Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088688.D
Acq On : 4 Jul 2016 11:38
Operator : UM/SJ
Sample : H3869-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B3(02-04)

Quant Time: Jul 05 00:50:17 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	108038	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	368865	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	150465	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	243834	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	187697	20.00	ng		-0.03
86) Perylene-d12	15.33	264	160831	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	579078	80.33	ng		-0.02
7) Phenol-d6	6.42	99	726523	78.00	ng		-0.02
23) Nitrobenzene-d5	7.35	82	439824	62.49	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	118026	84.47	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	811415	85.18	ng		-0.02
78) Terphenyl-d14	12.88	244	477855	56.71	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	58572	9.36	ng	#	73
25) Isophorone	7.35	82	387162	29.69	ng	#	65
49) Dimethylphthalate	9.54	163	109913	10.25	ng		99
56) 2,4-Dinitrotoluene	9.82	165	19107	6.15	ng	#	37
66) 4-Bromophenyl-phenylether	10.60	248	8483	3.45	ng	#	1
70) Phenanthrene	11.32	178	224108	16.81	ng		98
71) Anthracene	11.37	178	58161	4.39	ng		97
74) Fluoranthene	12.50	202	349475	25.86	ng		97
77) Pyrene	12.73	202	331127	20.81	ng		99
80) Benzo(a)anthracene	13.92	228	176315	14.59	ng		99
82) Chrysene	13.92	228	176315	14.74	ng		96
85) Indeno(1,2,3-cd)pyrene	16.65	276	65500	7.12	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	225335	22.33	ng	#	93
88) Benzo(k)fluoranthene	14.93	252	225270	25.65	ng		98
89) Benzo(a)pyrene	15.26	252	115623	13.54	ng		97
90) Dibenzo(a,h)anthracene	16.66	278	16844	2.36	ng	#	84
91) Benzo(g,h,i)perylene	17.05	276	59992	8.13	ng		99

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

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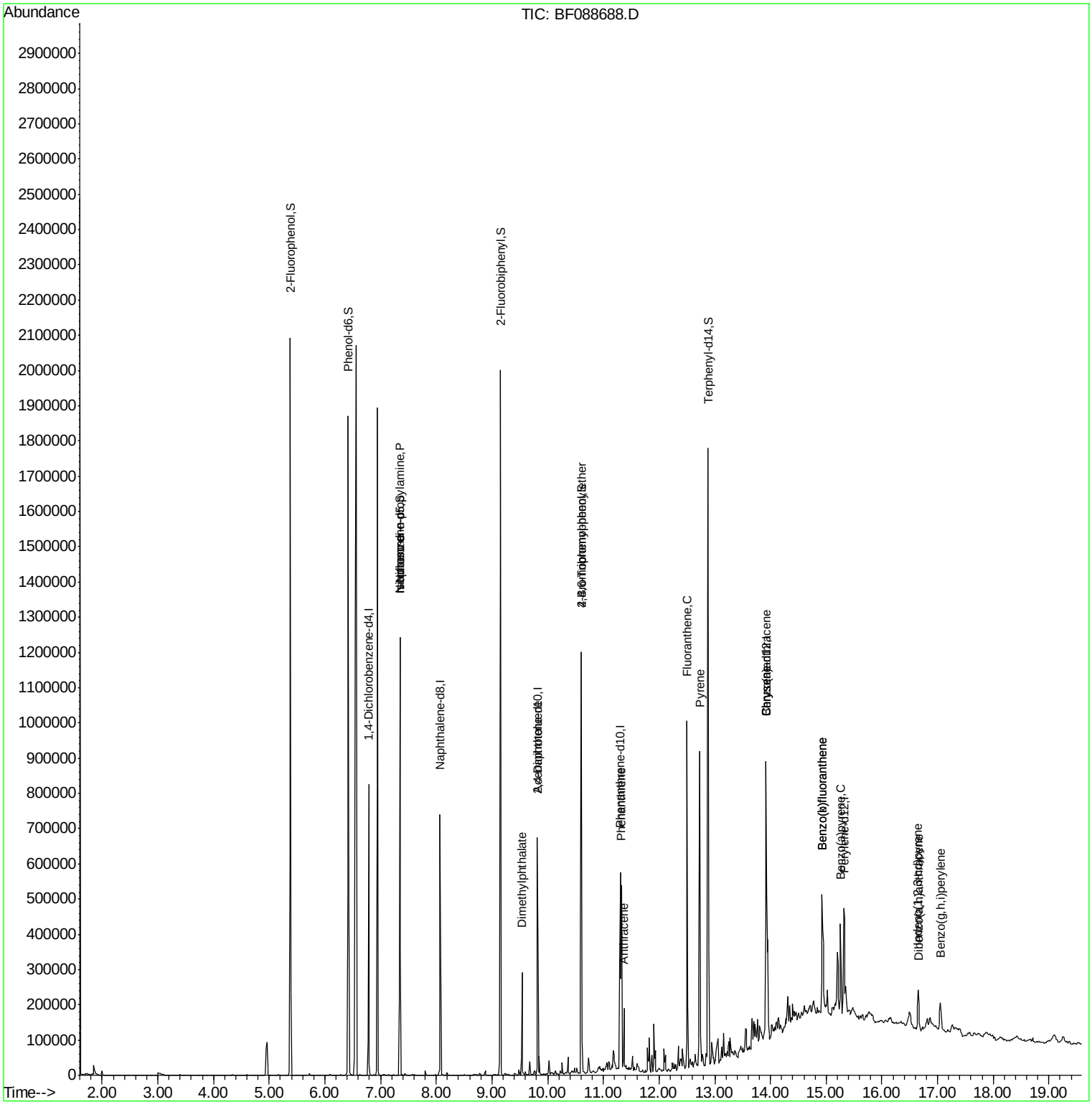
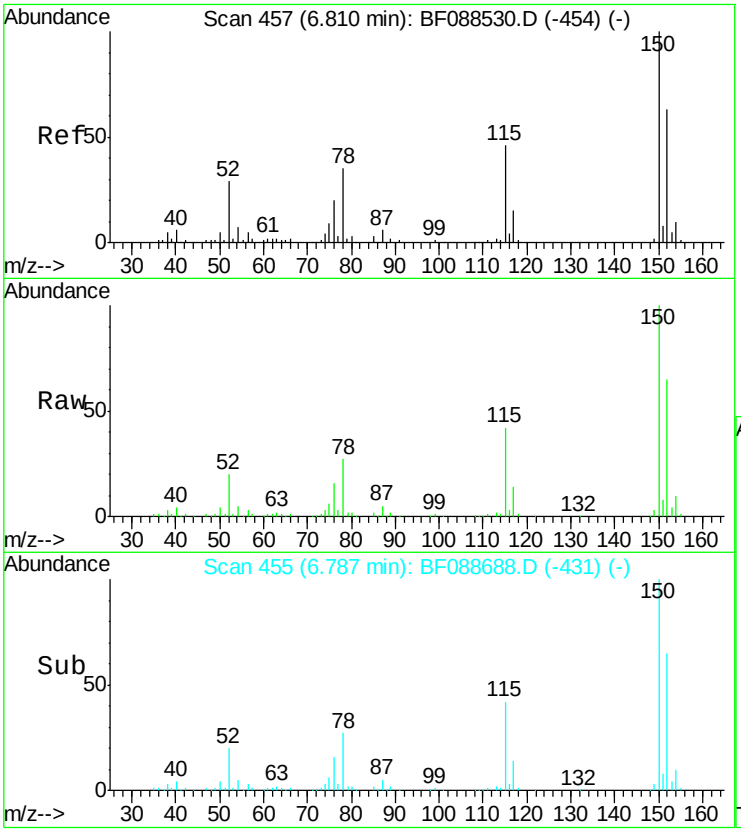


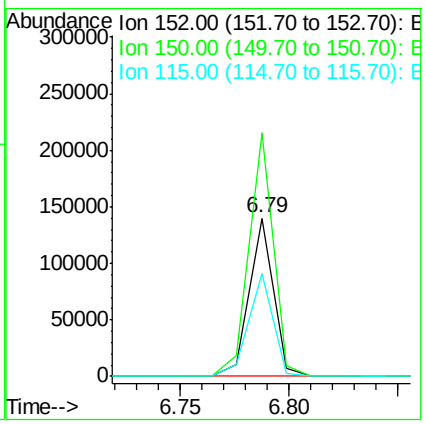


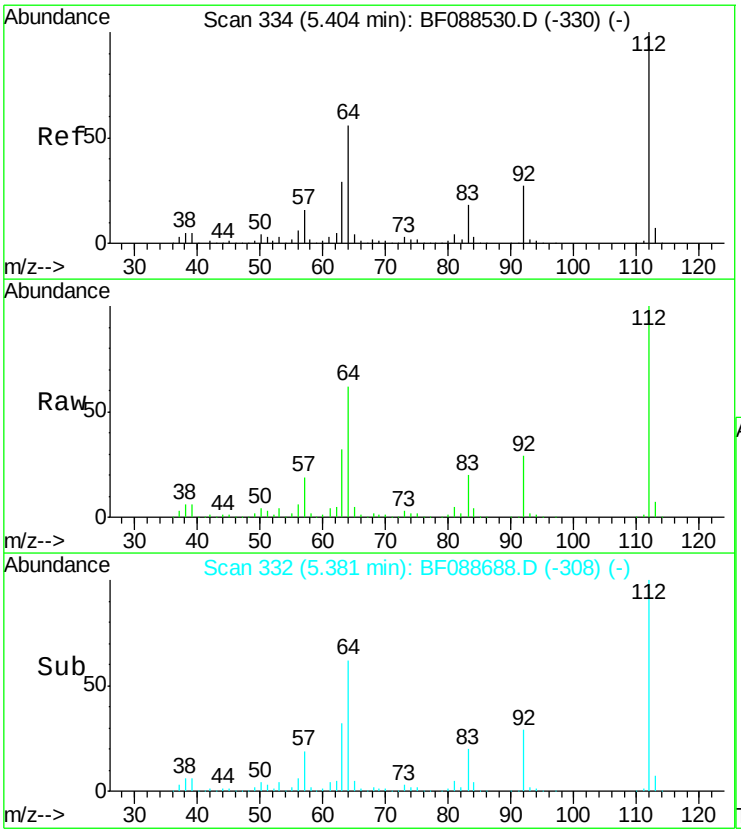
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:152 Resp: 108038

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.8	185.6
115	64.8	39.6	59.4#

