Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088404.D
Acq On : 26 Jun 2016 6:31
Operator : UM/SJ
Sample : H3599-02DL 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1402(0-4)DL

Quant Time: Jun 26 08:12:15 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	6.56	152	93801	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	382808	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	159936	20.00	ng		-0.06
63) Phenanthrene-d10	11.06	188	261007	20.00	ng		-0.06
75) Chrysene-d12	13.69	240	199209	20.00	ng		-0.06
86) Perylene-d12	15.05	264	163799	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	35973	6.56	ng		-0.02
7) Phenol-d6	6.24	99	52516	7.90	ng		-0.02
23) Nitrobenzene-d5	7.14	82	30220	4.61	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	8153	4.83	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	70340	1.47	ng		-0.05
78) Terphenyl-d14	12.64	244	45733	5.22	ng		-0.06
Target Compounds							Qvalue
25) Isophorone	7.14	82	30220	2.49	ng	#	65
45) 1,1'-Biphenyl	9.03	154	2863	Below Cal			100
48) Acenaphthylene	9.45	152	87855	5.34	ng		99
50) 2,6-Dinitrotoluene	9.59	165	21077	7.94	ng	#	40
55) 4-Nitrophenol	9.80	139	4850	2.04	ng	#	5
56) 2,4-Dinitrotoluene	9.59	165	21076	6.18	ng	#	38
57) Fluorene	10.32	166	2135	Below Cal			99
70) Phenanthrene	11.08	178	75564	5.52	ng		99
71) Anthracene	11.14	178	66769	4.83	ng		97
74) Fluoranthene	12.27	202	297284	20.57	ng		96
77) Pyrene	12.50	202	275365	18.63	ng		98
80) Benzo(a)anthracene	13.68	228	188092	16.57	ng		93
82) Chrysene	13.68	228	188092	17.61	ng		97
85) Indeno(1,2,3-cd)pyrene	16.29	276	88366	8.91	ng	#	100
87) Benzo(b)fluoranthene	14.69	252	341940	29.95	ng	#	94
88) Benzo(k)fluoranthene	14.69	252	341940	39.70	ng		99
89) Benzo(a)pyrene	14.99	252	132706	14.37	ng		97
91) Benzo(g,h,i)perylene	16.65	276	70396	7.98	ng		99

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

Quantitation Report (Not Reviewed)

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Acq On : 26 Jun 2016 6:31
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BNA_F
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PM-STA-1402(0-4)DL

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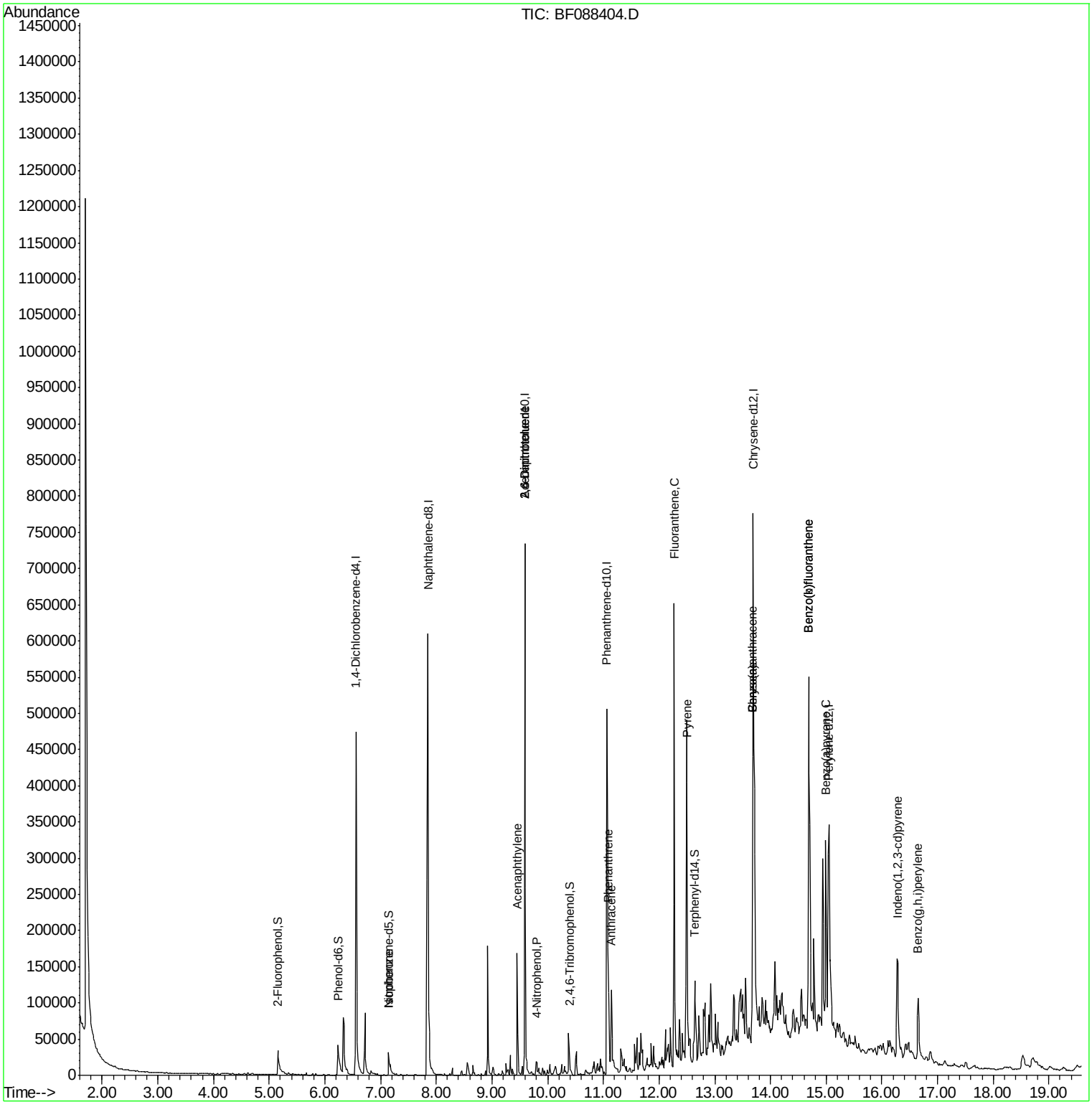
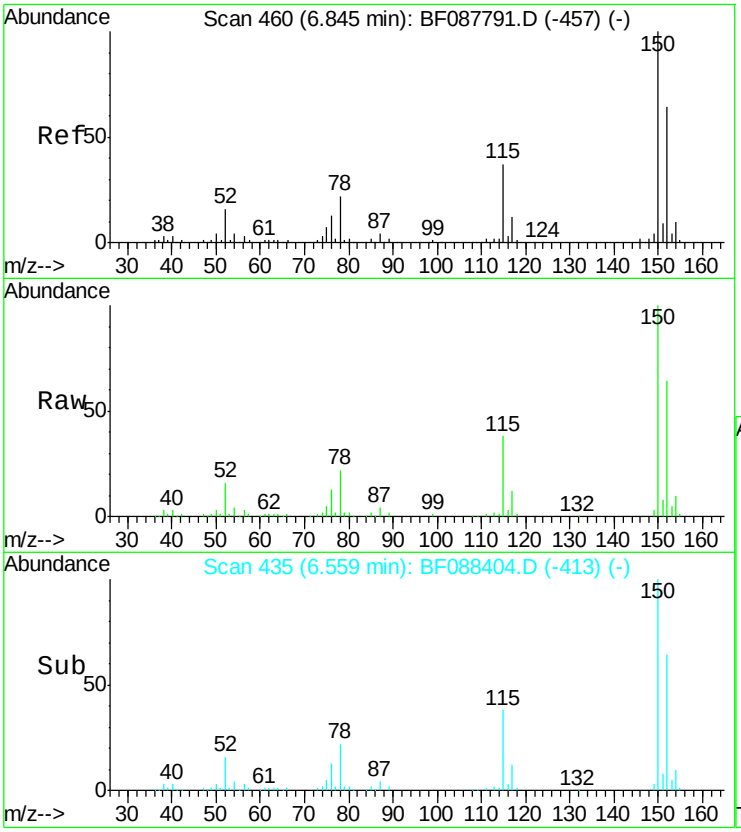


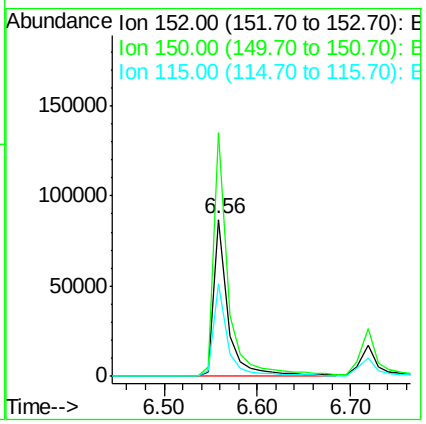


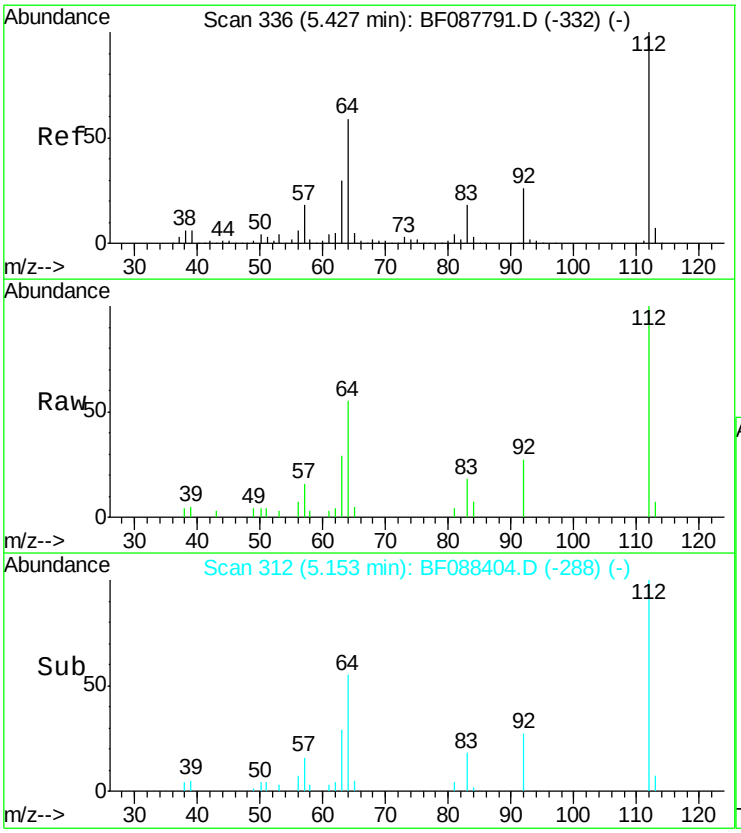
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:152 Resp: 93801

