Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088342.D
Acq On : 24 Jun 2016 20:20
Operator : UM/SJ
Sample : H3599-05 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1407(0-4)

Quant Time: Jun 25 03:40:45 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	6.58	152	79105	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	320234	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	143092	20.00	ng		-0.03
63) Phenanthrene-d10	11.10	188	240375	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	181674	20.00	ng		-0.03
86) Perylene-d12	15.07	264	174865	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	46846	10.12	ng		0.01
7) Phenol-d6	6.26	99	68988	12.30	ng		0.00
23) Nitrobenzene-d5	7.16	82	38604	7.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	13017	8.62	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	89801	4.62	ng		-0.02
78) Terphenyl-d14	12.67	244	53836	6.74	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.16	82	38604	3.80	ng	#	65
45) 1,1'-Biphenyl	9.05	154	667	Below Cal		#	43
50) 2,6-Dinitrotoluene	9.61	165	17785	7.49	ng	#	37
56) 2,4-Dinitrotoluene	9.61	165	17786	5.83	ng	#	36
57) Fluorene	10.16	166	2379	Below Cal		#	92
70) Phenanthrene	11.12	178	61918	4.91	ng		97
74) Fluoranthene	12.30	202	130595	9.81	ng		97
77) Pyrene	12.53	202	106817	7.92	ng		97
80) Benzo(a)anthracene	13.70	228	57769	5.58	ng		97
82) Chrysene	13.75	228	53527	5.50	ng		97
85) Indeno(1,2,3-cd)pyrene	16.33	276	29700	3.28	ng	#	100
87) Benzo(b)fluoranthene	14.71	252	108699	8.92	ng	#	94
88) Benzo(k)fluoranthene	14.71	252	108699	11.82	ng		99
89) Benzo(a)pyrene	14.97	252	36067	3.66	ng		99
91) Benzo(g,h,i)perylene	16.70	276	25727	2.73	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088342.D
Acq On : 24 Jun 2016 20:20
Operator : UM/SJ
Sample : H3599-05 10X
Misc :
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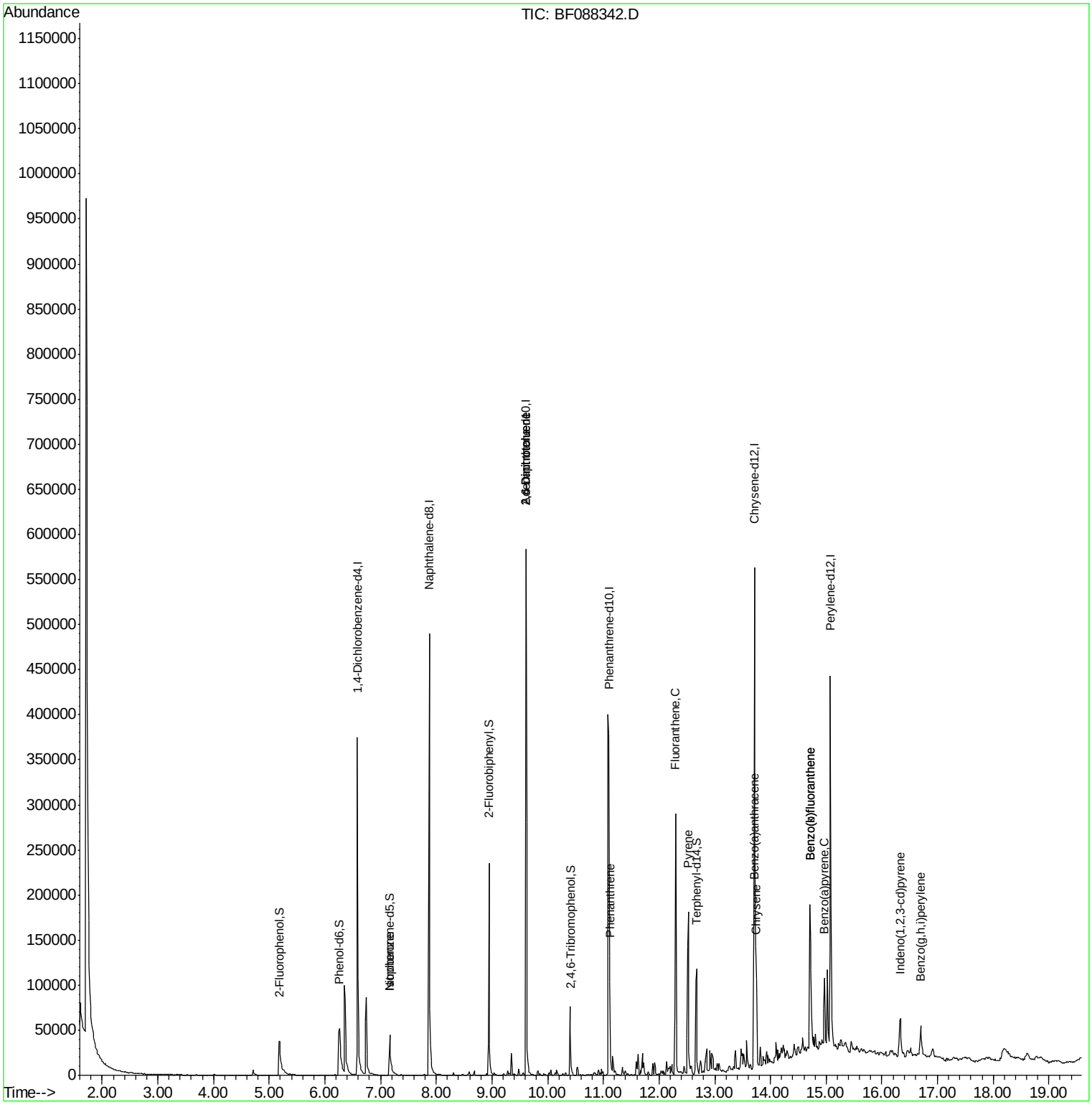
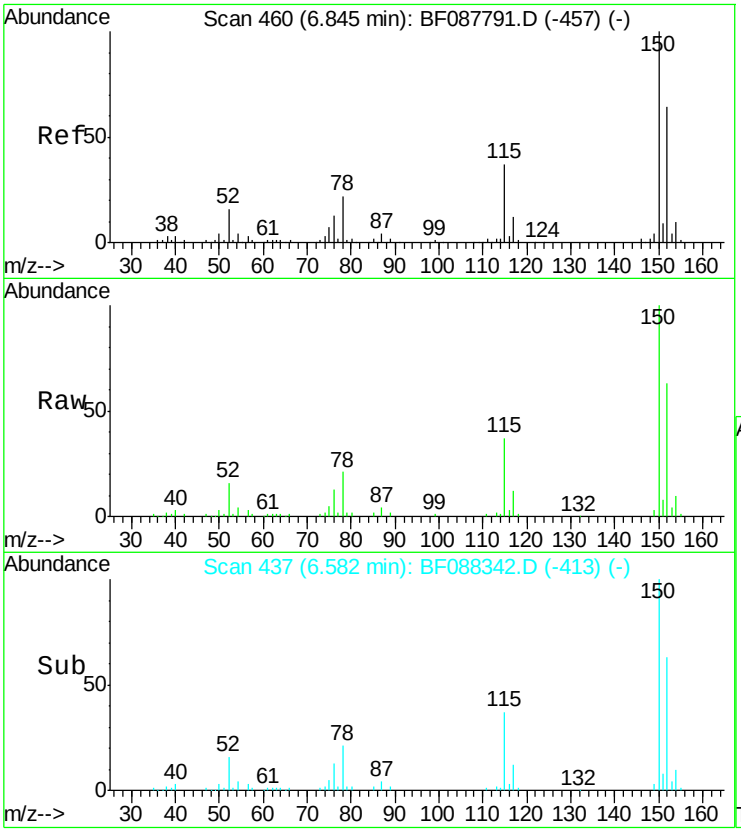
Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Quant Time: Jun 25 03:40:45 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



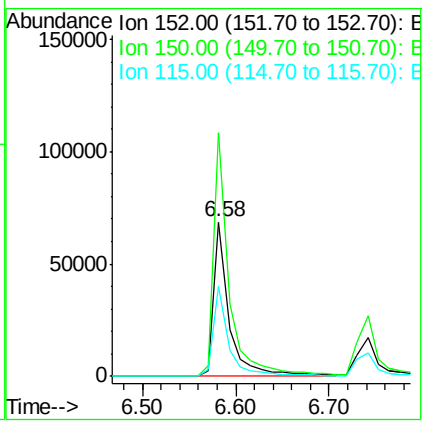


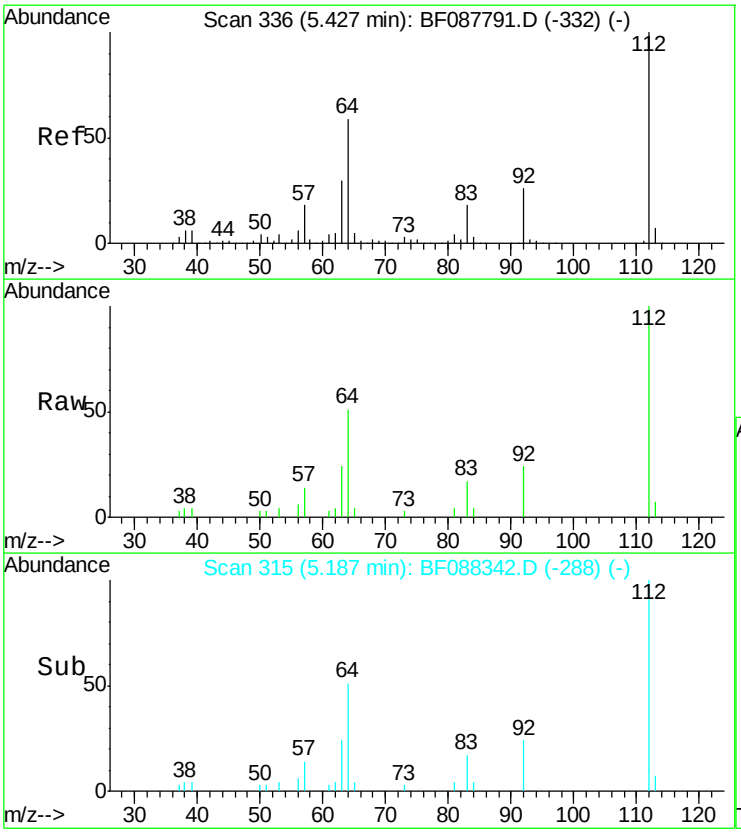
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion:152 Resp: 79105

Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.8	185.6
115	58.4	39.6	59.4

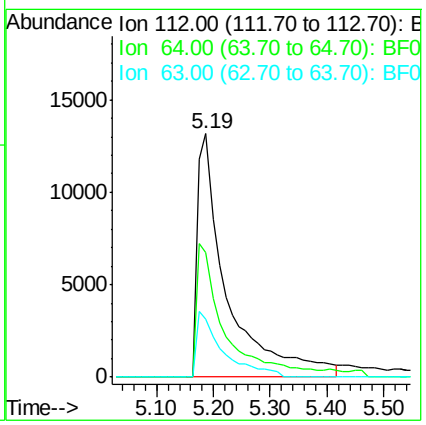


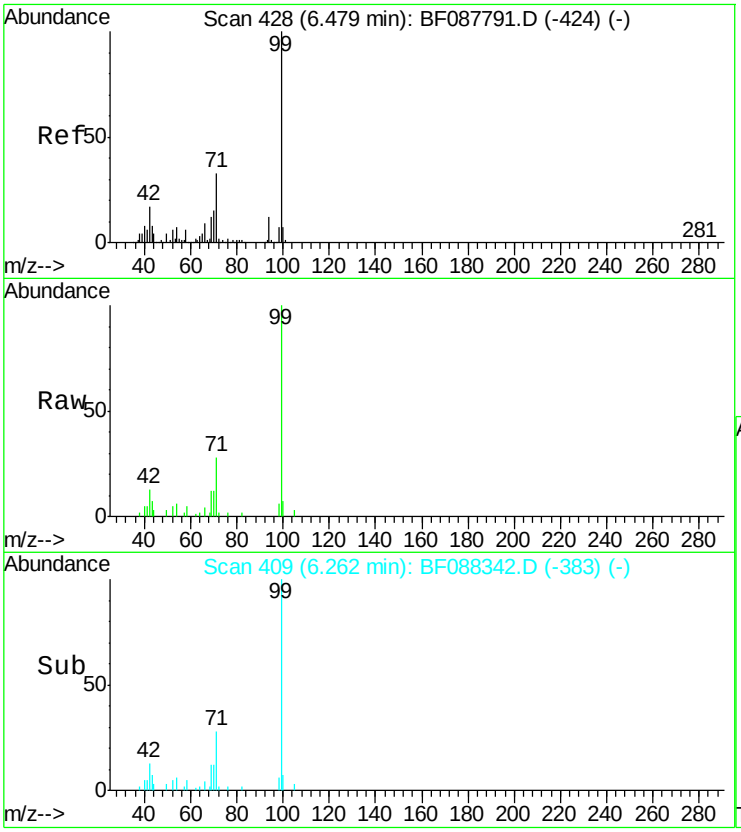


#5
2-Fluorophenol
Concen: 10.12 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion:112 Resp: 46846

Ion	Ratio	Lower	Upper
112	100		
64	50.9	42.2	63.2
63	23.9	21.8	32.8



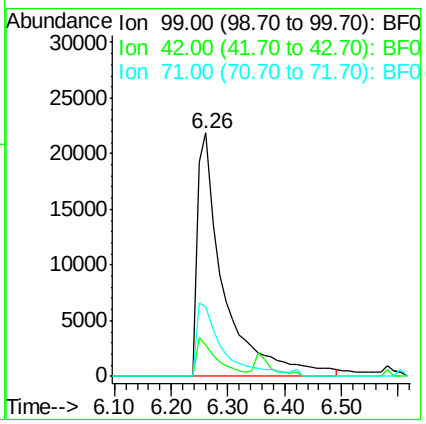


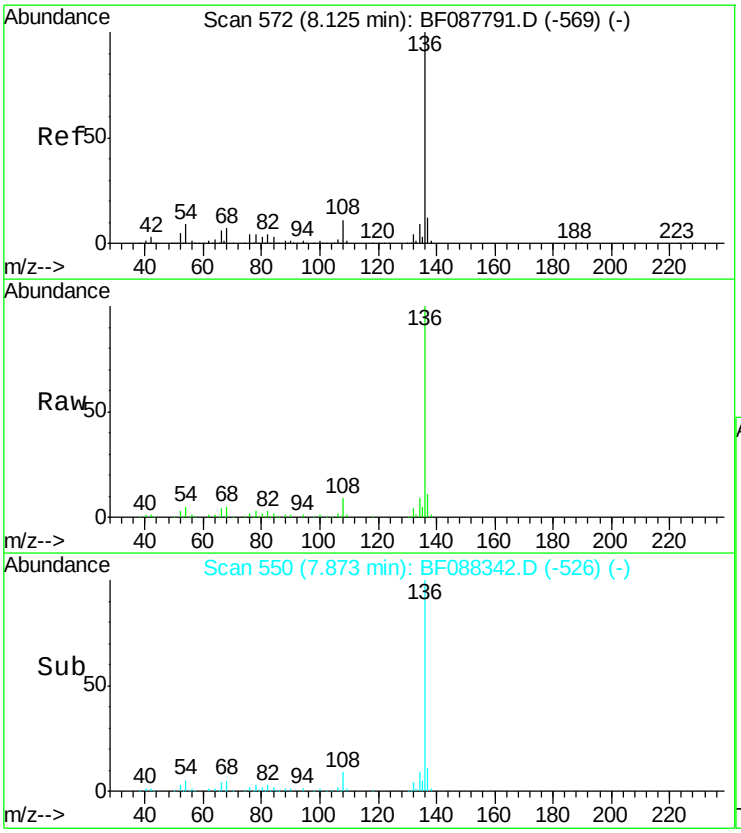
#7
Phenol-d6
Concen: 12.30 ng
RT: 6.26 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion: 99 Resp: 68988

Ion	Ratio	Lower	Upper
99	100		
42	12.9	12.2	18.2
71	28.4	23.4	35.0

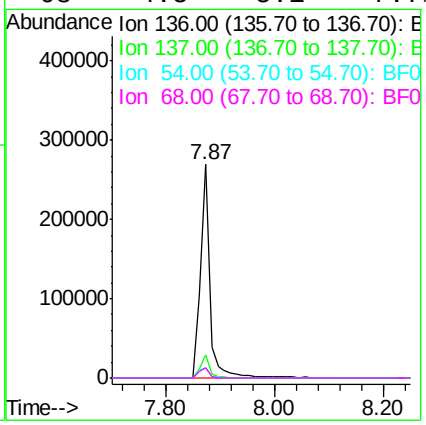


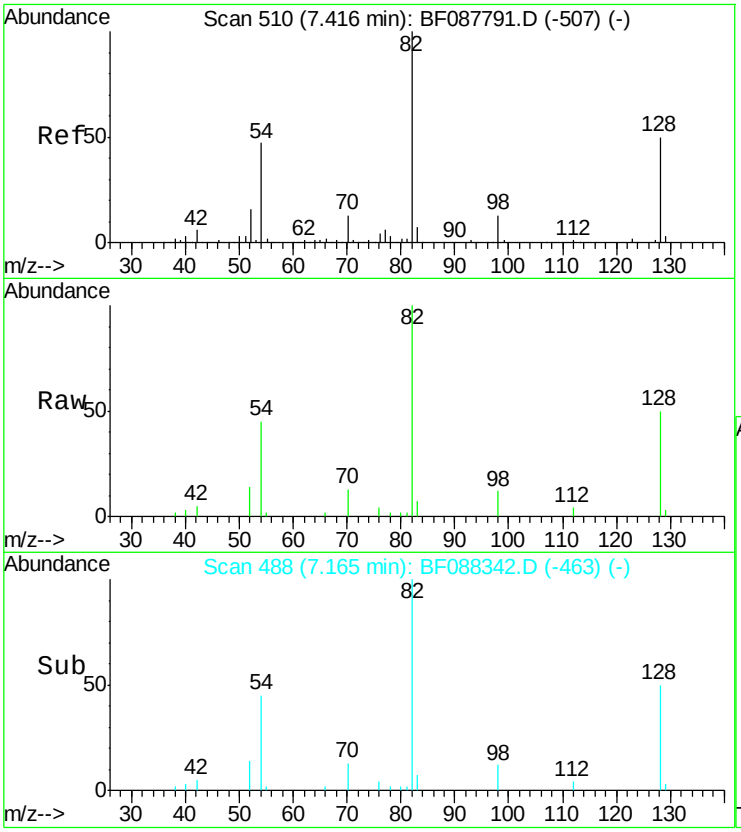


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion:136 Resp: 320234

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.0	6.6	10.0#
68	4.5	5.1	7.7#



