Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088402.D
Acq On : 26 Jun 2016 5:33
Operator : UM/SJ
Sample : H3599-20DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1436(0-4)DL

Quant Time: Jun 26 06:11:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	53887	20.00	ng		0.11
21) Naphthalene-d8	7.85	136	365488	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	155788	20.00	ng		-0.06
63) Phenanthrene-d10	11.06	188	230881	20.00	ng		-0.06
75) Chrysene-d12	13.69	240	195720	20.00	ng		-0.06
86) Perylene-d12	15.05	264	157207	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	104619	33.19	ng		-0.03
7) Phenol-d6	6.23	99	129133	33.80	ng		-0.03
23) Nitrobenzene-d5	7.13	82	80731	12.90	ng		-0.05
41) 2,4,6-Tribromophenol	10.38	330	21502	13.07	ng		-0.06
44) 2-Fluorobiphenyl	8.92	172	174799	12.93	ng		-0.05
78) Terphenyl-d14	12.65	244	102199	11.88	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.13	70	9553	3.91	ng	#	75
25) Isophorone	7.13	82	82552	7.12	ng	#	65
45) 1,1'-Biphenyl	9.03	154	968	Below Cal			90
48) Acenaphthylene	9.45	152	49704	3.10	ng		100
49) Dimethylphthalate	9.32	163	22815	2.02	ng		99
50) 2,6-Dinitrotoluene	9.59	165	20015	7.74	ng	#	40
56) 2,4-Dinitrotoluene	9.59	165	20016	6.03	ng	#	38
57) Fluorene	10.14	166	6580	Below Cal		#	91
70) Phenanthrene	11.08	178	67848	5.60	ng		97
71) Anthracene	11.14	178	48129	3.94	ng		98
74) Fluoranthene	12.27	202	278070	21.75	ng		96
77) Pyrene	12.49	202	265433	18.28	ng		97
80) Benzo(a)anthracene	13.68	228	173415	15.55	ng		97
82) Chrysene	13.68	228	173415	16.53	ng		96
85) Indeno(1,2,3-cd)pyrene	16.29	276	47691	4.89	ng	#	100
87) Benzo(b)fluoranthene	14.69	252	228365	20.84	ng	#	96
88) Benzo(k)fluoranthene	14.69	252	228365	27.63	ng		99
89) Benzo(a)pyrene	14.99	252	96323	10.87	ng		98
91) Benzo(g,h,i)perylene	16.65	276	38285	4.52	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 26 Jun 2016 5:33
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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Quant Time: Jun 26 06:11:10 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
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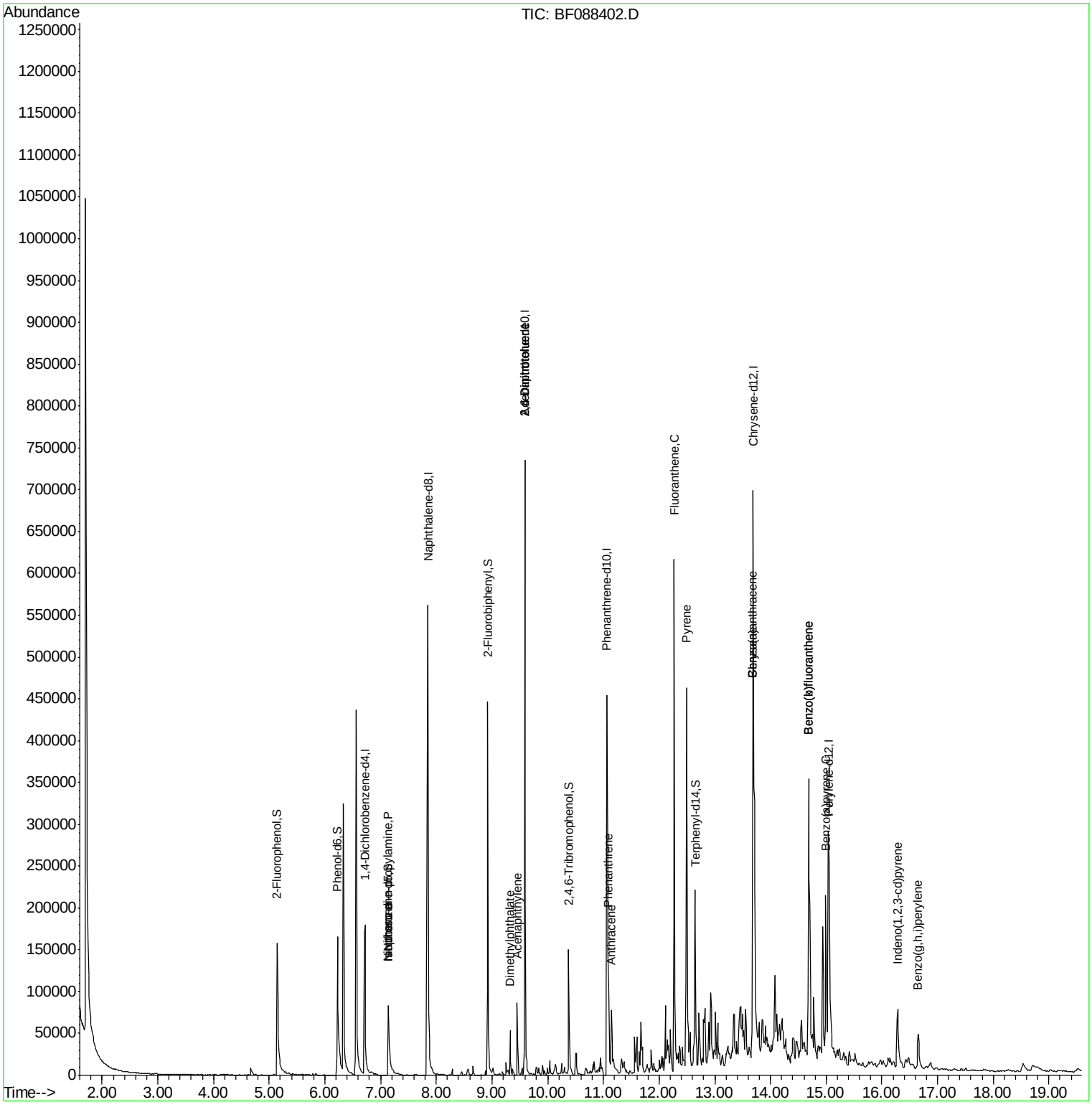
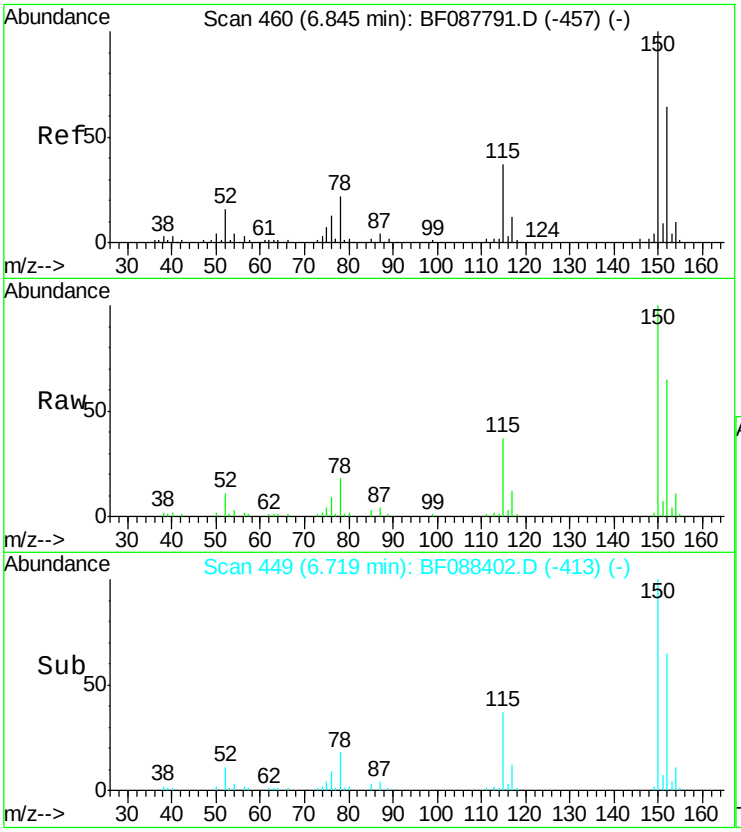


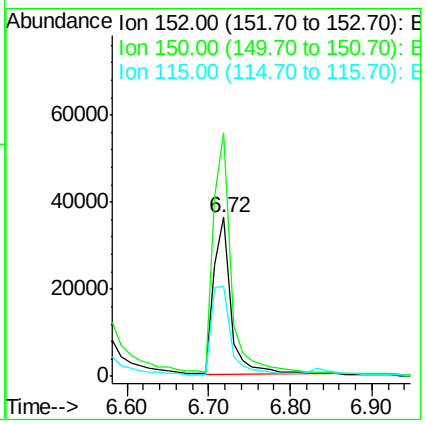


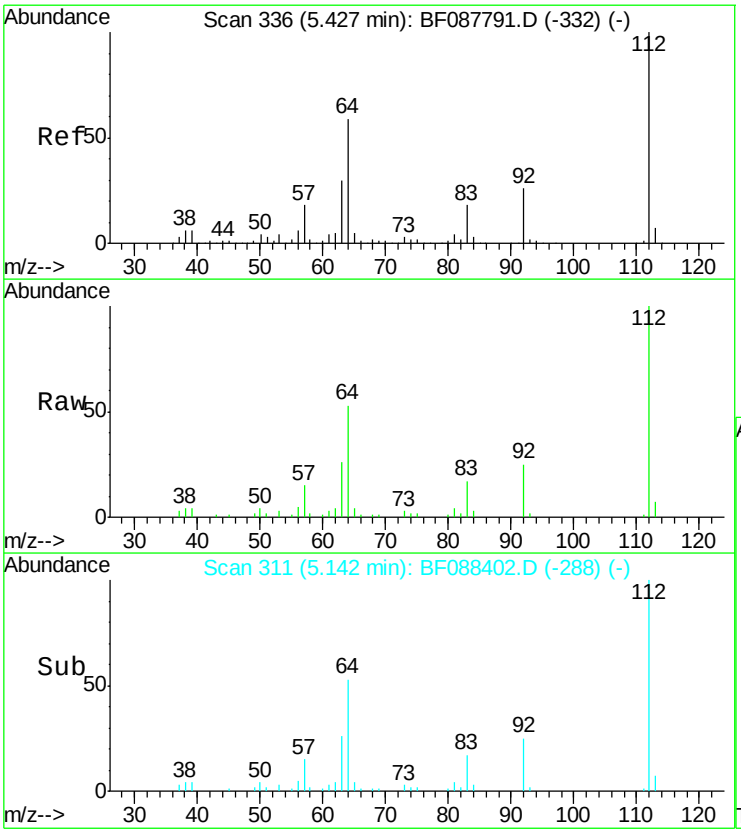
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.11 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:152 Resp: 53887

