Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084362.D
Acq On : 10 Jan 2016 13:59
Operator : SJ/UM
Sample : H1043-09 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 11 00:19:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	284094	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1145699	20.00	ng		-0.05
38) Acenaphthene-d10	9.89	164	485365	20.00	ng		-0.06
63) Phenanthrene-d10	11.38	188	865240	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	536238	20.00	ng		-0.05
86) Perylene-d12	15.45	264	467149	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	513492	29.24	ng		-0.03
7) Phenol-d6	6.50	99	683524	30.99	ng		-0.03
23) Nitrobenzene-d5	7.41	82	387496	18.82	ng		-0.06
41) 2,4,6-Tribromophenol	10.68	330	139900	28.55	ng		-0.06
44) 2-Fluorobiphenyl	9.22	172	713110	21.09	ng		-0.05
78) Terphenyl-d14	12.97	244	494840	20.60	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	52889	3.54	ng	#	66
32) Benzoic acid	7.89	122	226	6.26	ng	#	1
49) Dimethylphthalate	9.62	163	165446	4.77	ng	#	90
50) 2,6-Dinitrotoluene	9.89	165	64704	8.50	ng	#	37
54) Dibenzofuran	10.10	168	7198	Below Cal		#	95
56) 2,4-Dinitrotoluene	9.89	165	65203	6.77	ng	#	21
57) Fluorene	10.44	166	12750	Below Cal		#	98
64) 4,6-Dinitro-2-methylphenol	10.68	198	367	6.48	ng	#	1
70) Phenanthrene	11.40	178	200387	4.43	ng		100
71) Anthracene	11.40	178	200387	4.52	ng		99
73) Di-n-butylphthalate	11.95	149	10814	Below Cal		#	96
74) Fluoranthene	12.59	202	250994	5.31	ng		99
77) Pyrene	12.82	202	207583	4.93	ng		98
80) Benzo(a)anthracene	14.04	228	126809	4.03	ng		96
82) Chrysene	14.04	228	126809	4.19	ng		98
87) Benzo(b)fluoranthene	15.04	252	116086	3.80	ng	#	91
88) Benzo(k)fluoranthene	15.04	252	116086	4.64	ng	#	94

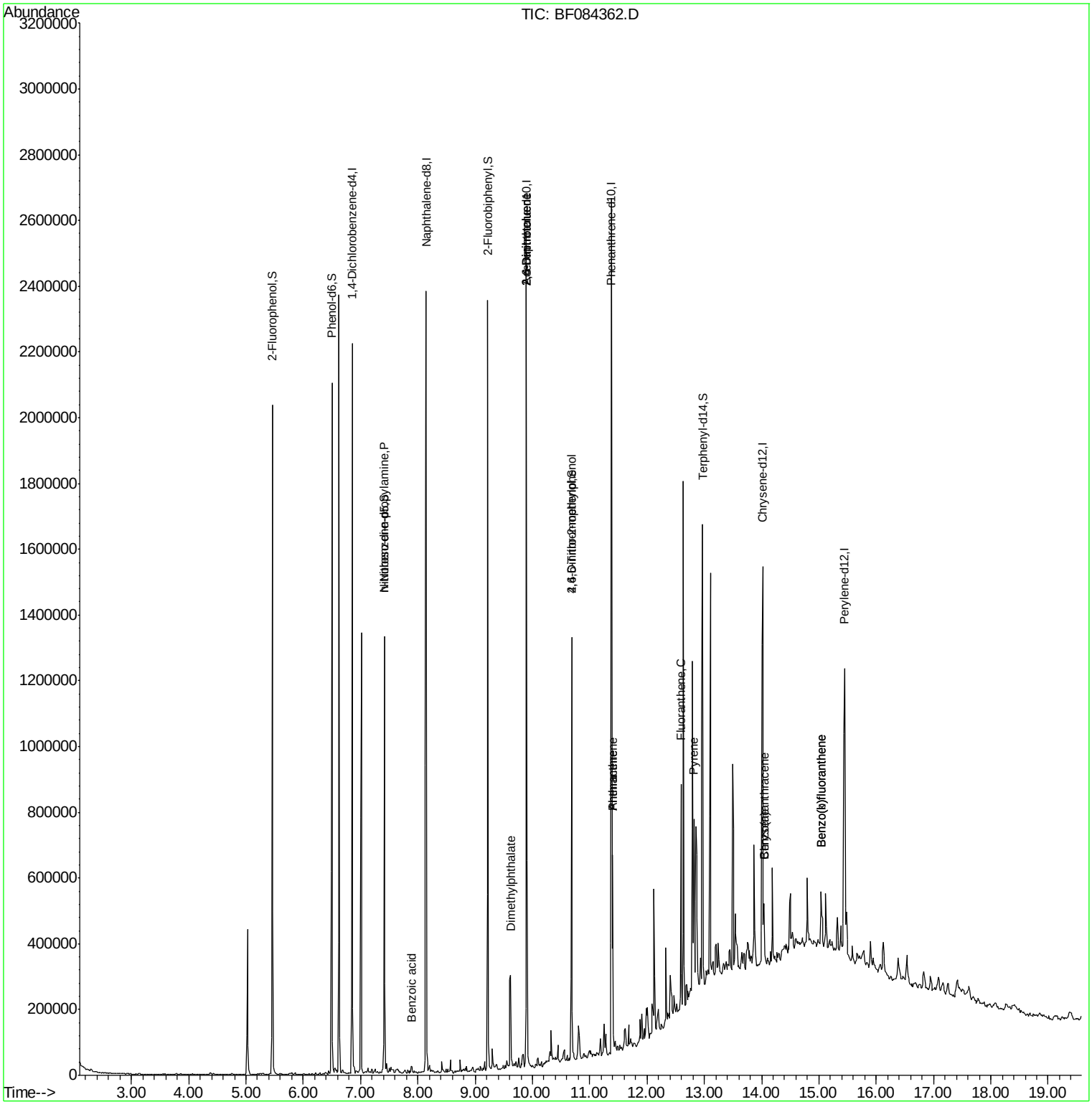
(#) = qualifier out of range (m) = manual integration (+) = signals summed

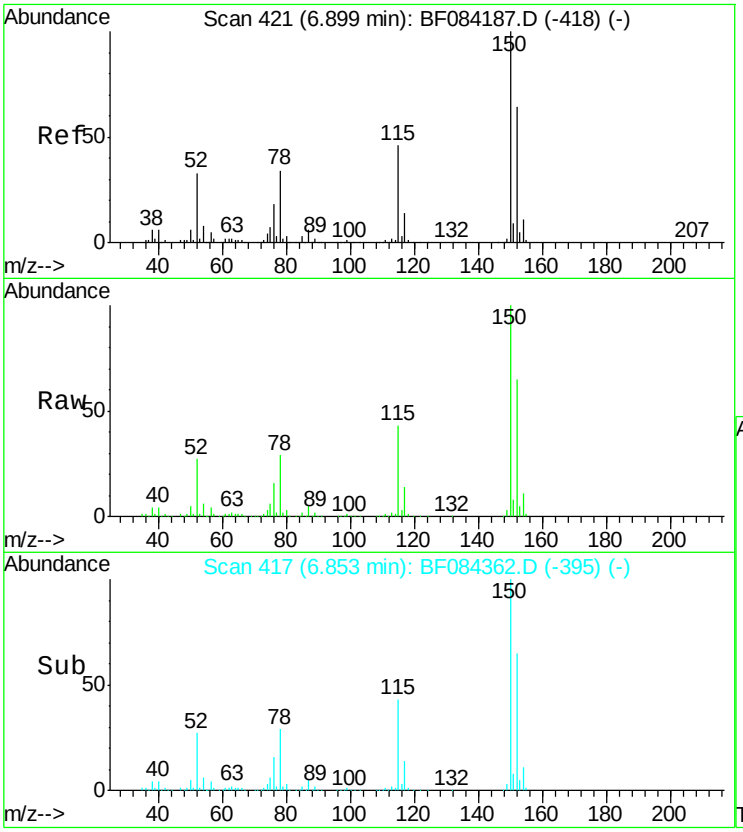
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084362.D
Acq On : 10 Jan 2016 13:59
Operator : SJ/UM
Sample : H1043-09 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 00:19:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



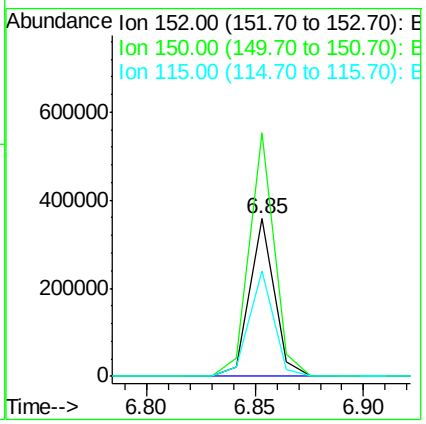


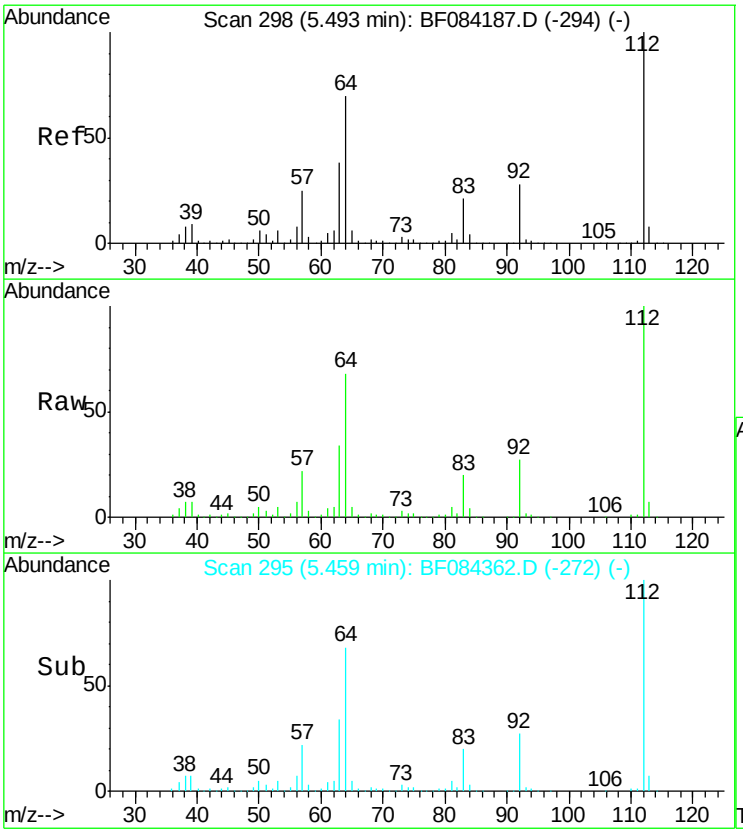
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 284094