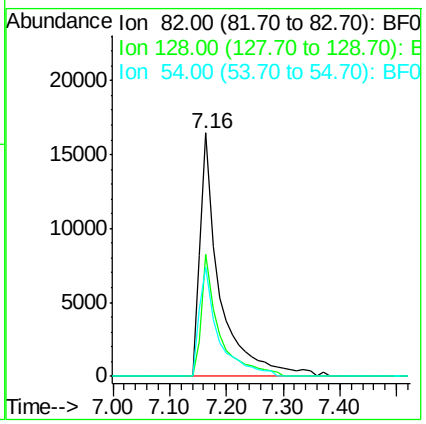


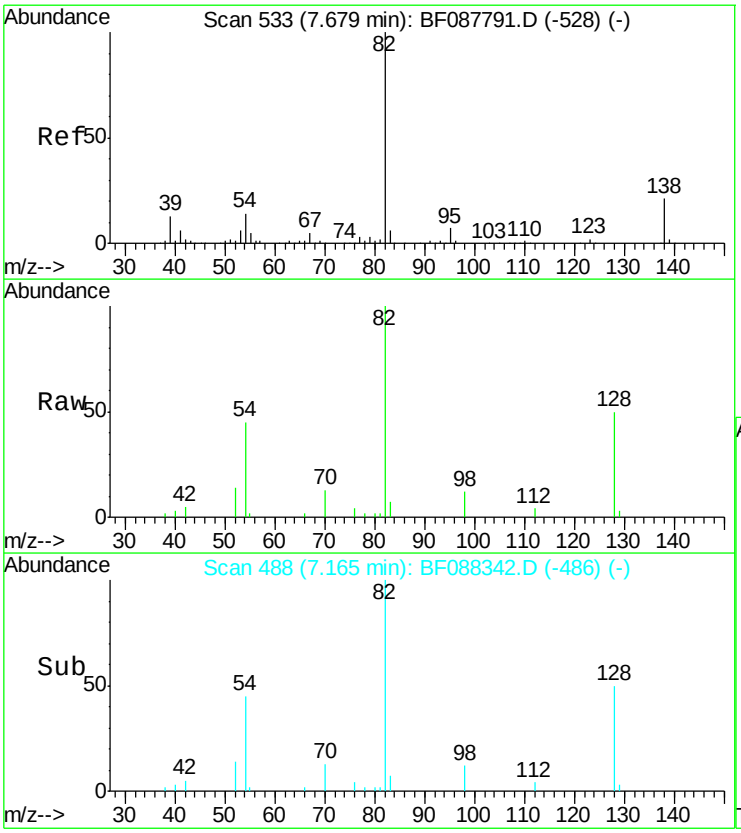
#23
Nitrobenzene-d5
Concen: 7.04 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion: 82 Resp: 38604

Ion	Ratio	Lower	Upper
82	100		
128	50.2	35.9	53.9
54	44.7	40.9	61.3

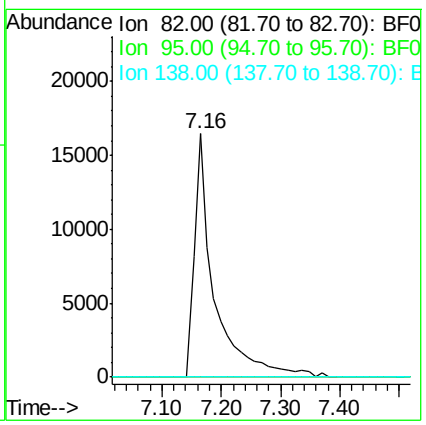


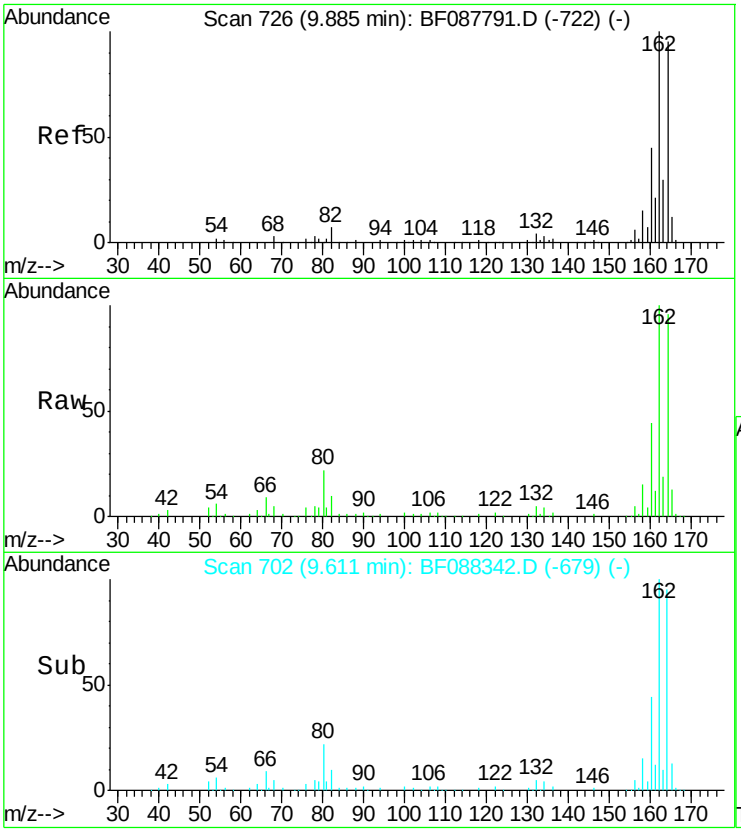


#25
Isophorone
Concen: 3.80 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.27 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion: 82 Resp: 38604

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



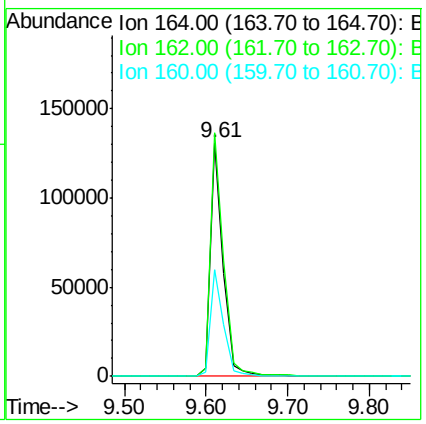


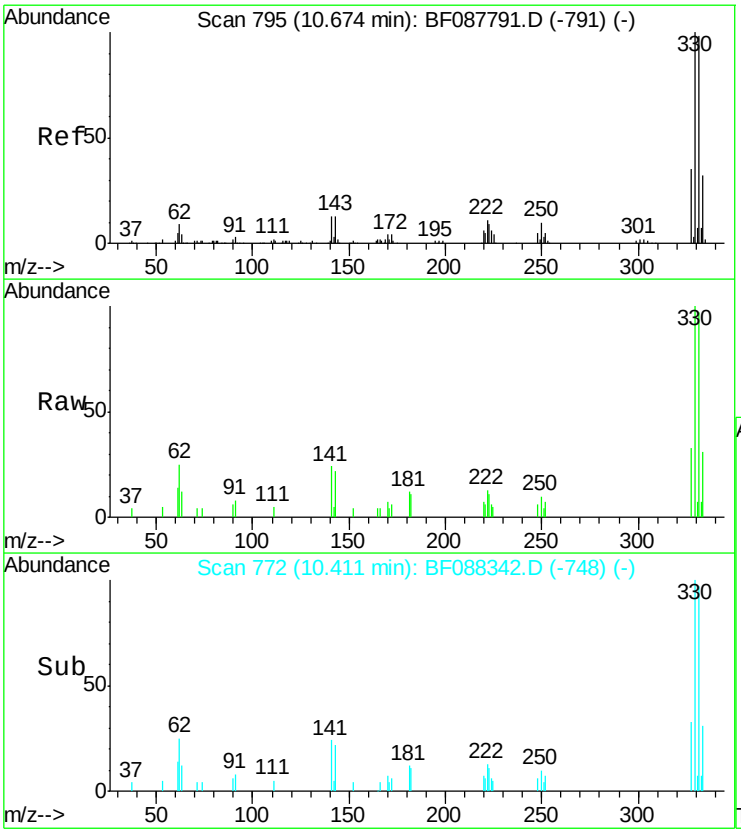
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion:164 Resp: 143092

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	45.7	39.5	59.3

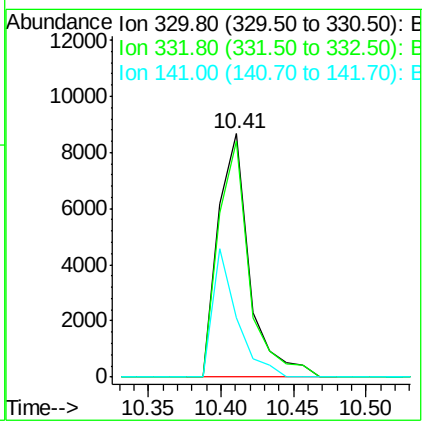


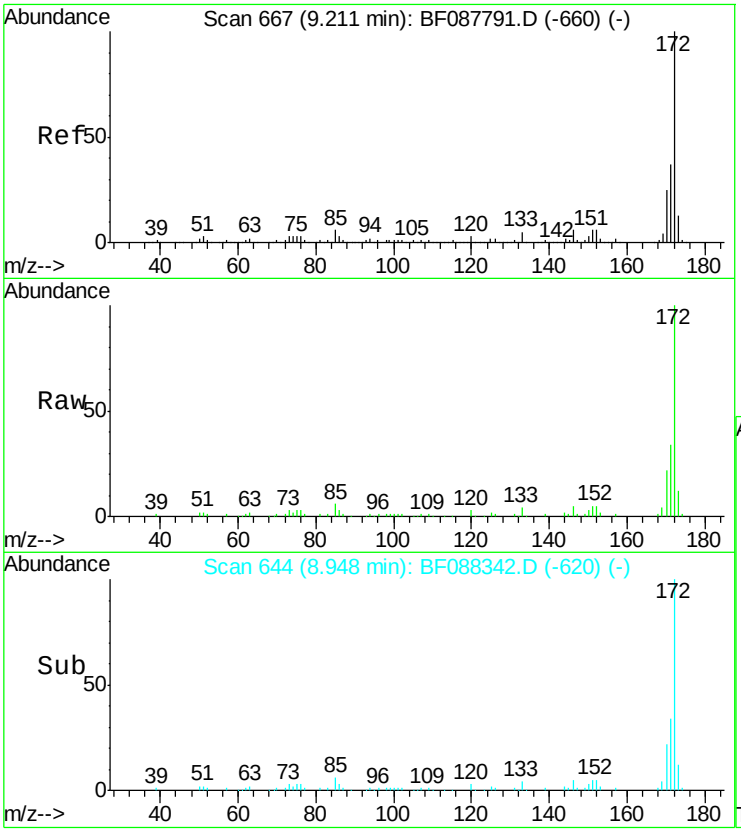


#41
2,4,6-Tribromophenol
Concen: 8.62 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion:330 Resp: 13017

