Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088690.D
Acq On : 4 Jul 2016 12:36
Operator : UM/SJ
Sample : H3822-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D10-B3(6-12)C

Quant Time: Jul 05 00:50:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110501	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	388686	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	162987	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	266243	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	195882	20.00	ng		-0.03
86) Perylene-d12	15.33	264	168175	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	918549	124.58	ng		-0.01
7) Phenol-d6	6.43	99	1213926	127.42	ng		-0.01
23) Nitrobenzene-d5	7.36	82	741820	100.02	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	167917	110.95	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	1084086	105.06	ng		-0.02
78) Terphenyl-d14	12.88	244	595364	67.70	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	97815	15.29	ng	#	66
25) Isophorone	7.36	82	676915	49.27	ng	#	65
49) Dimethylphthalate	9.54	163	197564	17.01	ng		99
56) 2,4-Dinitrotoluene	9.82	165	21057	6.26	ng	#	39
66) 4-Bromophenyl-phenylether	10.60	248	10985	4.09	ng	#	1
70) Phenanthrene	11.32	178	65889	4.53	ng		97
74) Fluoranthene	12.50	202	129863	8.80	ng		99
77) Pyrene	12.73	202	152043	9.15	ng		98
80) Benzo(a)anthracene	13.91	228	71345	5.66	ng		97
82) Chrysene	13.95	228	58639	4.70	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	22599	2.35	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	81686	7.74	ng	#	93
88) Benzo(k)fluoranthene	14.93	252	81612	8.89	ng		98
89) Benzo(a)pyrene	15.26	252	43592	4.88	ng		98
91) Benzo(g,h,i)perylene	17.05	276	22877	2.96	ng		96

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

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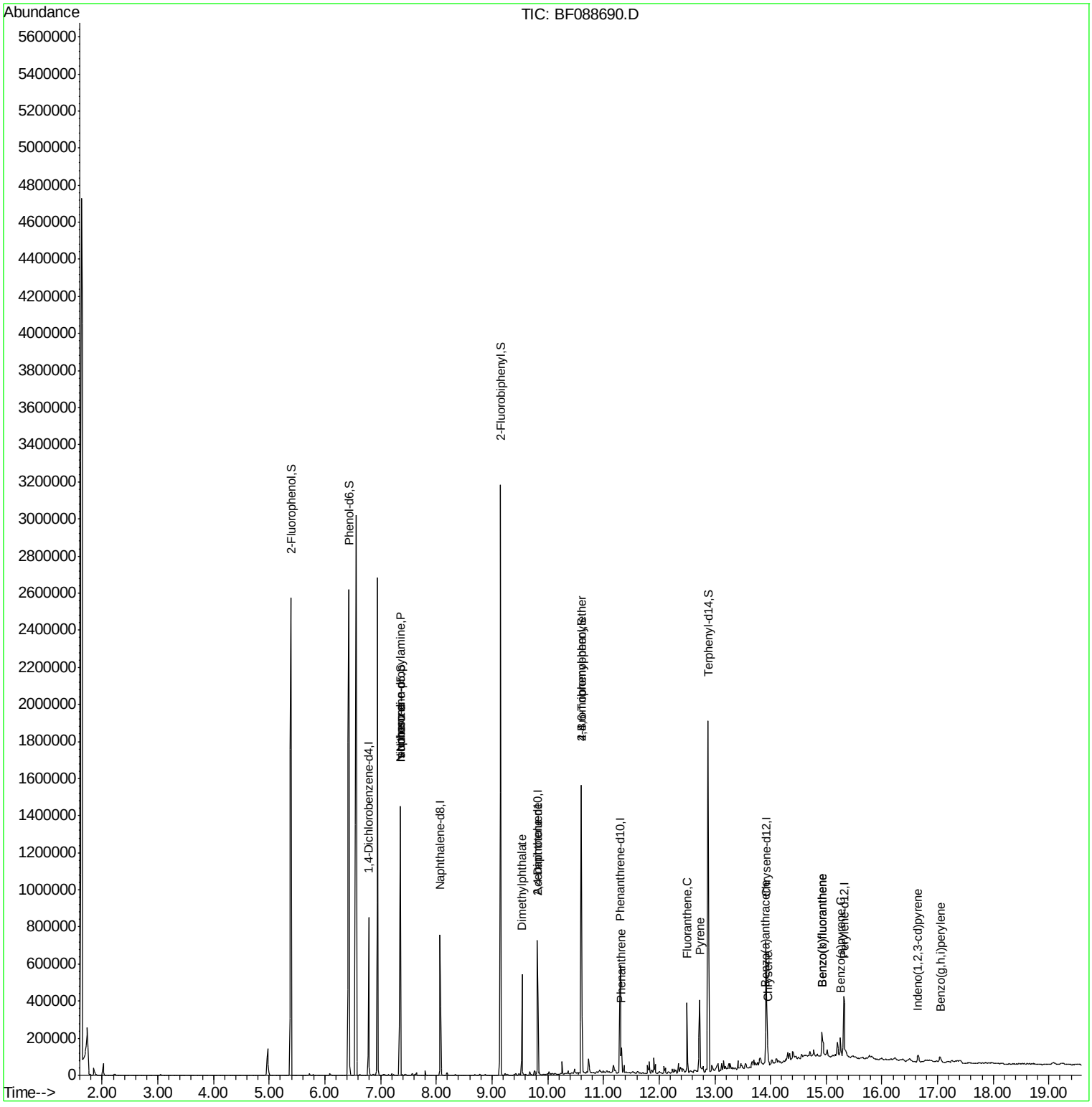
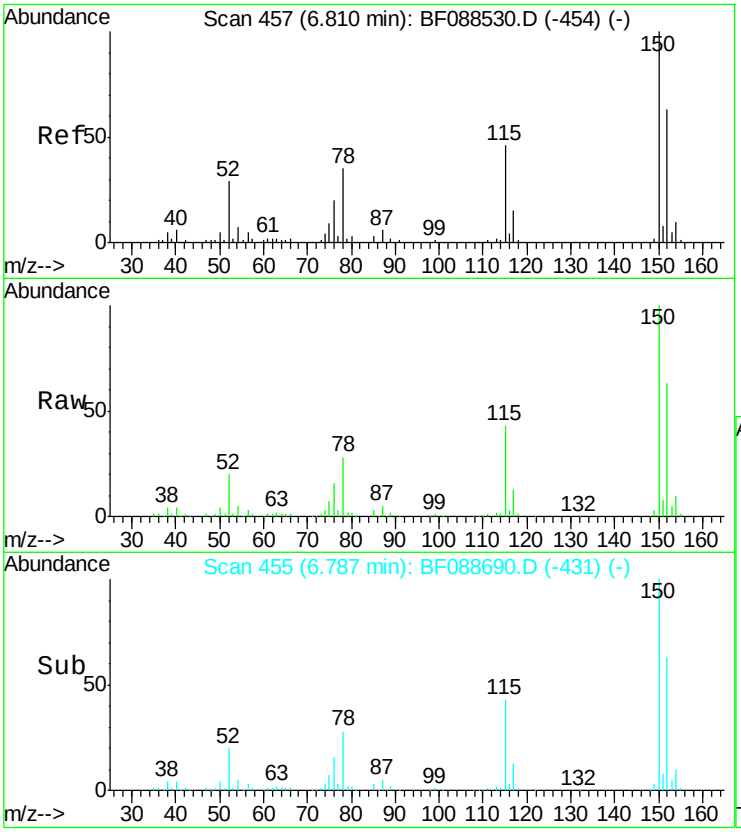


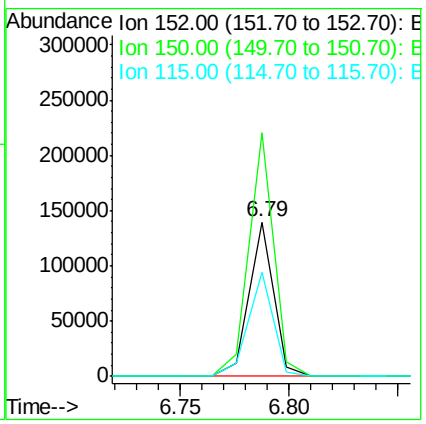


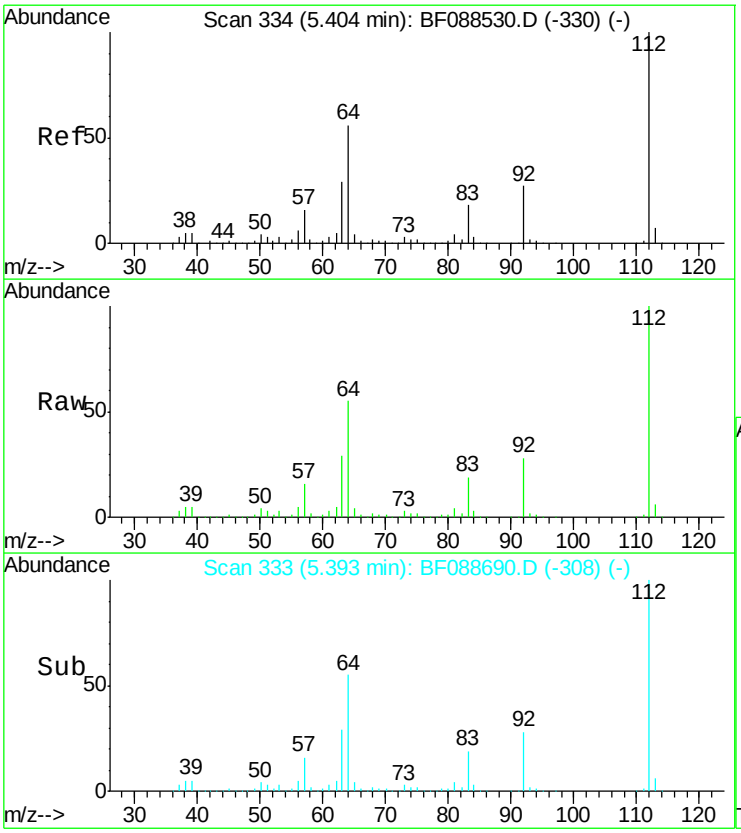
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion:152 Resp: 110501

Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.8	185.6
115	67.7	39.6	59.4#

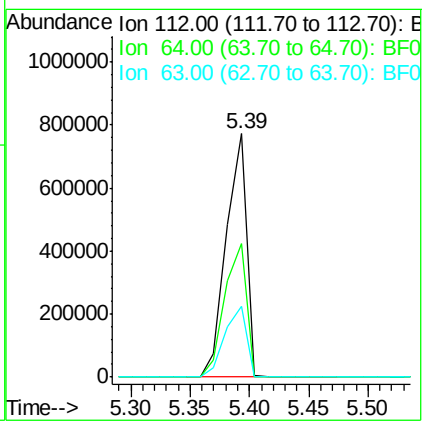


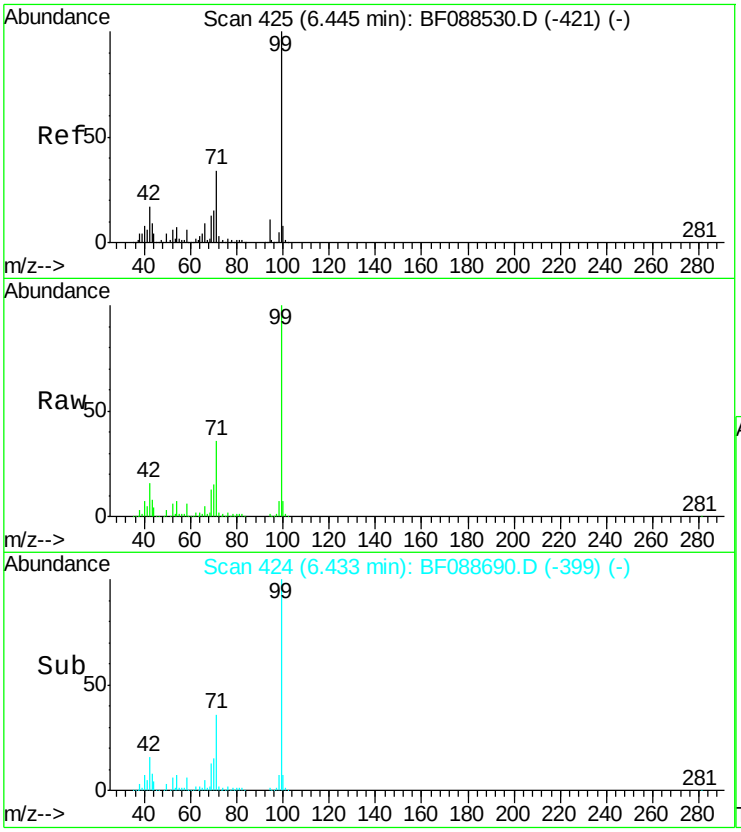


#5
2-Fluorophenol
Concen: 124.58 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion:112 Resp: 918549

Ion	Ratio	Lower	Upper
112	100		
64	54.7	42.2	63.2
63	28.9	21.8	32.8



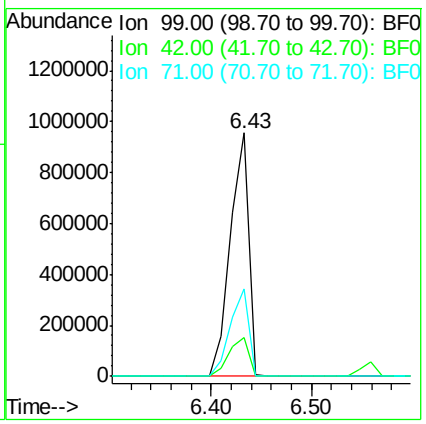


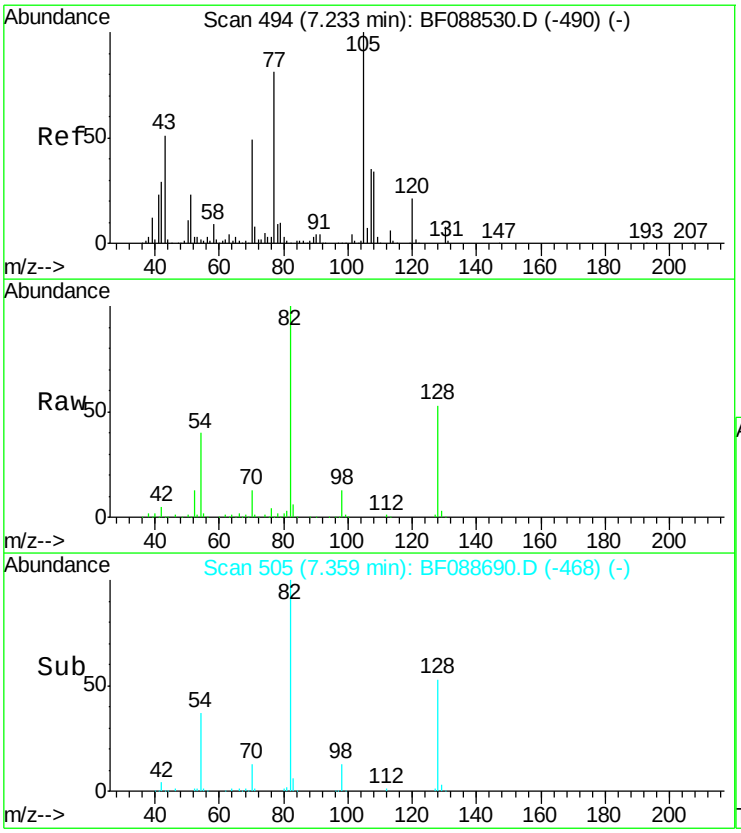
#7
Phenol-d6
Concen: 127.42 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion: 99 Resp: 1213926

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.2	18.2
71	35.8	23.4	35.0#

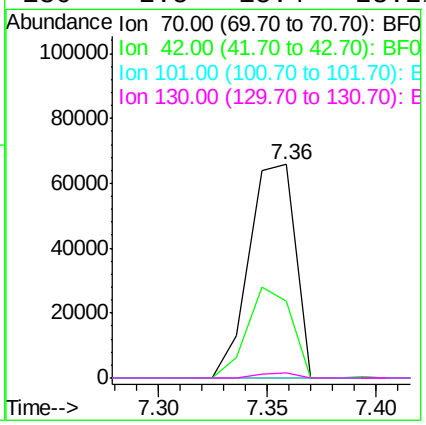


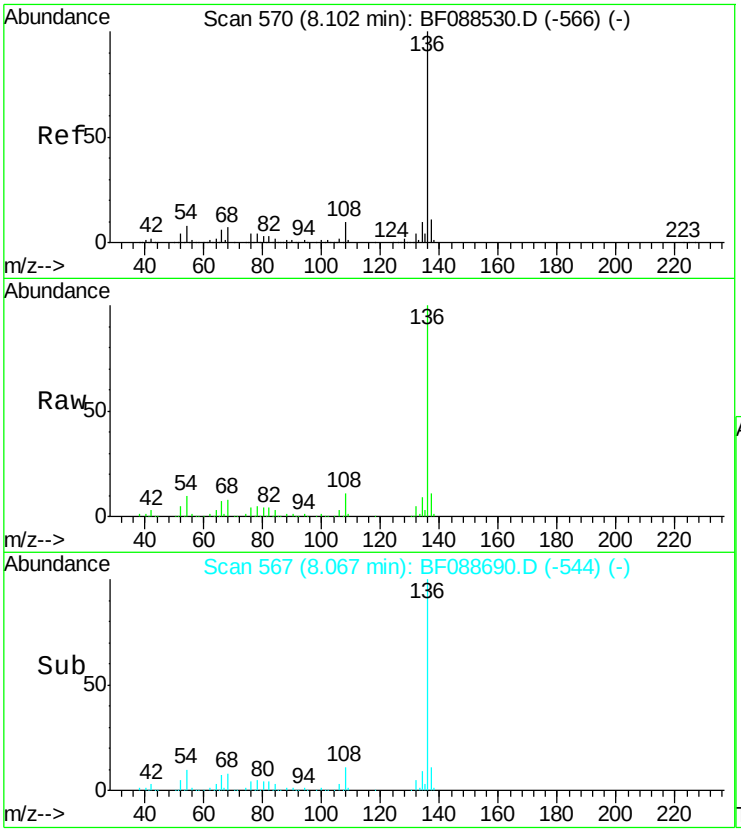


#19
n-Nitroso-di-n-propylamine
Concen: 15.29 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.13 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion: 70 Resp: 97815

Ion	Ratio	Lower	Upper
70	100		
42	35.7	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#



