Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088800.D
Acq On : 8 Jul 2016 1:32
Operator : UM/SJ
Sample : H3889-04 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-4

Quant Time: Jul 08 03:54:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 01:56:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	87080	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	302488	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	121054	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	191424	20.00	ng		0.00
75) Chrysene-d12	13.89	240	176329	20.00	ng		0.00
86) Perylene-d12	15.27	264	146098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	82040	14.12	ng		0.00
7) Phenol-d6	6.38	99	103321	13.76	ng		-0.01
23) Nitrobenzene-d5	7.30	82	67133	11.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	15226	13.54	ng		-0.01
44) 2-Fluorobiphenyl	9.11	172	102025	13.31	ng		0.00
78) Terphenyl-d14	12.83	244	65979	8.33	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.30	82	58119	5.44	ng	#	65
49) Dimethylphthalate	9.50	163	95145	11.03	ng		99
51) Acenaphthene	9.80	154	18874	2.46	ng		97
55) 4-Nitrophenol	9.98	139	3797	2.06	ng	#	5
56) 2,4-Dinitrotoluene	9.78	165	15573	6.23	ng	#	36
70) Phenanthrene	11.28	178	181039	17.30	ng		98
71) Anthracene	11.32	178	38127	3.66	ng		98
72) Carbazole	11.48	167	25683	2.62	ng		97
74) Fluoranthene	12.47	202	332936	31.39	ng		95
77) Pyrene	12.69	202	274941	18.39	ng		95
80) Benzo(a)anthracene	13.87	228	171993	15.15	ng		98
82) Chrysene	13.91	228	123482	10.99	ng		96
85) Indeno(1,2,3-cd)pyrene	16.58	276	57354	6.64	ng	#	100
87) Benzo(b)fluoranthene	14.89	252	226433	24.71	ng	#	97
88) Benzo(k)fluoranthene	14.89	252	226433	28.38	ng		98
89) Benzo(a)pyrene	15.21	252	101080	13.03	ng		99
91) Benzo(g,h,i)perylene	16.98	276	53328	7.95	ng		95

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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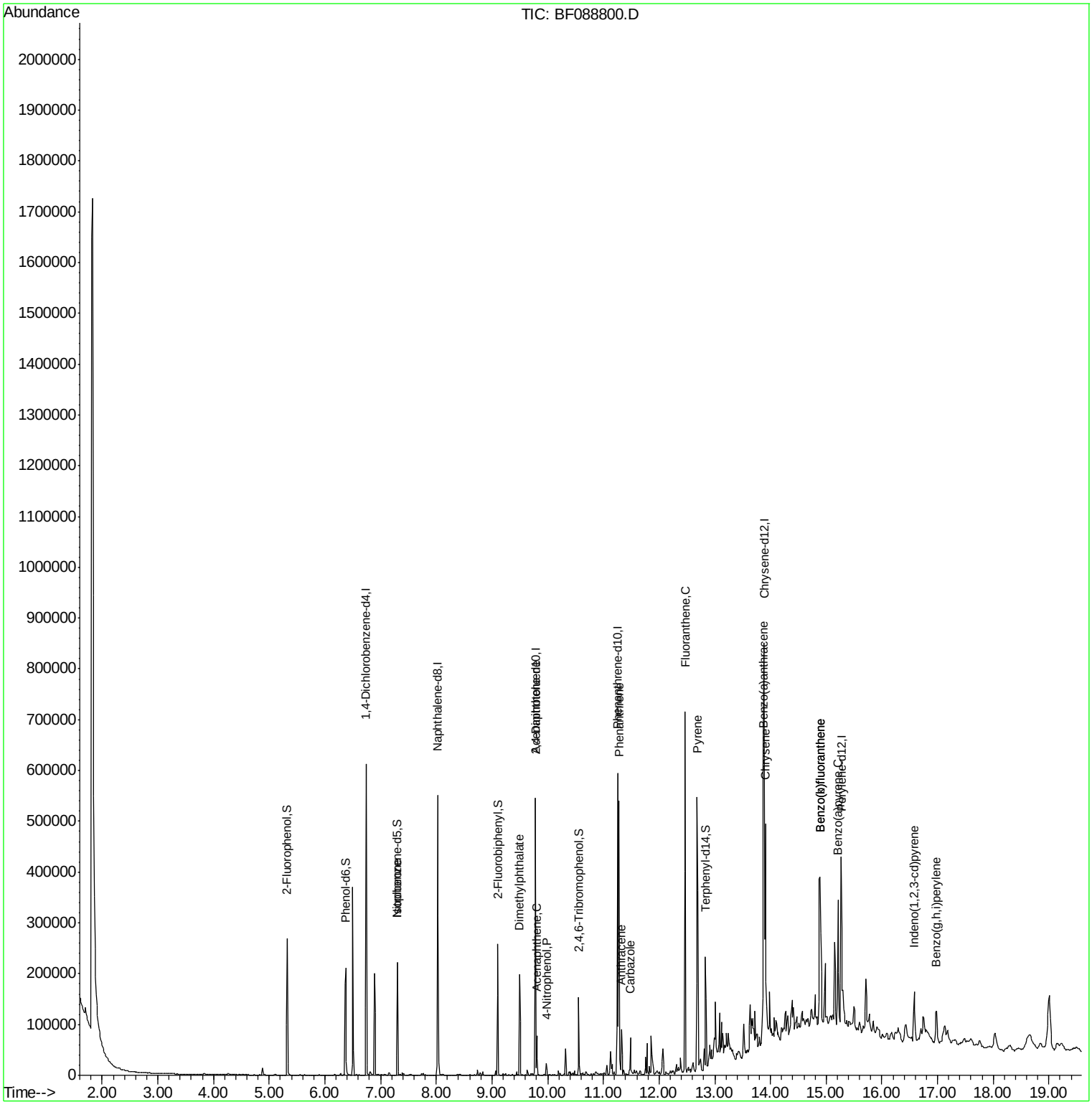
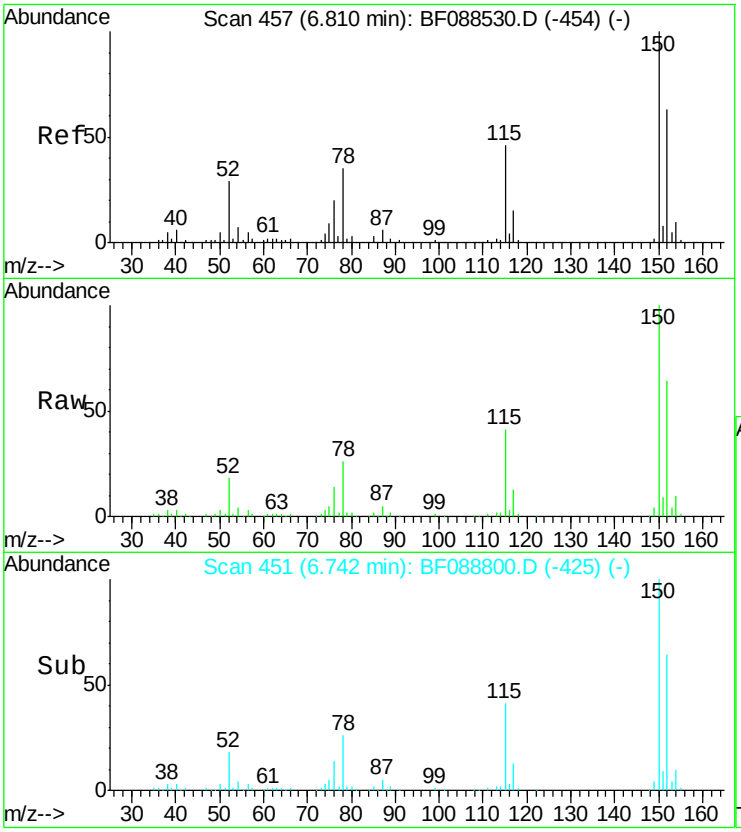


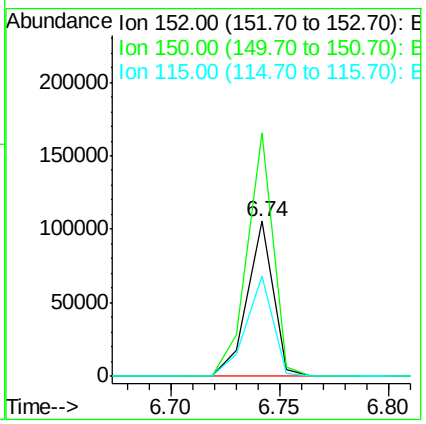


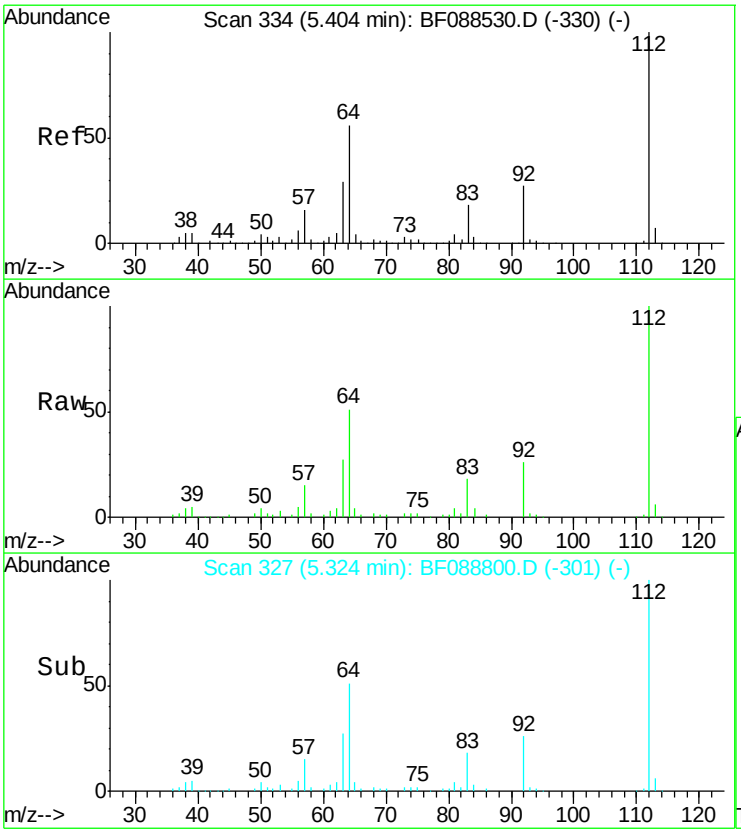
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:152 Resp: 87080

Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.8	185.6
115	64.9	39.6	59.4#

