Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
Data File : BF088728.D
Acq On : 6 Jul 2016 3:32
Operator : UM/SJ
Sample : H3881-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q6-B8-0-5-C

Quant Time: Jul 06 06:38:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 06 01:47:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	101130	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	363767	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	159276	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	250921	20.00	ng		-0.01
75) Chrysene-d12	13.91	240	195738	20.00	ng		-0.01
86) Perylene-d12	15.30	264	177571	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	574442	85.13	ng		0.00
7) Phenol-d6	6.41	99	693889	79.58	ng		0.00
23) Nitrobenzene-d5	7.34	82	436452	62.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	135095	91.34	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	769773	76.34	ng		0.00
78) Terphenyl-d14	12.87	244	485496	55.25	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	58263	9.95	ng	#	73
25) Isophorone	7.34	82	367402	28.57	ng	#	65
49) Dimethylphthalate	9.53	163	151628	13.36	ng		99
56) 2,4-Dinitrotoluene	9.80	165	20478	6.23	ng	#	38
66) 4-Bromophenyl-phenylether	10.59	248	10013	3.96	ng	#	1
70) Phenanthrene	11.30	178	89349	6.51	ng		98
74) Fluoranthene	12.49	202	167018	12.01	ng		95
77) Pyrene	12.72	202	129186	7.78	ng		97
80) Benzo(a)anthracene	13.90	228	83074	6.59	ng		99
82) Chrysene	13.93	228	56881	4.56	ng		95
85) Indeno(1,2,3-cd)pyrene	16.62	276	30871	3.22	ng	#	100
87) Benzo(b)fluoranthene	14.91	252	119737	10.75	ng	#	95
88) Benzo(k)fluoranthene	14.91	252	119737	12.35	ng		99
89) Benzo(a)pyrene	15.23	252	51066	5.41	ng		96
91) Benzo(g,h,i)perylene	17.02	276	31017	3.81	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
Data File : BF088728.D
Acq On : 6 Jul 2016 3:32
Operator : UM/SJ
Sample : H3881-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Quant Time: Jul 06 06:38:11 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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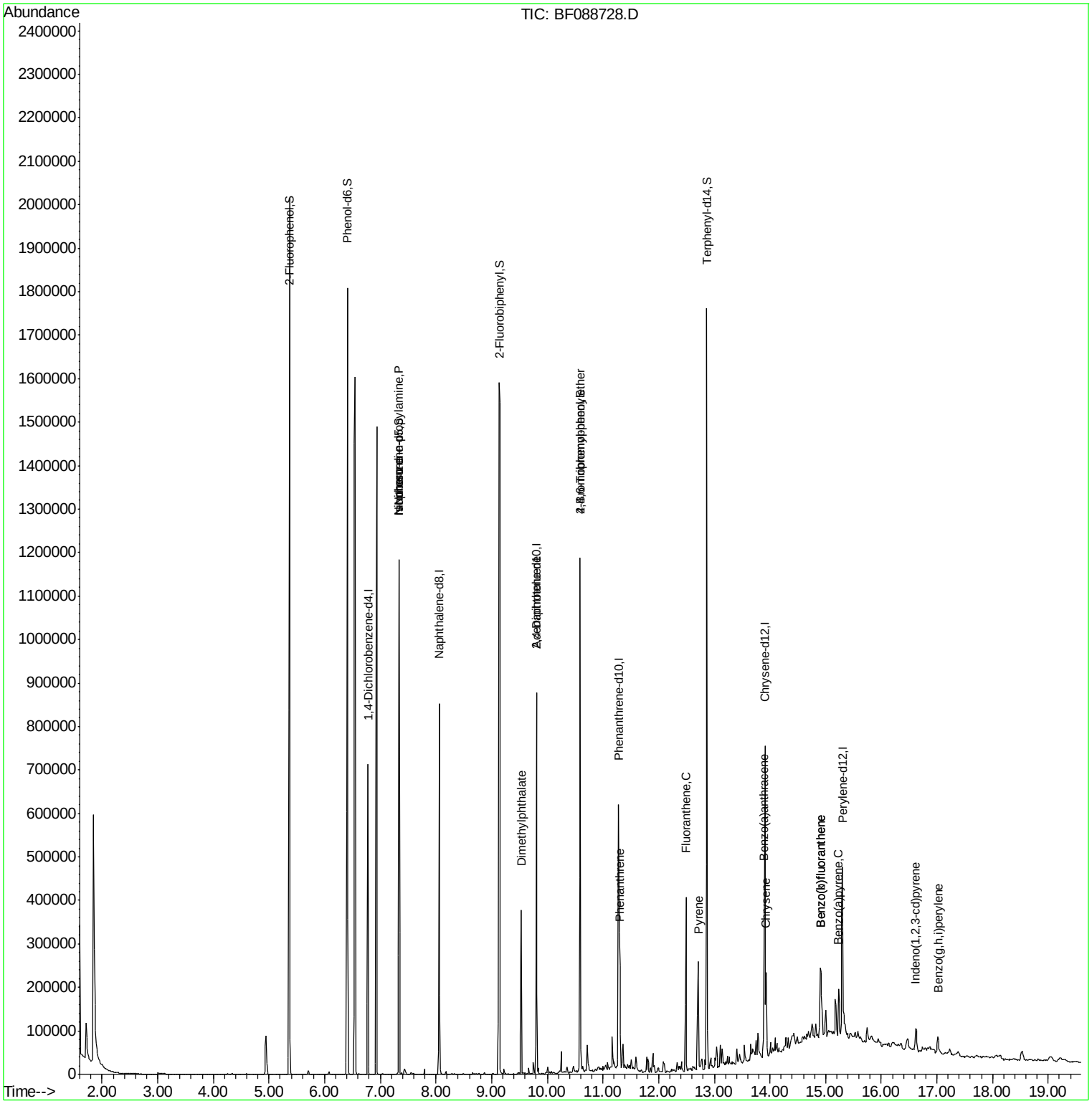
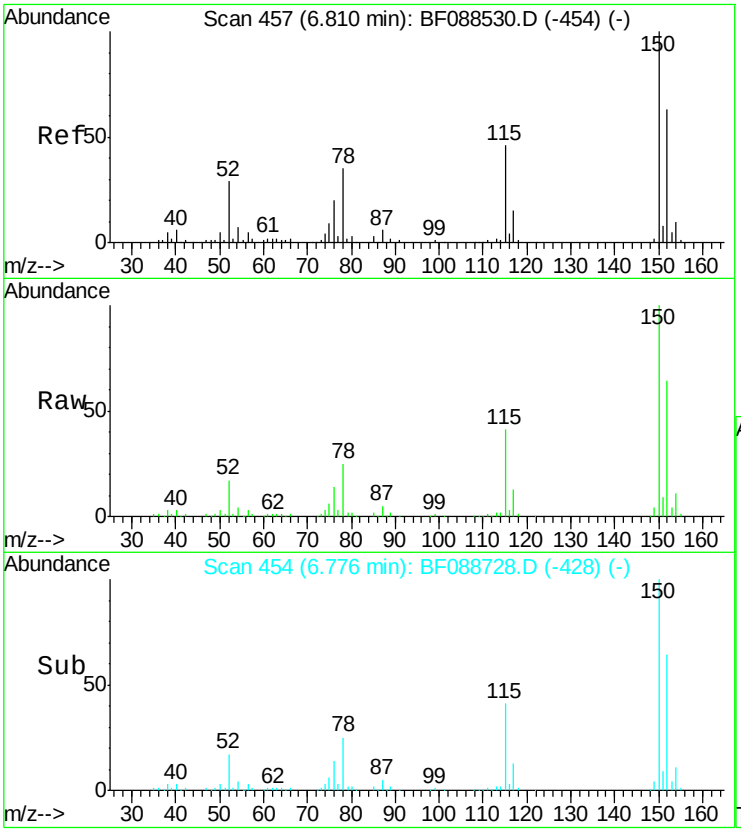


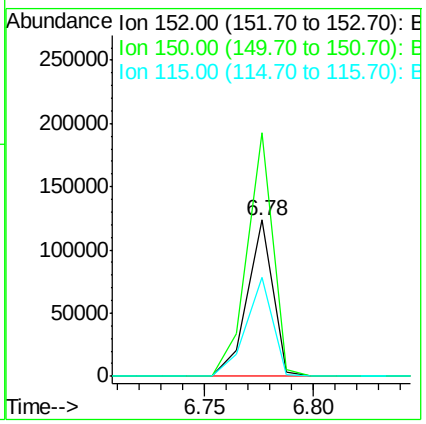


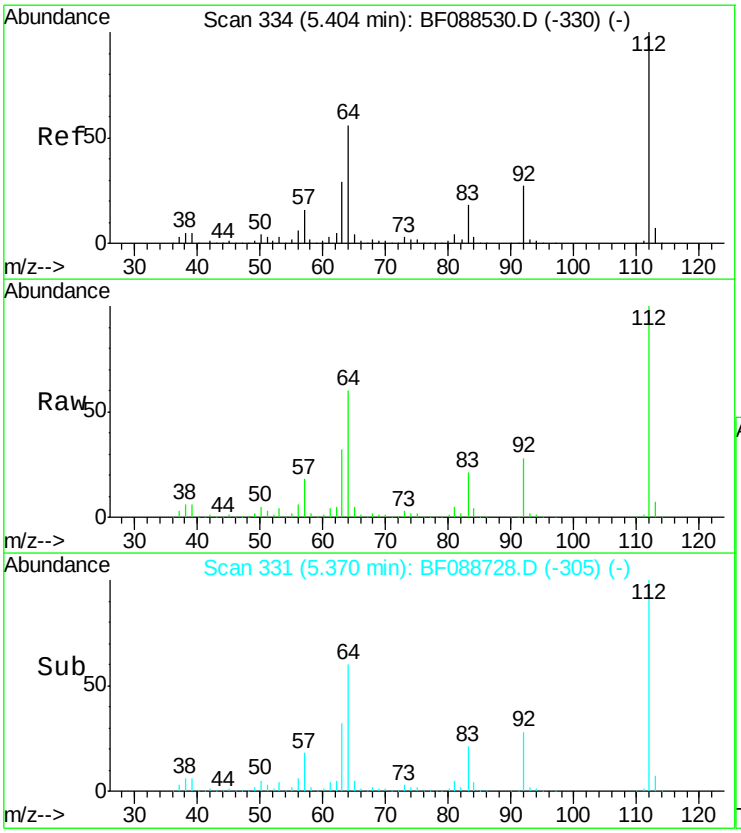
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion:152 Resp: 101130

Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.8	185.6
115	63.5	39.6	59.4#

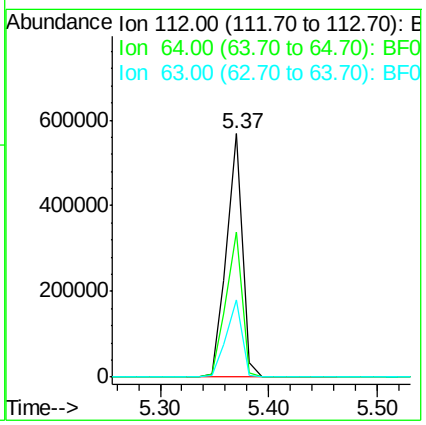


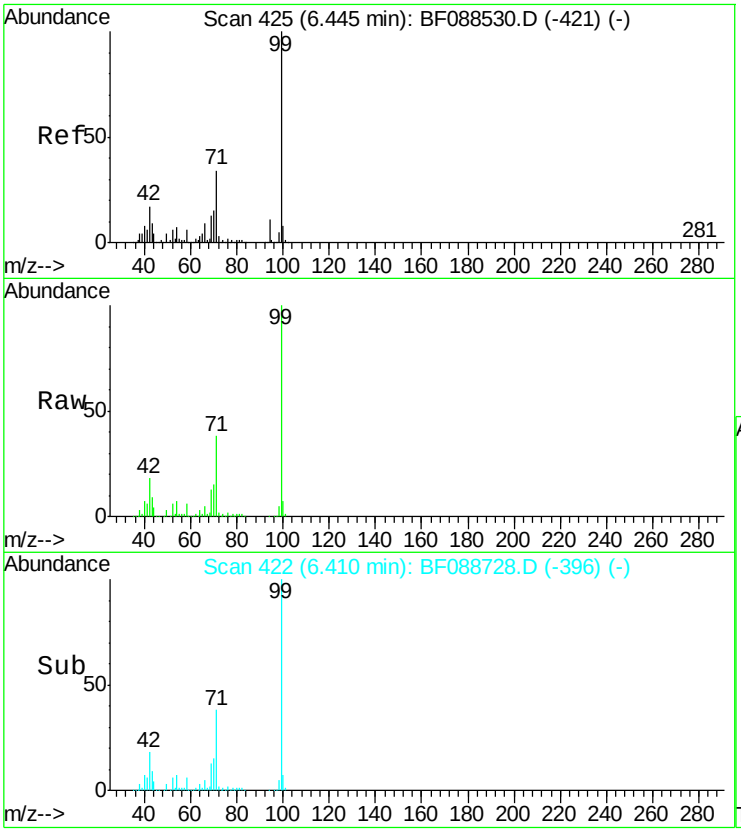


#5
2-Fluorophenol
Concen: 85.13 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.00 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion:112 Resp: 574442

Ion	Ratio	Lower	Upper
112	100		
64	59.8	42.2	63.2
63	31.7	21.8	32.8



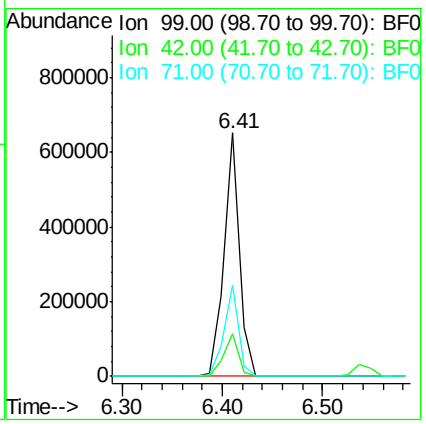


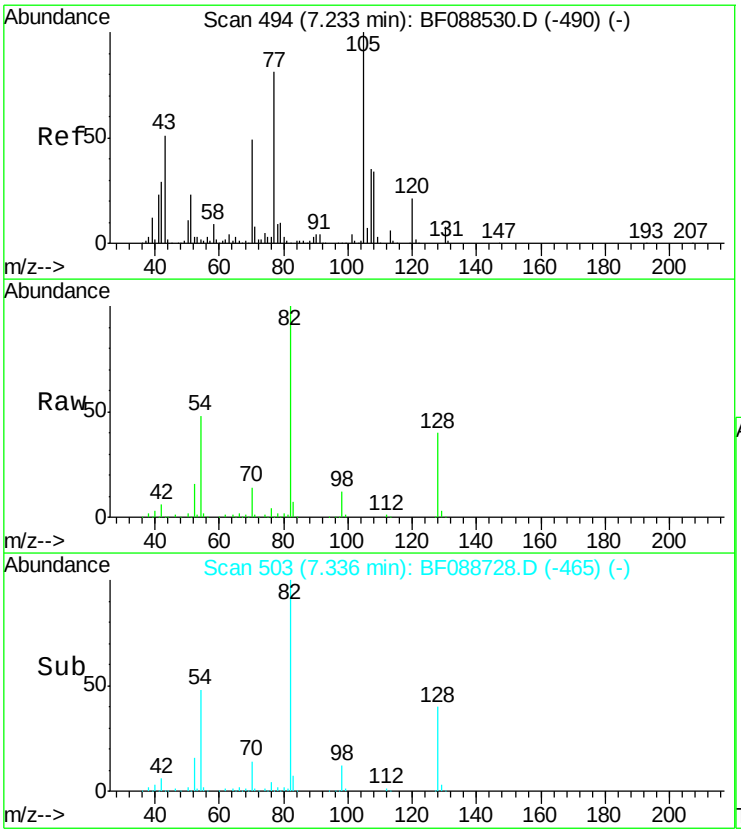
#7
Phenol-d6
Concen: 79.58 ng
RT: 6.41 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion: 99 Resp: 693889

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.2	18.2
71	37.5	23.4	35.0#

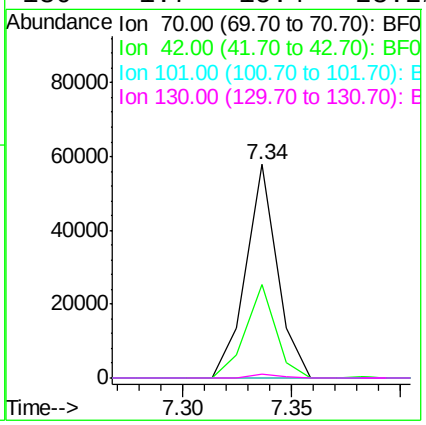


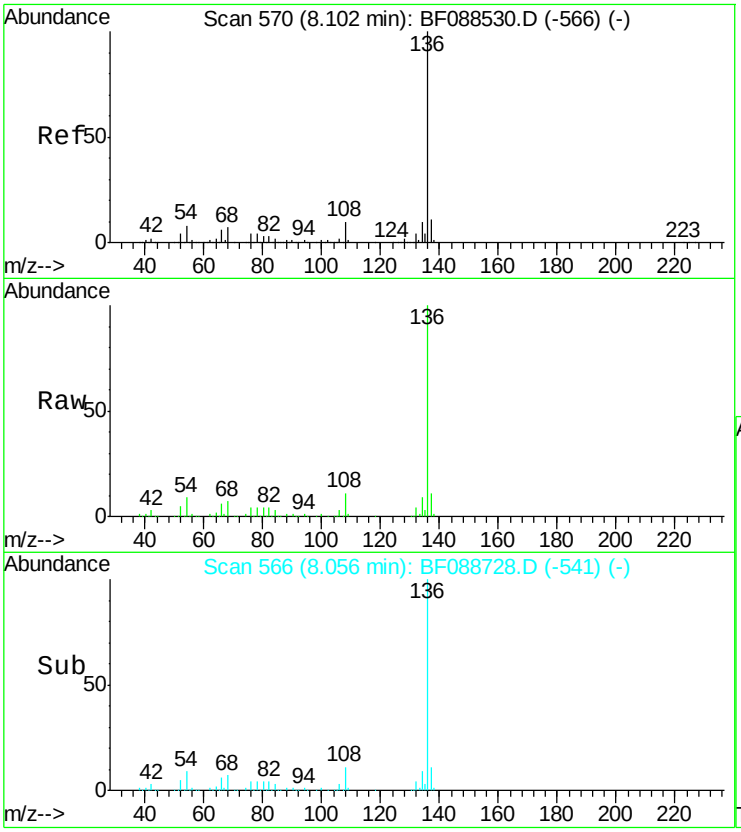


#19
n-Nitroso-di-n-propylamine
Concen: 9.95 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.14 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion: 70 Resp: 58263

Ion	Ratio	Lower	Upper
70	100		
42	44.0	49.6	74.4#
101	0.0	7.1	10.7#
130	1.7	15.4	23.2#