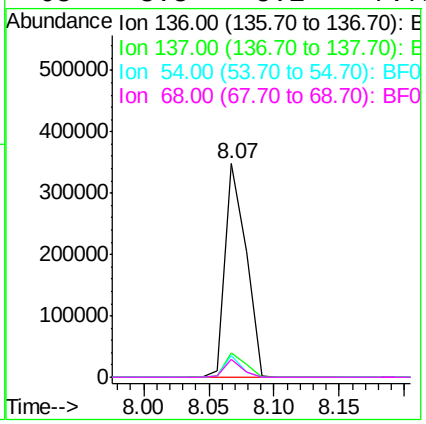


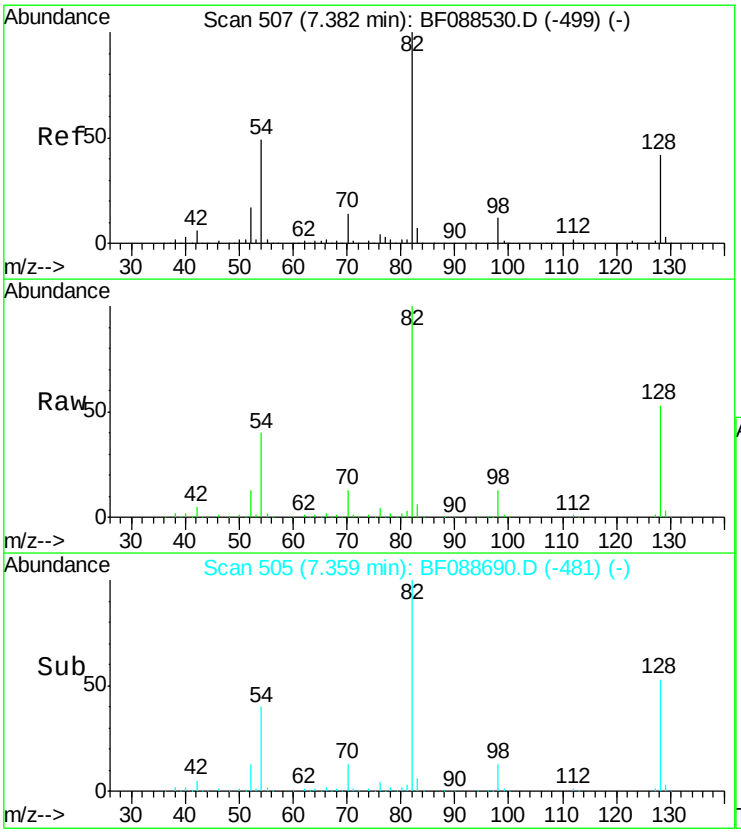
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion:136 Resp: 388686

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.2	6.6	10.0#
68	8.3	5.1	7.7#

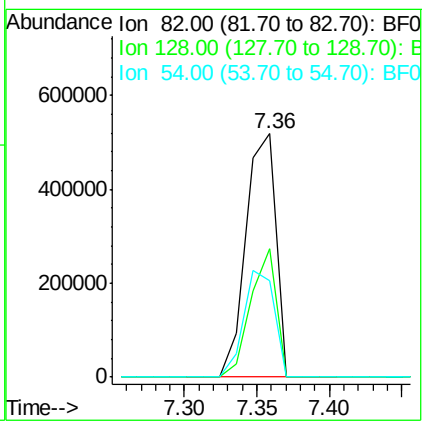


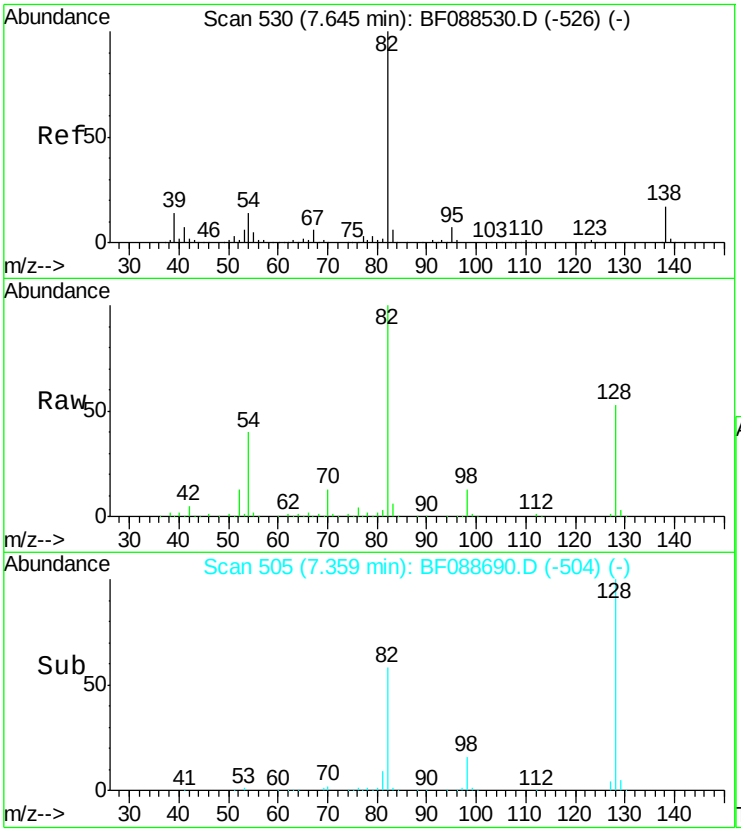


#23
Nitrobenzene-d5
Concen: 100.02 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion: 82 Resp: 741820

Ion	Ratio	Lower	Upper
82	100		
128	52.8	35.9	53.9
54	39.7	40.9	61.3#



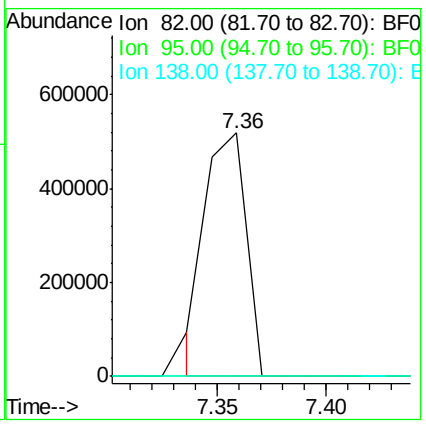


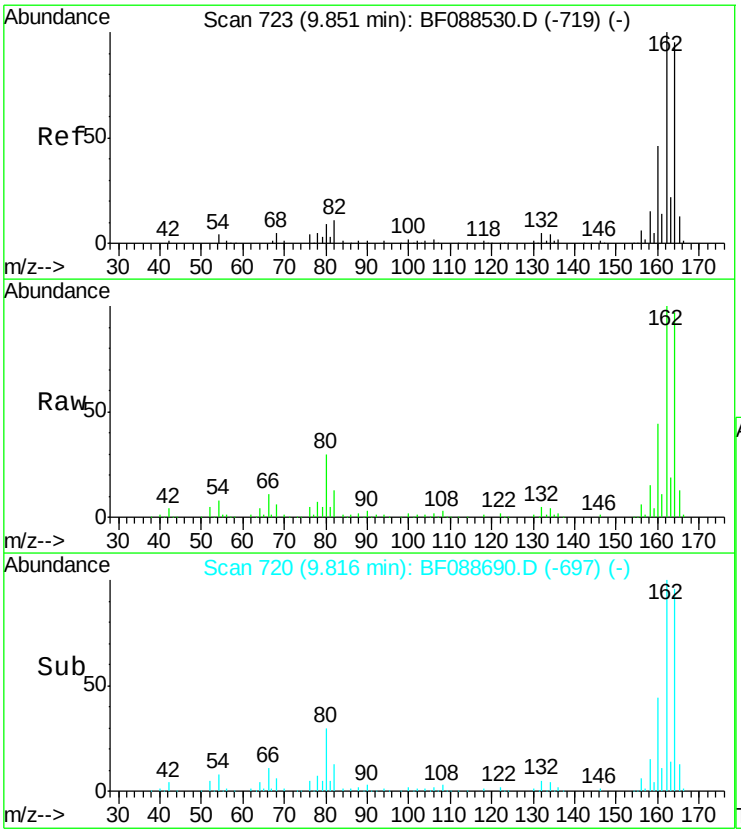
#25
Isophorone
Concen: 49.27 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.29 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion: 82 Resp: 676915