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.0	184.4
115	66.7	51.4	77.2

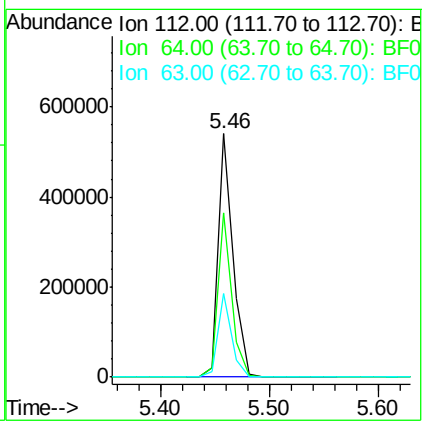


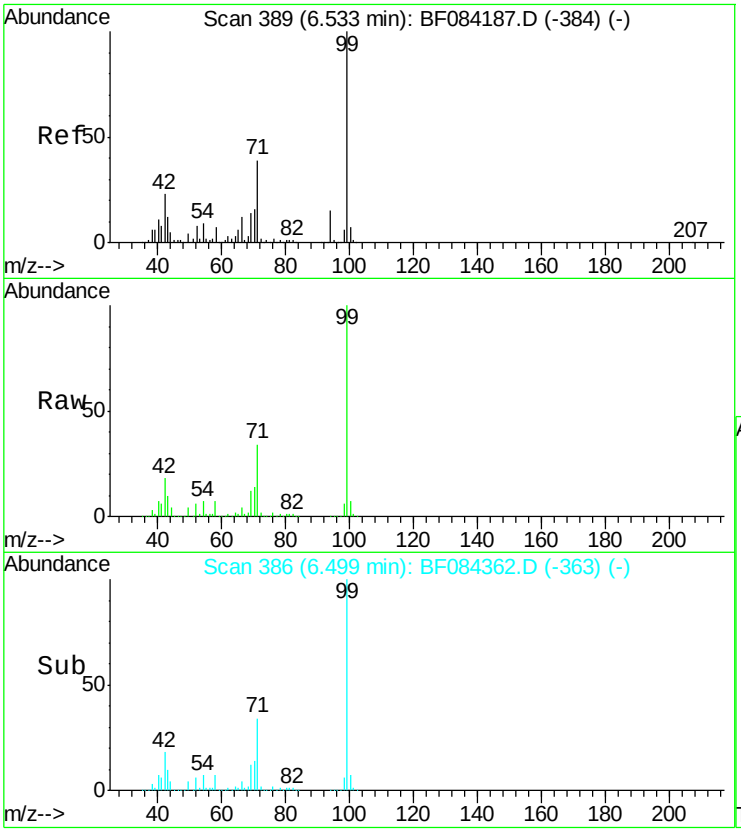


#5
2-Fluorophenol
Concen: 29.24 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.03 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:112 Resp: 513492

Ion	Ratio	Lower	Upper
112	100		
64	67.6	36.6	55.0#
63	34.4	19.4	29.0#



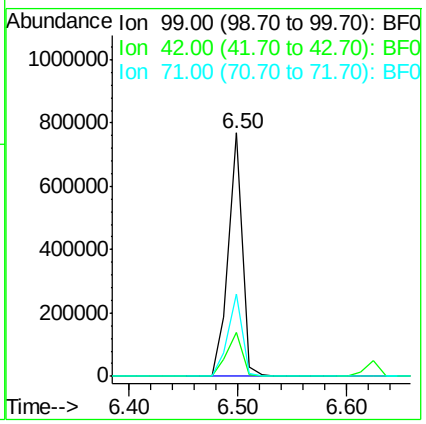


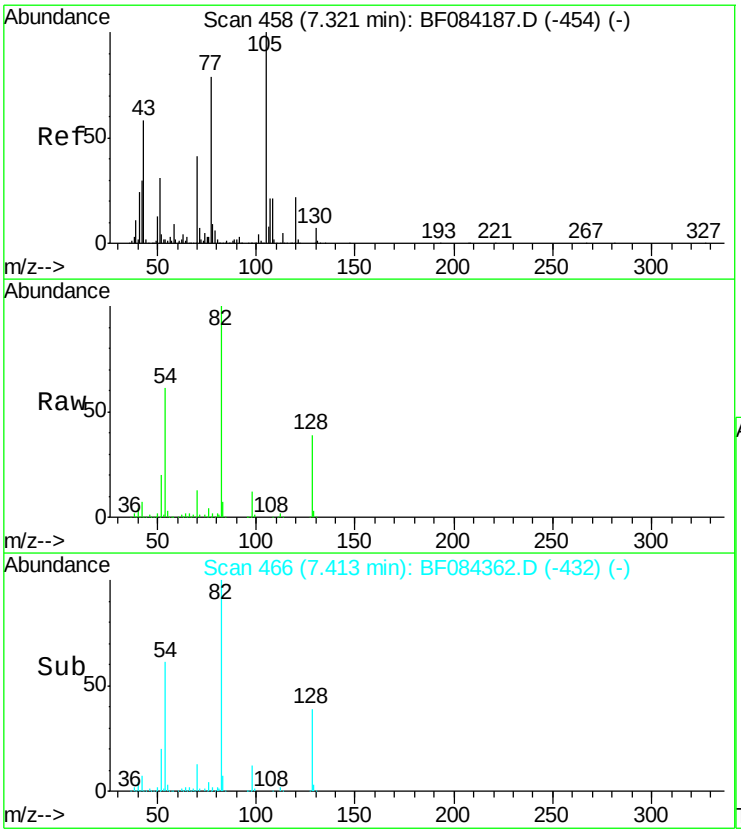
#7
Phenol-d6
Concen: 30.99 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.03 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 683524

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.8	19.2
71	33.7	30.9	46.3

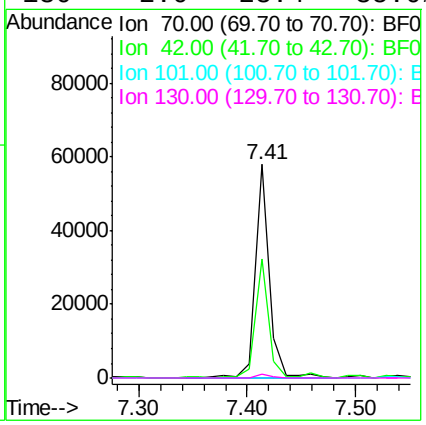


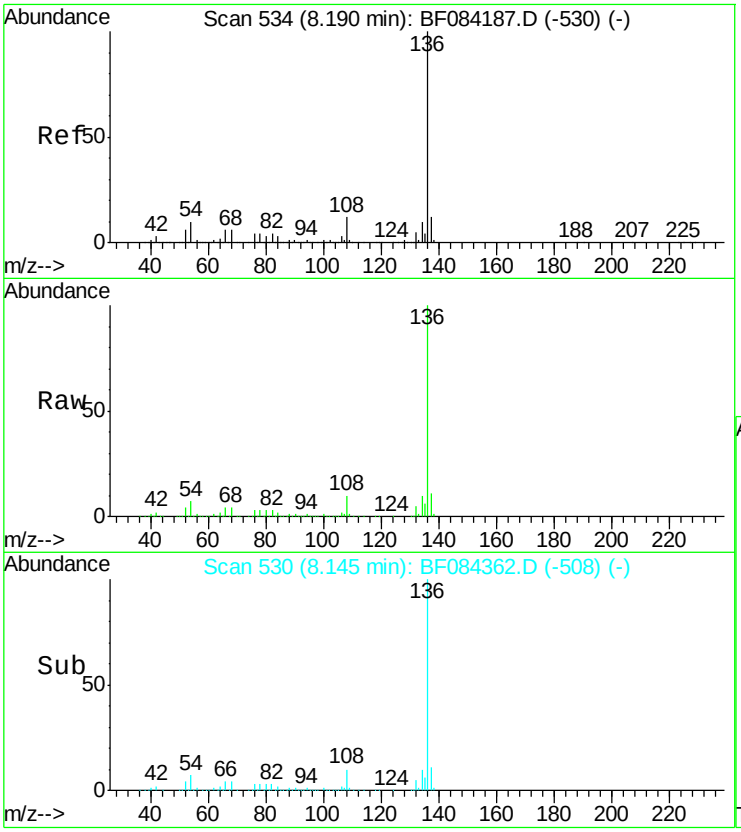


#19
n-Nitroso-di-n-propylamine
Concen: 3.54 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.09 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion: 70 Resp: 52889

Ion	Ratio	Lower	Upper
70	100		
42	56.0	33.3	49.9#
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



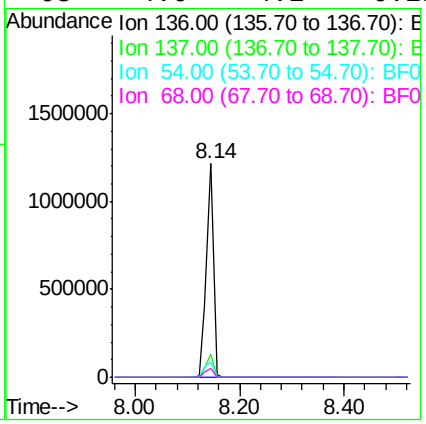


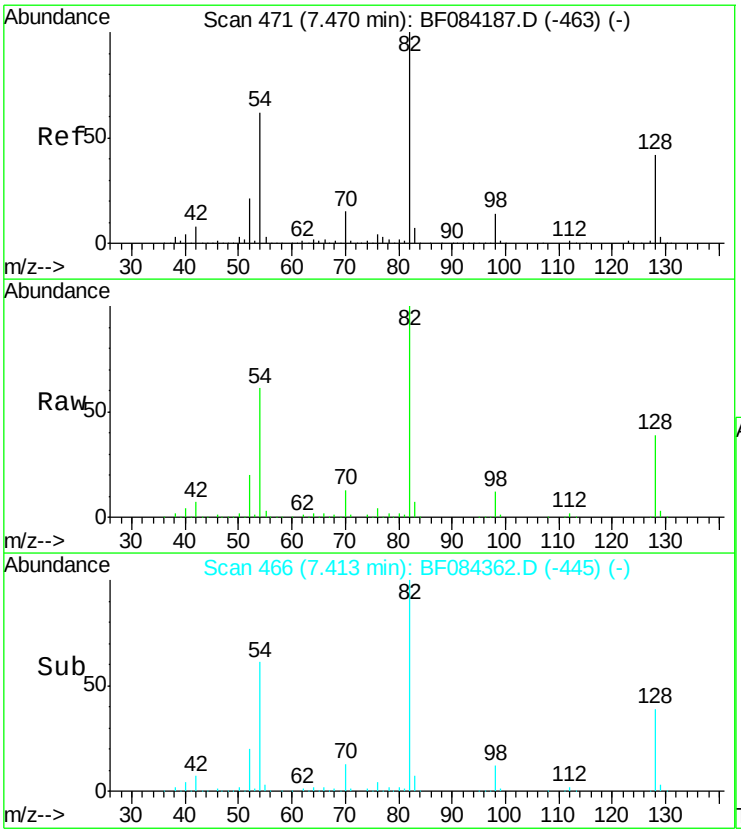
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1145699