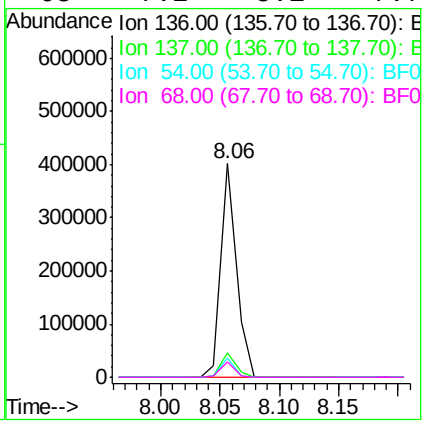


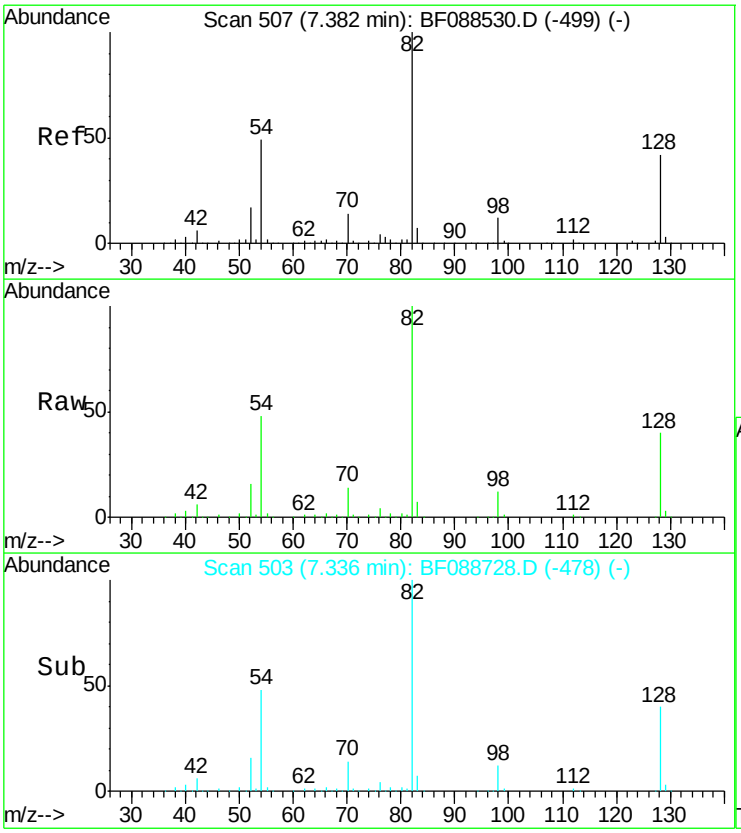
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion:136 Resp: 363767

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.9	6.6	10.0
68	7.2	5.1	7.7

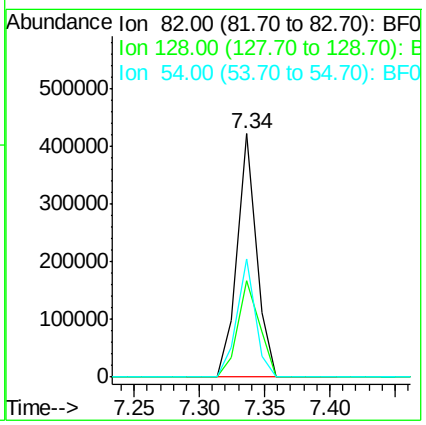


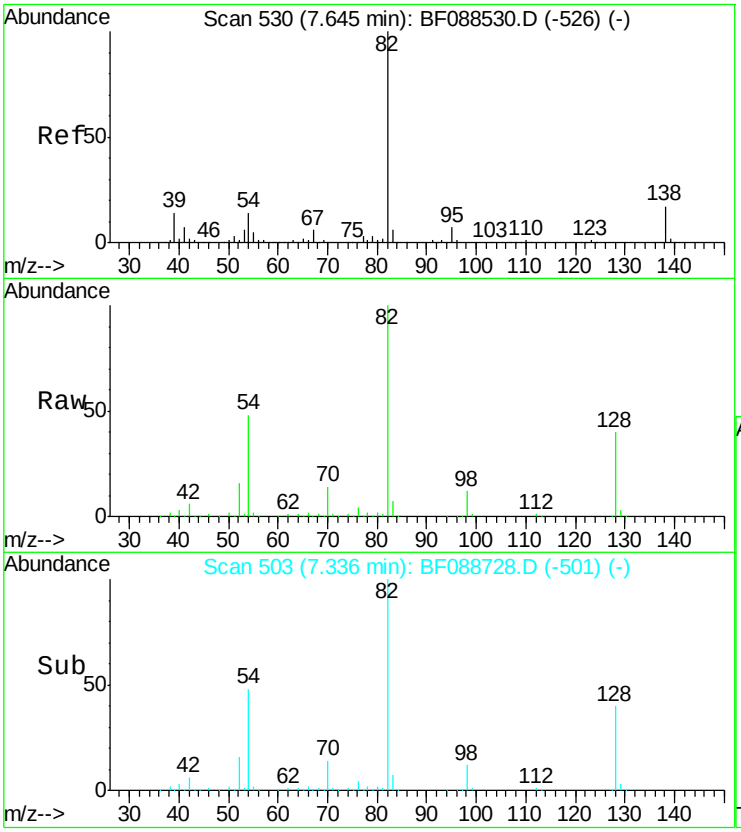


#23
Nitrobenzene-d5
Concen: 62.88 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion: 82 Resp: 436452

Ion	Ratio	Lower	Upper
82	100		
128	39.5	35.9	53.9
54	48.4	40.9	61.3



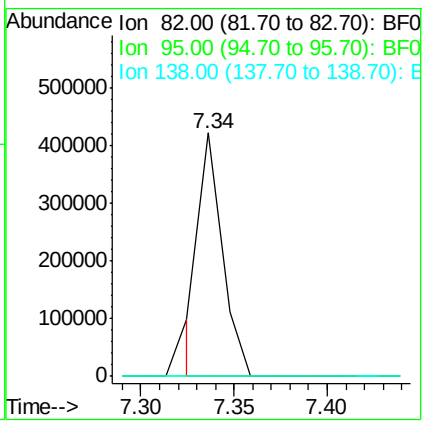


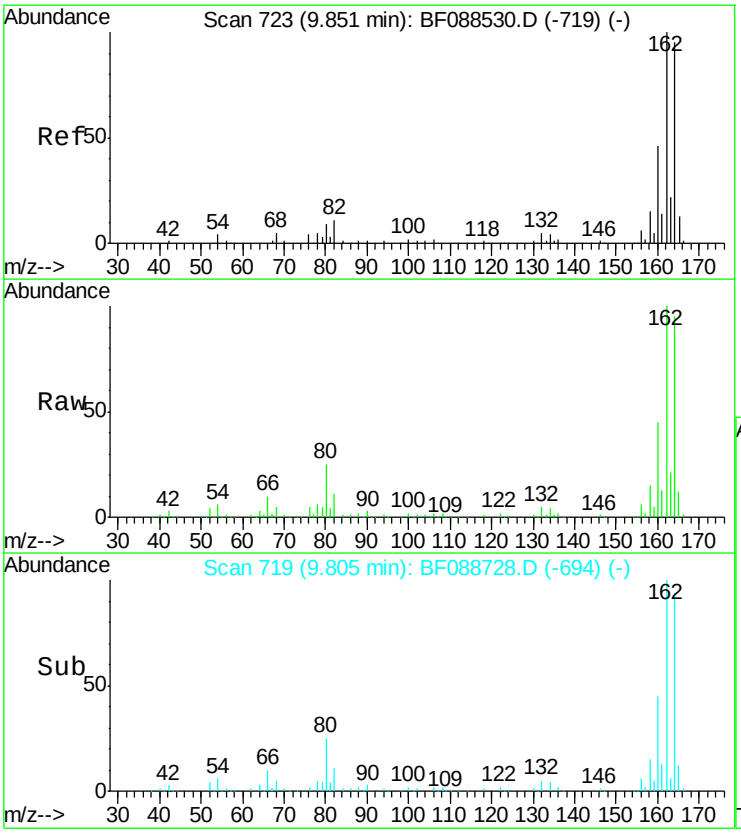
#25
Isophorone
Concen: 28.57 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.27 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion: 82 Resp: 367402

