Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087817.D
Acq On : 8 Jun 2016 18:50
Operator : UM/SJ
Sample : H3378-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18

Quant Time: Jun 09 02:00:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	113151	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	481211	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	199477	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	303773	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	253748	20.00	ng		0.00
86) Perylene-d12	15.42	264	220802	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	326283	49.30	ng		-0.01
7) Phenol-d6	6.46	99	443269	55.26	ng		-0.02
23) Nitrobenzene-d5	7.38	82	217047	26.34	ng		-0.03
41) 2,4,6-Tribromophenol	10.66	330	79969	37.97	ng		-0.01
44) 2-Fluorobiphenyl	9.19	172	418552	29.34	ng		-0.02
78) Terphenyl-d14	12.94	244	264119	23.69	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.47	94	2642	Below Cal			97
19) n-Nitroso-di-n-propylamine	7.38	70	27656	5.39	ng	#	76
45) 1,1'-Biphenyl	9.29	154	772	Below Cal		#	43
49) Dimethylphthalate	9.59	163	45663	3.16	ng		99
50) 2,6-Dinitrotoluene	9.87	165	25277	7.64	ng	#	39
56) 2,4-Dinitrotoluene	9.87	165	25277	5.94	ng	#	37
57) Fluorene	10.41	166	7744	Below Cal			99
70) Phenanthrene	11.37	178	89156	5.59	ng		99
74) Fluoranthene	12.56	202	130574	7.76	ng		99
77) Pyrene	12.79	202	120053	6.38	ng		98
80) Benzo(a)anthracene	13.98	228	69846	4.83	ng		96
82) Chrysene	14.01	228	50156	3.69	ng		95
85) Indeno(1,2,3-cd)pyrene	16.80	276	26651	2.11	ng	#	100
87) Benzo(b)fluoranthene	15.01	252	95464	6.20	ng	#	93
88) Benzo(k)fluoranthene	15.01	252	95464	8.22	ng		98
89) Benzo(a)pyrene	15.35	252	45406	3.65	ng		97
91) Benzo(g,h,i)perylene	17.21	276	26475	2.23	ng		96

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

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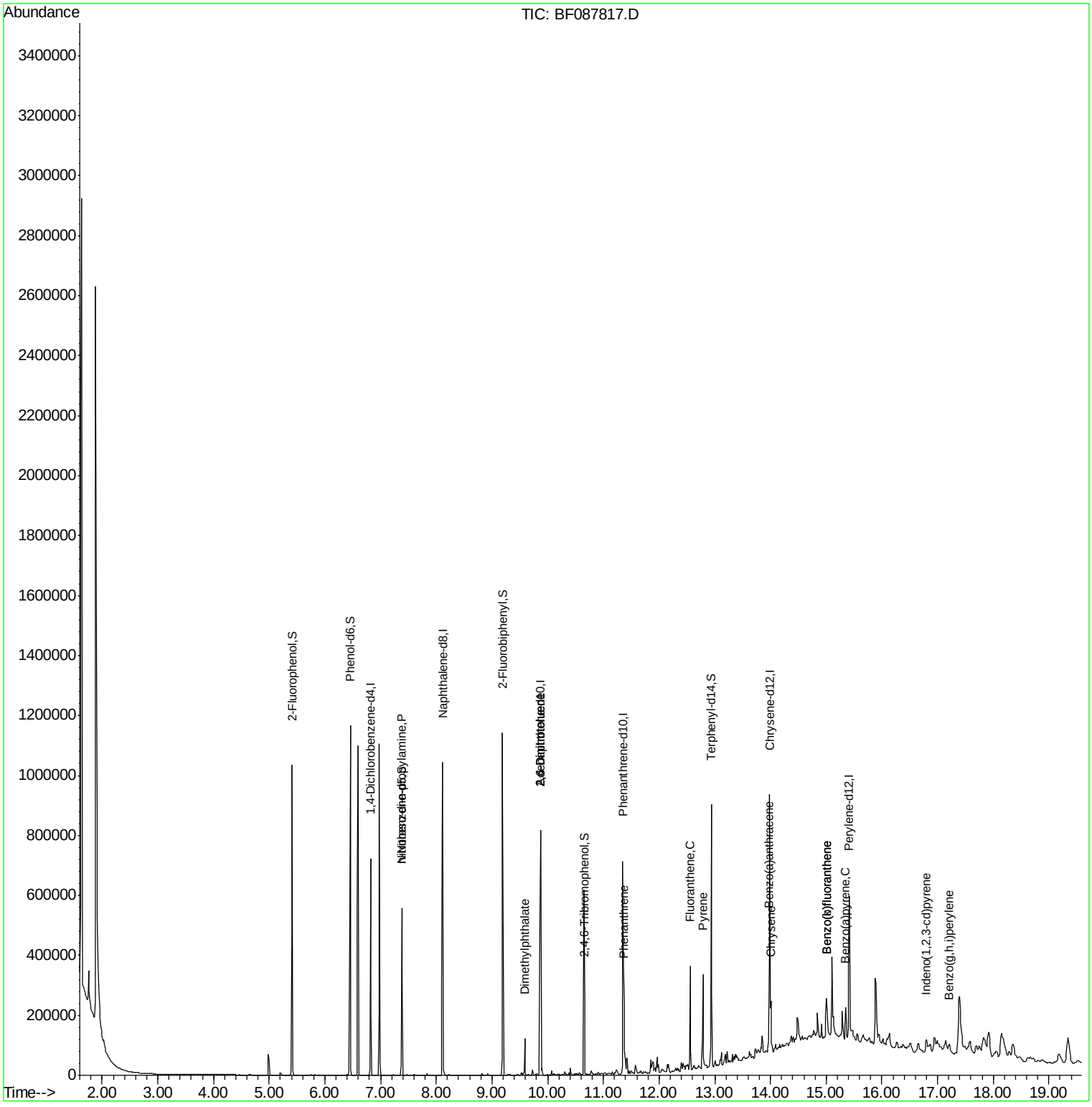
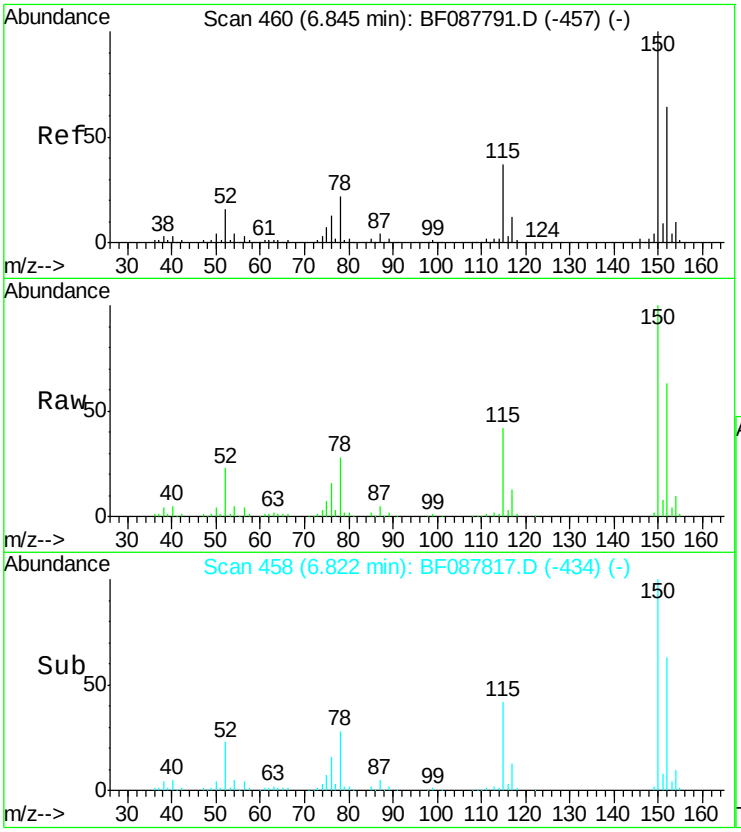


