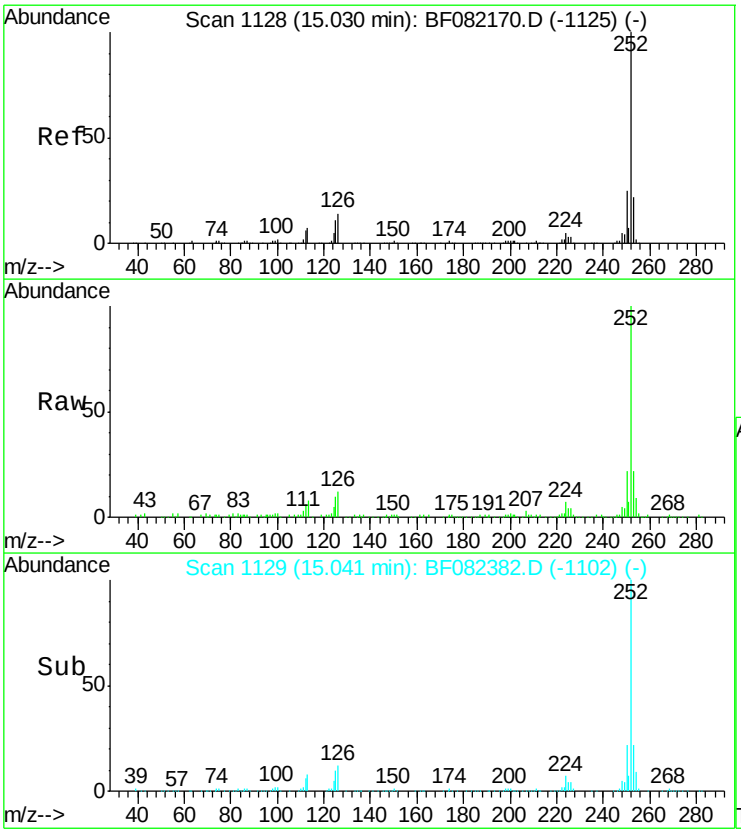
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion:264 Resp: 249597

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.0	17.3	25.9

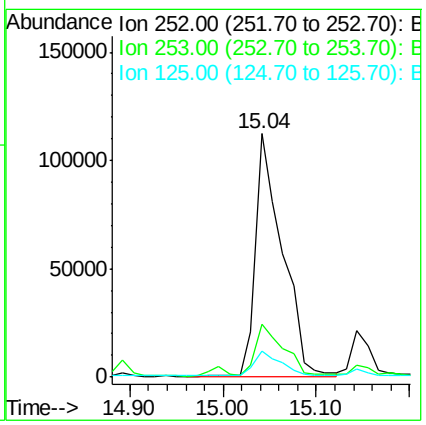


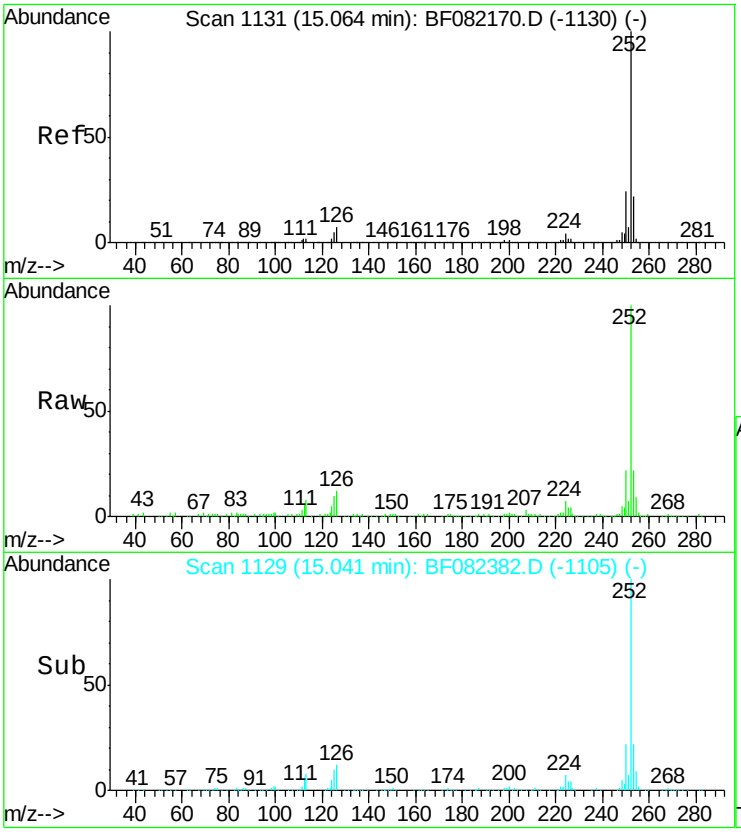


#87
Benzo(b)fluoranthene
Concen: 14.73 ng
RT: 15.04 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Tgt Ion:252 Resp: 223745