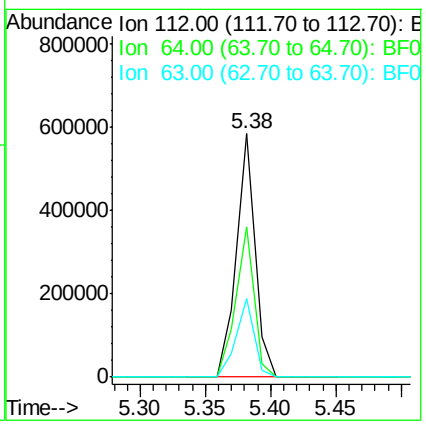


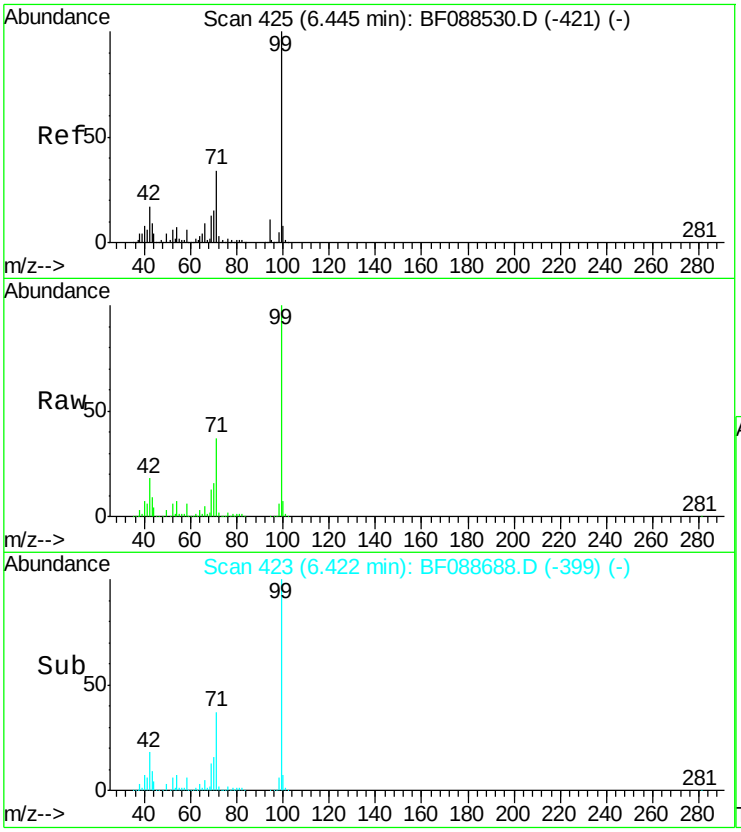


#5
2-Fluorophenol
Concen: 80.33 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion:112 Resp: 579078

Ion	Ratio	Lower	Upper
112	100		
64	61.9	42.2	63.2
63	32.4	21.8	32.8



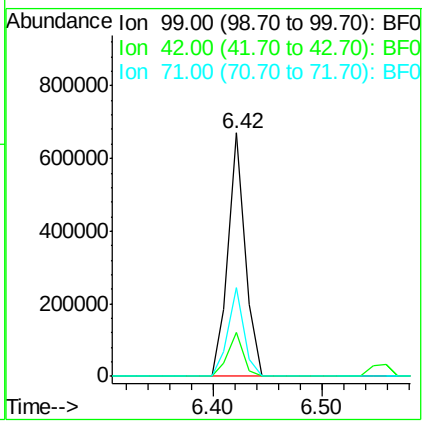


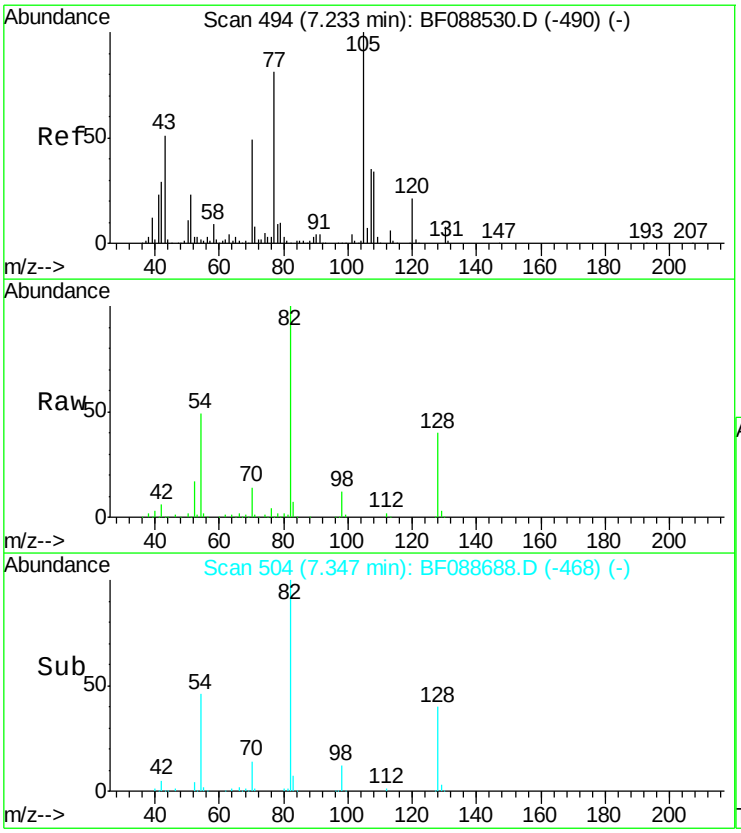
#7
Phenol-d6
Concen: 78.00 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion: 99 Resp: 726523

Ion	Ratio	Lower	Upper
99	100		
42	17.9	12.2	18.2
71	36.5	23.4	35.0#

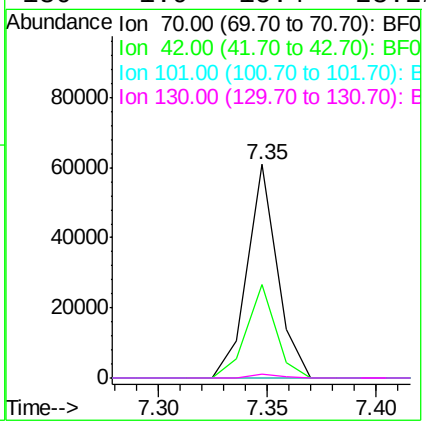


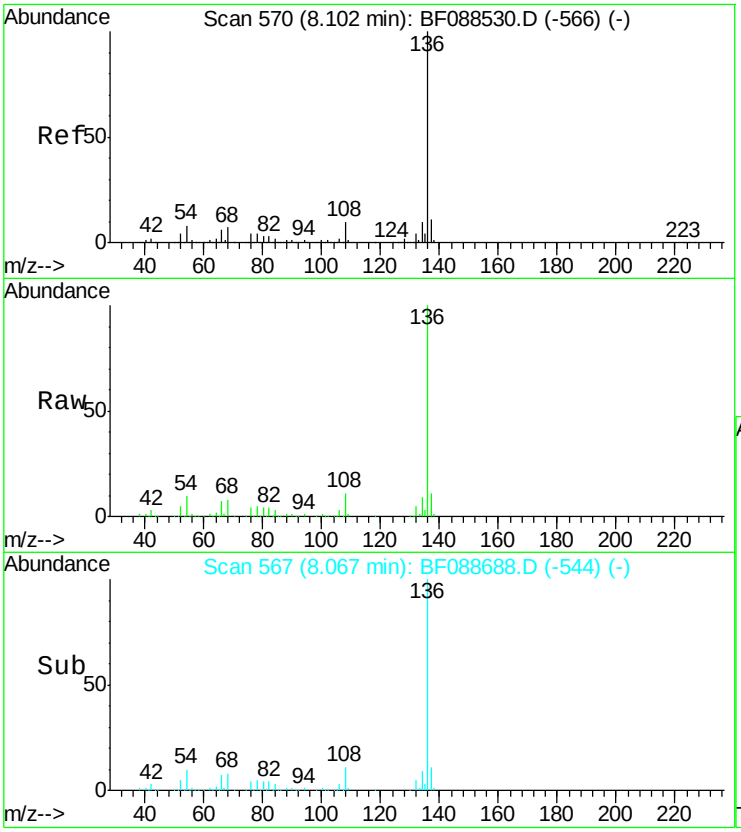


#19
n-Nitroso-di-n-propylamine
Concen: 9.36 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.11 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion: 70 Resp: 58572

Ion	Ratio	Lower	Upper
70	100		
42	43.8	49.6	74.4#
101	0.0	7.1	10.7#
130	1.9	15.4	23.2#



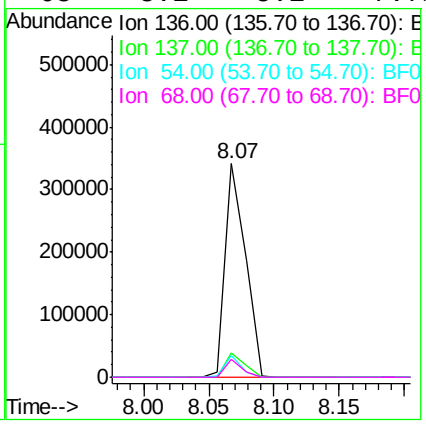


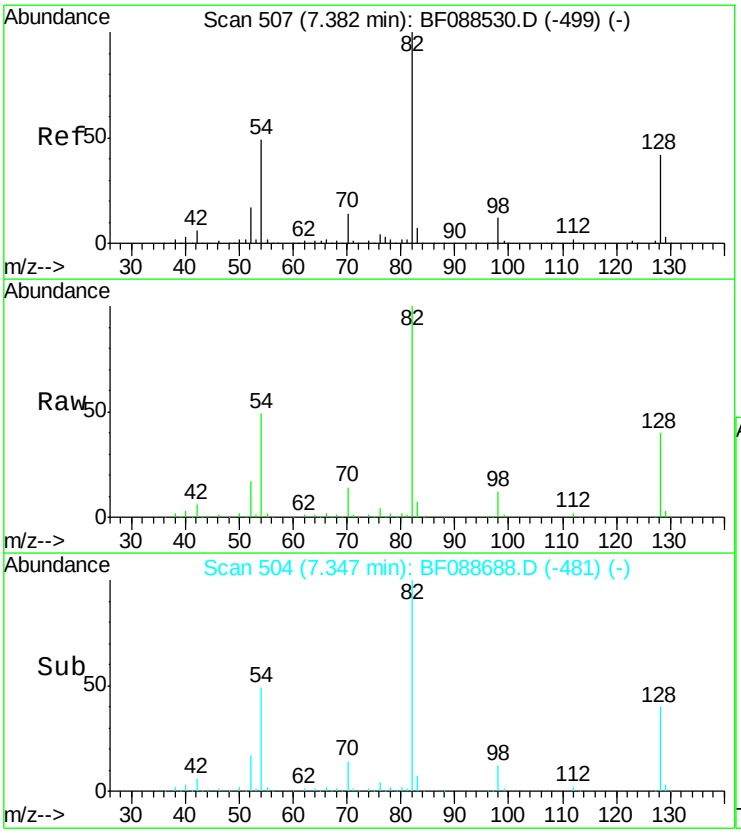
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:136 Resp: 368865