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	41.0	0.0	0.0#



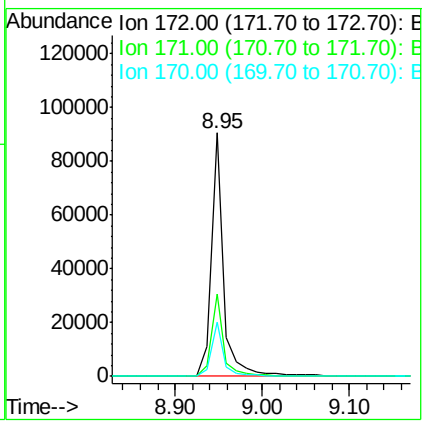


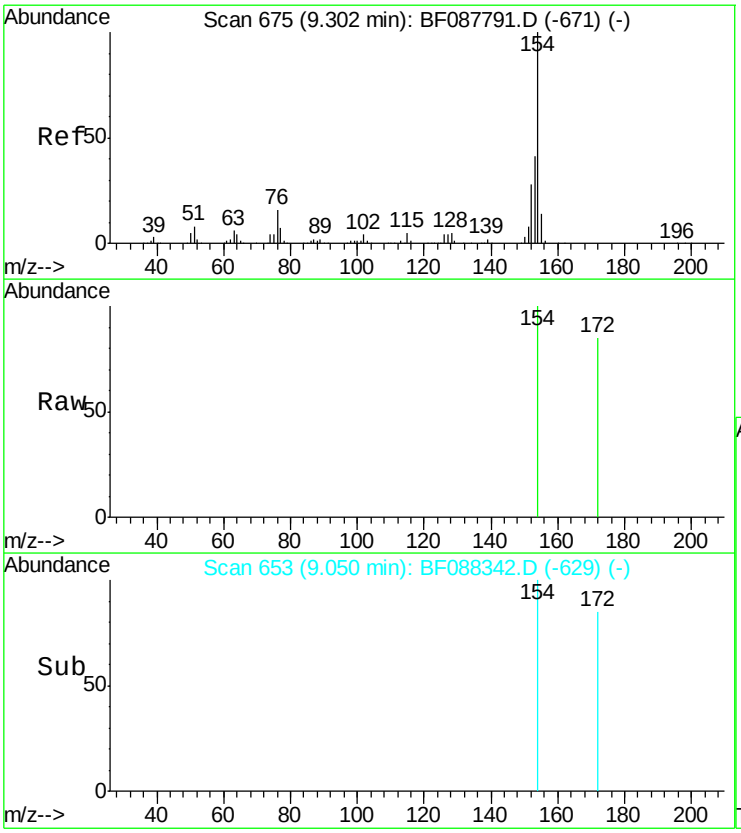
#44
2-Fluorobiphenyl
Concen: 4.62 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion:172 Resp: 89801

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.6	43.0
170	22.3	19.2	28.8

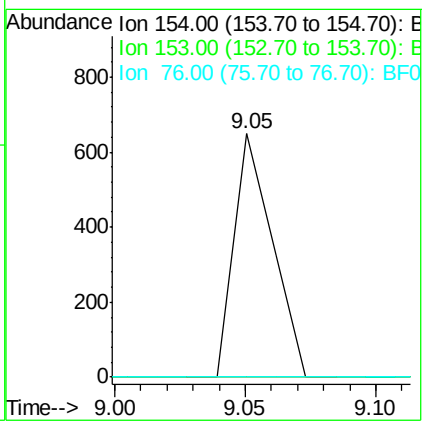


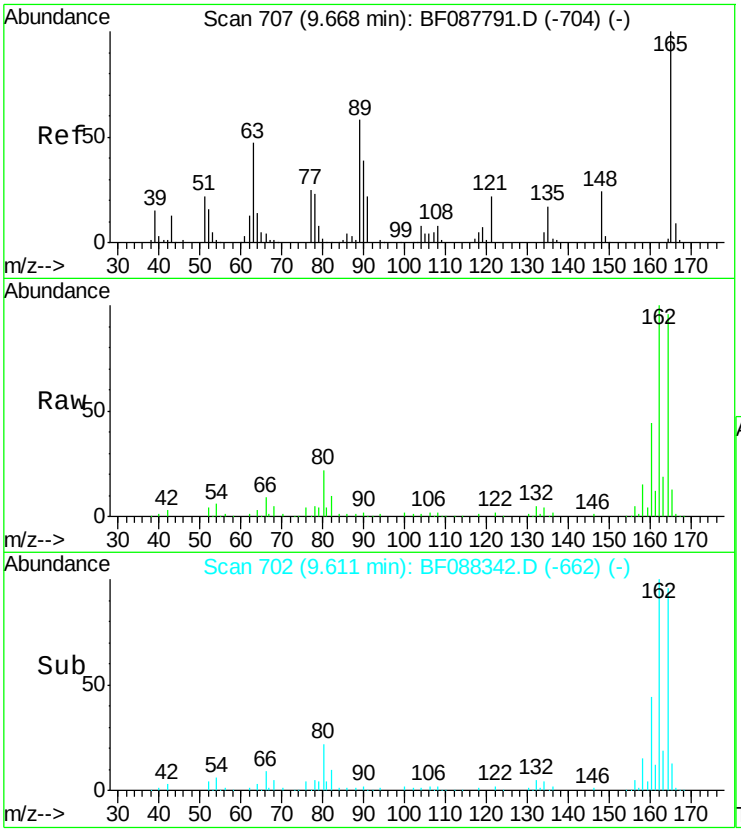


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion:154 Resp: 667

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



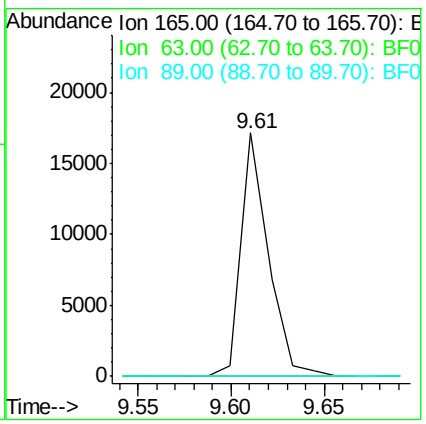


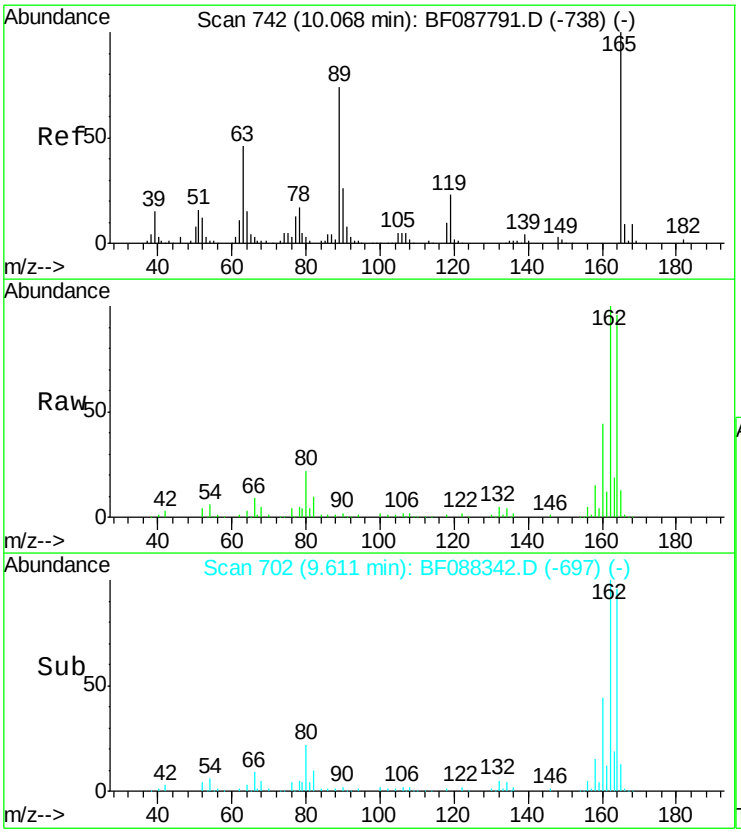
#50
2,6-Dinitrotoluene
Concen: 7.49 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.16 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion:165 Resp: 17785

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

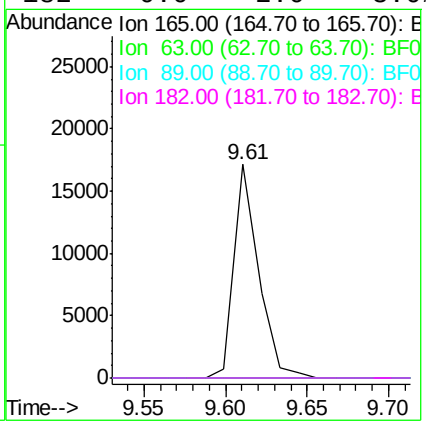


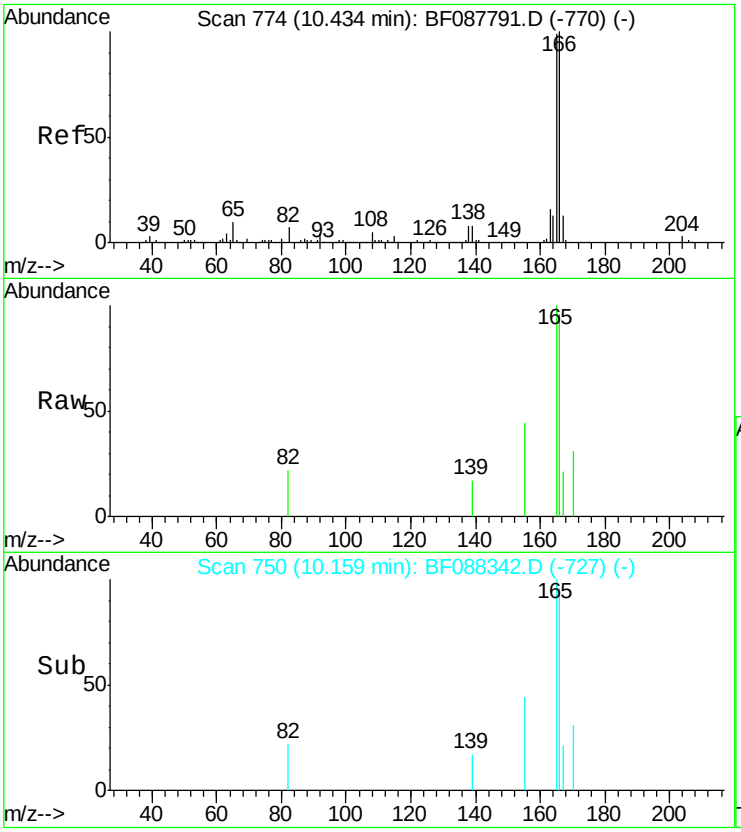


#56
2,4-Dinitrotoluene
Concen: 5.83 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.24 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion:165 Resp: 17786