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.6
115	56.5	39.6	59.4

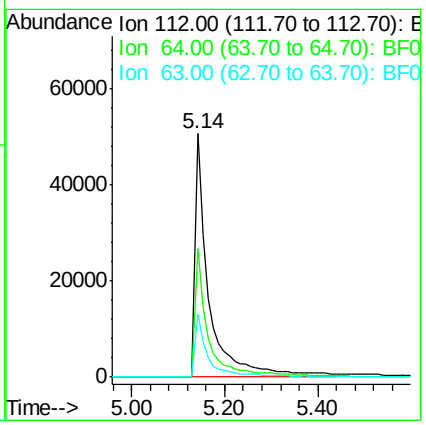


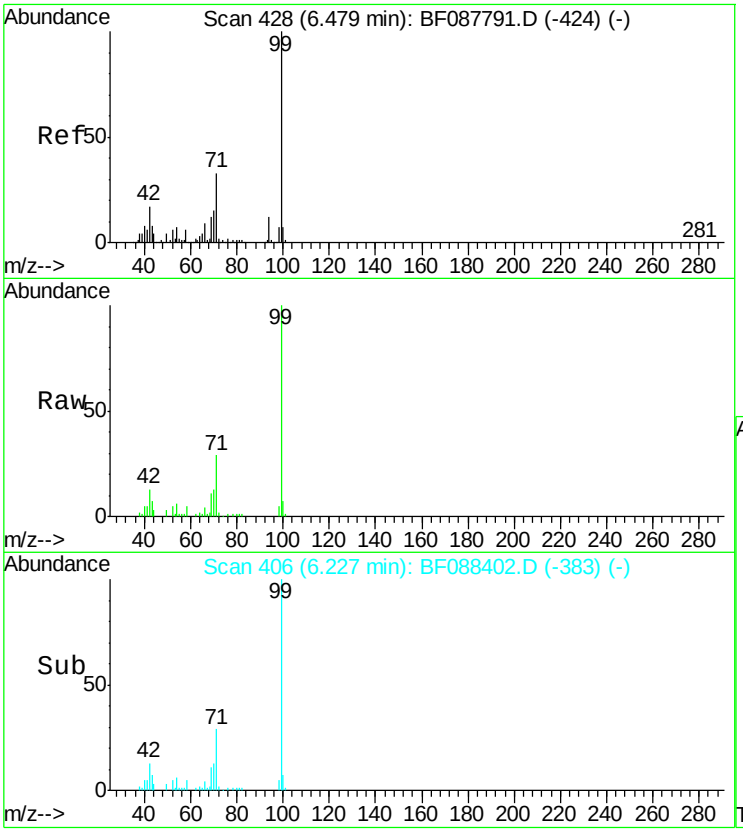


#5
2-Fluorophenol
Concen: 33.19 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.03 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:112 Resp: 104619

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.2	63.2
63	26.0	21.8	32.8



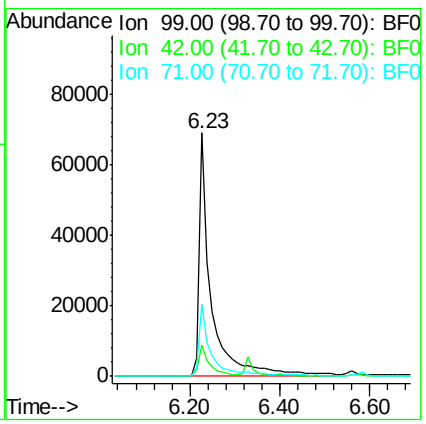


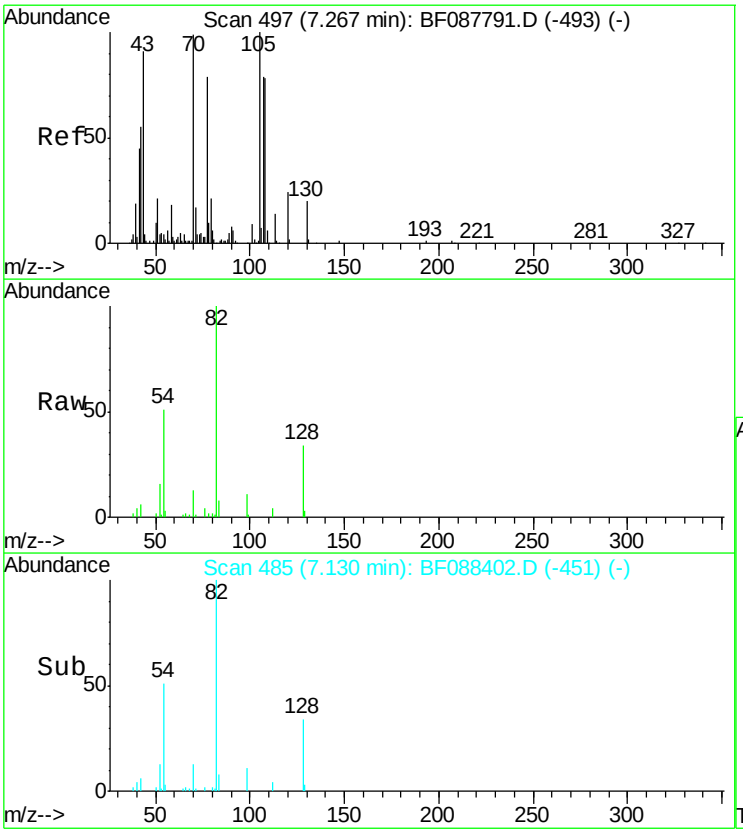
#7
Phenol-d6
Concen: 33.80 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.03 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion: 99 Resp: 129133

Ion	Ratio	Lower	Upper
99	100		
42	12.8	12.2	18.2
71	29.4	23.4	35.0

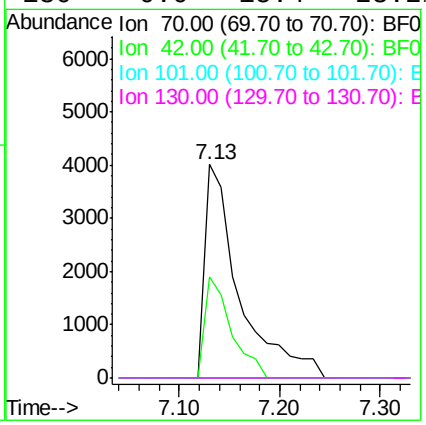


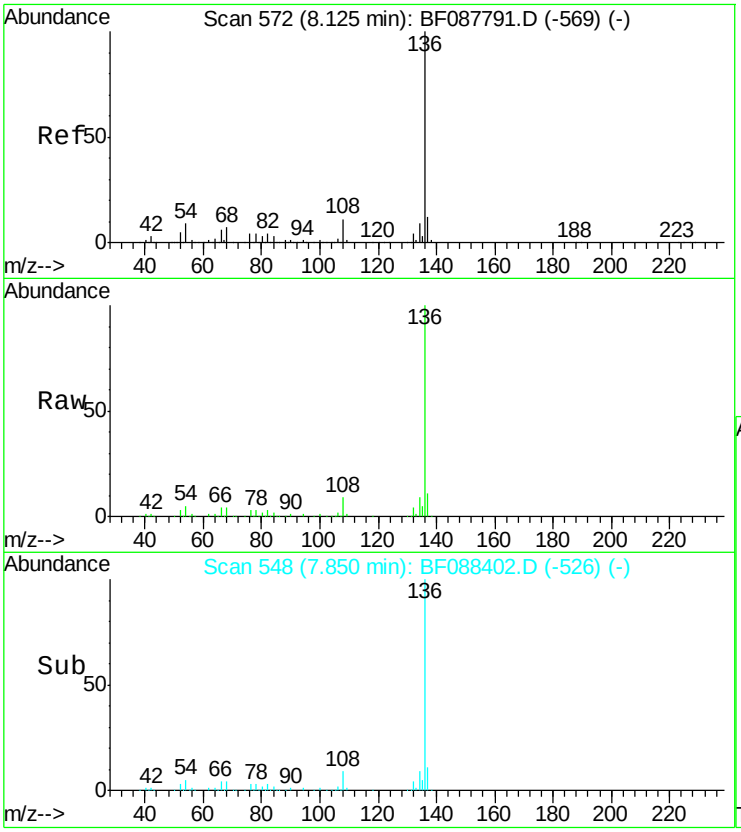


#19
n-Nitroso-di-n-propylamine
Concen: 3.91 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.09 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion: 70 Resp: 9553

Ion	Ratio	Lower	Upper
70	100		
42	47.4	49.6	74.4#
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



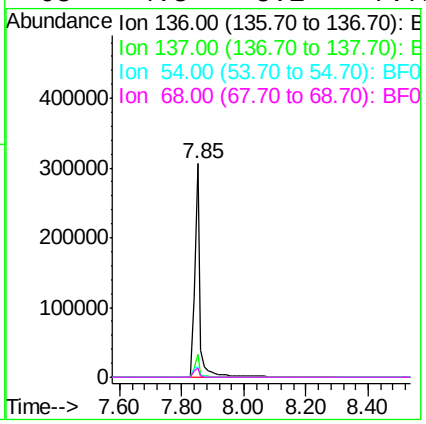


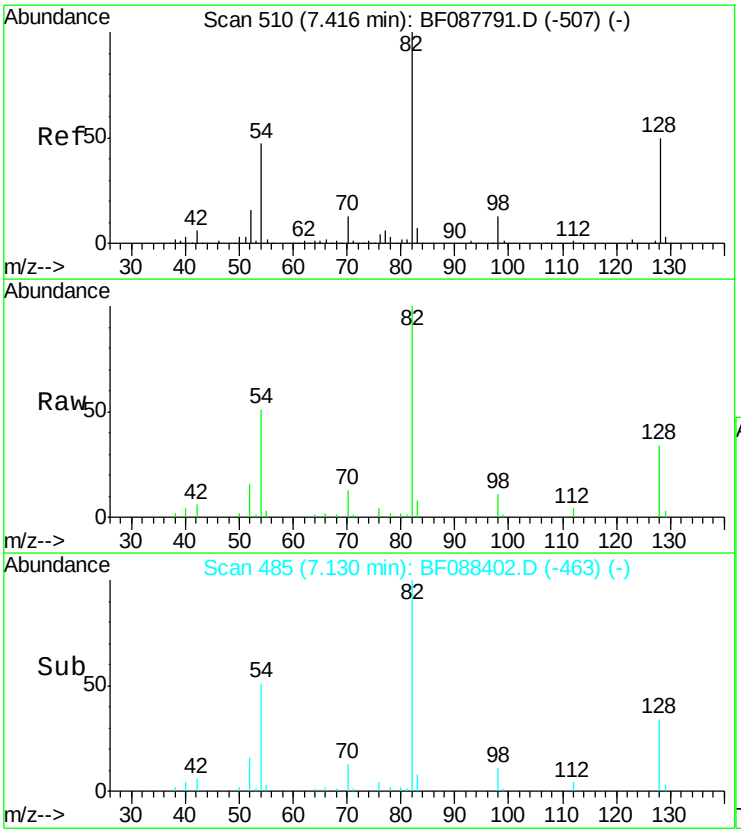
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:136 Resp: 365488

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.1	6.6	10.0#
68	4.3	5.1	7.7#

