Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089193.D
Acq On : 22 Jul 2016 13:10
Operator : UM/SJ
Sample : H4074-08DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10-COMPDL

Quant Time: Jul 25 00:49:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	50341	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	221416	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	90444	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	147530	20.00	ng		-0.01
75) Chrysene-d12	13.71	240	98451	20.00	ng		-0.01
86) Perylene-d12	15.06	264	113841	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	27492	8.31	ng		-0.01
7) Phenol-d6	6.25	99	40886	9.58	ng		-0.02
23) Nitrobenzene-d5	7.15	82	24886	5.97	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	5328	6.54	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	38785	5.91	ng		-0.02
78) Terphenyl-d14	12.67	244	19323	4.26	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	604	Below Cal		#	70
49) Dimethylphthalate	9.35	163	17268	2.49	ng		98
50) 2,6-Dinitrotoluene	9.62	165	11266	7.19	ng	#	28
51) Acenaphthene	9.64	154	13950	2.42	ng		96
55) 4-Nitrophenol	9.82	139	3843	3.41	ng	#	4
56) 2,4-Dinitrotoluene	9.62	165	11266	5.58	ng	#	10
70) Phenanthrene	11.12	178	210891	26.06	ng		99
71) Anthracene	11.16	178	46545	5.53	ng		98
74) Fluoranthene	12.30	202	253898	29.85	ng		96
77) Pyrene	12.53	202	229262	28.20	ng		98
80) Benzo(a)anthracene	13.70	228	108959	17.38	ng		99
82) Chrysene	13.74	228	75321	12.58	ng		97
85) Indeno(1,2,3-cd)pyrene	16.27	276	57909	13.31	ng		95
87) Benzo(b)fluoranthene	14.70	252	153249	18.59	ng		100
88) Benzo(k)fluoranthene	14.70	252	153249	25.99	ng	#	94
89) Benzo(a)pyrene	15.09	252	28001	4.37	ng		95
90) Dibenzo(a,h)anthracene	16.27	278	18281	3.62	ng	#	85
91) Benzo(g,h,i)perylene	16.64	276	52134	10.23	ng		96

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

Quantitation Report (Not Reviewed)

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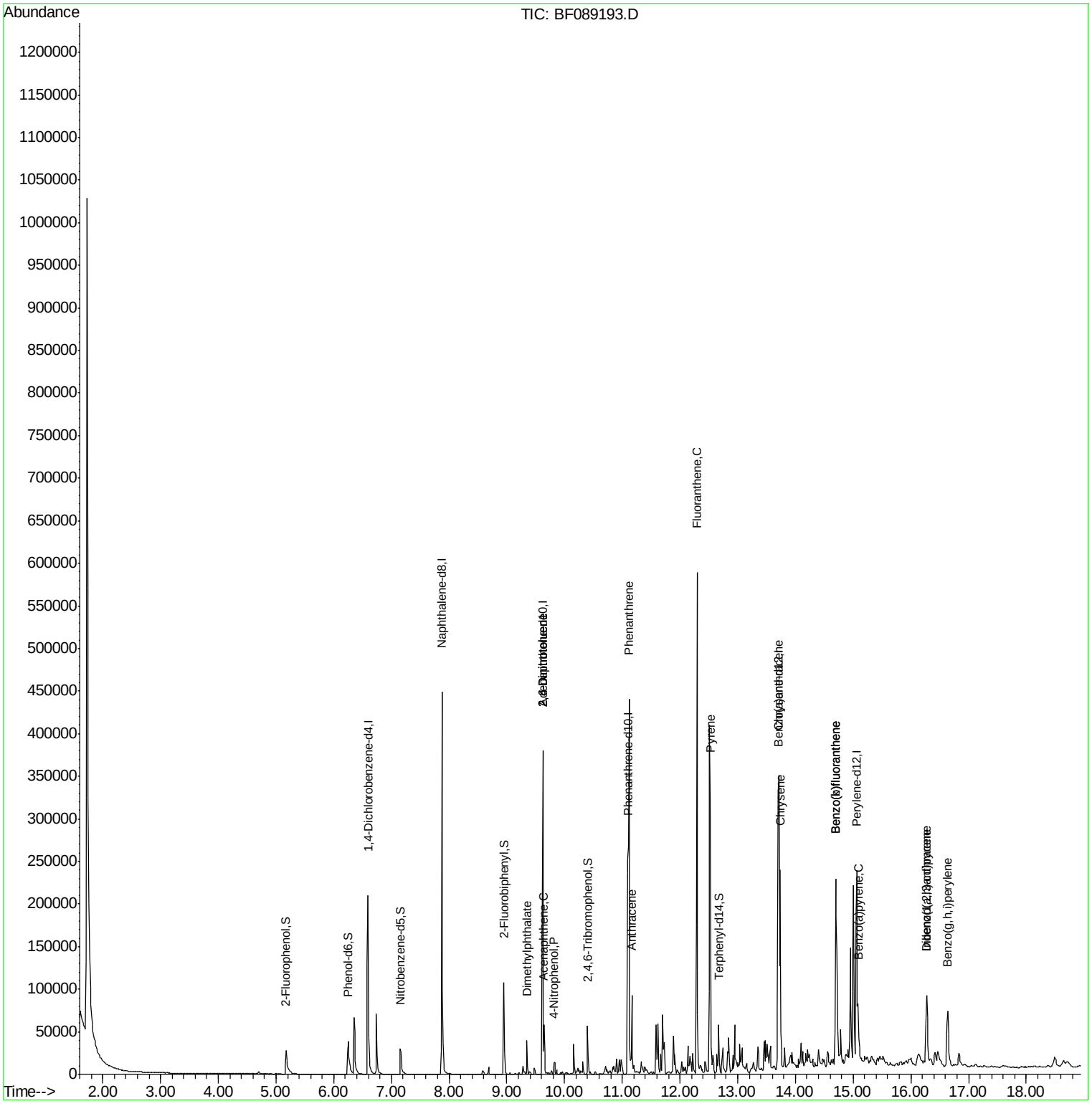
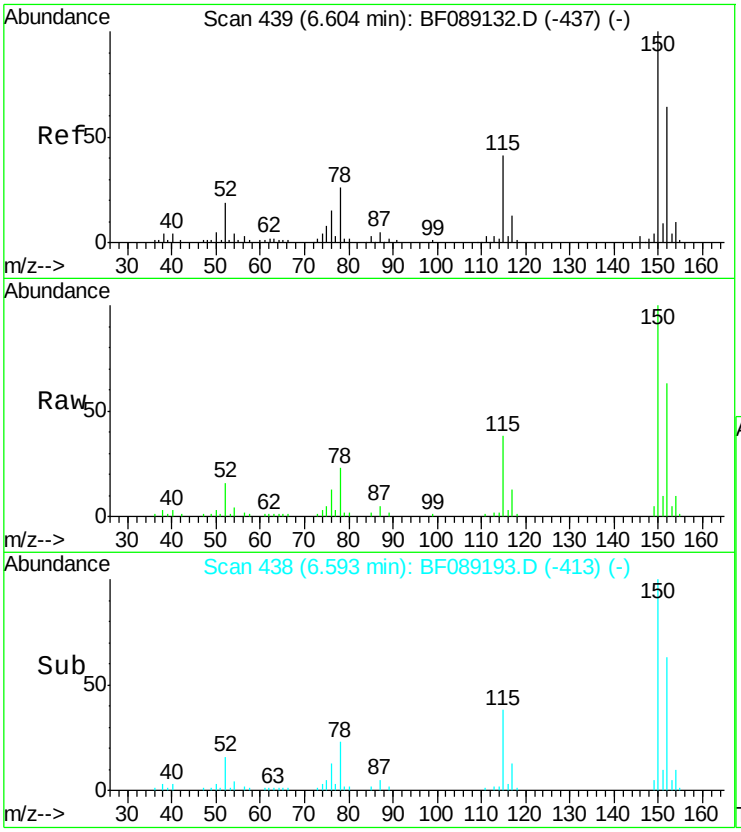


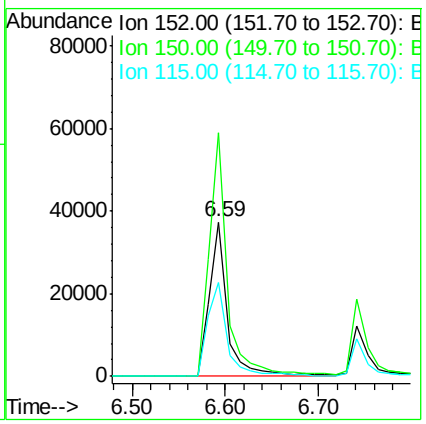


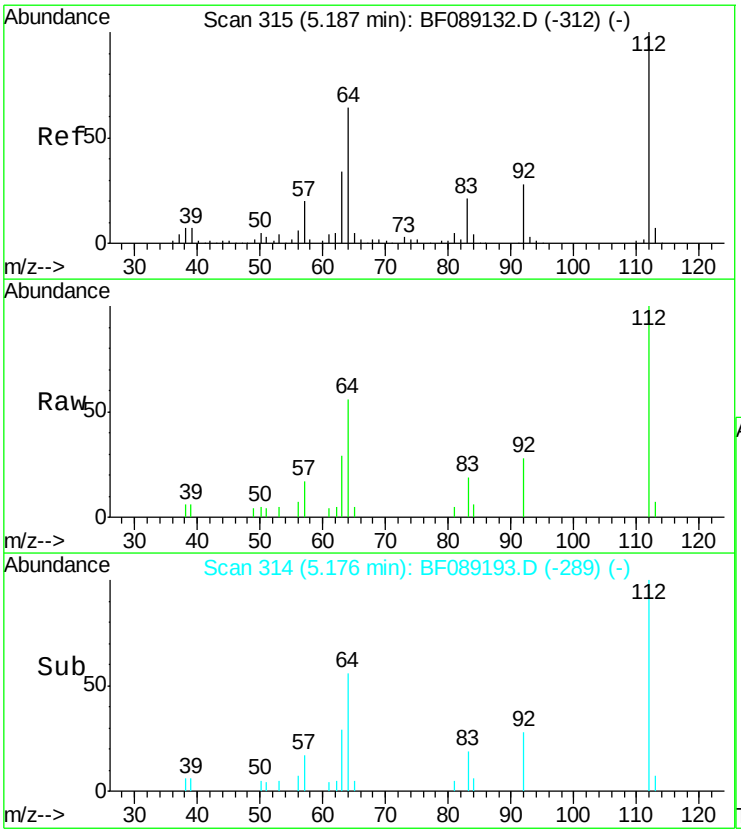
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:152 Resp: 50341