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.5	8.6	12.8



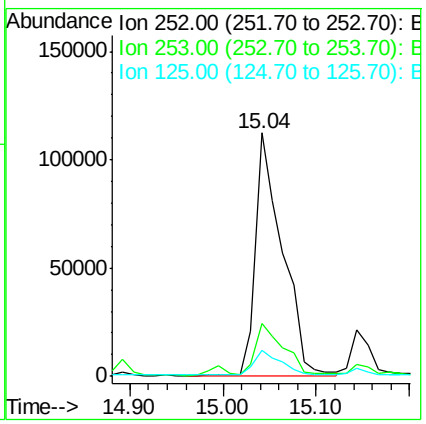


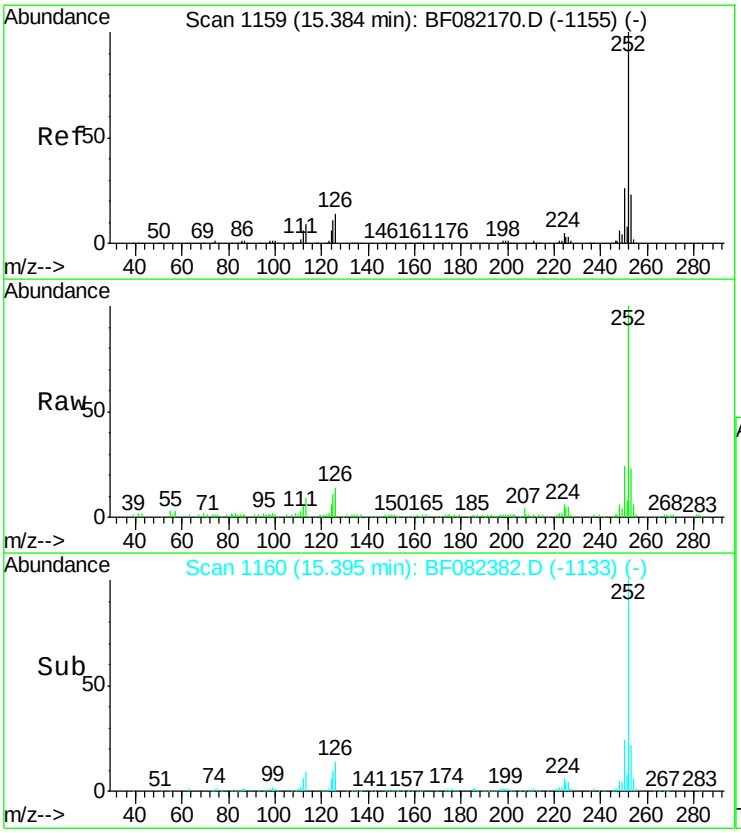
#88
Benzo(k)fluoranthene
Concen: 17.53 ng
RT: 15.04 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion:252 Resp: 223745

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.5	6.7	10.1#

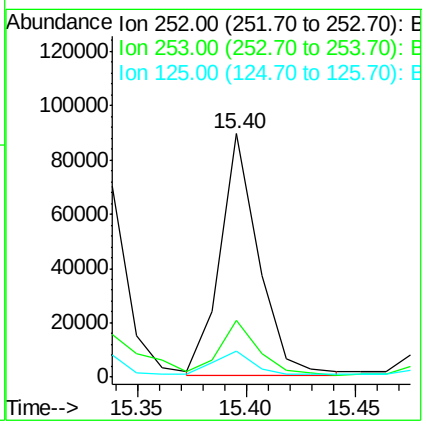


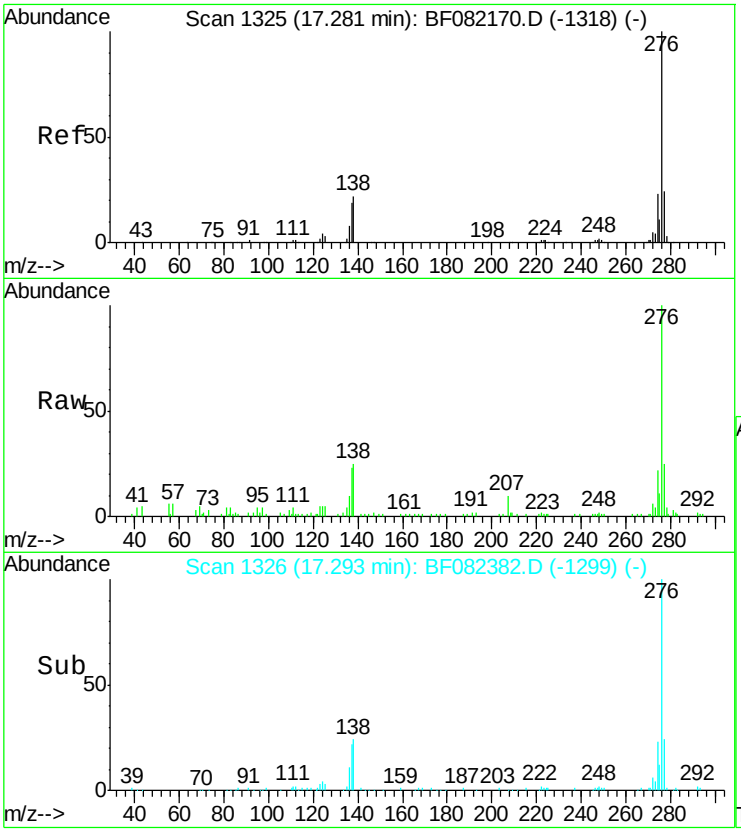


#89
Benzo(a)pyrene
Concen: 8.30 ng
RT: 15.40 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Tgt Ion:252 Resp: 108371

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.7	8.9	13.3





#91
Benzo(g,h,i)perylene
Concen: 7.63 ng
RT: 17.29 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF082382.D
Acq: 20 Oct 2015 5:02

Instrument :
BNA_F
ClientSampleId :
TK1-6-20151015RE

Tgt Ion:276 Resp: 79287

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	24.6	17.4	26.2