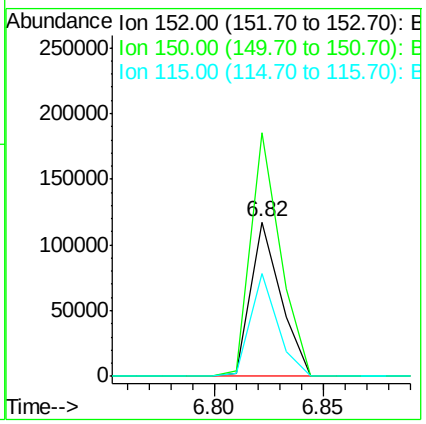


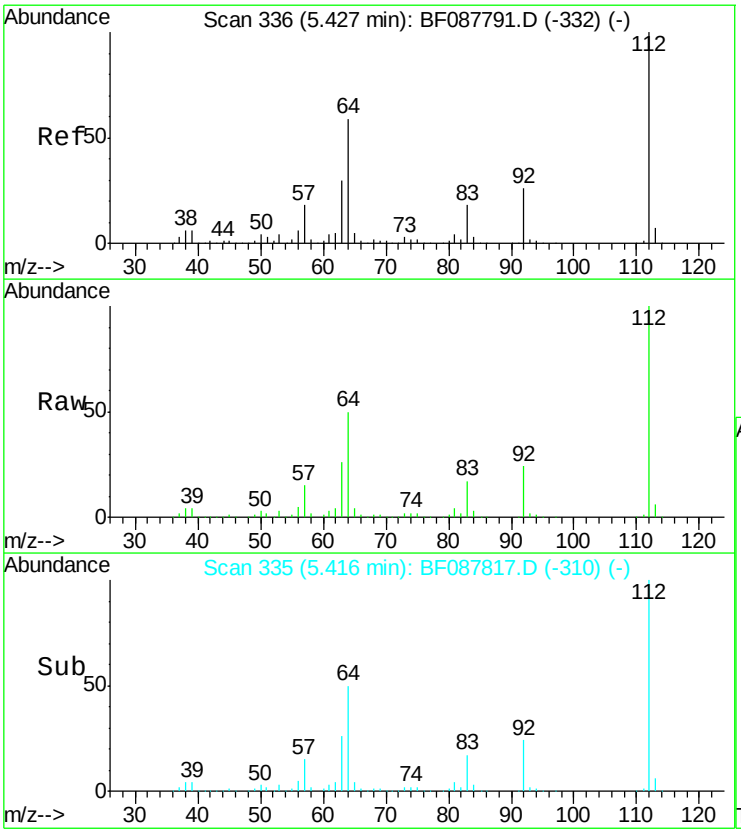
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion:152 Resp: 113151

Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.6
115	66.3	39.6	59.4#

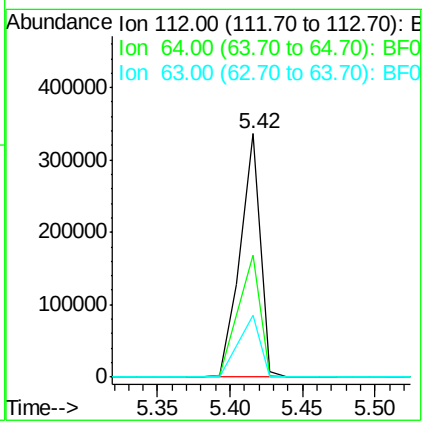


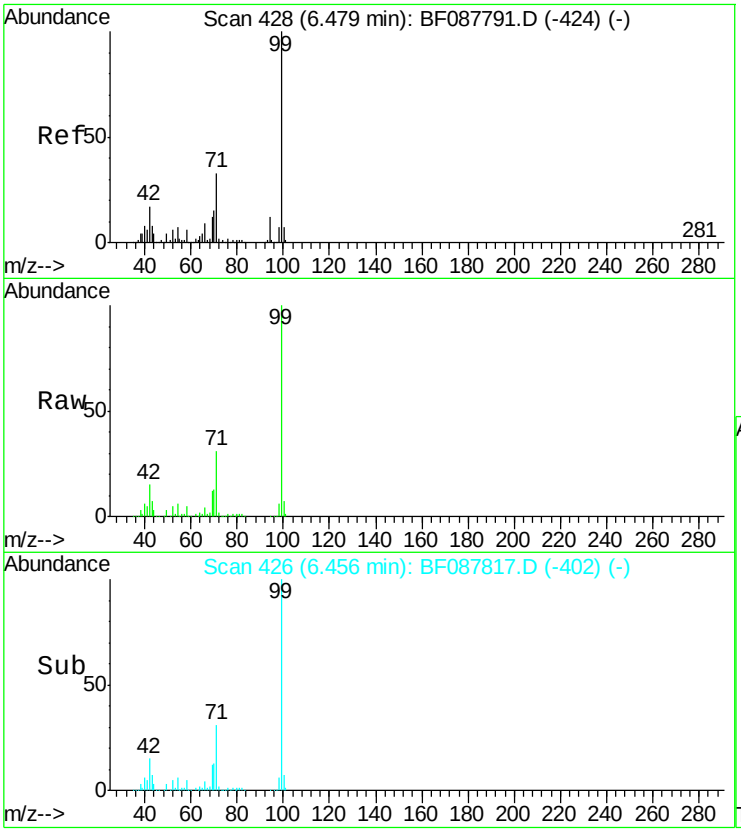


#5
2-Fluorophenol
Concen: 49.30 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:112 Resp: 326283