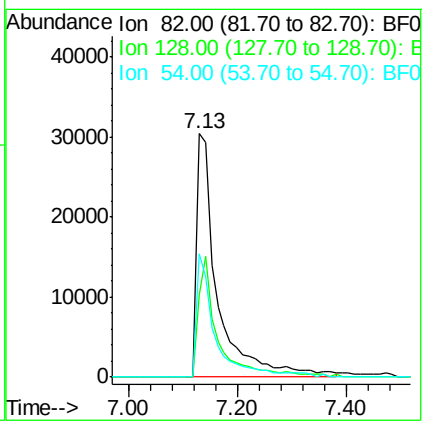


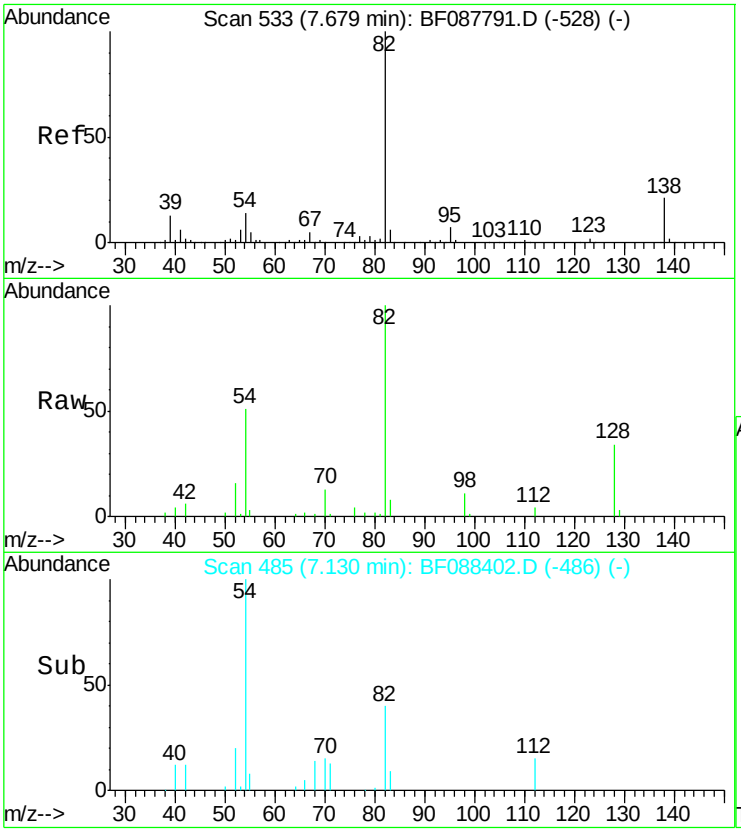


#23
Nitrobenzene-d5
Concen: 12.90 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.05 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion: 82 Resp: 80731

Ion	Ratio	Lower	Upper
82	100		
128	33.8	35.9	53.9#
54	50.9	40.9	61.3



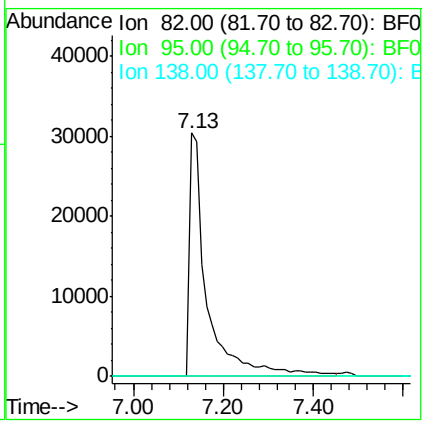


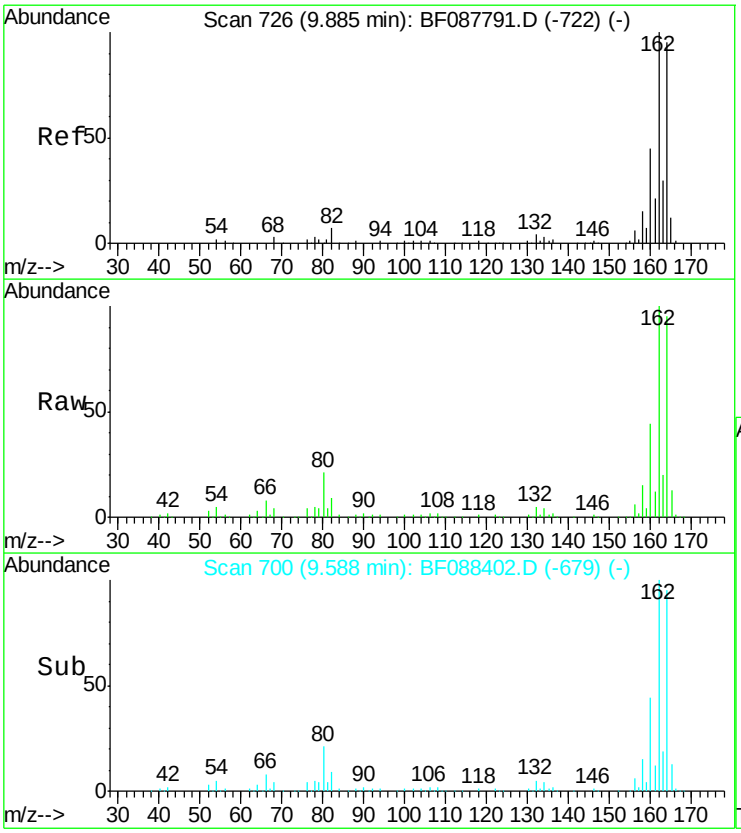
#25
Isophorone
Concen: 7.12 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.31 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion: 82 Resp: 82552

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

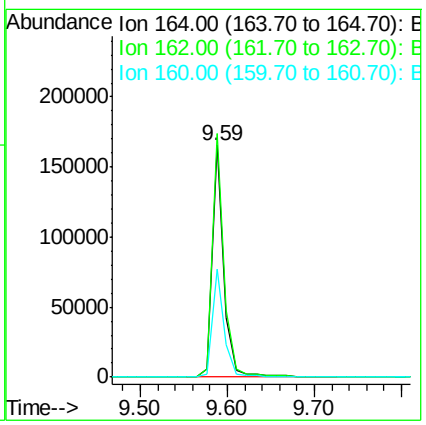


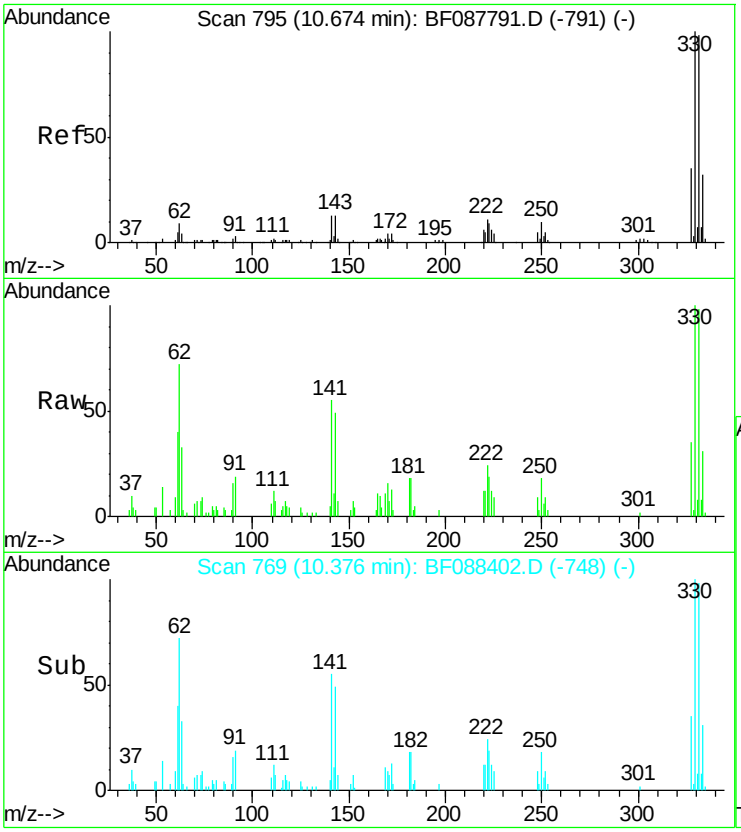


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:164 Resp: 155788

Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.4	128.2
160	46.7	39.5	59.3



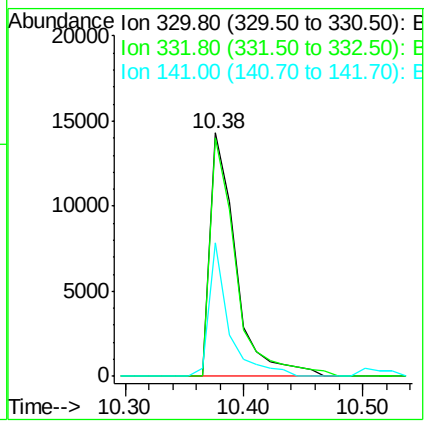


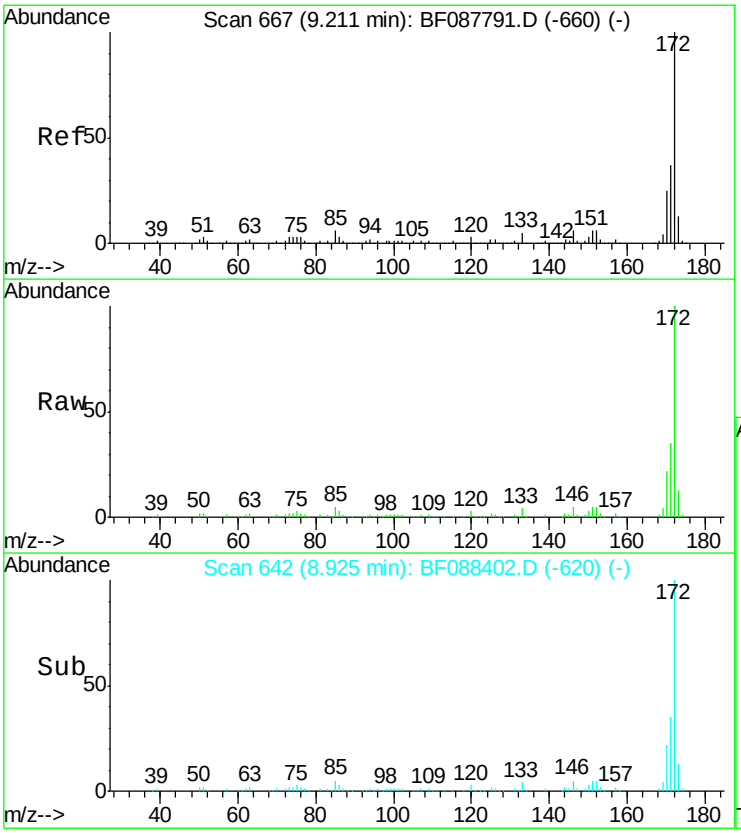
#41
2,4,6-Tribromophenol
Concen: 13.07 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:330 Resp: 21502

Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	42.3	0.0	0.0#

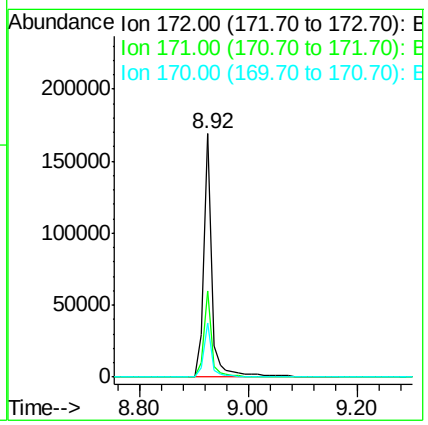


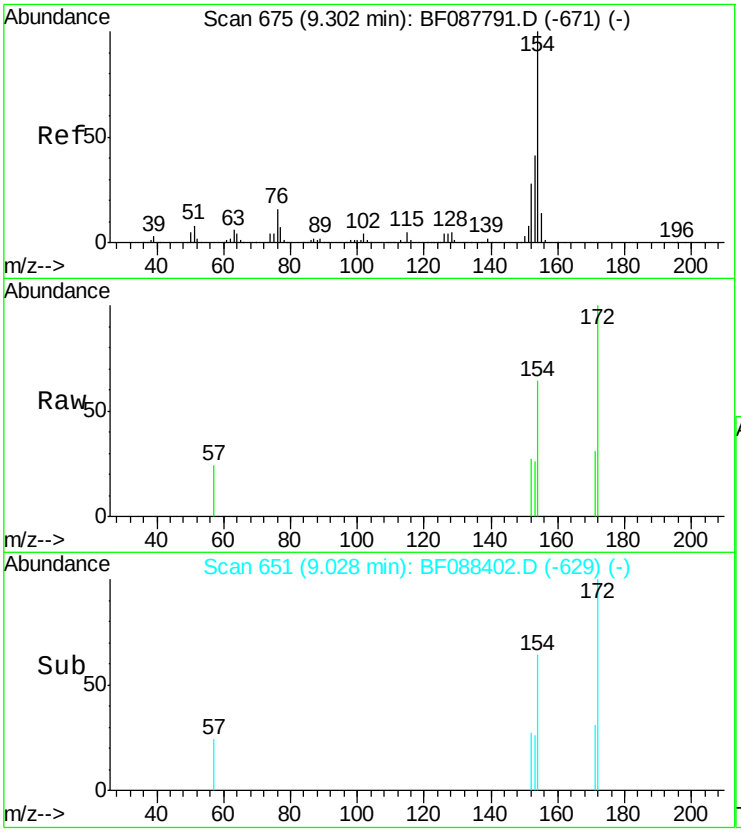


#44
2-Fluorobiphenyl
Concen: 12.93 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:172 Resp: 174799

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	22.4	19.2	28.8



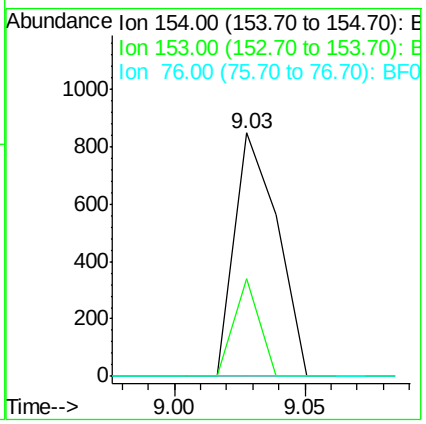


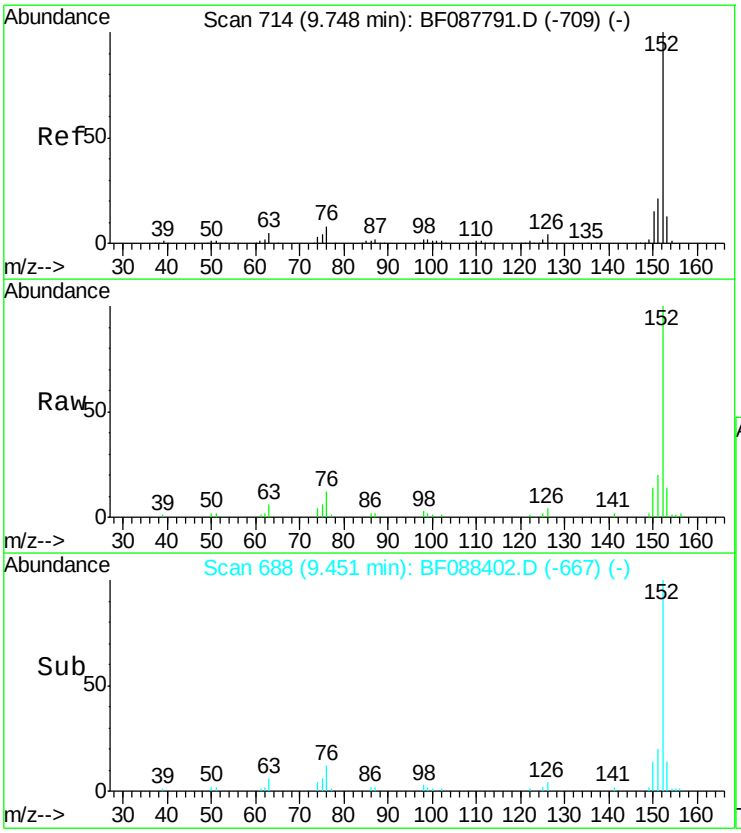
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.03 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:154 Resp: 968

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	0.0	0.0	35.1

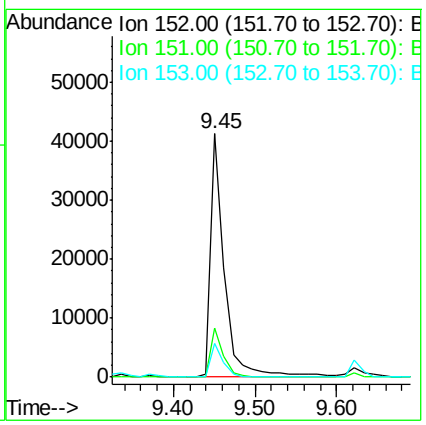


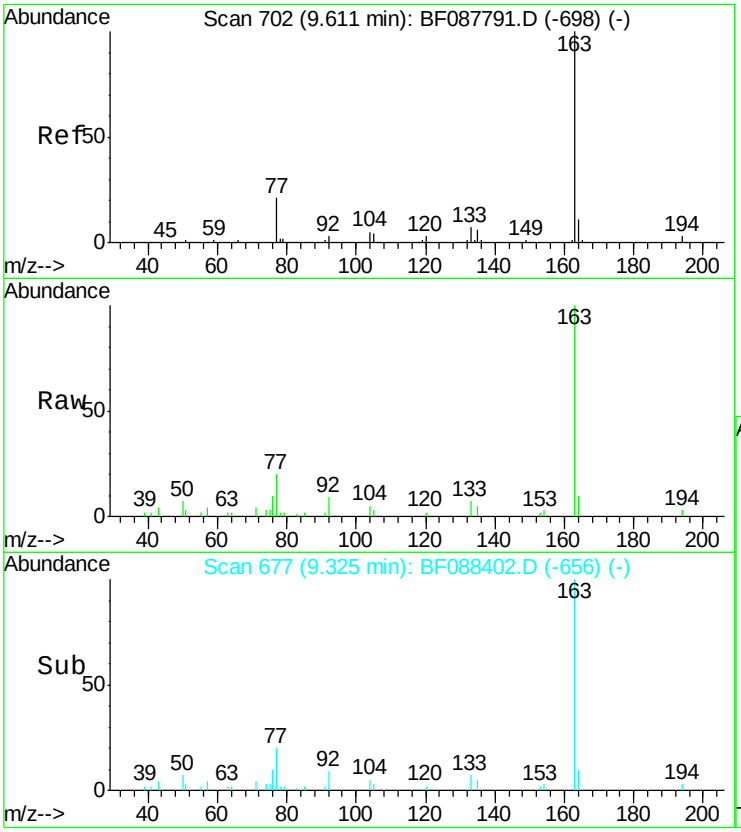


#48
Acenaphthylene
Concen: 3.10 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:152 Resp: 49704

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.6	11.0	16.6



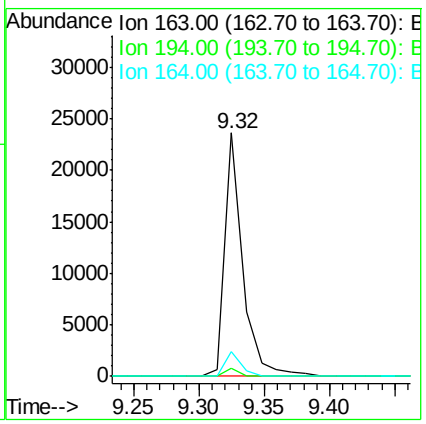


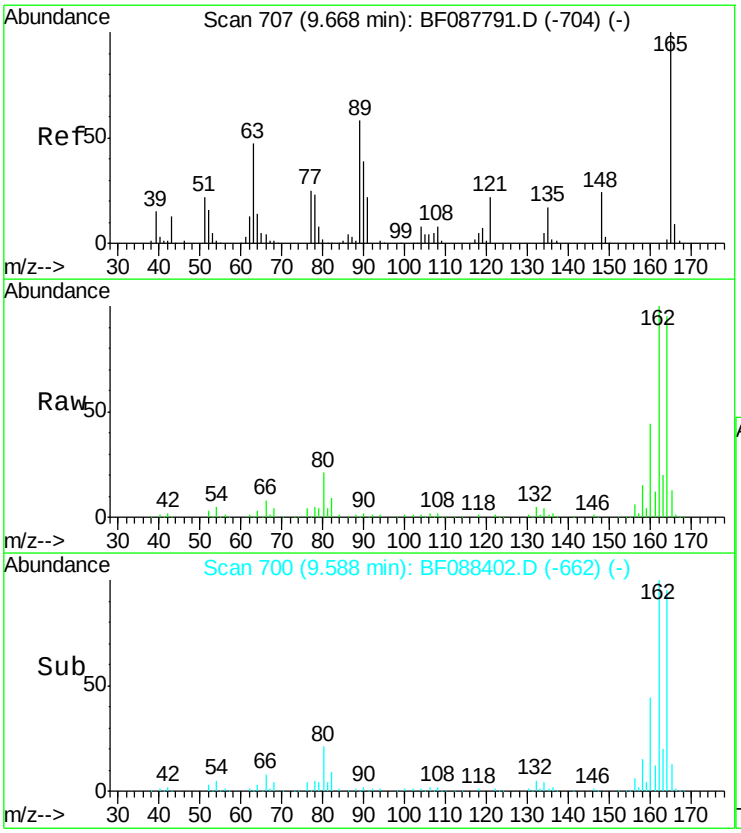
#49
Dimethylphthalate
Concen: 2.02 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:163 Resp: 22815

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.0	8.3	12.5

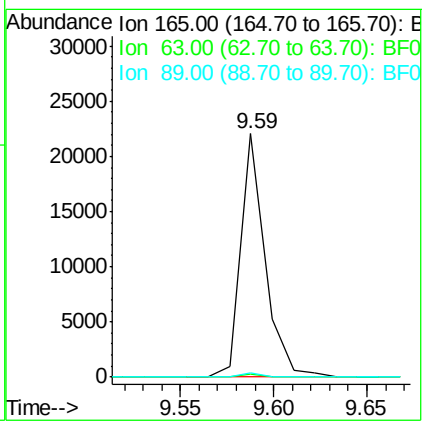


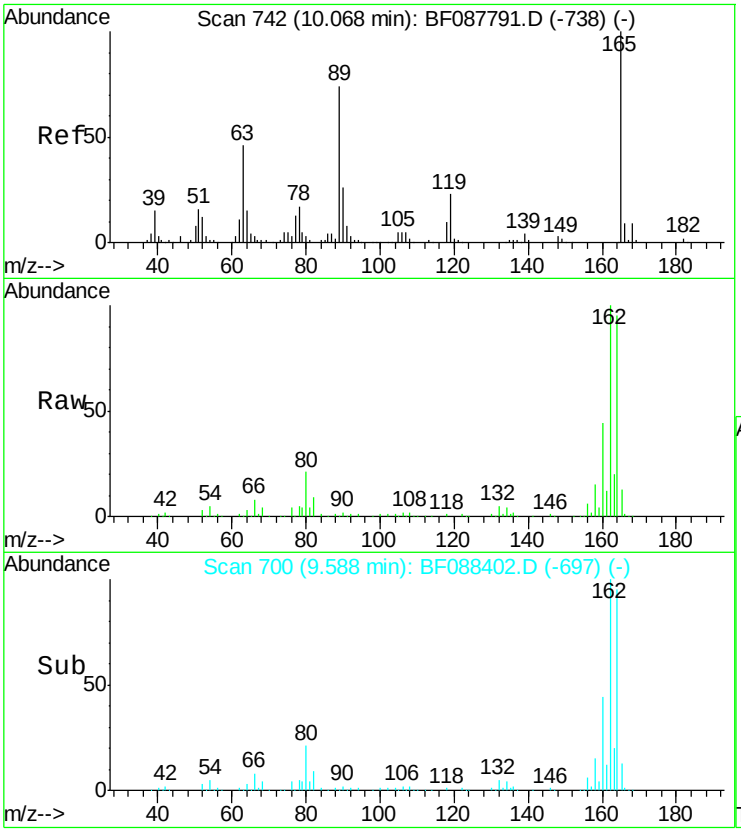


#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.14 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:165 Resp: 20015

Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.1	42.1#
89	1.6	32.2	48.2#



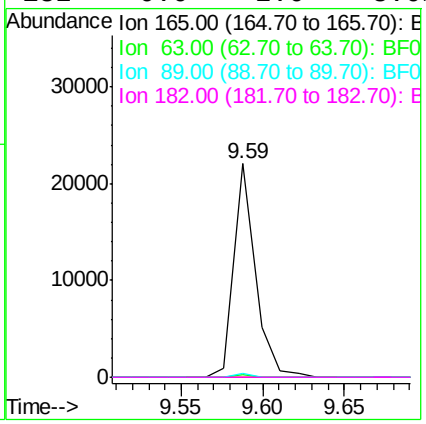


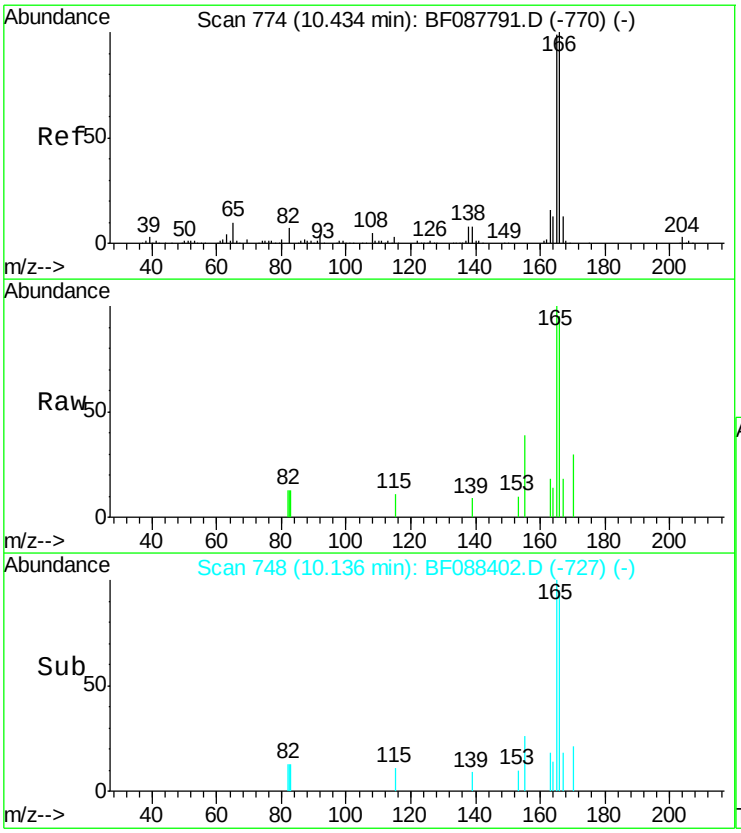
#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.26 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:165 Resp: 20016

Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

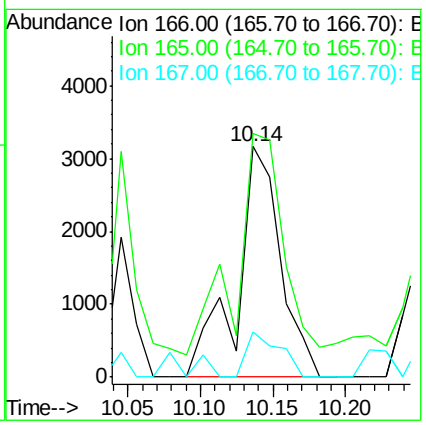


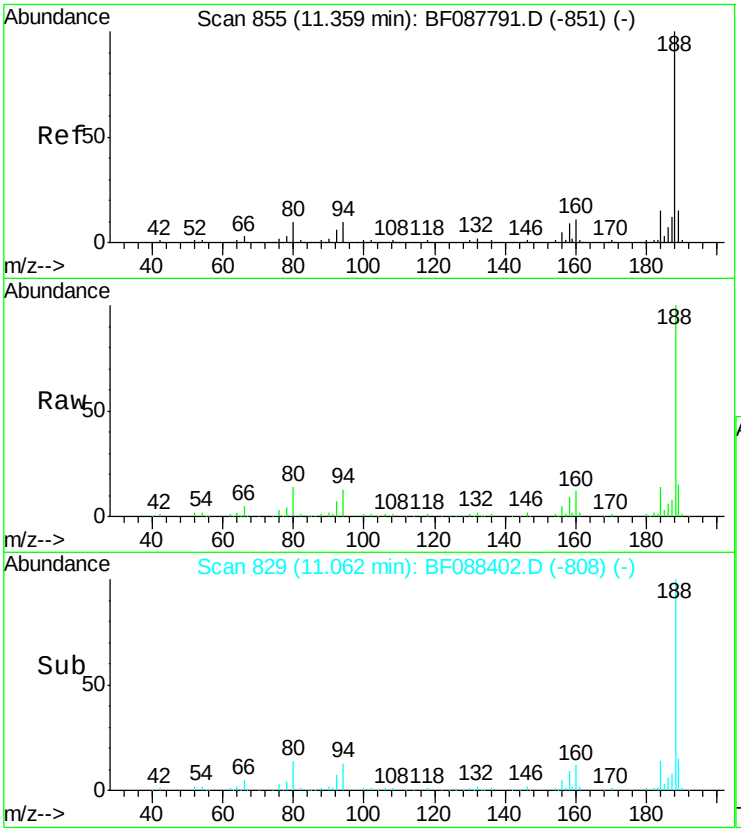


#57
Fluorene
Concen: Below Cal
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:166 Resp: 6580

Ion	Ratio	Lower	Upper
166	100		
165	105.8	77.8	116.8
167	19.5	11.2	16.8#



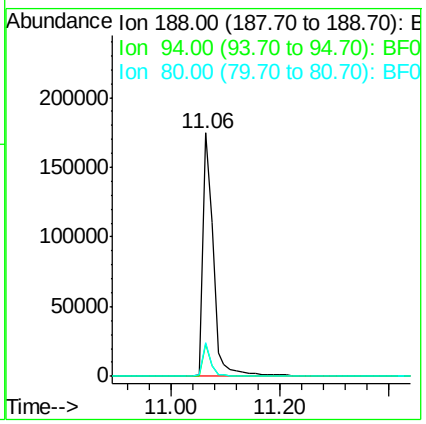


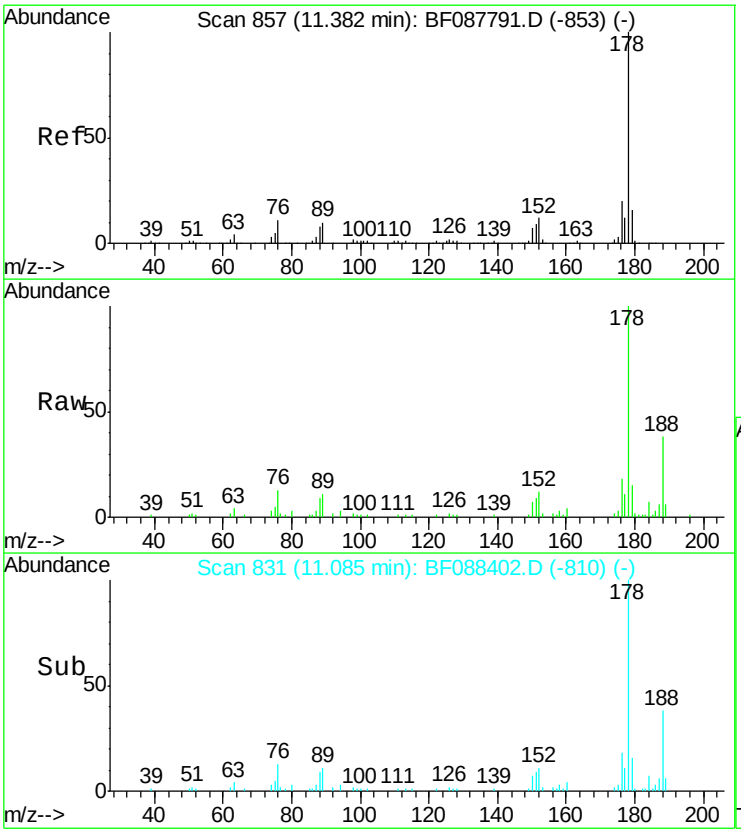
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:188 Resp: 230881

Ion	Ratio	Lower	Upper
188	100		
94	13.2	9.0	13.6
80	13.7	10.0	15.0

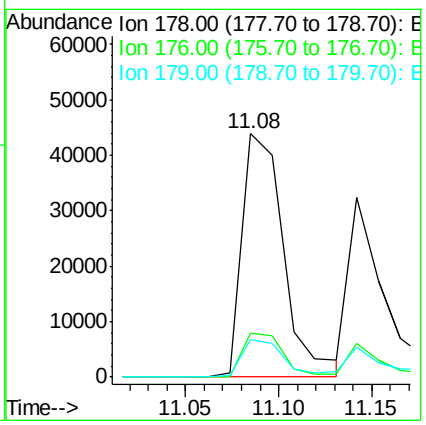


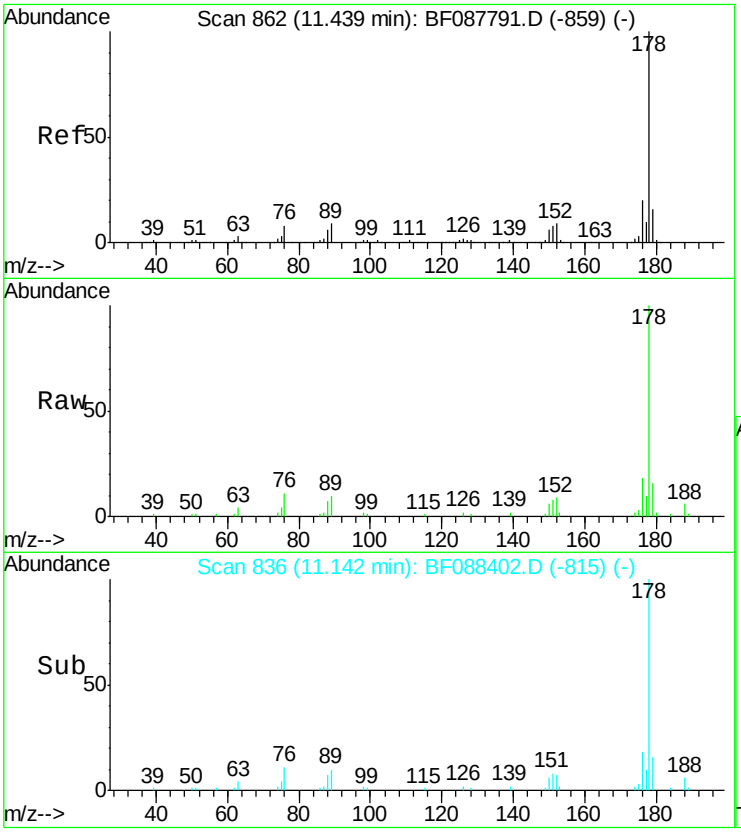


#70
Phenanthrene
Concen: 5.60 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:178 Resp: 67848