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.2	5.8	8.8
68	4.0	4.2	6.2#

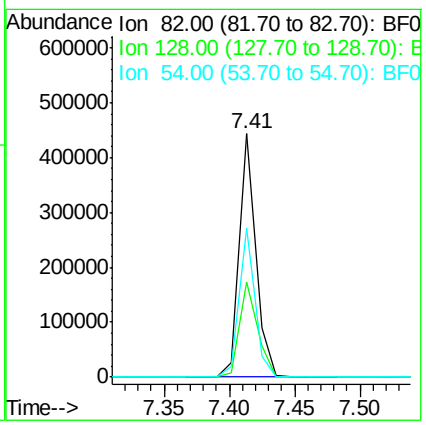


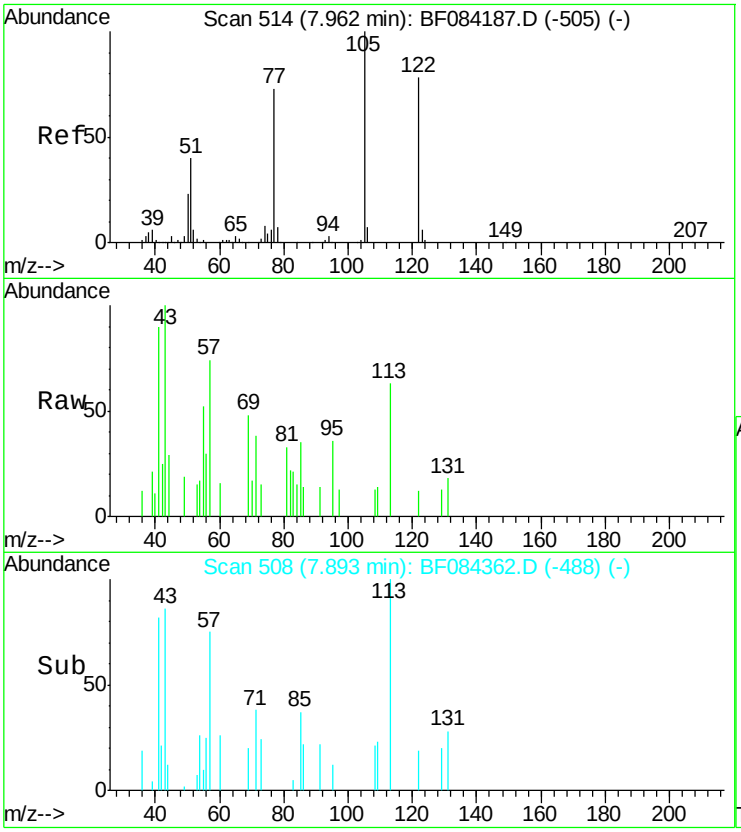


#23
Nitrobenzene-d5
Concen: 18.82 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion: 82 Resp: 387496

Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.6	51.8
54	61.0	38.4	57.6#



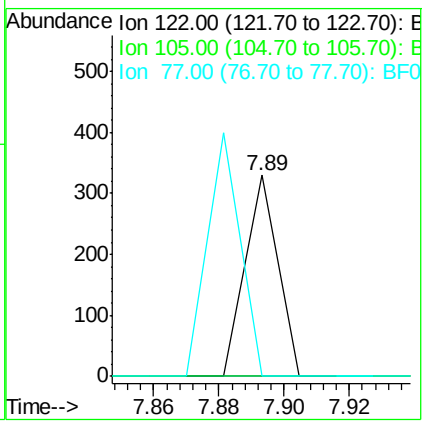


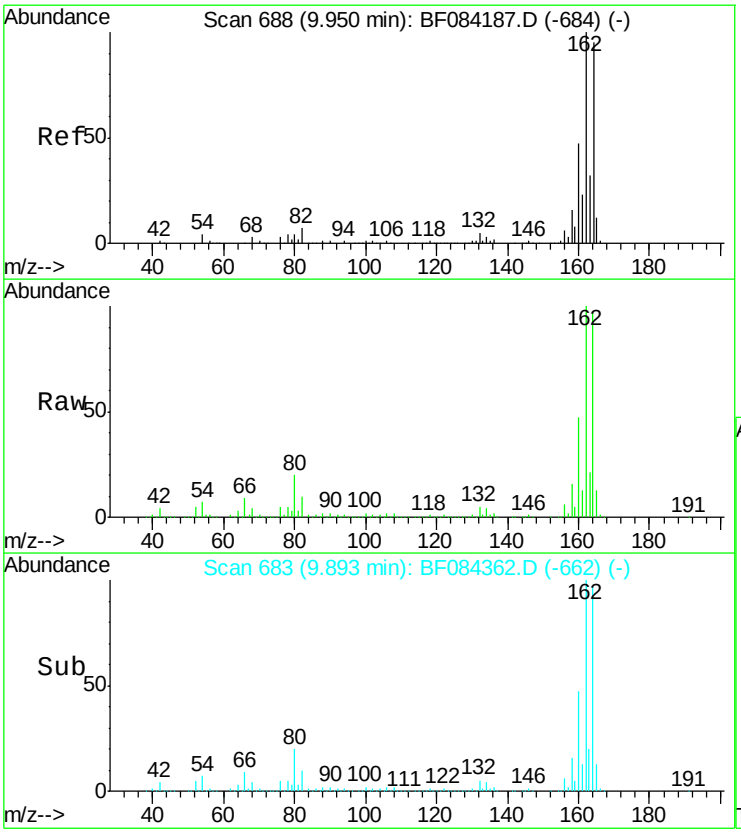
#32
Benzoic acid
Concen: 6.26 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.07 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 226