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.6
115	59.4	39.6	59.4

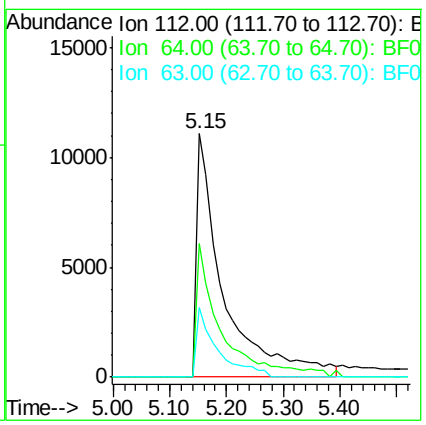


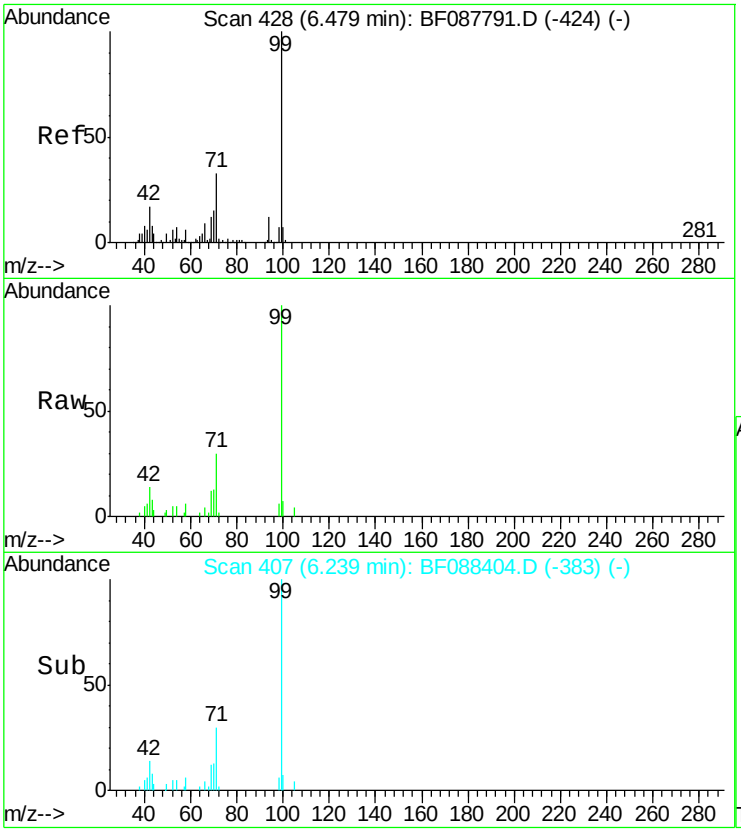


#5
2-Fluorophenol
Concen: 6.56 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.02 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:112 Resp: 35973

Ion	Ratio	Lower	Upper
112	100		
64	54.8	42.2	63.2
63	28.6	21.8	32.8



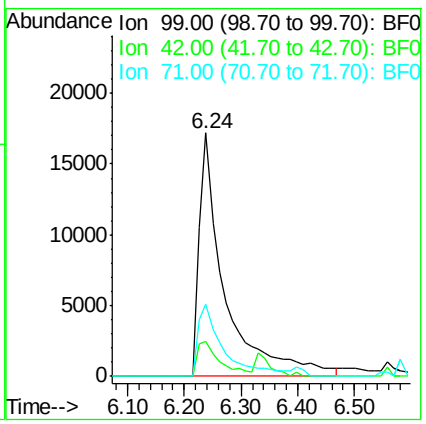


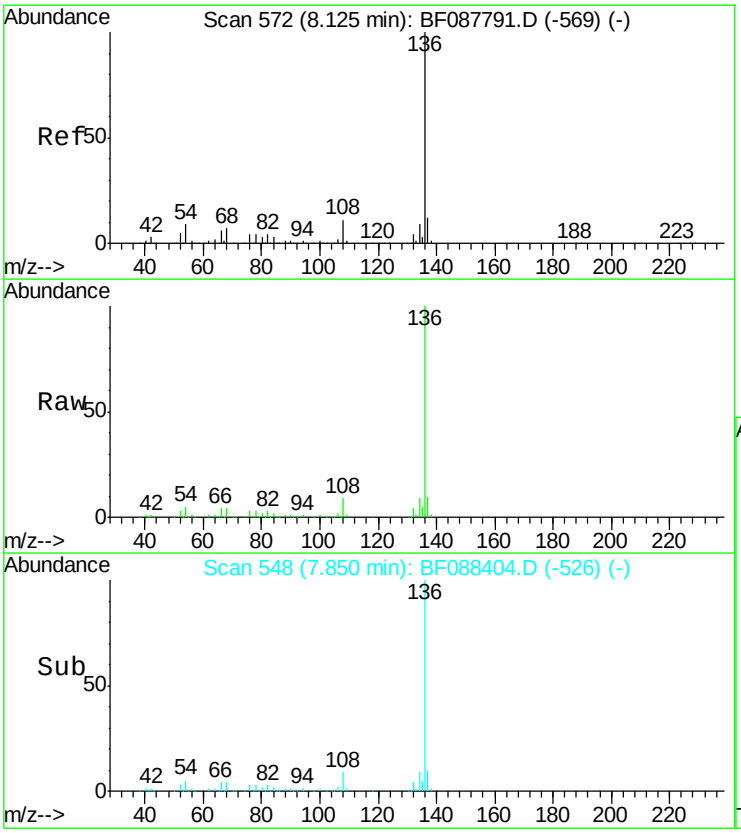
#7
Phenol-d6
Concen: 7.90 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion: 99 Resp: 52516

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.2	18.2
71	29.7	23.4	35.0

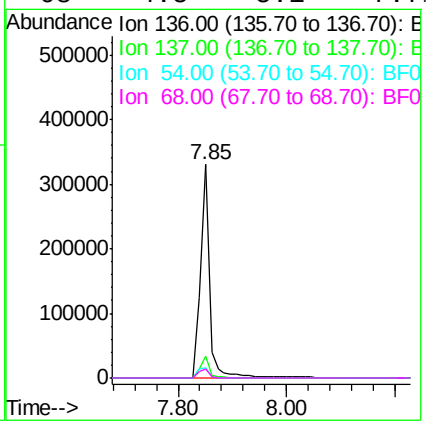


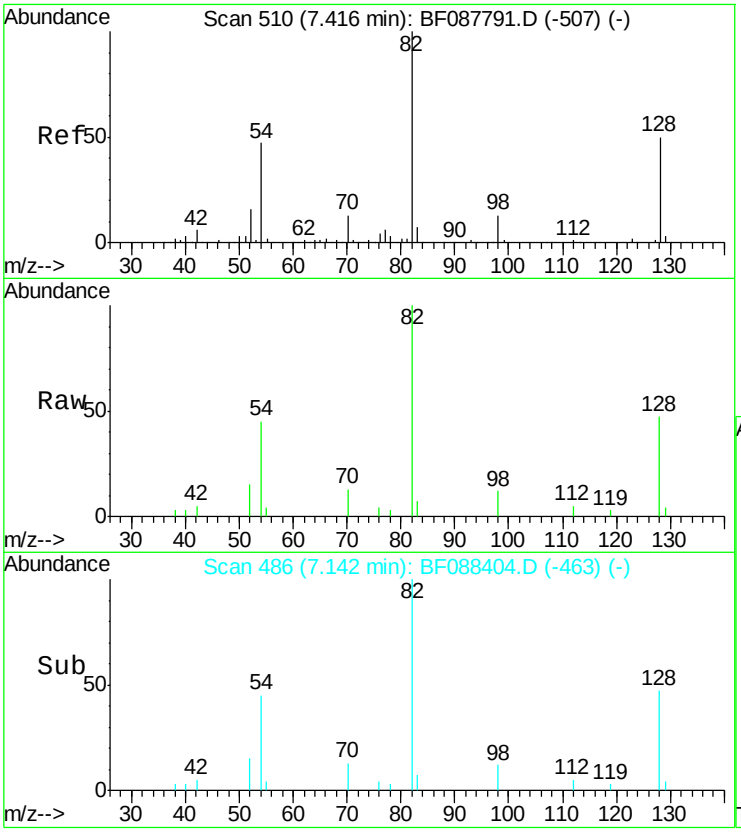


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:136 Resp: 382808

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.1	6.6	10.0#
68	4.5	5.1	7.7#



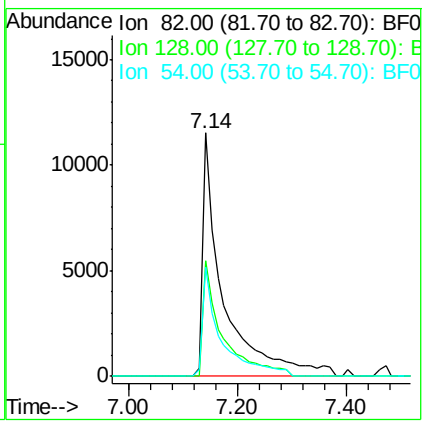


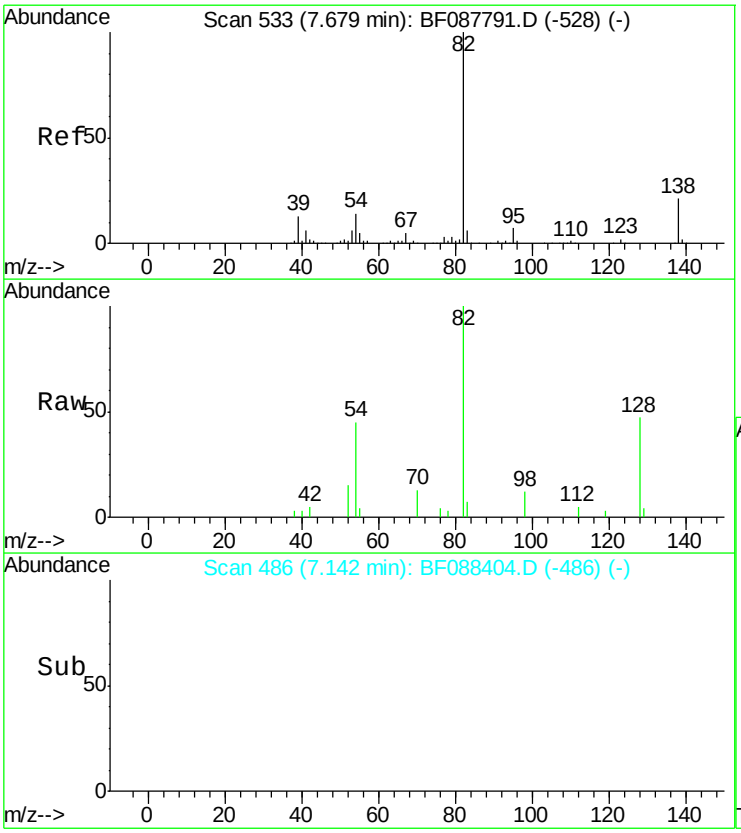
#23
Nitrobenzene-d5
Concen: 4.61 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion: 82 Resp: 30220