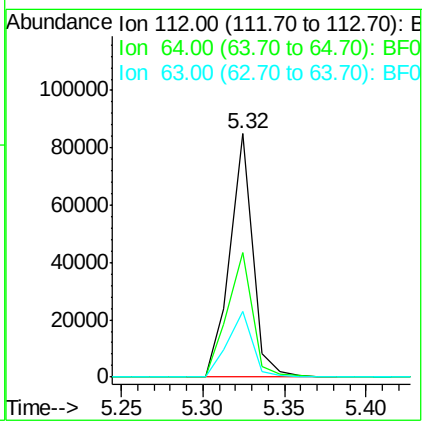


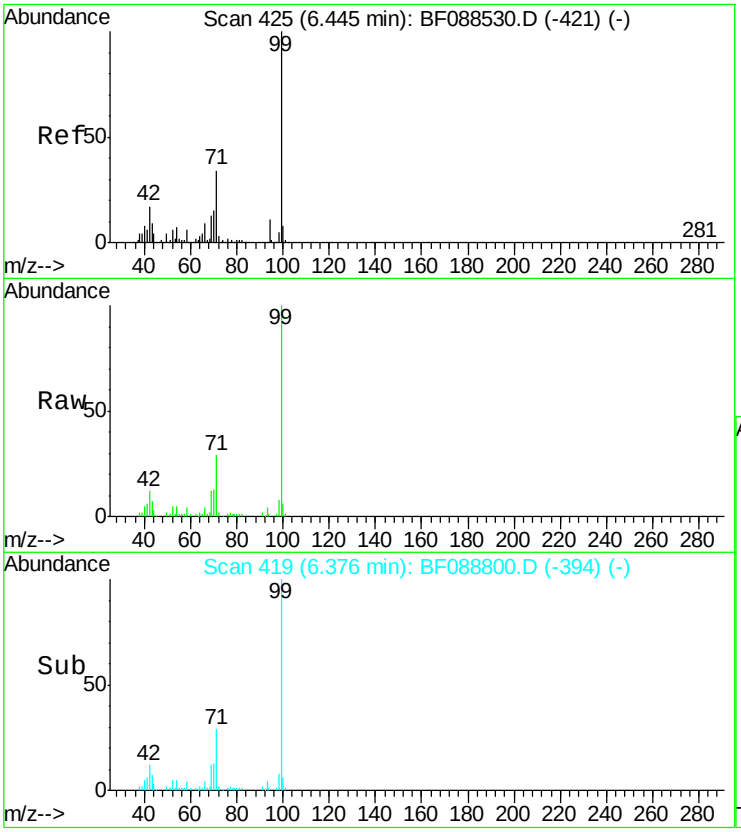


#5
2-Fluorophenol
Concen: 14.12 ng
RT: 5.32 min Scan# 327
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:112 Resp: 82040

Ion	Ratio	Lower	Upper
112	100		
64	51.1	42.2	63.2
63	26.9	21.8	32.8



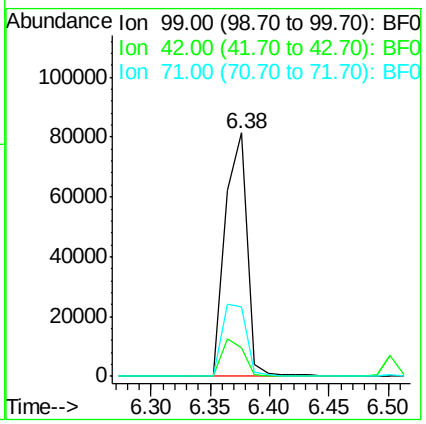


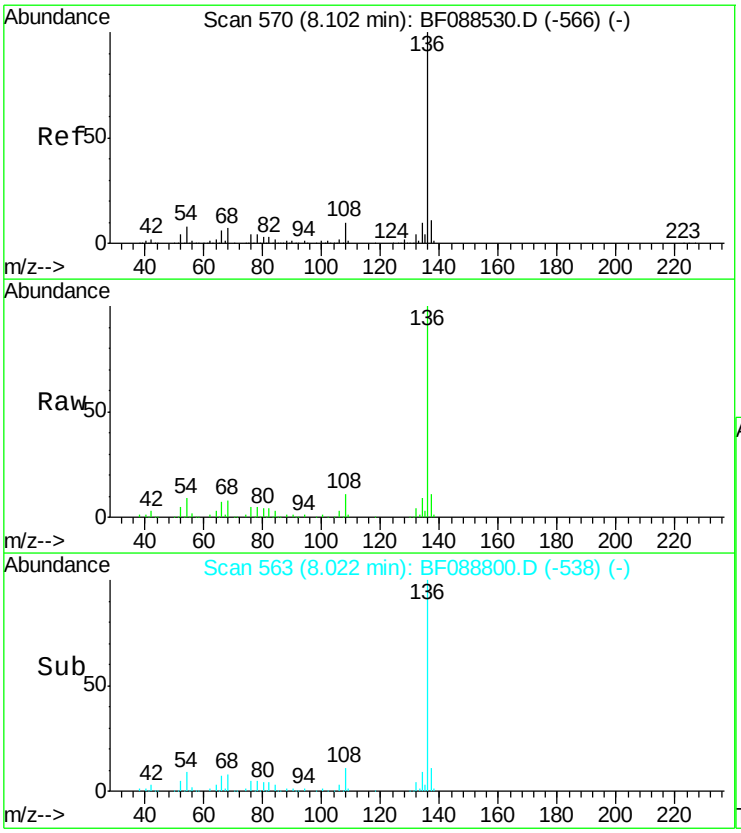
#7
Phenol-d6
Concen: 13.76 ng
RT: 6.38 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion: 99 Resp: 103321

Ion	Ratio	Lower	Upper
99	100		
42	11.9	12.2	18.2#
71	28.7	23.4	35.0

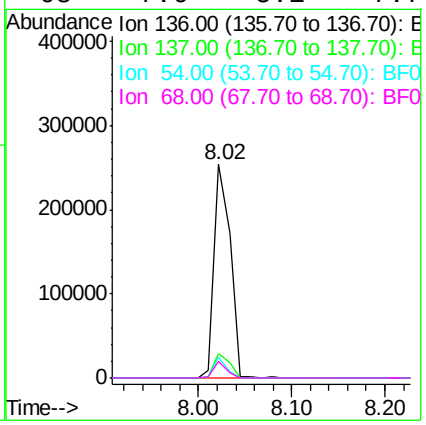


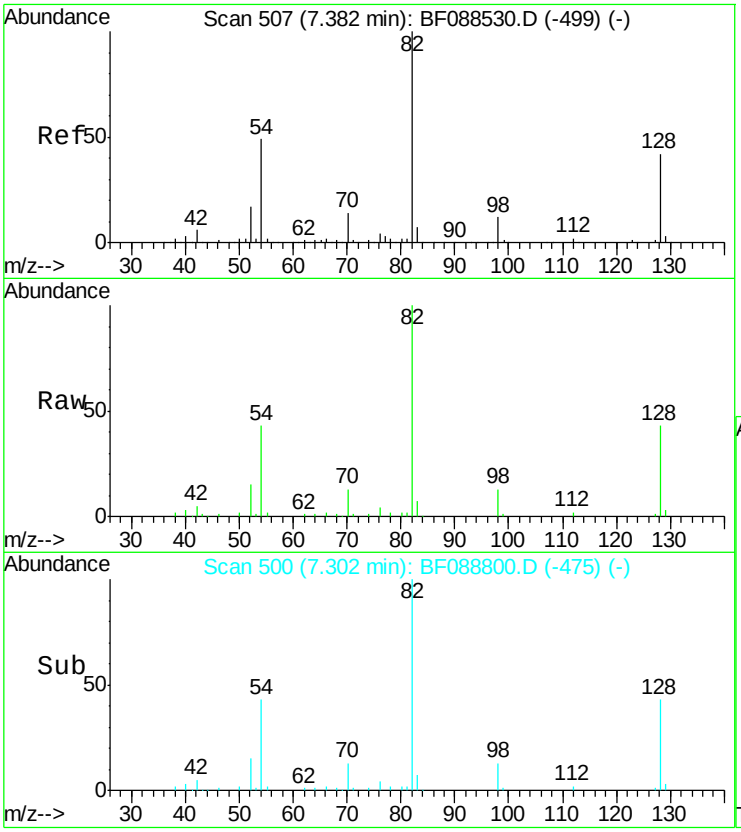


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:136 Resp: 302488

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.4	6.6	10.0
68	7.6	5.1	7.7



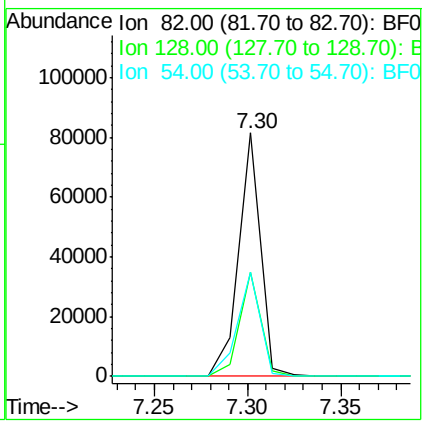


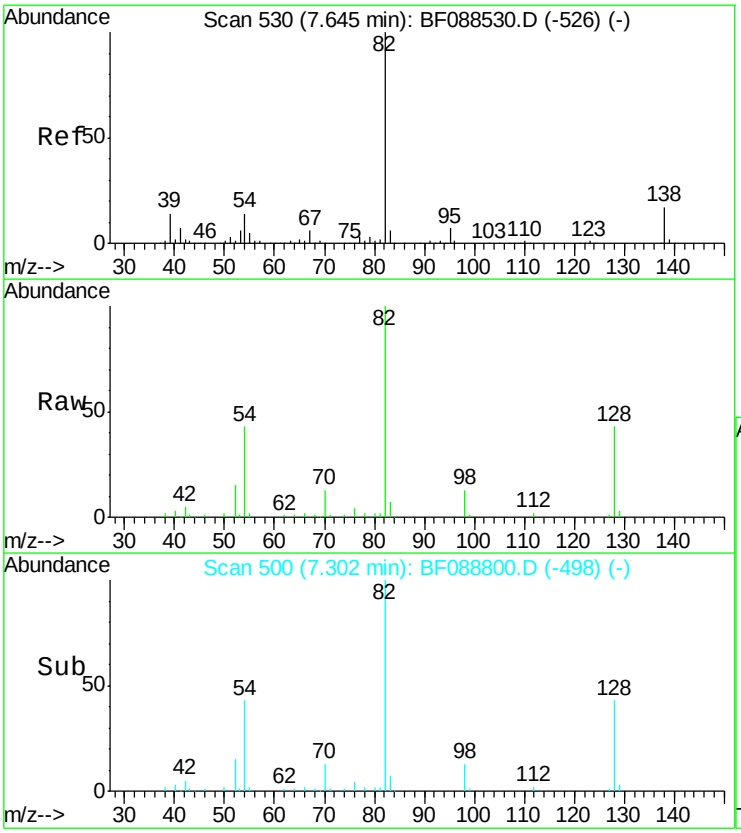
#23
Nitrobenzene-d5
Concen: 11.63 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion: 82 Resp: 67133