Ion	Ratio	Lower	Upper
122	100		
105	0.0	100.3	140.3#
77	0.0	63.5	103.5#

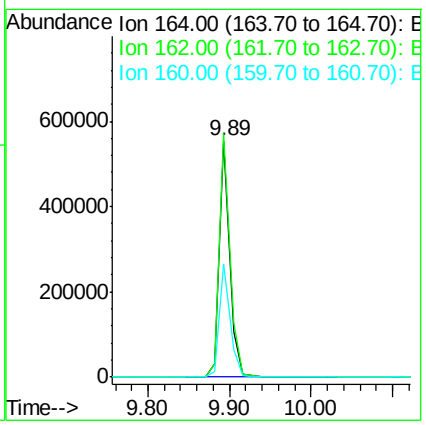


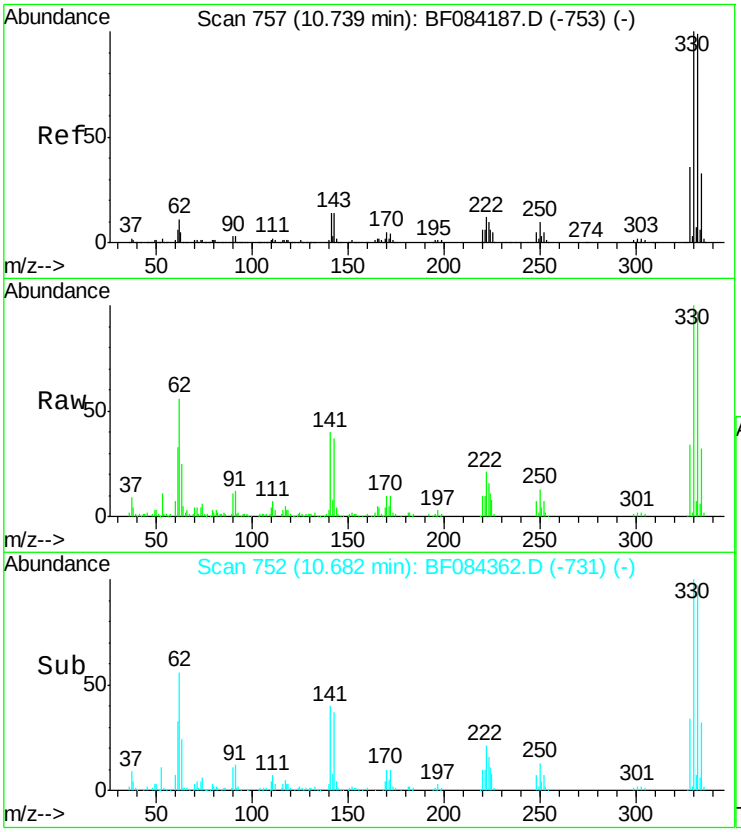


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:164 Resp: 485365

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	48.1	37.5	56.3



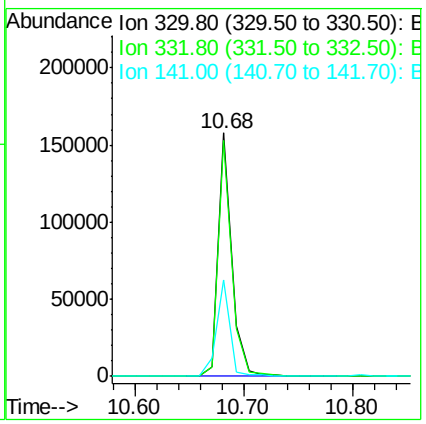


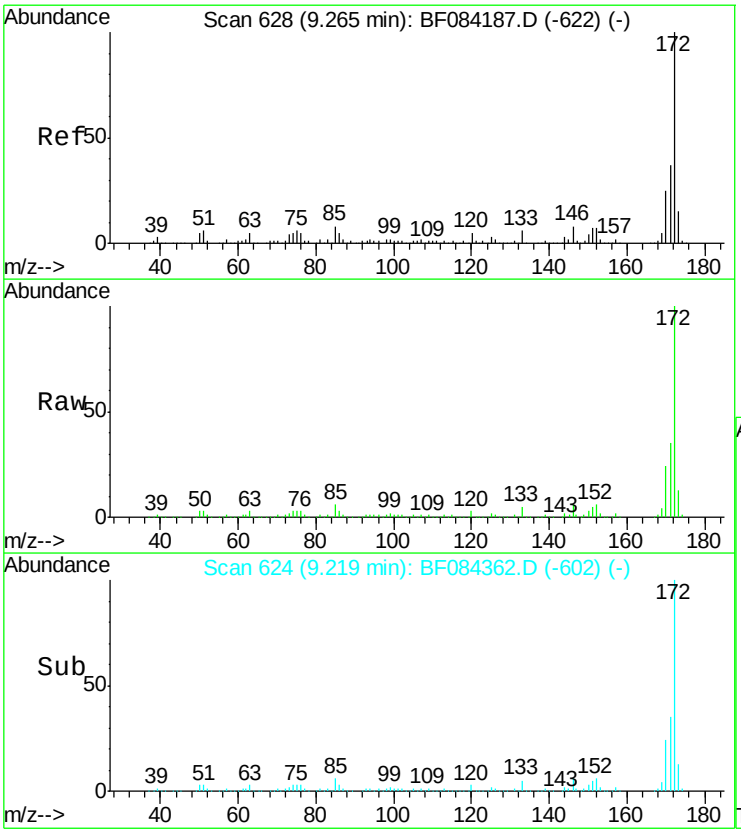
#41
2,4,6-Tribromophenol
Concen: 28.55 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 139900

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	39.8	27.8	41.6

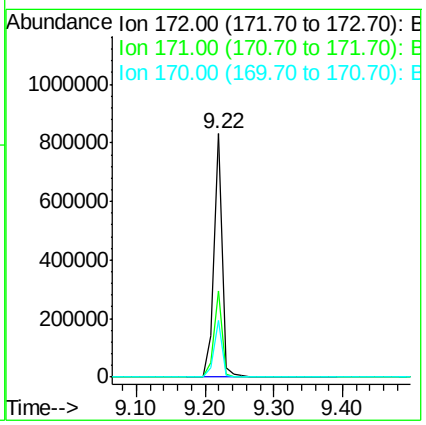


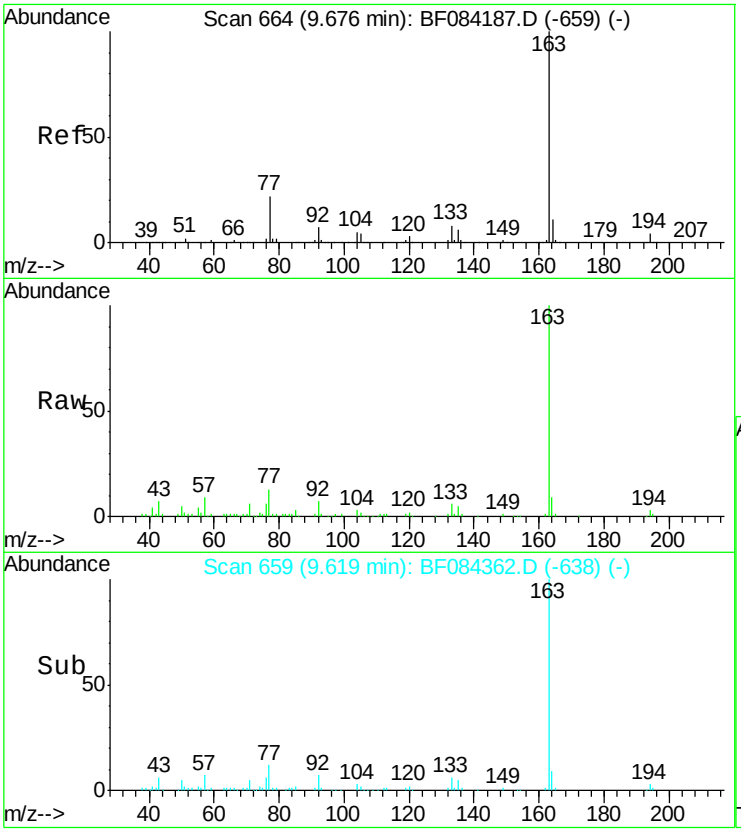


#44
2-Fluorobiphenyl
Concen: 21.09 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:172 Resp: 713110

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.5	18.6	27.8



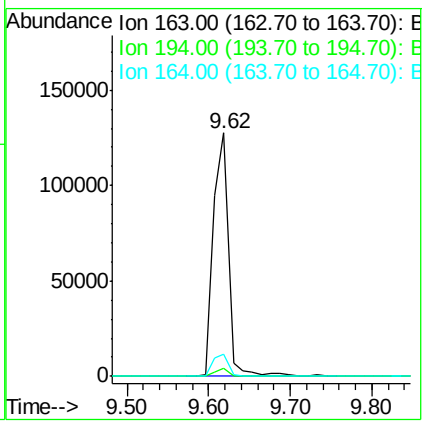


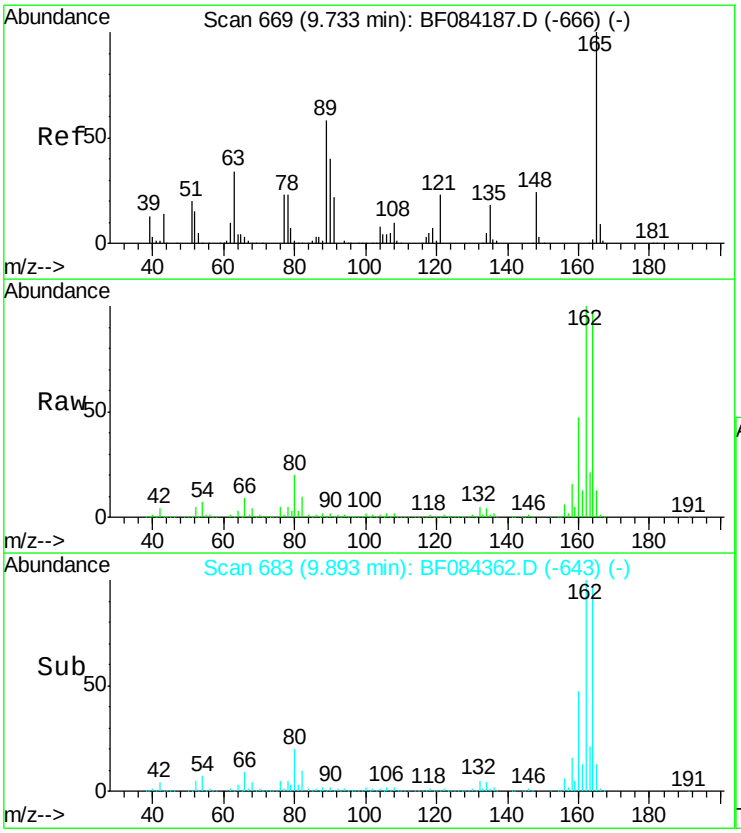
#49
Dimethylphthalate
Concen: 4.77 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 165446

Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	9.2	8.0	12.0

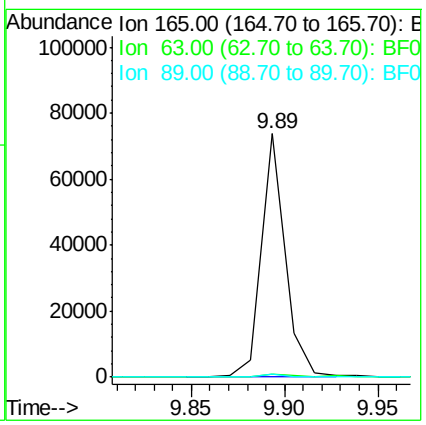


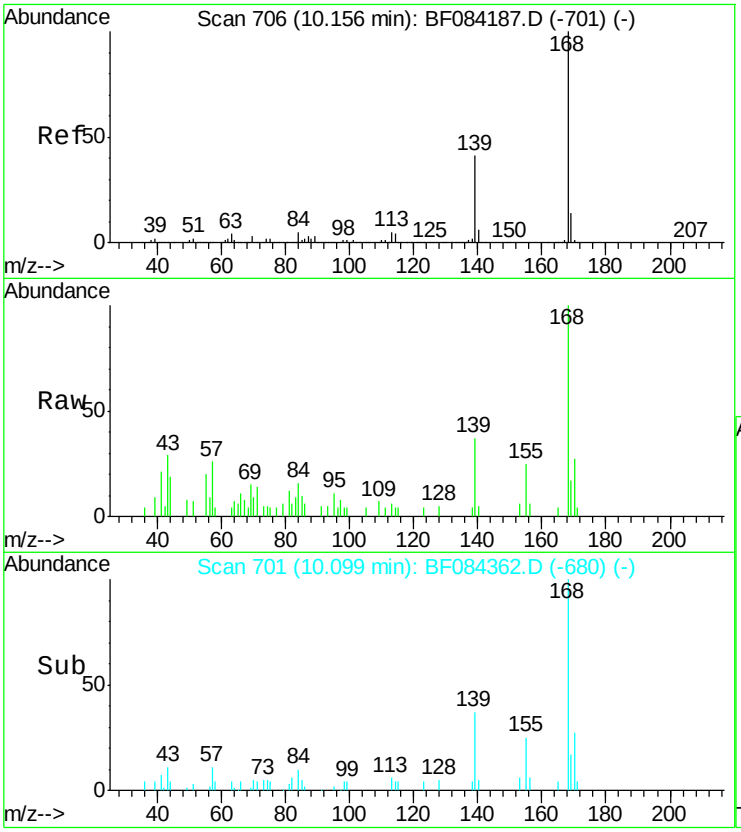


#50
2,6-Dinitrotoluene
Concen: 8.50 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.16 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:165 Resp: 64704

Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.8	43.2#
89	1.1	35.1	52.7#



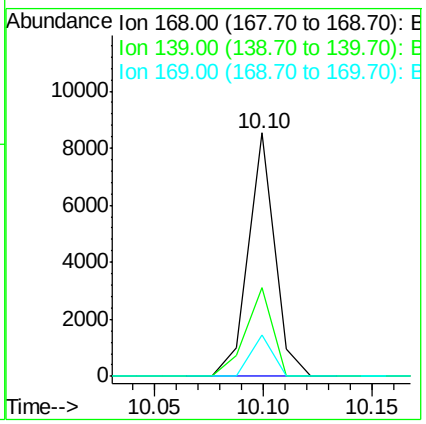


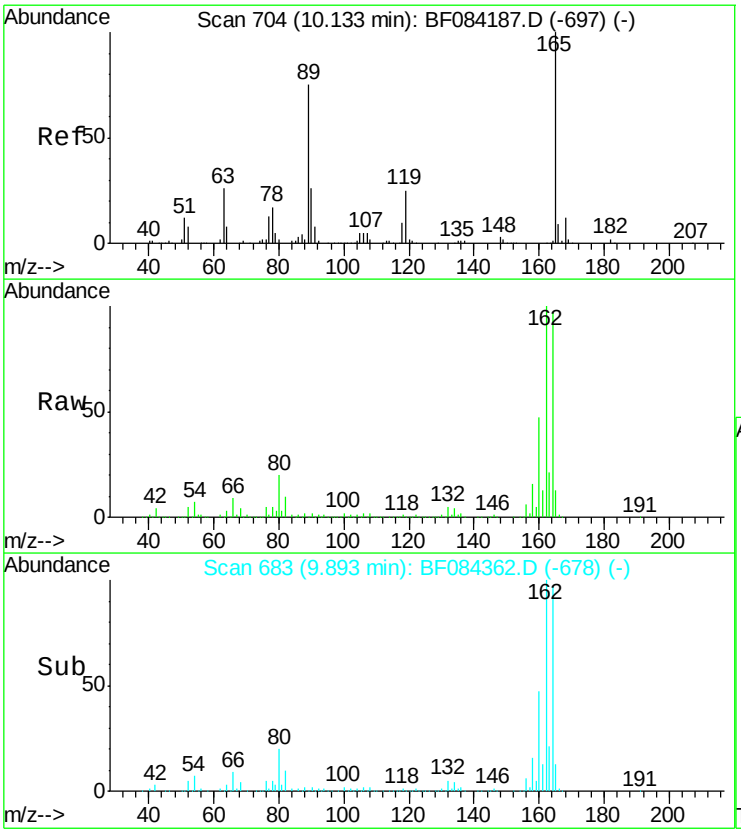
#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 7198

Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.5	45.7
169	17.1	10.4	15.6#

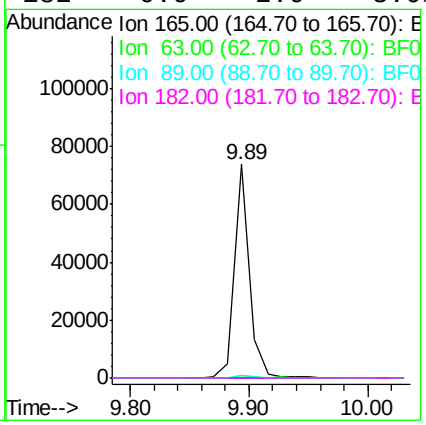


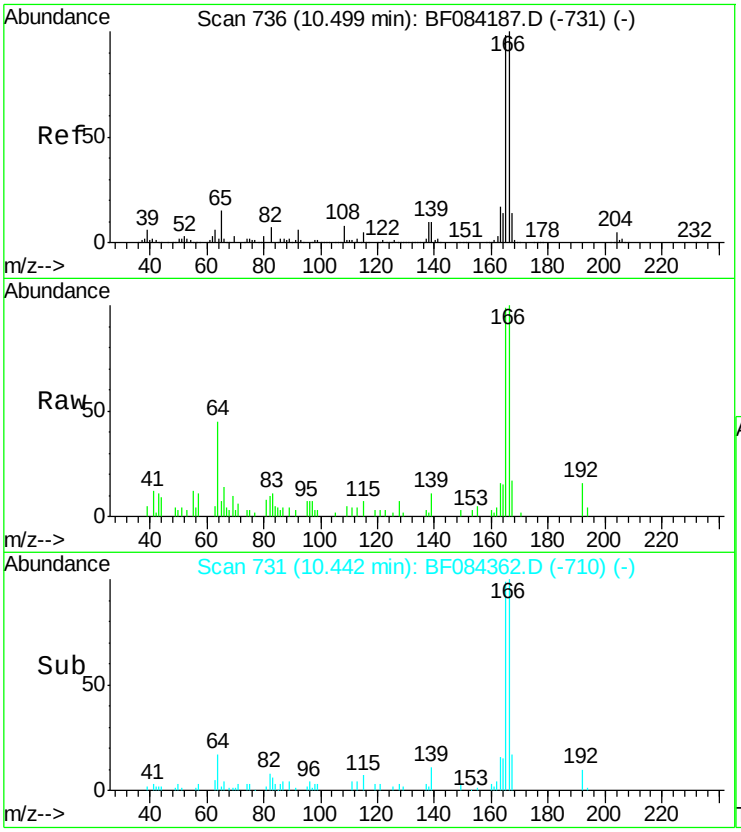


#56
2,4-Dinitrotoluene
Concen: 6.77 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:165 Resp: 65203

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.1	61.9	92.9#
182	0.0	2.0	3.0#



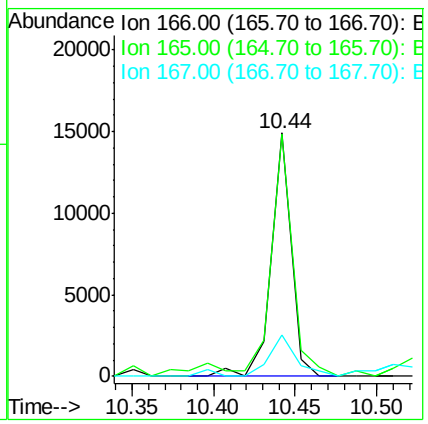


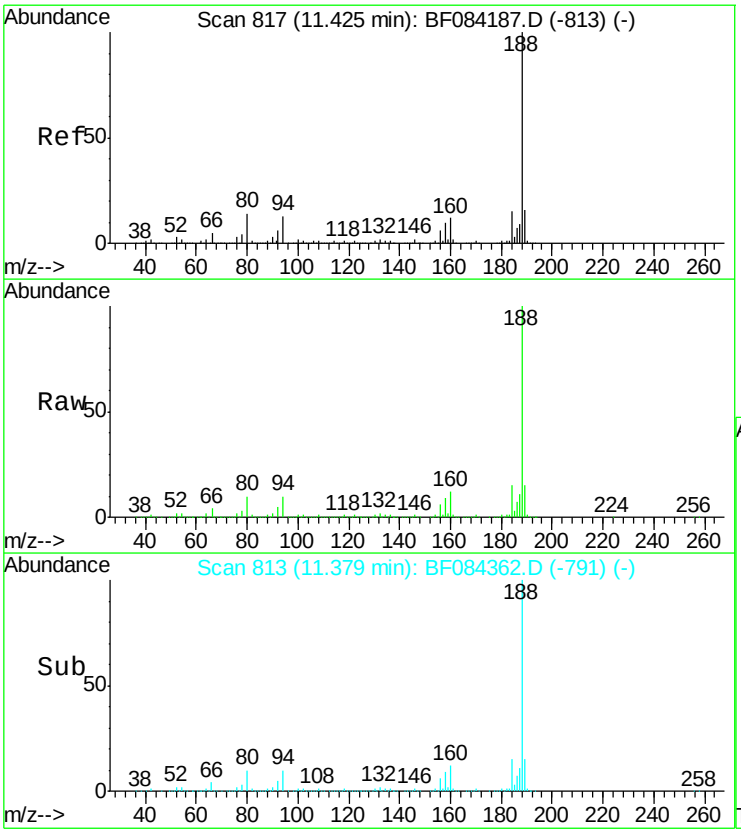
#57
Fluorene
Concen: Below Cal
RT: 10.44 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 12750

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.1	118.7
167	16.9	10.4	15.6#

