Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088802.D
Acq On : 8 Jul 2016 2:30
Operator : UM/SJ
Sample : H3889-10 4X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-10

Quant Time: Jul 08 03:55:11 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	79914	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	278315	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	118254	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	202085	20.00	ng		0.00
75) Chrysene-d12	13.90	240	157414	20.00	ng		0.01
86) Perylene-d12	15.29	264	125176	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	40090	7.52	ng		0.00
7) Phenol-d6	6.36	99	72268	10.49	ng		-0.02
23) Nitrobenzene-d5	7.30	82	42367	7.98	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	19463	17.72	ng		-0.01
44) 2-Fluorobiphenyl	9.11	172	91712	12.25	ng		0.00
78) Terphenyl-d14	12.85	244	106789	15.11	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.30	82	34206	3.48	ng	#	65
49) Dimethylphthalate	9.50	163	97613	11.59	ng		99
56) 2,4-Dinitrotoluene	9.78	165	14929	6.12	ng	#	36
70) Phenanthrene	11.28	178	22572	2.04	ng		96
71) Anthracene	11.28	178	22572	2.05	ng		96
74) Fluoranthene	12.47	202	50873	4.54	ng		90
77) Pyrene	12.70	202	45938	3.44	ng	#	91
80) Benzo(a)anthracene	13.89	228	21127	2.08	ng	#	83
82) Chrysene	13.92	228	27166	2.71	ng	#	90
83) Bis(2-ethylhexyl)phthalate	13.90	149	41266	6.07	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.61	276	21865	2.83	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	51283	6.53	ng	#	71
88) Benzo(k)fluoranthene	14.90	252	51283	7.50	ng	#	72
89) Benzo(a)pyrene	15.23	252	18728	2.82	ng	#	53
91) Benzo(g,h,i)perylene	16.99	276	22911	3.99	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088802.D
Acq On : 8 Jul 2016 2:30
Operator : UM/SJ
Sample : H3889-10 4X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-10

Quant Time: Jul 08 03:55:11 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
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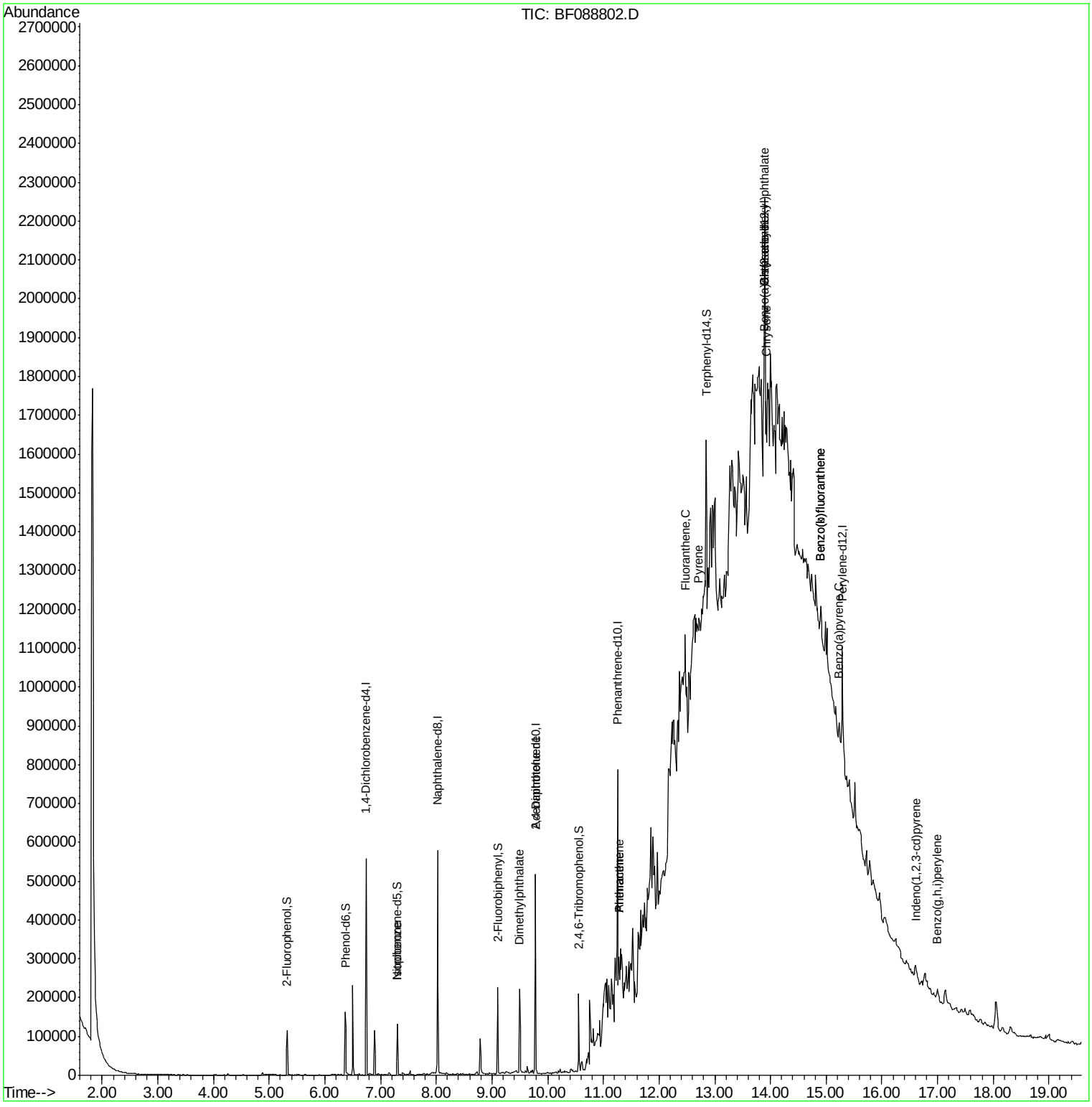
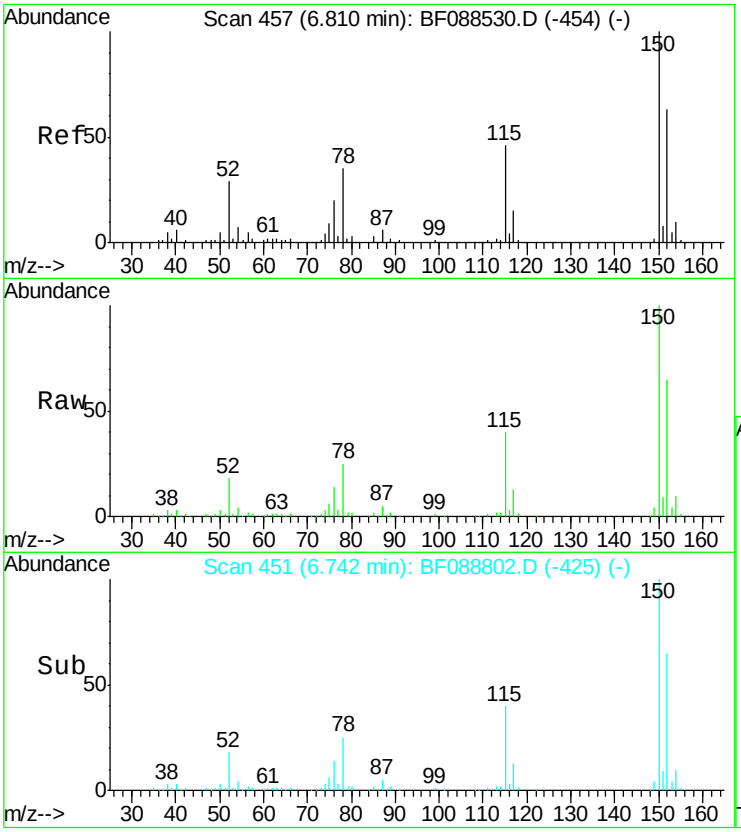


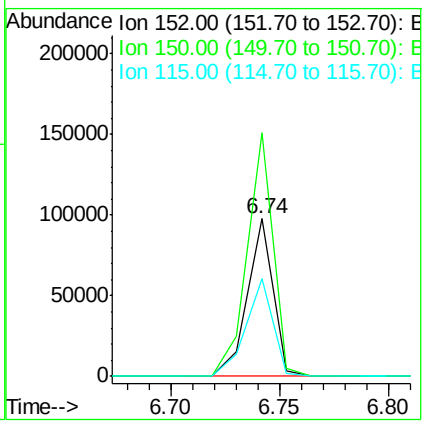


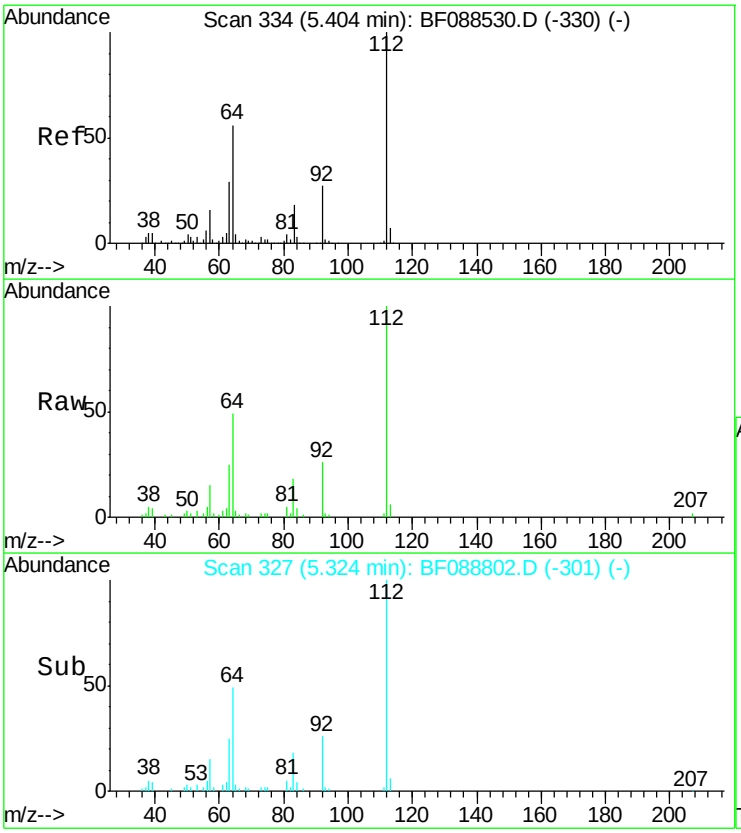
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:152 Resp: 79914