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

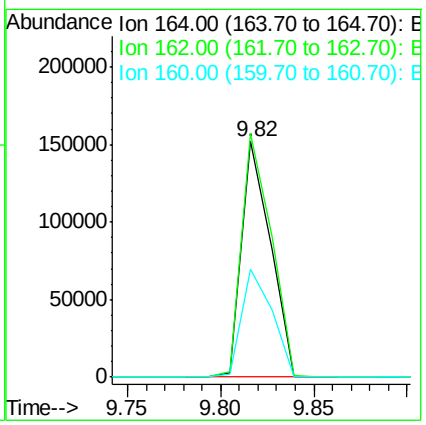


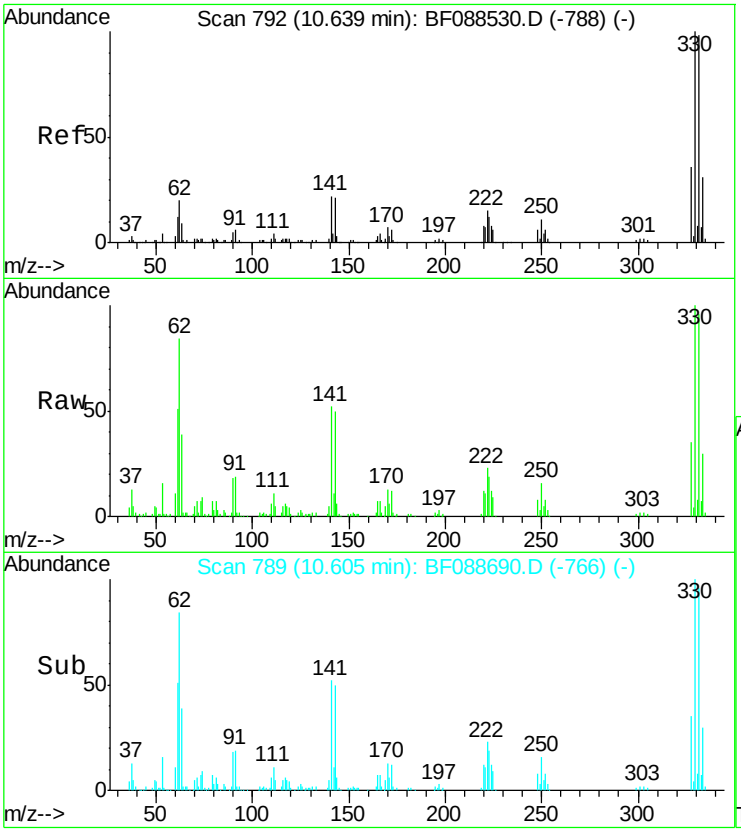


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion:164 Resp: 162987

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.4	128.2
160	45.9	39.5	59.3



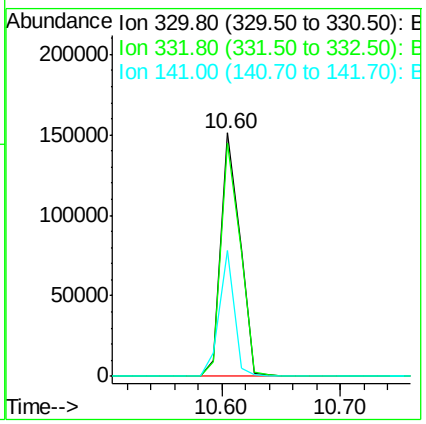


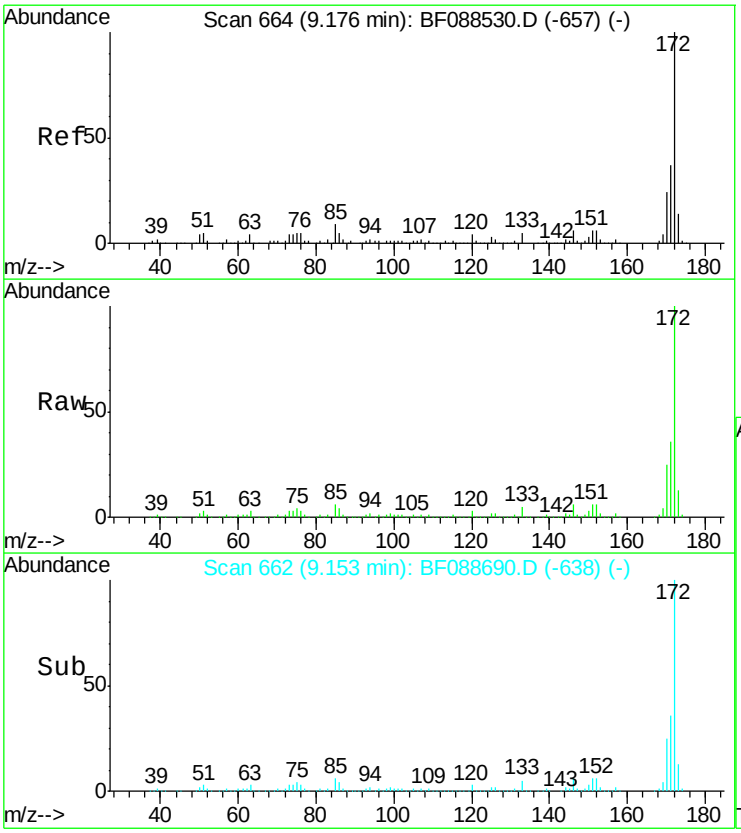
#41
2,4,6-Tribromophenol
Concen: 110.95 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion:330 Resp: 167917

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	41.0	0.0	0.0#

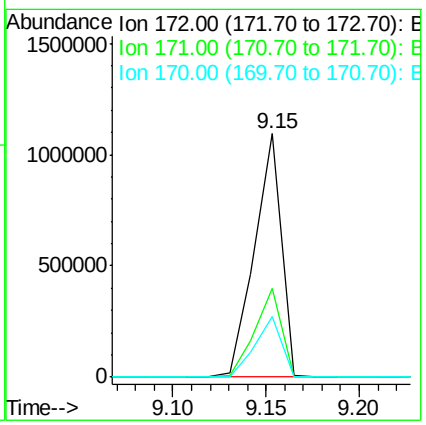


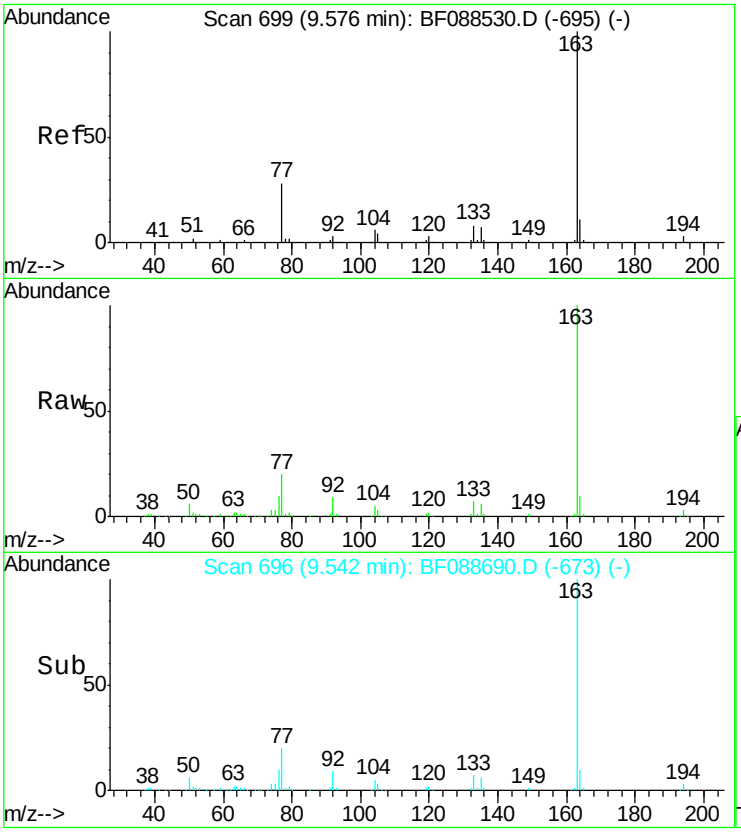


#44
2-Fluorobiphenyl
Concen: 105.06 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion:172 Resp: 1084086

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.8	19.2	28.8



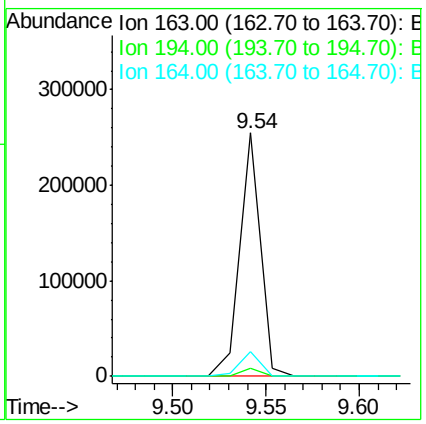


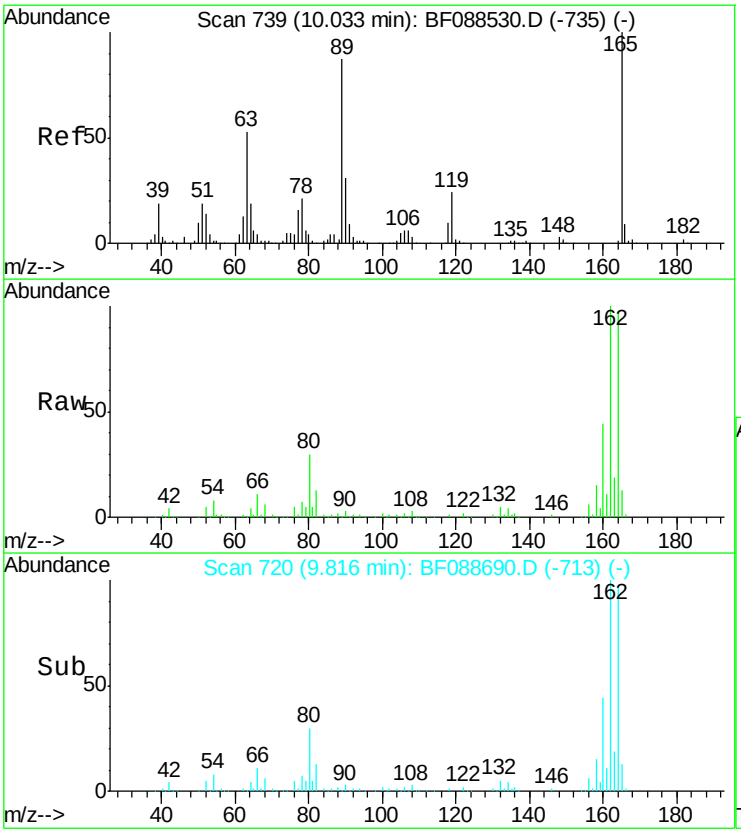
#49
Dimethylphthalate
Concen: 17.01 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion:163 Resp: 197564

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.0	8.3	12.5

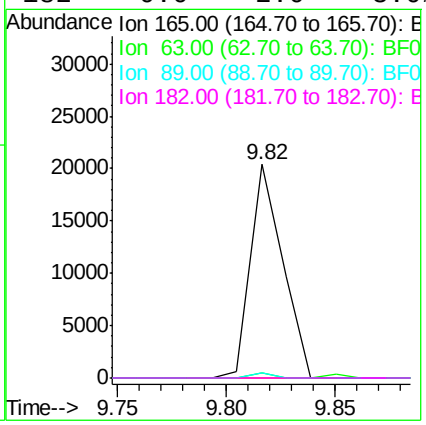


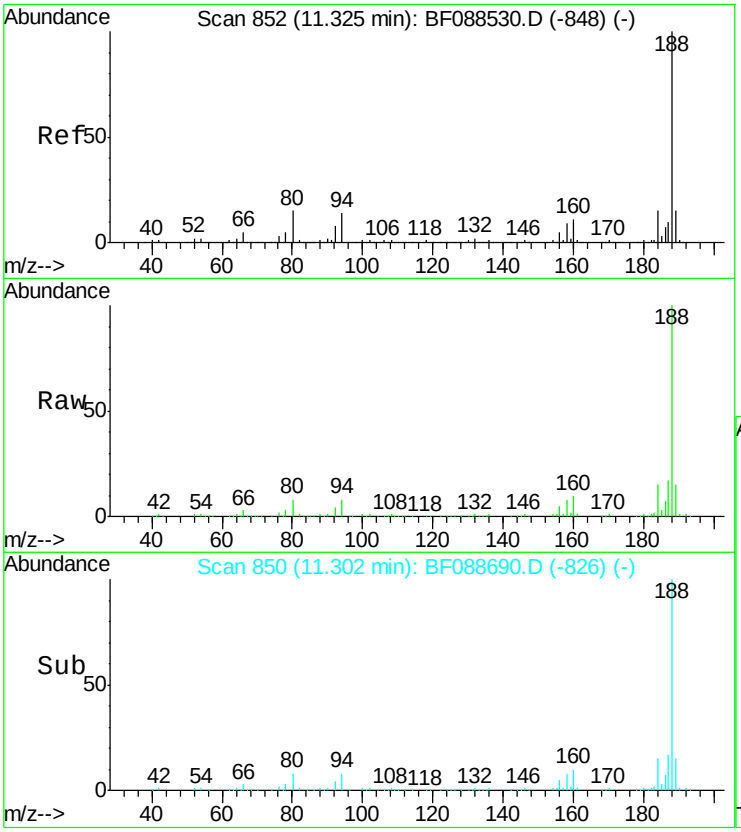


#56
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion:165 Resp: 21057

Ion	Ratio	Lower	Upper
165	100		
63	2.2	22.0	33.0#
89	2.2	41.1	61.7#
182	0.0	2.0	3.0#