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.9	53.9
54	45.1	40.9	61.3

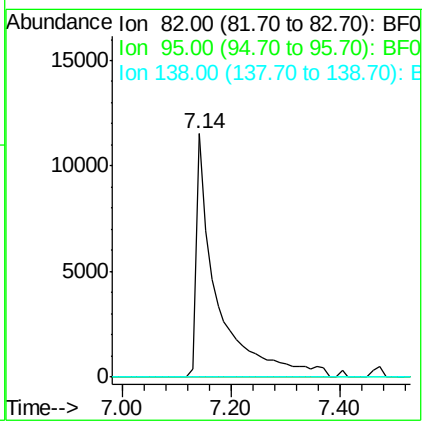


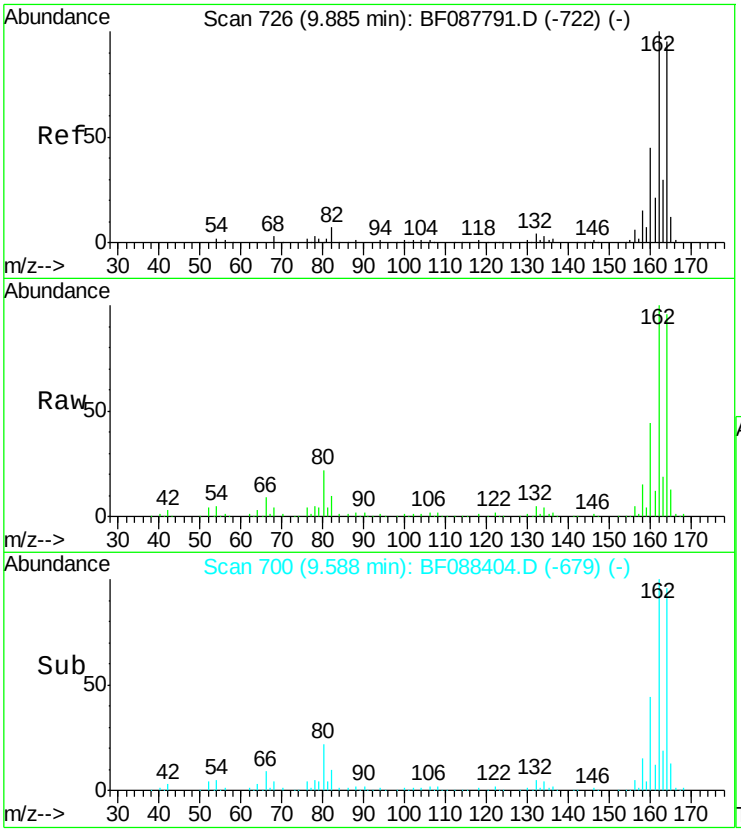


#25
Isophorone
Concen: 2.49 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.30 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion: 82 Resp: 30220

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



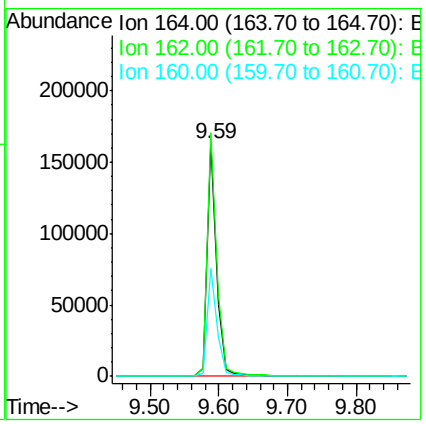


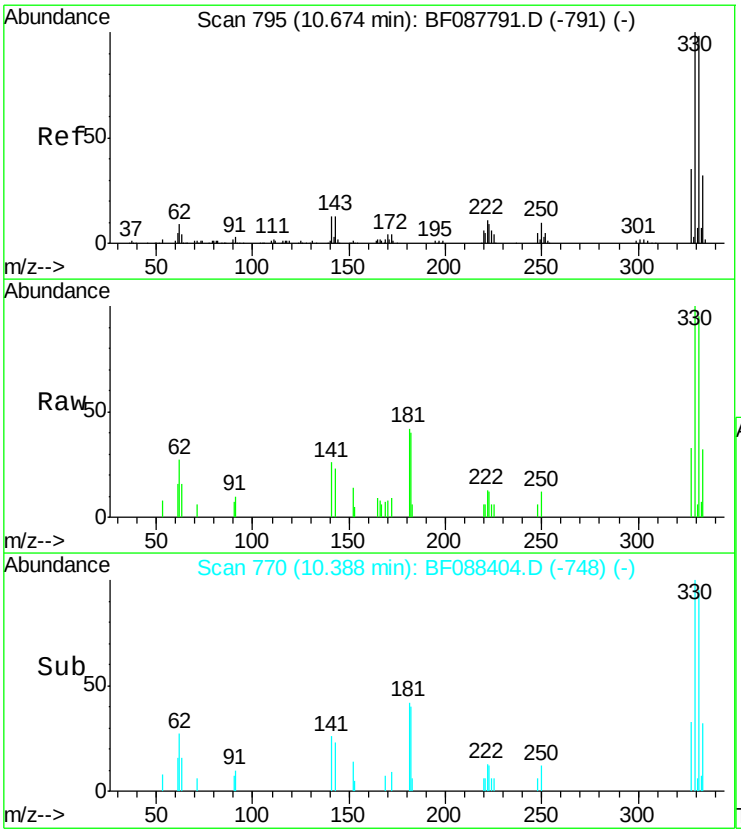
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:164 Resp: 159936

Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.4	128.2
160	46.5	39.5	59.3

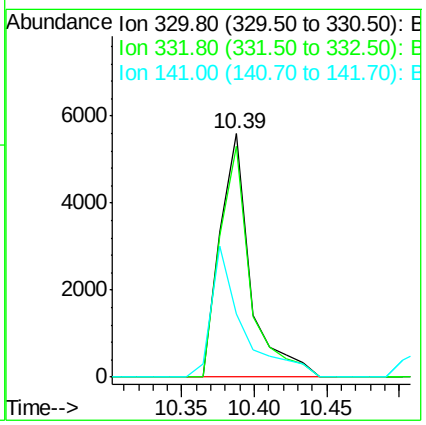


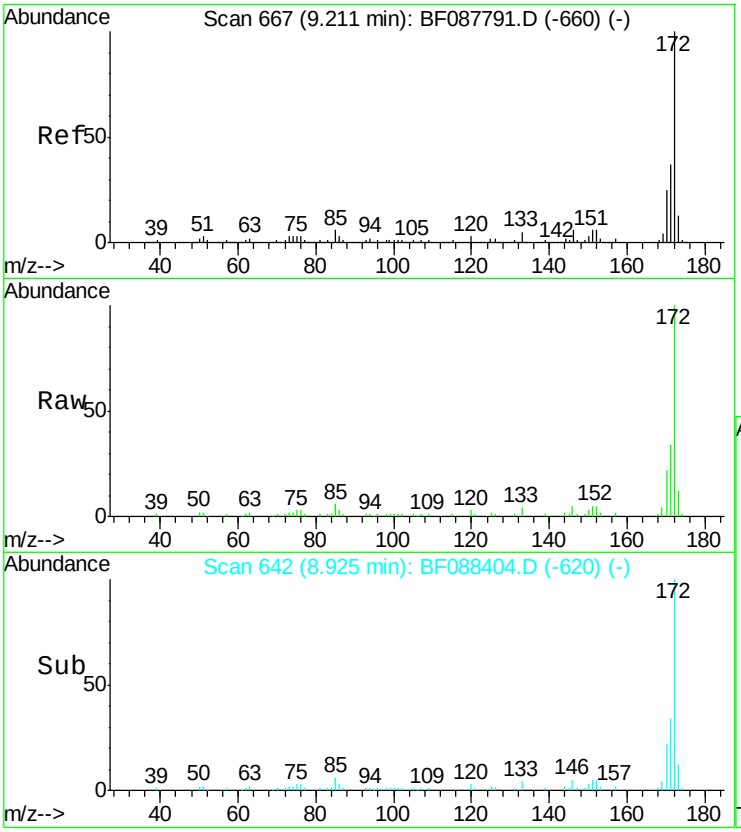


#41
2,4,6-Tribromophenol
Concen: 4.83 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:330 Resp: 8153

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	55.2	0.0	0.0#



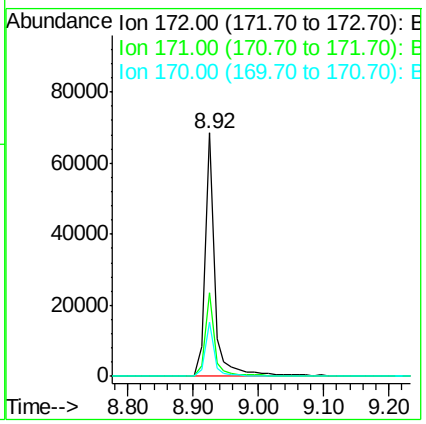


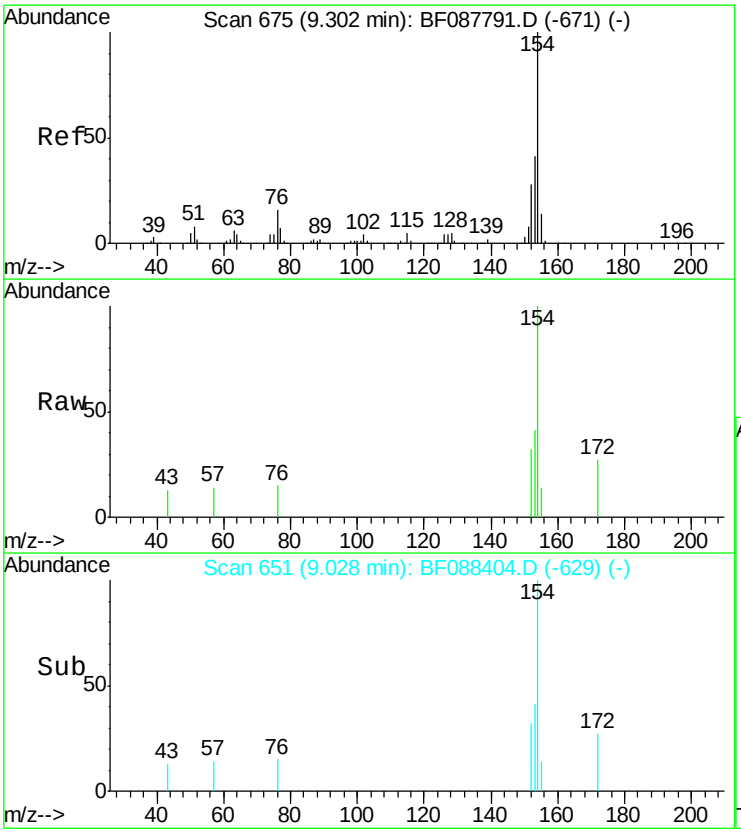
#44
2-Fluorobiphenyl
Concen: 1.47 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:172 Resp: 70340