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.8	185.6
115	62.3	39.6	59.4#

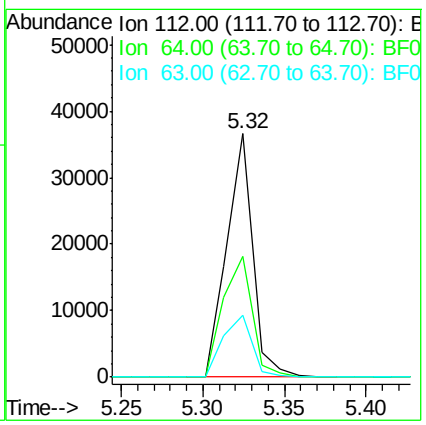


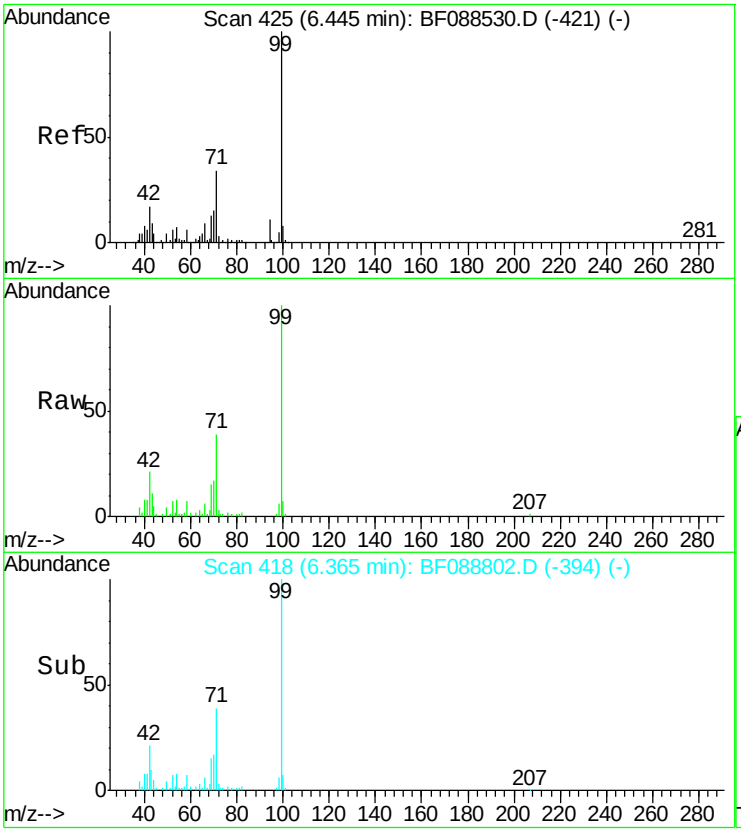


#5
2-Fluorophenol
Concen: 7.52 ng
RT: 5.32 min Scan# 327
Delta R.T. 0.00 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion:112 Resp: 40090

Ion	Ratio	Lower	Upper
112	100		
64	49.4	42.2	63.2
63	25.5	21.8	32.8



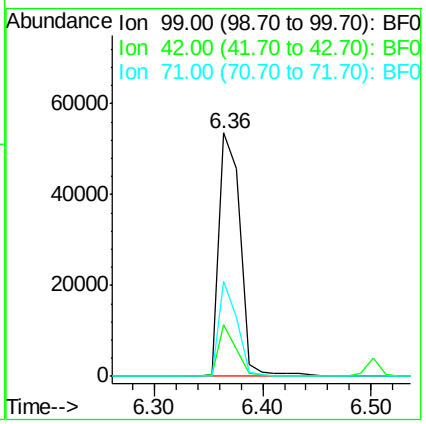


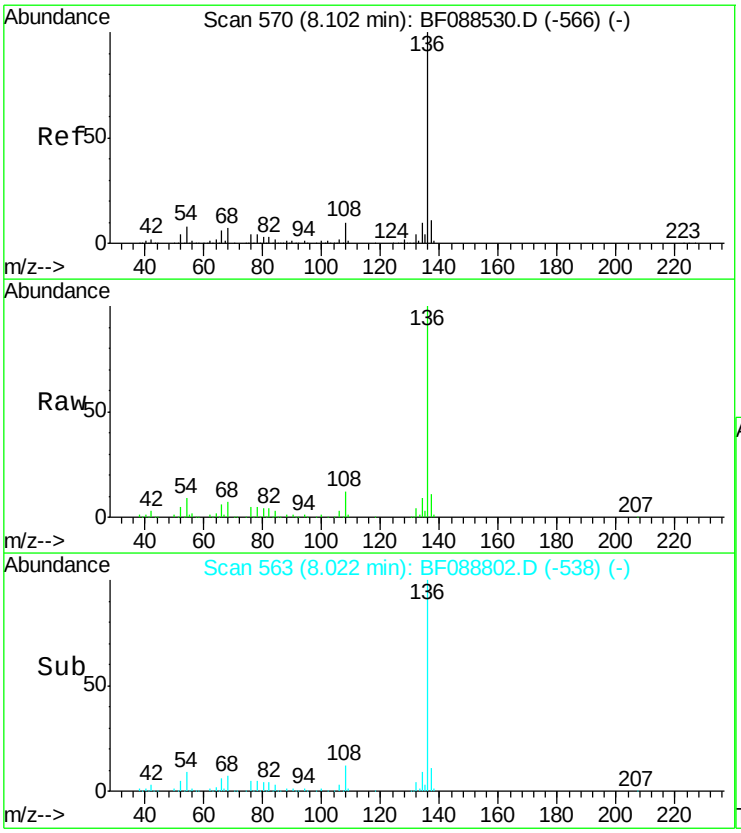
#7
Phenol-d6
Concen: 10.49 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion: 99 Resp: 72268