Ion	Ratio	Lower	Upper
112	100		
64	50.1	42.2	63.2
63	25.6	21.8	32.8



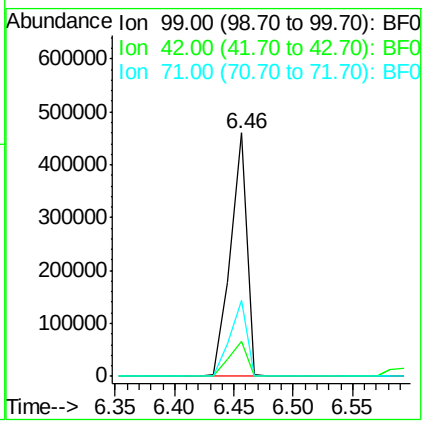


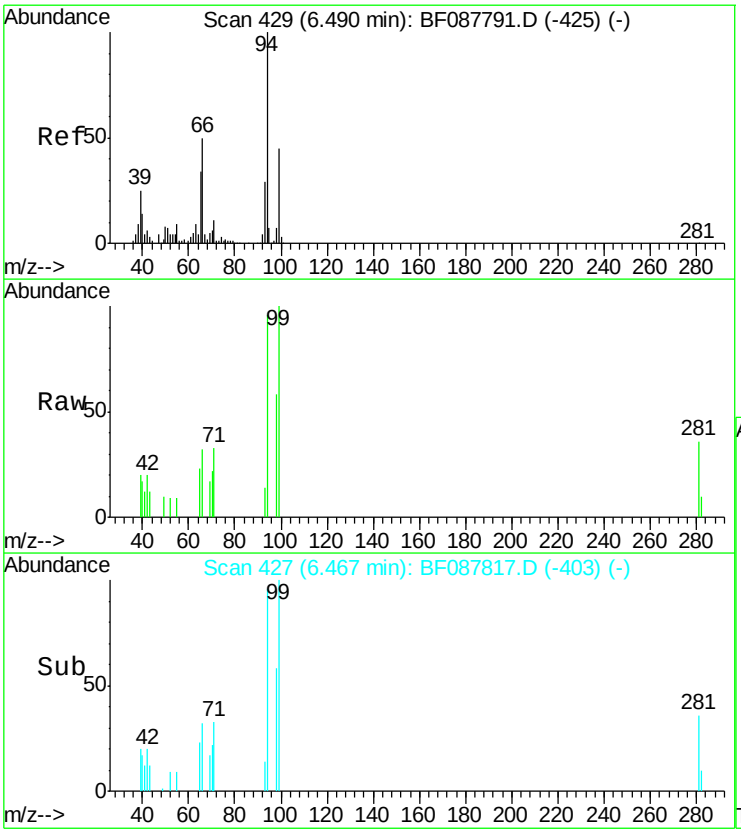
#7
Phenol-d6
Concen: 55.26 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion: 99 Resp: 443269

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.2	18.2
71	31.0	23.4	35.0

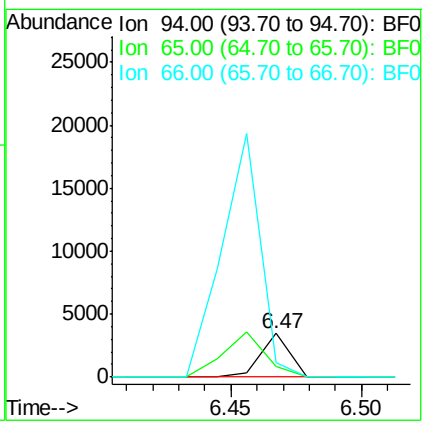


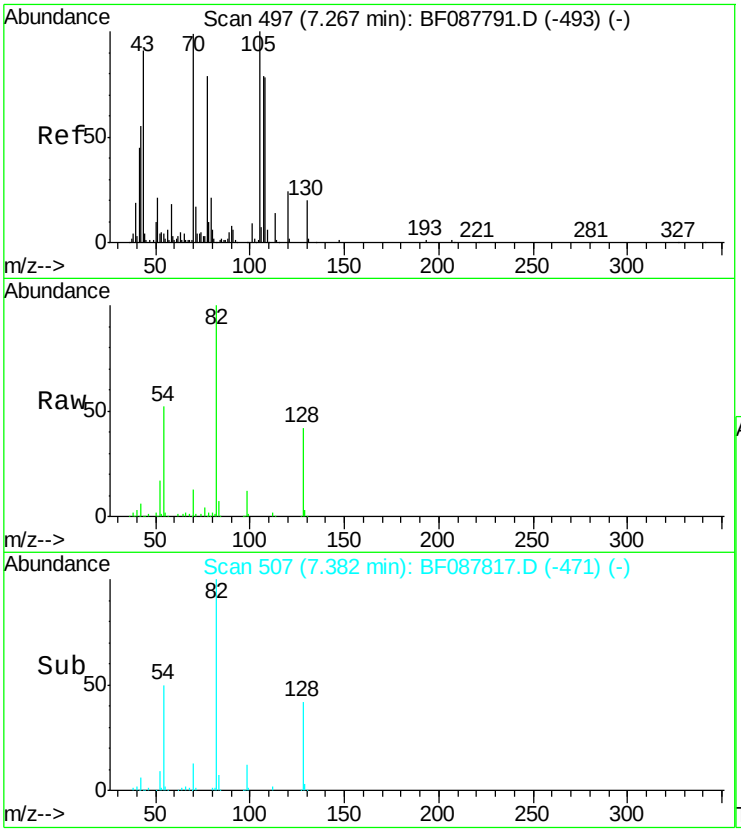


#10
Phenol
Concen: Below Cal
RT: 6.47 min Scan# 427
Delta R.T. -0.02 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion: 94 Resp: 2642