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.6	43.0
170	22.5	19.2	28.8

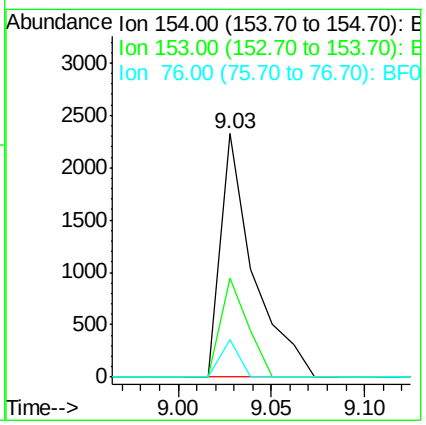


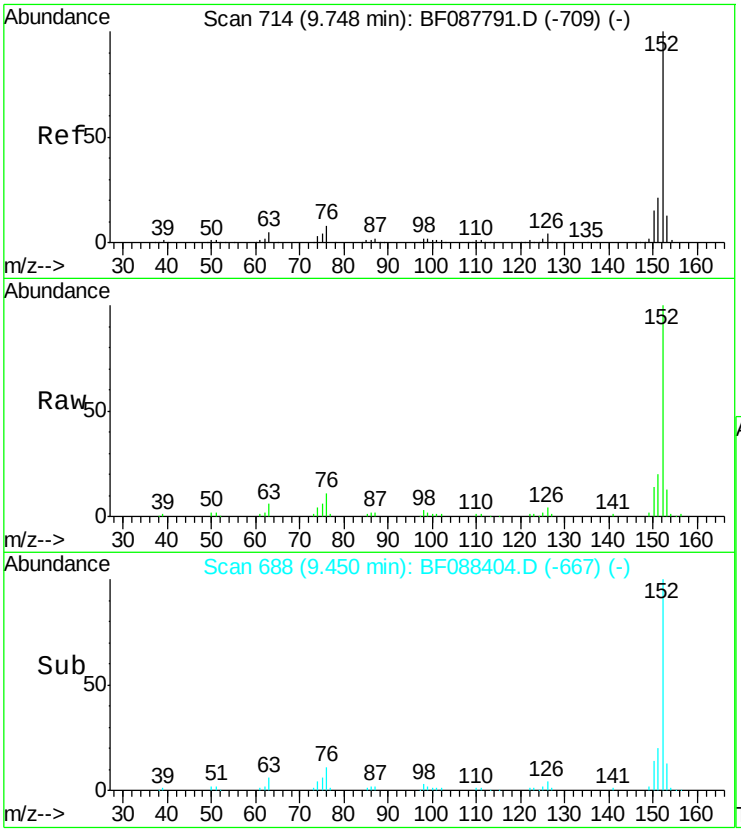


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.03 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:154 Resp: 2863

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	15.2	0.0	35.1



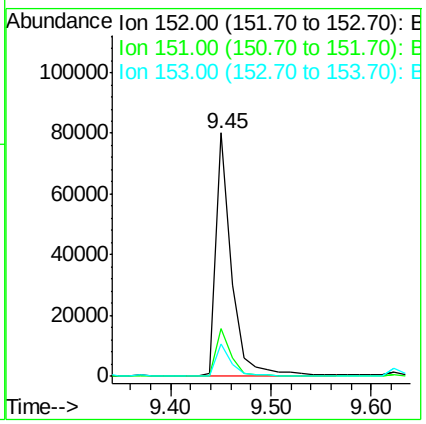


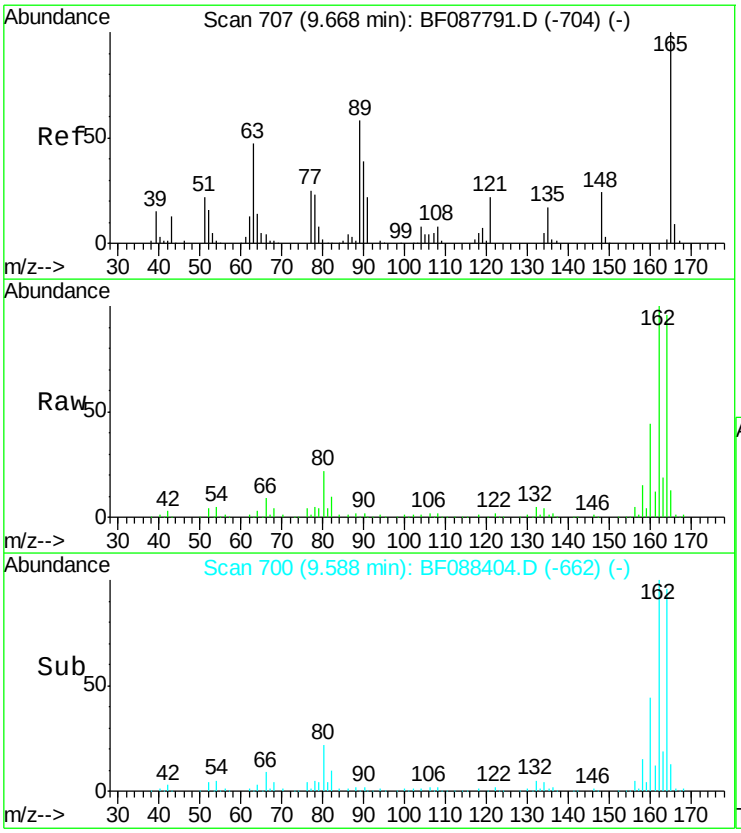
#48
Acenaphthylene
Concen: 5.34 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:152 Resp: 87855

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.4	11.0	16.6

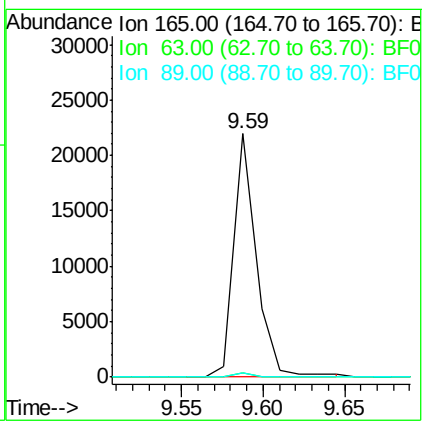


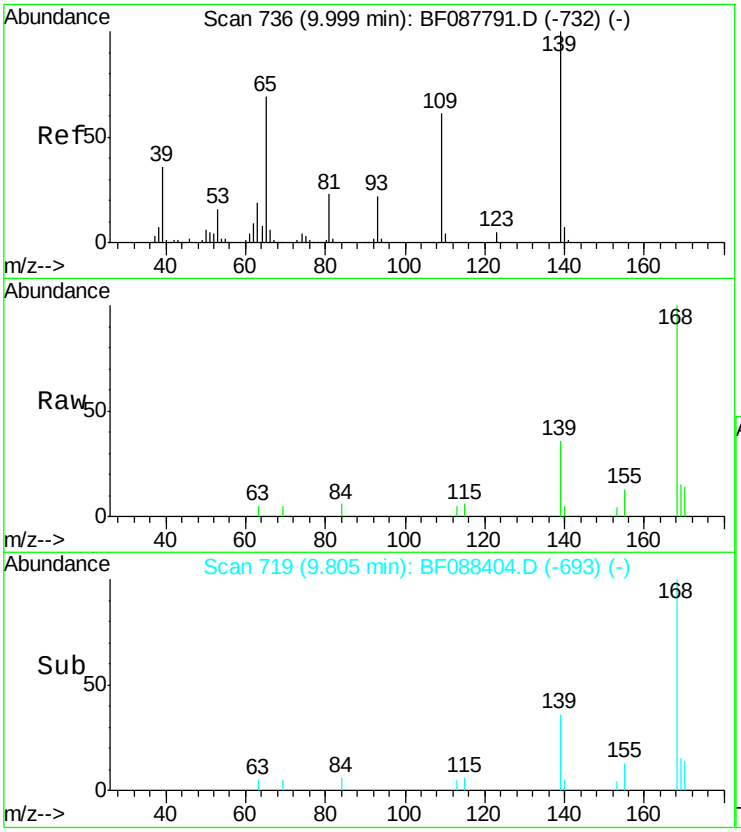


#50
2,6-Dinitrotoluene
Concen: 7.94 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.14 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:165 Resp: 21077

Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.1	42.1#
89	1.6	32.2	48.2#



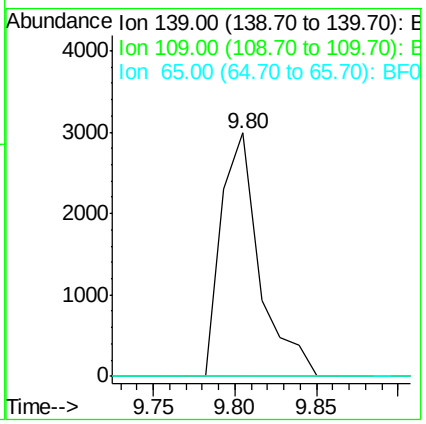


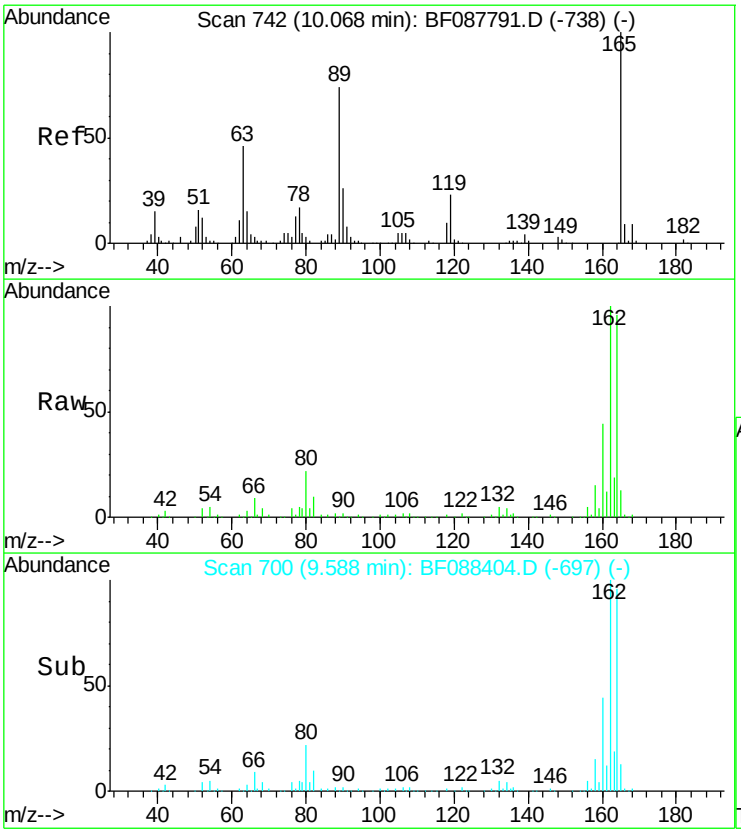
#55
4-Nitrophenol
Concen: 2.04 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:139 Resp: 4850