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.1	187.7
115	60.7	51.1	76.7

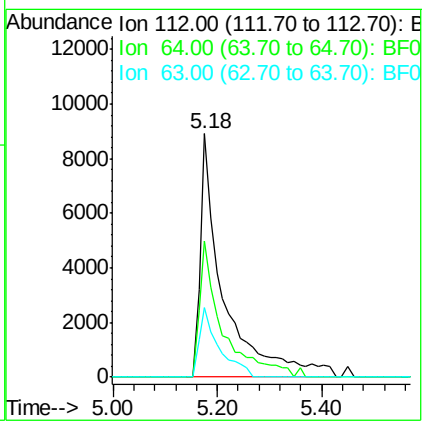


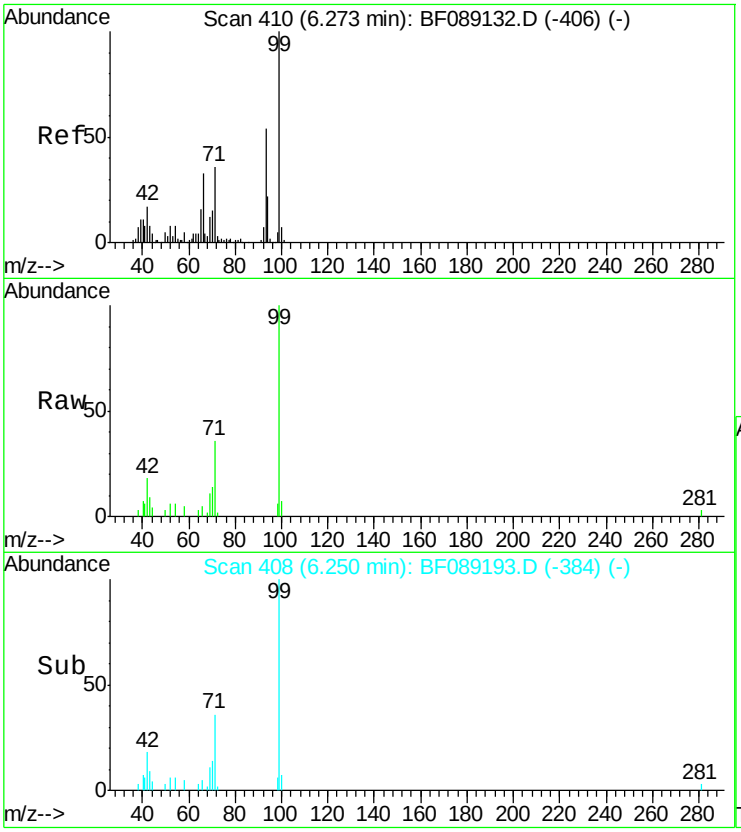


#5
2-Fluorophenol
Concen: 8.31 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:112 Resp: 27492

Ion	Ratio	Lower	Upper
112	100		
64	56.1	51.0	76.4
63	28.6	27.3	40.9



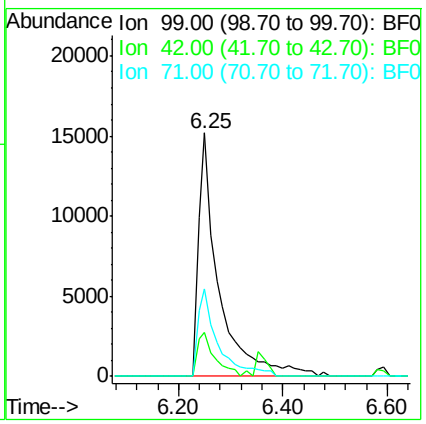


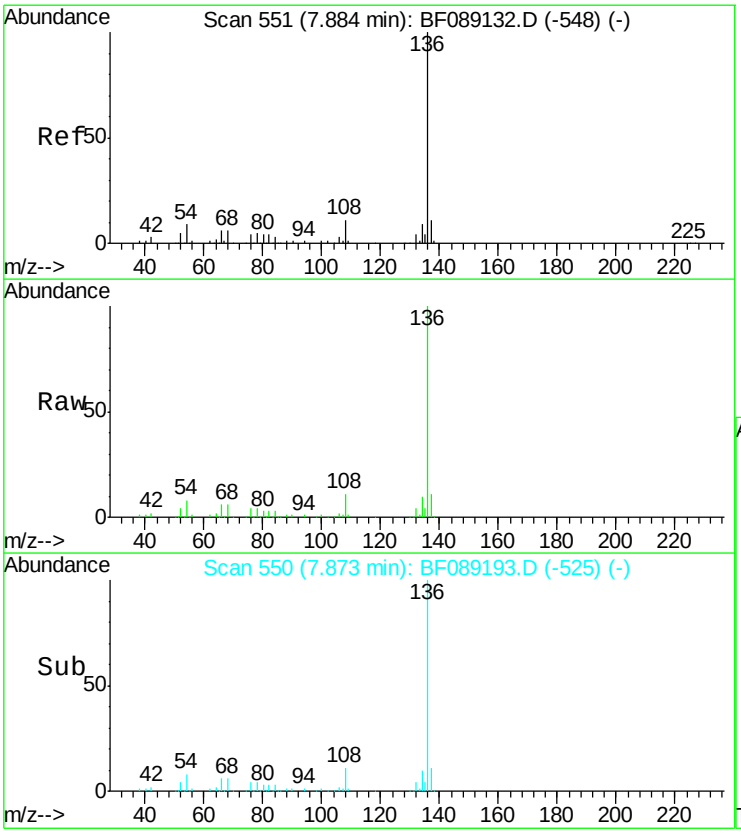
#7
Phenol-d6
Concen: 9.58 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion: 99 Resp: 40886

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	35.7	28.9	43.3

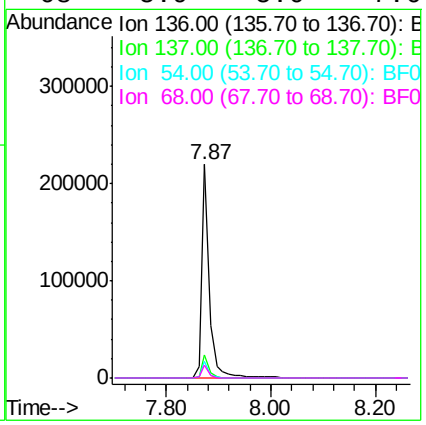


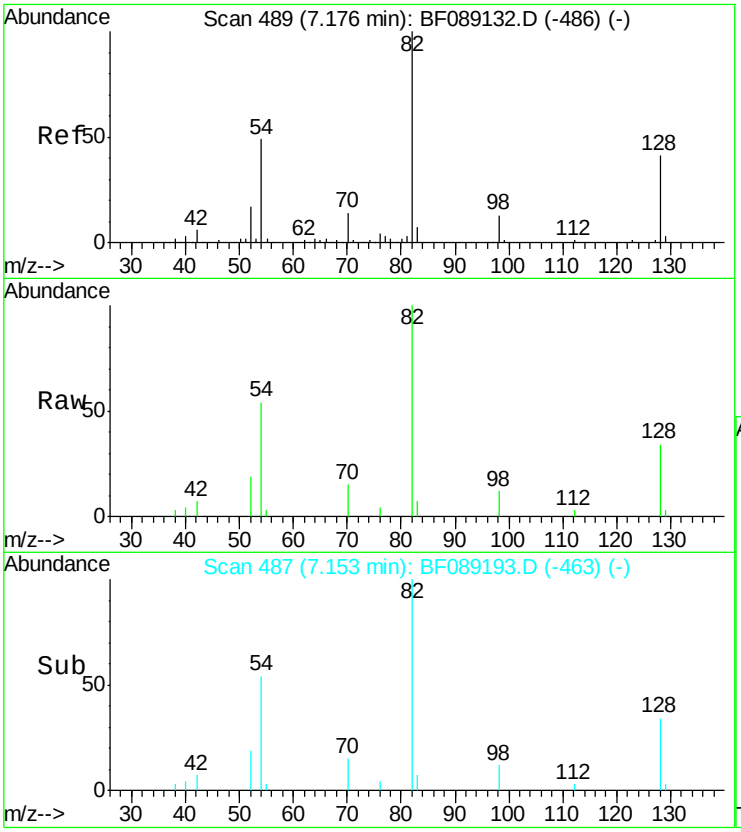


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:136 Resp: 221416

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	7.0	10.4
68	5.9	5.0	7.6



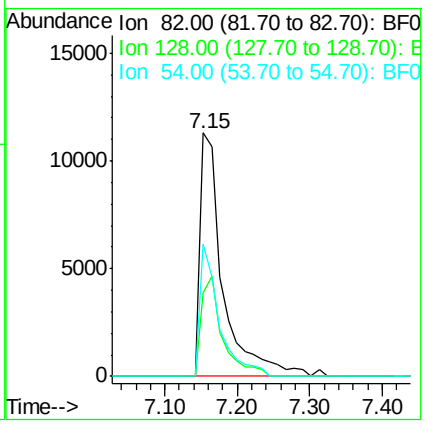


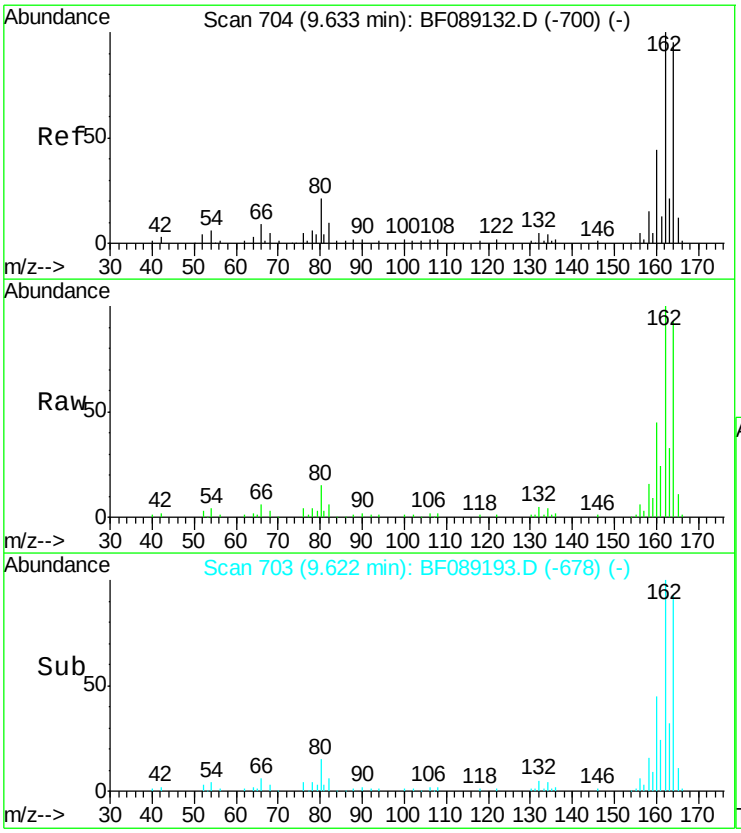
#23
Nitrobenzene-d5
Concen: 5.97 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion: 82 Resp: 24886