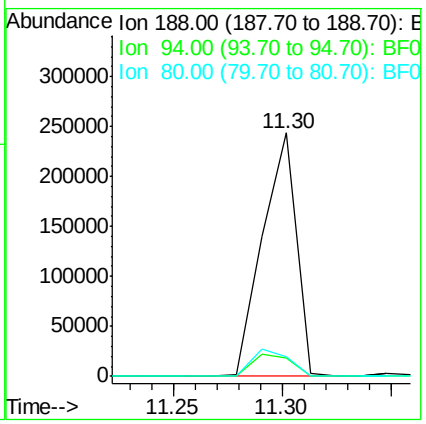


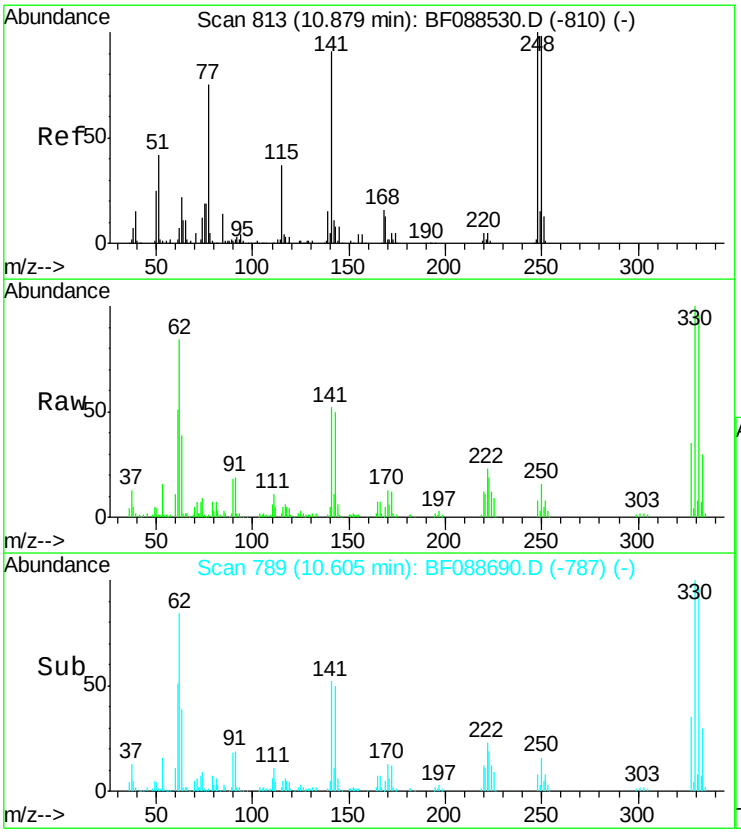
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion:188 Resp: 266243

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.6#
80	8.0	10.0	15.0#

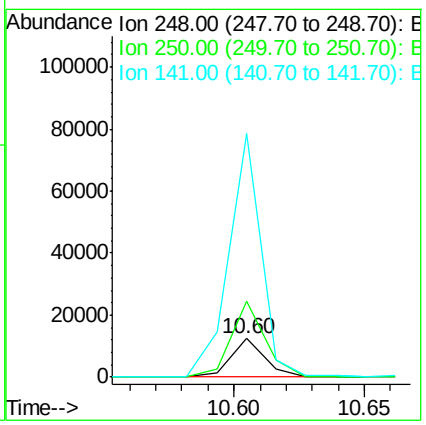


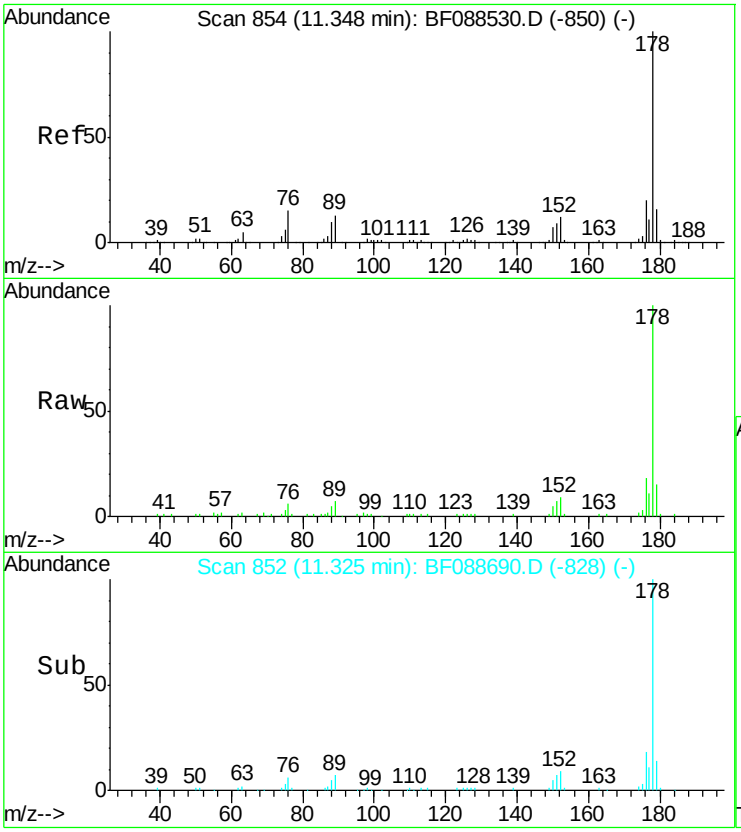


#66
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion:248 Resp: 10985

Ion	Ratio	Lower	Upper
248	100		
250	197.4	77.1	115.7#
141	634.4	50.6	76.0#



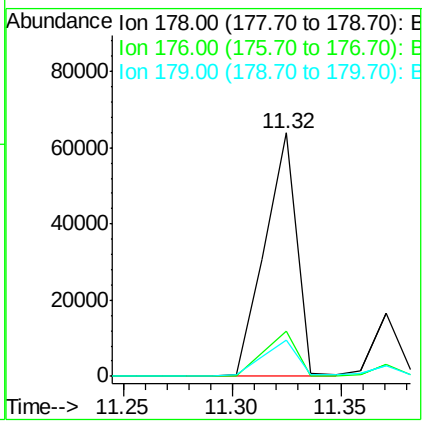


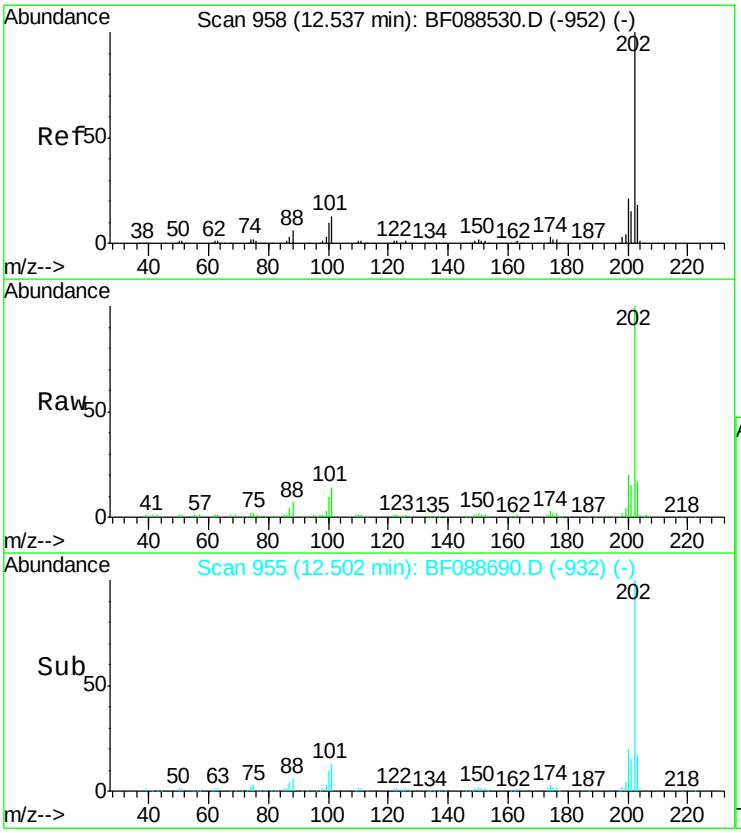
#70
Phenanthrene
Concen: 4.53 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion:178 Resp: 65889