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.9	53.9
54	42.5	40.9	61.3

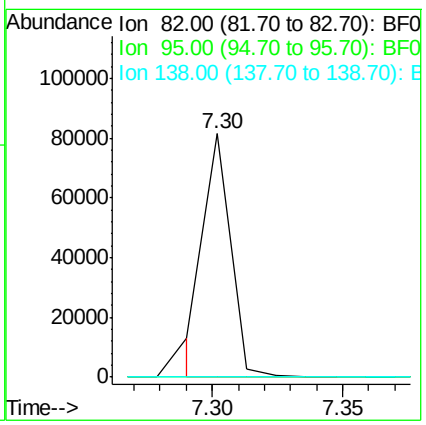


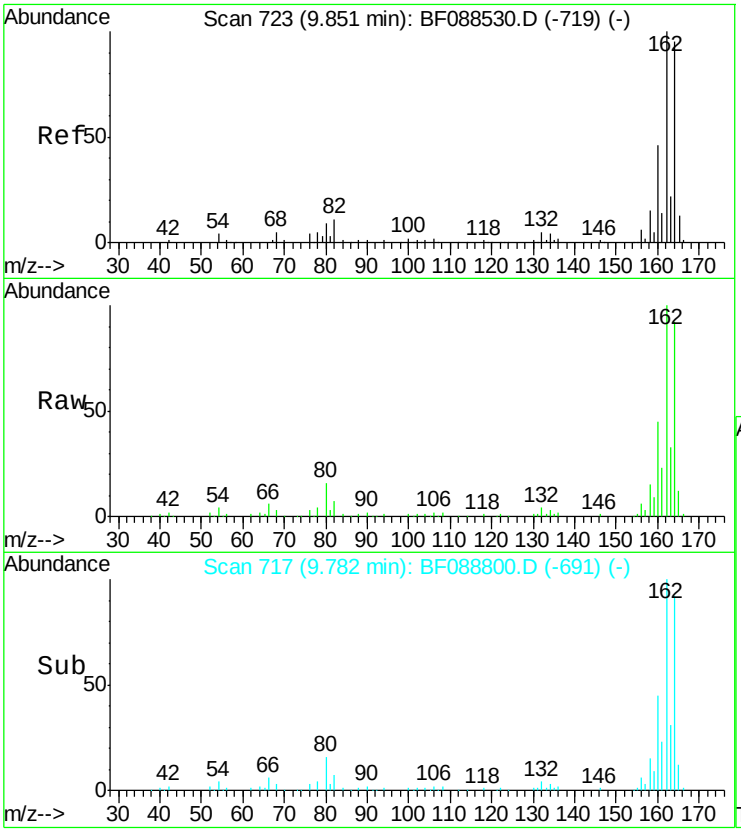


#25
Isophorone
Concen: 5.44 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.27 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion: 82 Resp: 58119

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



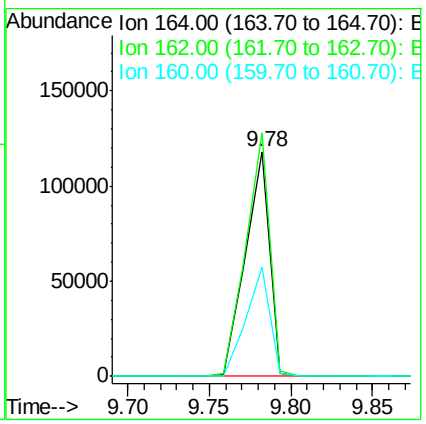


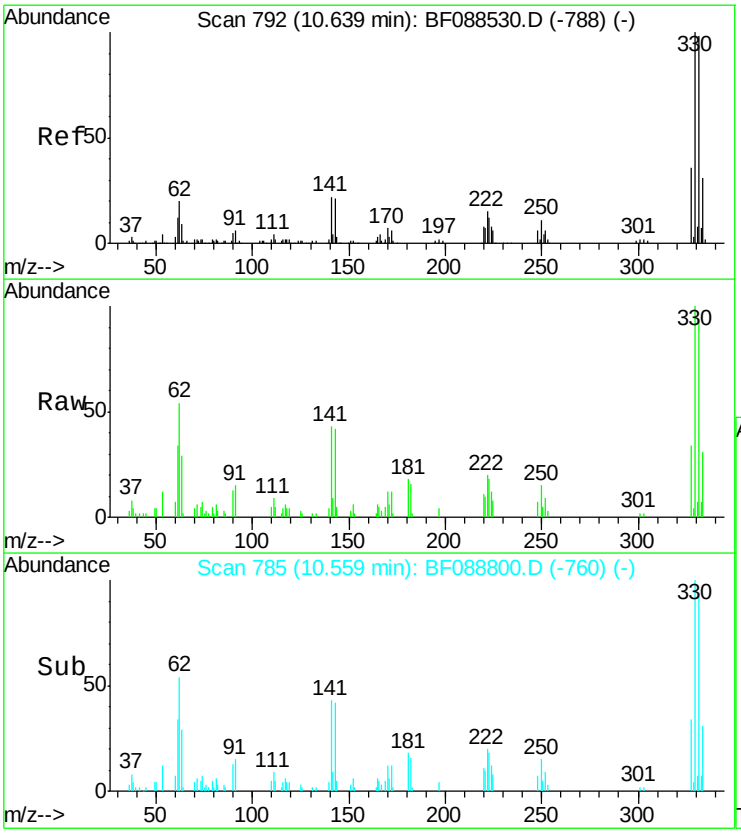
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:164 Resp: 121054

Ion	Ratio	Lower	Upper
164	100		
162	108.2	85.4	128.2
160	48.6	39.5	59.3

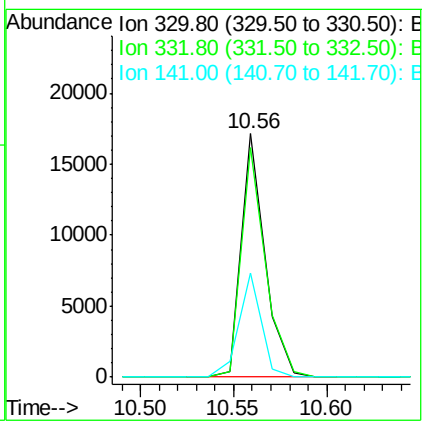


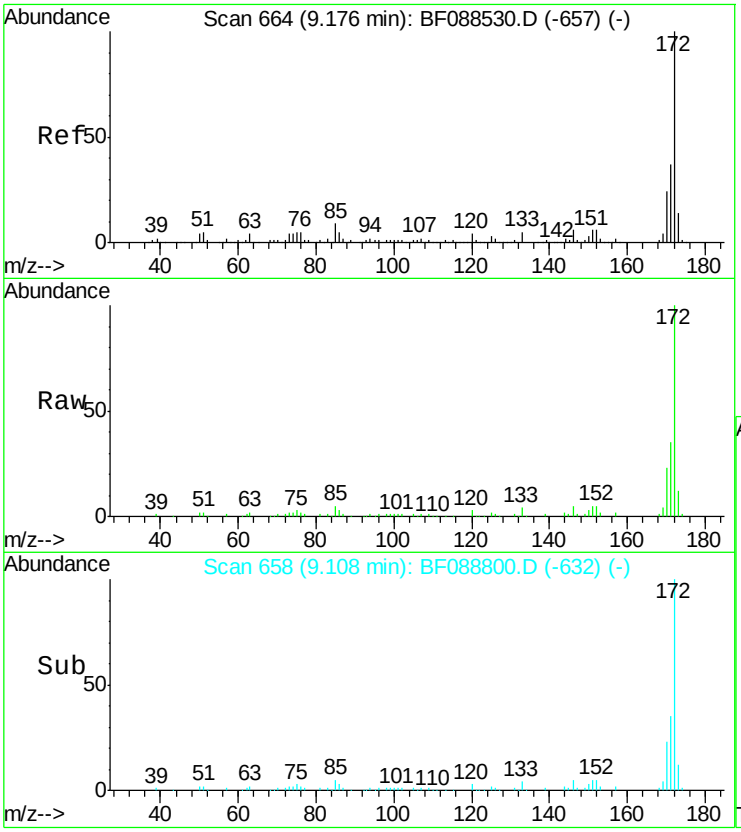


#41
2,4,6-Tribromophenol
Concen: 13.54 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:330 Resp: 15226

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	40.7	0.0	0.0#



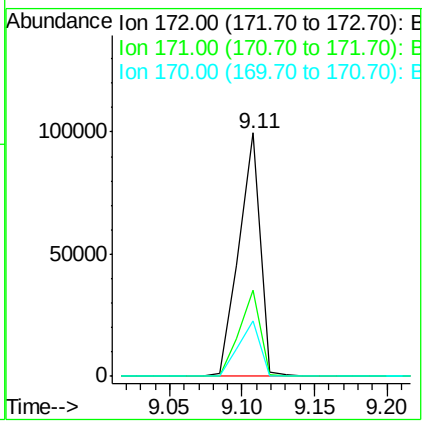


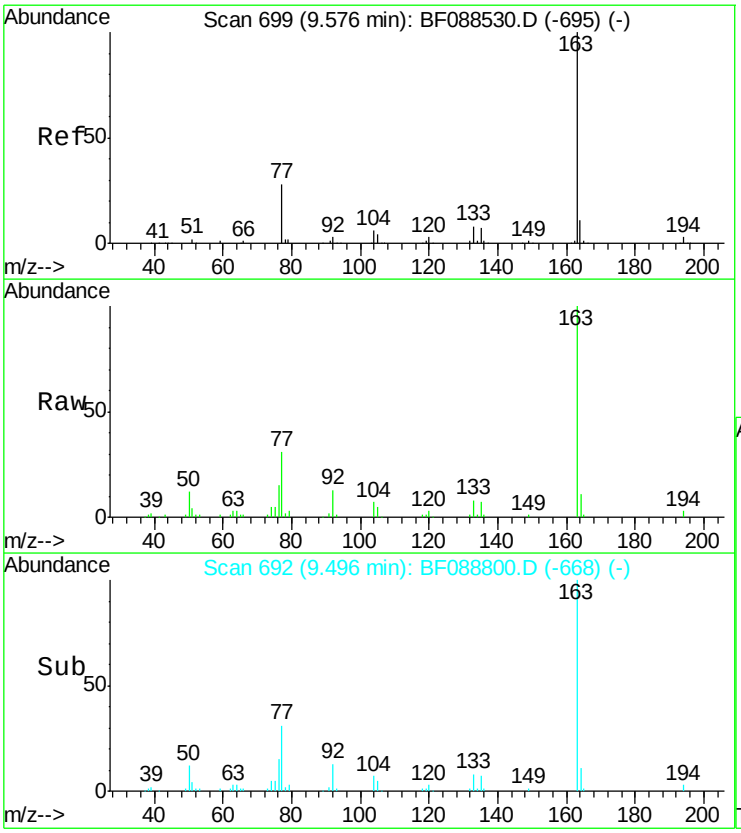
#44
2-Fluorobiphenyl
Concen: 13.31 ng
RT: 9.11 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:172 Resp: 102025