Ion	Ratio	Lower	Upper
82	100		
128	34.2	33.0	49.6
54	54.3	39.0	58.4

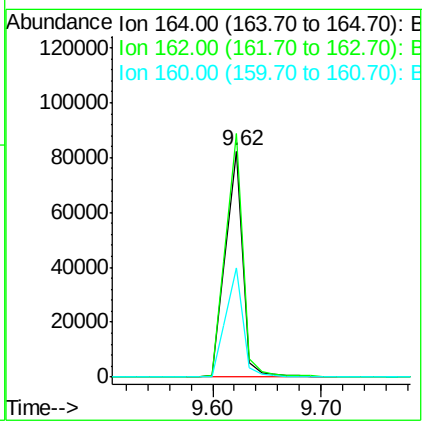


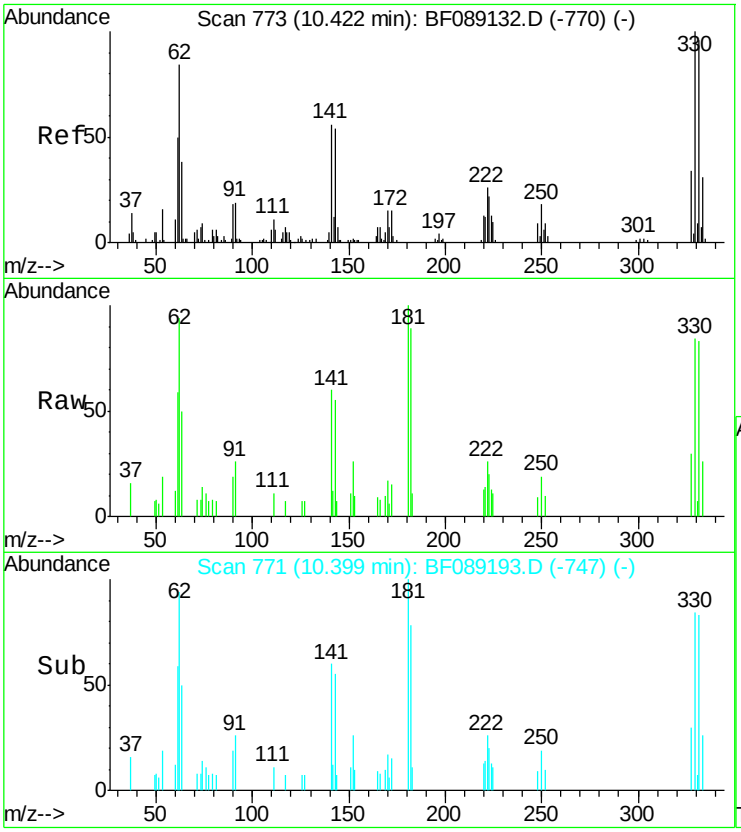


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:164 Resp: 90444

Ion	Ratio	Lower	Upper
164	100		
162	107.7	84.1	126.1
160	48.6	37.1	55.7



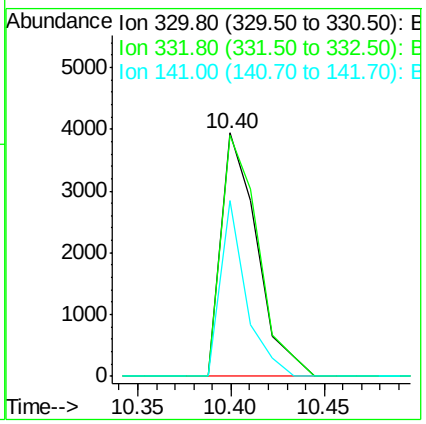


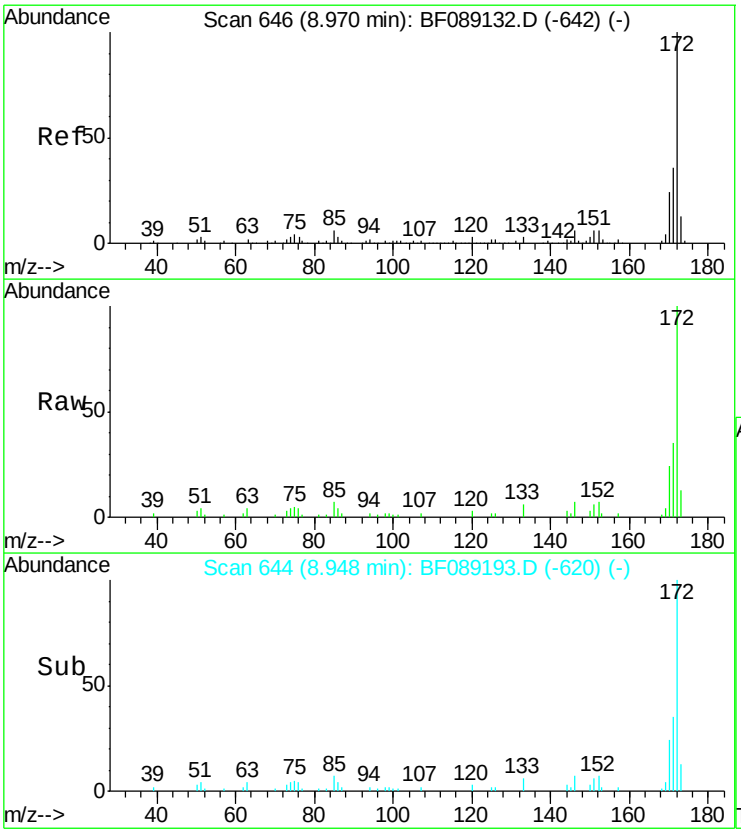
#41
2,4,6-Tribromophenol
Concen: 6.54 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:330 Resp: 5328

Ion	Ratio	Lower	Upper
330	100		
332	102.2	77.2	115.8
141	51.2	42.2	63.2

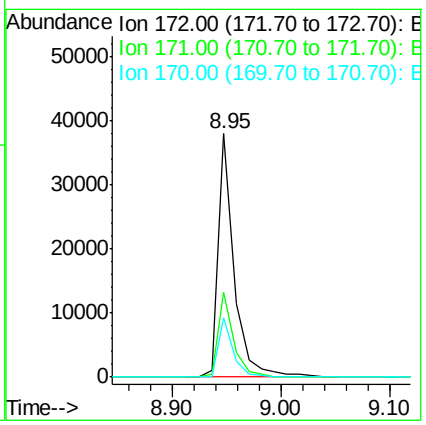


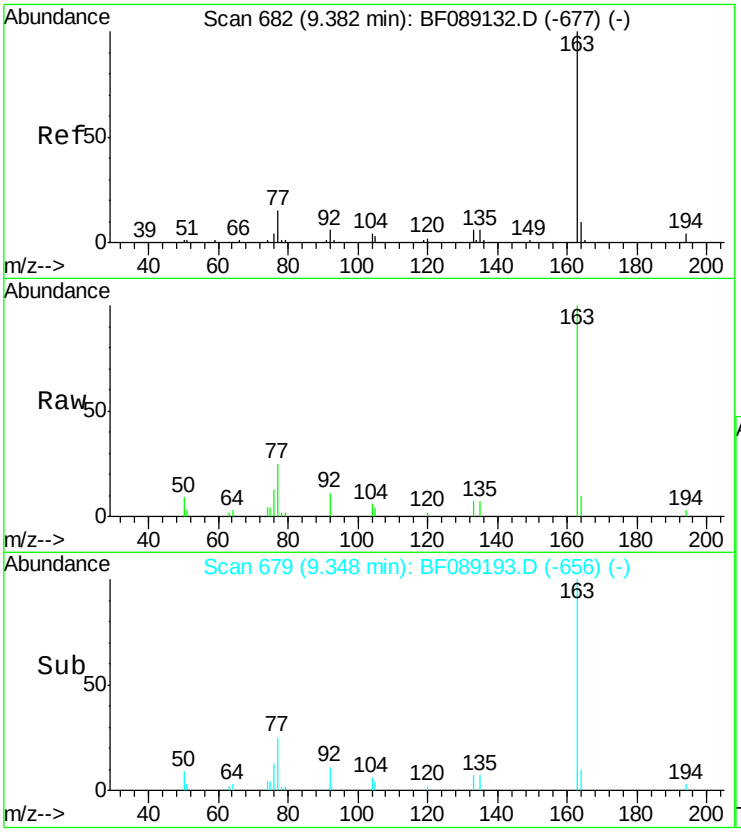


#44
2-Fluorobiphenyl
Concen: 5.91 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:172 Resp: 38785

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.2	43.8
170	24.2	19.1	28.7



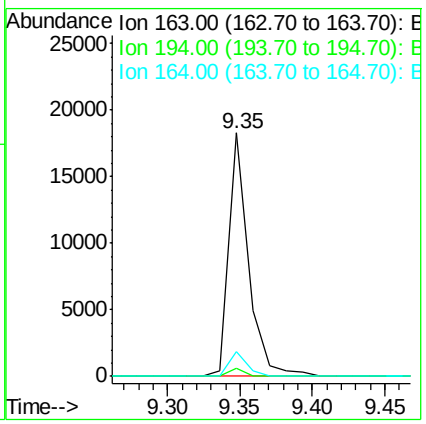


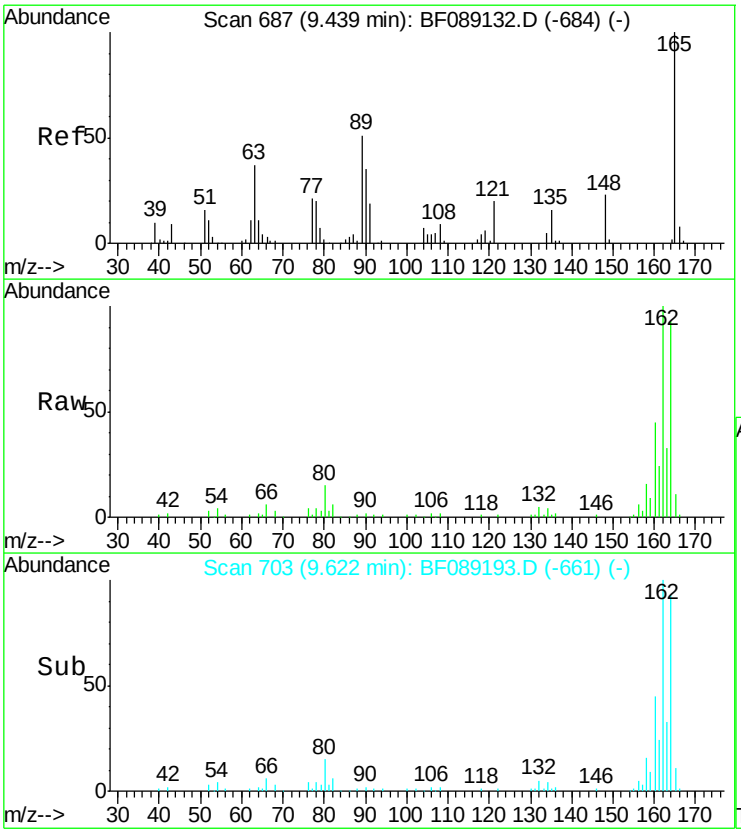
#49
Dimethylphthalate
Concen: 2.49 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:163 Resp: 17268