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.6
179	14.7	13.0	19.4

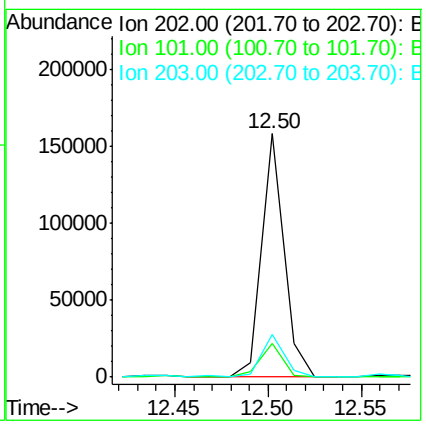


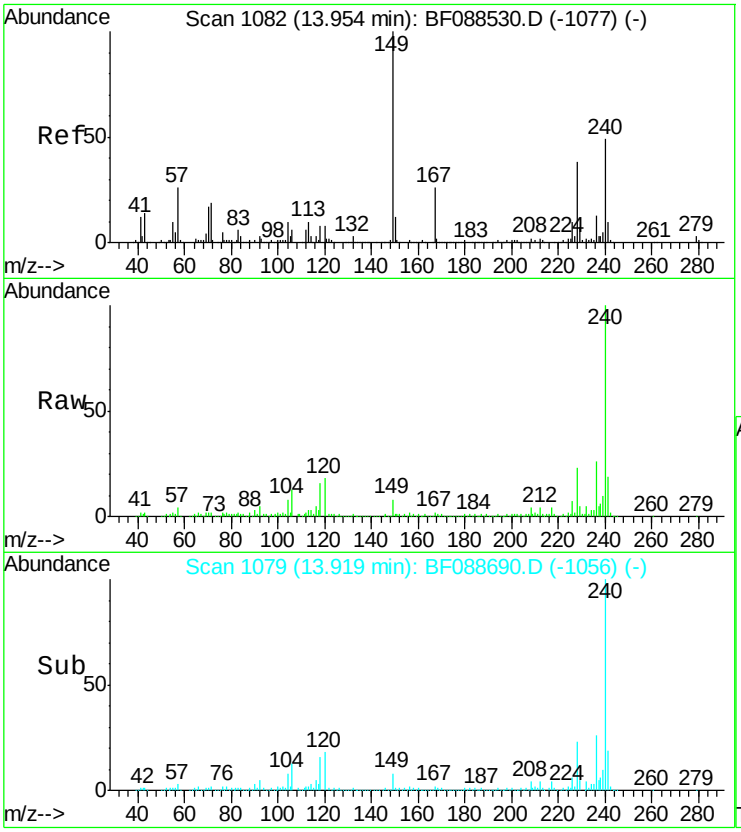


#74
Fluoranthene
Concen: 8.80 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion:202 Resp: 129863

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.1
203	17.4	0.0	38.1



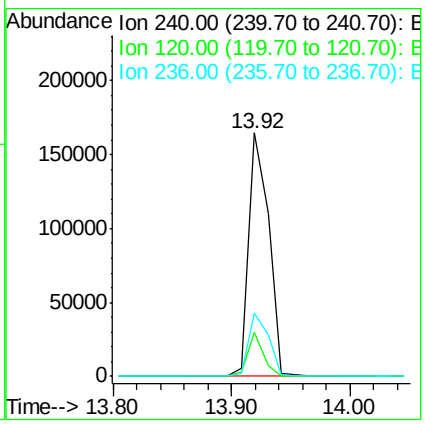


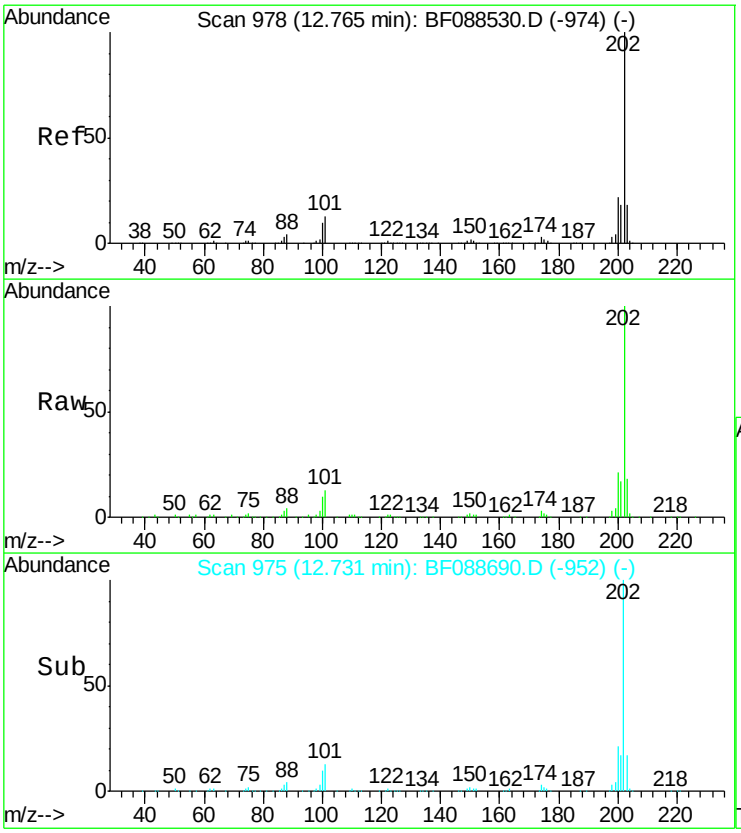
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion:240 Resp: 195882

Ion	Ratio	Lower	Upper
240	100		
120	18.0	6.8	10.2#
236	25.8	20.2	30.2

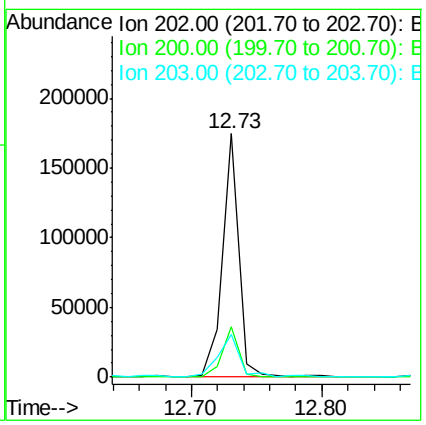


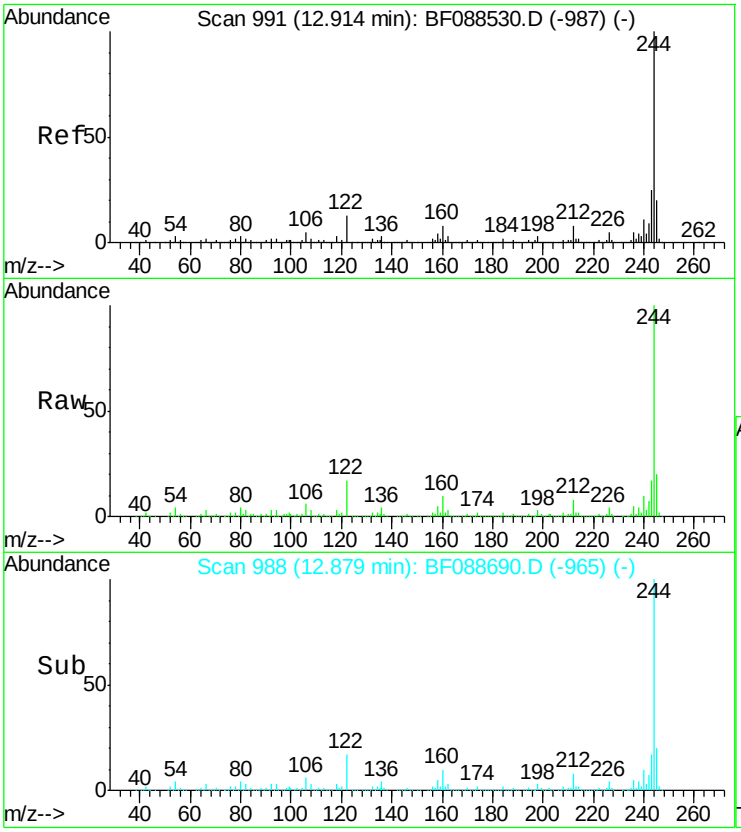


#77
Pyrene
Concen: 9.15 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion:202 Resp: 152043

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.7	14.5	21.7



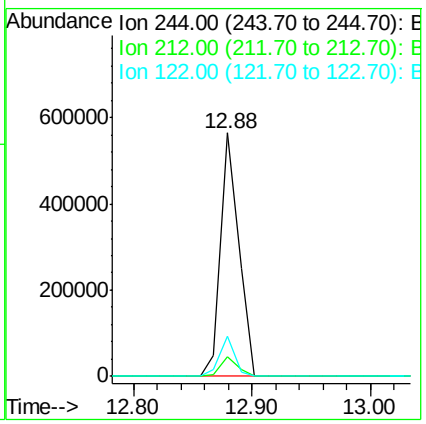


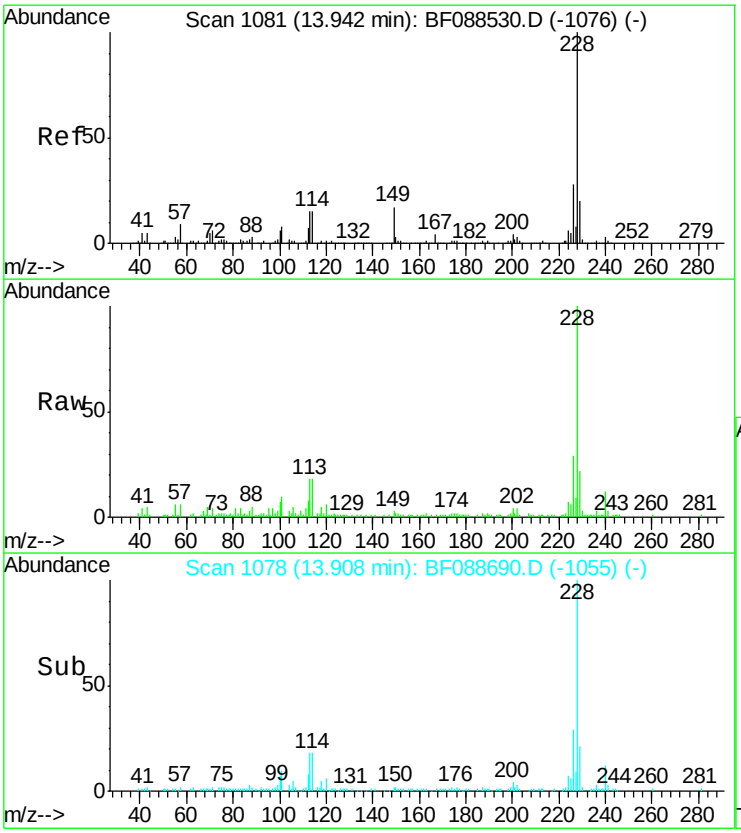
#78
Terphenyl-d14
Concen: 67.70 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion:244 Resp: 595364