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.6
179	15.3	13.0	19.4



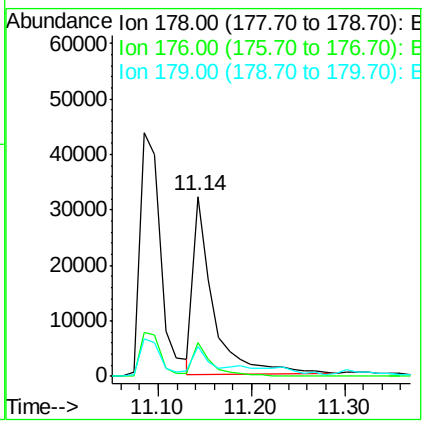


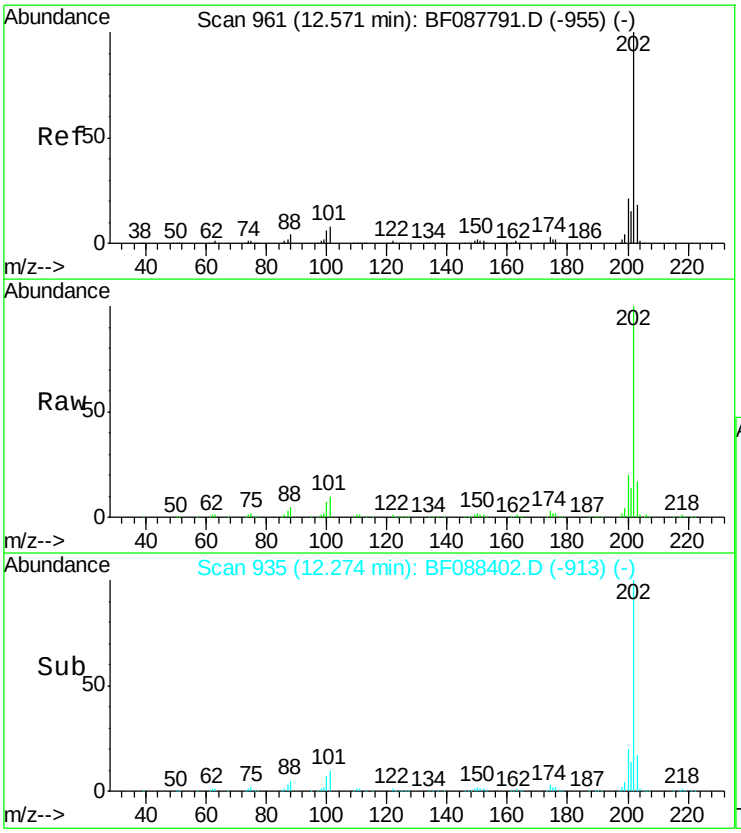
#71
Anthracene
Concen: 3.94 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:178 Resp: 48129

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	16.2	12.8	19.2

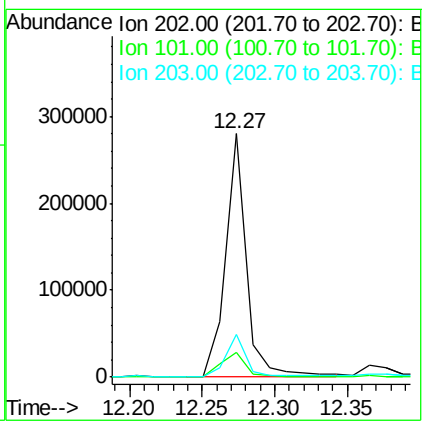


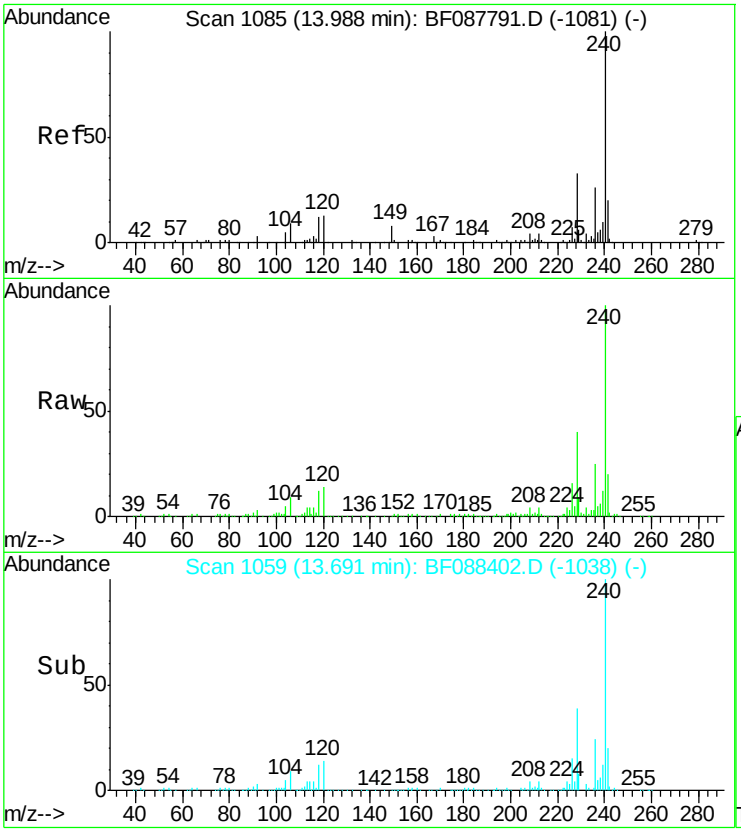


#74
Fluoranthene
Concen: 21.75 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:202 Resp: 278070

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	33.1
203	17.4	0.0	38.1



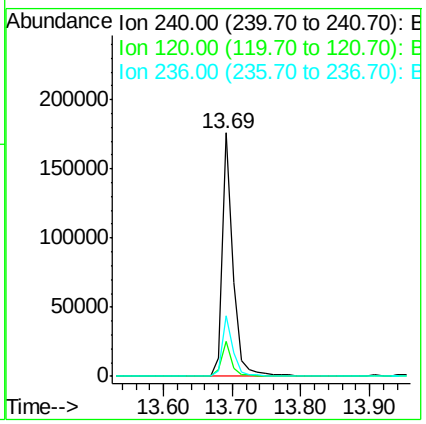


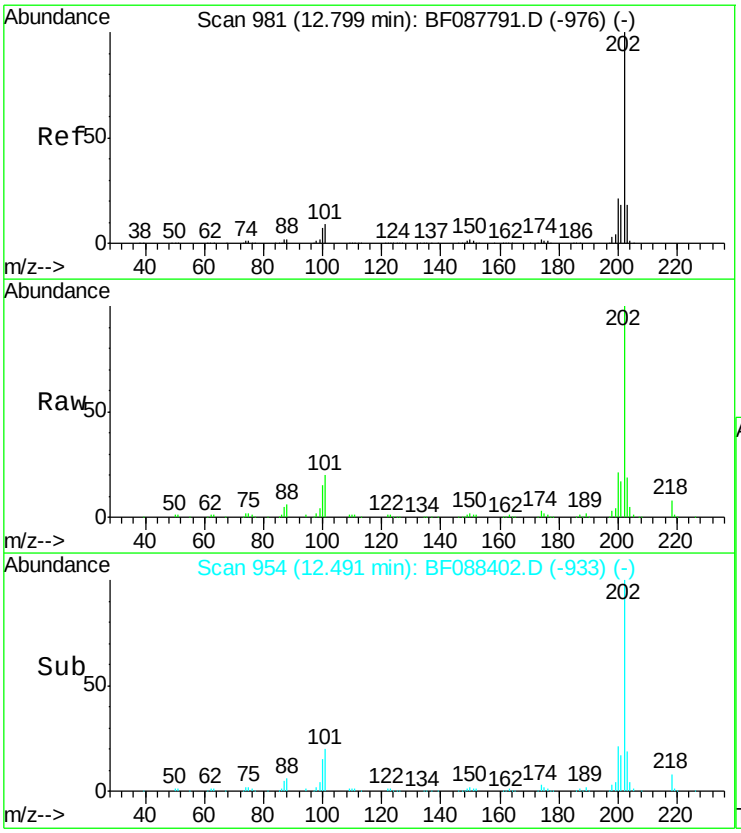
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:240 Resp: 195720

Ion	Ratio	Lower	Upper
240	100		
120	14.2	6.8	10.2#
236	24.8	20.2	30.2

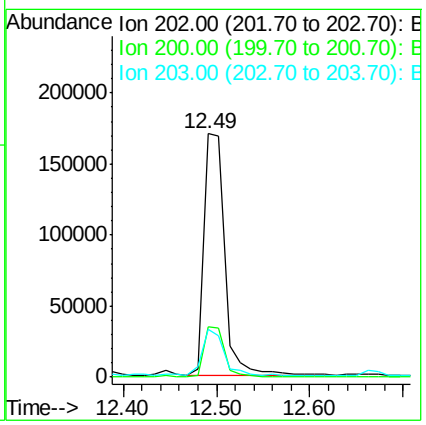


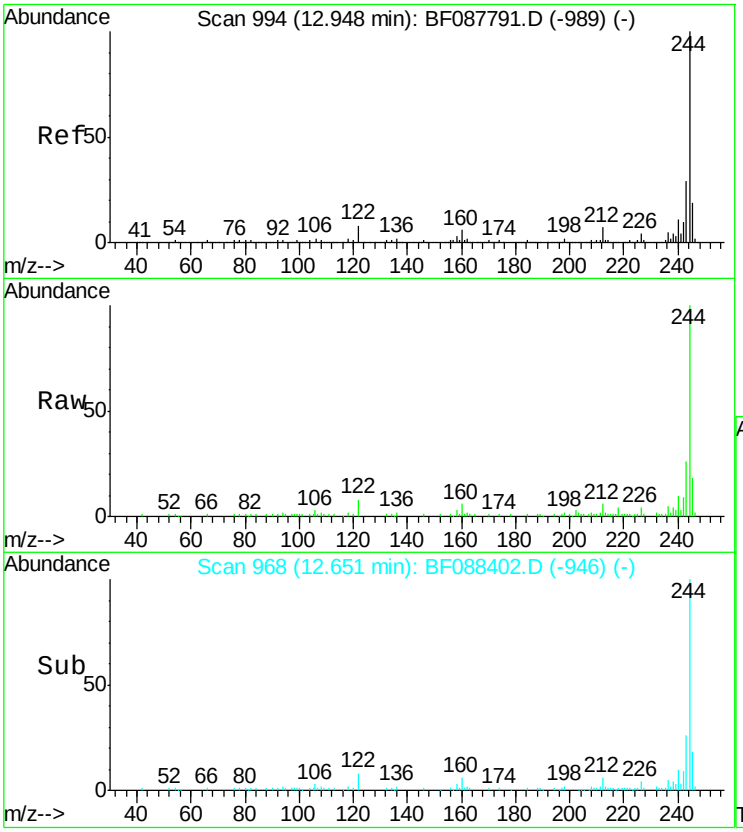


#77
Pyrene
Concen: 18.28 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:202 Resp: 265433