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	0.0	84.9	124.9#

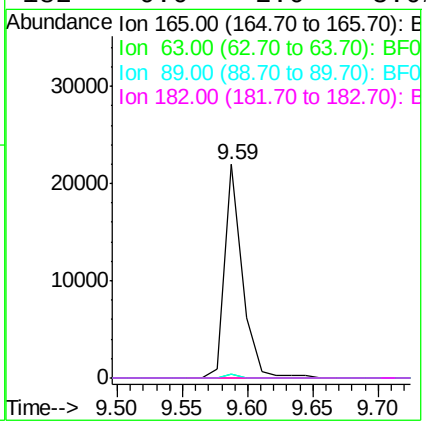


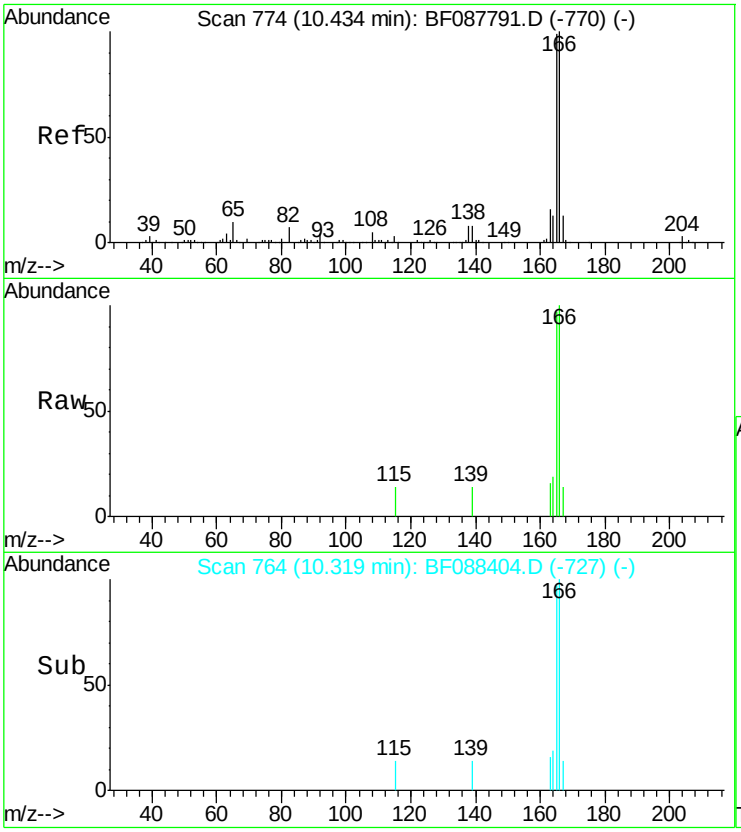


#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.26 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:165 Resp: 21076

Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



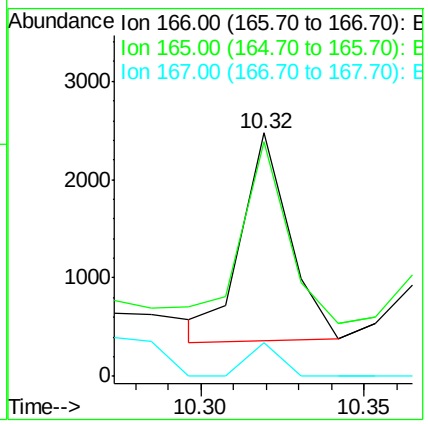


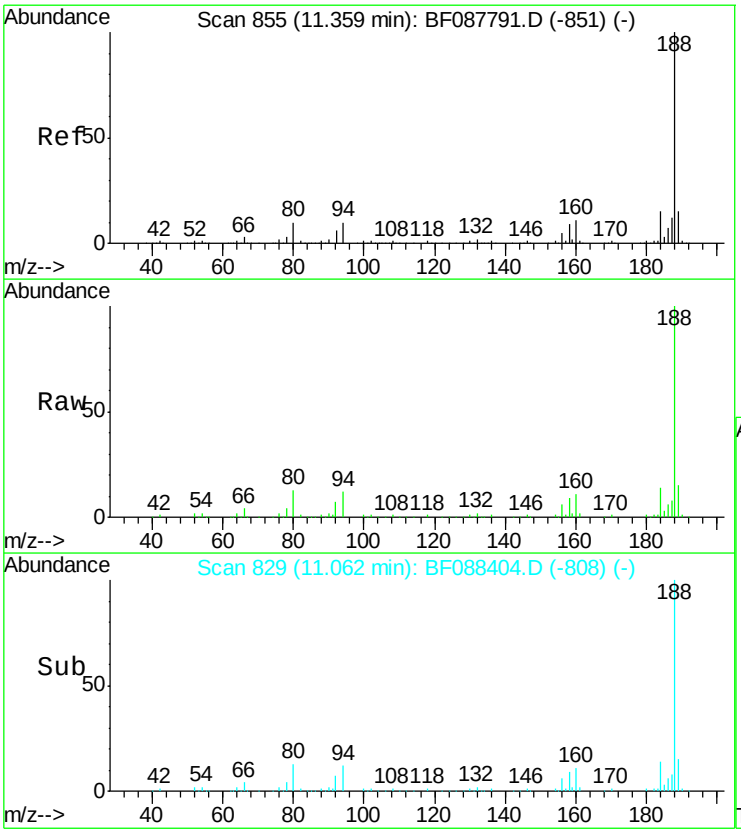
#57
Fluorene
Concen: Below Cal
RT: 10.32 min Scan# 764
Delta R.T. 0.13 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:166 Resp: 2135

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.8	116.8
167	13.7	11.2	16.8

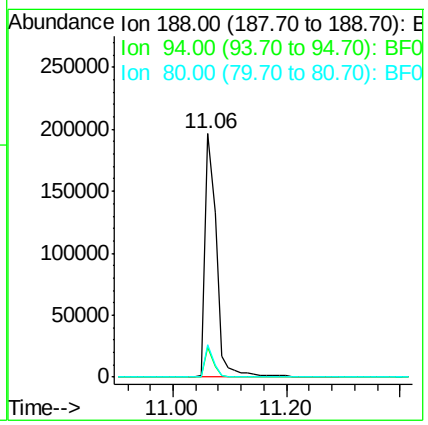


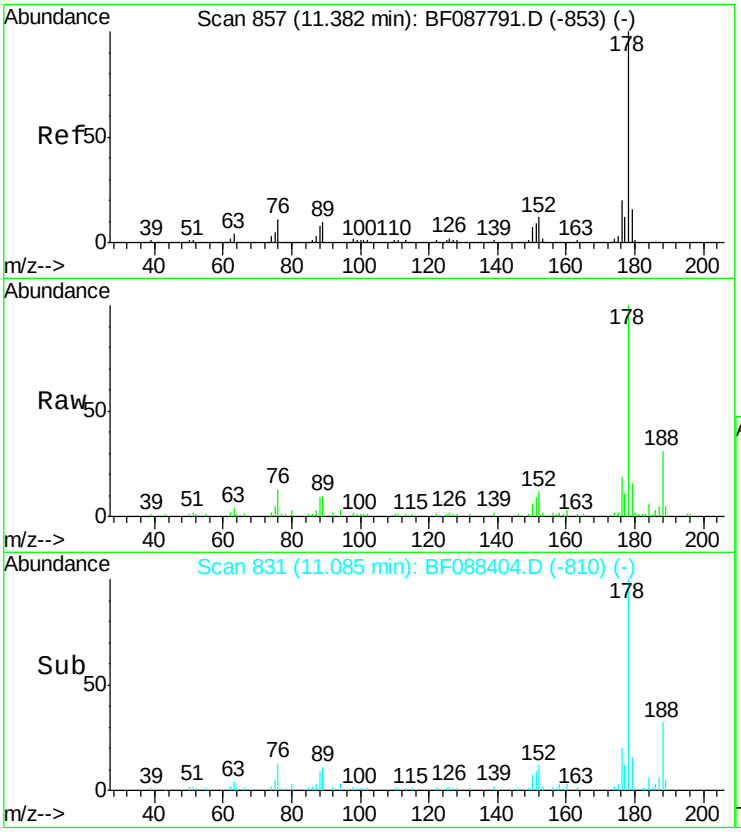


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:188 Resp: 261007

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.0	13.6
80	13.5	10.0	15.0



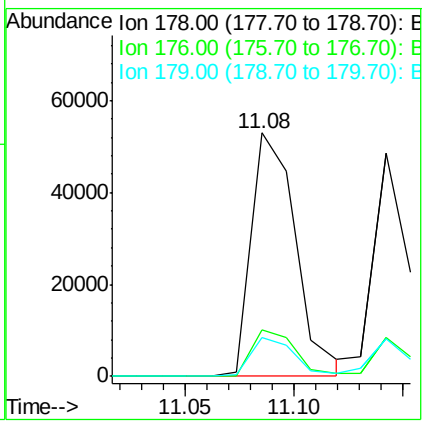


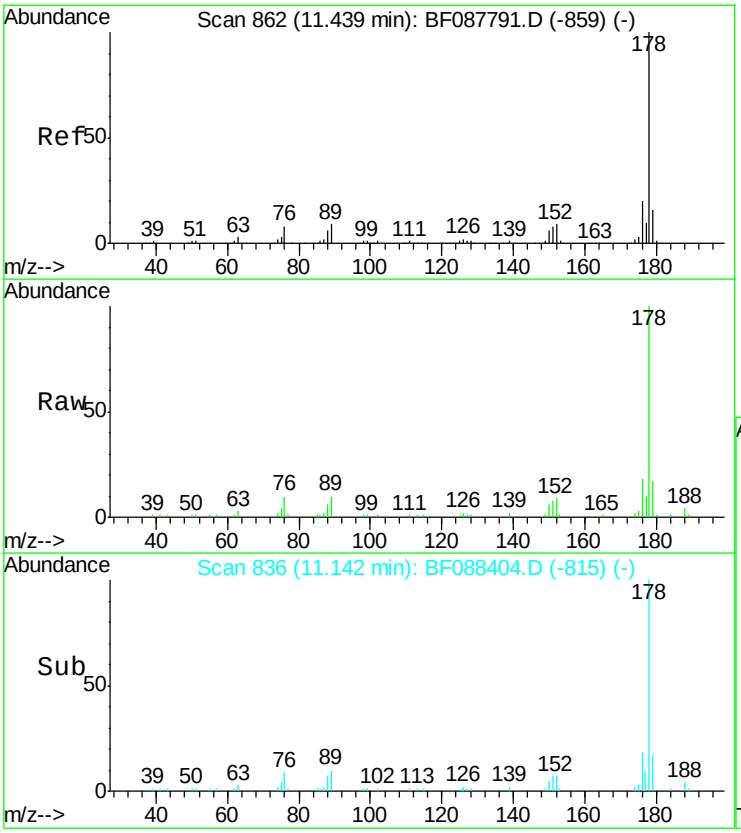
#70
Phenanthrene
Concen: 5.52 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.06 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:178 Resp: 75564