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	22.7	19.2	28.8

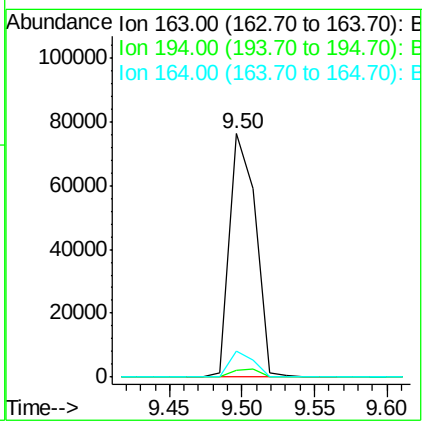


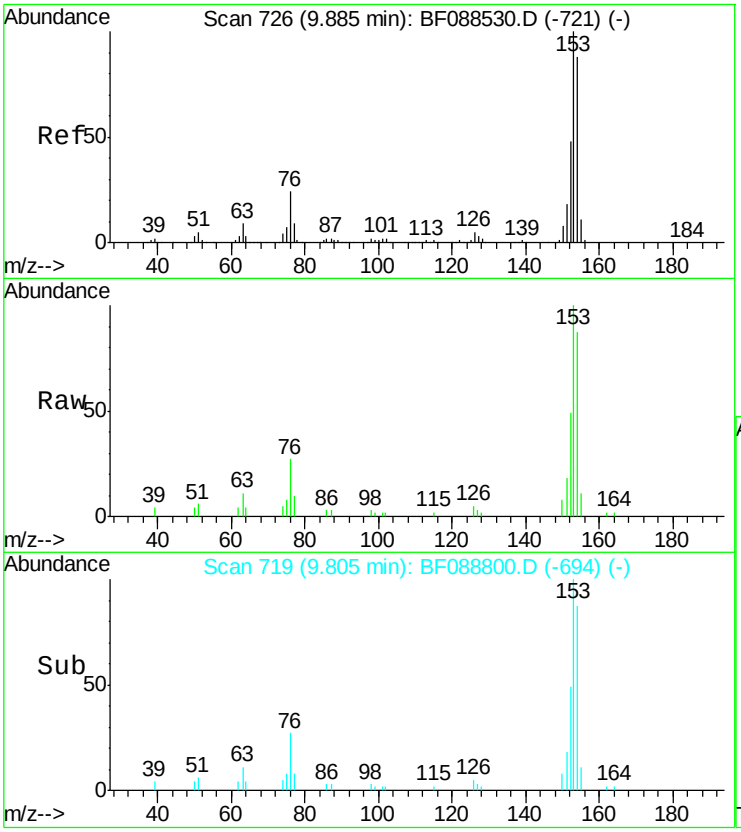


#49
Dimethylphthalate
Concen: 11.03 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.02 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:163 Resp: 95145

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.6	8.3	12.5



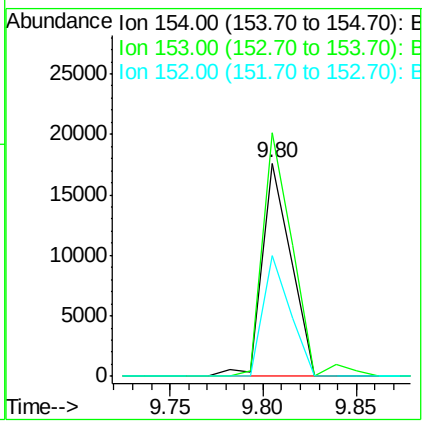


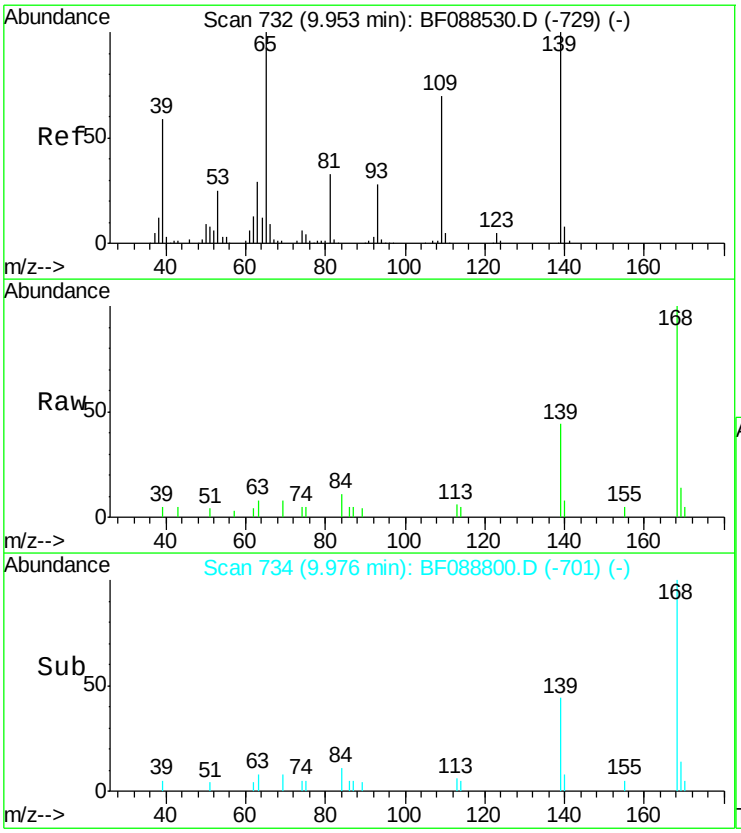
#51
Acenaphthene
Concen: 2.46 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:154 Resp: 18874

Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.5	134.3
152	56.6	42.7	64.1

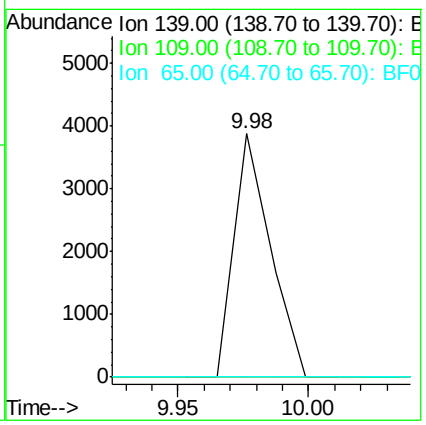


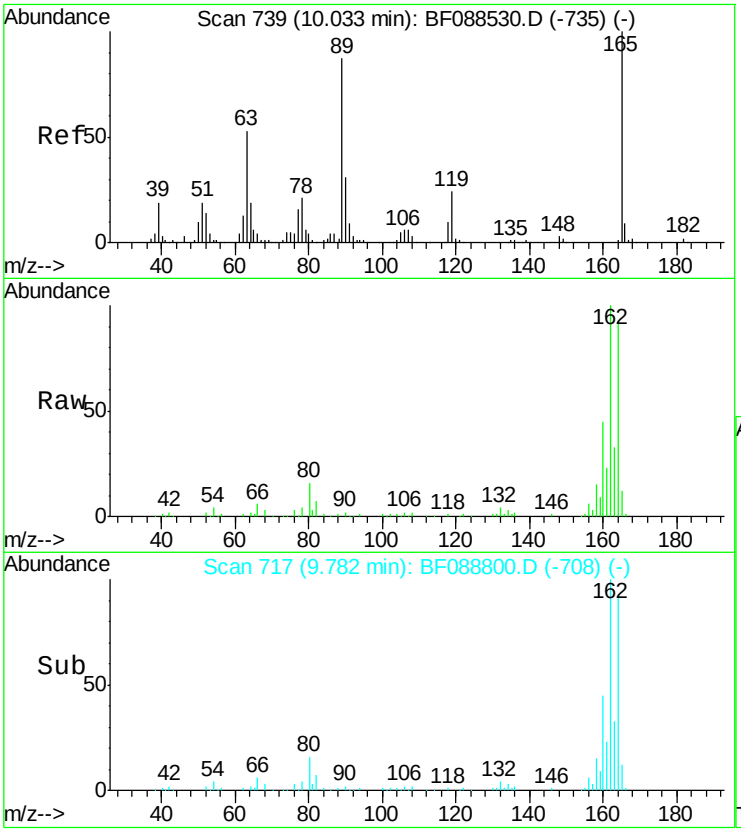


#55
4-Nitrophenol
Concen: 2.06 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.08 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:139 Resp: 3797

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



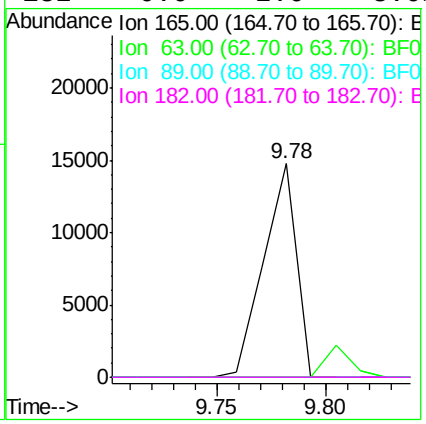


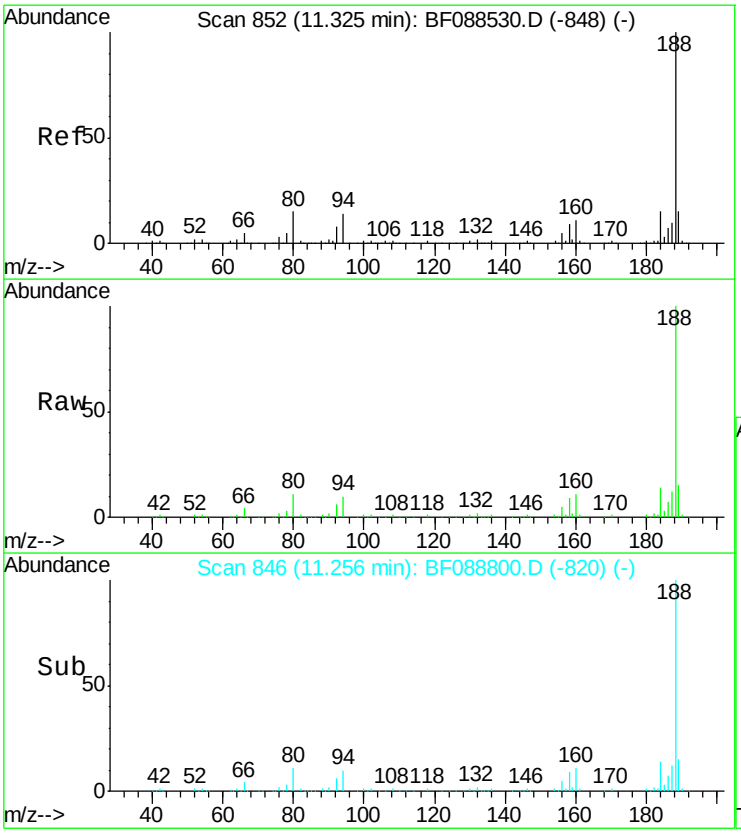
#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.19 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:165 Resp: 15573