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	19.5	14.5	21.7



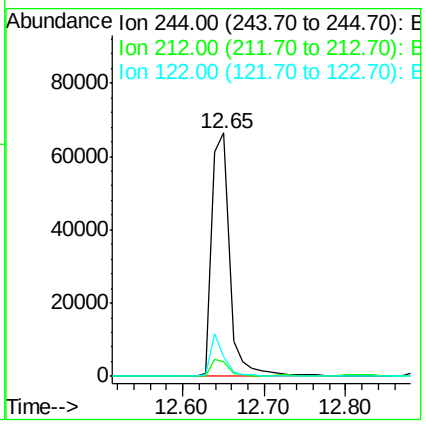


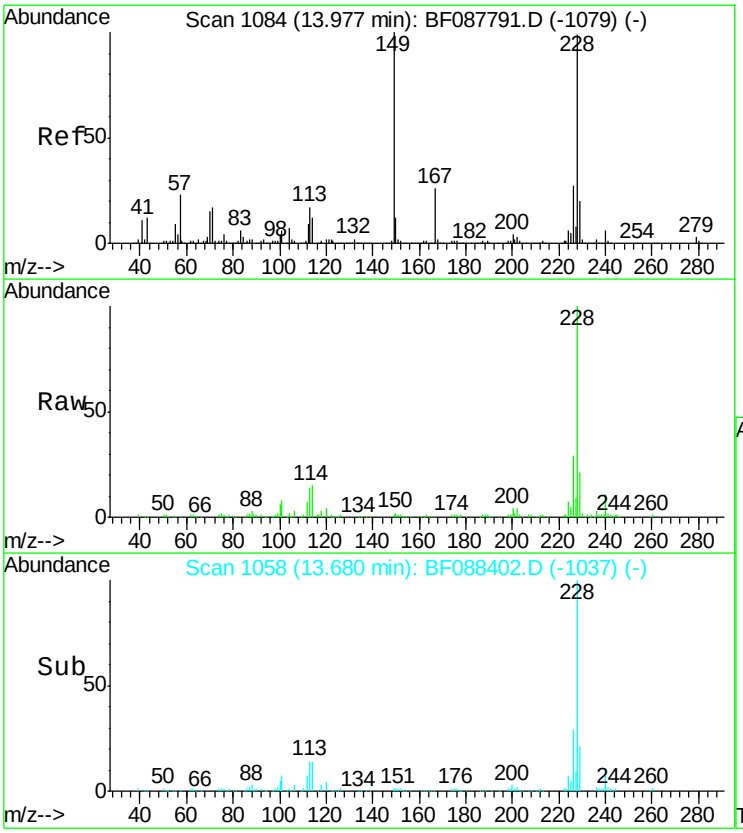
#78
Terphenyl-d14
Concen: 11.88 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.05 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:244 Resp: 102199

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	8.2	11.2	16.8#

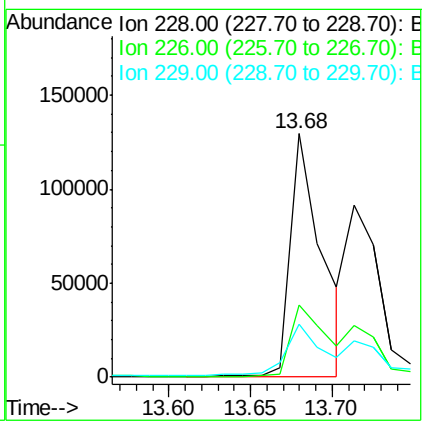


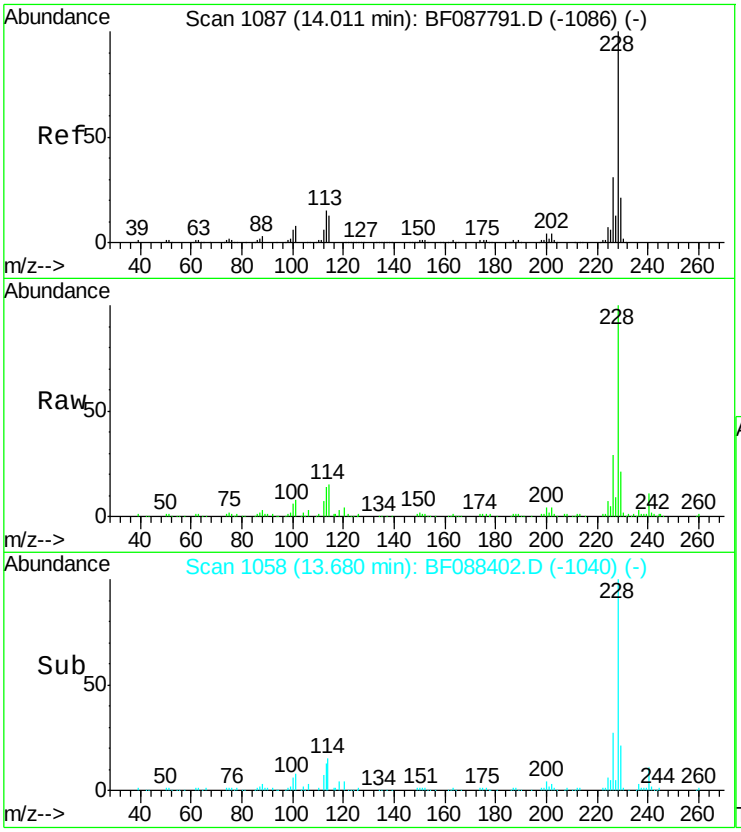


#80
Benzo(a)anthracene
Concen: 15.55 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:228 Resp: 173415

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.3	33.5
229	21.5	16.0	24.0



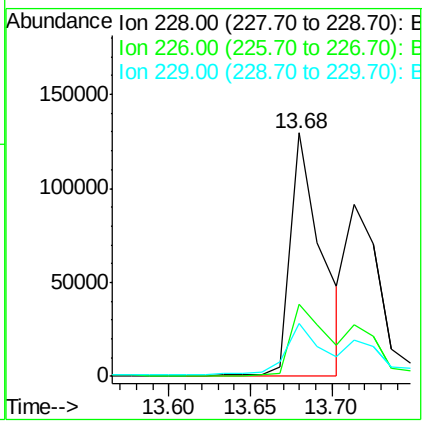


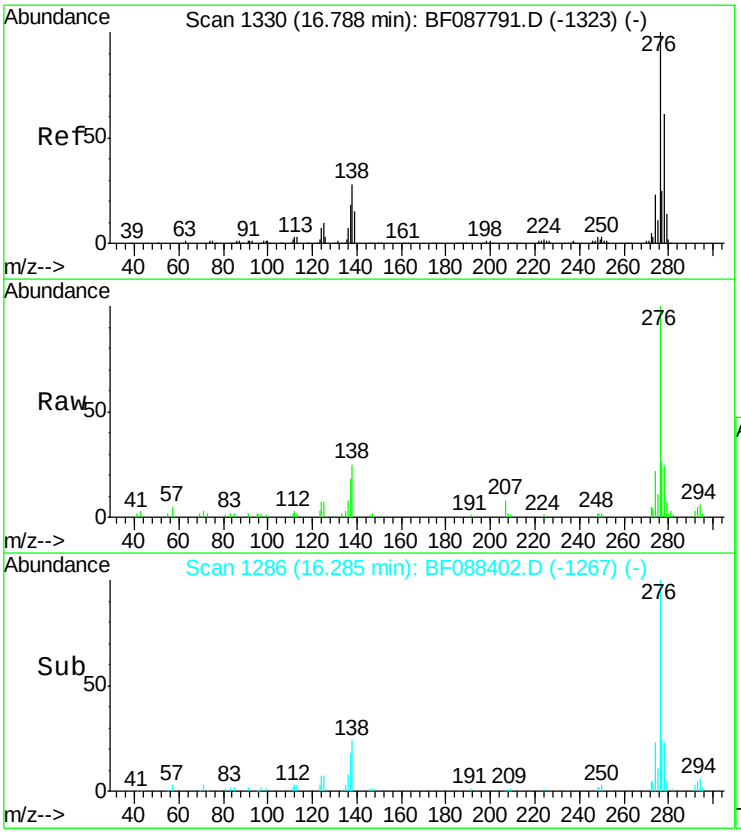
#82
Chrysene
Concen: 16.53 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.09 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:228 Resp: 173415

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.4	38.2
229	21.5	16.3	24.5

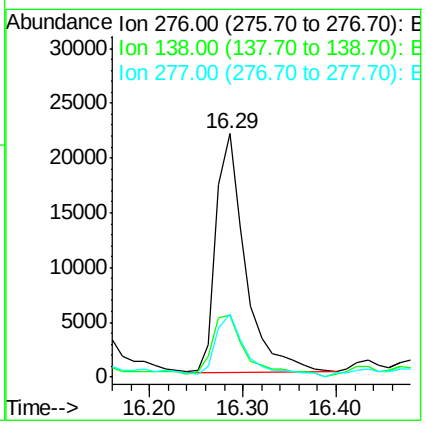


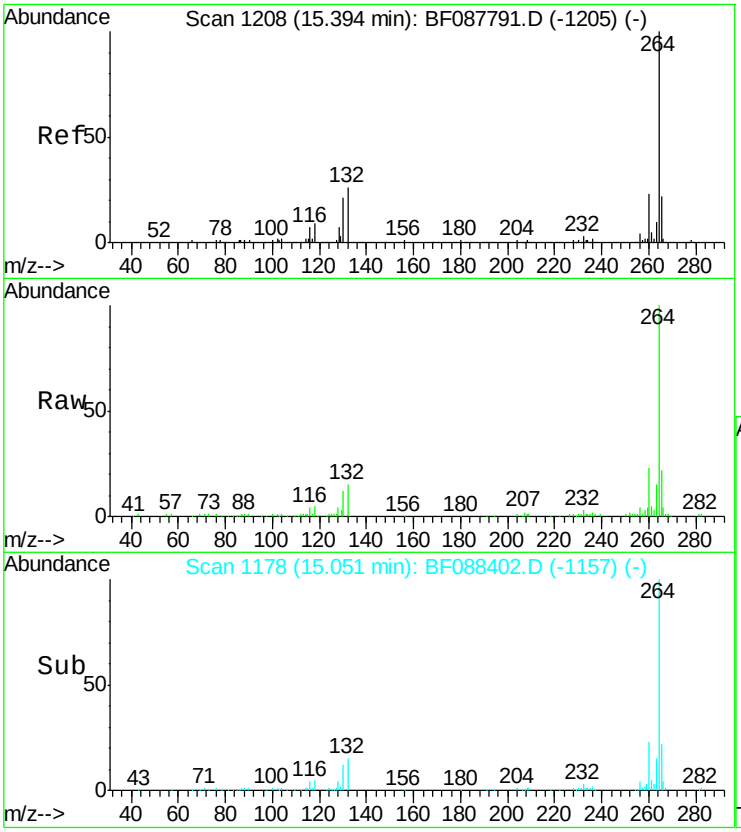


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.89 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.08 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:276 Resp: 47691