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.2	18.2#
71	39.1	23.4	35.0#

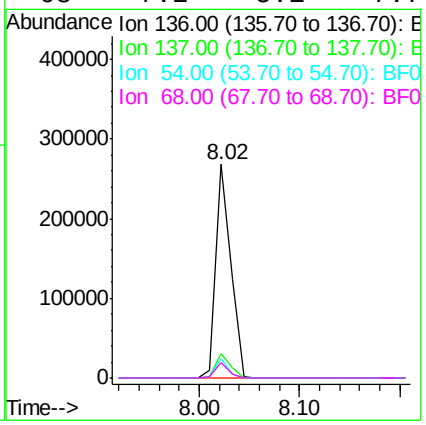


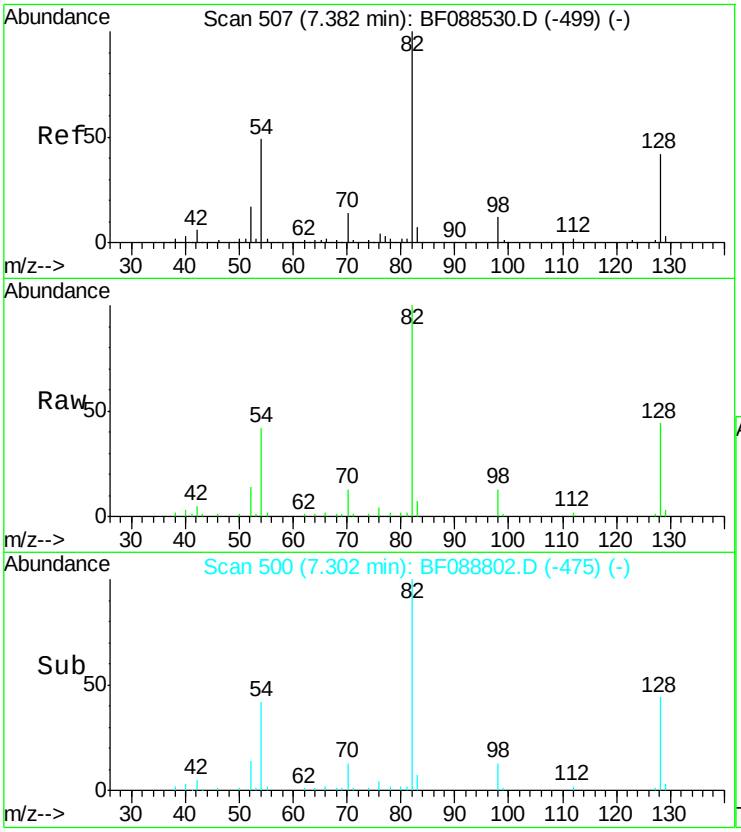


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion:136 Resp: 278315

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.2	6.6	10.0
68	7.2	5.1	7.7



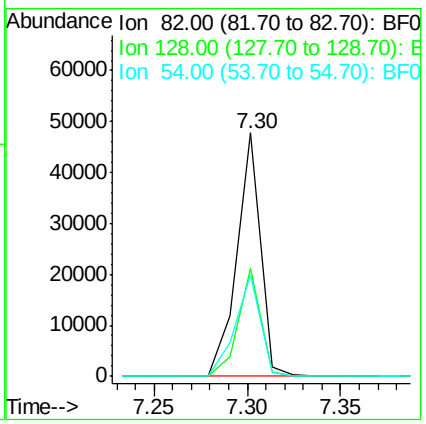


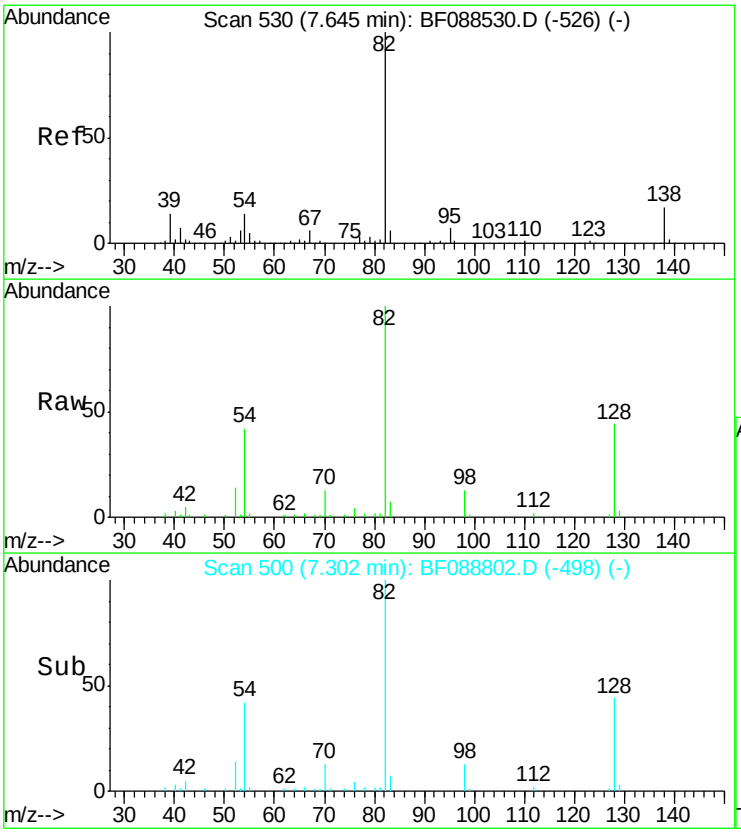
#23
Nitrobenzene-d5
Concen: 7.98 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion: 82 Resp: 42367

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.9	53.9
54	41.8	40.9	61.3

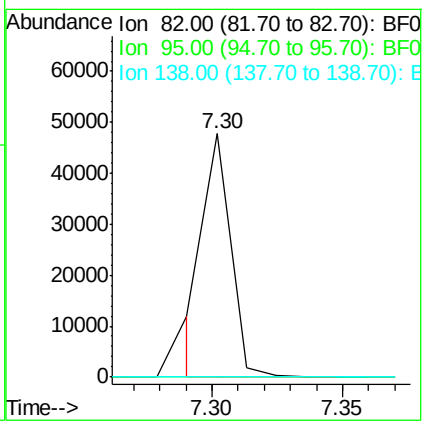


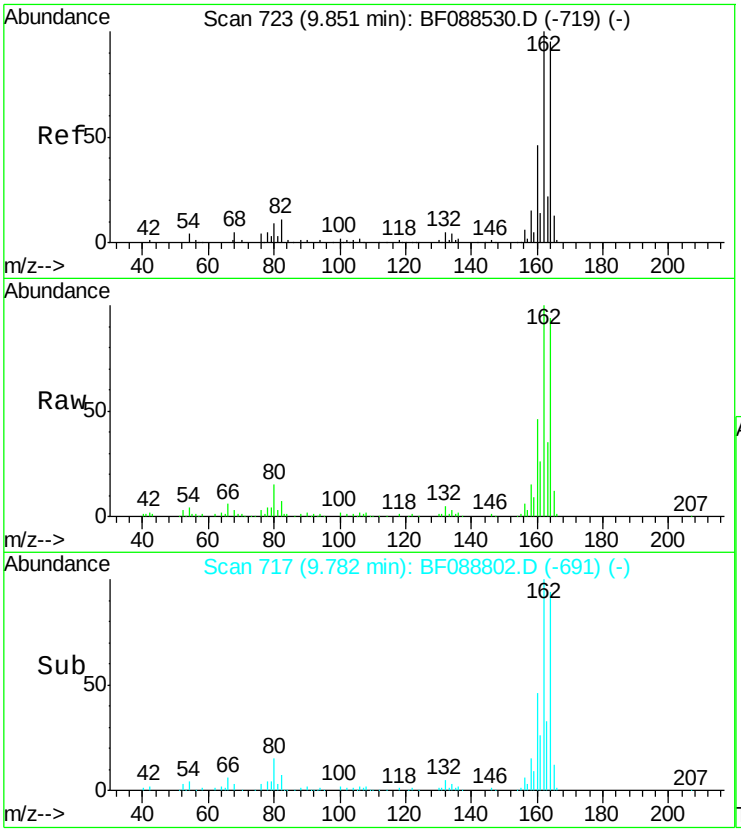


#25
Isophorone
Concen: 3.48 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.27 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion: 82 Resp: 34206

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



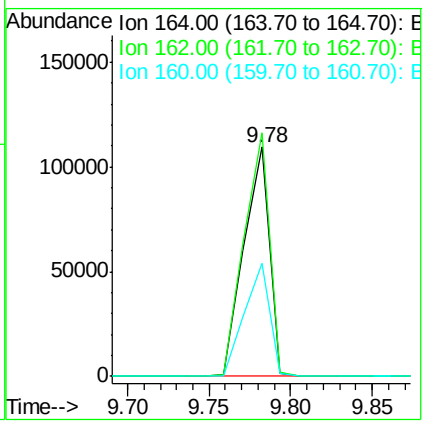


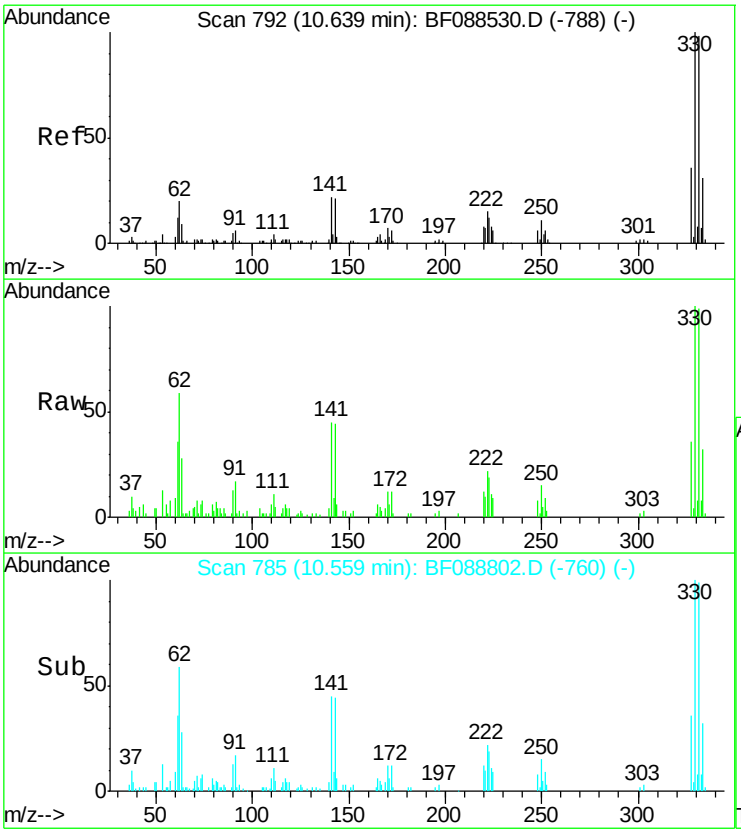
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:164 Resp: 118254

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.4	128.2
160	49.1	39.5	59.3

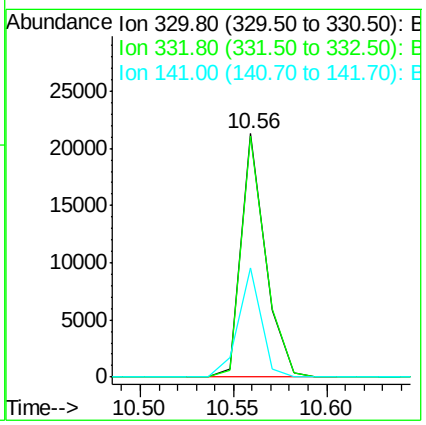


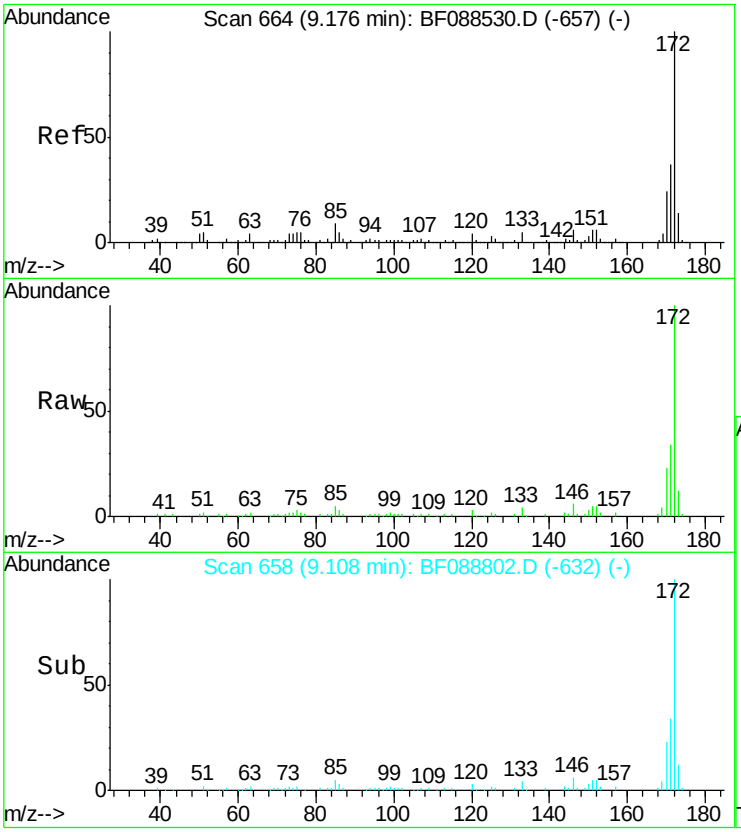


#41
2,4,6-Tribromophenol
Concen: 17.72 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion:330 Resp: 19463