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#

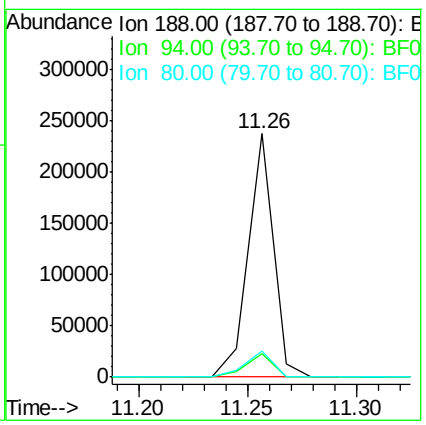


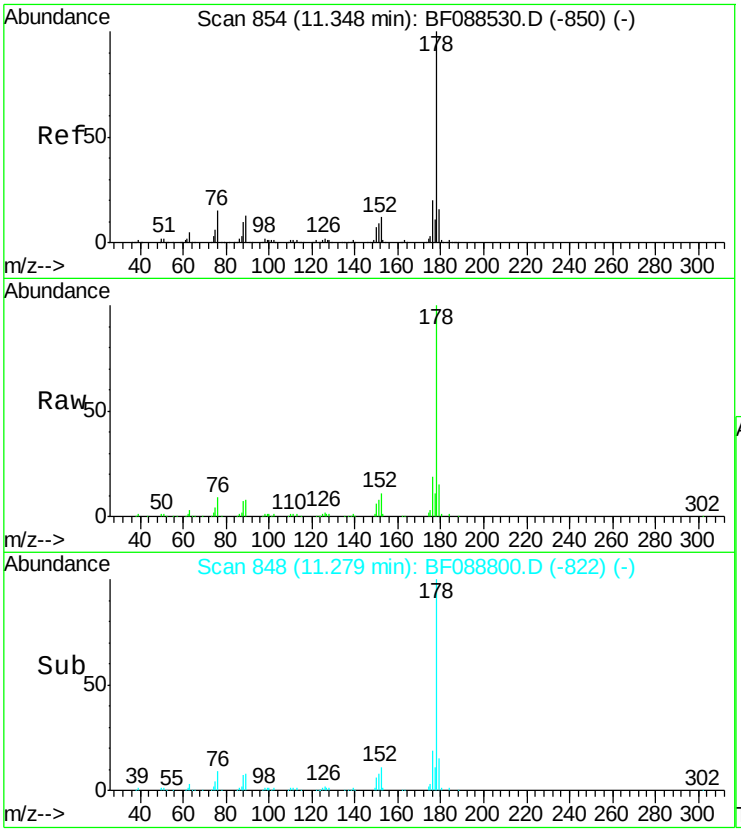


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:188 Resp: 191424

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.6
80	10.9	10.0	15.0



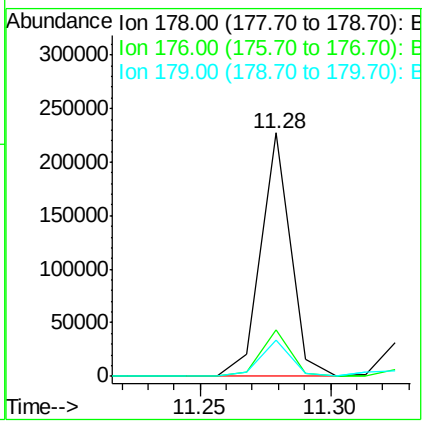


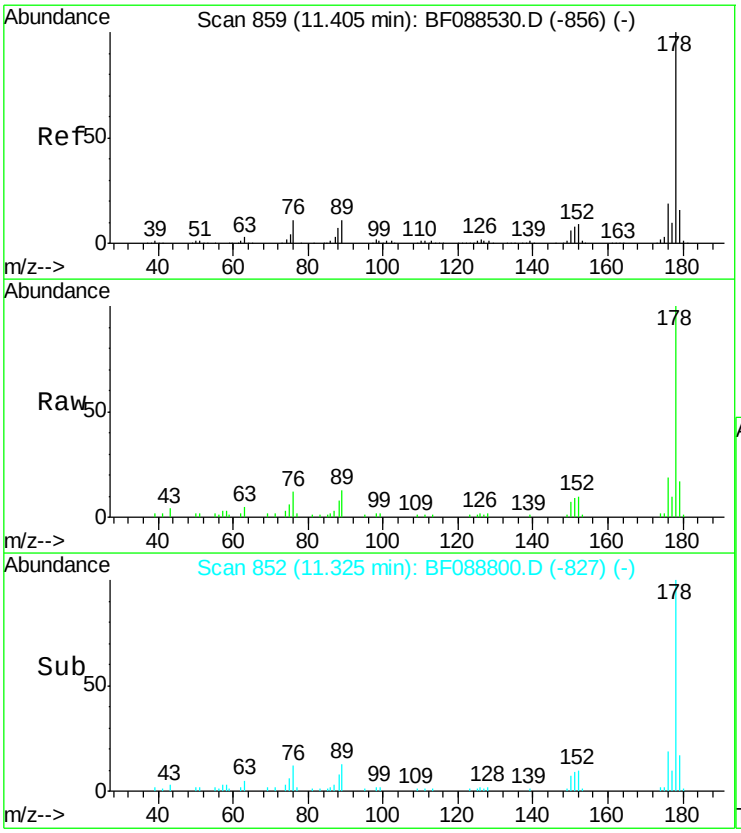
#70
Phenanthrene
Concen: 17.30 ng
RT: 11.28 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:178 Resp: 181039

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.1	13.0	19.4

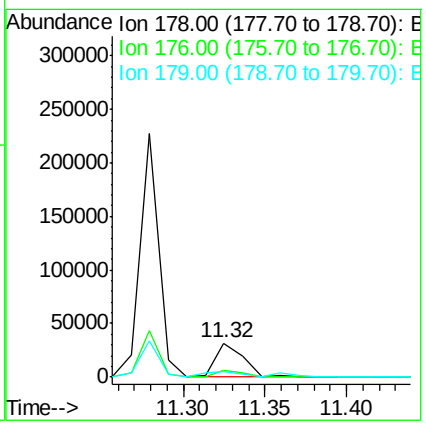


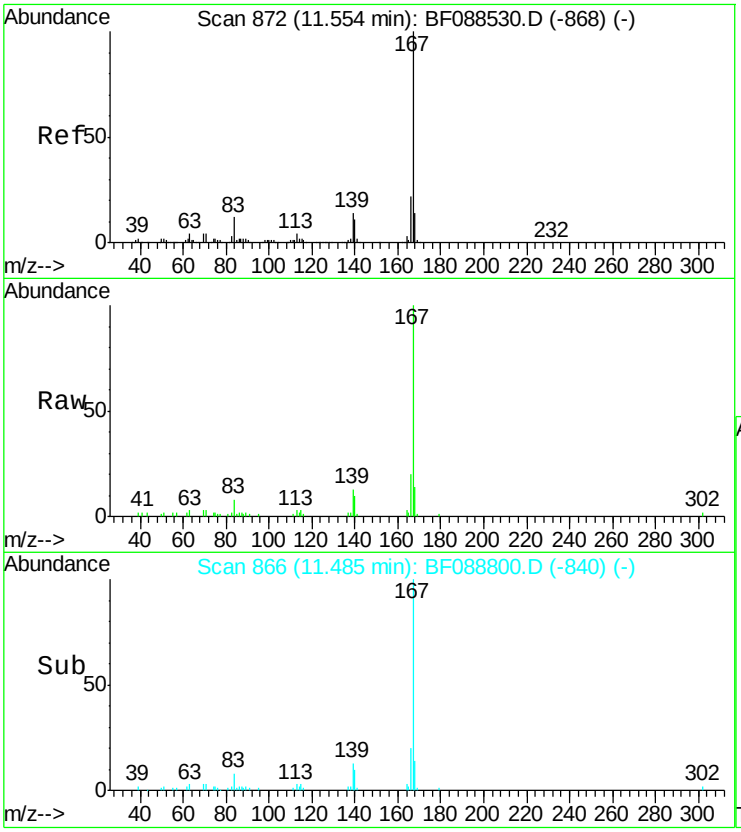


#71
Anthracene
Concen: 3.66 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:178 Resp: 38127

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	17.0	12.8	19.2



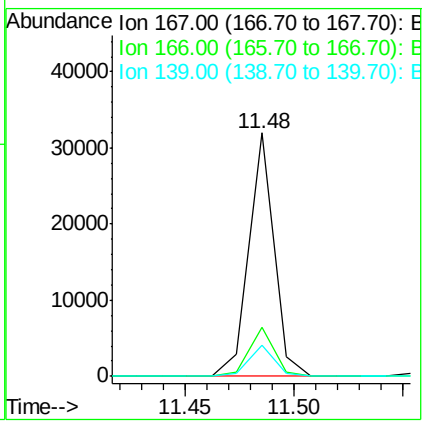


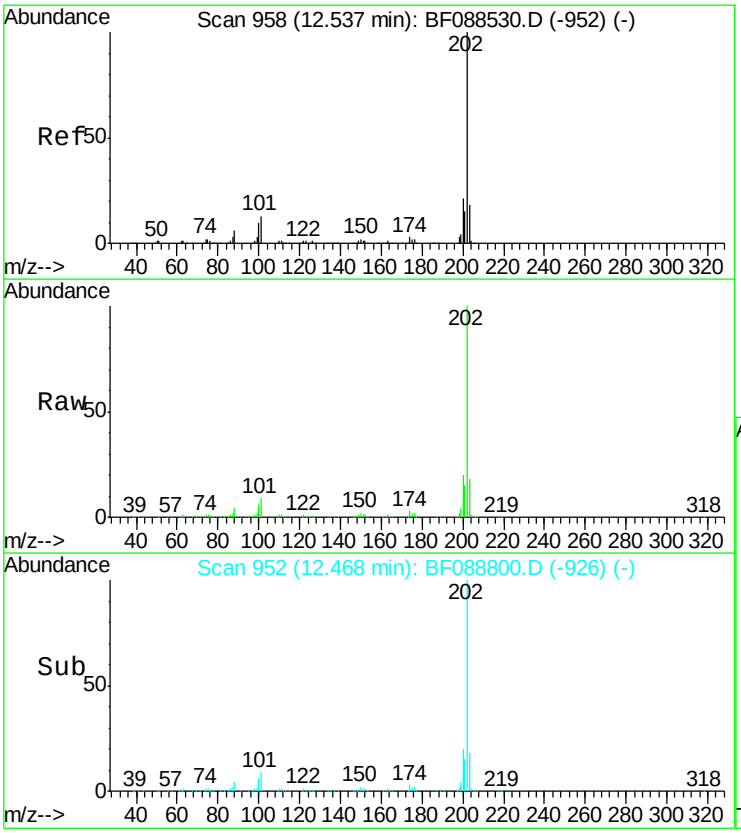
#72
Carbazole
Concen: 2.62 ng
RT: 11.48 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:167 Resp: 25683

Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.8	26.6
139	12.9	11.2	16.8

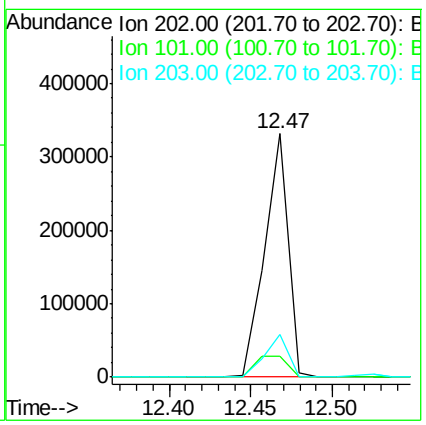


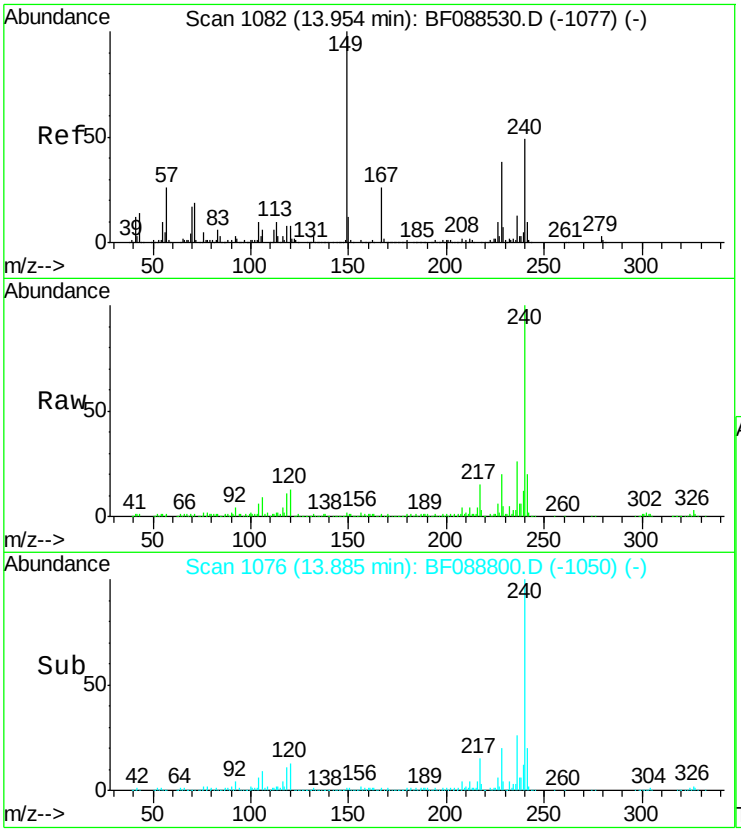


#74
Fluoranthene
Concen: 31.39 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:202 Resp: 332936

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	33.1
203	17.6	0.0	38.1



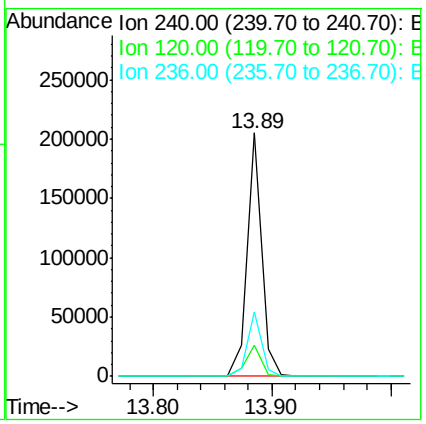


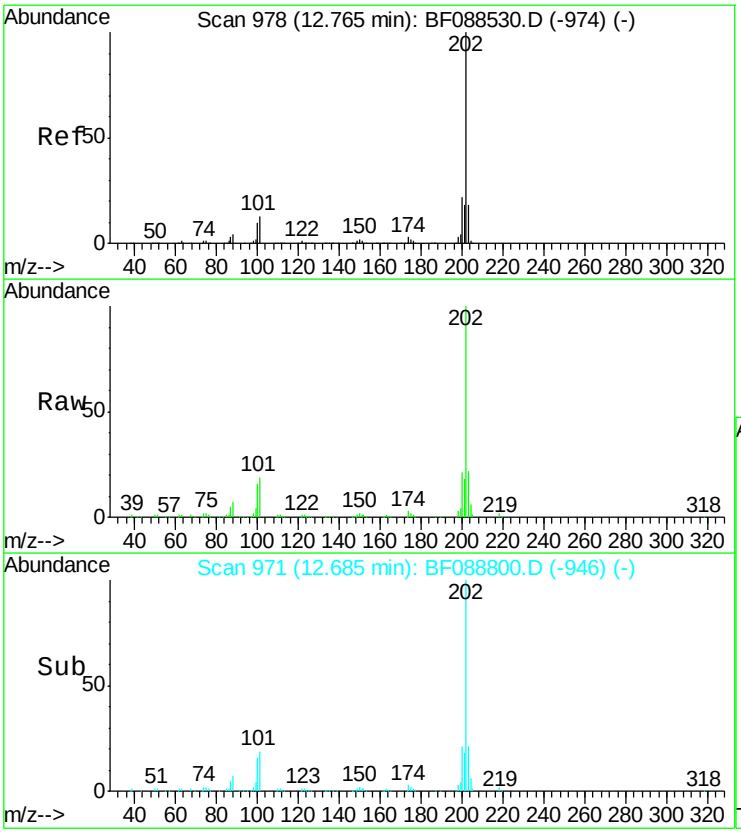
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:240 Resp: 176329

Ion	Ratio	Lower	Upper
240	100		
120	12.8	6.8	10.2#
236	26.3	20.2	30.2

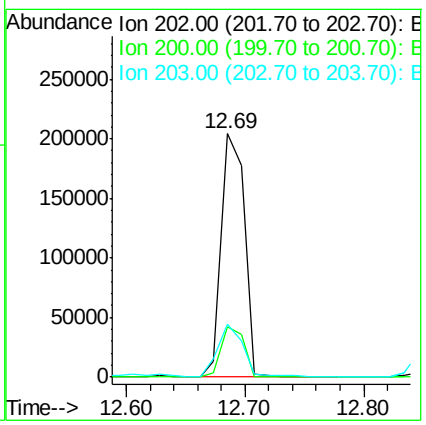


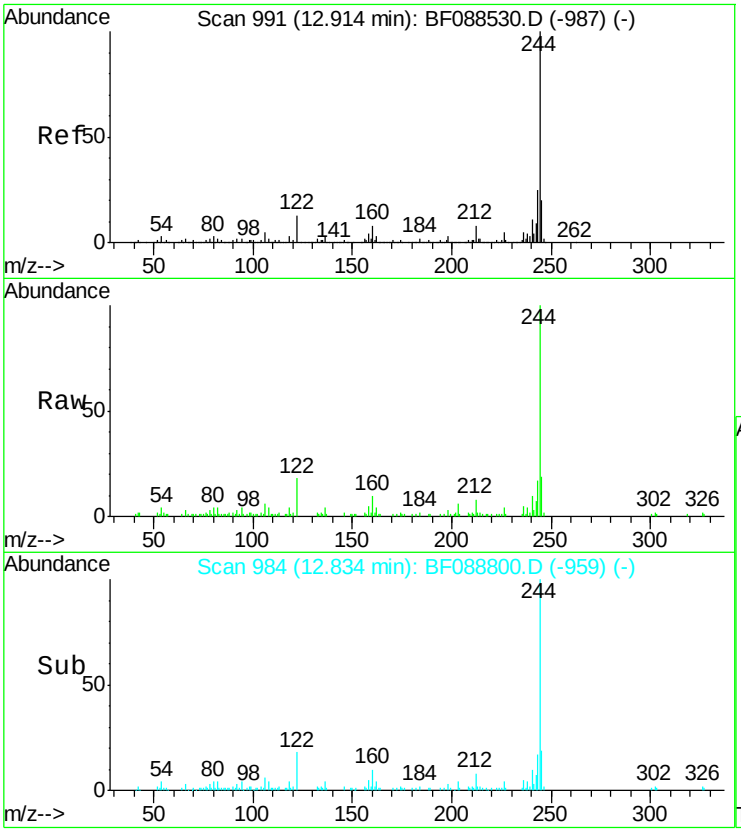


#77
Pyrene
Concen: 18.39 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:202 Resp: 274941