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.2	6.6	10.0#
68	8.1	5.1	7.7#

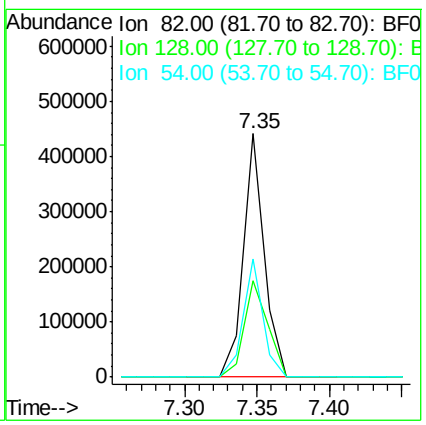


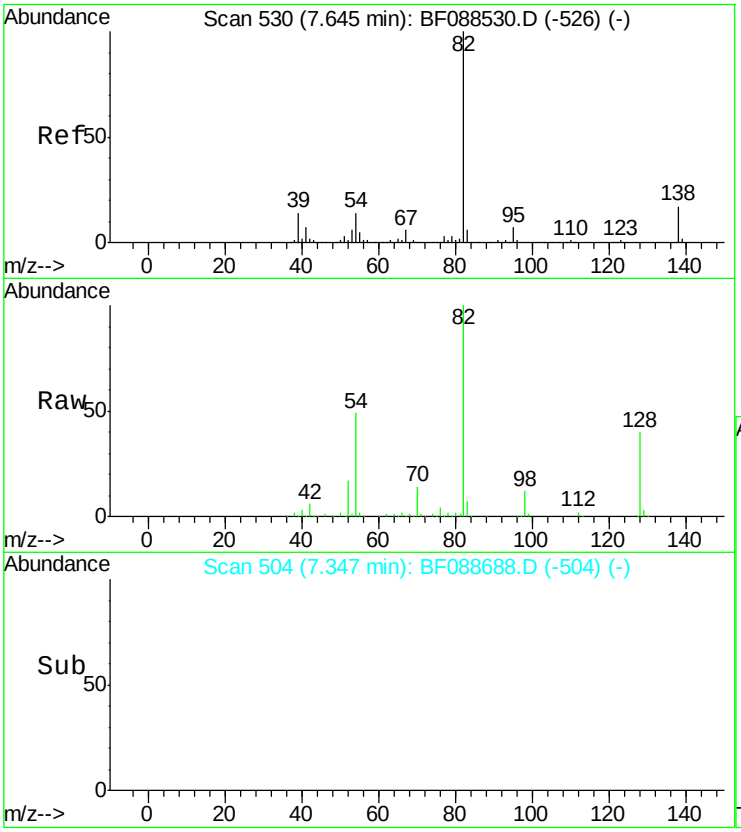


#23
Nitrobenzene-d5
Concen: 62.49 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion: 82 Resp: 439824

Ion	Ratio	Lower	Upper
82	100		
128	39.8	35.9	53.9
54	48.6	40.9	61.3



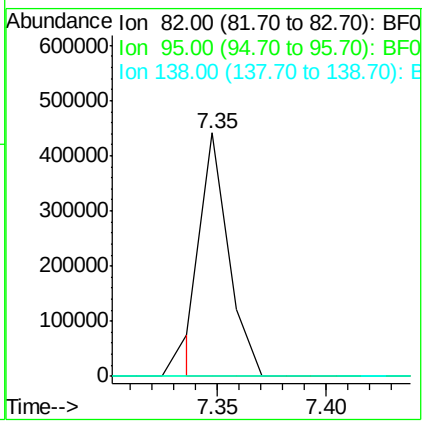


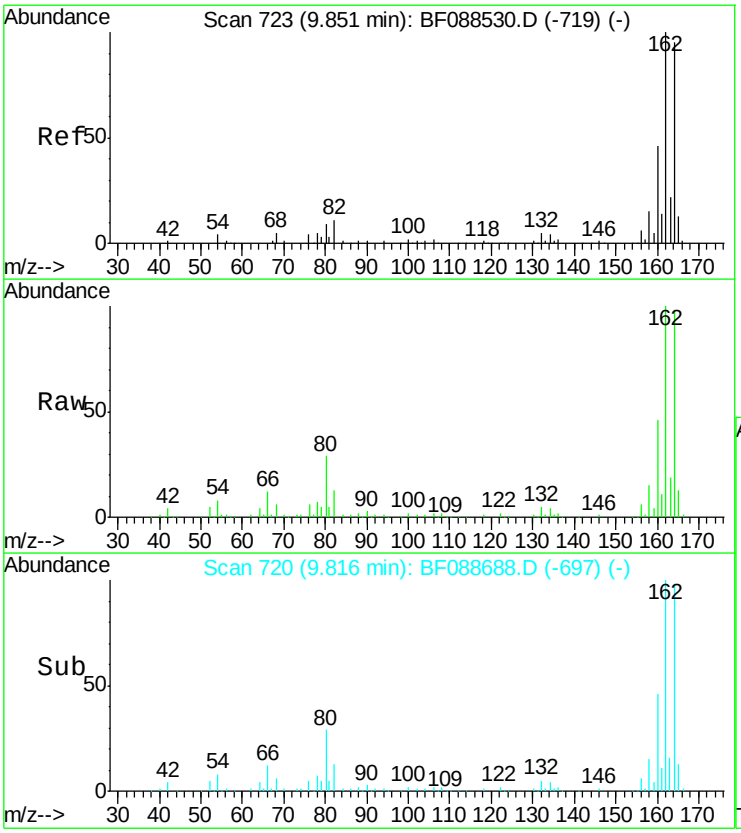
#25
Isophorone
Concen: 29.69 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.30 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion: 82 Resp: 387162

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

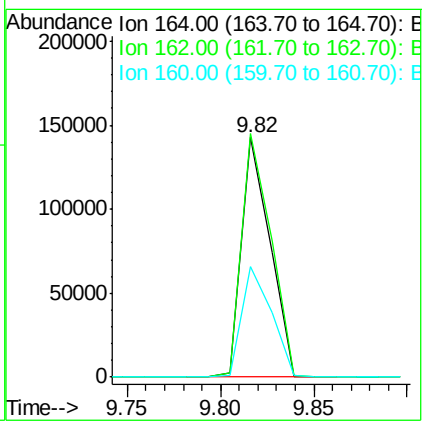


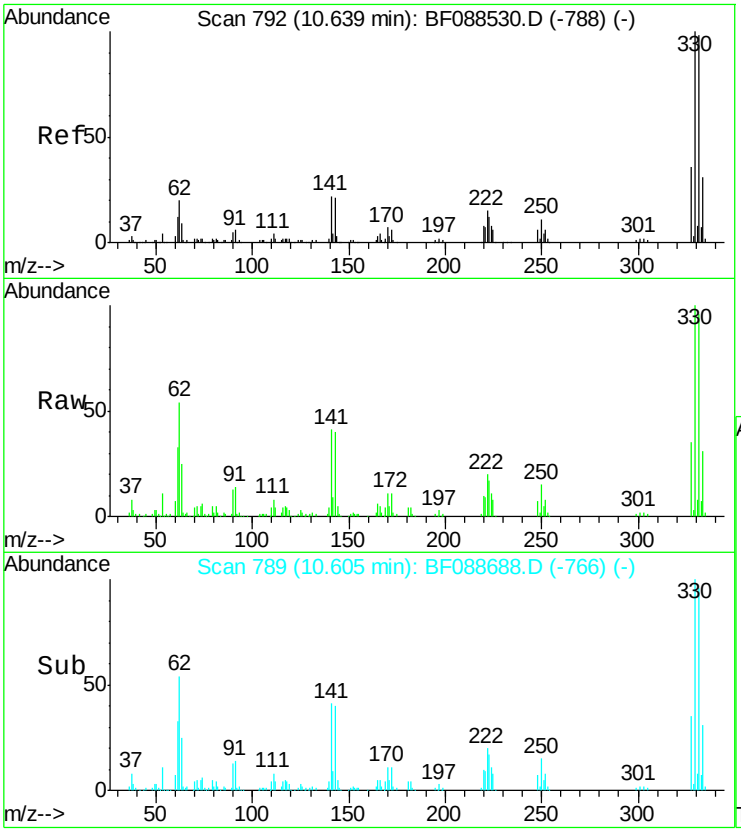


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion:164 Resp: 150465

Ion	Ratio	Lower	Upper
164	100		
162	101.7	85.4	128.2
160	46.3	39.5	59.3



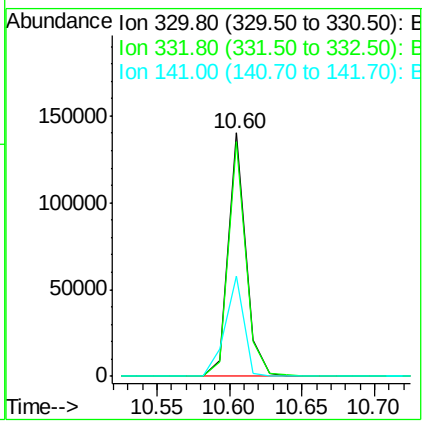


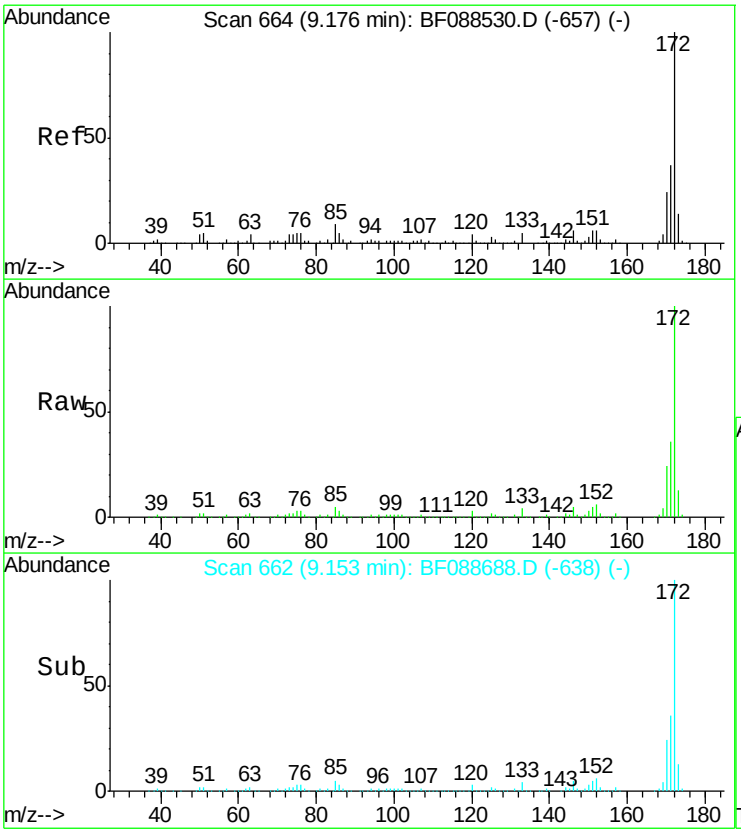
#41
2,4,6-Tribromophenol
Concen: 84.47 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:330 Resp: 118026