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.8	13.0	19.4

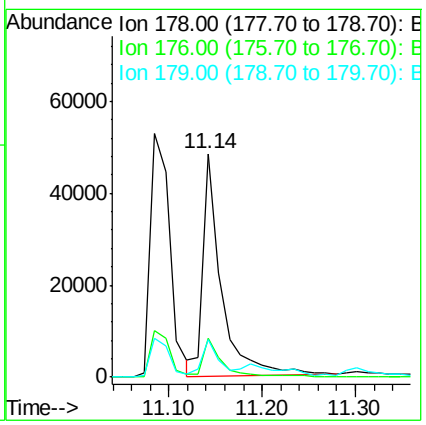


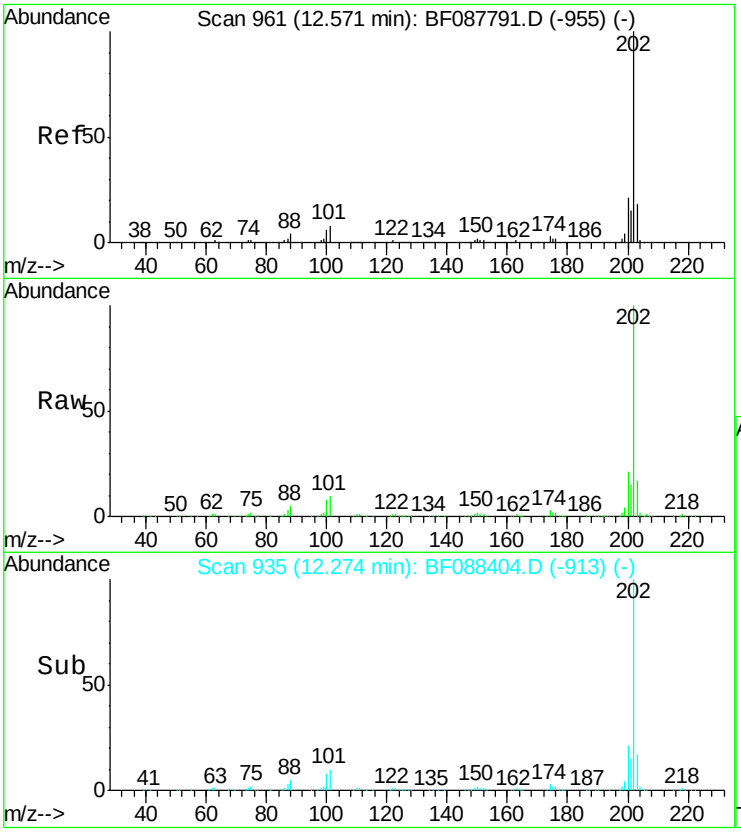


#71
Anthracene
Concen: 4.83 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.06 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:178 Resp: 66769

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.6	23.4
179	16.6	12.8	19.2



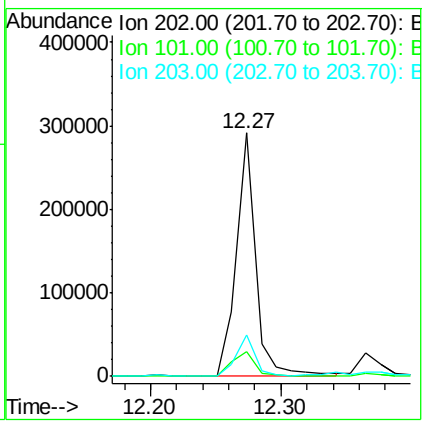


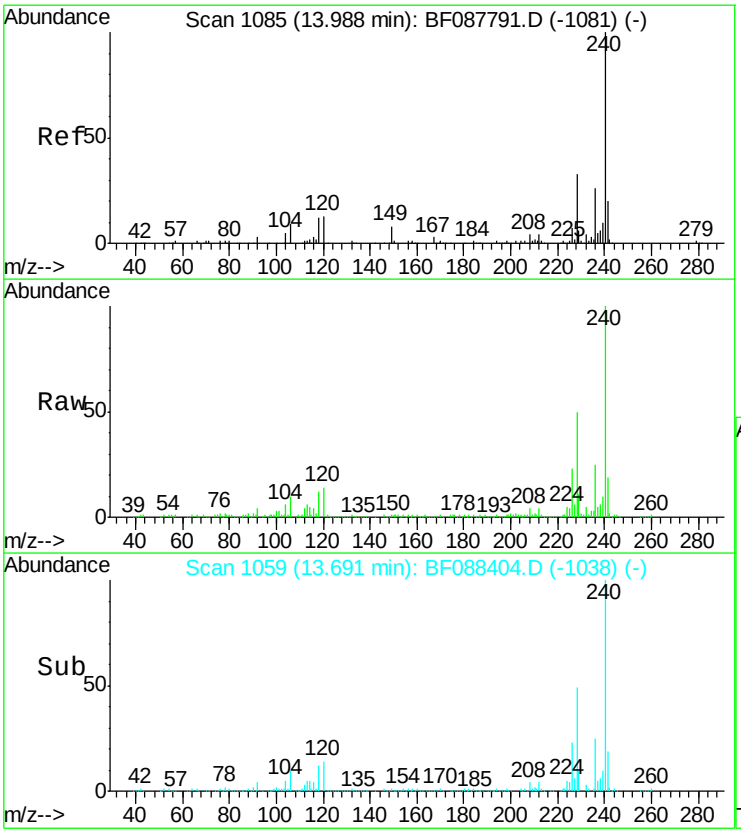
#74
Fluoranthene
Concen: 20.57 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:202 Resp: 297284

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.1
203	17.2	0.0	38.1

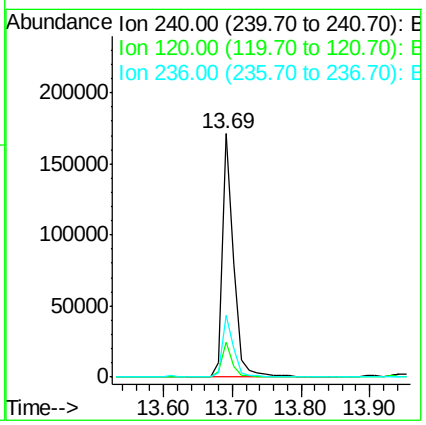


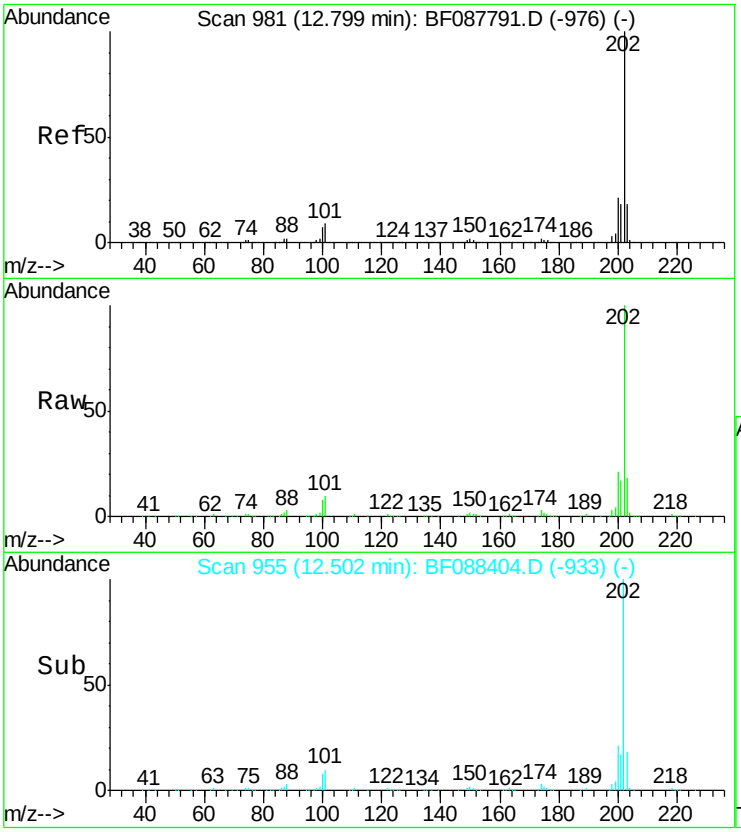


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.06 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:240 Resp: 199209

Ion	Ratio	Lower	Upper
240	100		
120	14.5	6.8	10.2#
236	25.4	20.2	30.2



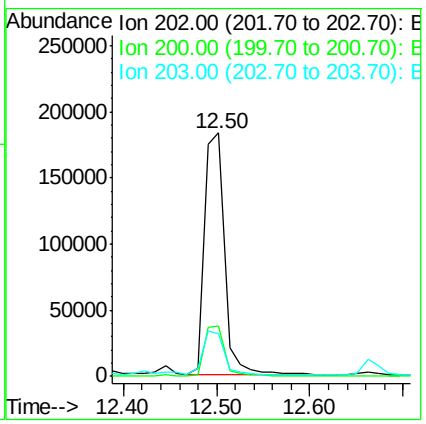


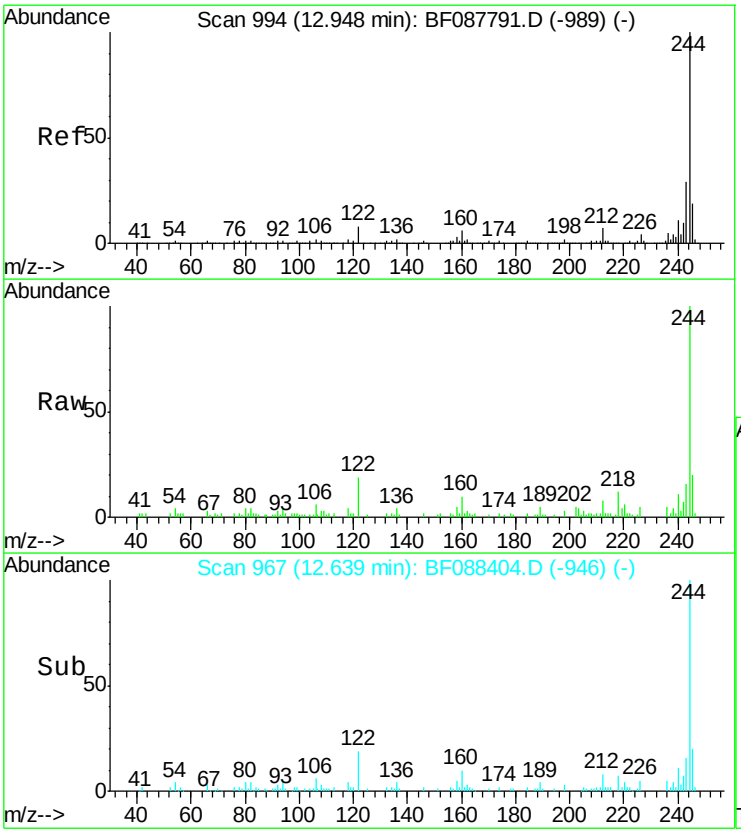
#77
Pyrene
Concen: 18.63 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.05 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:202 Resp: 275365