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

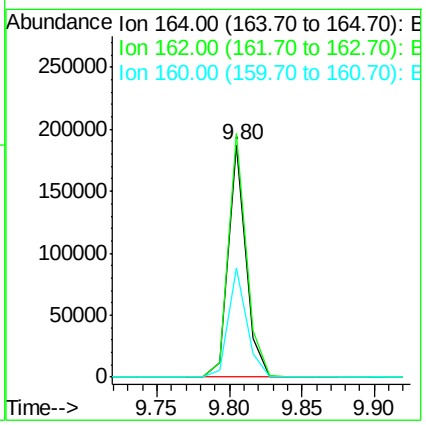


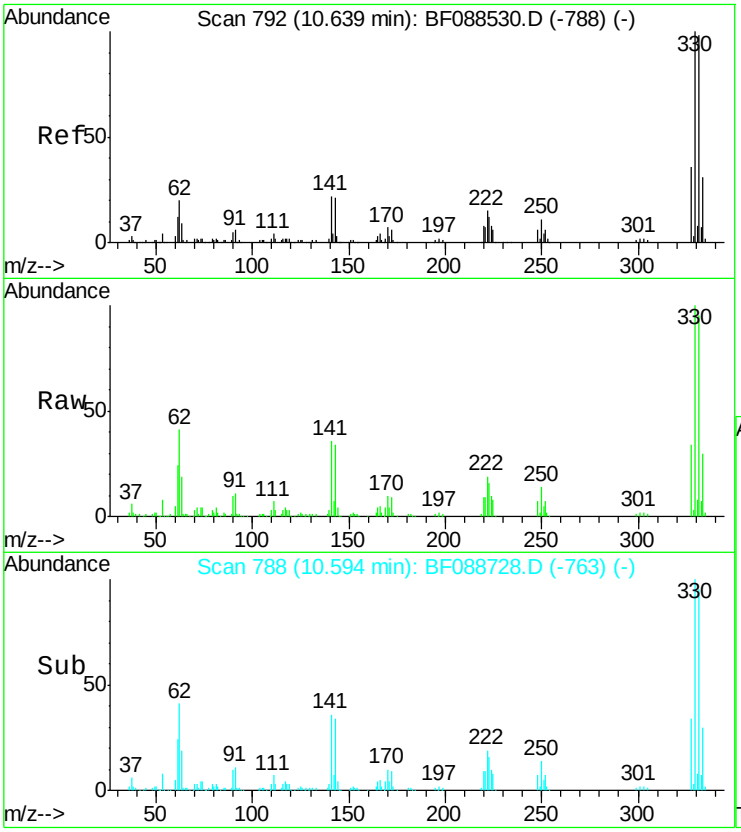


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion:164 Resp: 159276

Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.4	128.2
160	46.8	39.5	59.3



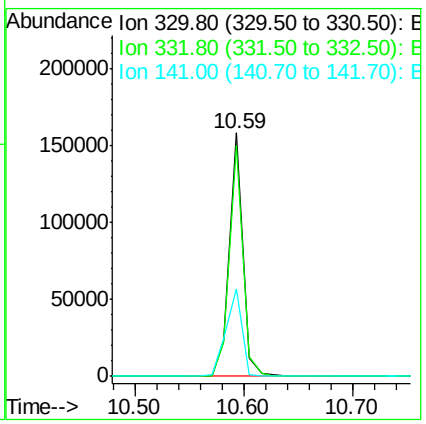


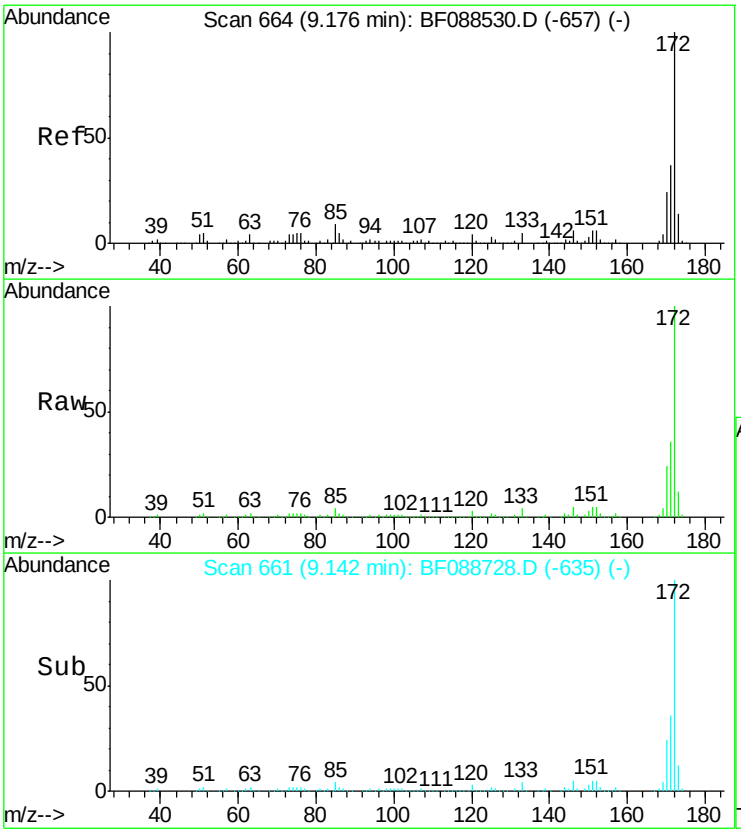
#41
2,4,6-Tribromophenol
Concen: 91.34 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion:330 Resp: 135095

Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	42.8	0.0	0.0#

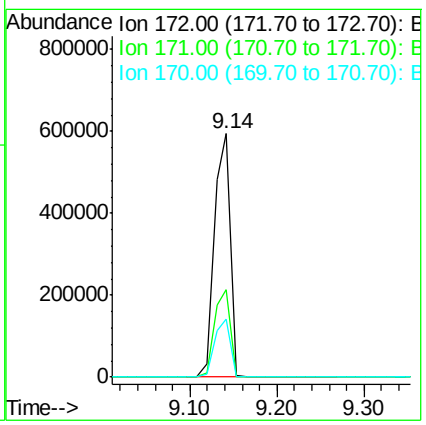


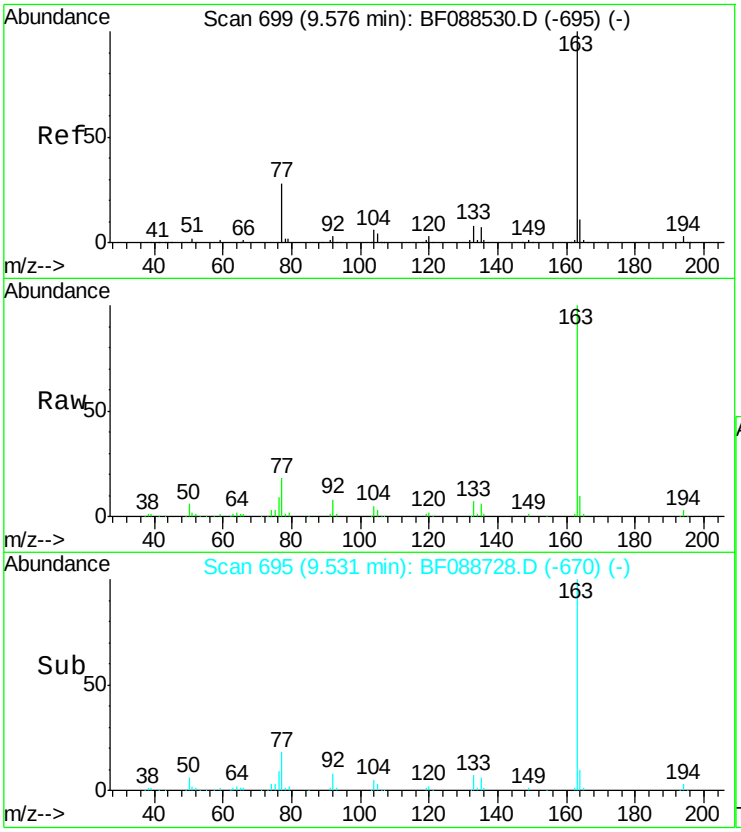


#44
2-Fluorobiphenyl
Concen: 76.34 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion:172 Resp: 769773

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.9	19.2	28.8



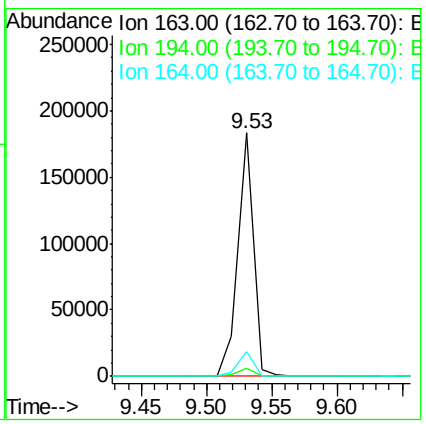


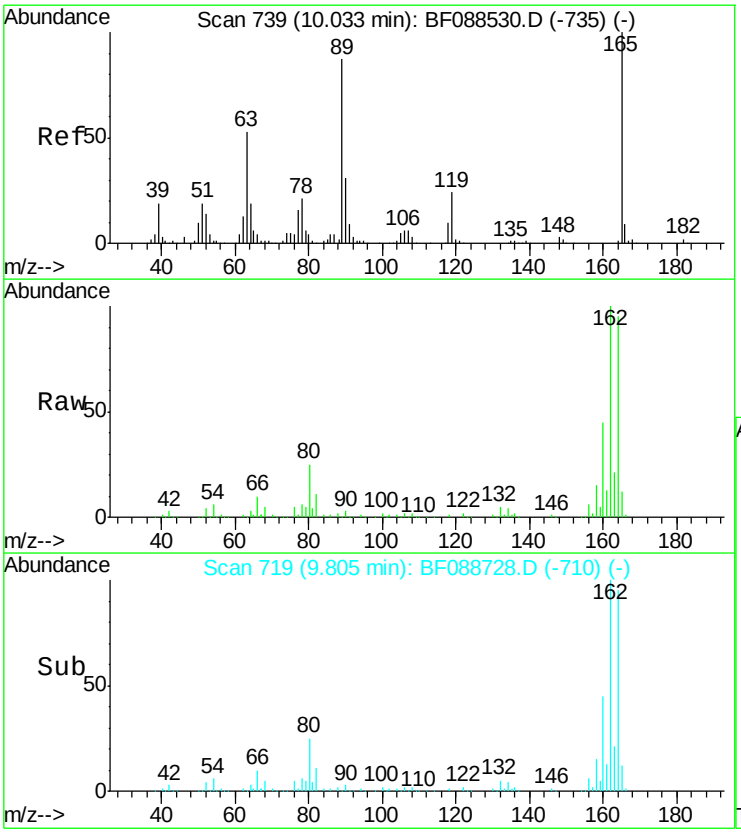
#49
Dimethylphthalate
Concen: 13.36 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion:163 Resp: 151628

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.9	8.3	12.5

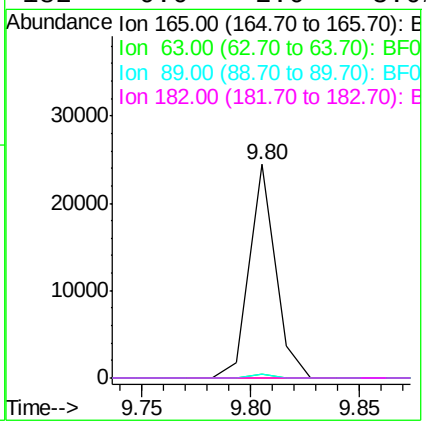


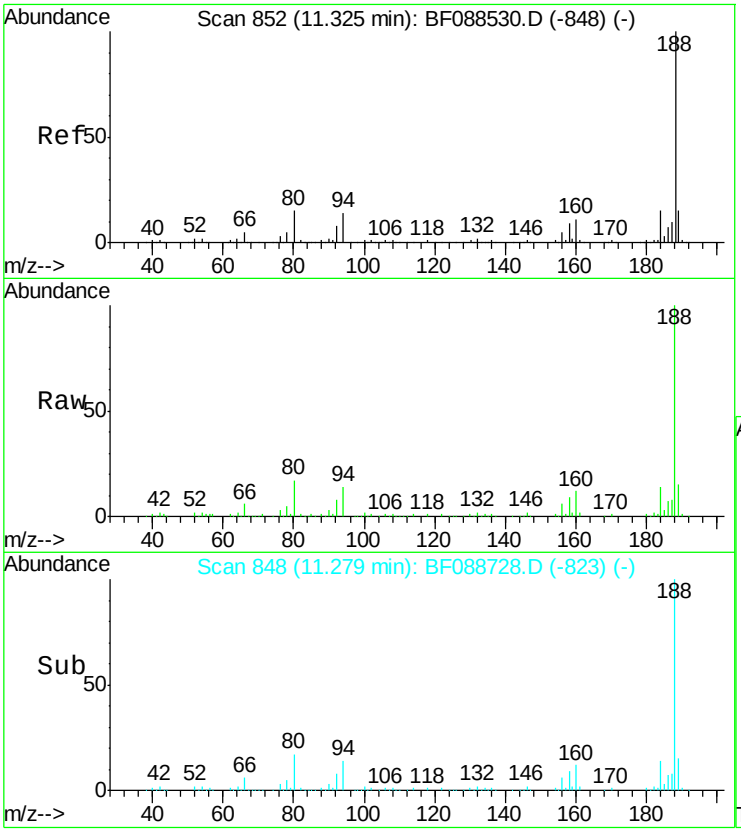


#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.19 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion:165 Resp: 20478

Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#



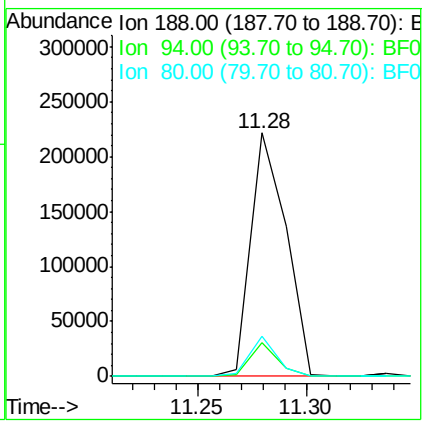


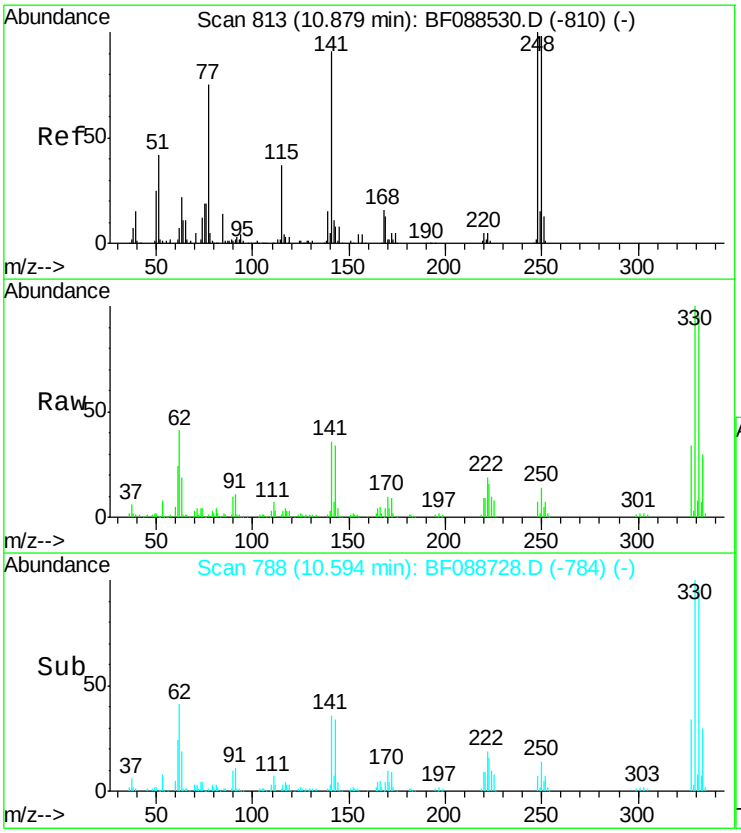
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion:188 Resp: 250921

Ion	Ratio	Lower	Upper
188	100		
94	13.6	9.0	13.6#
80	16.6	10.0	15.0#

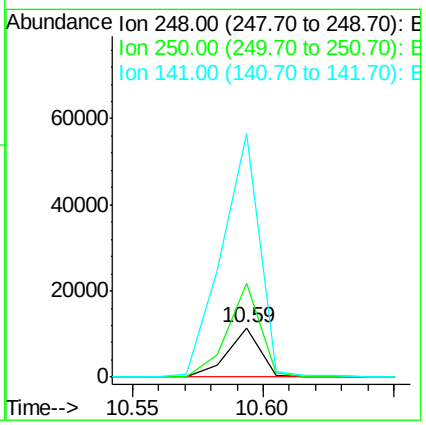


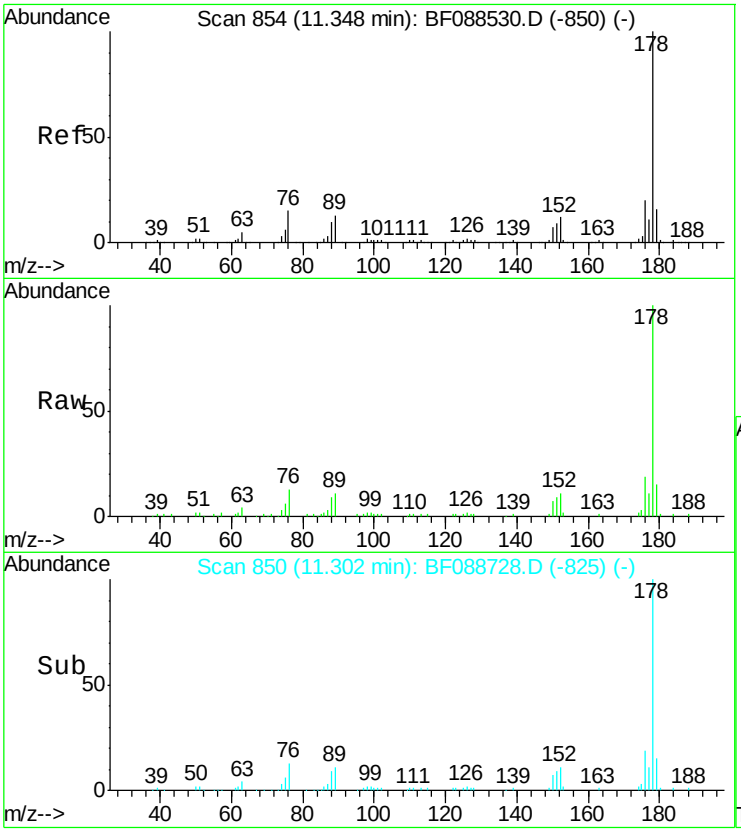


#66
4-Bromophenyl-phenylether
Concen: 3.96 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.25 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion:248 Resp: 10013

Ion	Ratio	Lower	Upper
248	100		
250	190.2	77.1	115.7#
141	490.7	50.6	76.0#



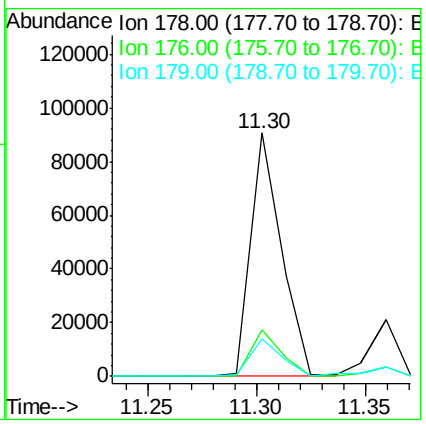


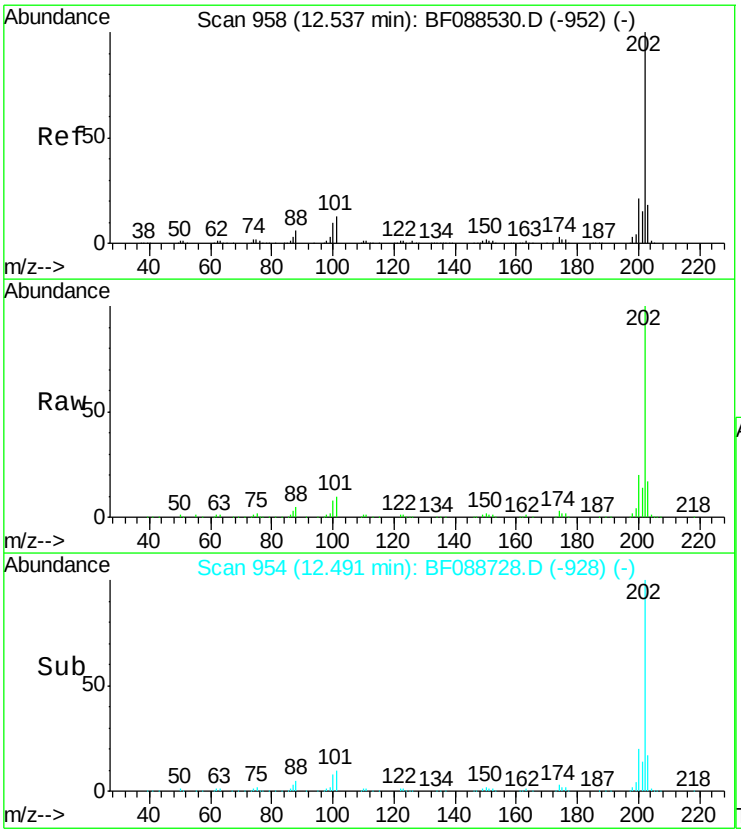
#70
Phenanthrene
Concen: 6.51 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion:178 Resp: 89349