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	10.2	7.6	11.4

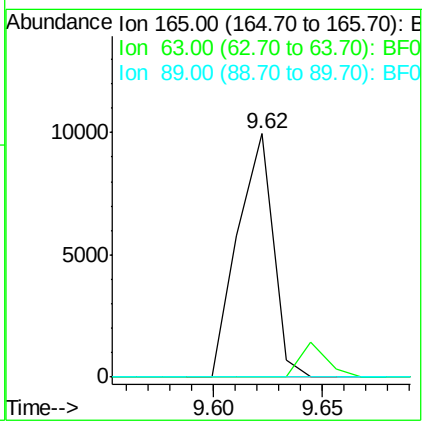


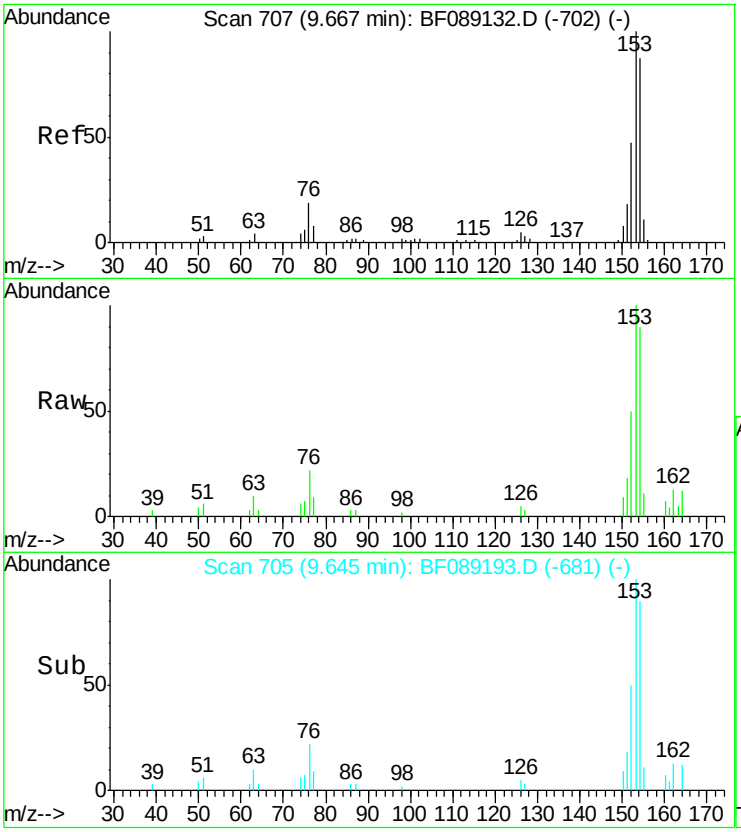


#50
2,6-Dinitrotoluene
Concen: 7.19 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.18 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:165 Resp: 11266

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.0	55.4#
89	0.0	40.9	61.3#



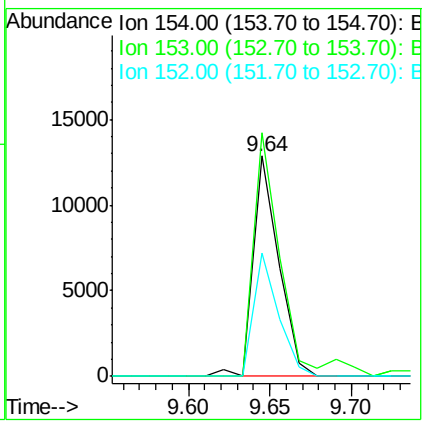


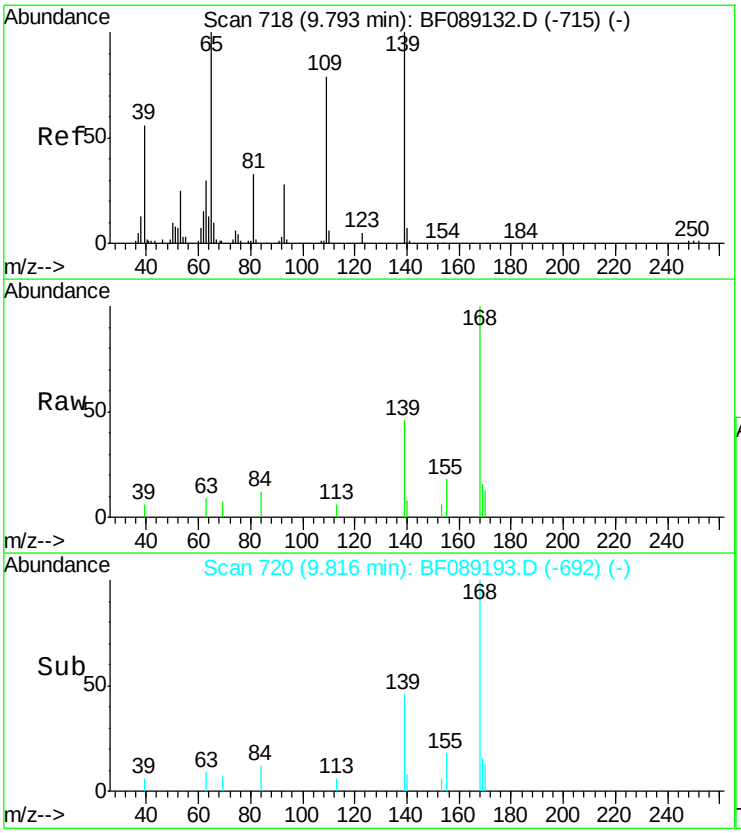
#51
Acenaphthene
Concen: 2.42 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:154 Resp: 13950

Ion	Ratio	Lower	Upper
154	100		
153	110.7	91.9	137.9
152	55.8	42.8	64.2

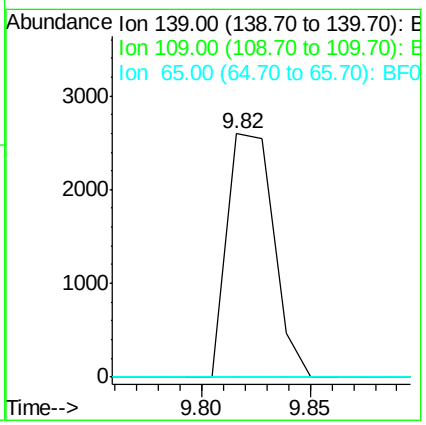


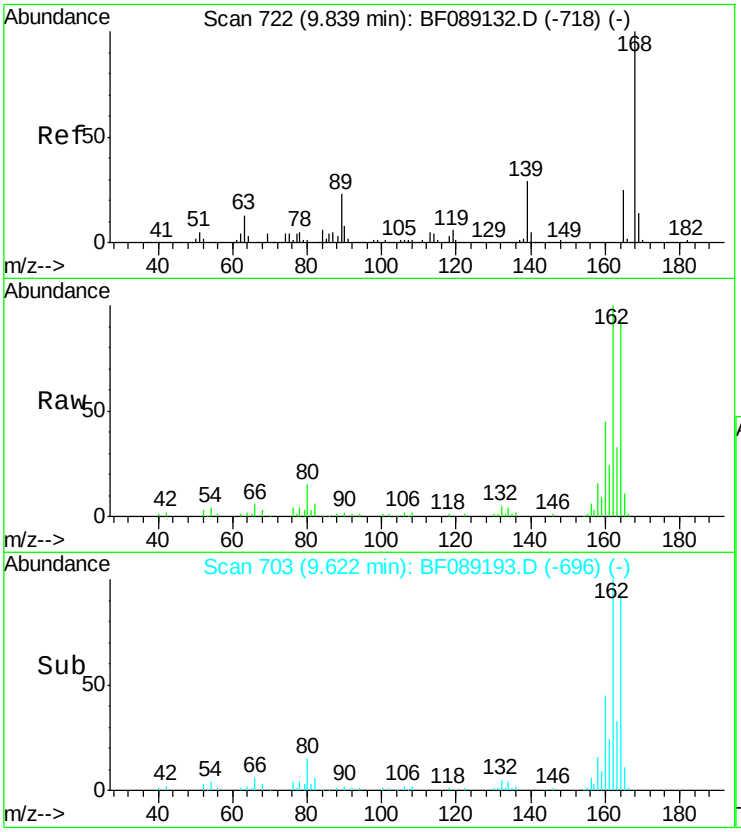


#55
4-Nitrophenol
Concen: 3.41 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.02 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:139 Resp: 3843

Ion	Ratio	Lower	Upper
139	100		
109	0.0	58.7	98.7#
65	0.0	80.2	120.2#



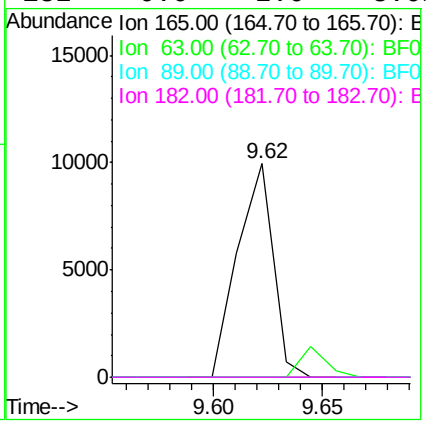


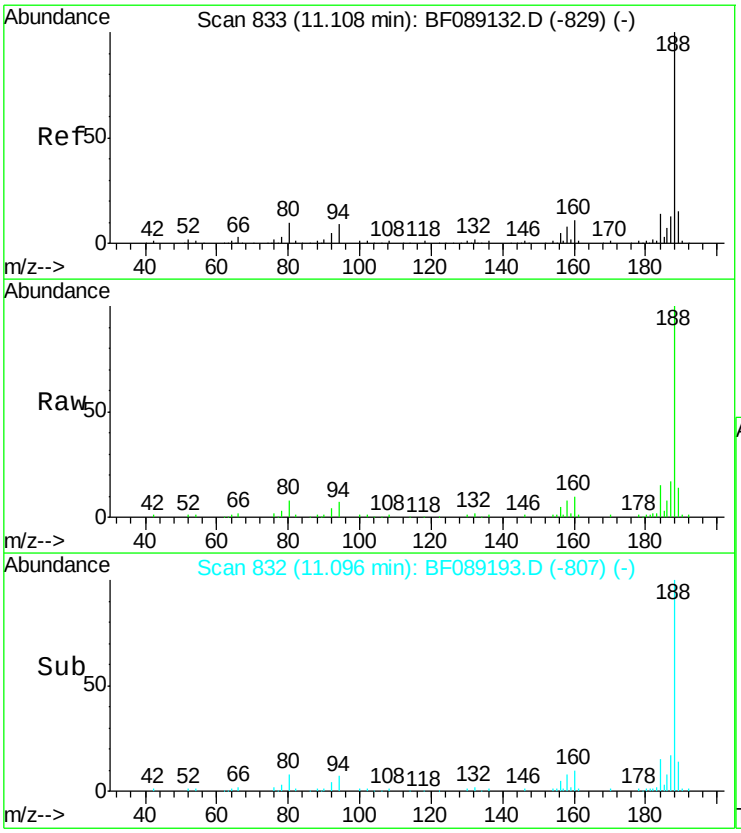
#56
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.22 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:165 Resp: 11266