Ion	Ratio	Lower	Upper
94	100		
65	23.9	5.9	45.9
66	33.2	14.0	54.0



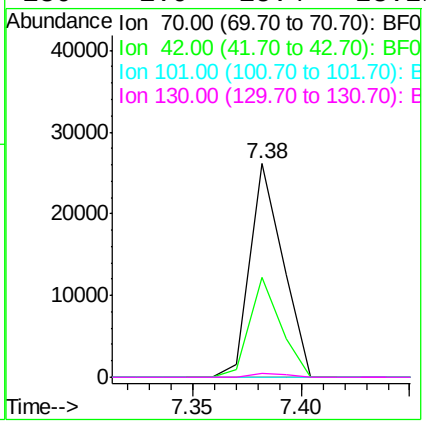


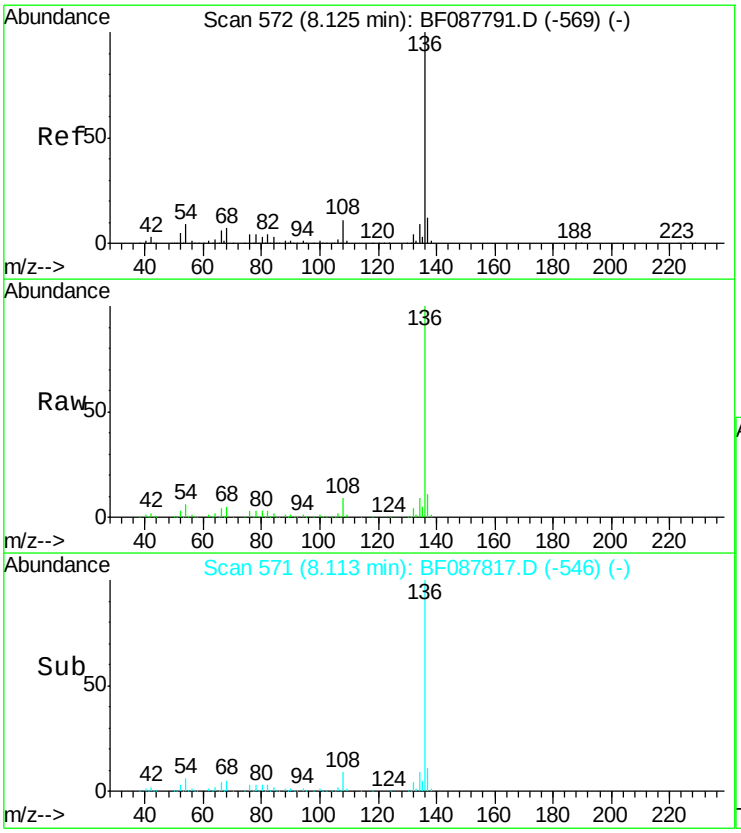
#19
n-Nitroso-di-n-propylamine
Concen: 5.39 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.11 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion: 70 Resp: 27656

Ion	Ratio	Lower	Upper
70	100		
42	47.0	49.6	74.4#
101	0.0	7.1	10.7#
130	1.9	15.4	23.2#

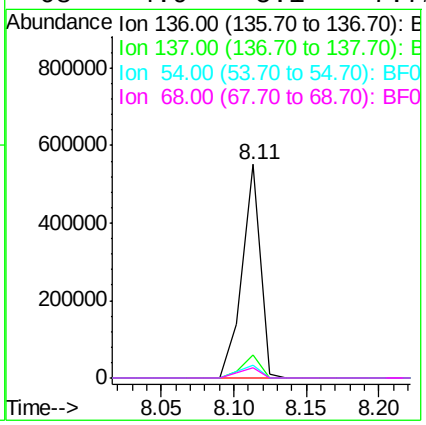


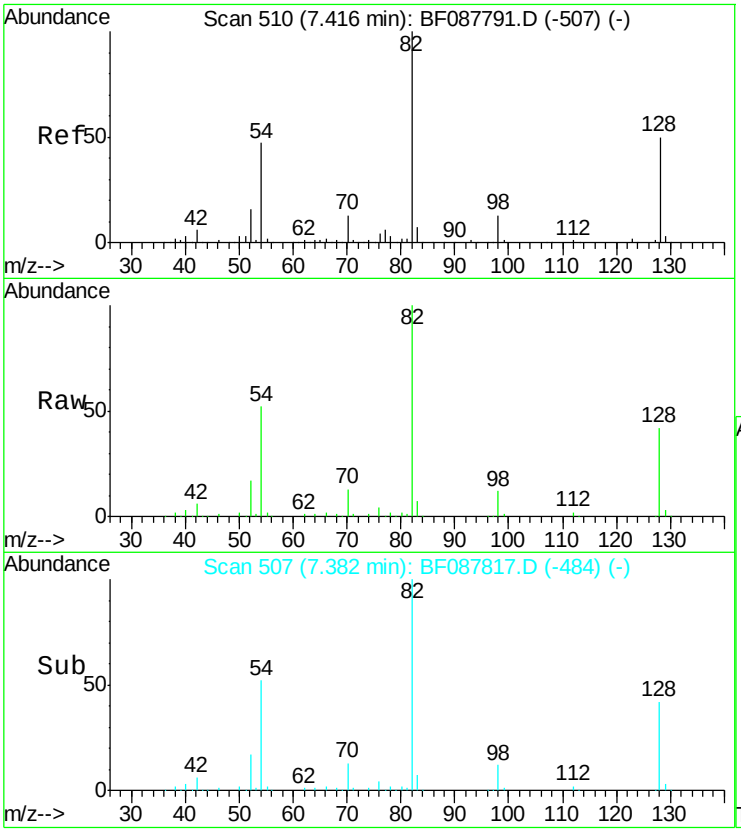


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:136 Resp: 481211

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.0	6.6	10.0#
68	4.9	5.1	7.7#