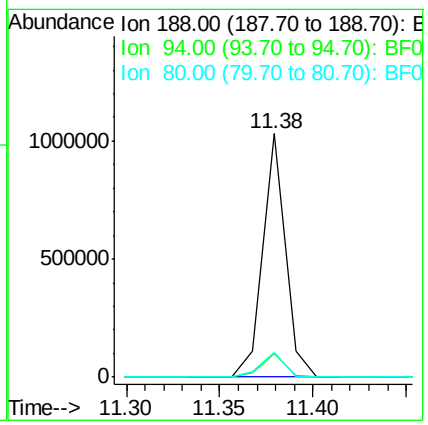


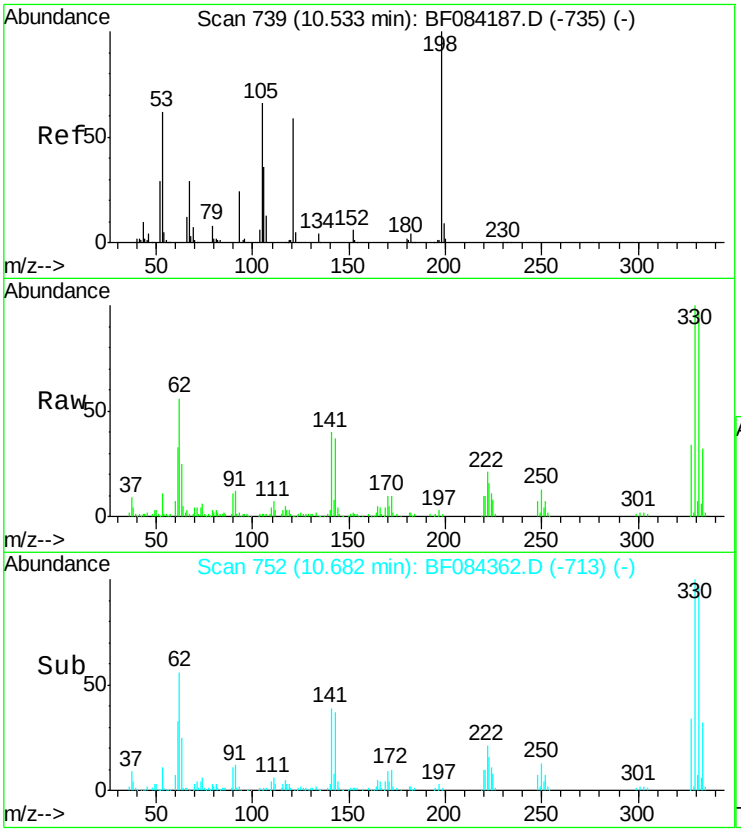


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:188 Resp: 865240

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.1	9.6	14.4



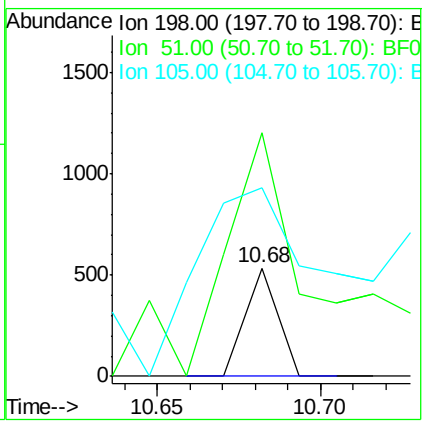


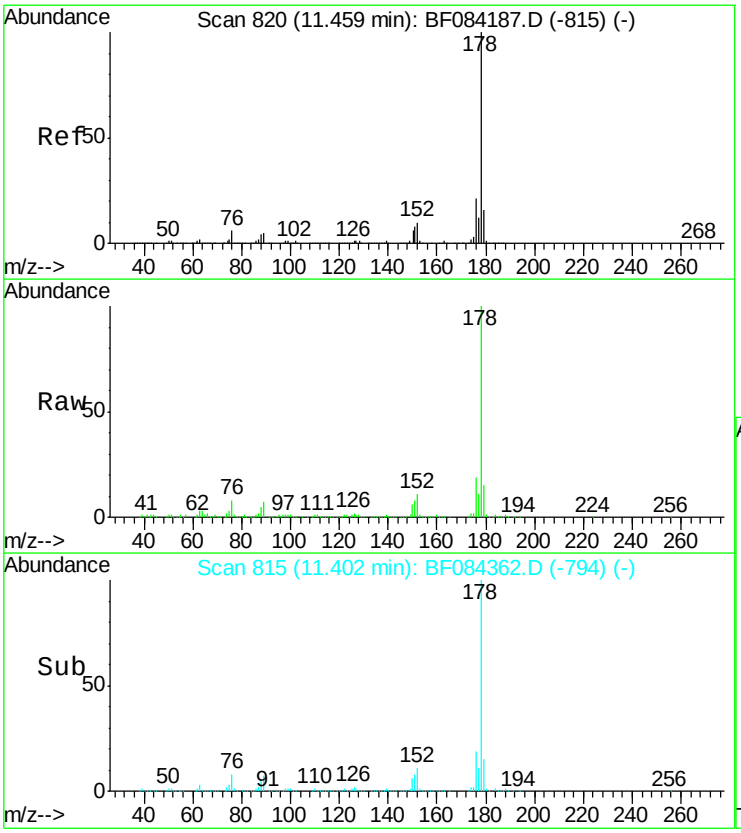
#64
4,6-Dinitro-2-methylphenol
Concen: 6.48 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.15 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 367

Ion	Ratio	Lower	Upper
198	100		
51	224.7	18.9	58.9#
105	174.2	26.4	66.4#

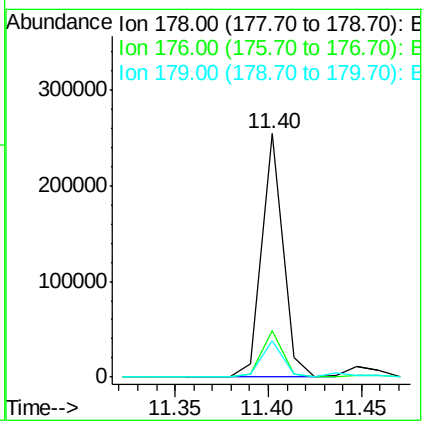


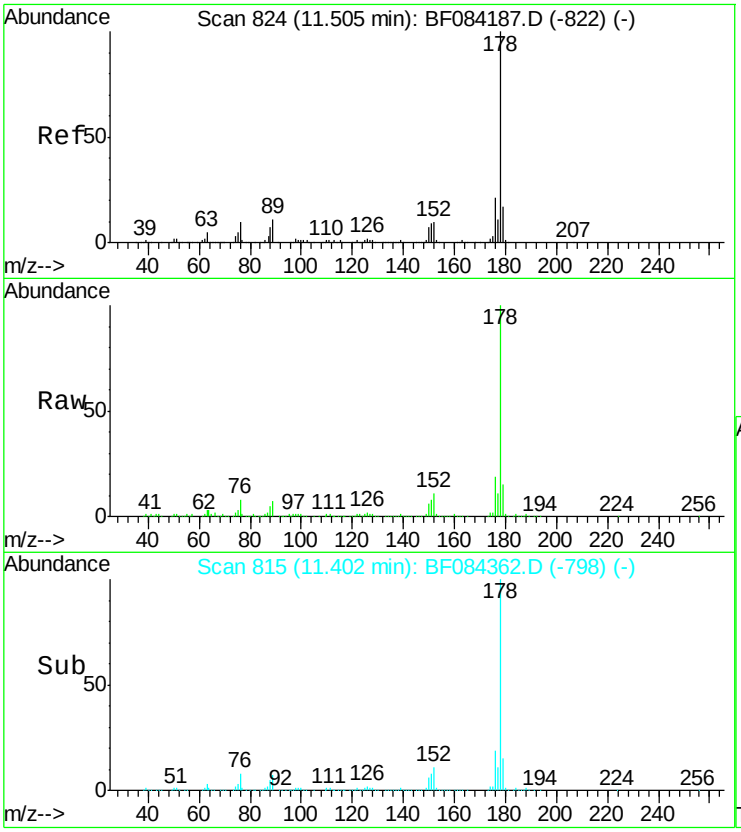


#70
Phenanthrene
Concen: 4.43 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:178 Resp: 200387

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.0	12.0	18.0



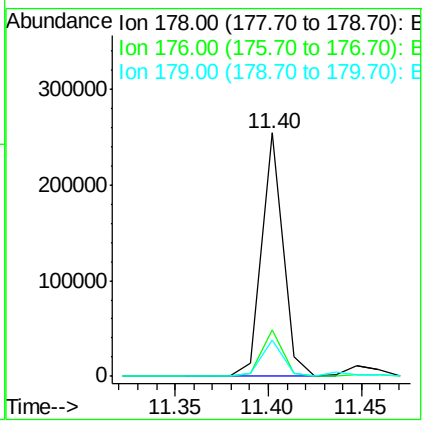


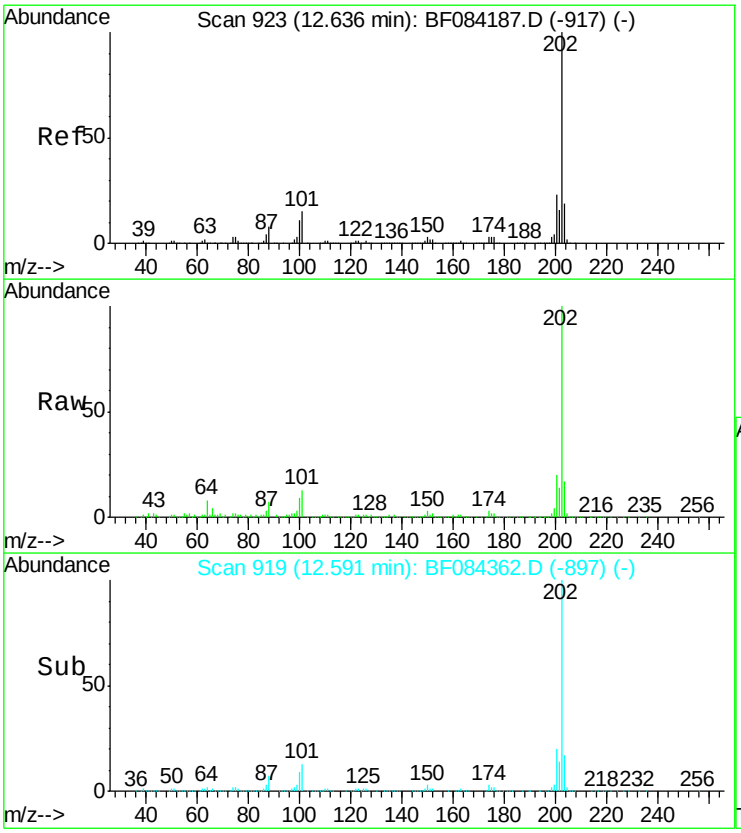
#71
Anthracene
Concen: 4.52 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.10 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 200387

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.0	12.5	18.7

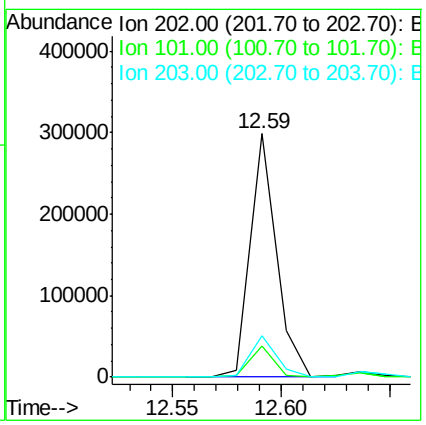


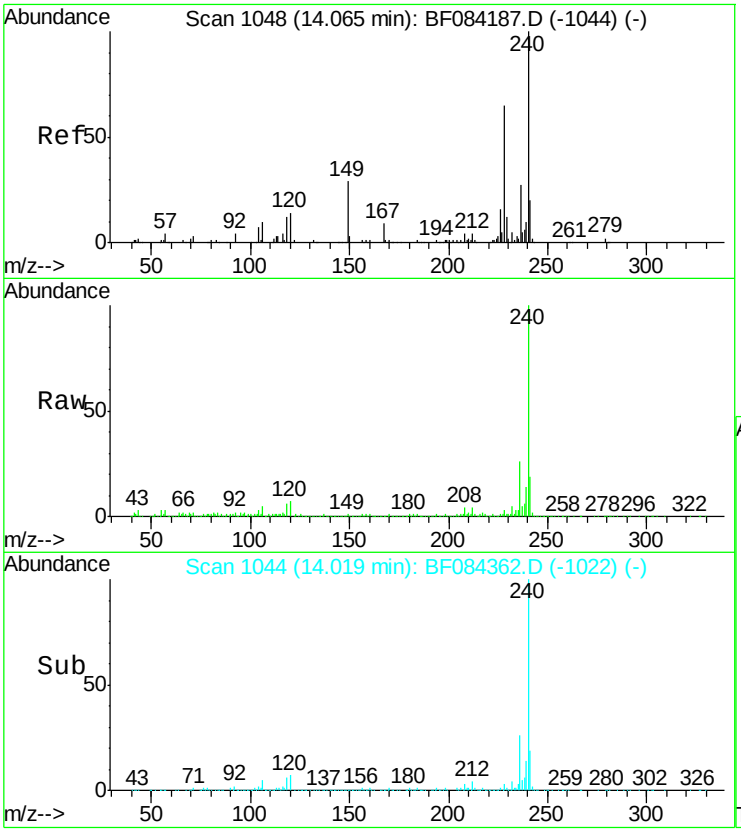


#74
Fluoranthene
Concen: 5.31 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:202 Resp: 250994