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



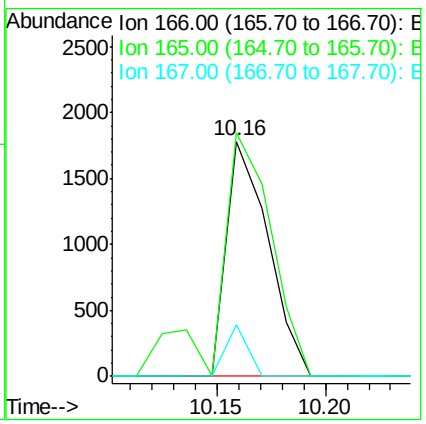


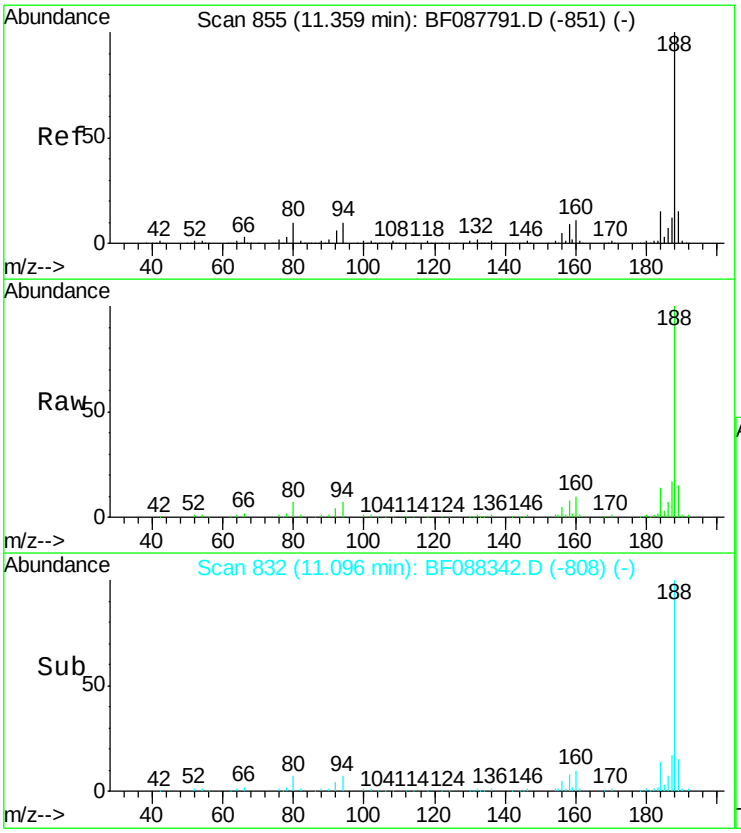
#57
Fluorene
Concen: Below Cal
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion:166 Resp: 2379

Ion	Ratio	Lower	Upper
166	100		
165	103.7	77.8	116.8
167	22.1	11.2	16.8#

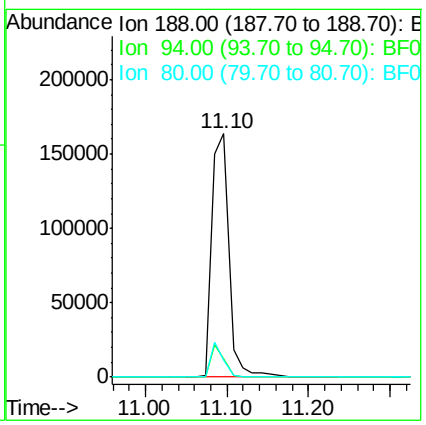


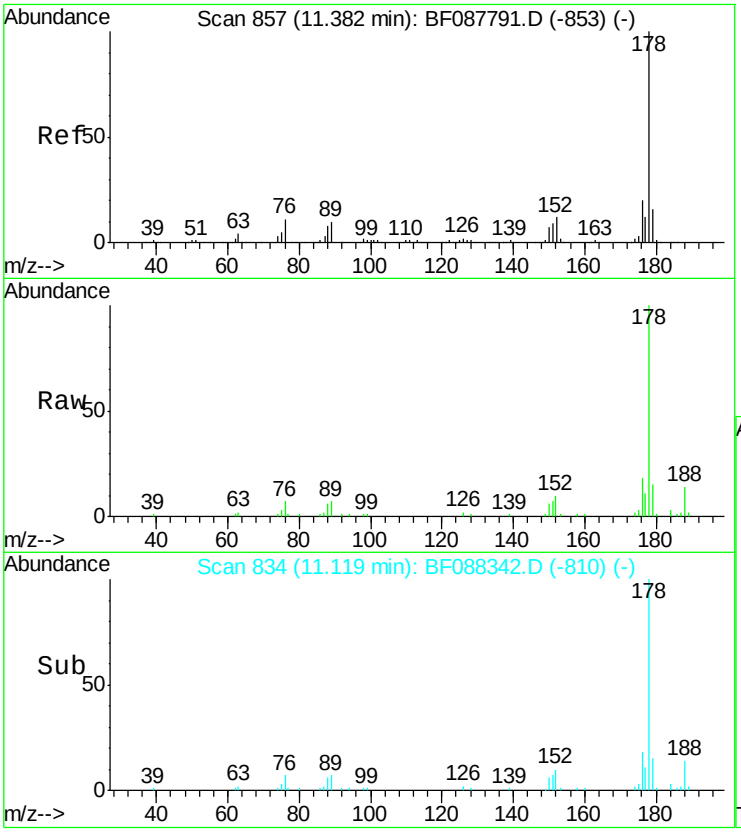


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion:188 Resp: 240375

Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.6#
80	6.9	10.0	15.0#



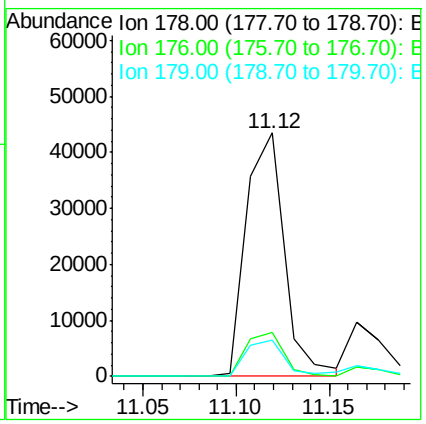


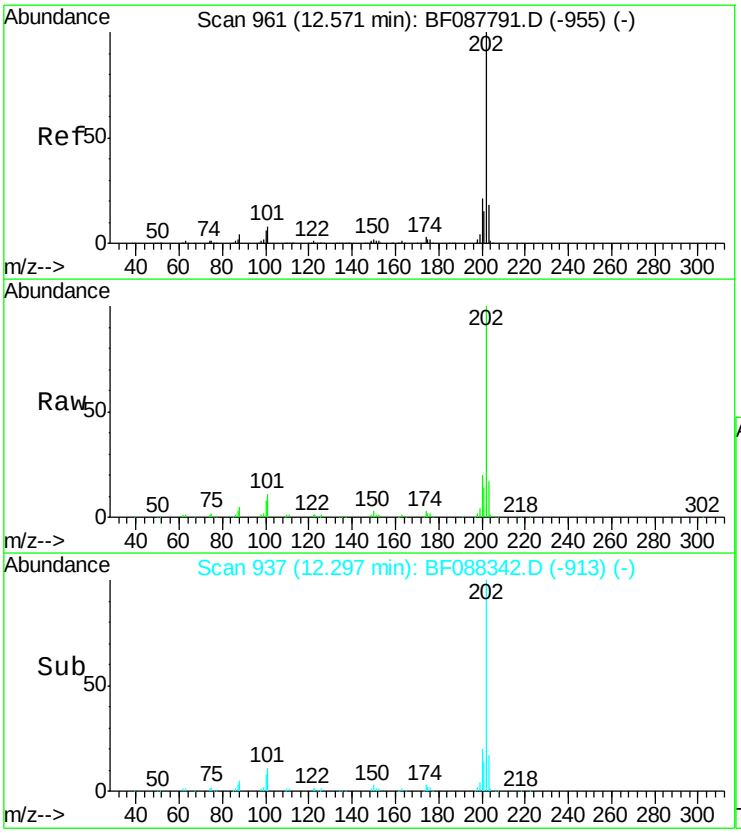
#70
Phenanthrene
Concen: 4.91 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion:178 Resp: 61918