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#

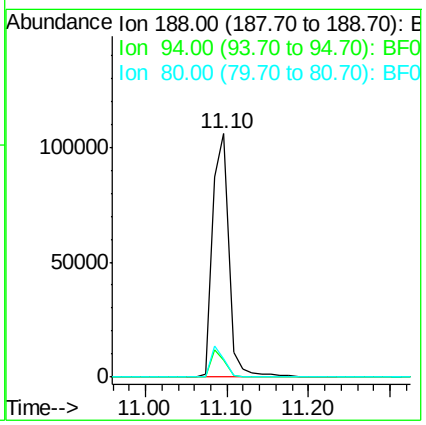


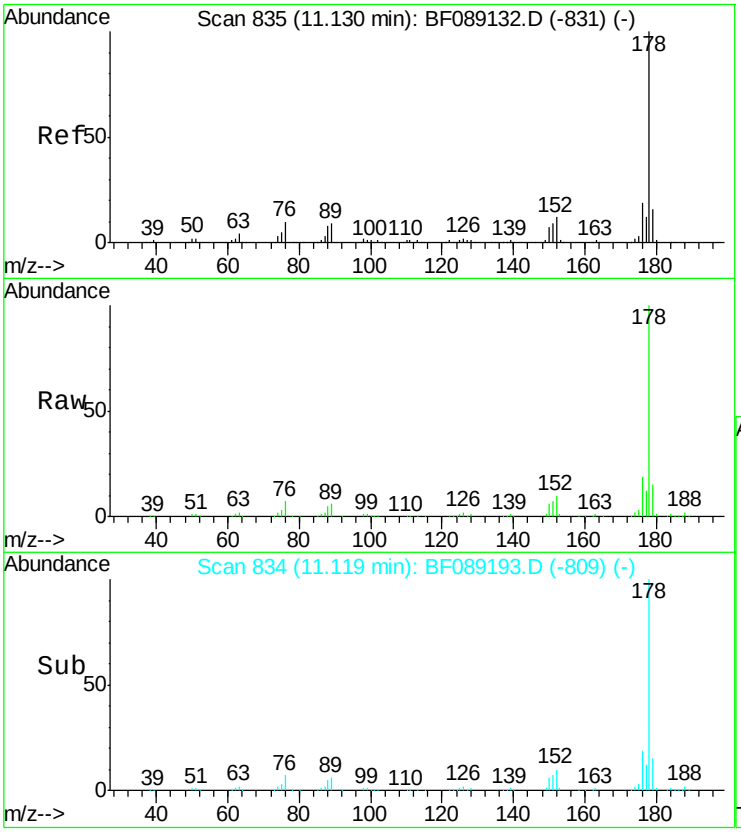


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:188 Resp: 147530

Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.0	10.4
80	7.6	7.7	11.5#



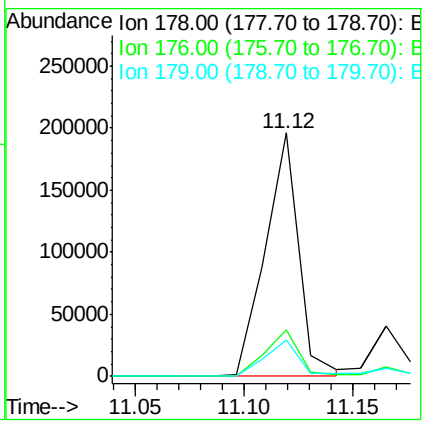


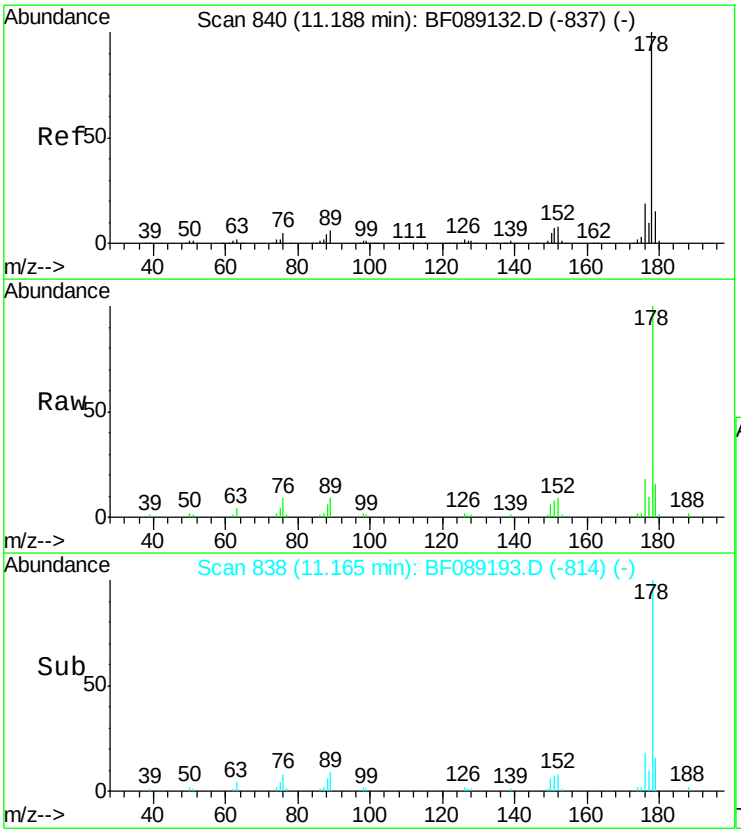
#70
Phenanthrene
Concen: 26.06 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:178 Resp: 210891

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	14.8	12.4	18.6

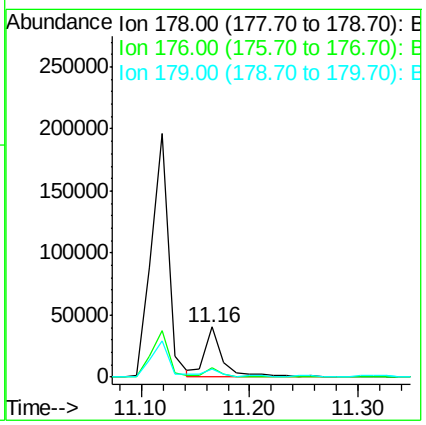


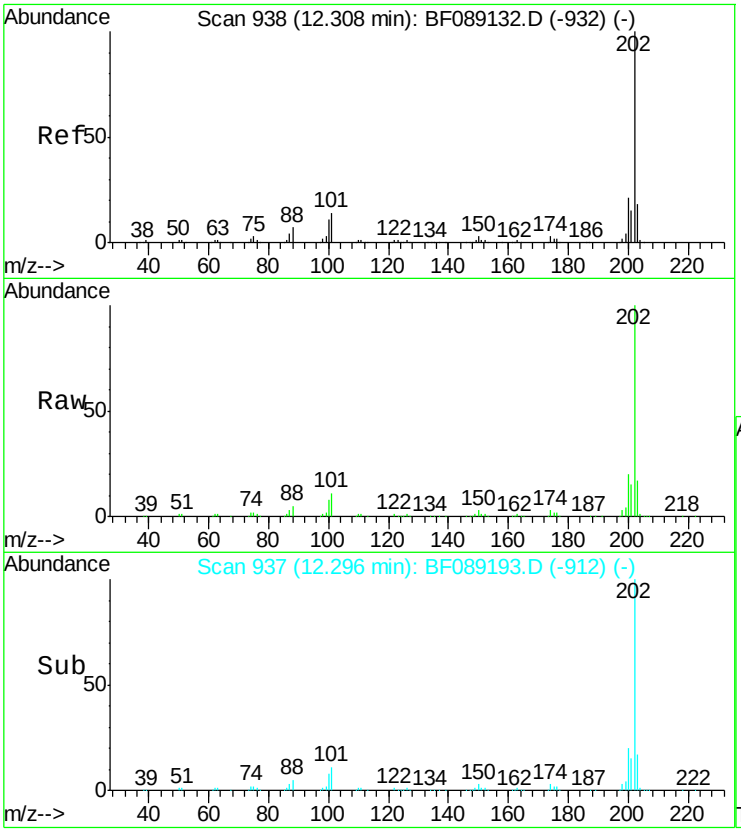


#71
Anthracene
Concen: 5.53 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:178 Resp: 46545