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	21.6	14.5	21.7



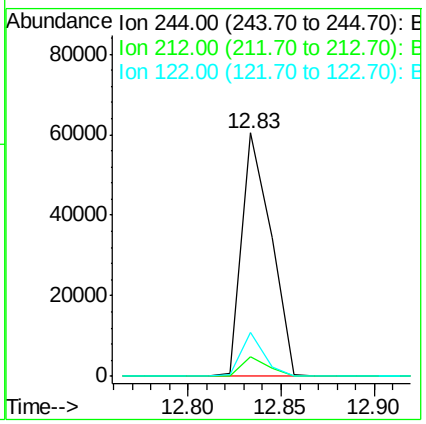


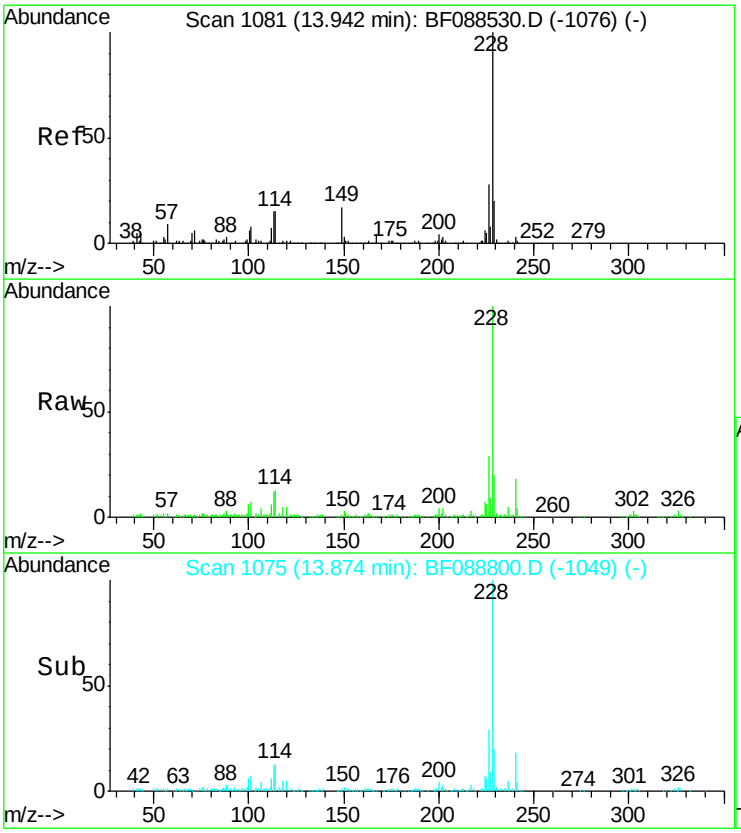
#78
Terphenyl-d14
Concen: 8.33 ng
RT: 12.83 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:244 Resp: 65979

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	17.9	11.2	16.8#

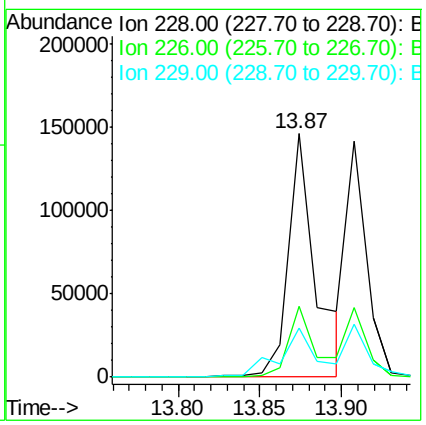


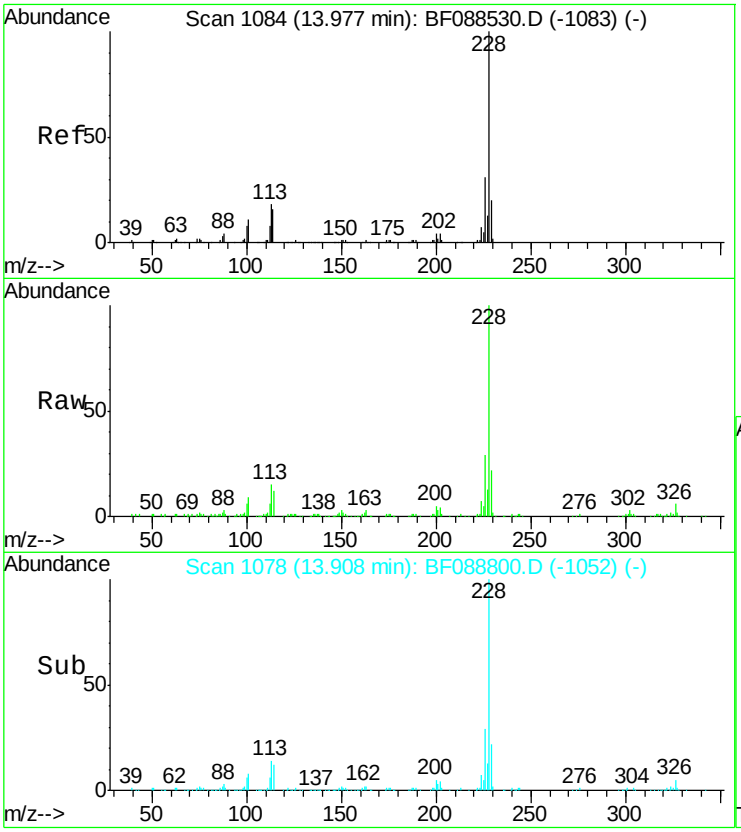


#80
Benzo(a)anthracene
Concen: 15.15 ng
RT: 13.87 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:228 Resp: 171993

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.3	33.5
229	20.3	16.0	24.0



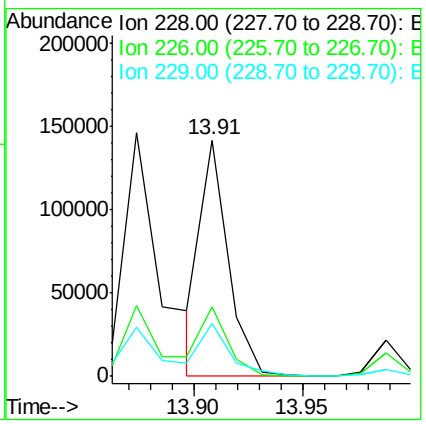


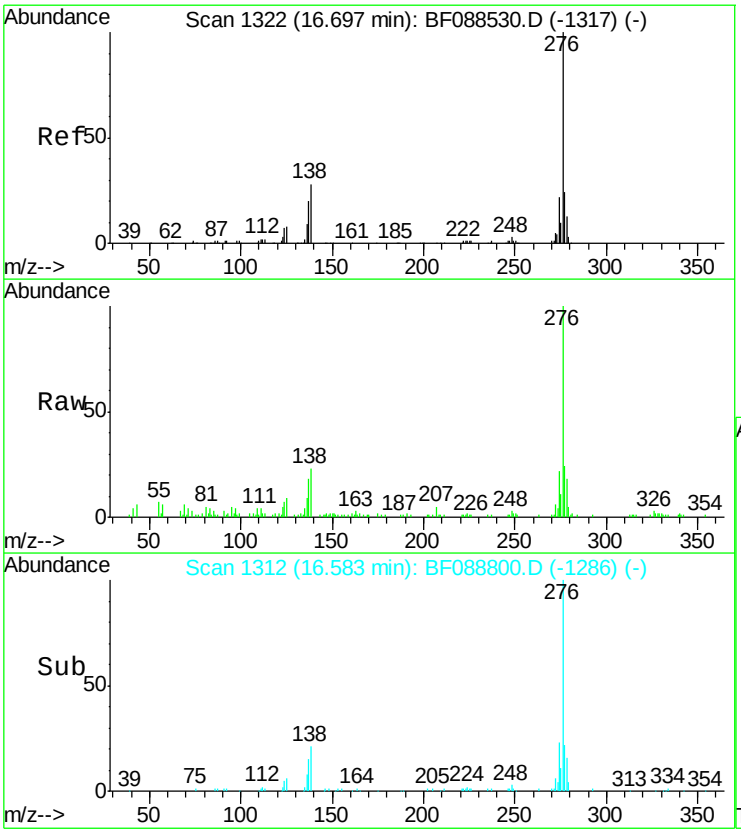
#82
Chrysene
Concen: 10.99 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:228 Resp: 123482

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.4	38.2
229	22.3	16.3	24.5

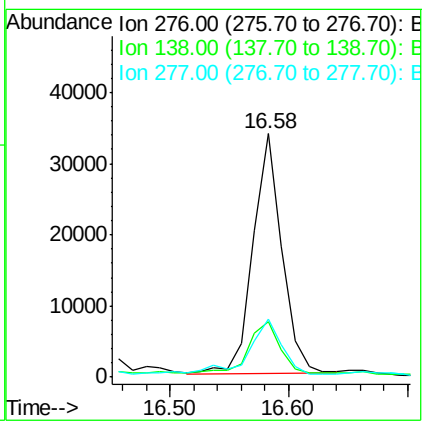


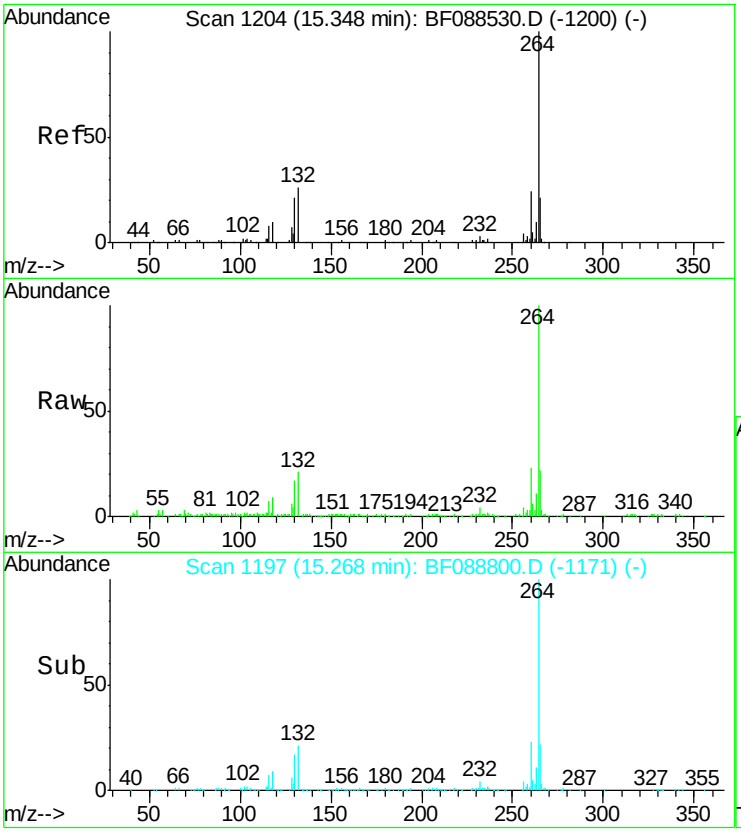


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.64 ng
RT: 16.58 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:276 Resp: 57354