Ion	Ratio	Lower	Upper
330	100		
332	98.7	0.0	0.0#
141	42.1	0.0	0.0#



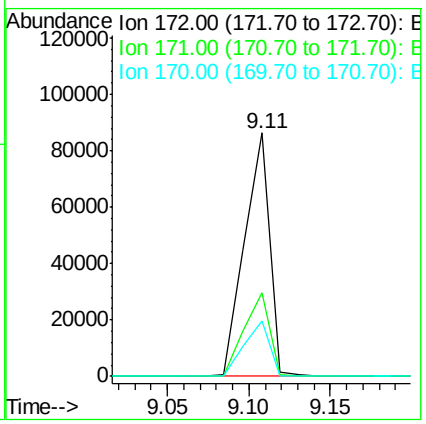


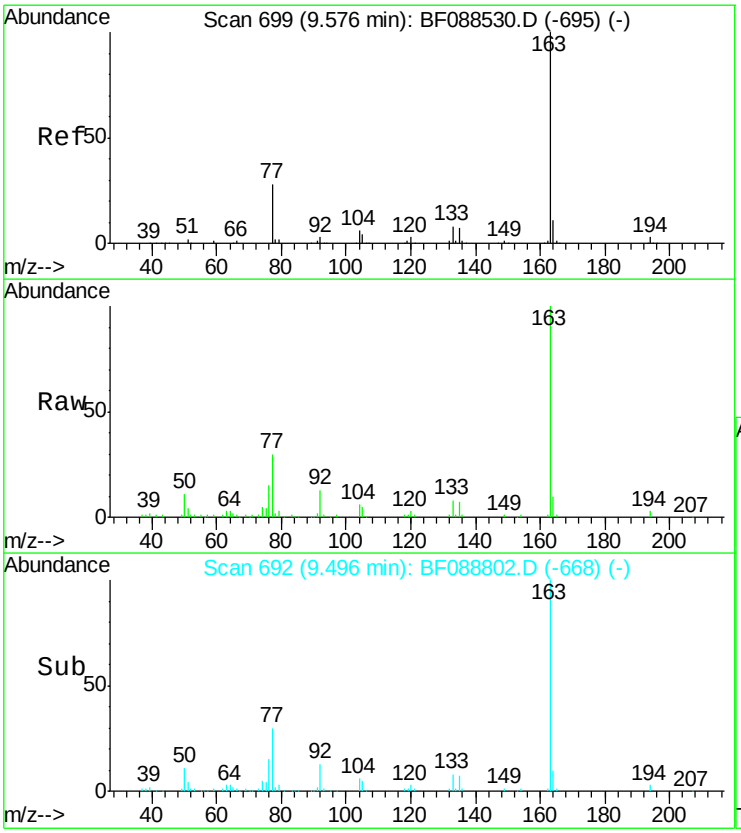
#44
2-Fluorobiphenyl
Concen: 12.25 ng
RT: 9.11 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:172 Resp: 91712

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	43.0
170	22.7	19.2	28.8

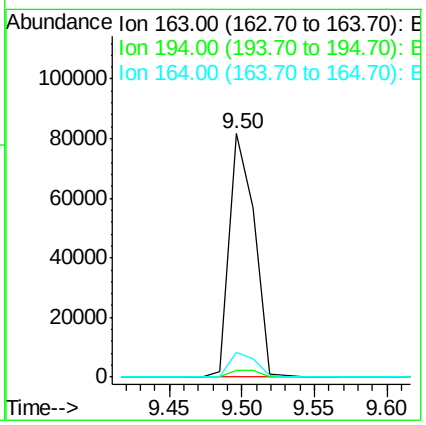


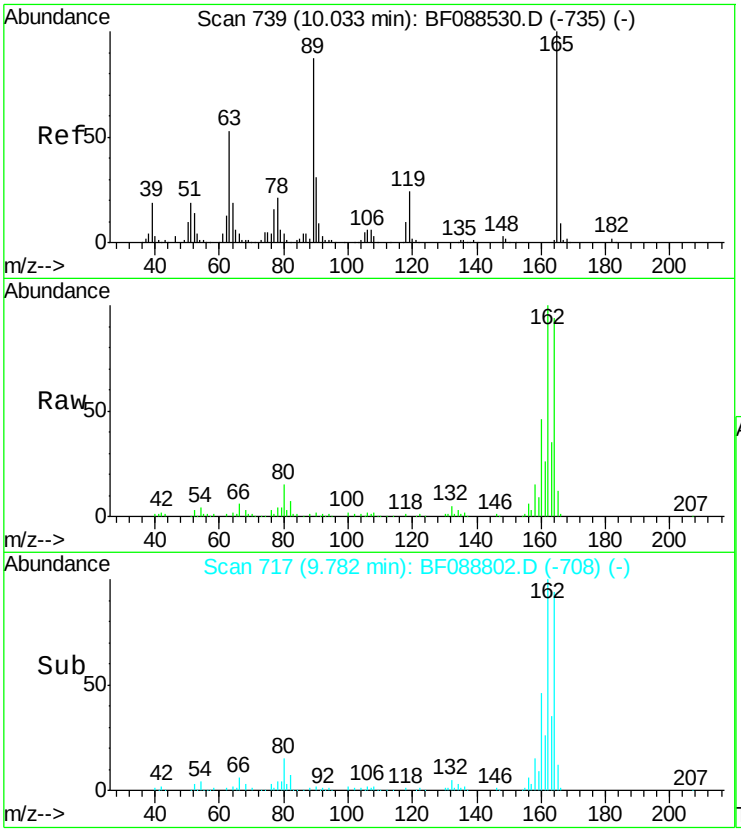


#49
Dimethylphthalate
Concen: 11.59 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.02 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion:163 Resp: 97613

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.3	8.3	12.5



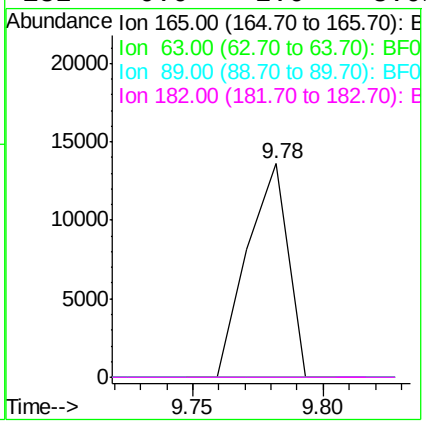


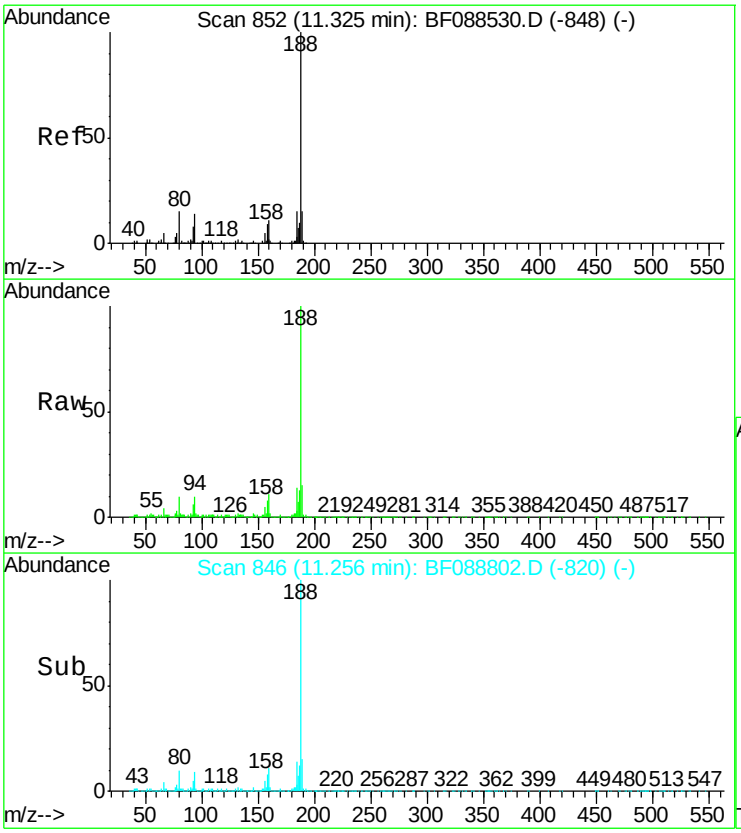
#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.19 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:165 Resp: 14929