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.8
203	17.1	0.0	37.9



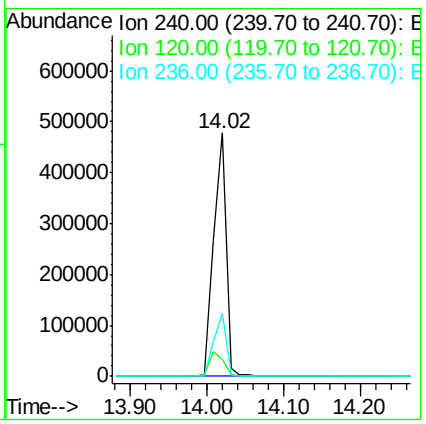


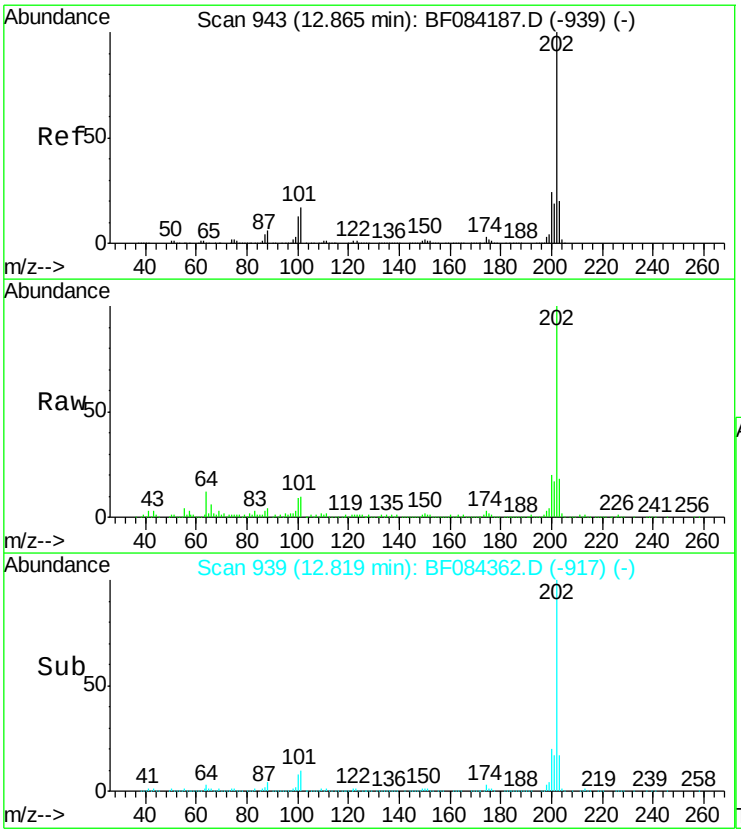
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 536238

Ion	Ratio	Lower	Upper
240	100		
120	7.0	9.5	14.3#
236	25.8	20.6	31.0

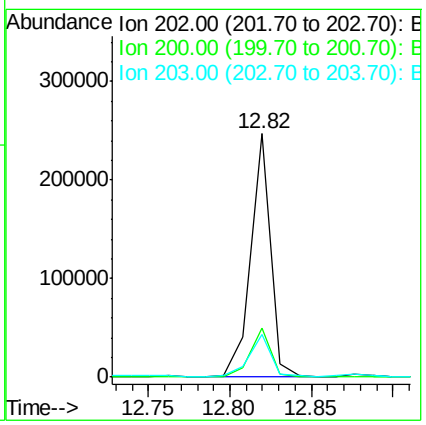


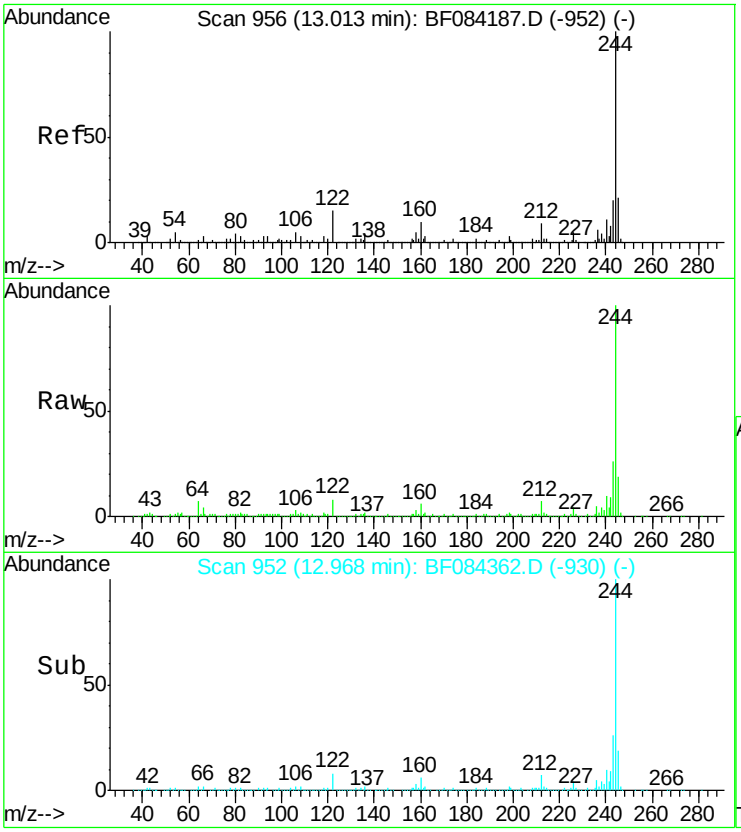


#77
Pyrene
Concen: 4.93 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:202 Resp: 207583

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.2	25.8
203	17.6	14.3	21.5



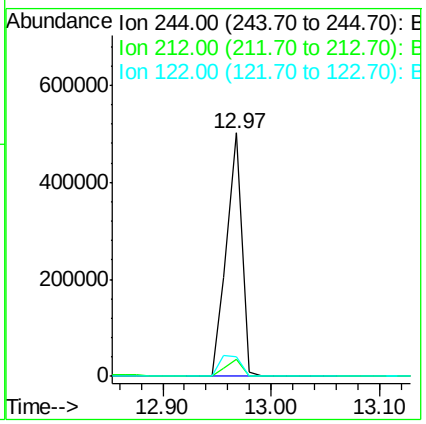


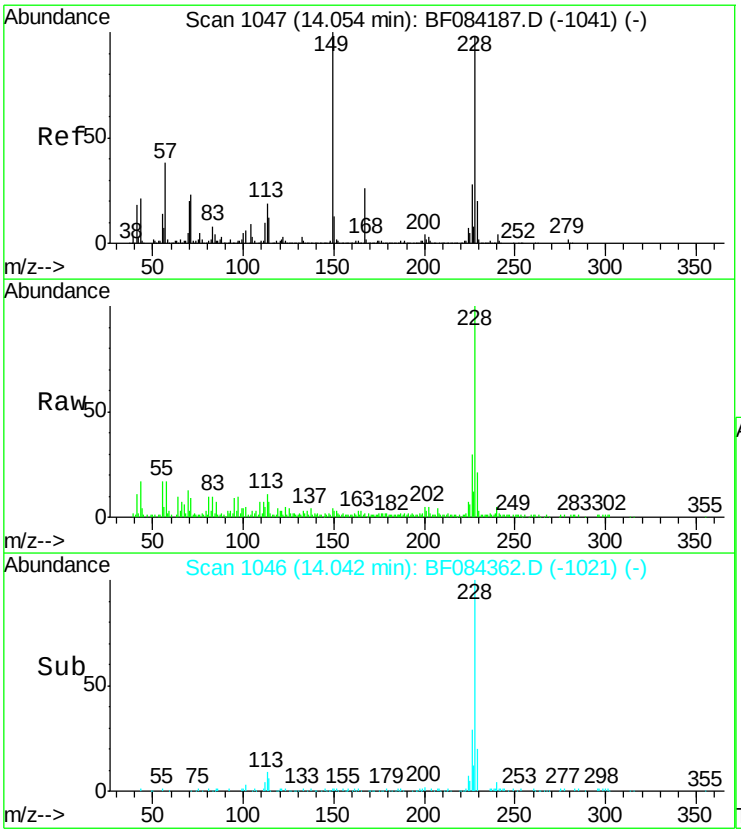
#78
Terphenyl-d14
Concen: 20.60 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 494840