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	44.2	0.0	0.0#

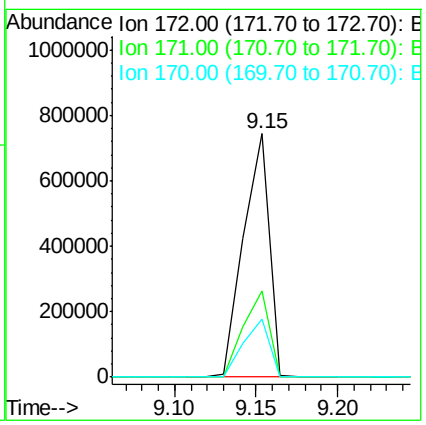


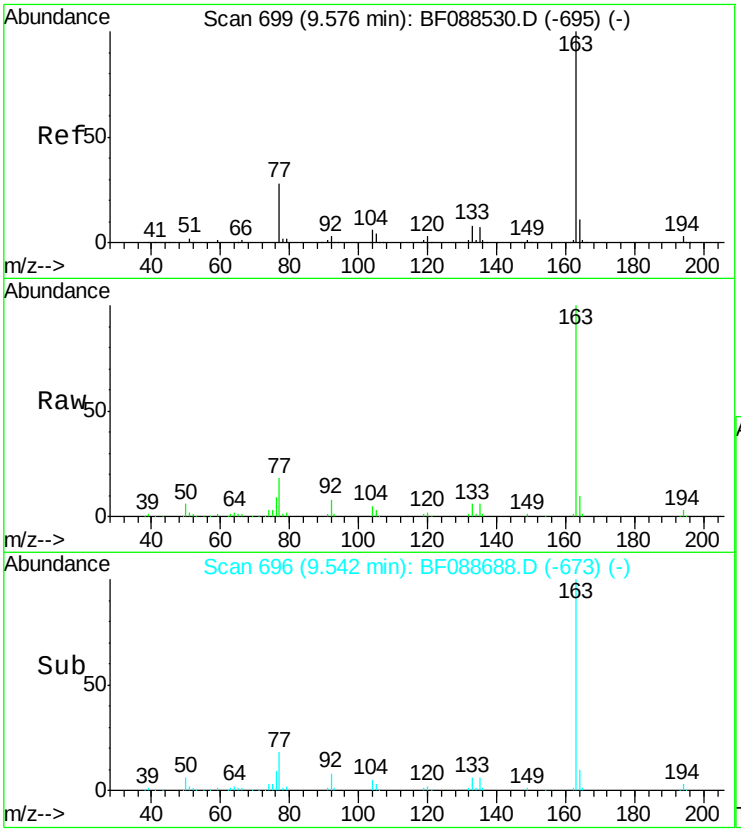


#44
2-Fluorobiphenyl
Concen: 85.18 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion:172 Resp: 811415

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.6	19.2	28.8



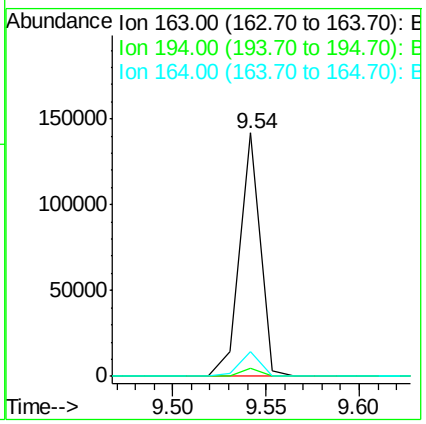


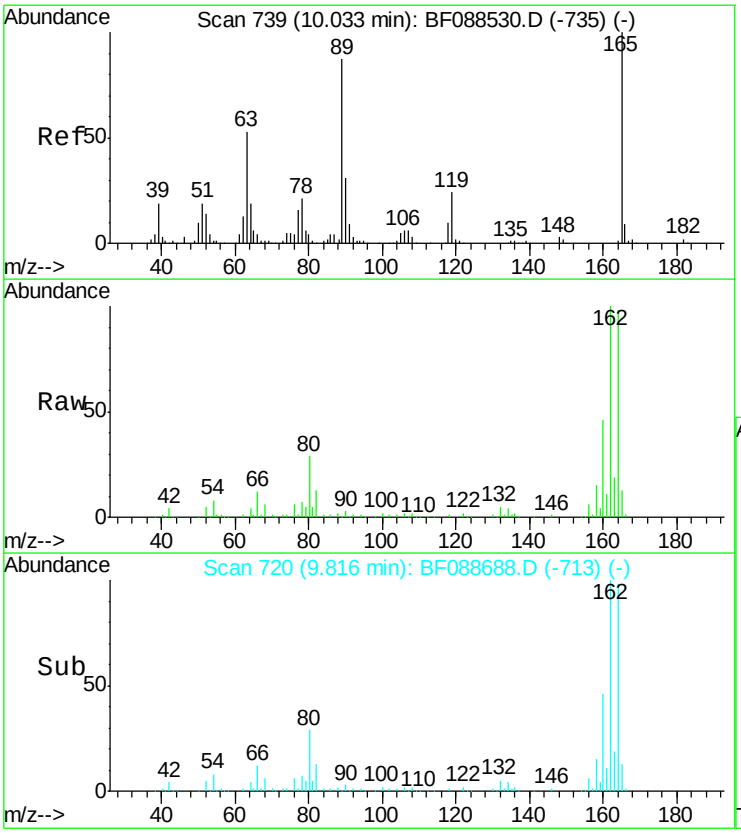
#49
Dimethylphthalate
Concen: 10.25 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:163 Resp: 109913

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.9	8.3	12.5

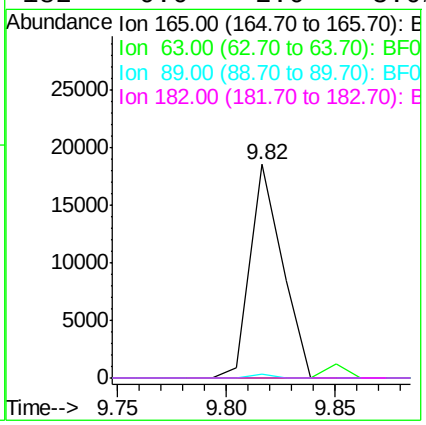


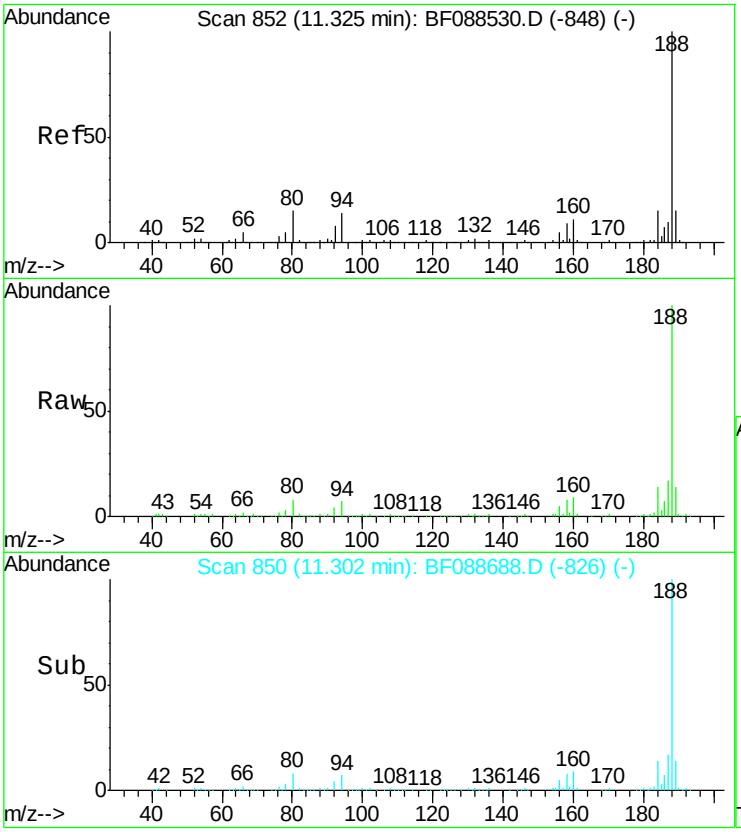


#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion:165 Resp: 19107

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#



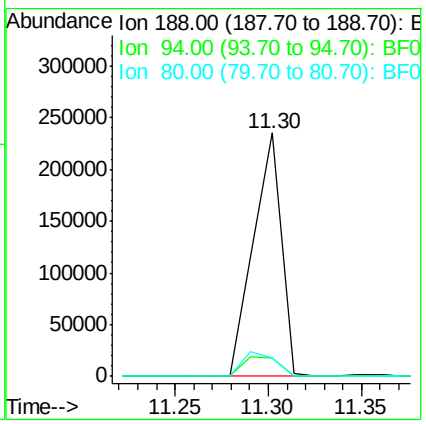


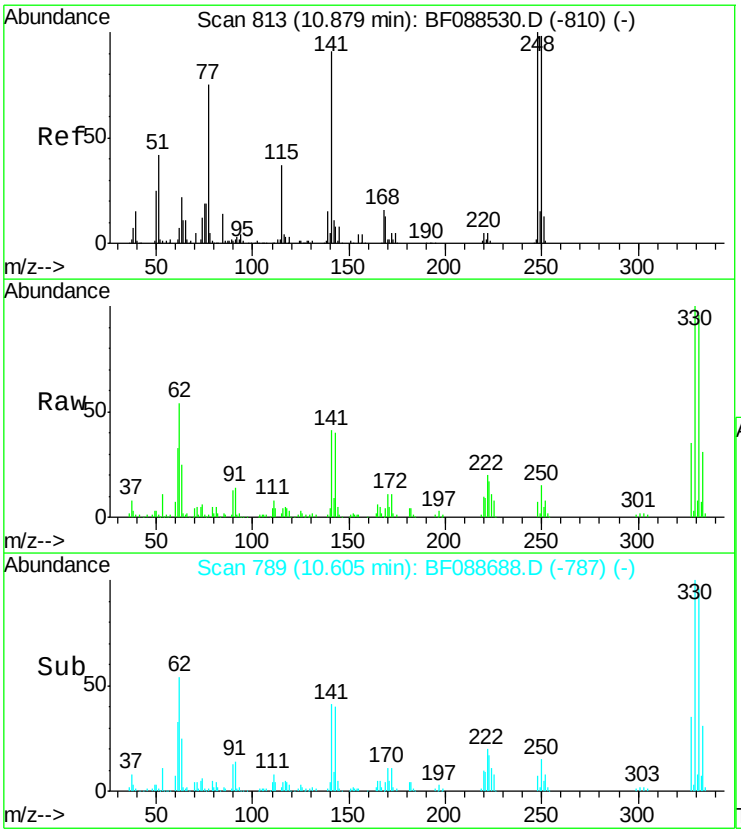
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:188 Resp: 243834

Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.6#
80	7.7	10.0	15.0#

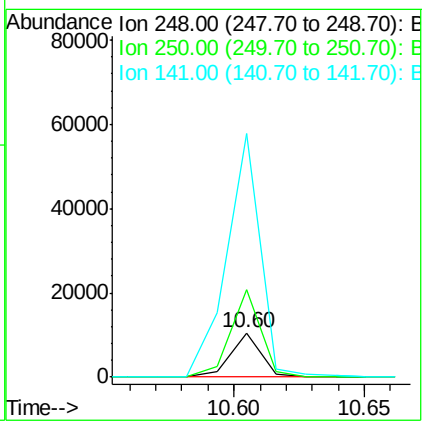


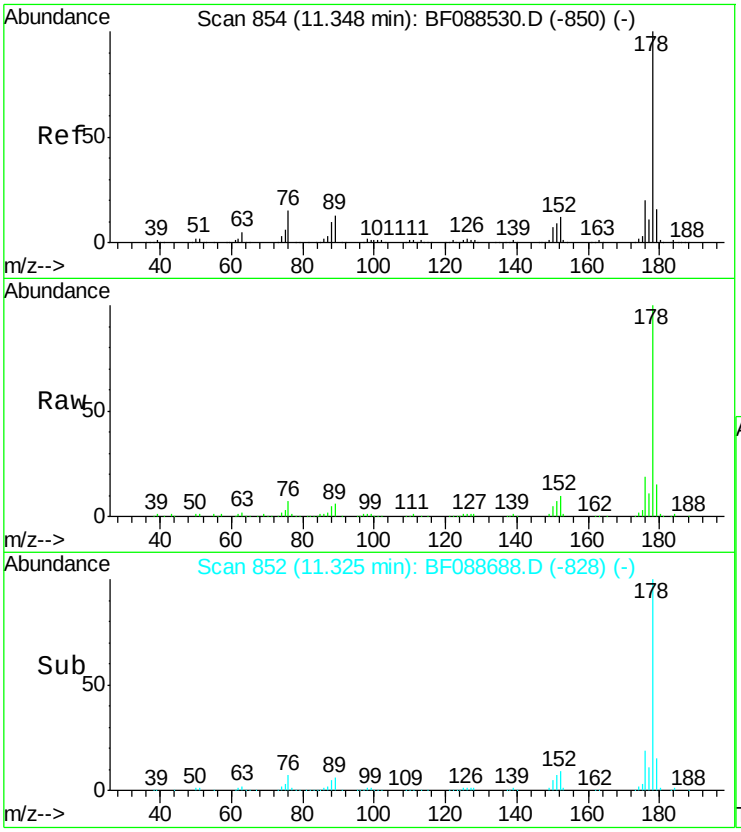


#66
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion:248 Resp: 8483

Ion	Ratio	Lower	Upper
248	100		
250	197.6	77.1	115.7#
141	553.8	50.6	76.0#



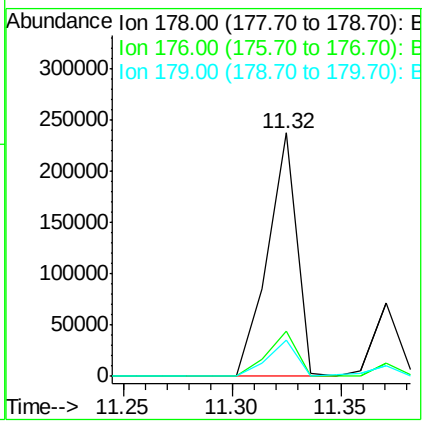


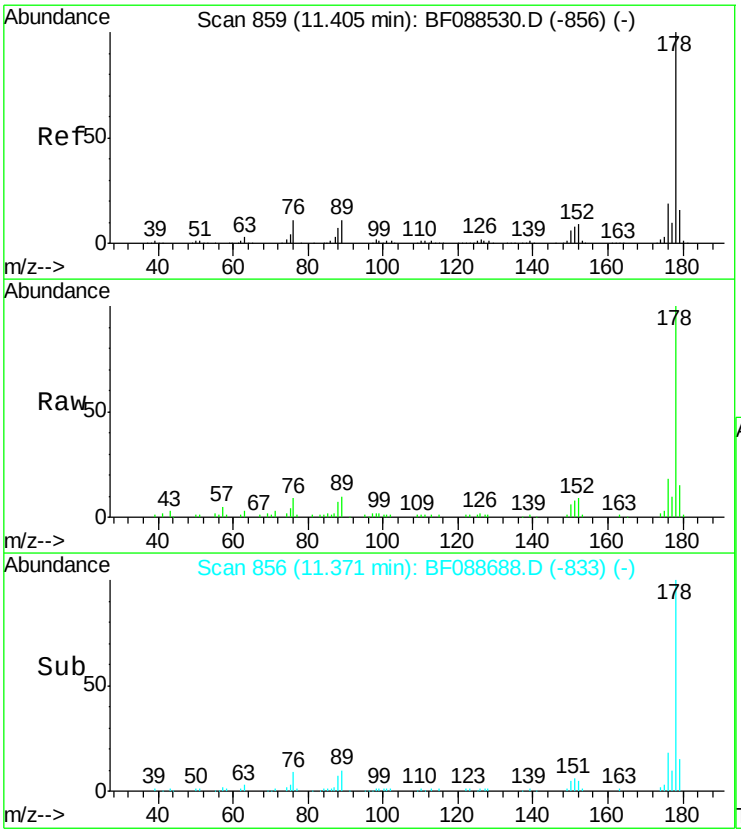
#70
Phenanthrene
Concen: 16.81 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:178 Resp: 224108

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	14.9	13.0	19.4

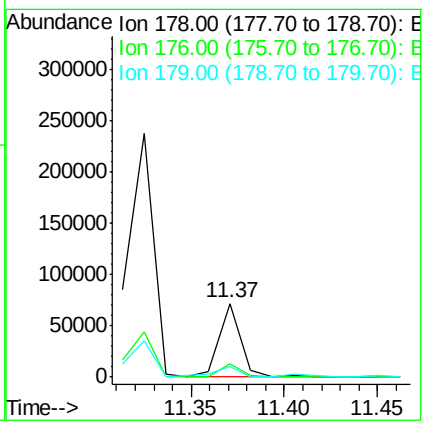


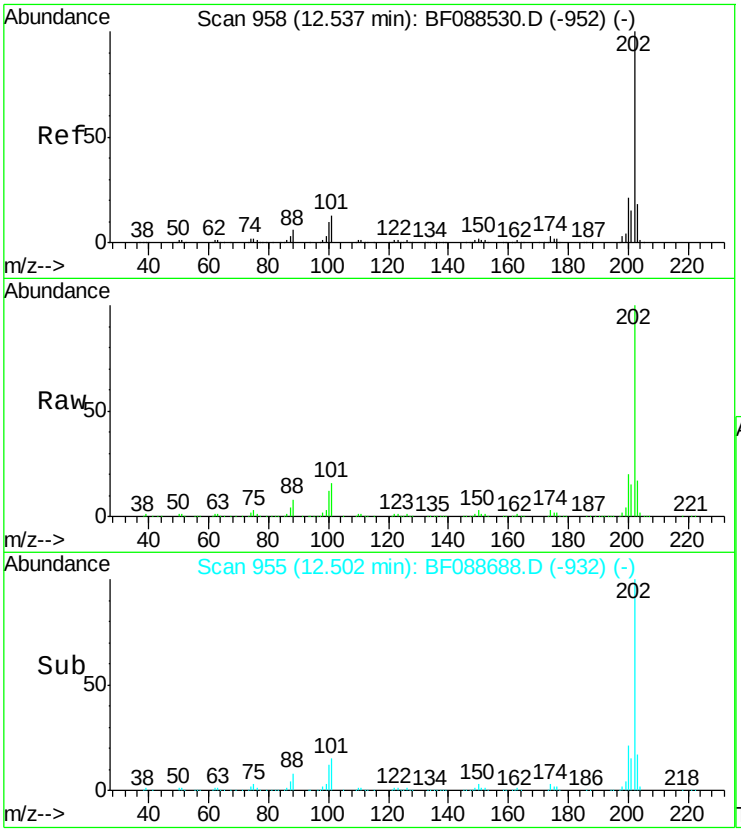


#71
Anthracene
Concen: 4.39 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion:178 Resp: 58161

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.6	23.4
179	15.3	12.8	19.2



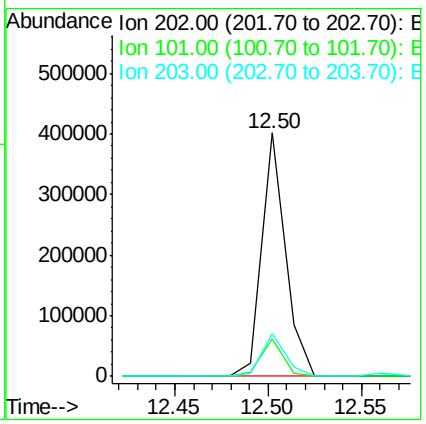


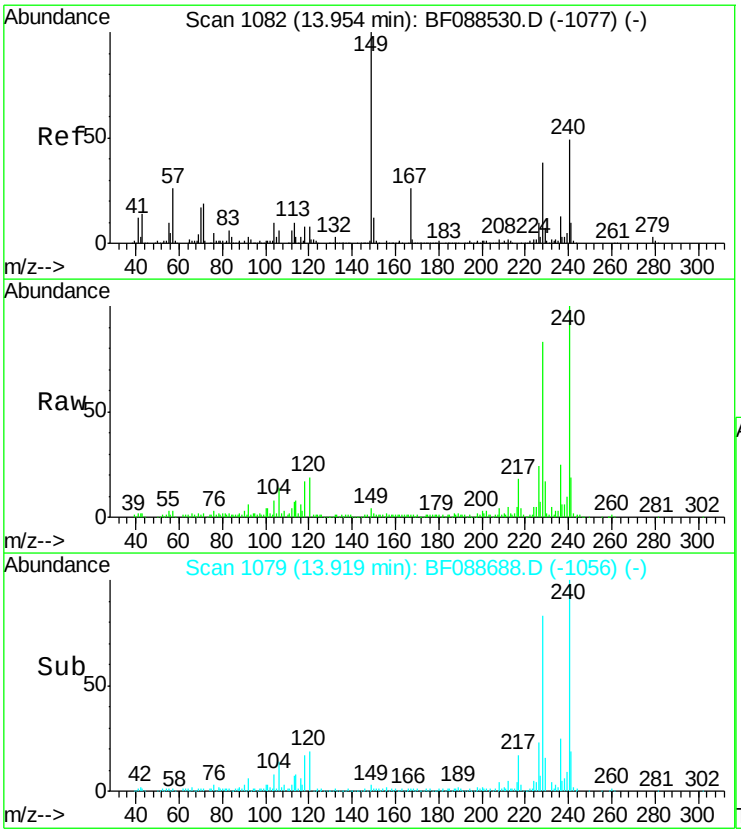
#74
Fluoranthene
Concen: 25.86 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:202 Resp: 349475