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#

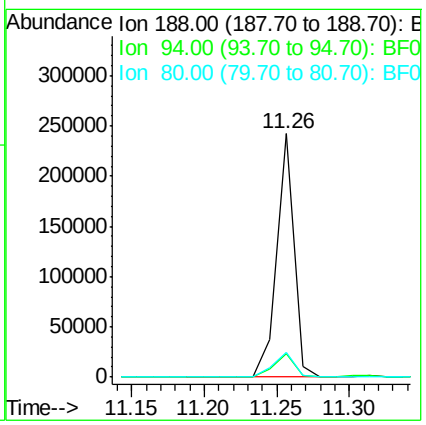


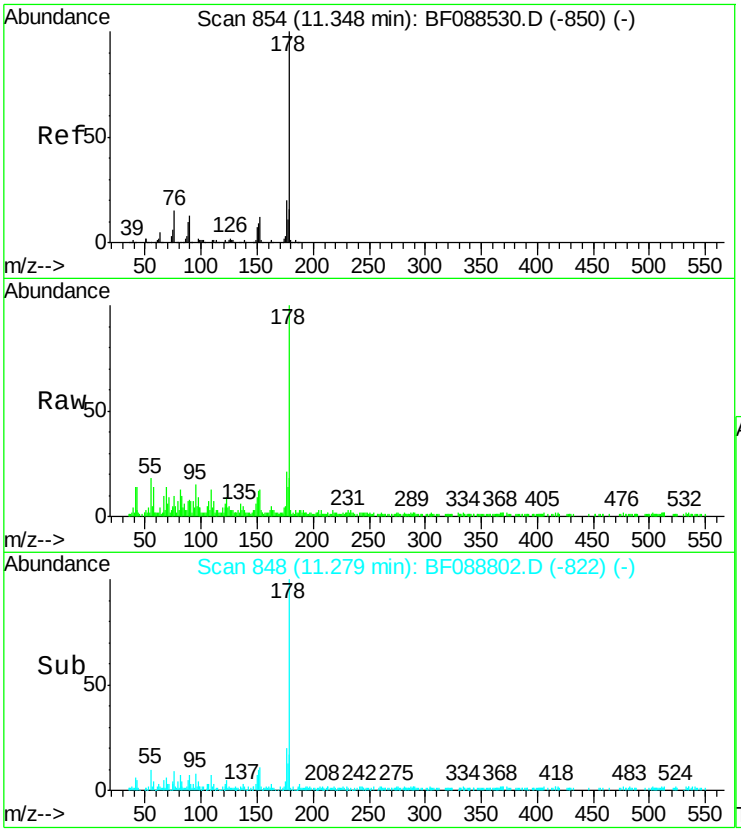


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion:188 Resp: 202085

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.6
80	10.0	10.0	15.0



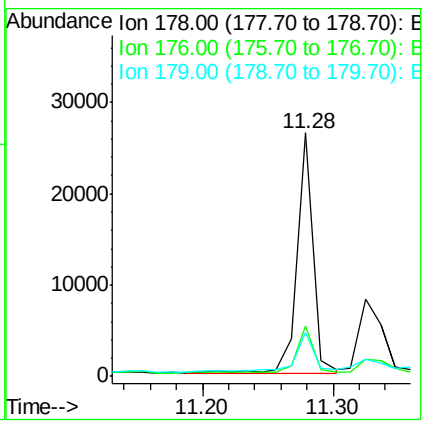


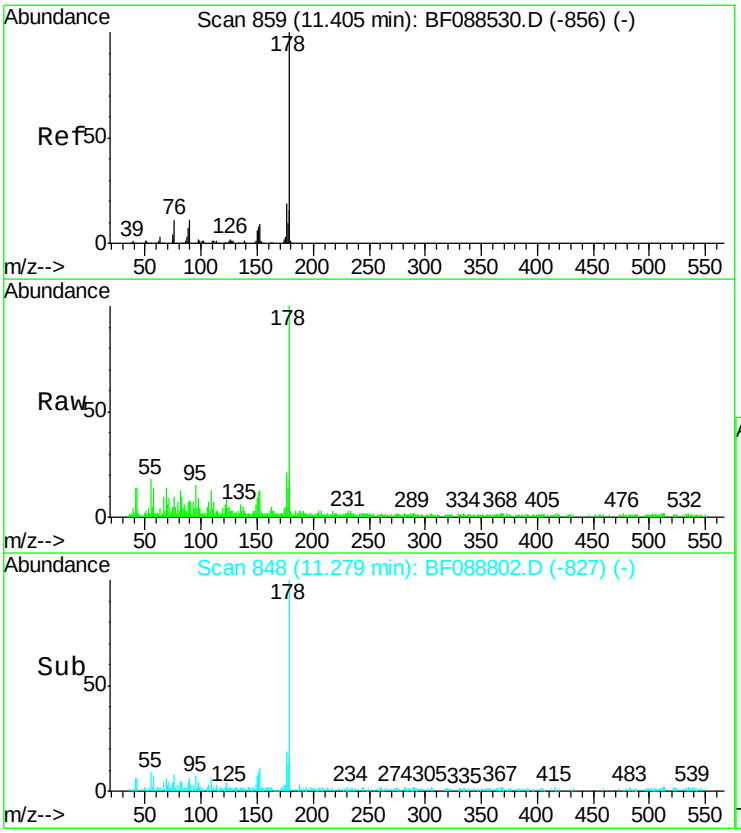
#70
Phenanthrene
Concen: 2.04 ng
RT: 11.28 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:178 Resp: 22572

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.6
179	18.2	13.0	19.4

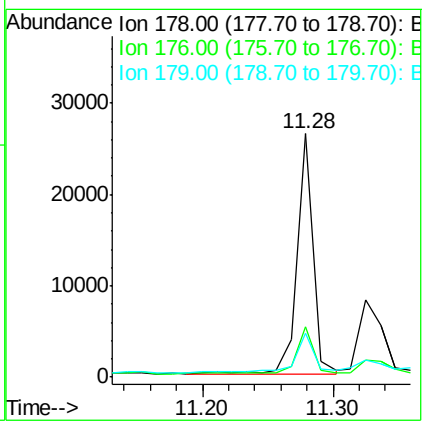


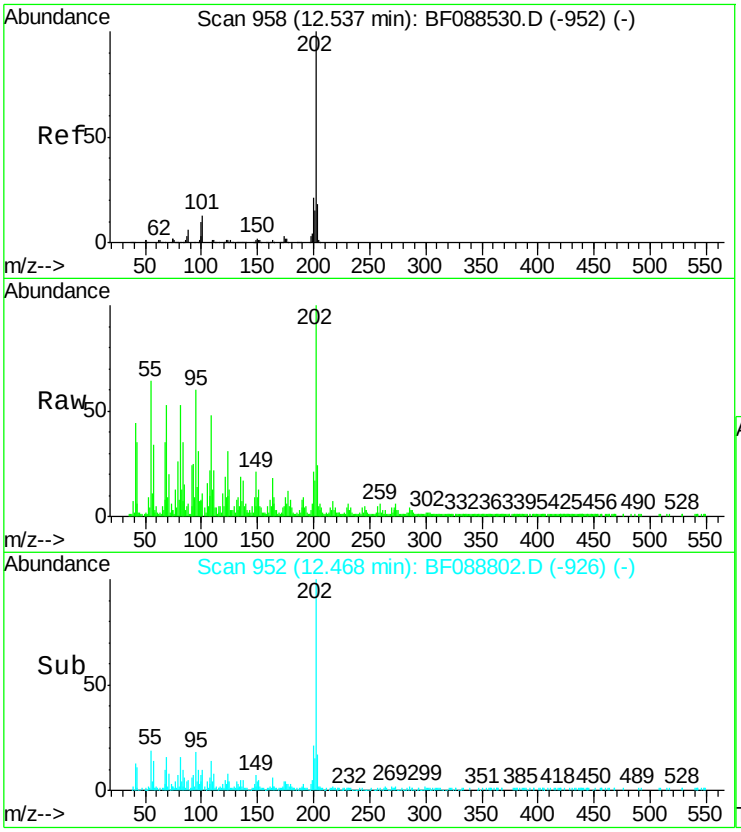


#71
Anthracene
Concen: 2.05 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.06 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion:178 Resp: 22572

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.6	23.4
179	18.2	12.8	19.2



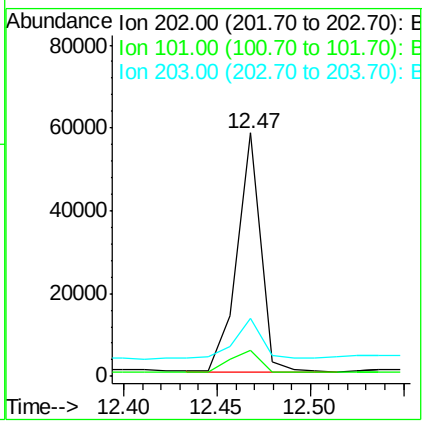


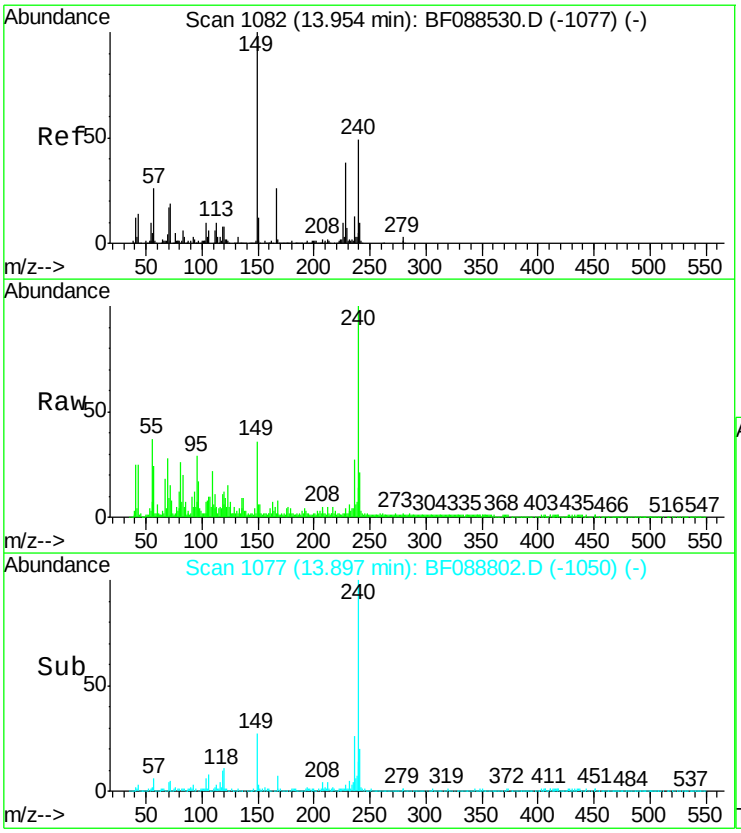
#74
Fluoranthene
Concen: 4.54 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:202 Resp: 50873