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.9	7.4	11.0

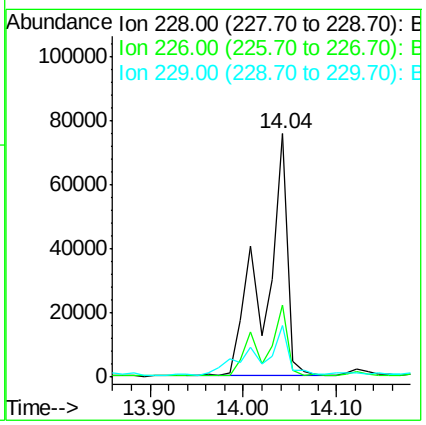


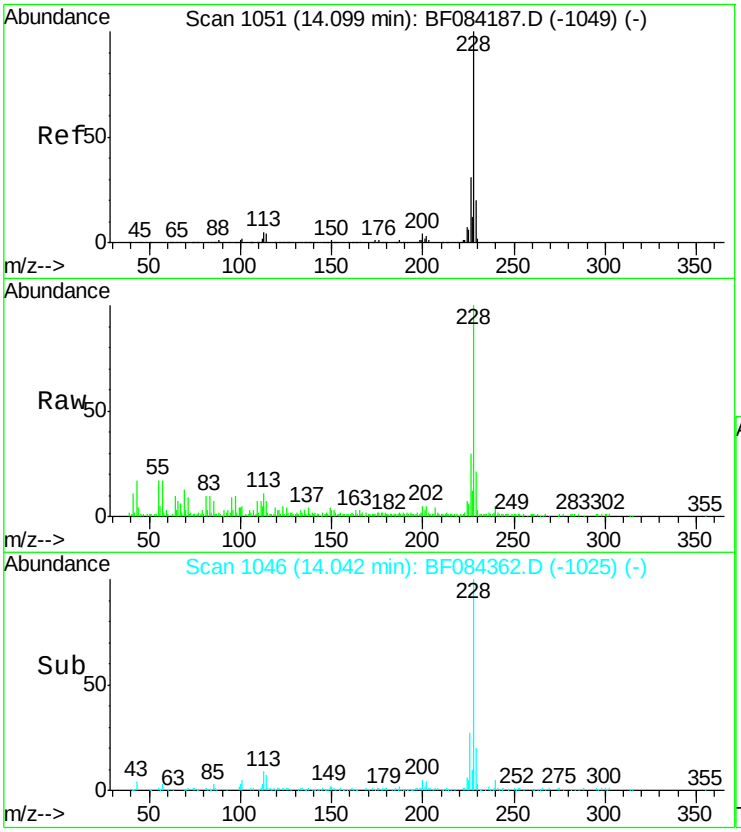


#80
Benzo(a)anthracene
Concen: 4.03 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:228 Resp: 126809

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.8	32.6
229	21.0	15.8	23.8



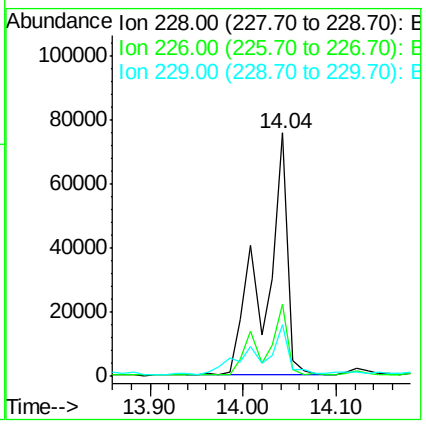


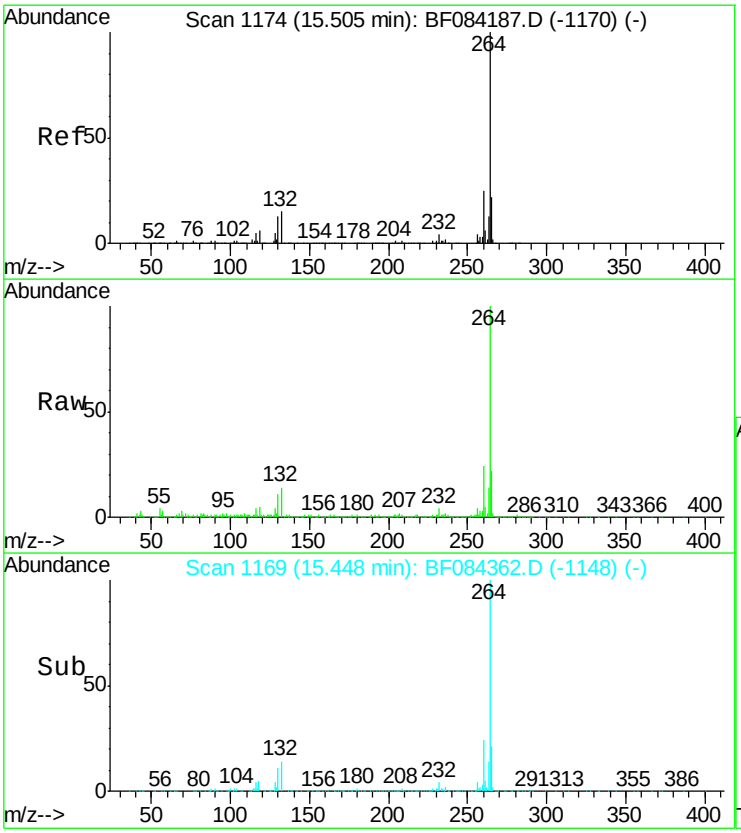
#82
Chrysene
Concen: 4.19 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 126809

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	21.0	16.1	24.1

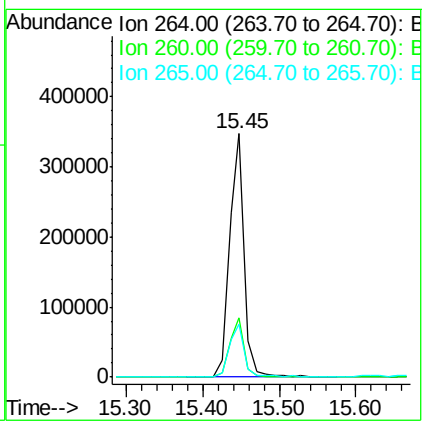


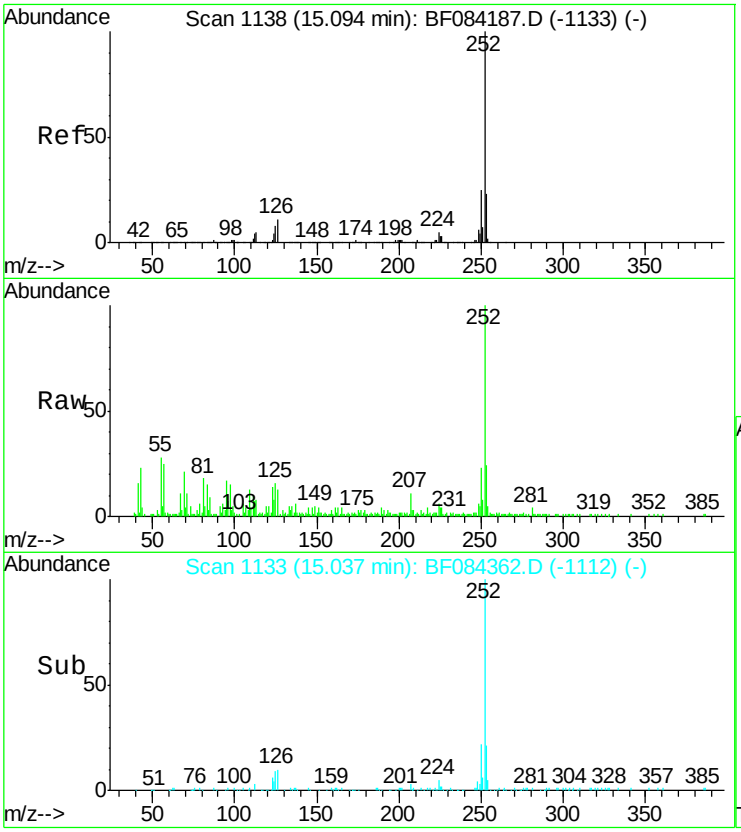


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:264 Resp: 467149

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.5	17.8	26.6



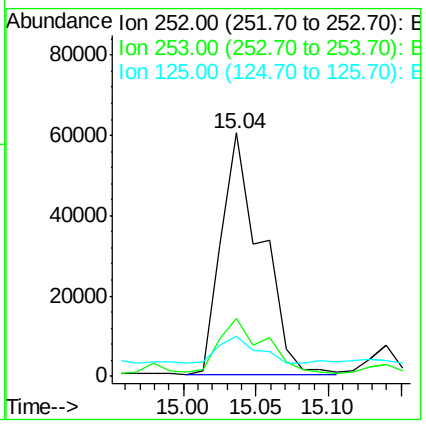


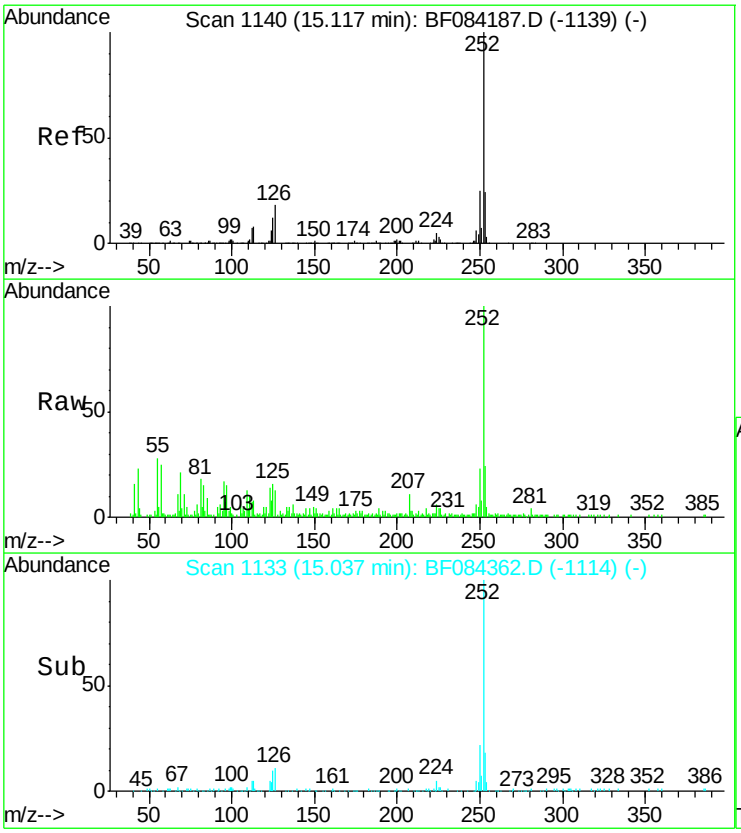
#87
Benzo(b)fluoranthene
Concen: 3.80 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.06 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 116086

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	16.3	6.5	9.7#





#88
Benzo(k)fluoranthene
Concen: 4.64 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.08 min
Lab File: BF084362.D
Acq: 10 Jan 2016 13:59

Tgt Ion:252 Resp: 116086

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	16.3	9.0	13.6#