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.5	21.7

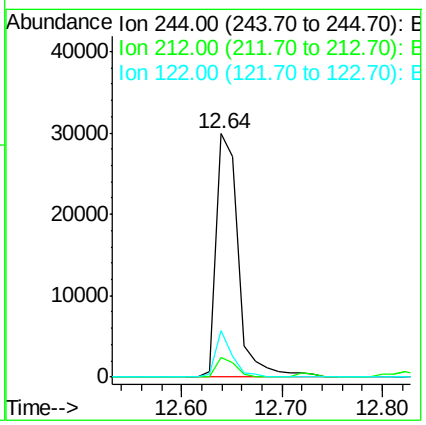


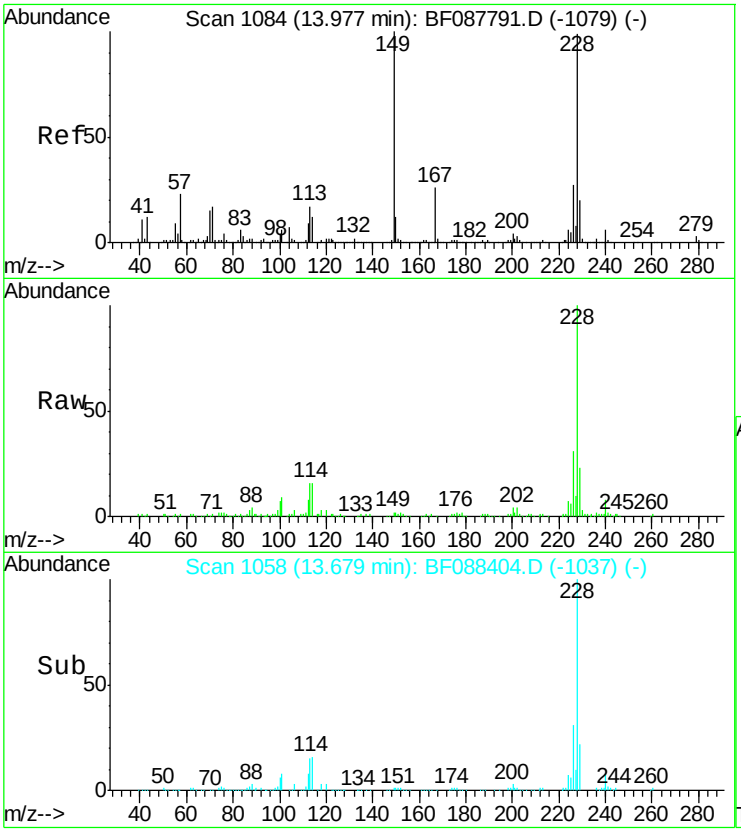


#78
Terphenyl-d14
Concen: 5.22 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.06 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:244 Resp: 45733

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	19.4	11.2	16.8#



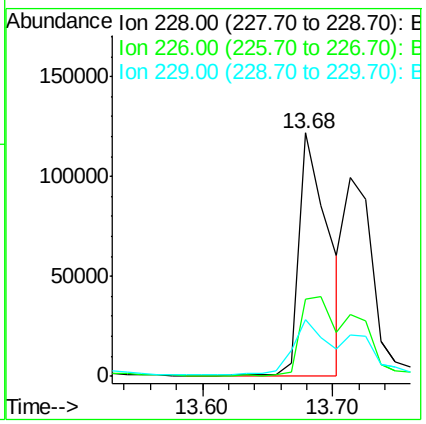


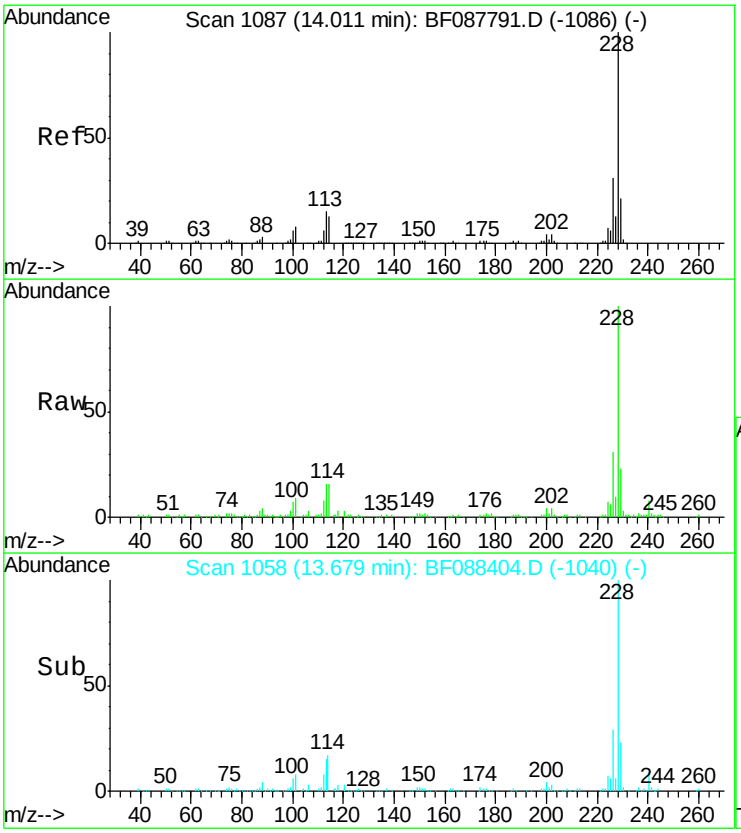
#80
Benzo(a)anthracene
Concen: 16.57 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.06 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:228 Resp: 188092

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.3	33.5
229	23.1	16.0	24.0

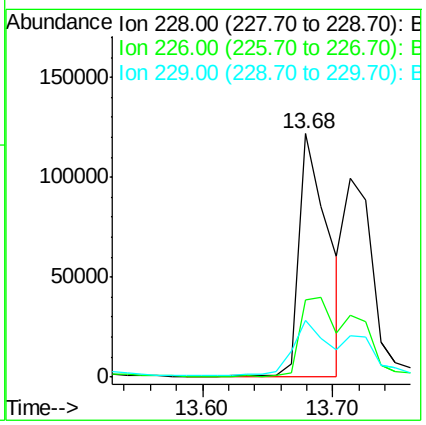


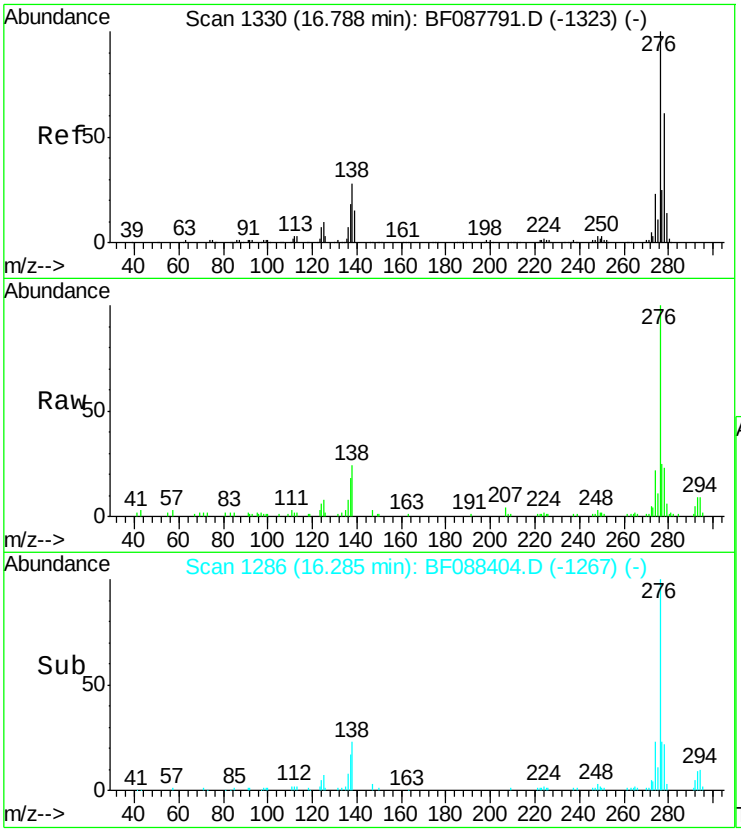


#82
Chrysene
Concen: 17.61 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.09 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:228 Resp: 188092

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.2
229	23.1	16.3	24.5



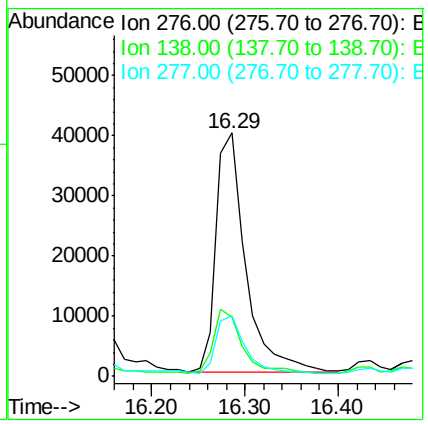


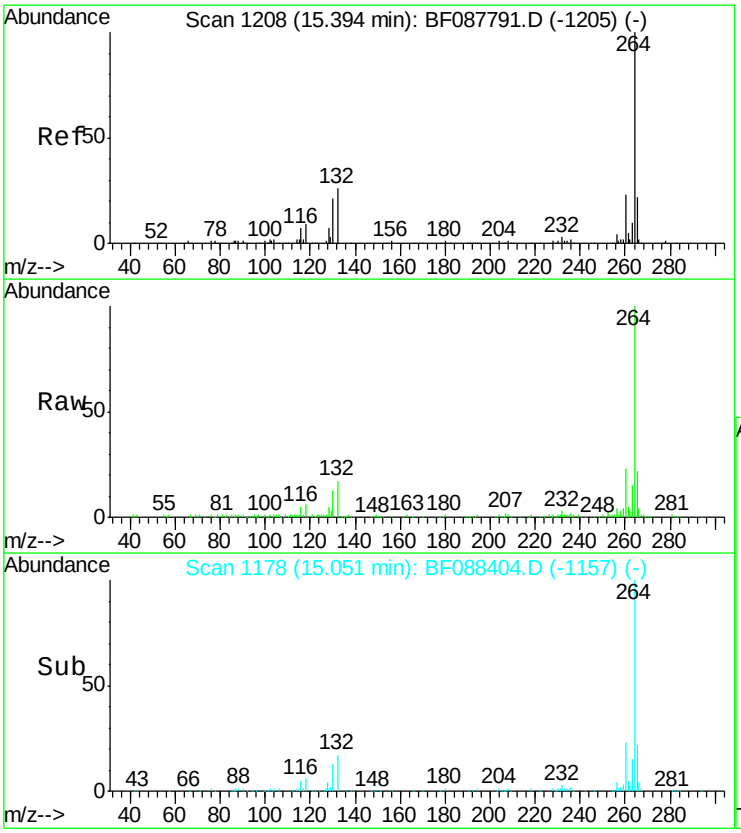
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.91 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.08 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:276 Resp: 88366