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.1
203	23.8	0.0	38.1

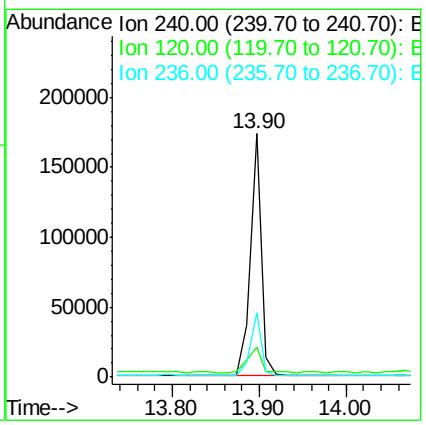


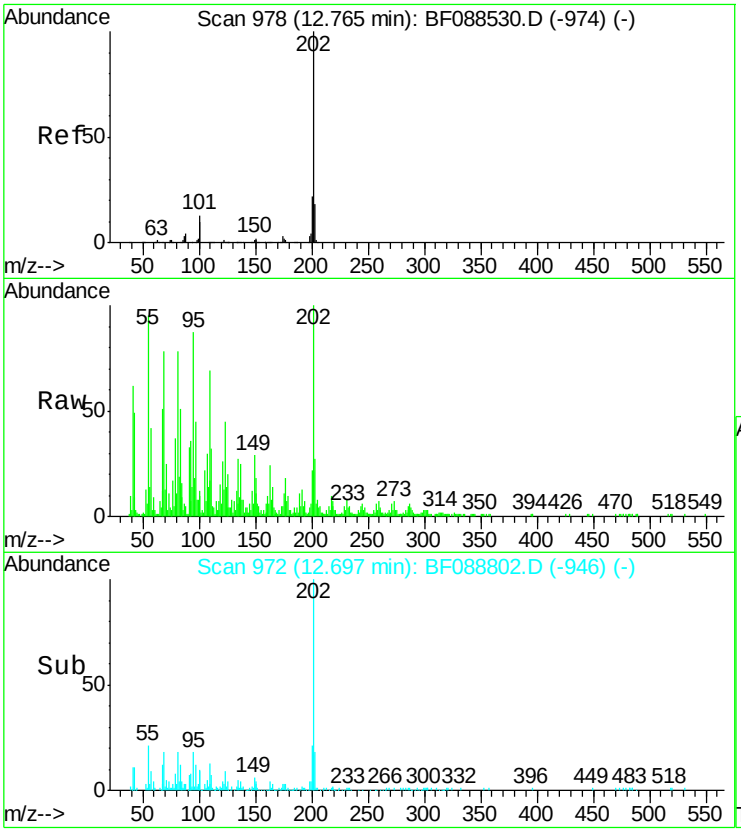


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion:240 Resp: 157414

Ion	Ratio	Lower	Upper
240	100		
120	12.4	6.8	10.2#
236	26.7	20.2	30.2



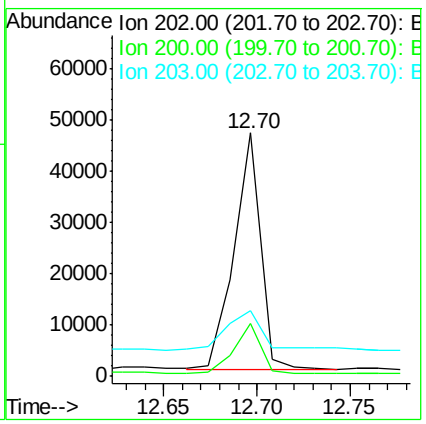


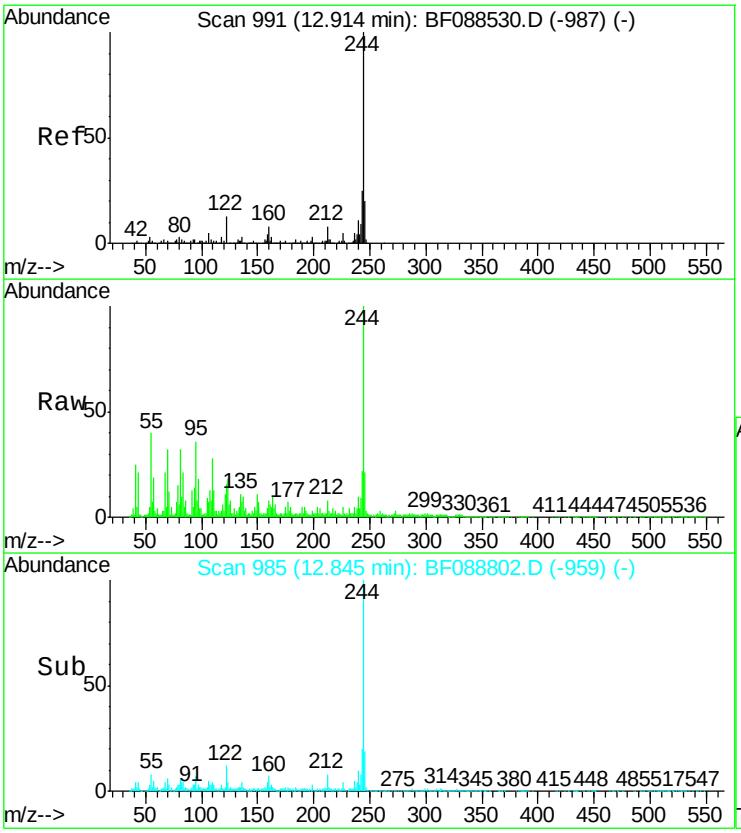
#77
Pyrene
Concen: 3.44 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:202 Resp: 45938

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	27.1	14.5	21.7#

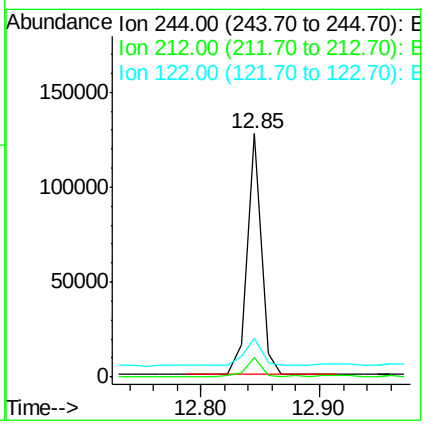


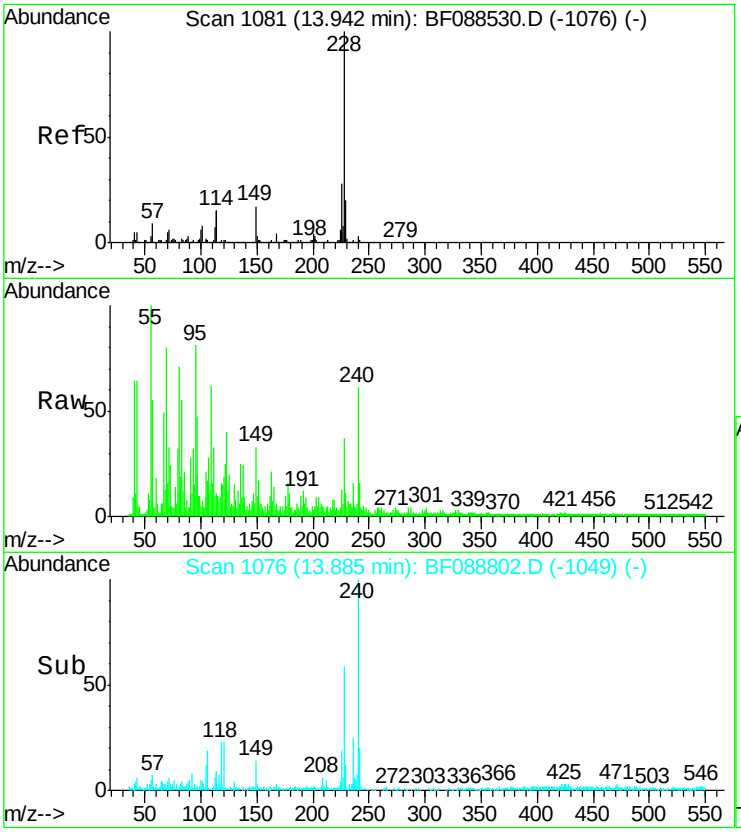


#78
Terphenyl-d14
Concen: 15.11 ng
RT: 12.85 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion:244 Resp: 106789

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	15.8	11.2	16.8



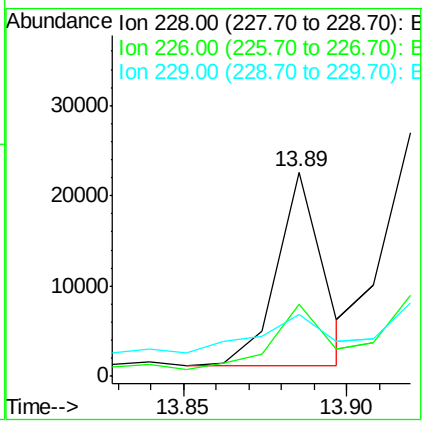


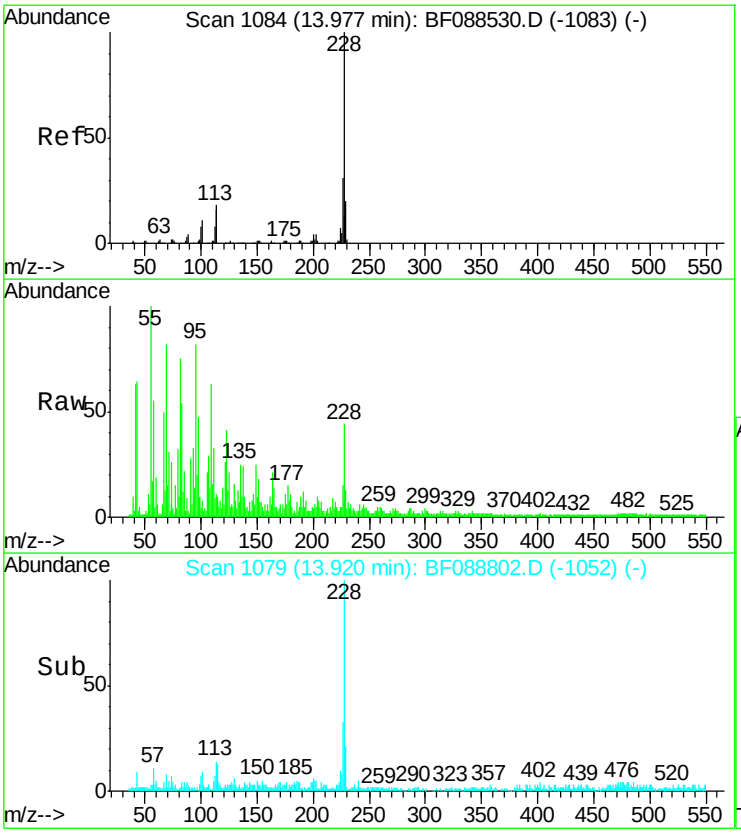
#80
Benzo(a)anthracene
Concen: 2.08 ng
RT: 13.89 min Scan# 1076
Delta R.T. 0.01 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:228 Resp: 21127