Ion	Ratio	Lower	Upper
276	100		
138	31.7	0.0	0.0#
277	28.7	0.0	0.0#



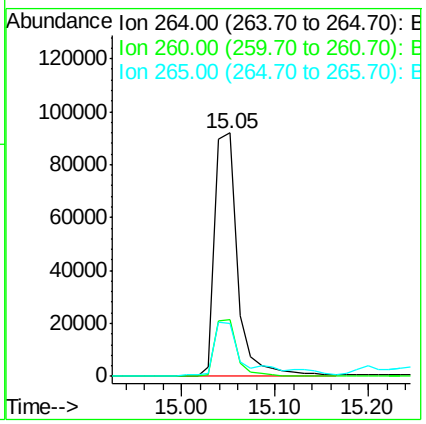


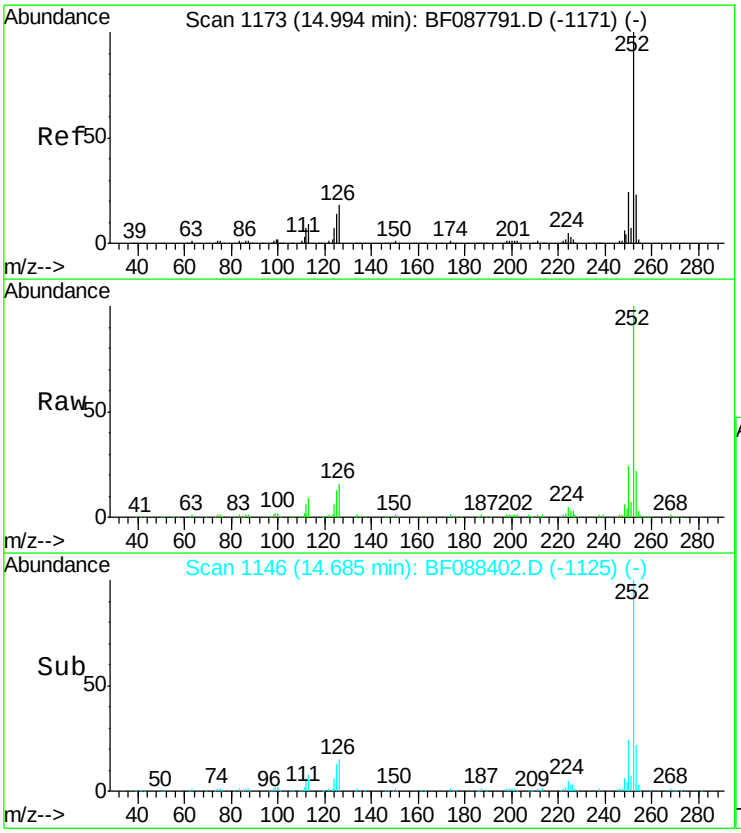
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:264 Resp: 157207

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	16.9	25.3

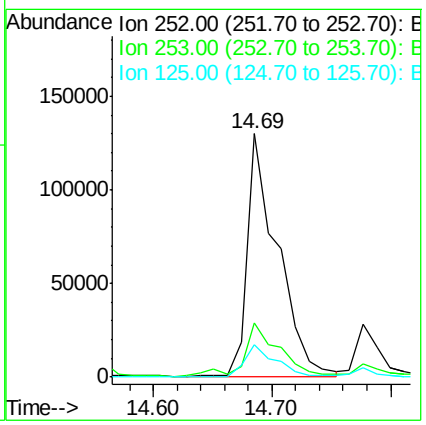


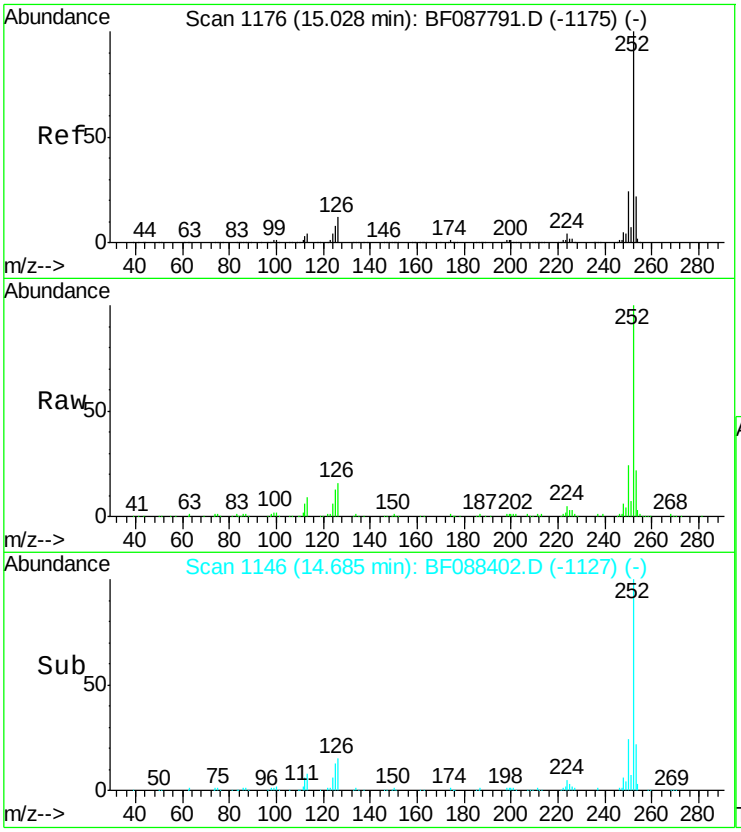


#87
Benzo(b)fluoranthene
Concen: 20.84 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:252 Resp: 228365

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	13.1	7.1	10.7#



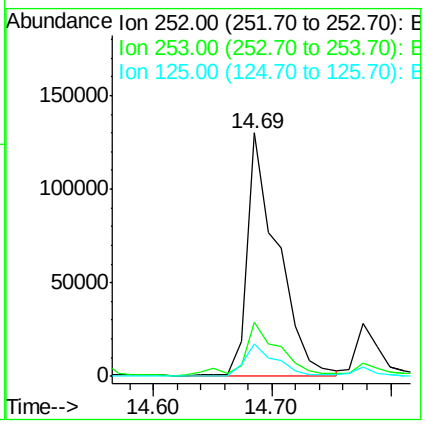


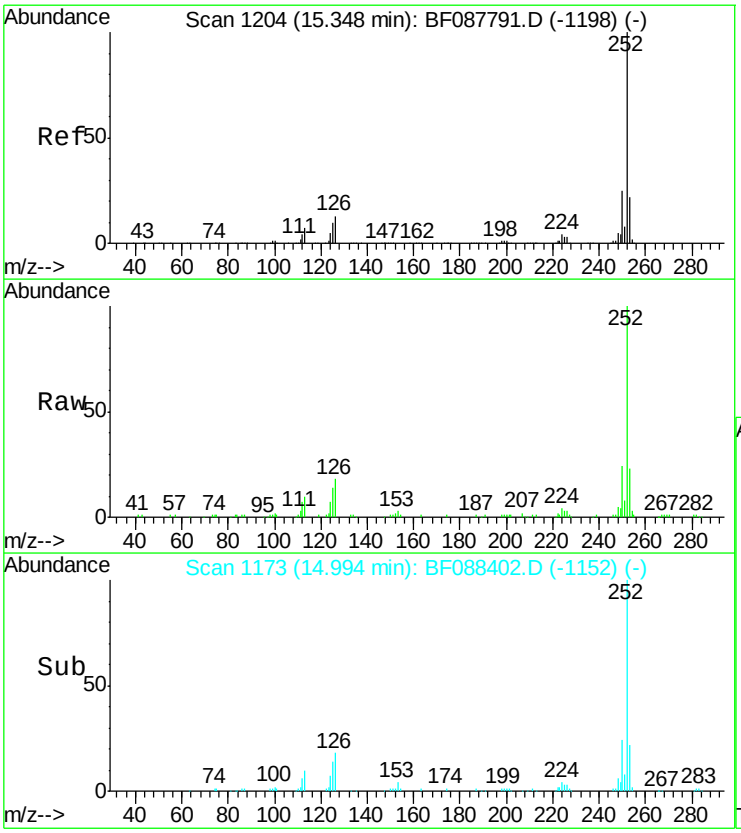
#88
Benzo(k)fluoranthene
Concen: 27.63 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.08 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:252 Resp: 228365

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	13.1	11.2	16.8

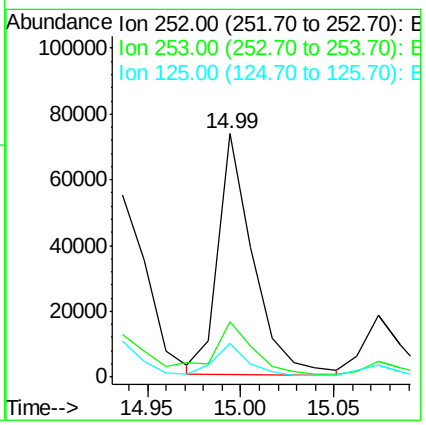


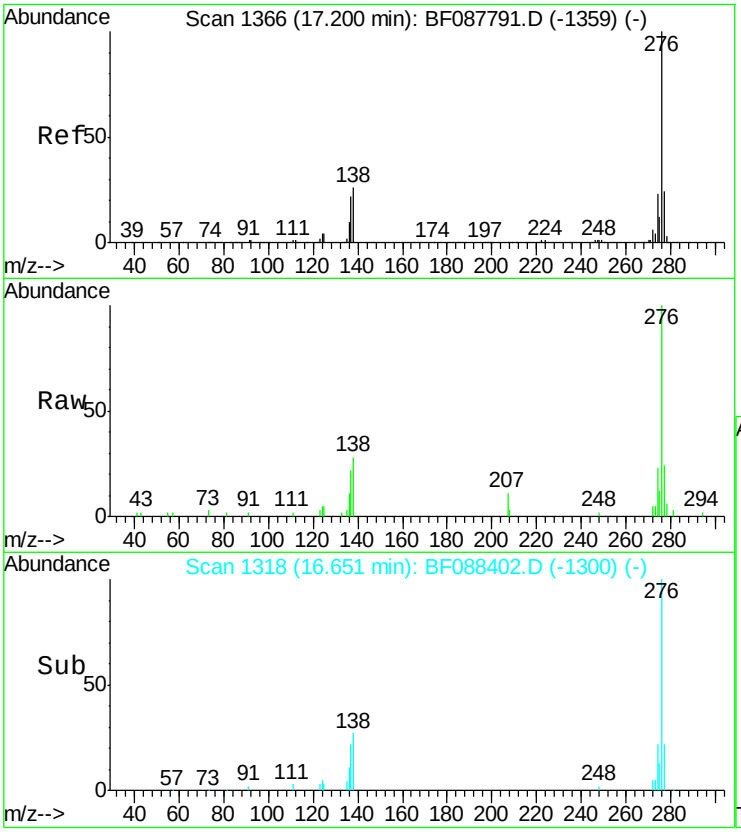


#89
Benzo(a)pyrene
Concen: 10.87 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.06 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Tgt Ion:252 Resp: 96323

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	13.9	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 4.52 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.09 min
Lab File: BF088402.D
Acq: 26 Jun 2016 5:33

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)DL

Tgt Ion:276 Resp: 38285

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	28.1	21.4	32.2