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.1
203	17.5	0.0	38.1

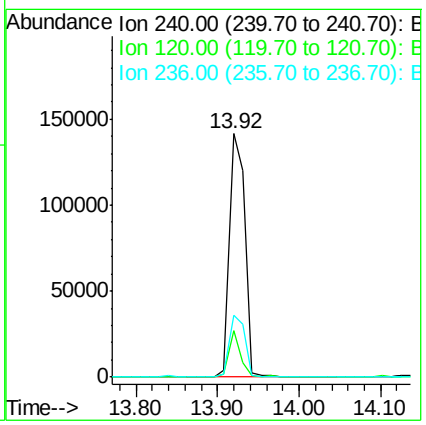


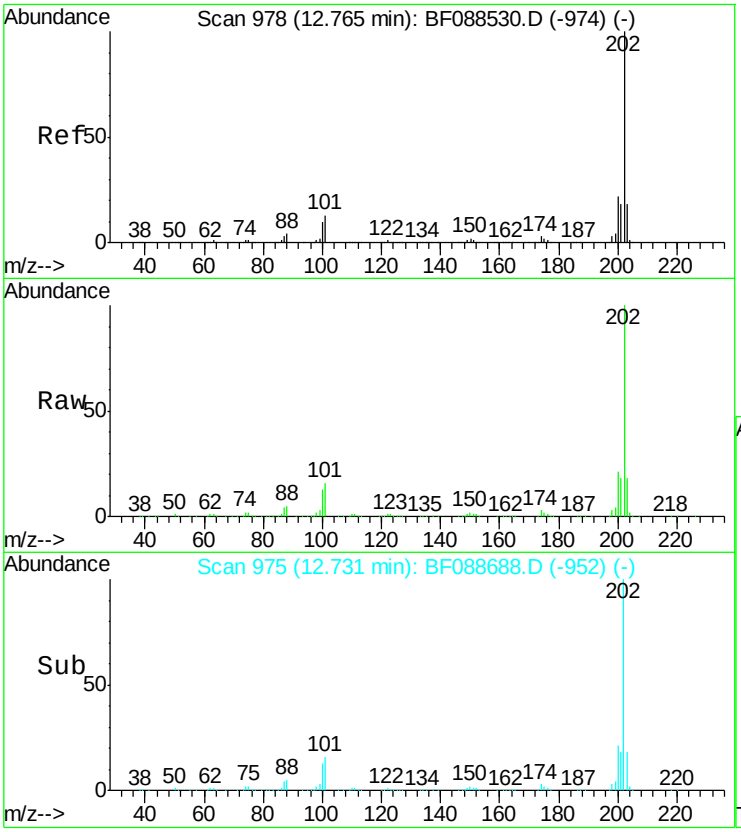


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion:240 Resp: 187697

Ion	Ratio	Lower	Upper
240	100		
120	19.0	6.8	10.2#
236	25.3	20.2	30.2



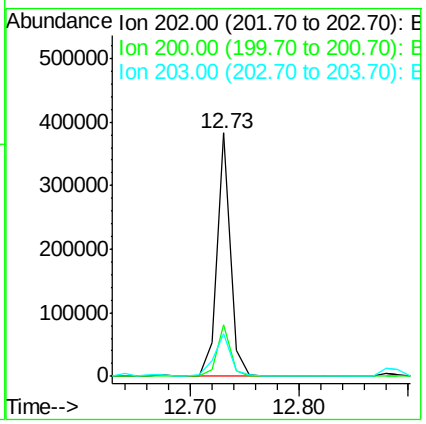


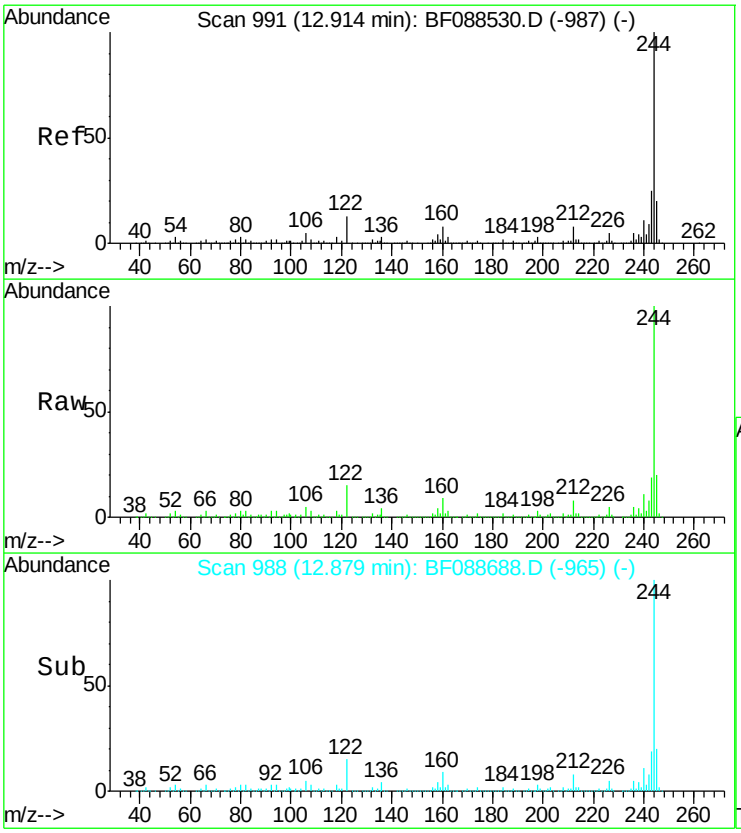
#77
Pyrene
Concen: 20.81 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:202 Resp: 331127

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.8	14.5	21.7

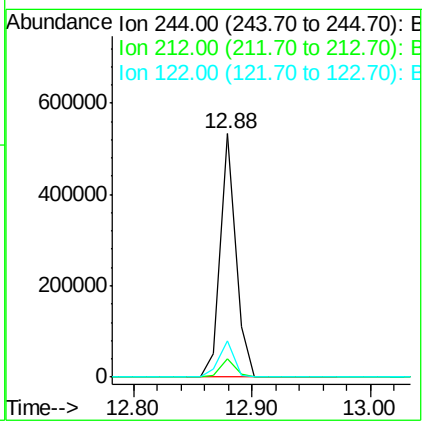


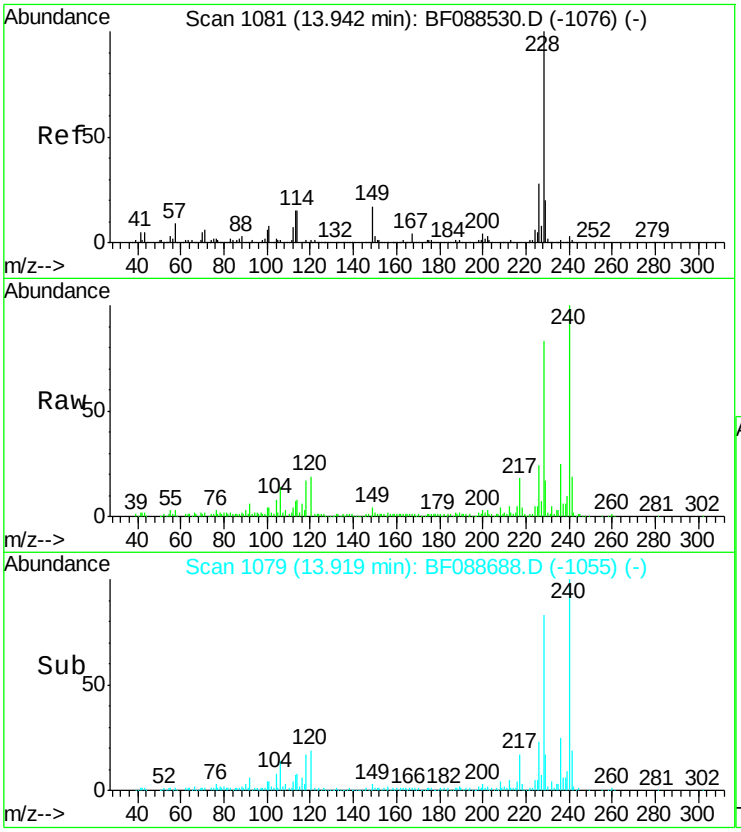


#78
Terphenyl-d14
Concen: 56.71 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion:244 Resp: 477855