Ion	Ratio	Lower	Upper
228	100		
226	35.0	22.3	33.5#
229	30.0	16.0	24.0#

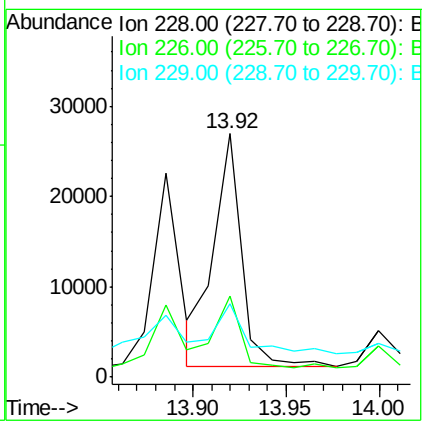


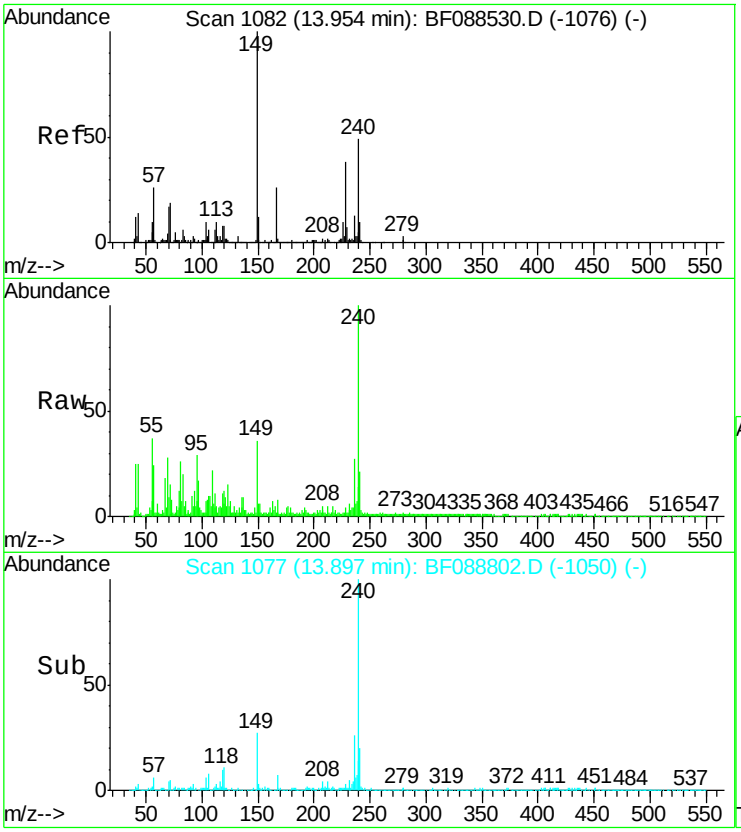


#82
Chrysene
Concen: 2.71 ng
RT: 13.92 min Scan# 1079
Delta R.T. 0.01 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion:228 Resp: 27166

Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.4	38.2
229	30.1	16.3	24.5#



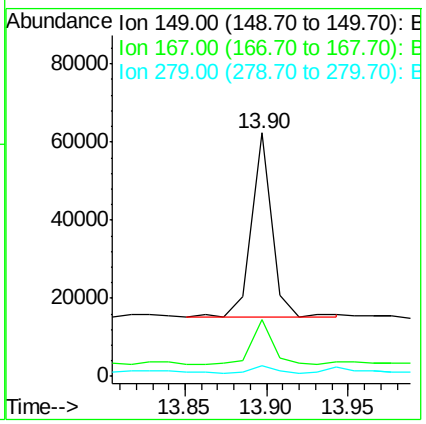


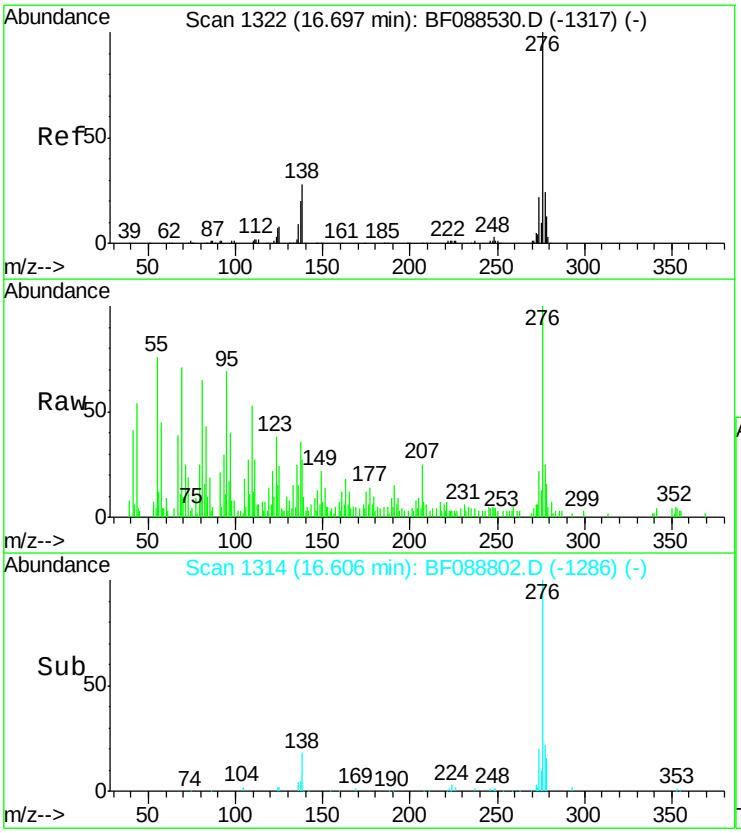
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.07 ng
RT: 13.90 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:149 Resp: 41266

Ion	Ratio	Lower	Upper
149	100		
167	23.5	20.5	30.7
279	4.2	2.0	3.0#

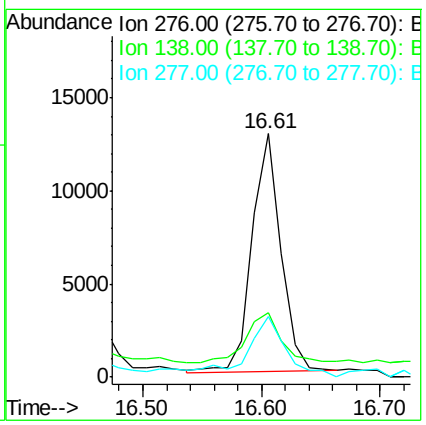


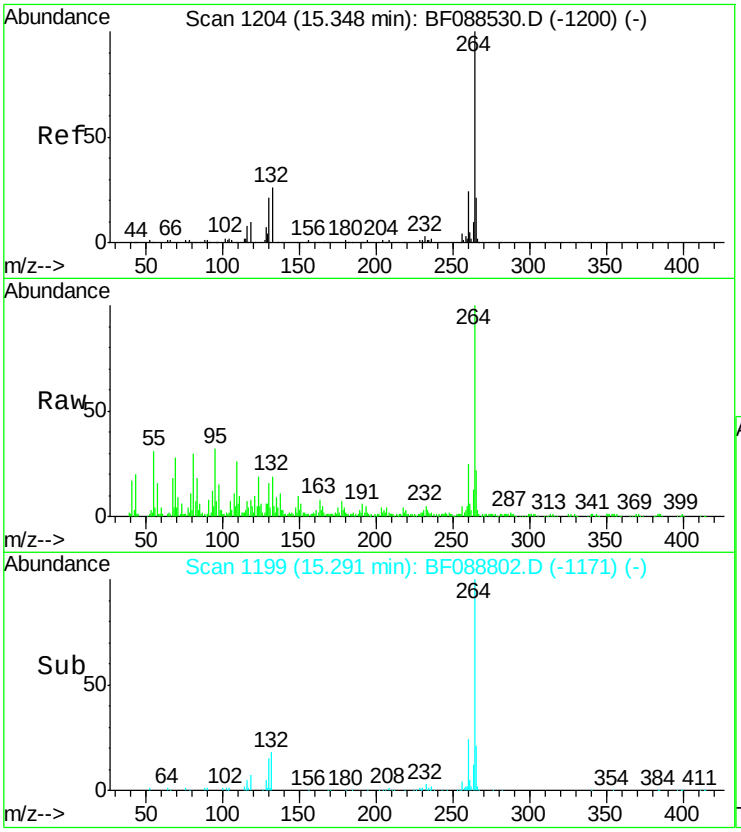


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.83 ng
RT: 16.61 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion:276 Resp: 21865

Ion	Ratio	Lower	Upper
276	100		
138	25.3	0.0	0.0#
277	34.2	0.0	0.0#



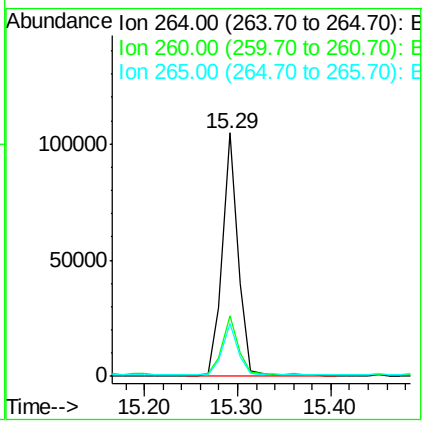


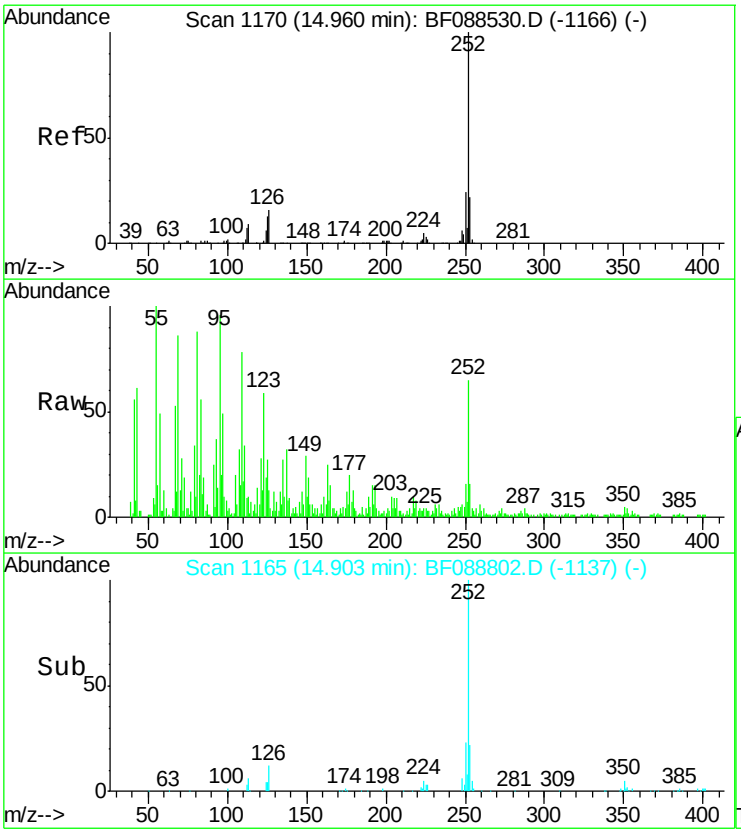
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. 0.02 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:264 Resp: 125176