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.9	22.3
179	16.3	12.0	18.0



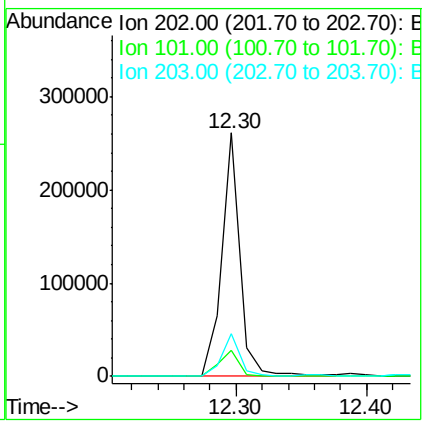


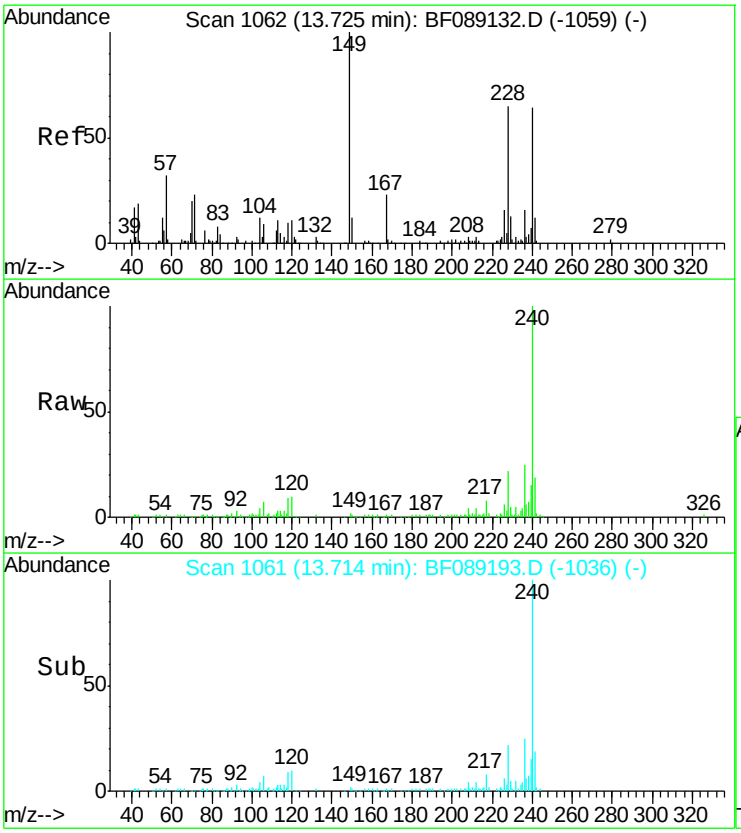
#74
Fluoranthene
Concen: 29.85 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:202 Resp: 253898

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.0
203	17.3	0.0	37.8

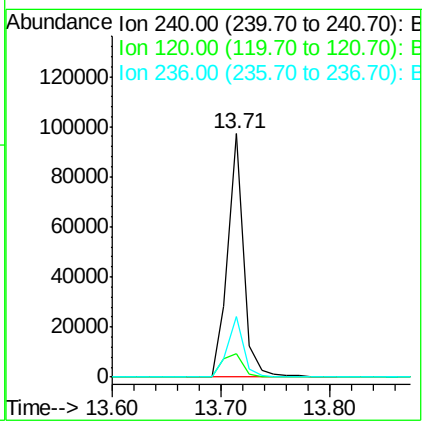


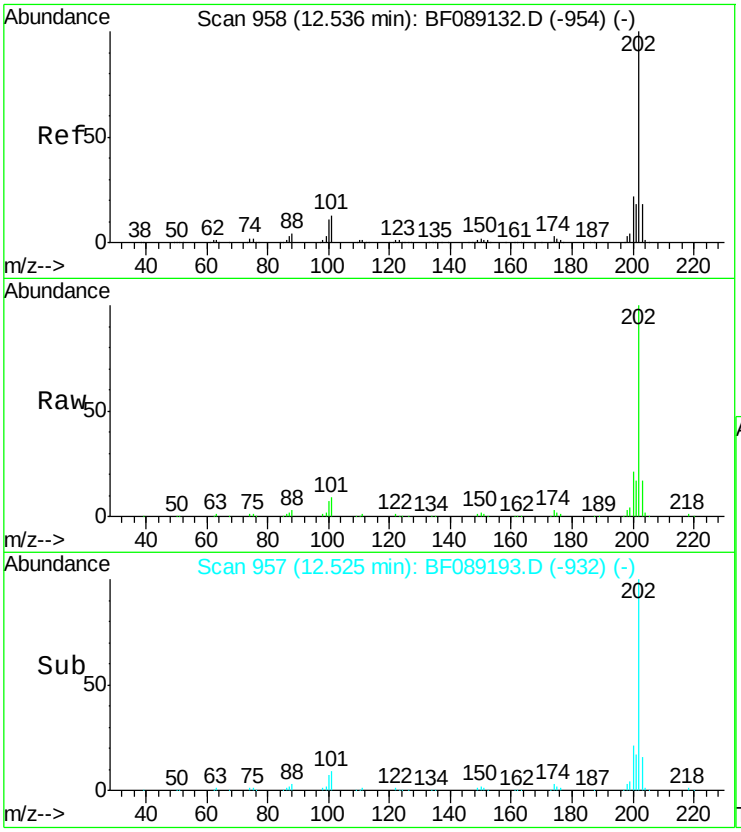


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:240 Resp: 98451

Ion	Ratio	Lower	Upper
240	100		
120	9.7	13.6	20.4#
236	24.9	20.5	30.7



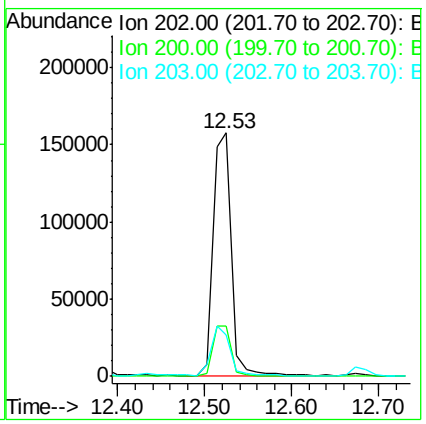


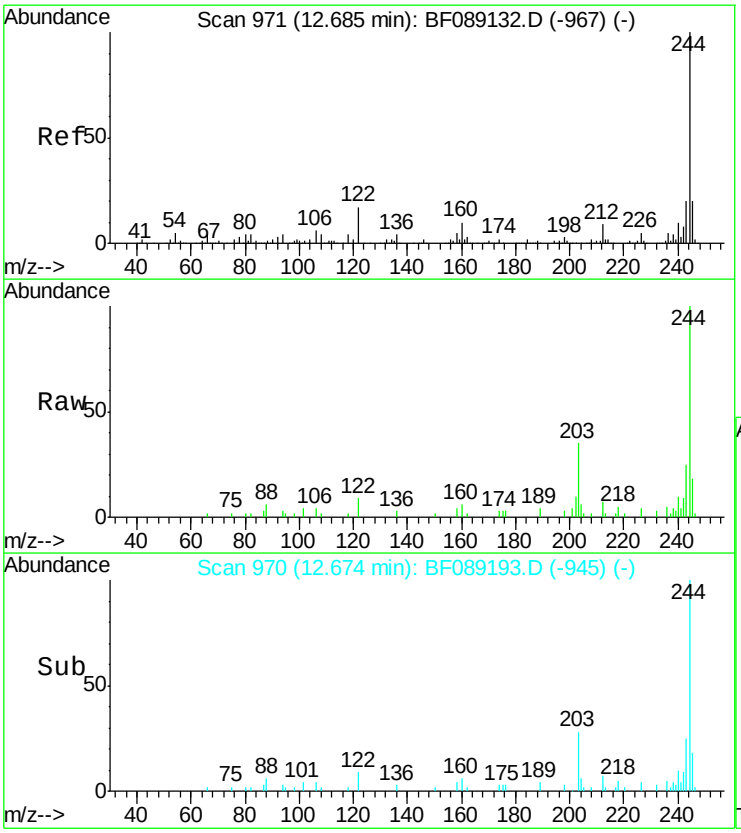
#77
Pyrene
Concen: 28.20 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:202 Resp: 229262

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.0
203	16.8	14.2	21.2

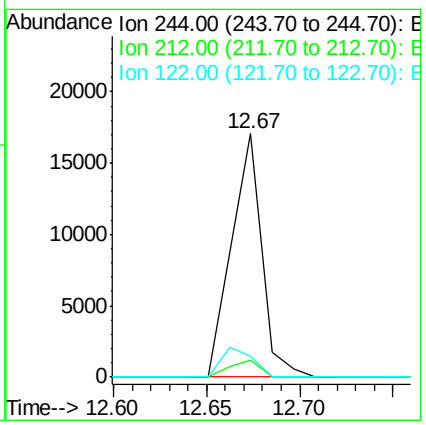


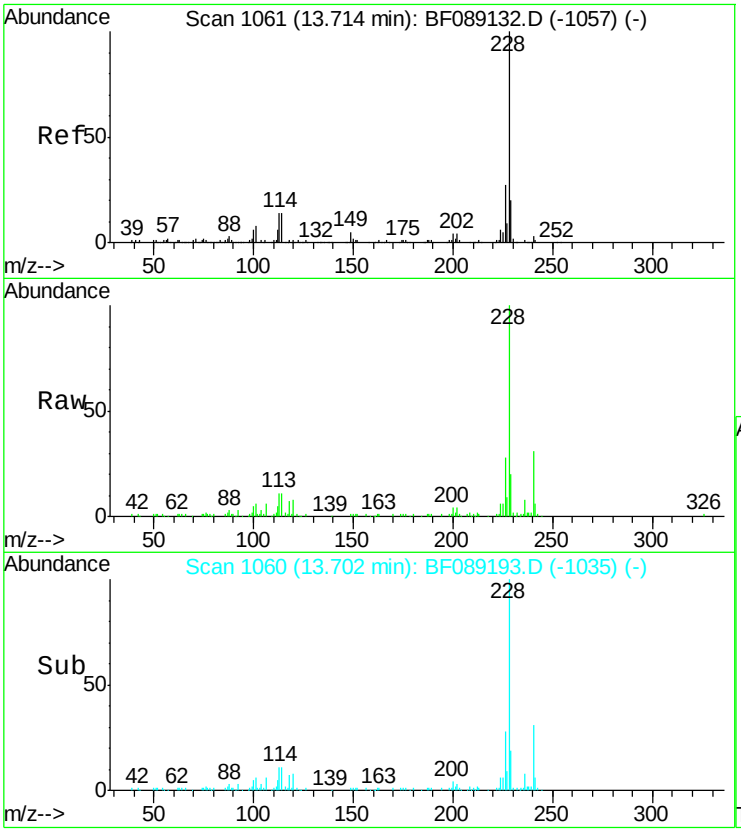


#78
Terphenyl-d14
Concen: 4.26 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:244 Resp: 19323