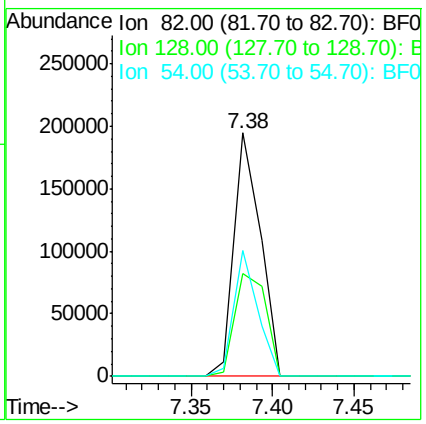


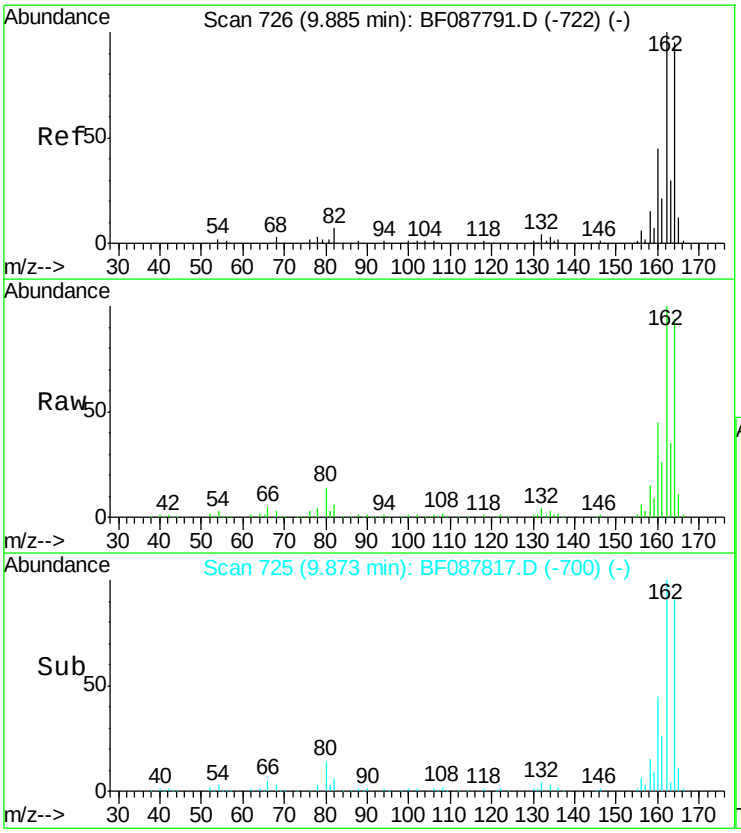
#23
Nitrobenzene-d5
Concen: 26.34 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion: 82 Resp: 217047

Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.9	53.9
54	51.6	40.9	61.3

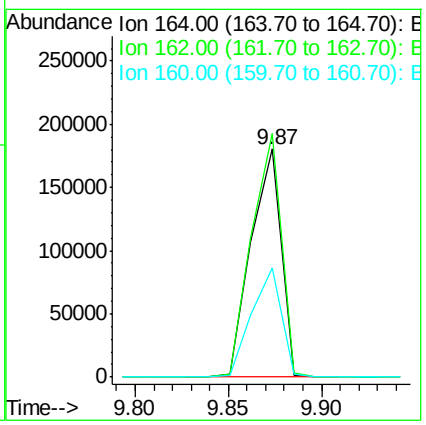


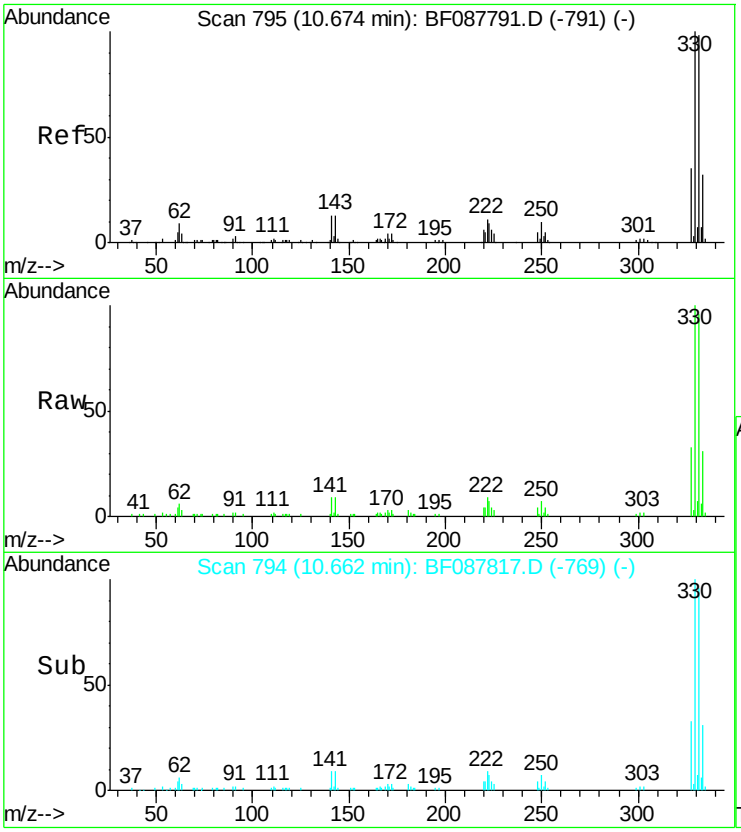


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:164 Resp: 199477

Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.4	128.2
160	48.1	39.5	59.3



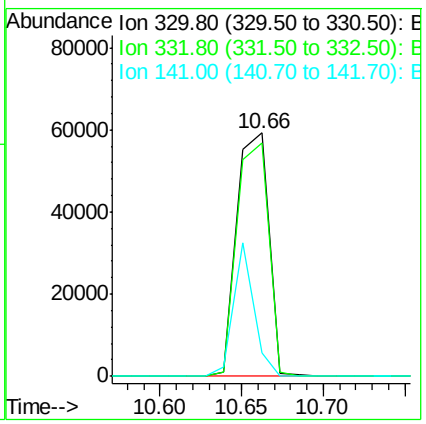


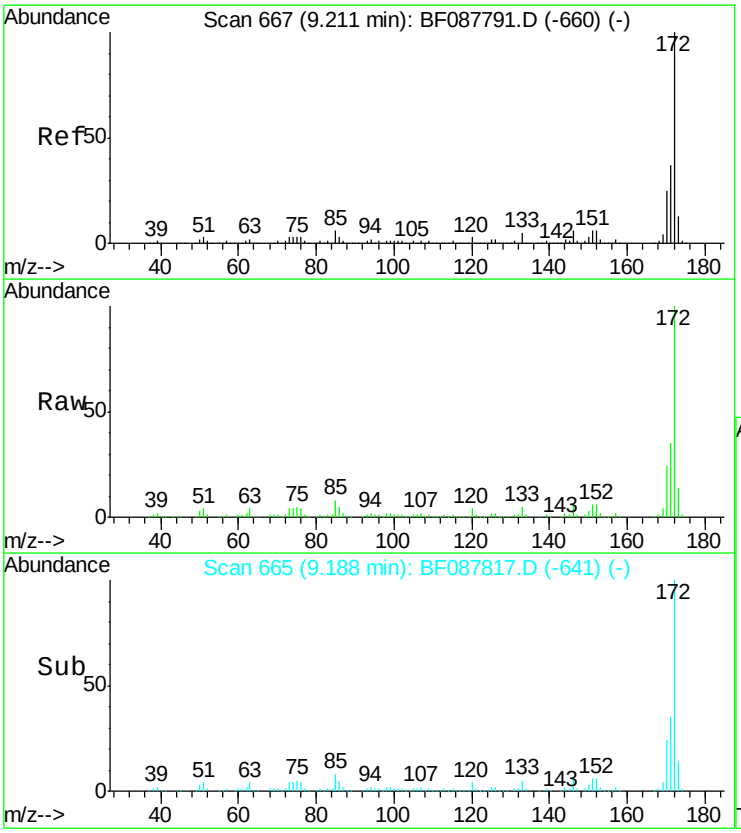
#41
2,4,6-Tribromophenol
Concen: 37.97 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion:330 Resp: 79969

Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	34.4	0.0	0.0#

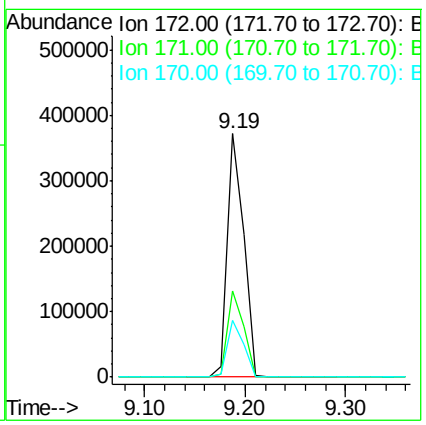


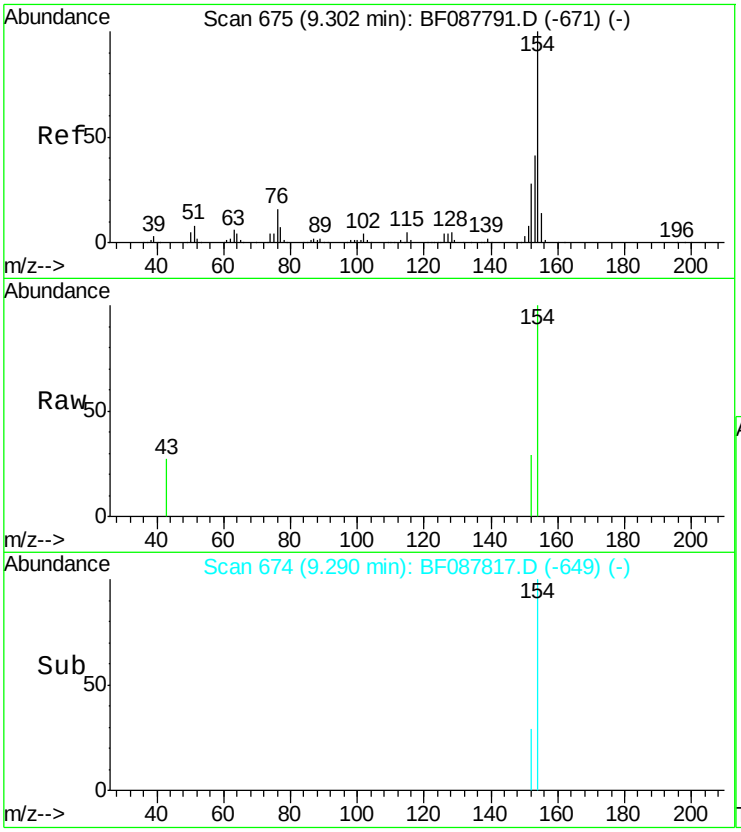


#44
2-Fluorobiphenyl
Concen: 29.34 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:172 Resp: 418552

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.5	19.2	28.8



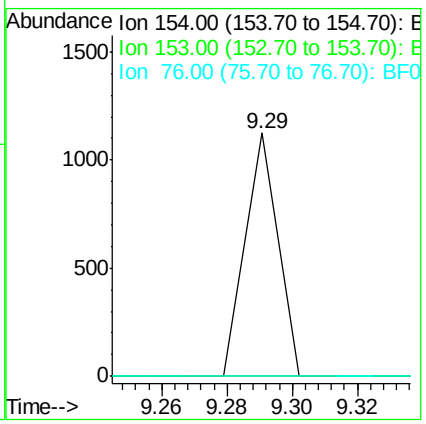


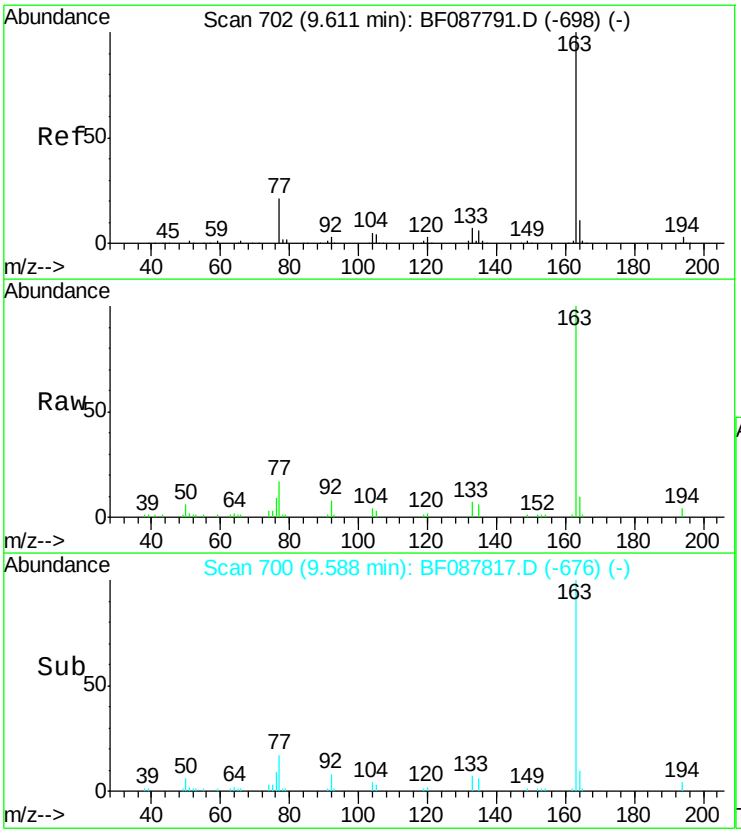
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.29 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion:154 Resp: 772

Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.6	60.6#
76	0.0	0.0	35.1

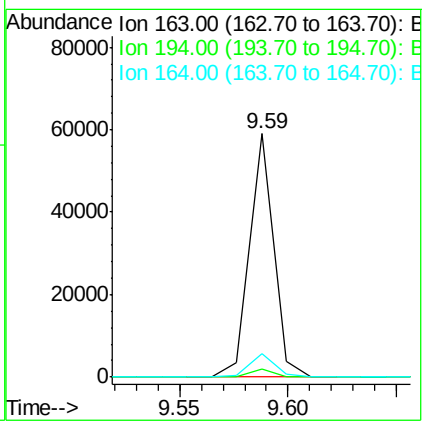


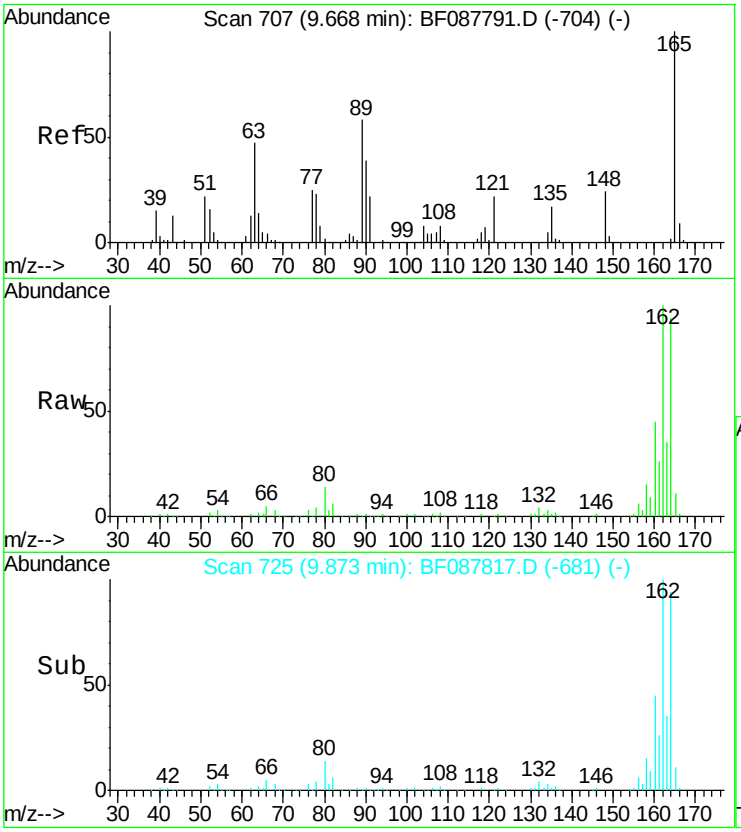


#49
Dimethylphthalate
Concen: 3.16 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:163 Resp: 45663

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.3	12.5



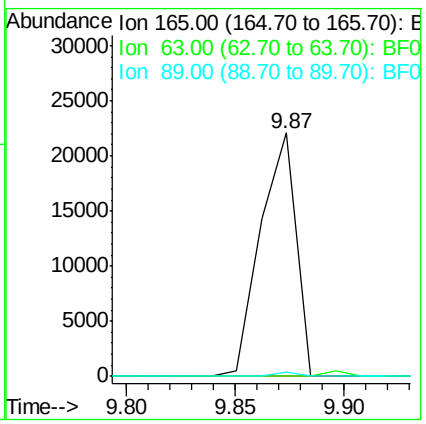


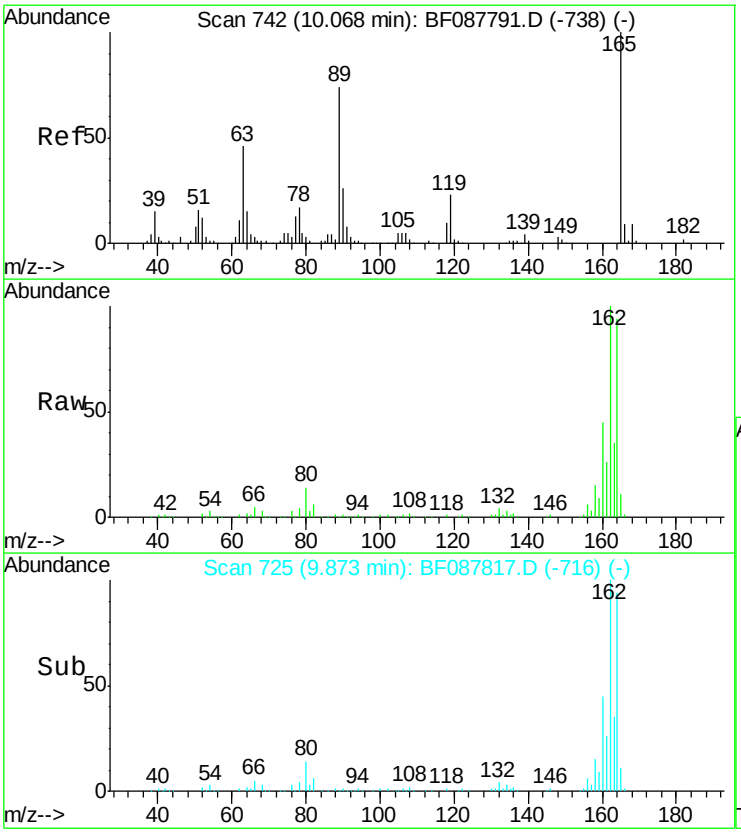
#50
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.21 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion:165 Resp: 25277