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	15.0	11.2	16.8



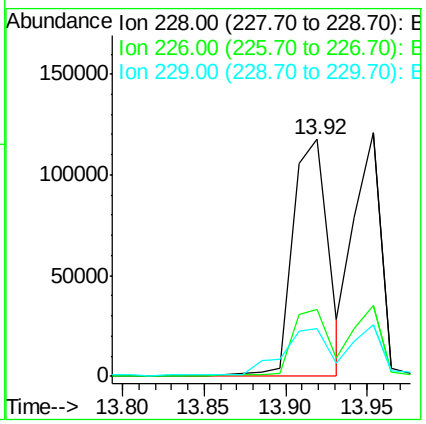


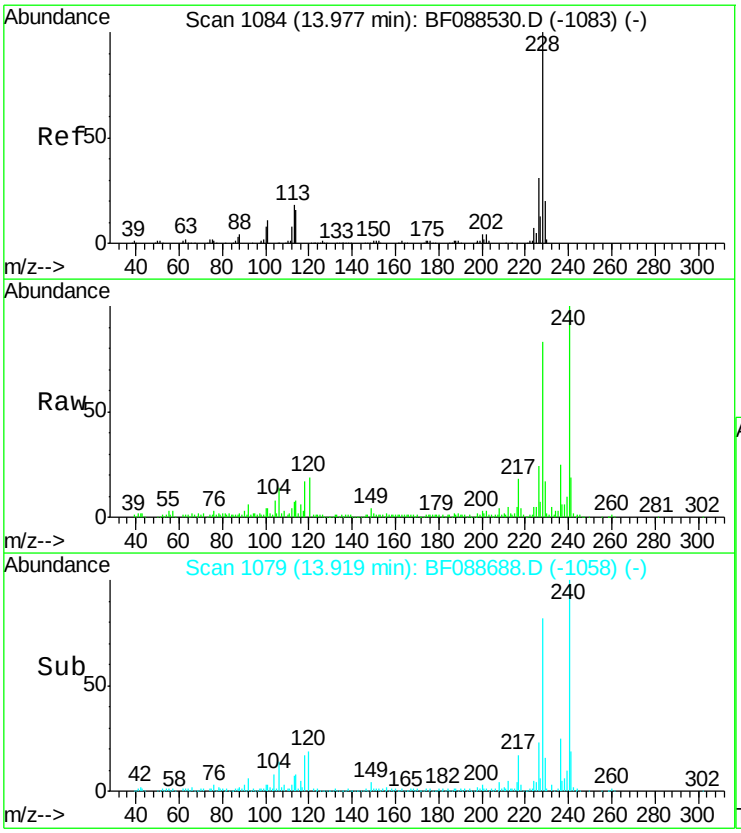
#80
Benzo(a)anthracene
Concen: 14.59 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:228 Resp: 176315

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	20.4	16.0	24.0

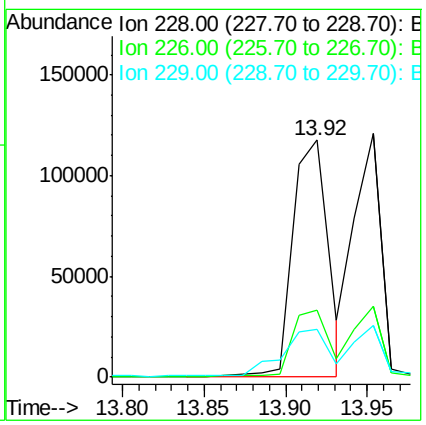


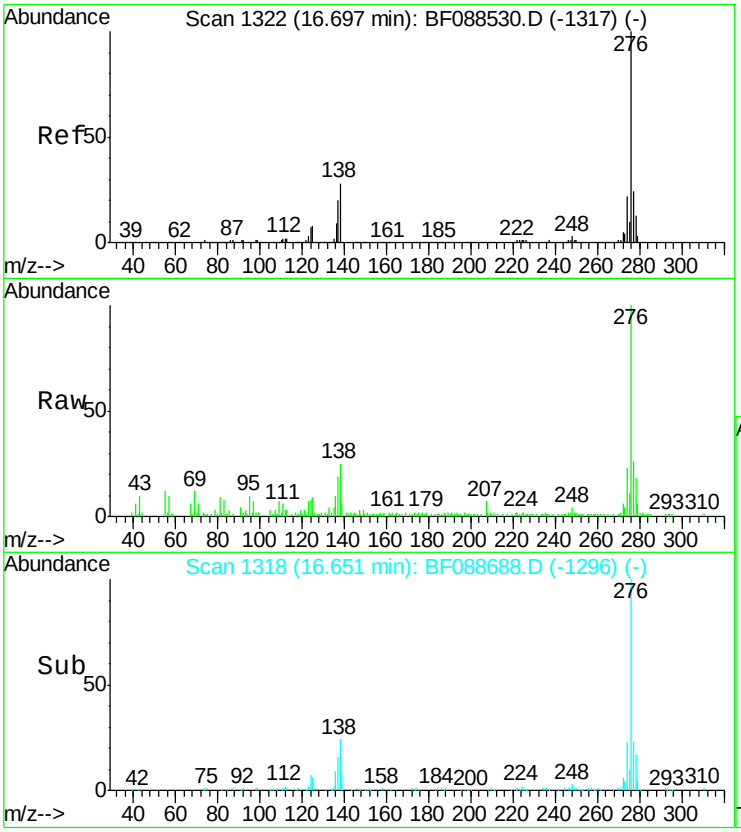


#82
Chrysene
Concen: 14.74 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.06 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion:228 Resp: 176315

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.4	38.2
229	20.4	16.3	24.5



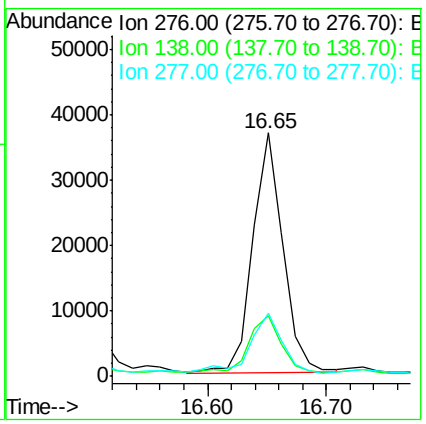


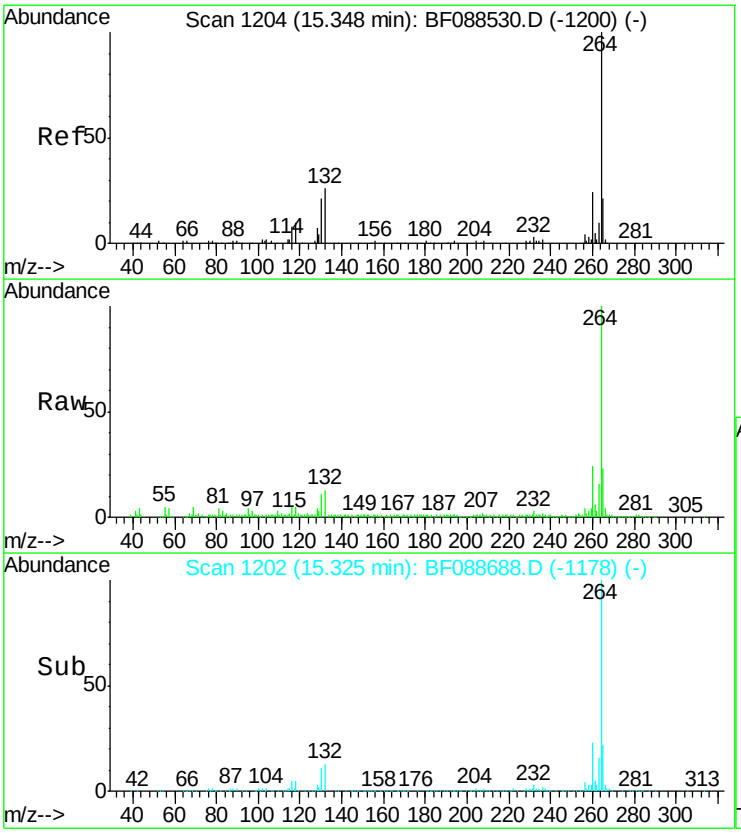
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.12 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:276 Resp: 65500