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.6
179	14.9	13.0	19.4

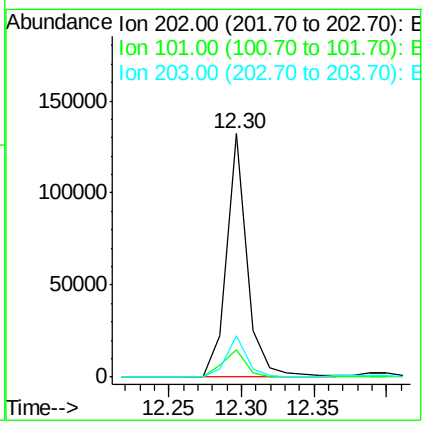


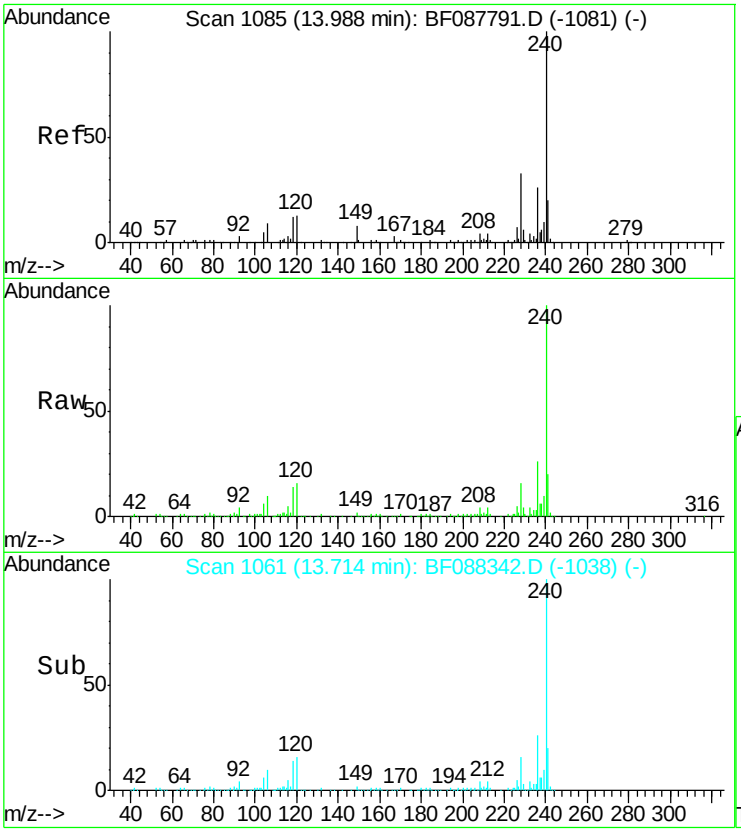


#74
Fluoranthene
Concen: 9.81 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion:202 Resp: 130595

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.1
203	17.2	0.0	38.1



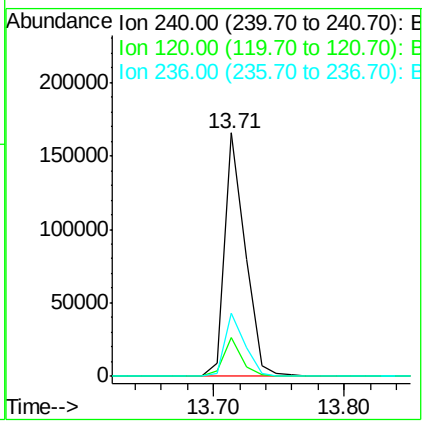


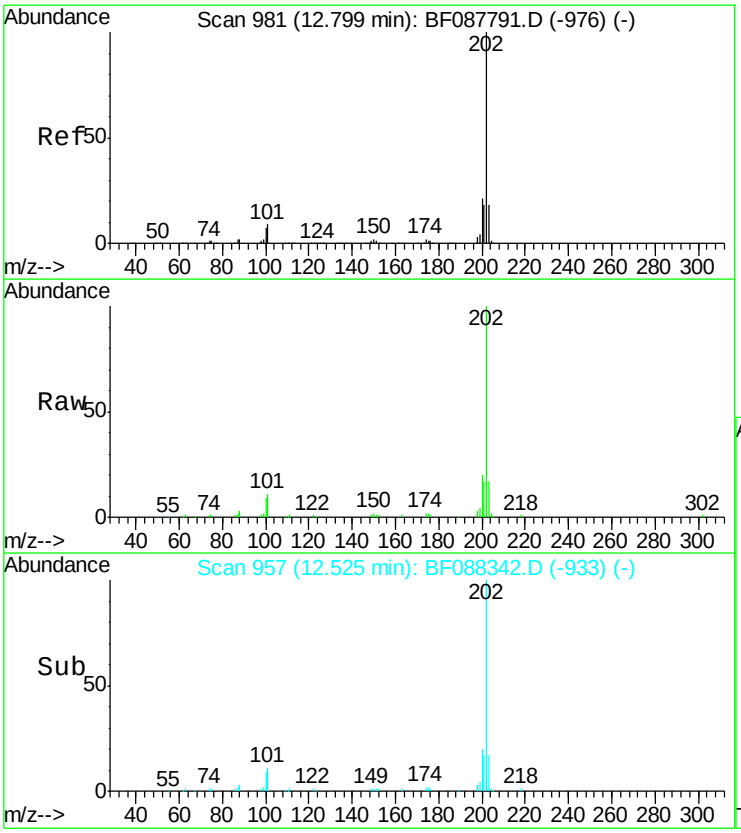
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion:240 Resp: 181674

Ion	Ratio	Lower	Upper
240	100		
120	15.8	6.8	10.2#
236	25.9	20.2	30.2

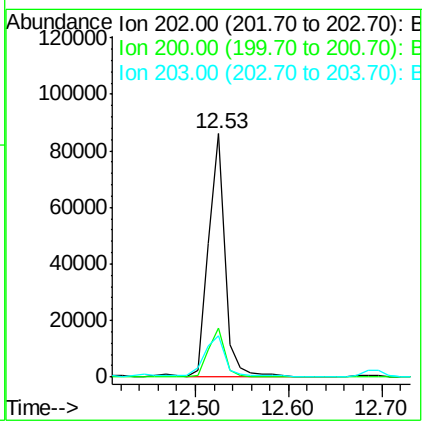


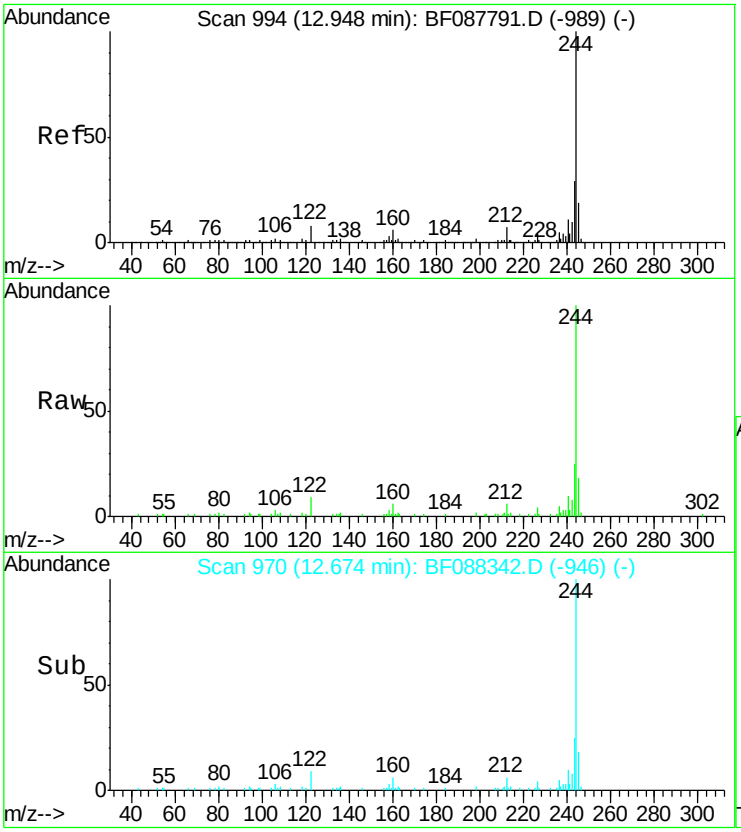


#77
Pyrene
Concen: 7.92 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion:202 Resp: 106817

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	17.1	14.5	21.7



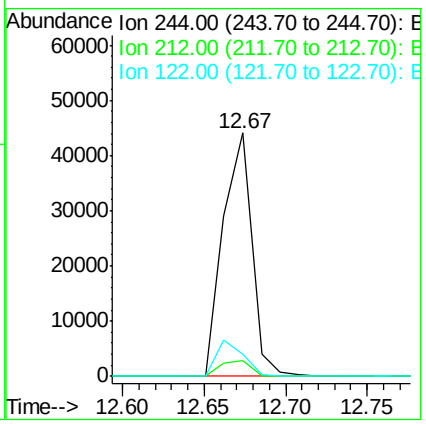


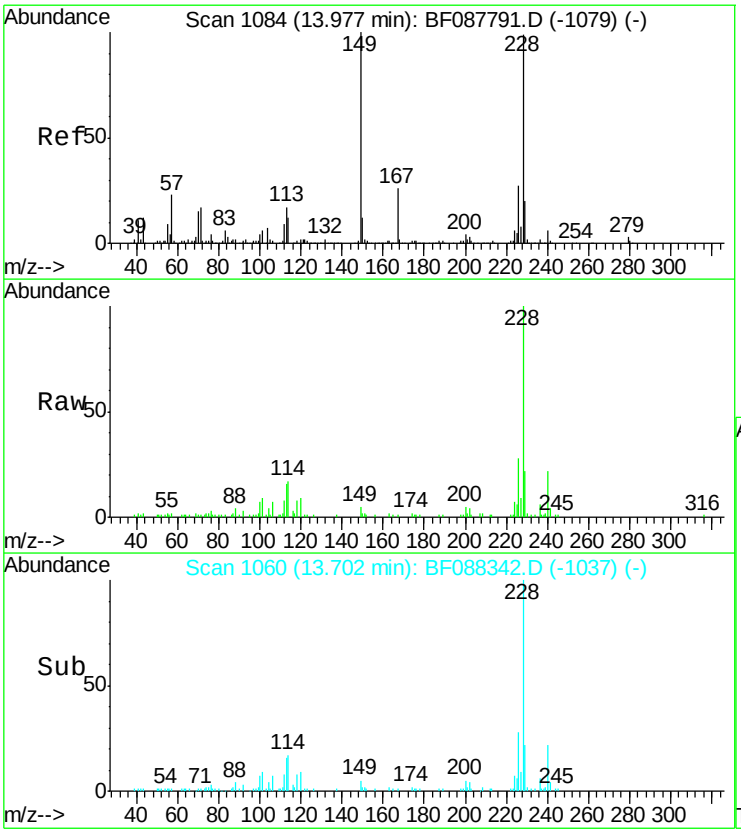
#78
Terphenyl-d14
Concen: 6.74 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion:244 Resp: 53836