Ion	Ratio	Lower	Upper
276	100		
138	24.7	0.0	0.0#
277	28.4	0.0	0.0#



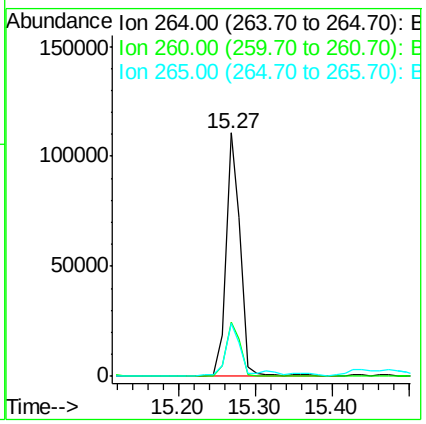


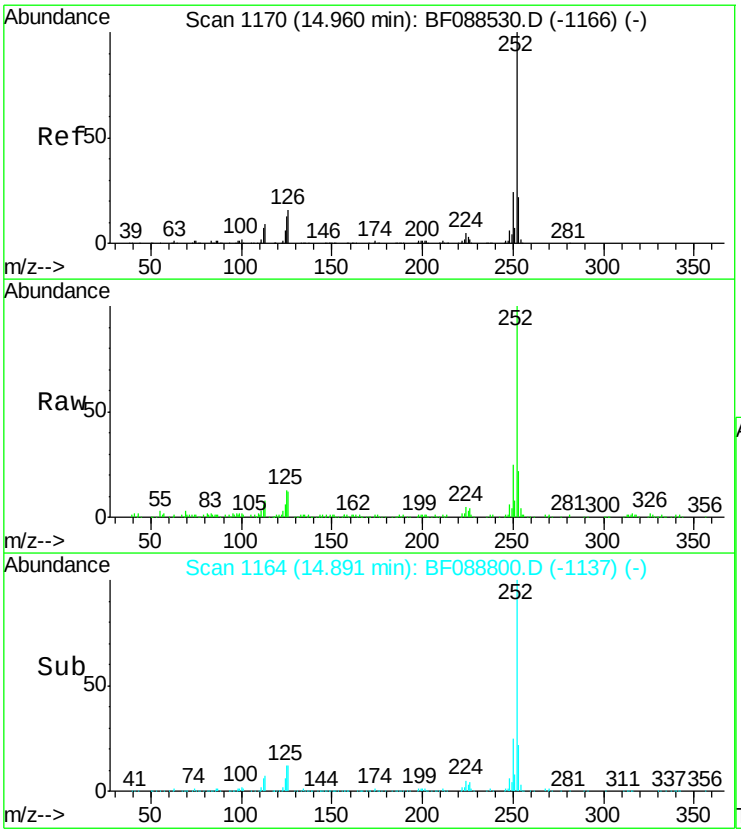
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:264 Resp: 146098

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.9	16.9	25.3

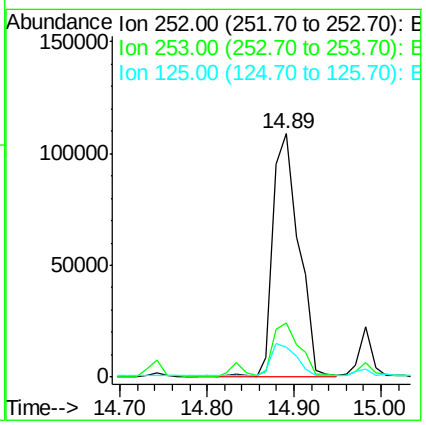


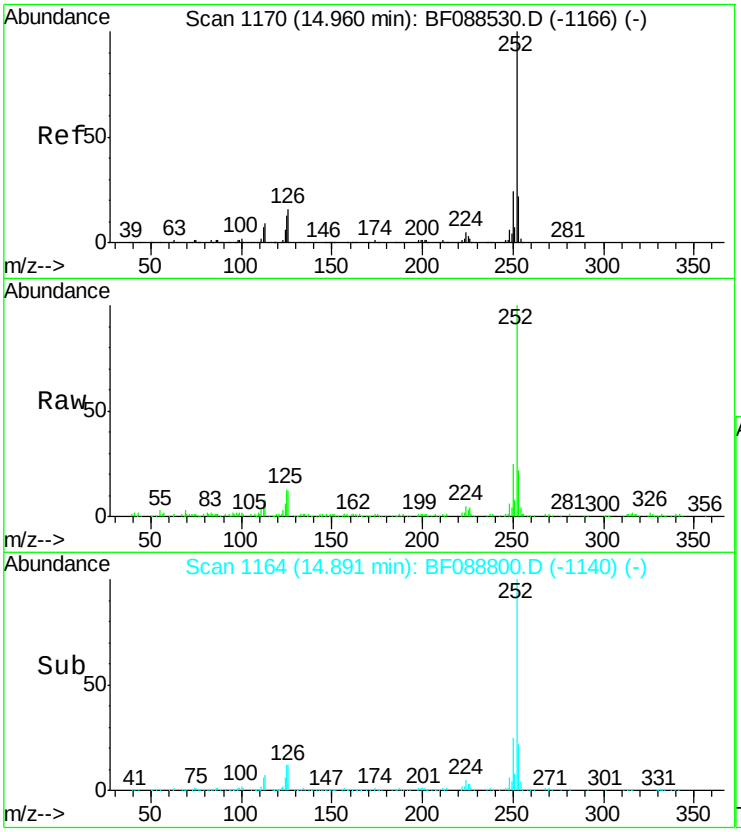


#87
Benzo(b)fluoranthene
Concen: 24.71 ng
RT: 14.89 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:252 Resp: 226433

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	12.5	7.1	10.7#



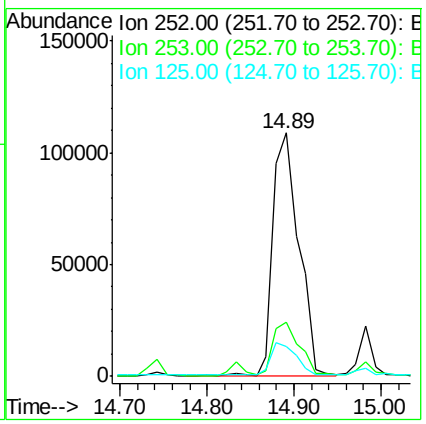


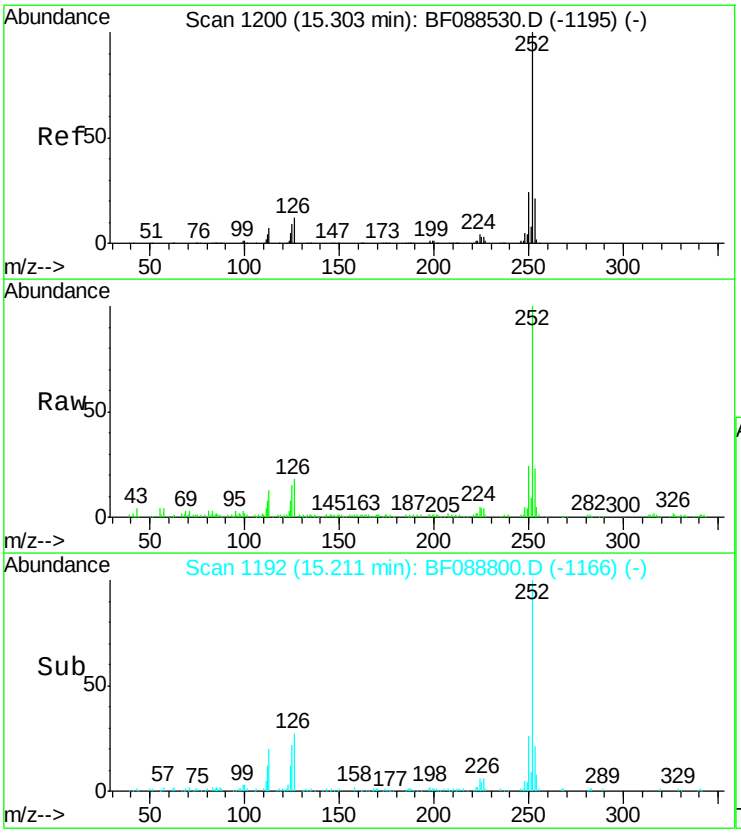
#88
Benzo(k)fluoranthene
Concen: 28.38 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:252 Resp: 226433

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	12.5	11.2	16.8

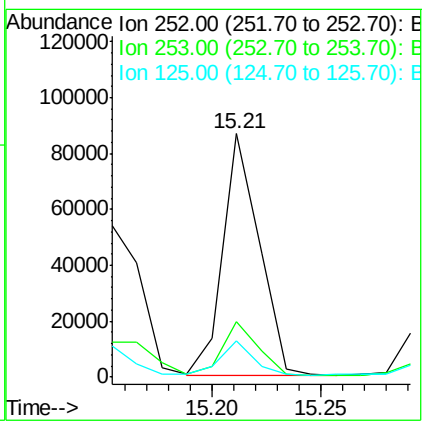


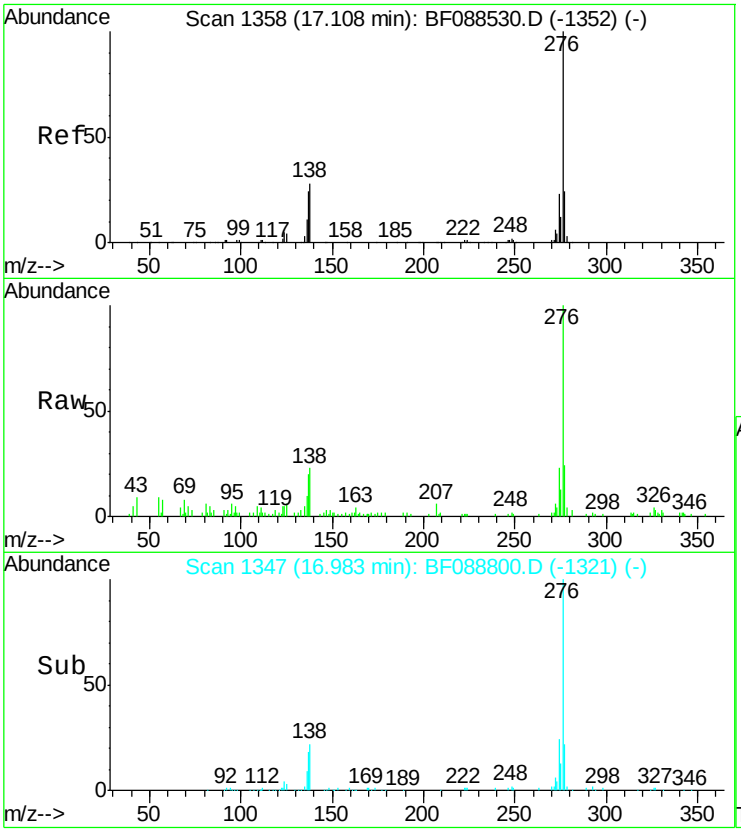


#89
Benzo(a)pyrene
Concen: 13.03 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Tgt Ion:252 Resp: 101080

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	15.1	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 7.95 ng
RT: 16.98 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF088800.D
Acq: 8 Jul 2016 1:32

Instrument :
BNA_F
ClientSampleId :
SS-4

Tgt Ion:276 Resp: 53328

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	22.6	21.4	32.2