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.2	13.0	19.4

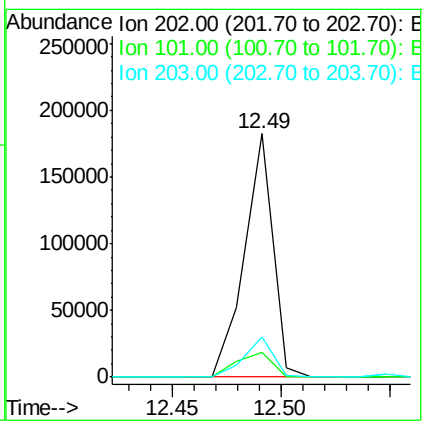


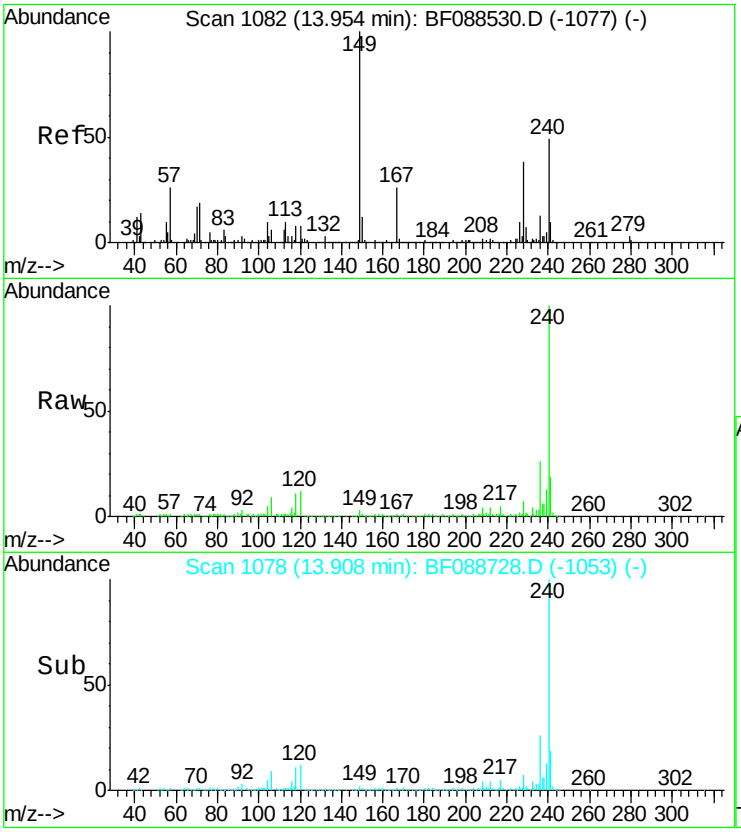


#74
Fluoranthene
Concen: 12.01 ng
RT: 12.49 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion:202 Resp: 167018

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	33.1
203	16.7	0.0	38.1



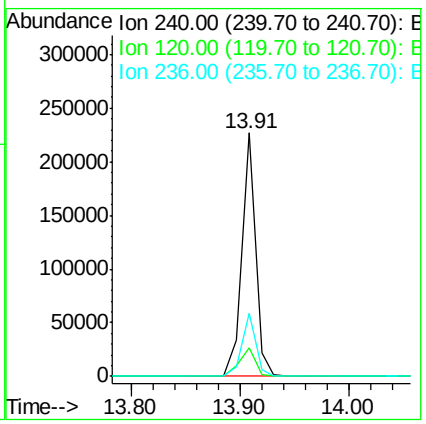


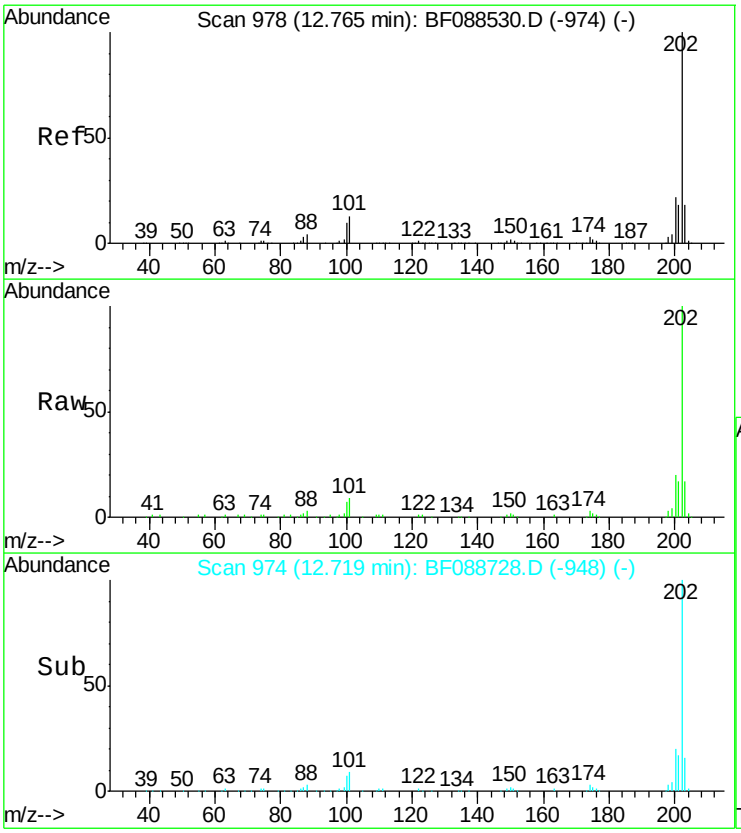
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion:240 Resp: 195738

Ion	Ratio	Lower	Upper
240	100		
120	12.0	6.8	10.2#
236	25.8	20.2	30.2

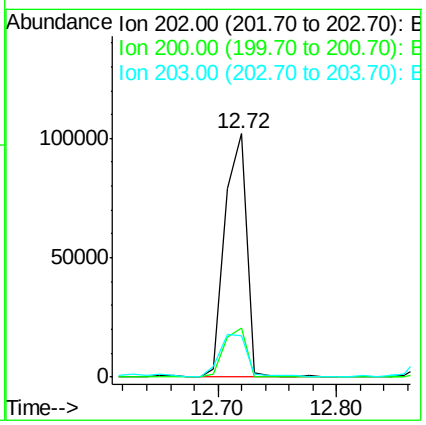


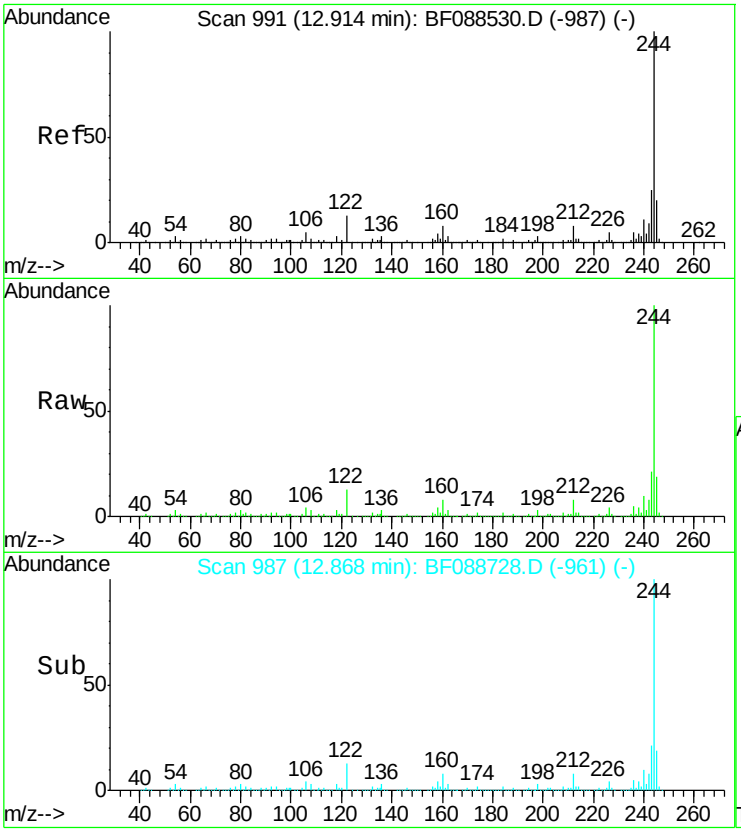


#77
Pyrene
Concen: 7.78 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion:202 Resp: 129186

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.0	14.5	21.7



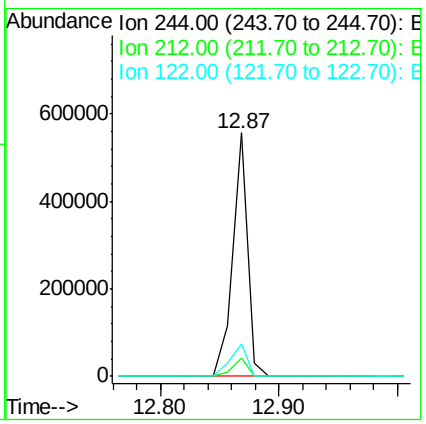


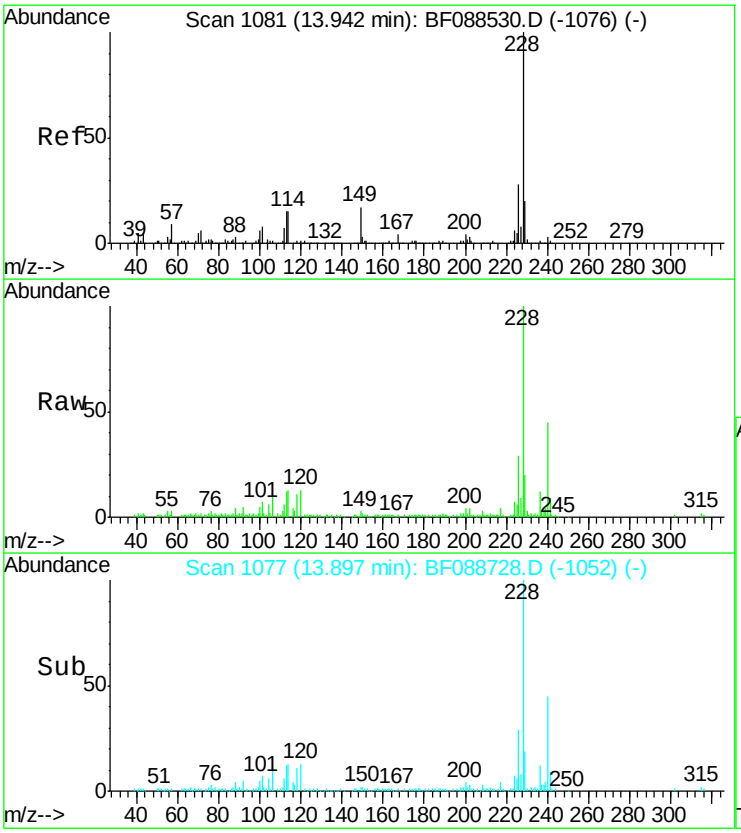
#78
Terphenyl-d14
Concen: 55.25 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion:244 Resp: 485496