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	16.7	11.2	16.8

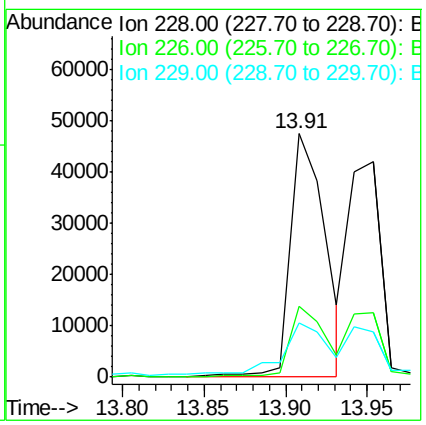


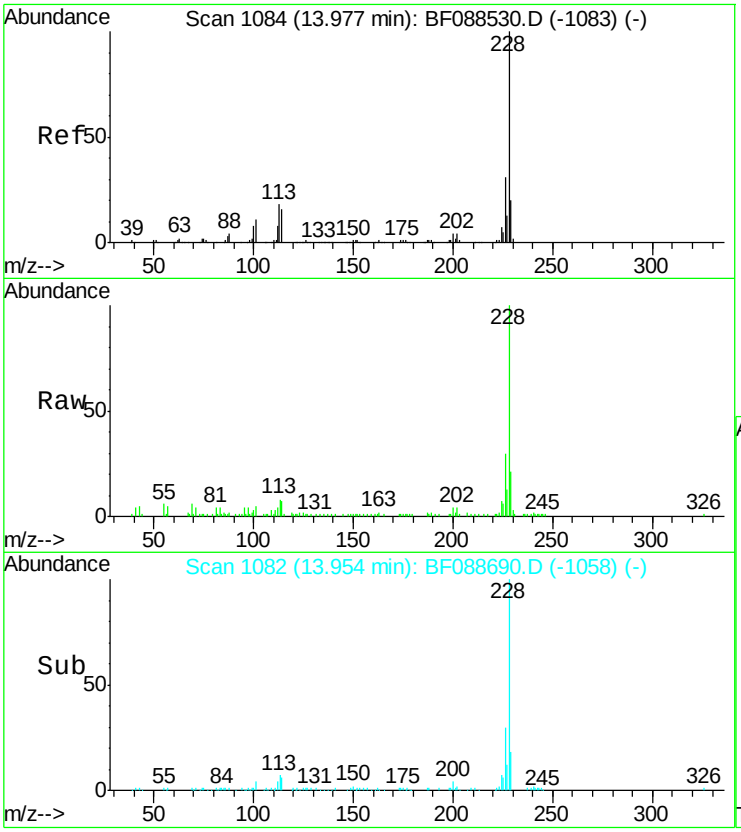


#80
Benzo(a)anthracene
Concen: 5.66 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion:228 Resp: 71345

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.3	33.5
229	22.3	16.0	24.0



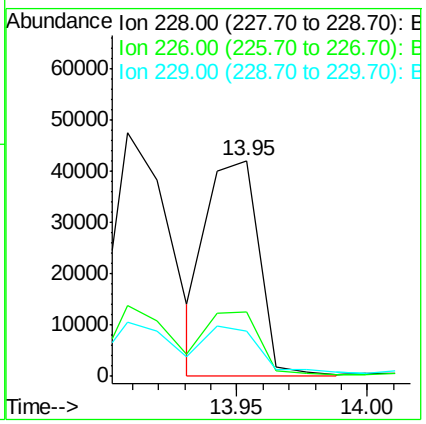


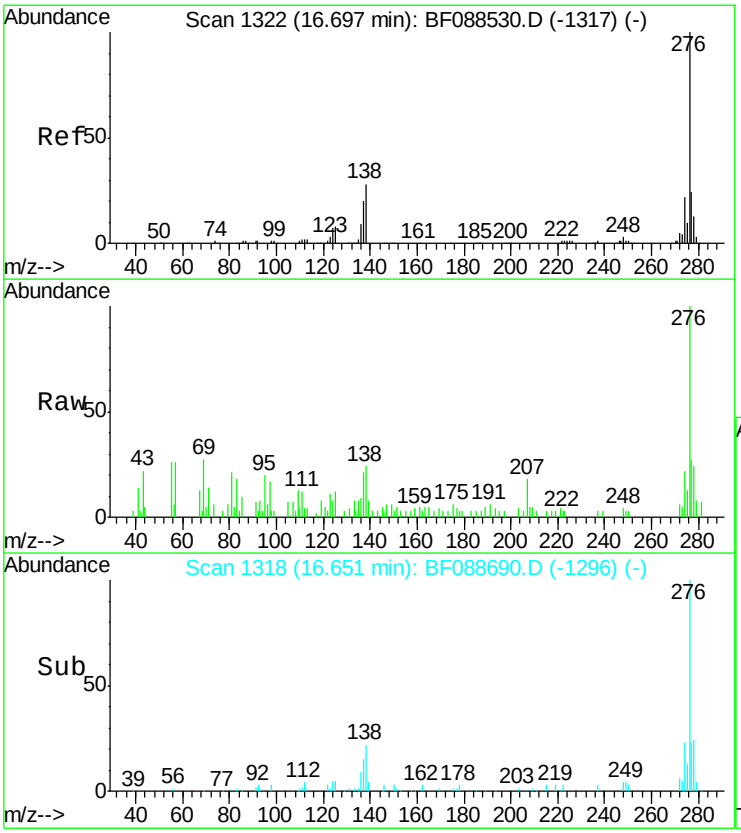
#82
Chrysene
Concen: 4.70 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion:228 Resp: 58639

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.2
229	20.9	16.3	24.5

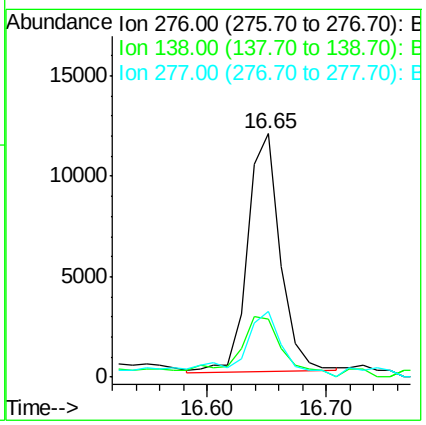


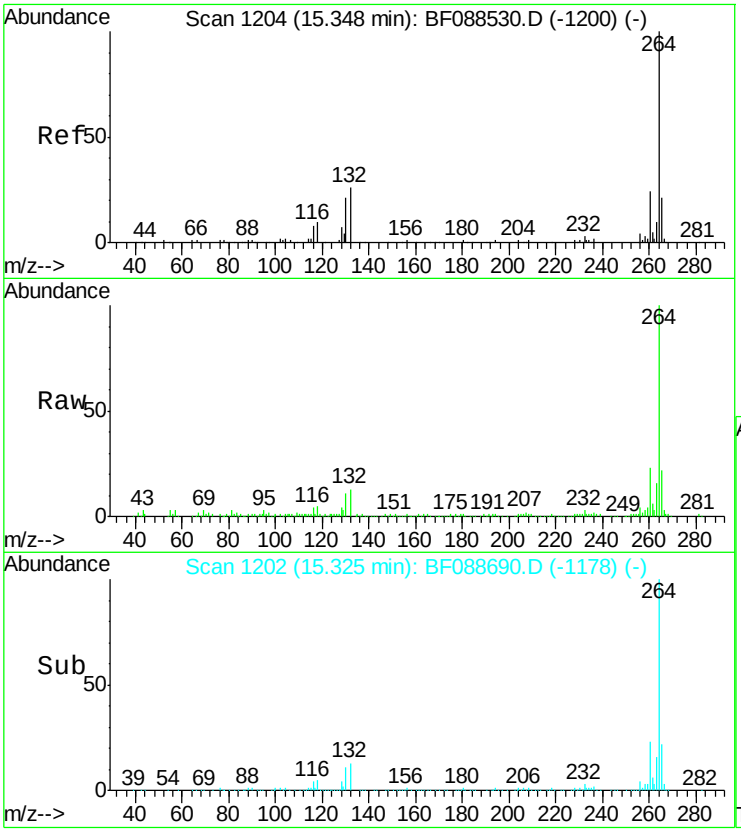


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.35 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion:276 Resp: 22599

Ion	Ratio	Lower	Upper
276	100		
138	35.2	0.0	0.0#
277	40.4	0.0	0.0#



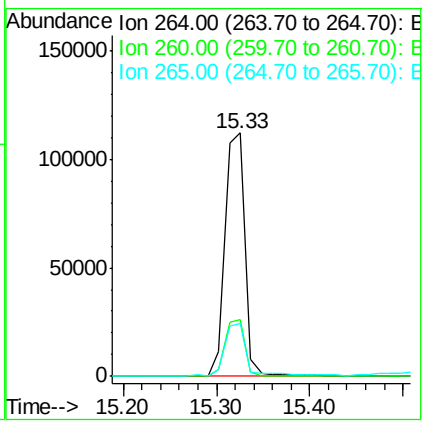


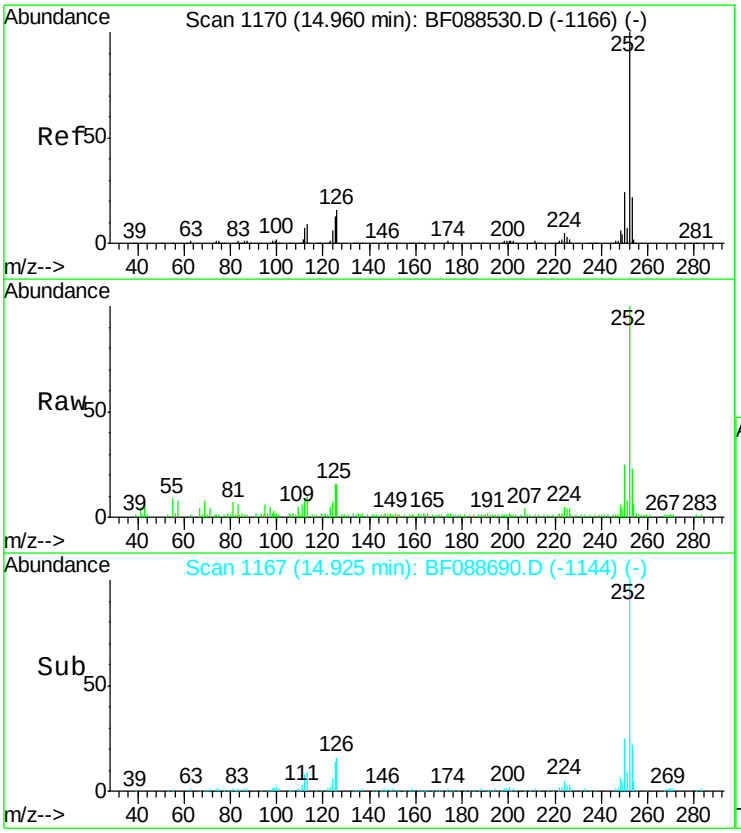
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion:264 Resp: 168175