Ion	Ratio	Lower	Upper
244	100		
212	7.2	7.0	10.4
122	8.6	13.8	20.8#



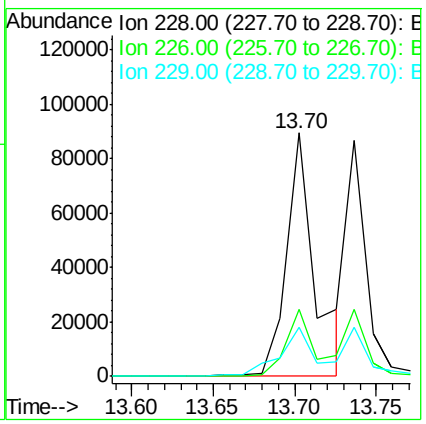


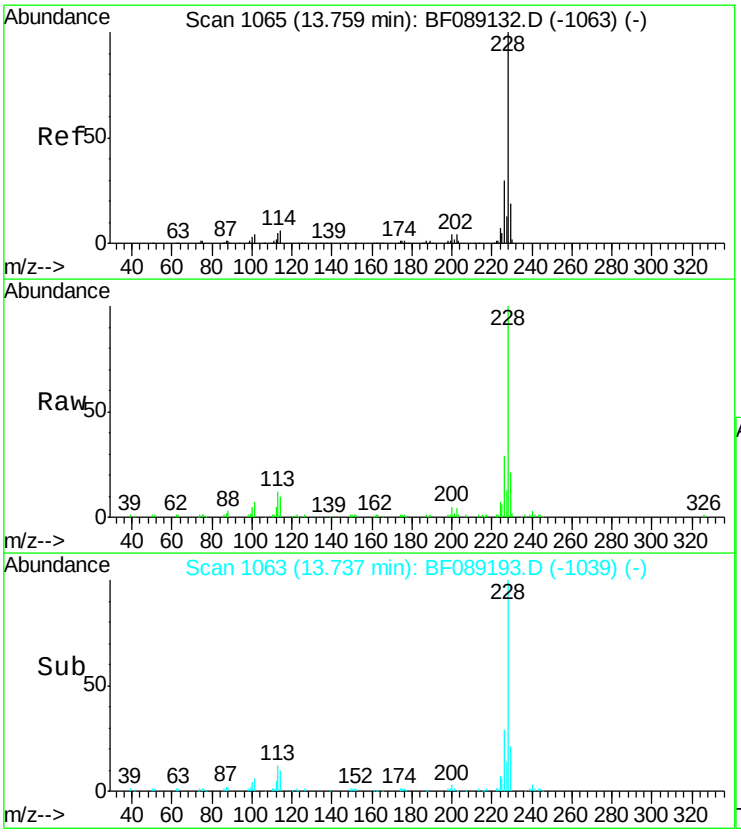
#80
Benzo(a)anthracene
Concen: 17.38 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:228 Resp: 108959

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	19.9	15.8	23.8

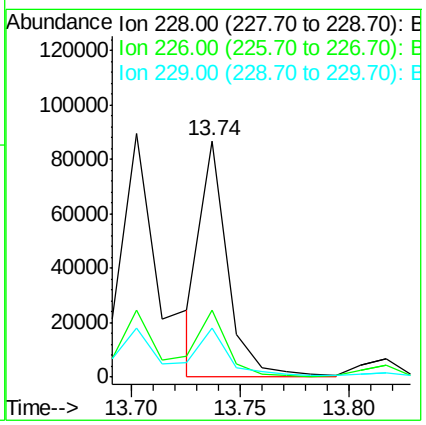


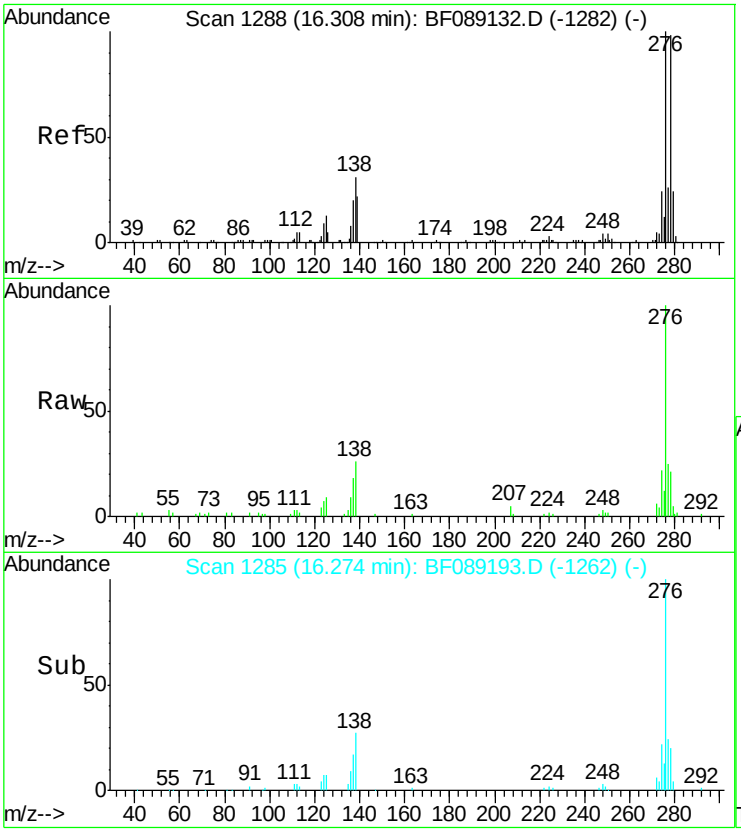


#82
Chrysene
Concen: 12.58 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:228 Resp: 75321

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.8	35.8
229	21.0	15.4	23.0



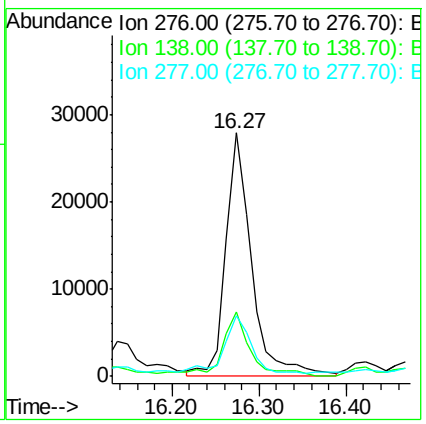


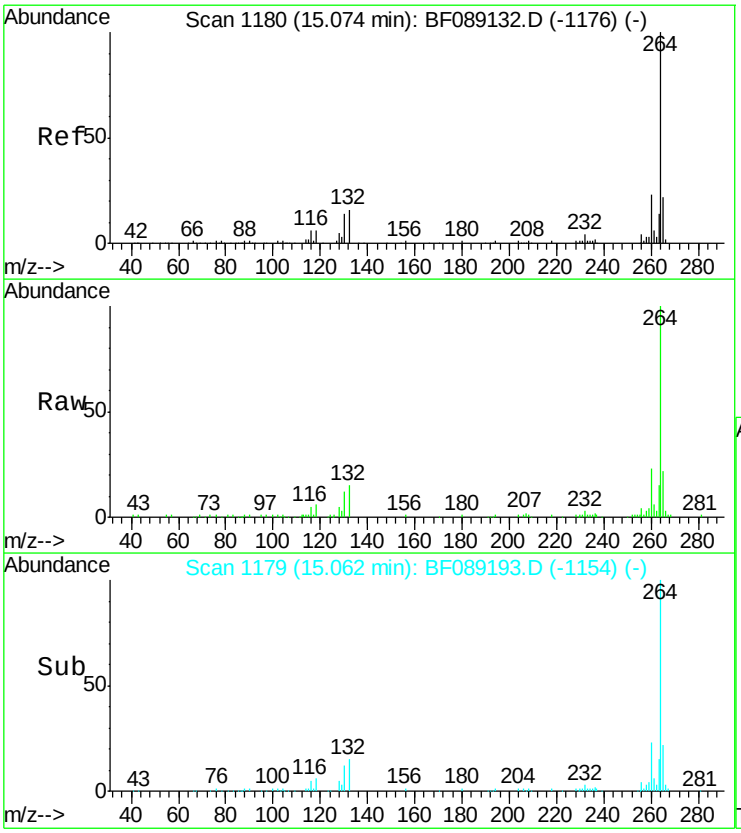
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.31 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.03 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:276 Resp: 57909