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.1	11.2	16.8

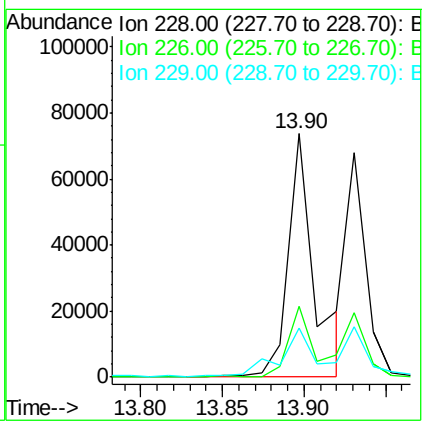


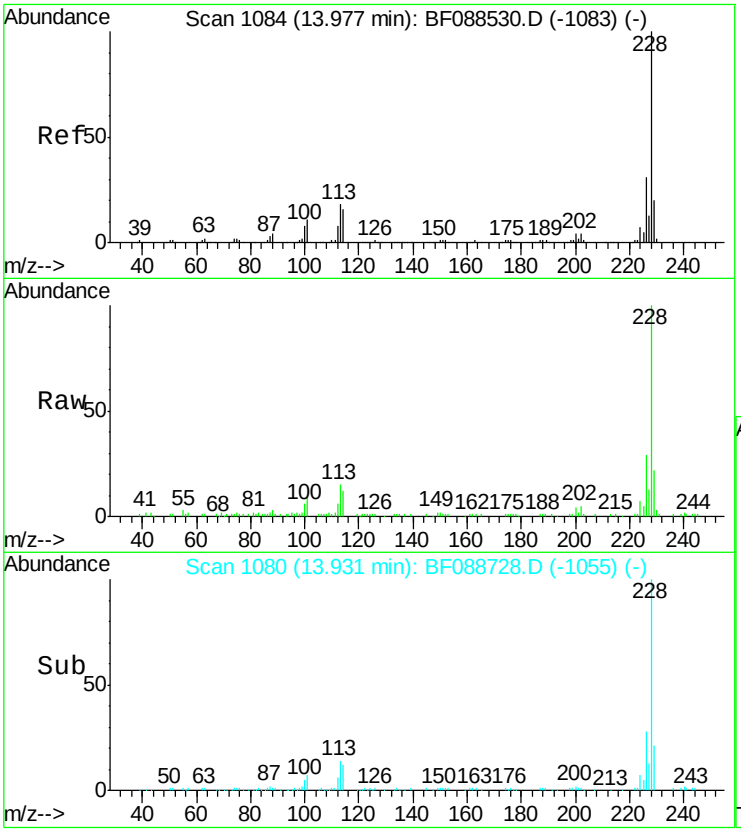


#80
Benzo(a)anthracene
Concen: 6.59 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion:228 Resp: 83074

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.3	33.5
229	19.9	16.0	24.0



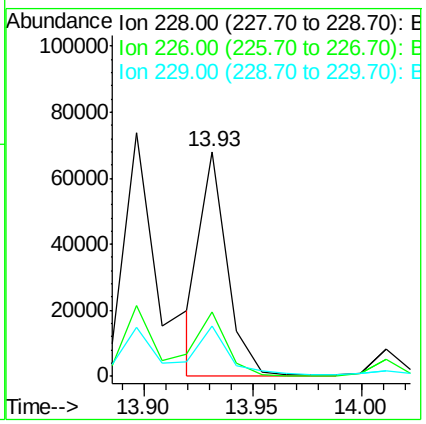


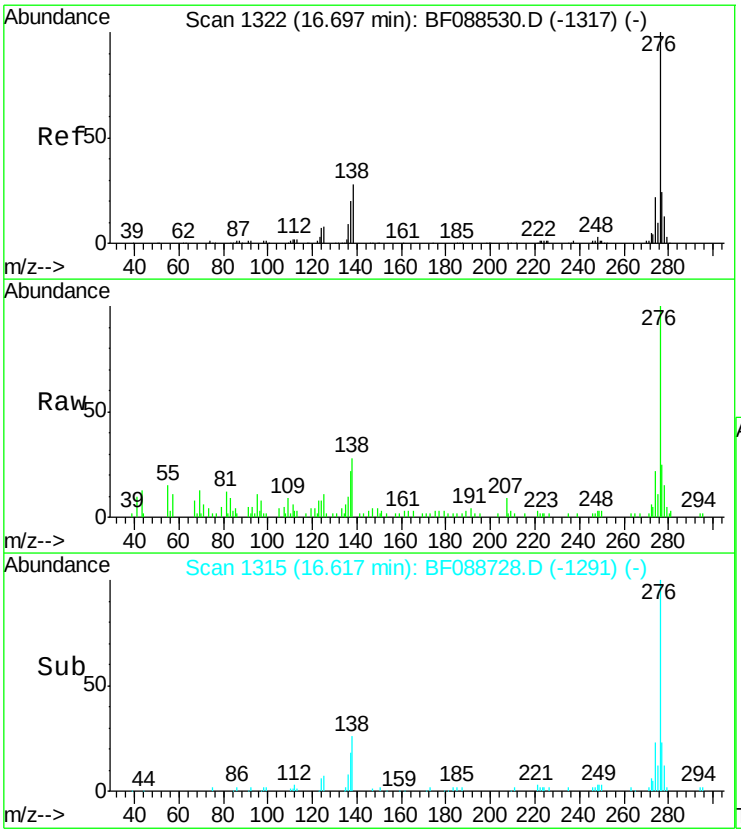
#82
Chrysene
Concen: 4.56 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion:228 Resp: 56881

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.4	38.2
229	22.1	16.3	24.5

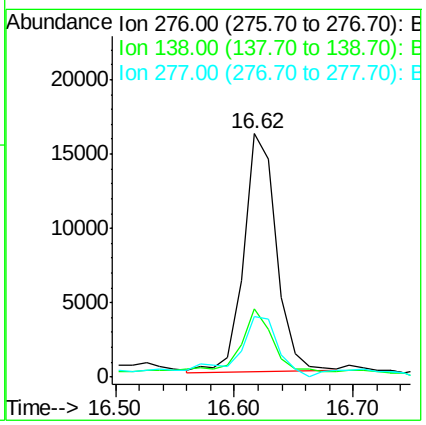


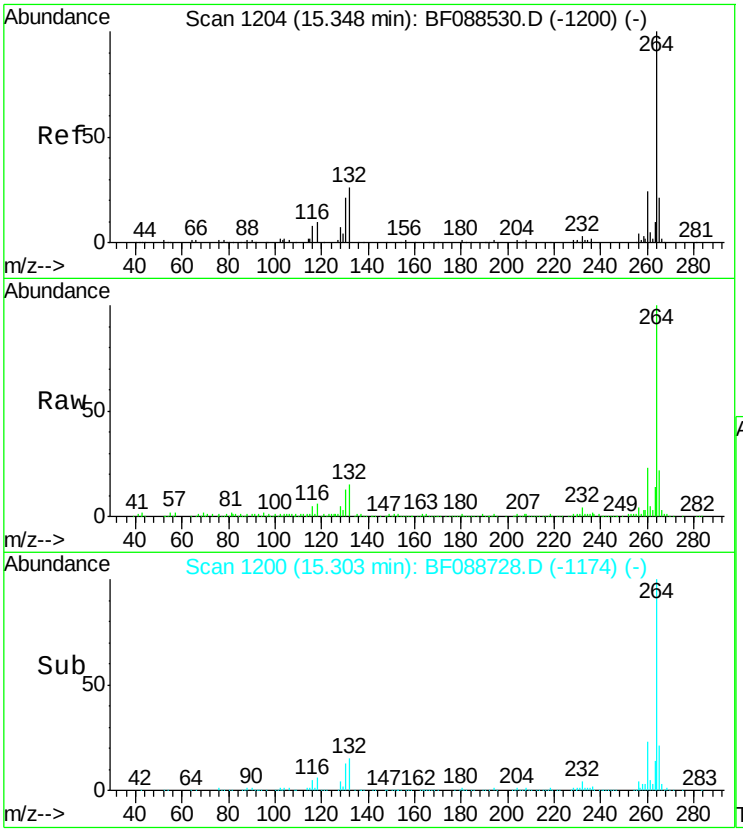


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.22 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion:276 Resp: 30871