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.6	16.9	25.3

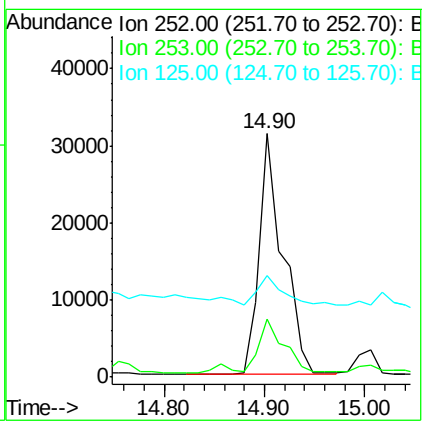


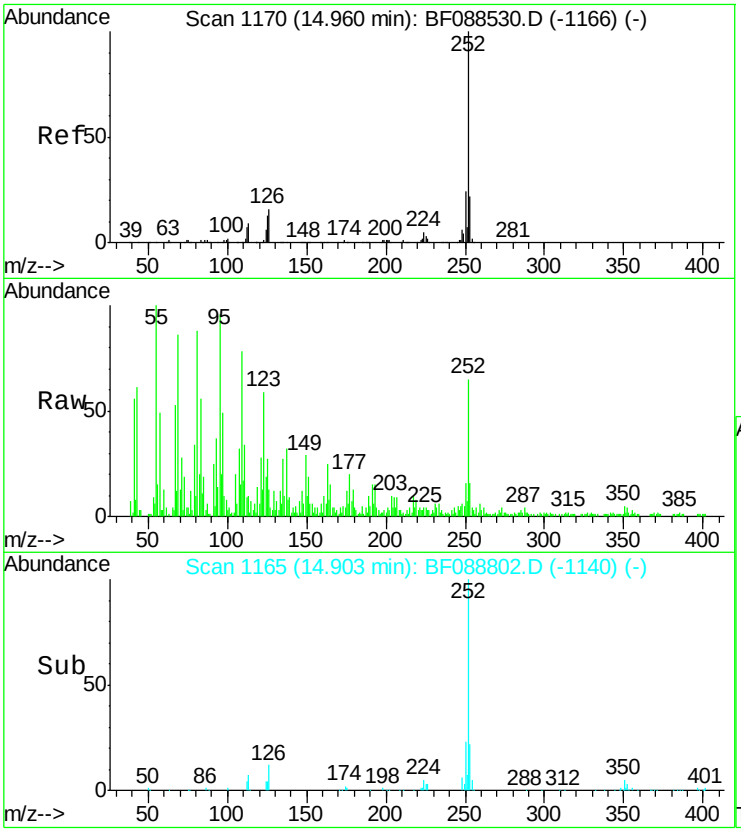


#87
Benzo(b)fluoranthene
Concen: 6.53 ng
RT: 14.90 min Scan# 1165
Delta R.T. 0.02 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion:252 Resp: 51283

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.2
125	41.5	7.1	10.7#



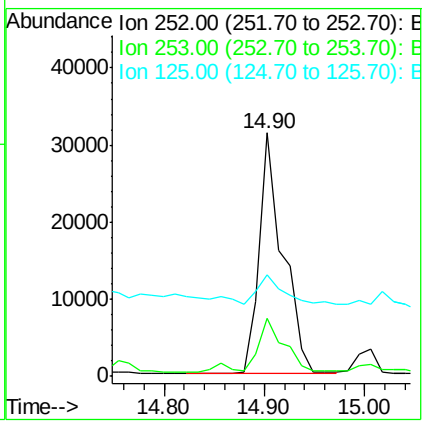


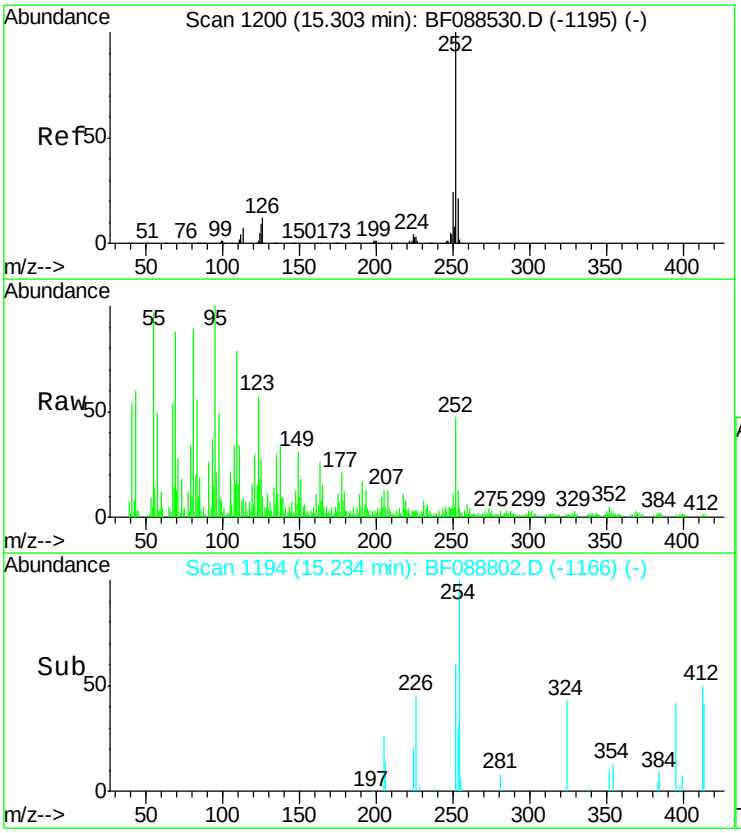
#88
Benzo(k)fluoranthene
Concen: 7.50 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:252 Resp: 51283

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	41.5	11.2	16.8#

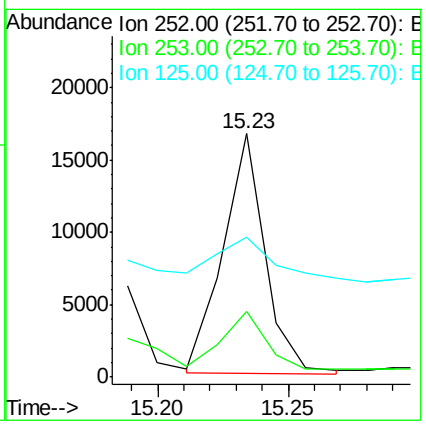


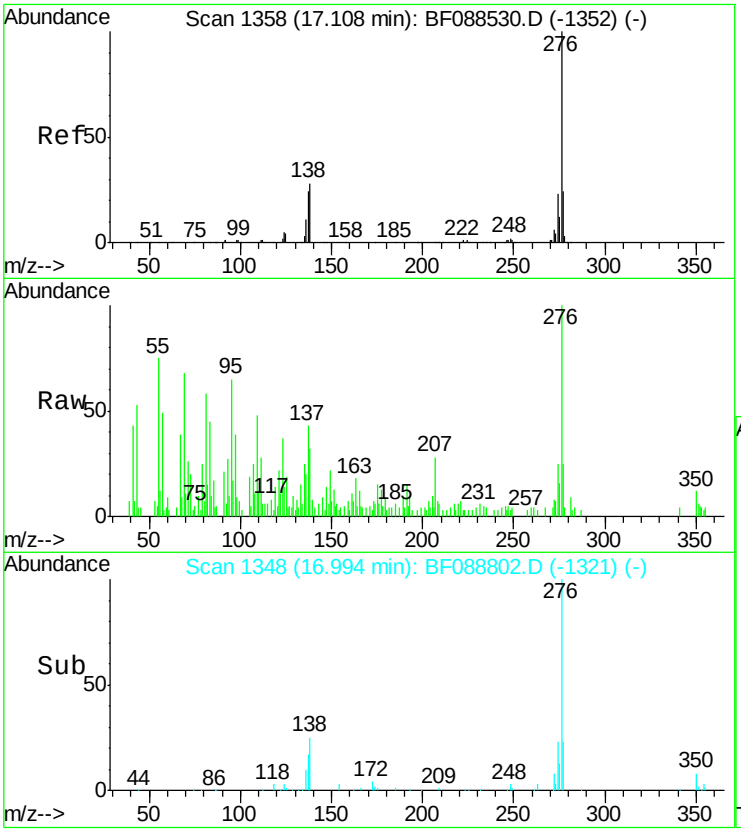


#89
Benzo(a)pyrene
Concen: 2.82 ng
RT: 15.23 min Scan# 1194
Delta R.T. 0.02 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Tgt Ion:252 Resp: 18728

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.9	26.9#
125	57.3	12.5	18.7#





#91
Benzo(g,h,i)perylene
Concen: 3.99 ng
RT: 16.99 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF088802.D
Acq: 8 Jul 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:276 Resp: 22911

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.9	28.3
138	31.7	21.4	32.2