Ion	Ratio	Lower	Upper
276	100		
138	27.6	23.7	35.5
277	29.6	20.6	31.0

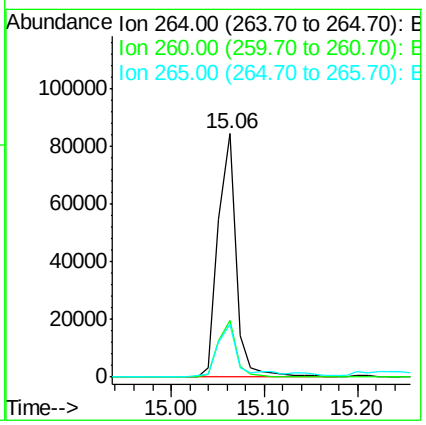


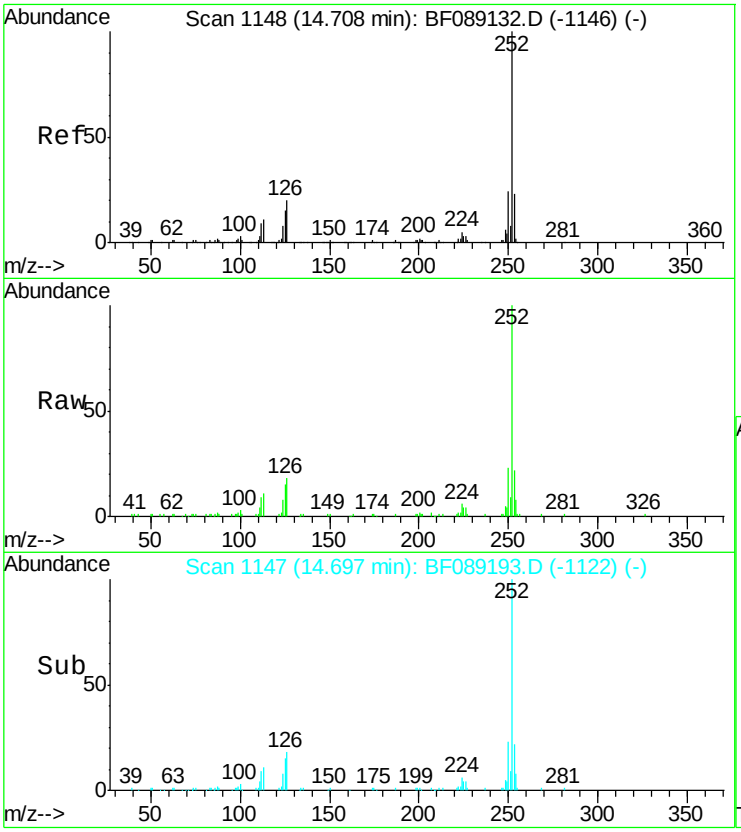


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:264 Resp: 113841

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.9	17.3	25.9



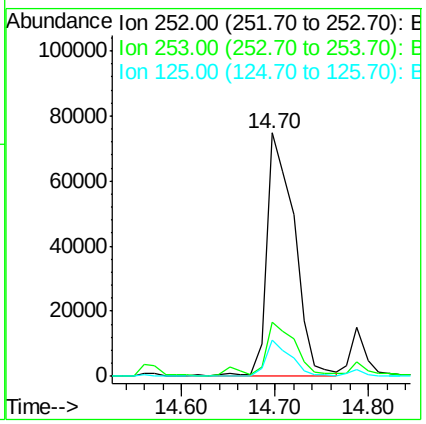


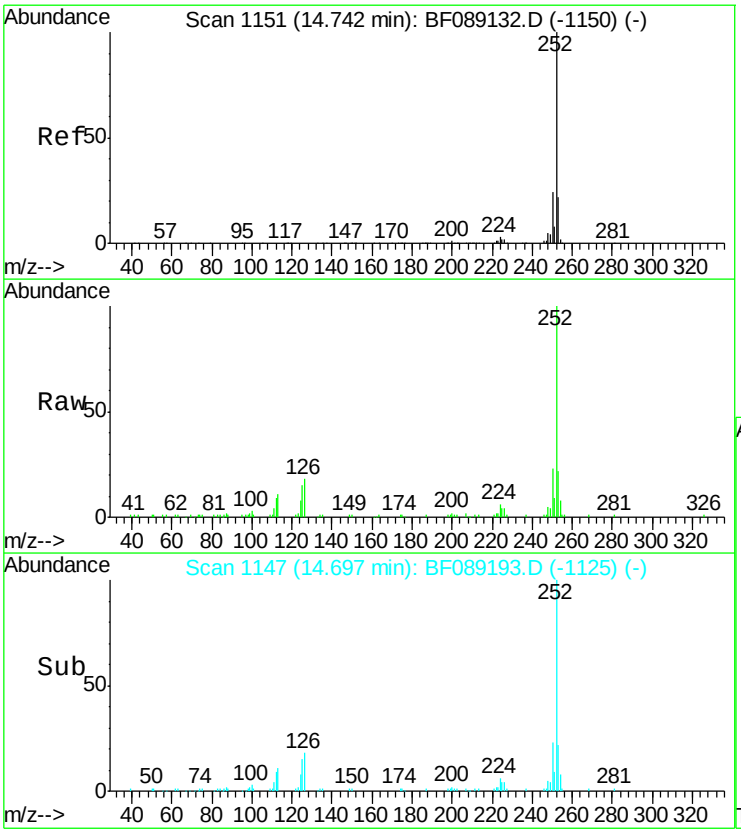
#87
Benzo(b)fluoranthene
Concen: 18.59 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:252 Resp: 153249

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	14.8	11.9	17.9

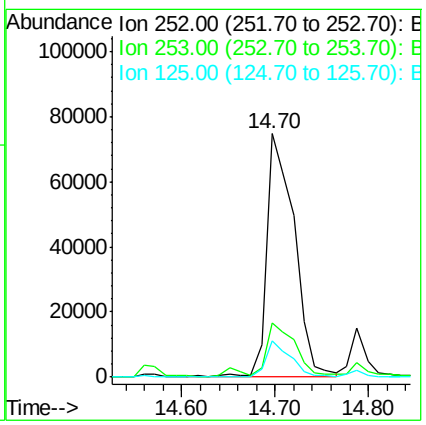


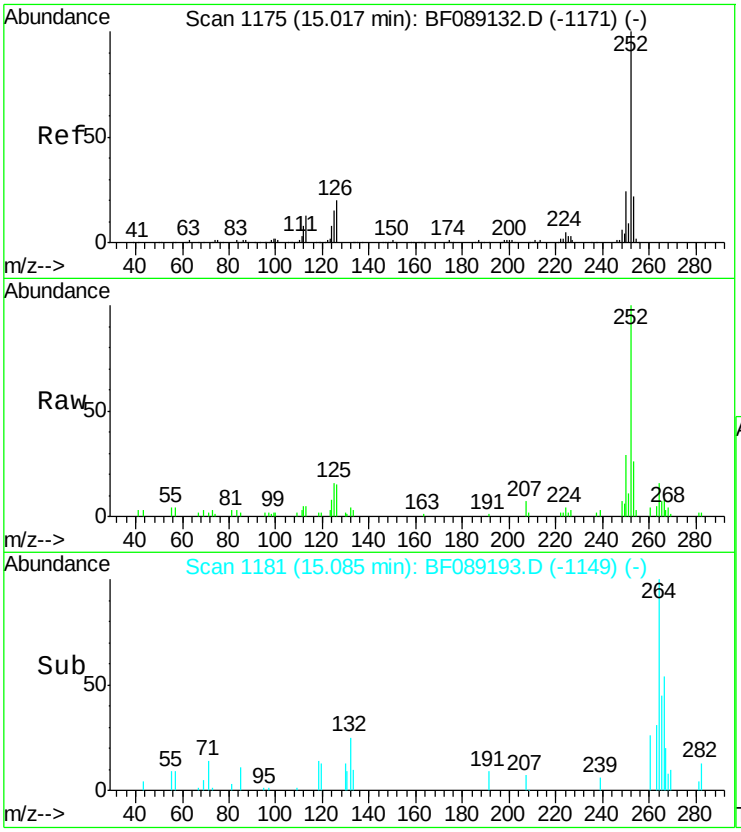


#88
Benzo(k)fluoranthene
Concen: 25.99 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:252 Resp: 153249

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	14.8	6.3	9.5#



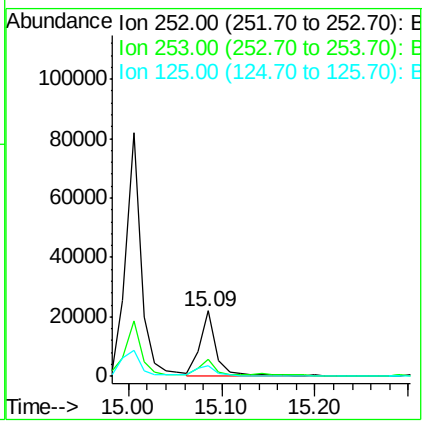


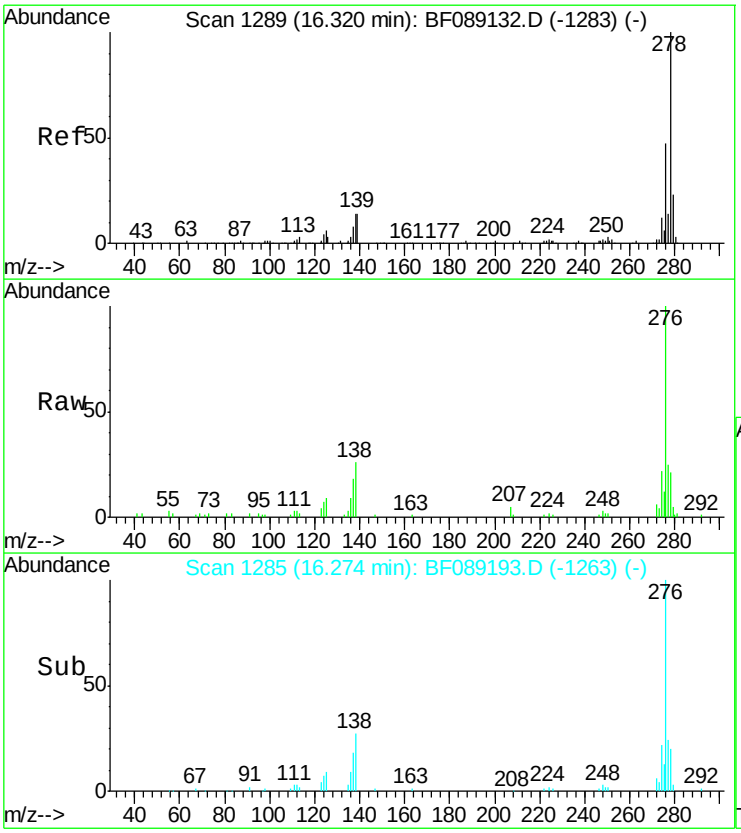
#89
Benzo(a)pyrene
Concen: 4.37 ng
RT: 15.09 min Scan# 1181
Delta R.T. 0.07 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:252 Resp: 28001

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.0
125	15.8	12.4	18.6

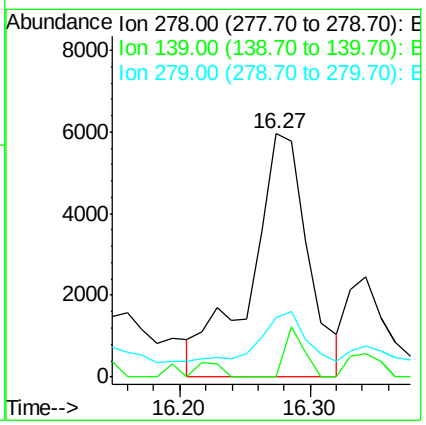


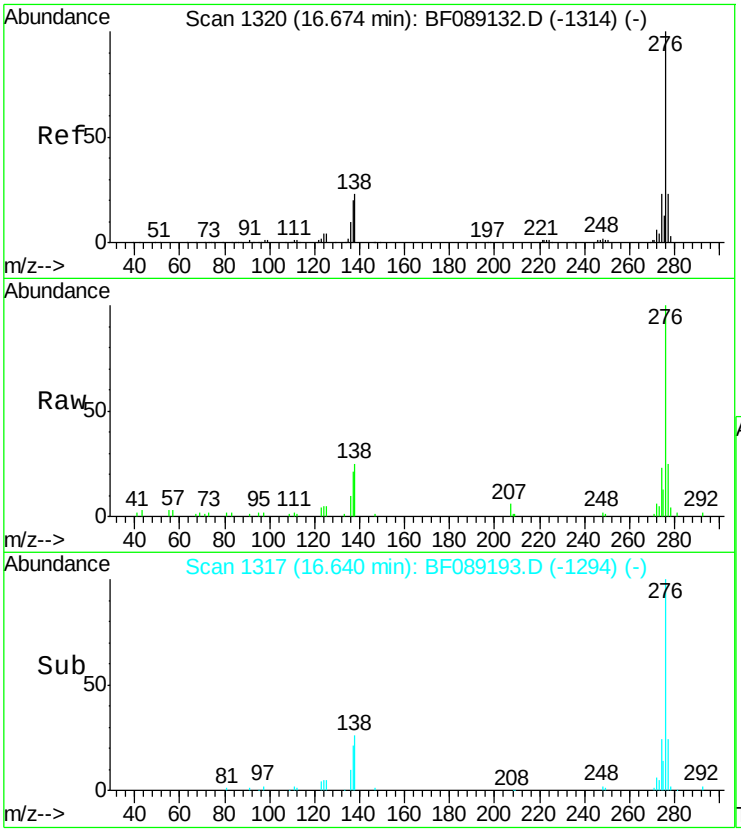


#90
Dibenzo(a,h)anthracene
Concen: 3.62 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.05 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Tgt Ion:278 Resp: 18281

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.4	17.2#
279	24.2	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 10.23 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BF089193.D
Acq: 22 Jul 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SB-10-COMPDL

Tgt Ion:276 Resp: 52134

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.5	27.7
138	25.3	18.5	27.7