Ion	Ratio	Lower	Upper
276	100		
138	27.0	0.0	0.0#
277	23.1	0.0	0.0#

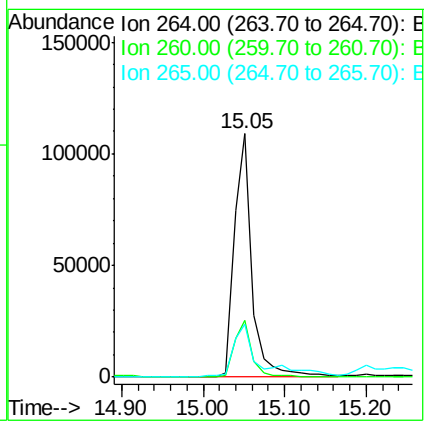


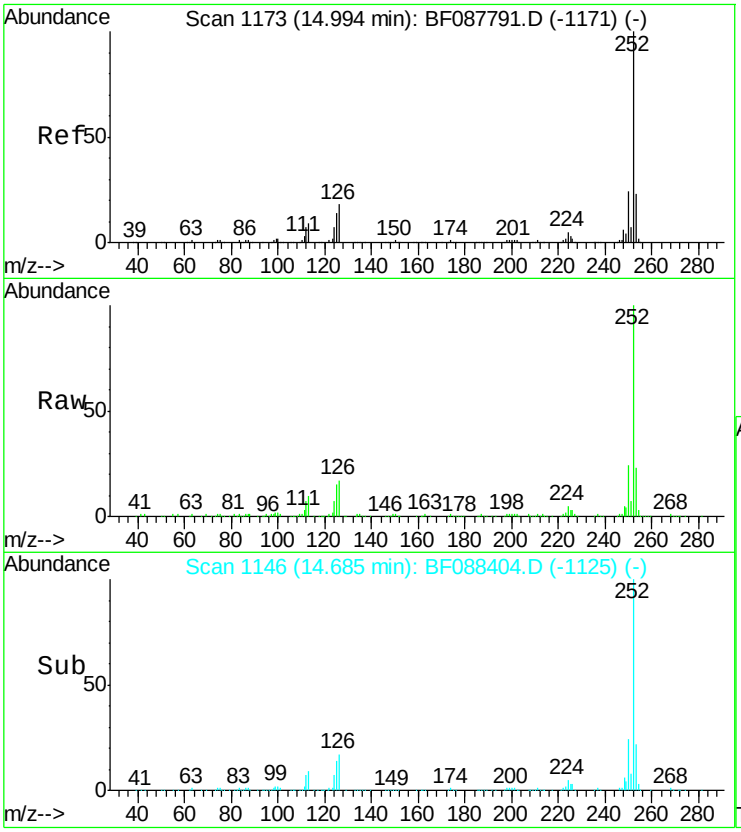


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:264 Resp: 163799

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	16.9	25.3



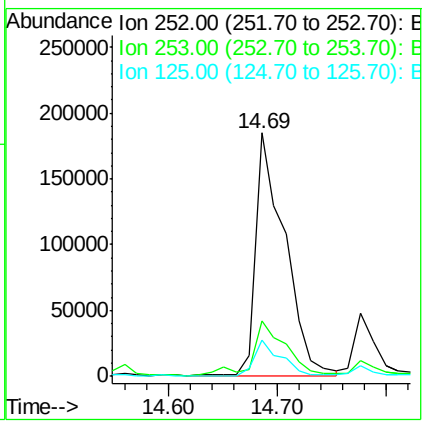


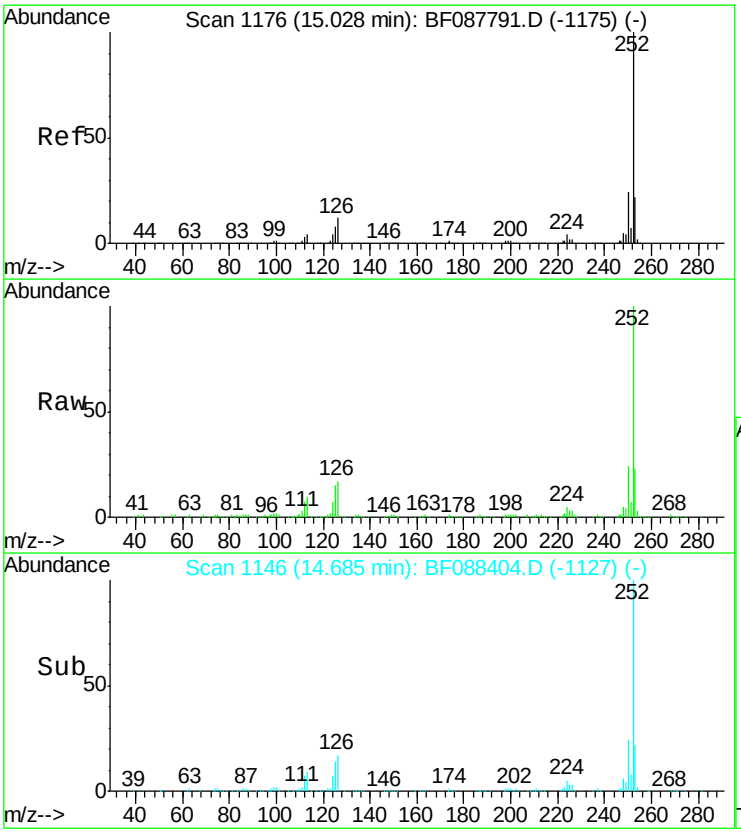
#87
Benzo(b)fluoranthene
Concen: 29.95 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:252 Resp: 341940

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	14.7	7.1	10.7#

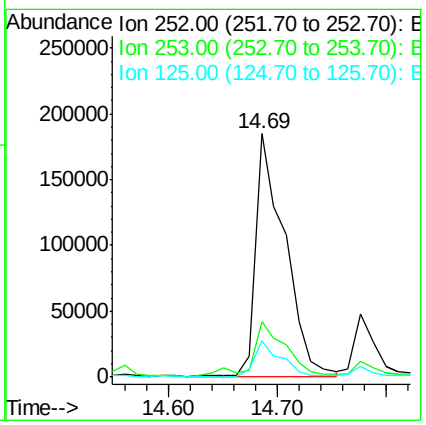


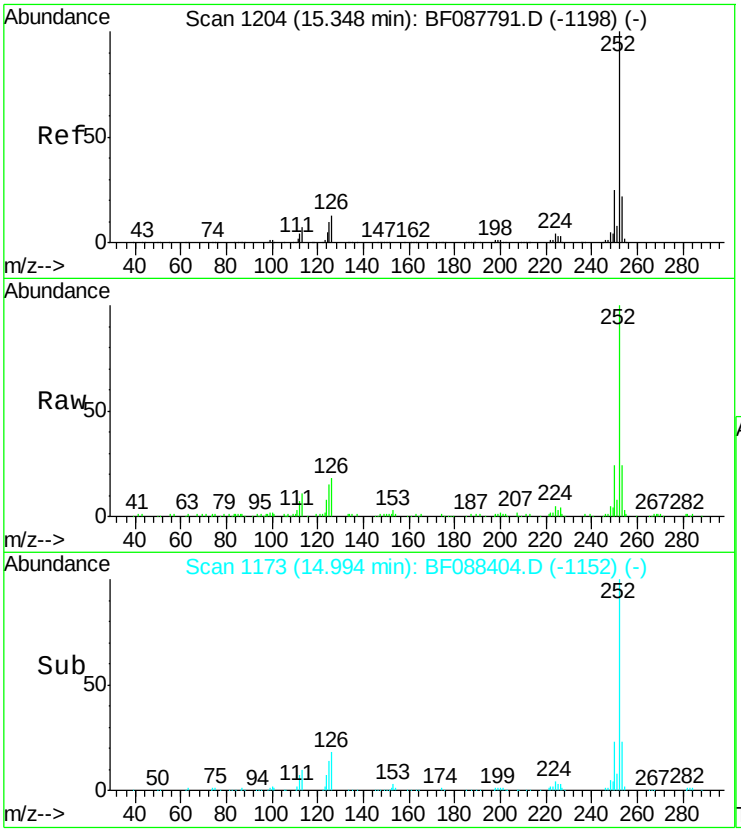


#88
Benzo(k)fluoranthene
Concen: 39.70 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.08 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:252 Resp: 341940

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	14.7	11.2	16.8



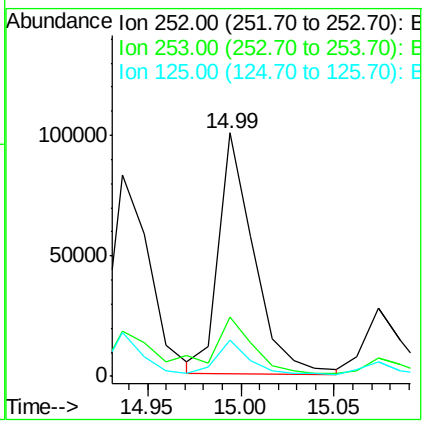


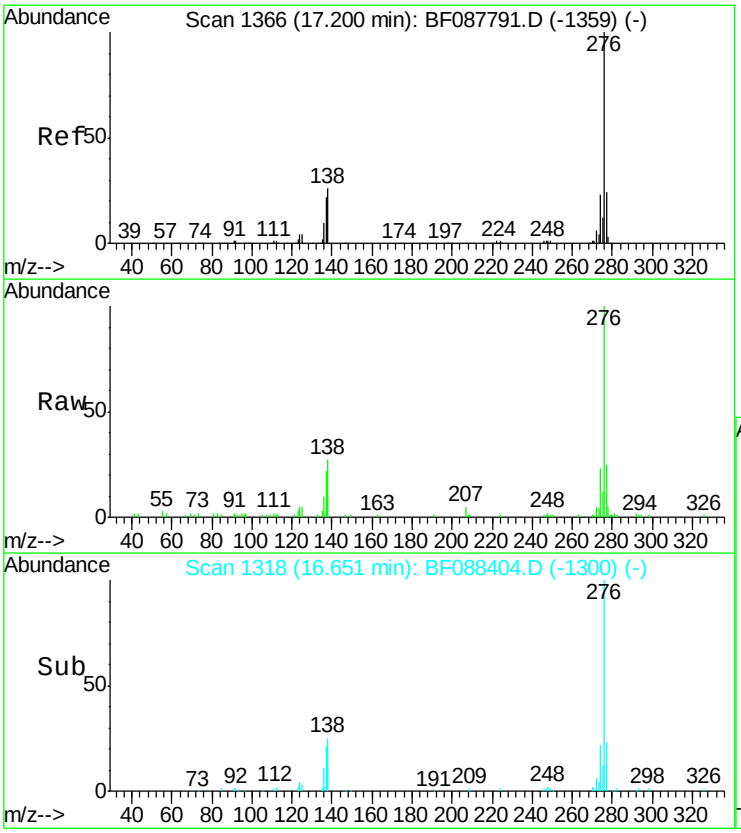
#89
Benzo(a)pyrene
Concen: 14.37 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.06 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)DL

Tgt Ion:252 Resp: 132706

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	14.8	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 7.98 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.09 min
Lab File: BF088404.D
Acq: 26 Jun 2016 6:31

Tgt Ion:276 Resp: 70396

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	26.6	21.4	32.2