Ion	Ratio	Lower	Upper
276	100		
138	27.6	0.0	0.0#
277	32.4	0.0	0.0#



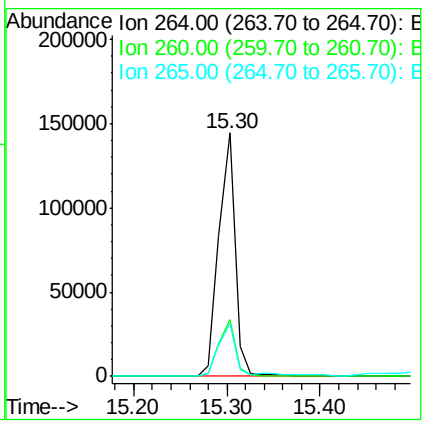


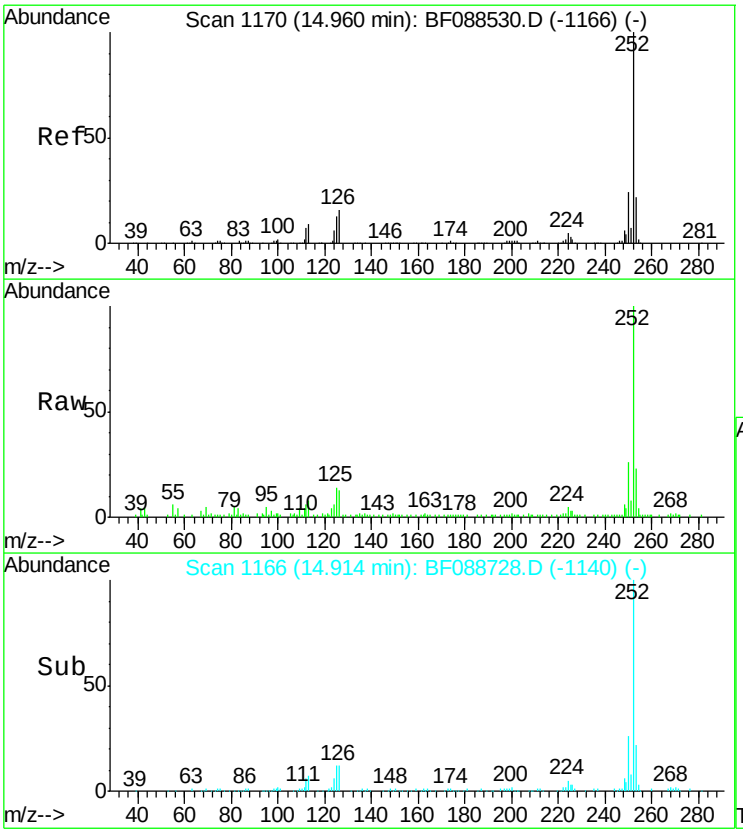
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion:264 Resp: 177571

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	16.9	25.3

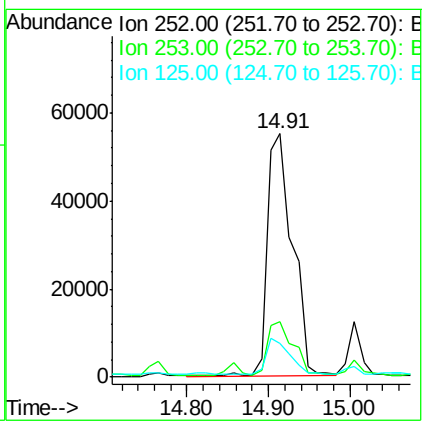


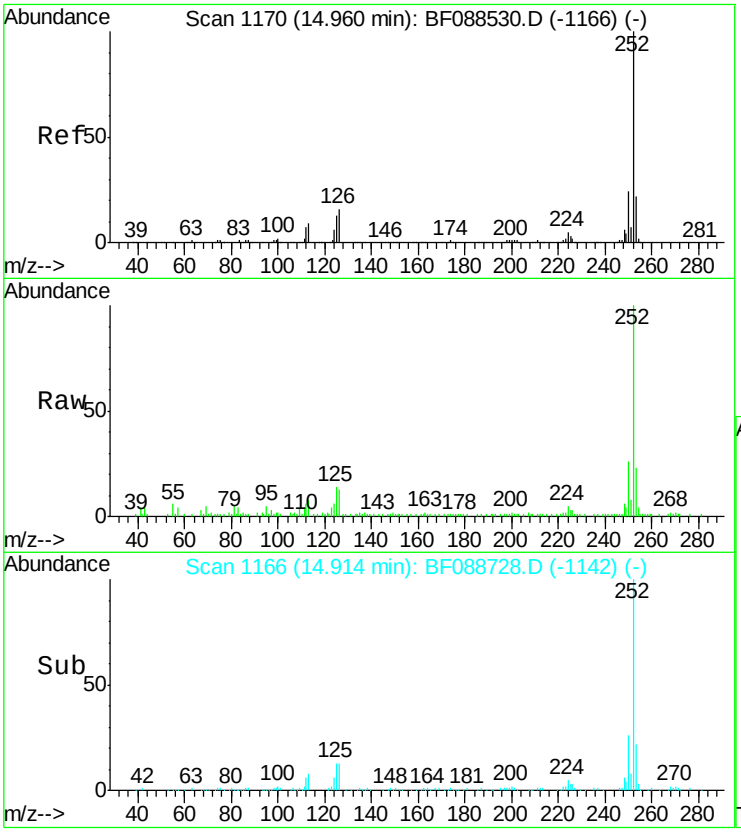


#87
Benzo(b)fluoranthene
Concen: 10.75 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion:252 Resp: 119737

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	13.6	7.1	10.7#



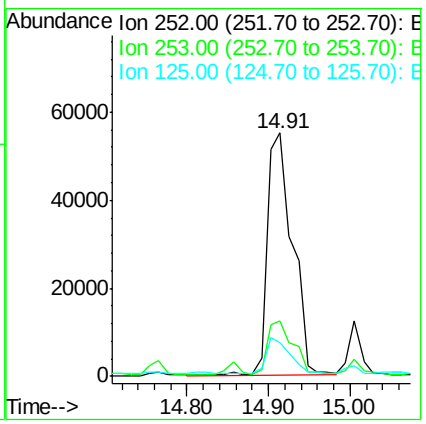


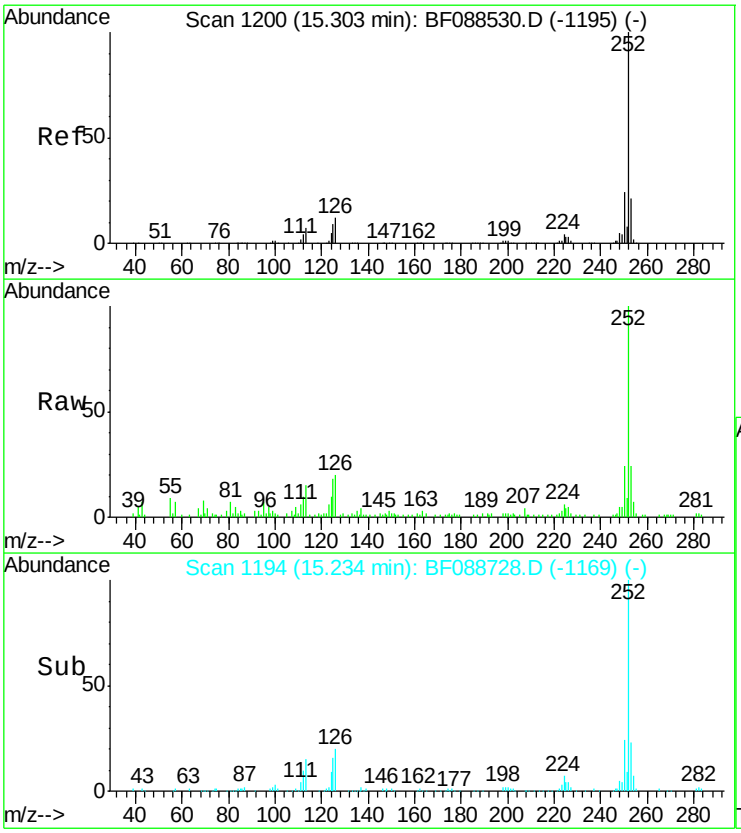
#88
Benzo(k)fluoranthene
Concen: 12.35 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion:252 Resp: 119737

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.6	11.2	16.8

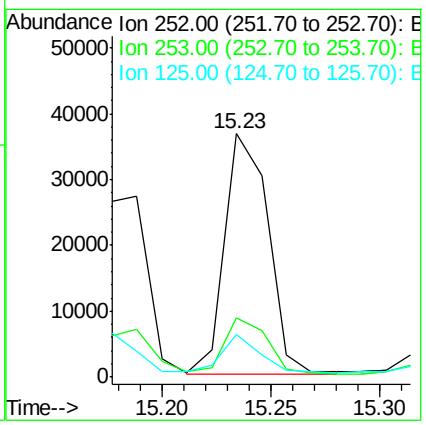


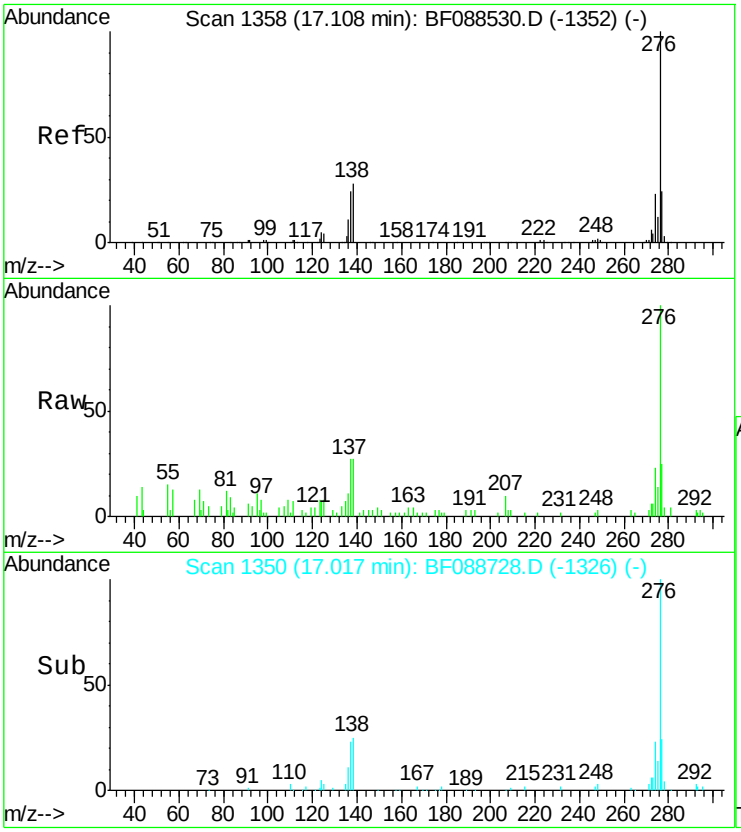


#89
Benzo(a)pyrene
Concen: 5.41 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Tgt Ion:252 Resp: 51066

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	17.5	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 3.81 ng
RT: 17.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF088728.D
Acq: 6 Jul 2016 3:32

Instrument :
BNA_F
ClientSampleId :
Q6-B8-0-5-C

Tgt Ion:276 Resp: 31017

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.9	28.3
138	26.9	21.4	32.2