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	16.9	25.3

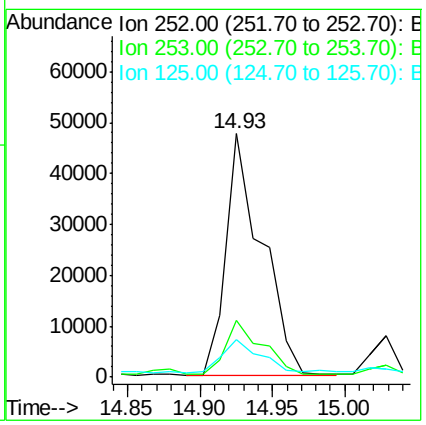


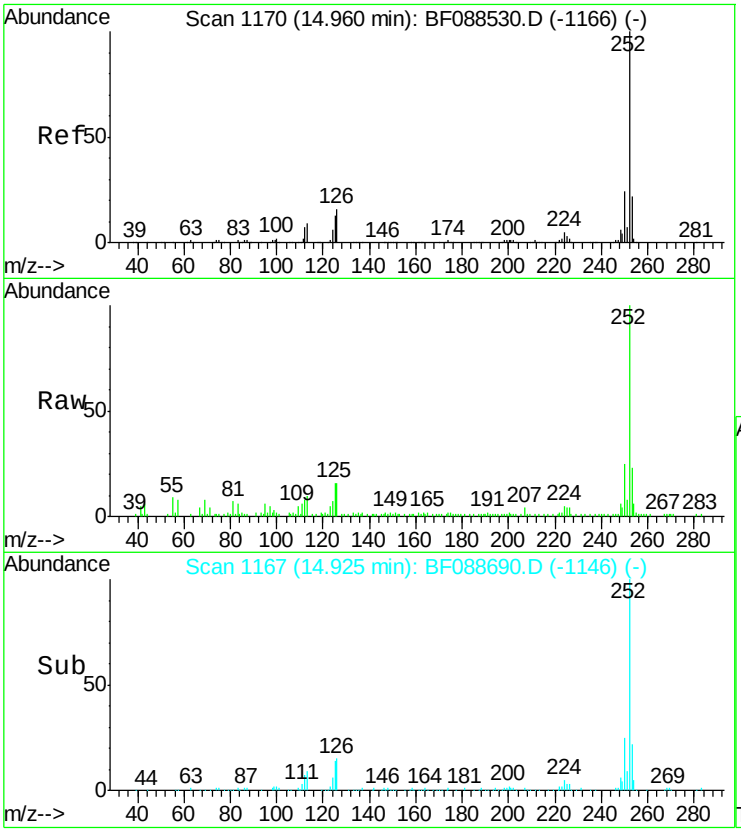


#87
Benzo(b)fluoranthene
Concen: 7.74 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion:252 Resp: 81686

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	15.6	7.1	10.7#



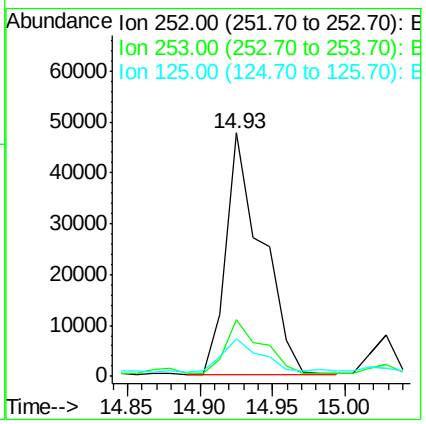


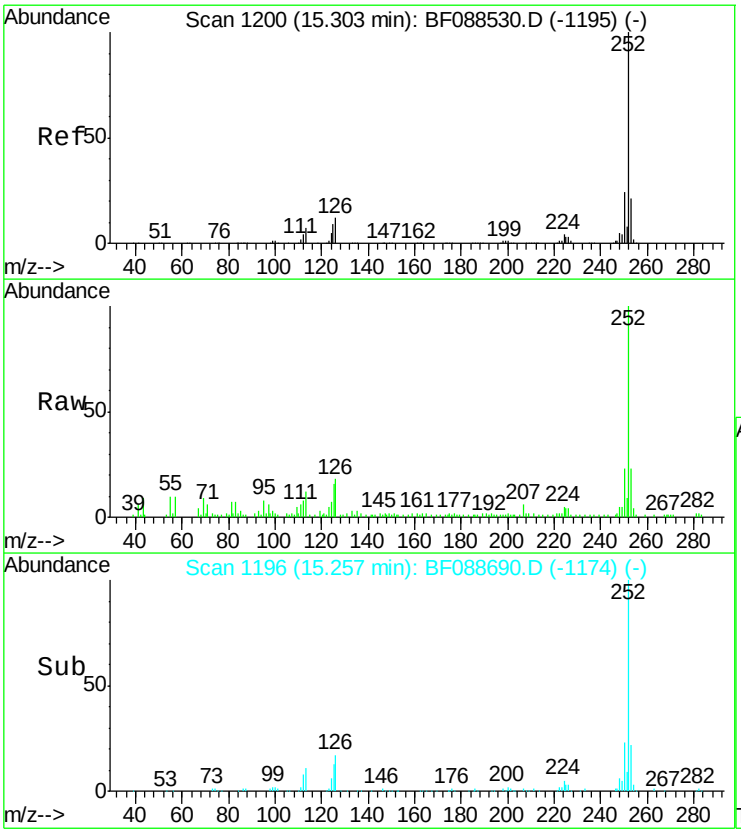
#88
Benzo(k)fluoranthene
Concen: 8.89 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion:252 Resp: 81612

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.6	11.2	16.8

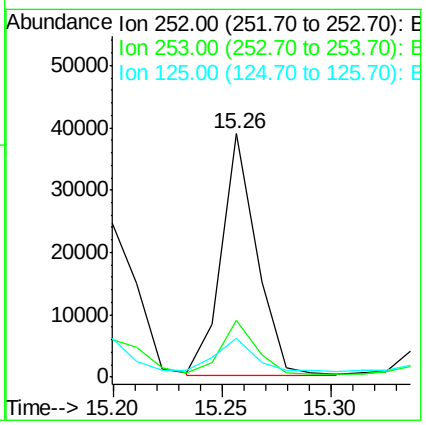


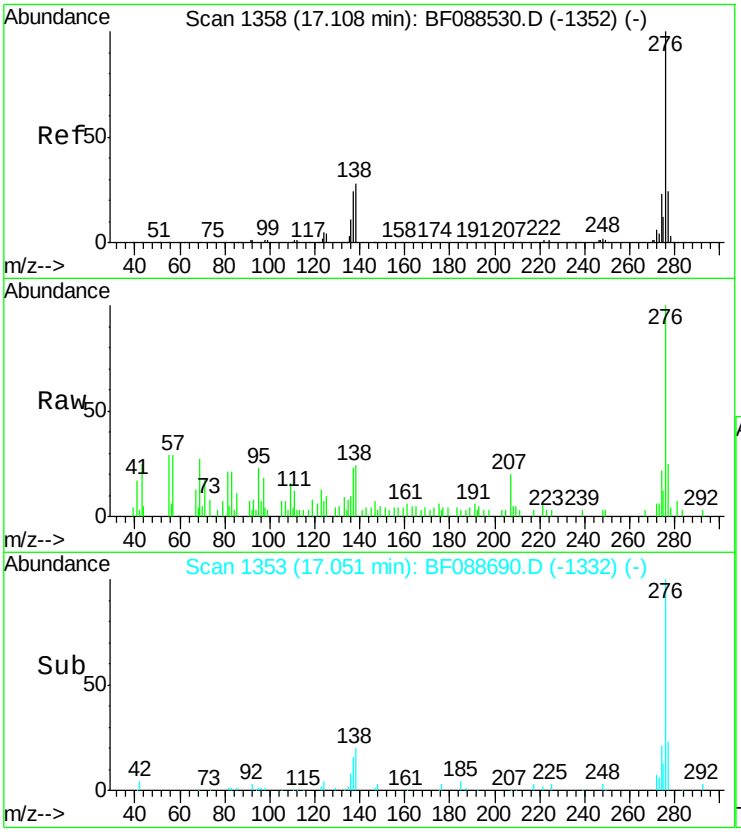


#89
Benzo(a)pyrene
Concen: 4.88 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Tgt Ion:252 Resp: 43592

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	15.9	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 2.96 ng
RT: 17.05 min Scan# 1353
Delta R.T. -0.06 min
Lab File: BF088690.D
Acq: 4 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
D10-B3(6-12)C

Tgt Ion:276 Resp: 22877

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.9	28.3
138	23.8	21.4	32.2