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	9.2	11.2	16.8#

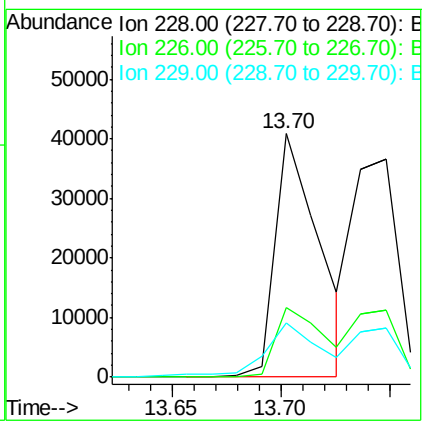


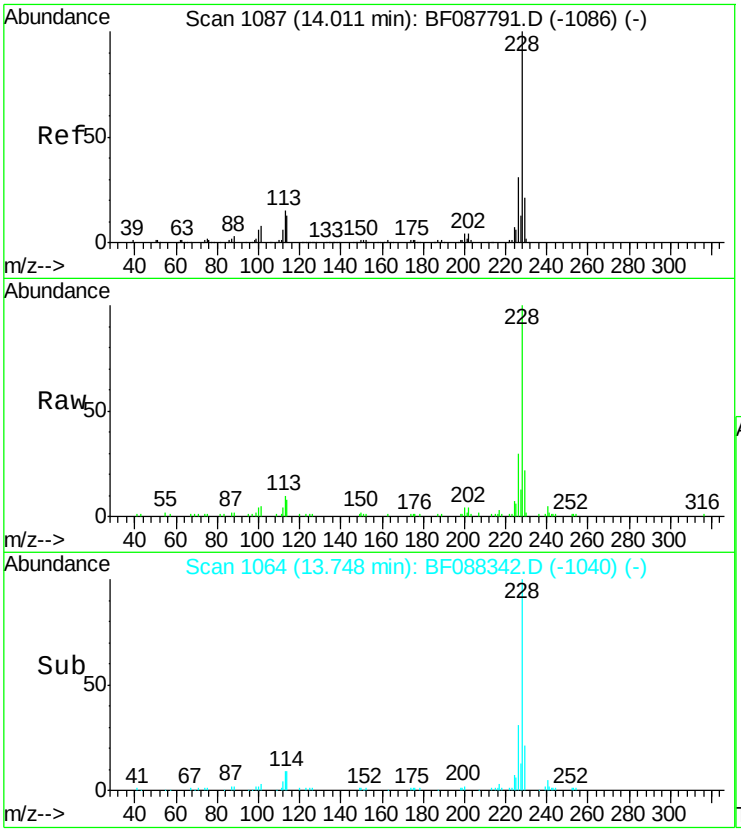


#80
Benzo(a)anthracene
Concen: 5.58 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion:228 Resp: 57769

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	22.5	16.0	24.0



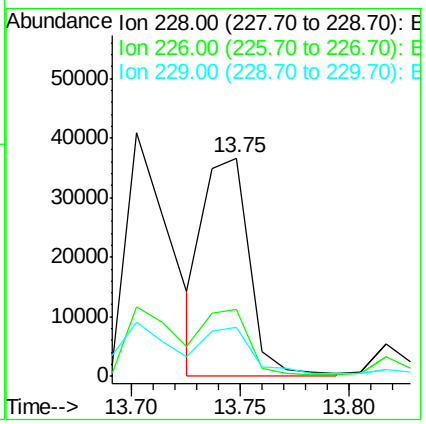


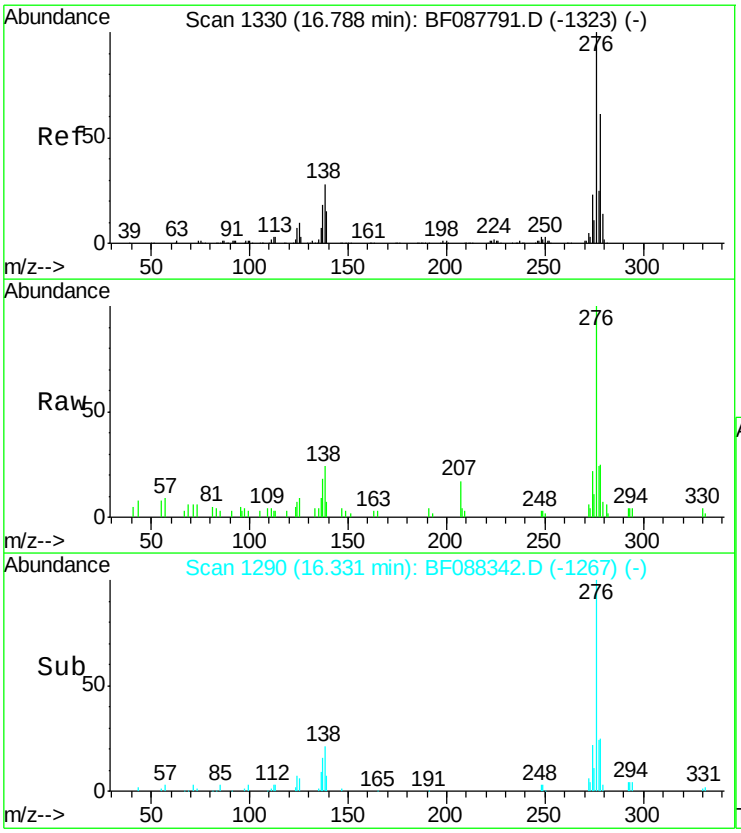
#82
Chrysene
Concen: 5.50 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion:228 Resp: 53527

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	22.4	16.3	24.5

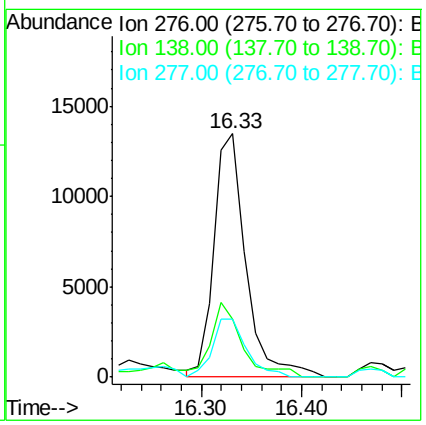


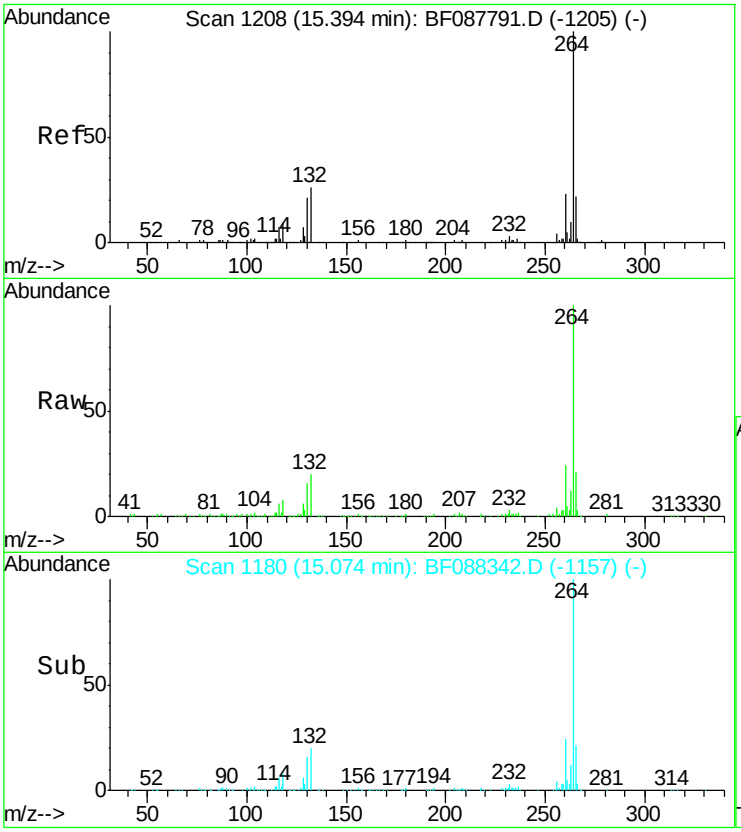


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.28 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion:276 Resp: 29700