Ion	Ratio	Lower	Upper
276	100		
138	25.8	0.0	0.0#
277	26.6	0.0	0.0#

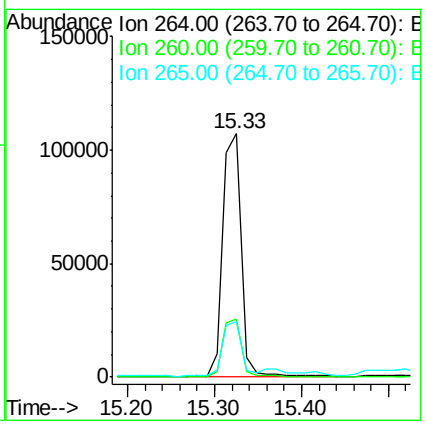


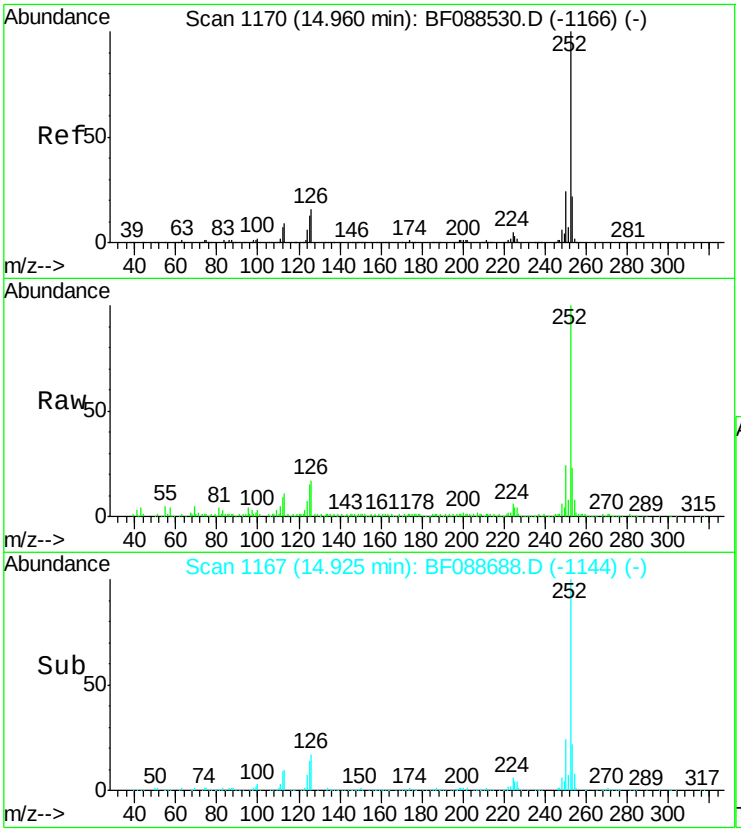


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion:264 Resp: 160831

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.7	16.9	25.3



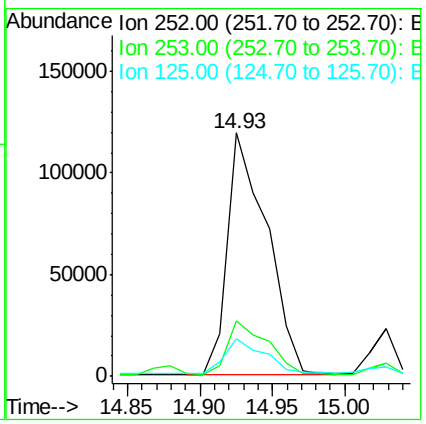


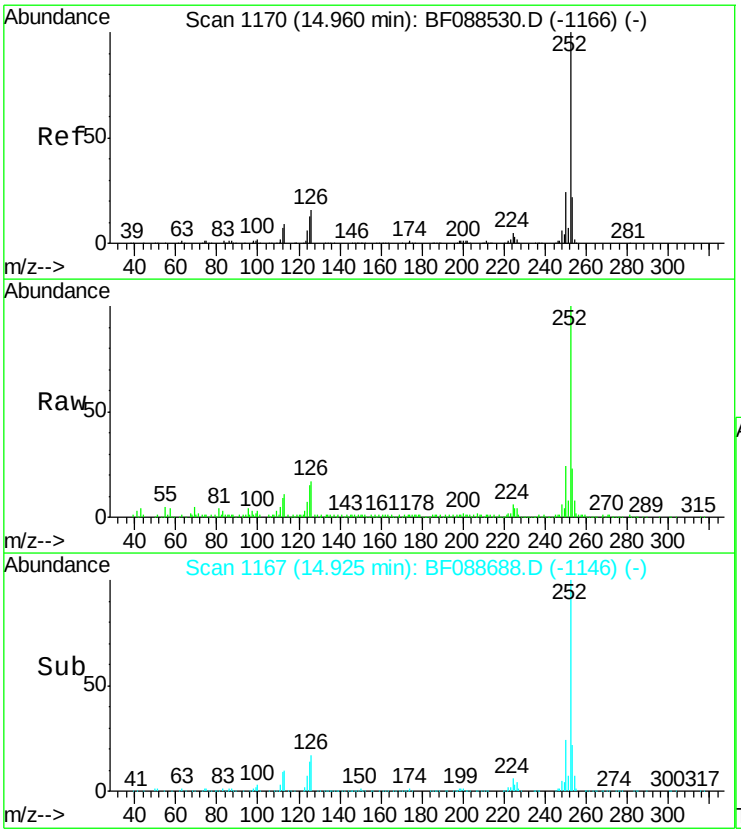
#87
Benzo(b)fluoranthene
Concen: 22.33 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:252 Resp: 225335

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	15.4	7.1	10.7#

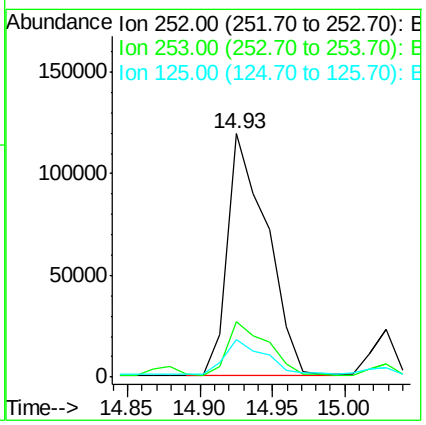


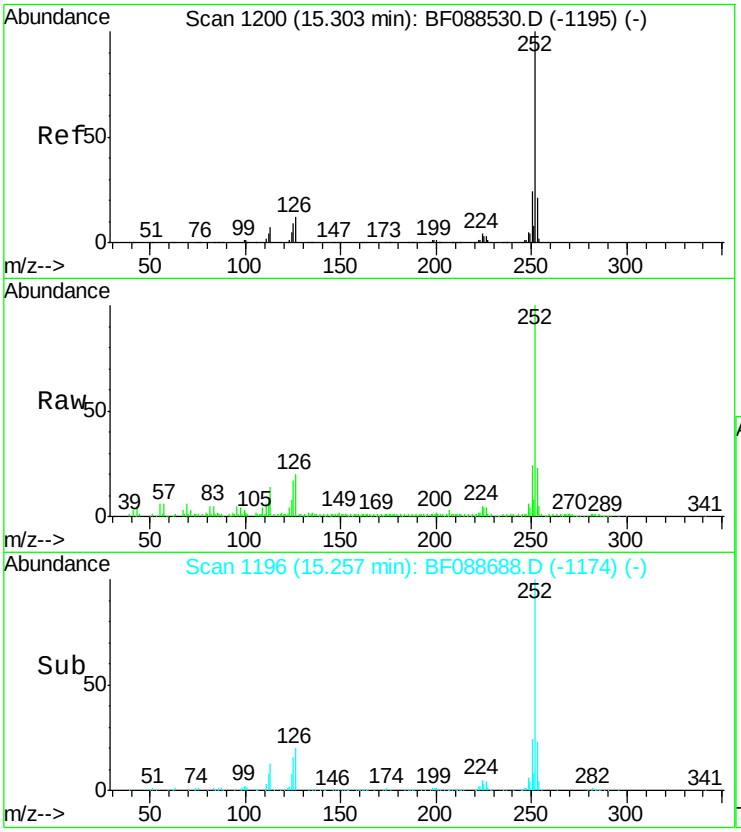


#88
Benzo(k)fluoranthene
Concen: 25.65 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion:252 Resp: 225270

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	15.4	11.2	16.8



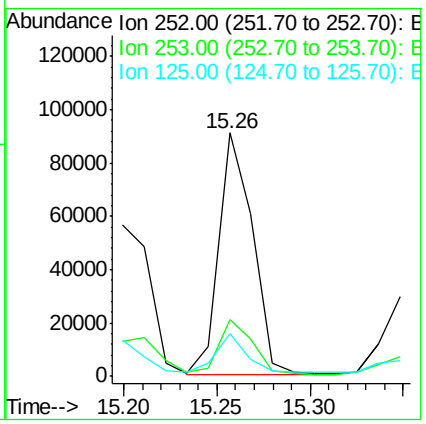


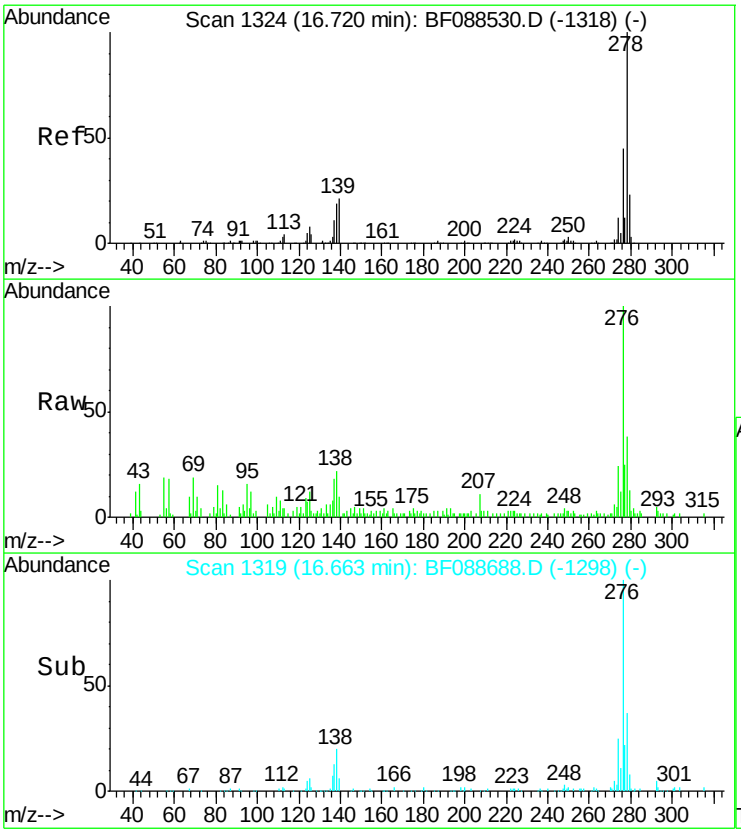
#89
Benzo(a)pyrene
Concen: 13.54 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:252 Resp: 115623

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	17.3	12.5	18.7

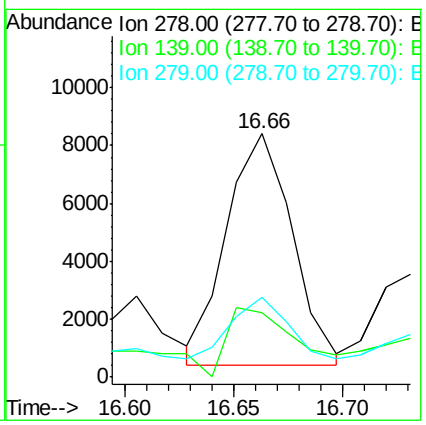


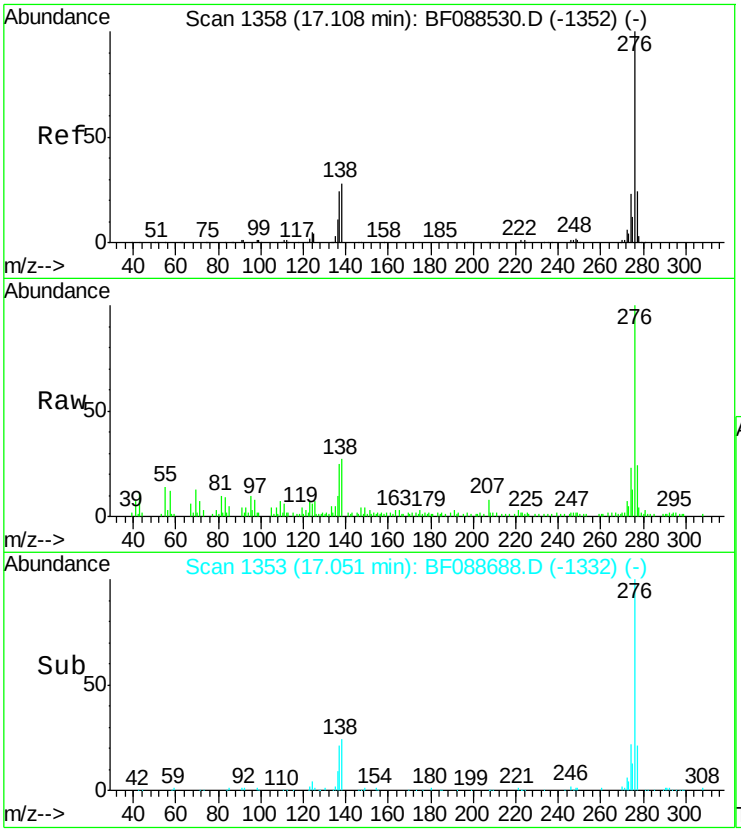


#90
Dibenzo(a,h)anthracene
Concen: 2.36 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Tgt Ion:278 Resp: 16844

Ion	Ratio	Lower	Upper
278	100		
139	26.5	15.7	23.5#
279	32.7	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 8.13 ng
RT: 17.05 min Scan# 1353
Delta R.T. -0.06 min
Lab File: BF088688.D
Acq: 4 Jul 2016 11:38

Instrument :
BNA_F
ClientSampleId :
EPCH-B3(02-04)

Tgt Ion:276 Resp: 59992

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	27.0	21.4	32.2