Ion	Ratio	Lower	Upper
276	100		
138	30.0	0.0	0.0#
277	25.6	0.0	0.0#



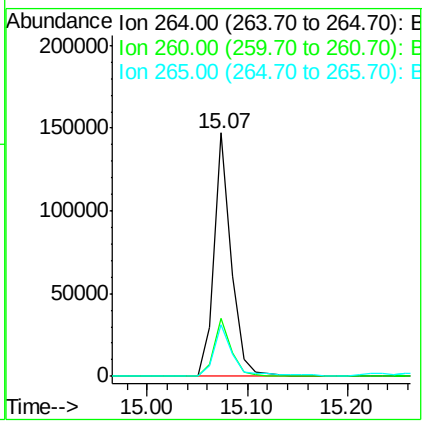


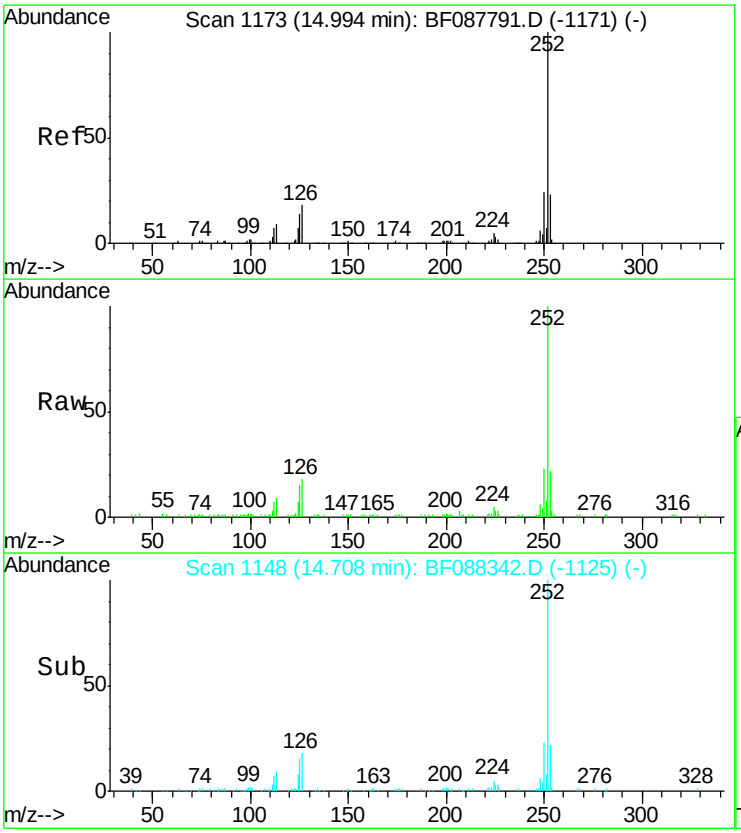
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion:264 Resp: 174865

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	16.9	25.3

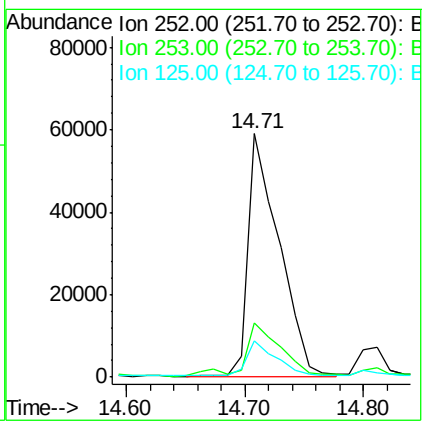


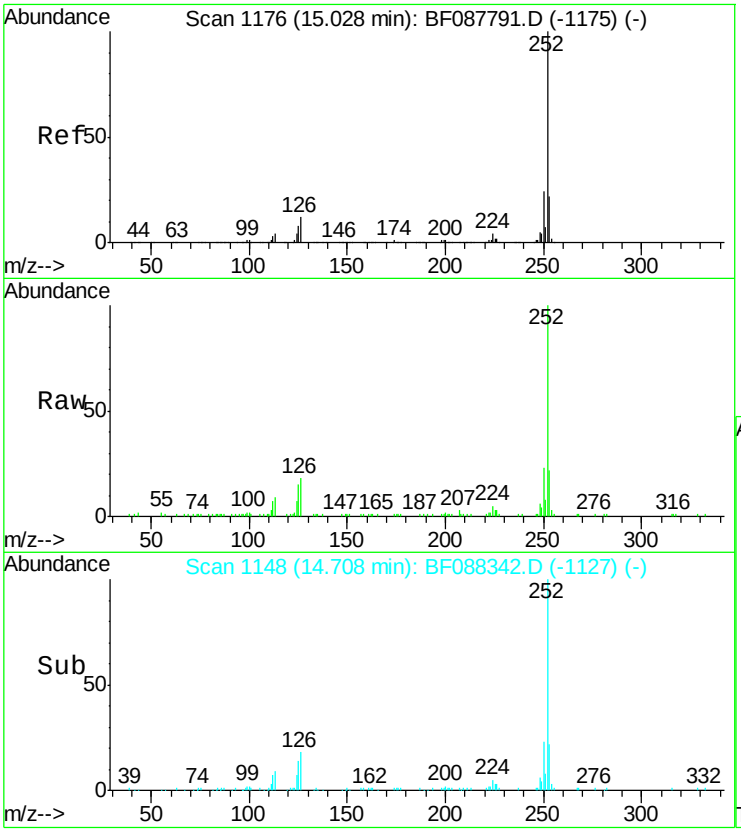


#87
Benzo(b)fluoranthene
Concen: 8.92 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion:252 Resp: 108699

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	15.1	7.1	10.7#



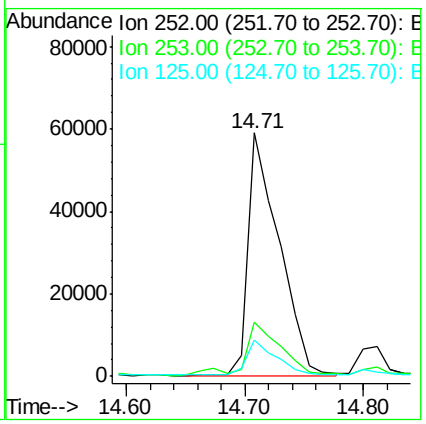


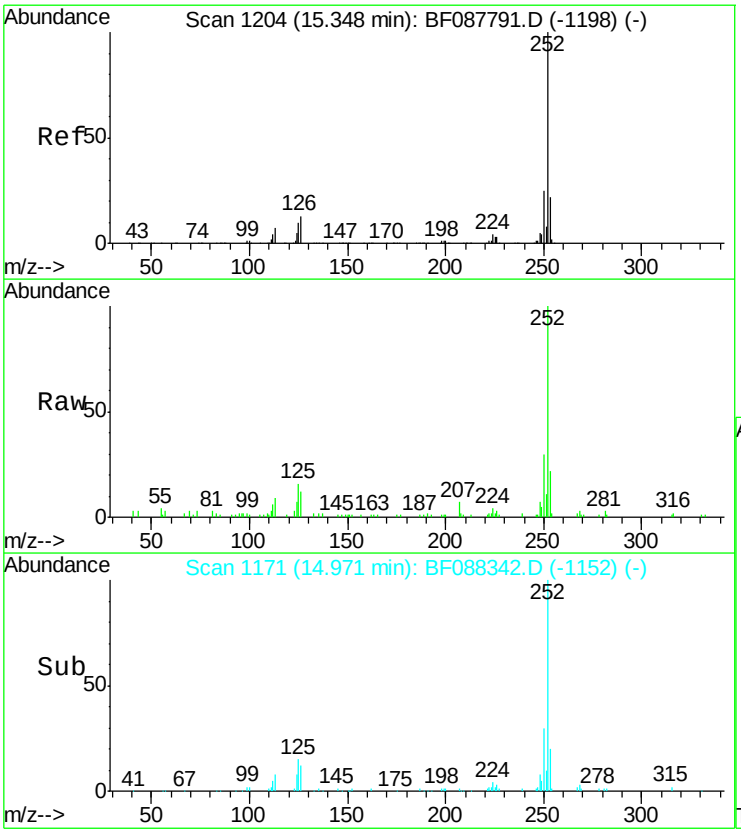
#88
Benzo(k)fluoranthene
Concen: 11.82 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion:252 Resp: 108699

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	15.1	11.2	16.8

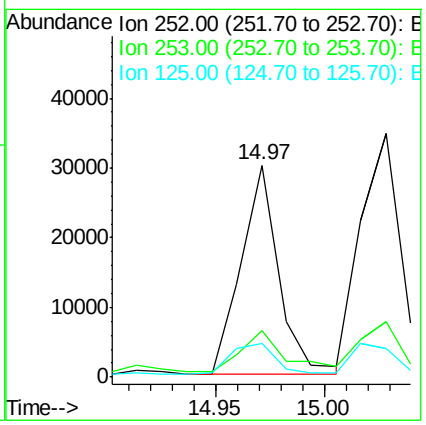


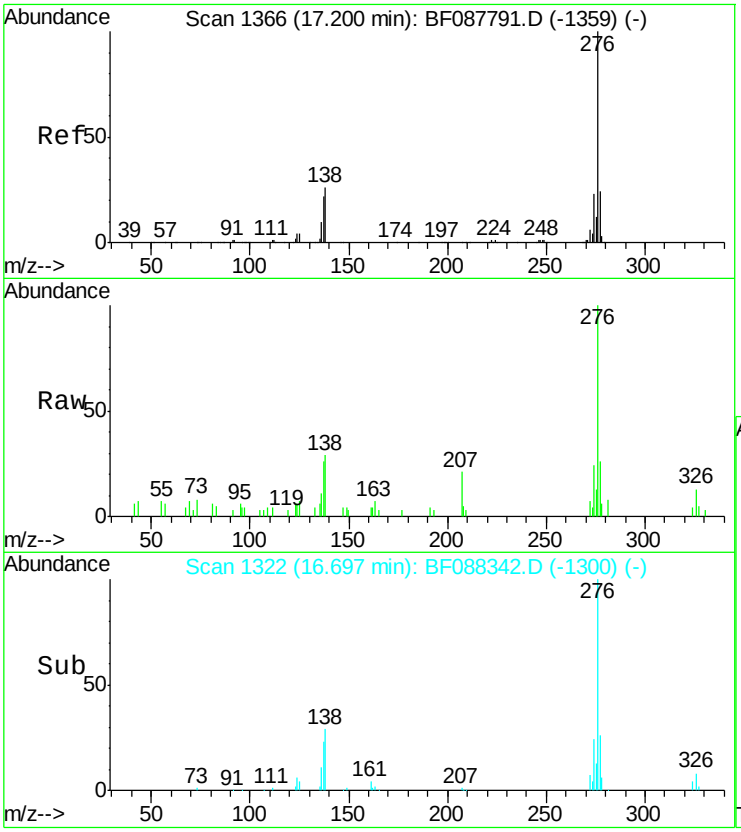


#89
Benzo(a)pyrene
Concen: 3.66 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.08 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion:252 Resp: 36067

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	15.6	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 2.73 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion:276 Resp: 25727

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.9	28.3
138	28.5	21.4	32.2