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.5	32.2	48.2#

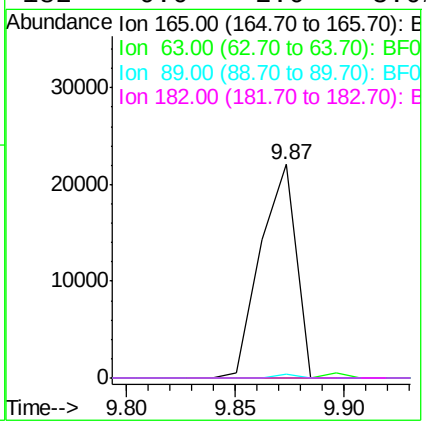


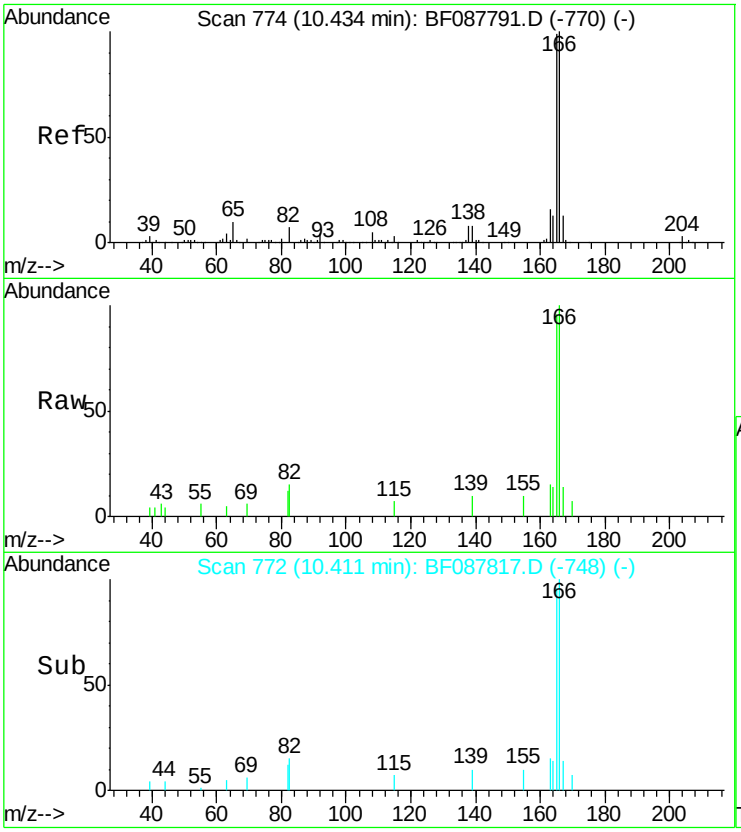


#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.19 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:165 Resp: 25277

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#



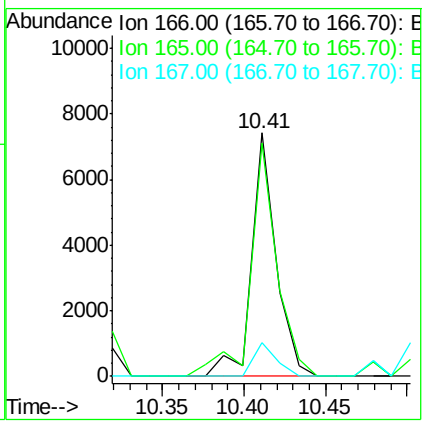


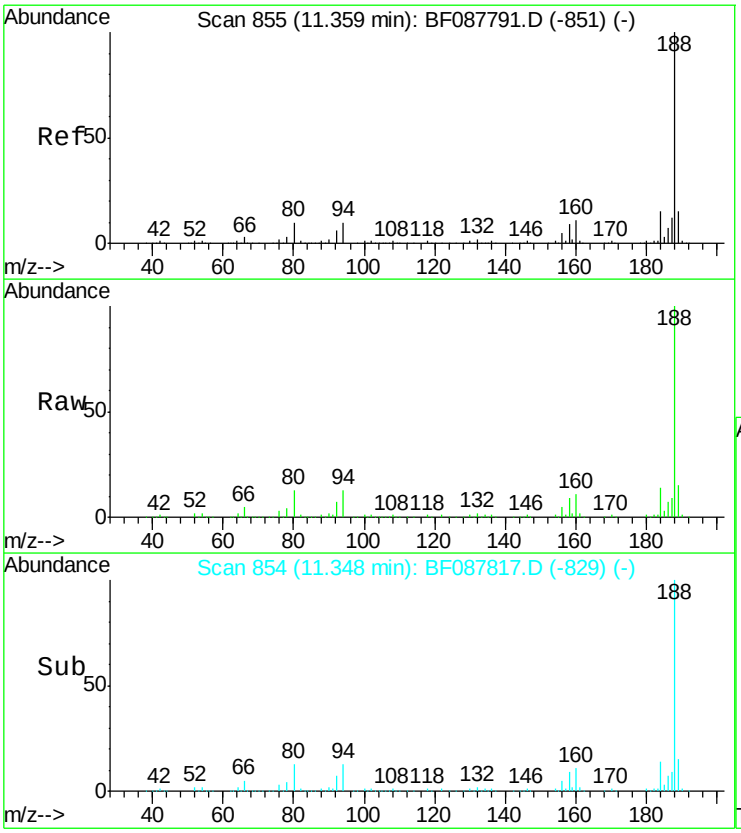
#57
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion:166 Resp: 7744

Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.8	116.8
167	13.6	11.2	16.8

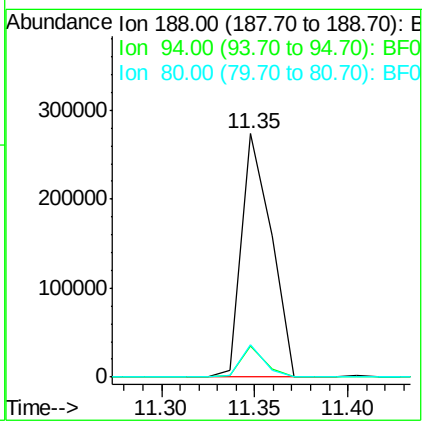


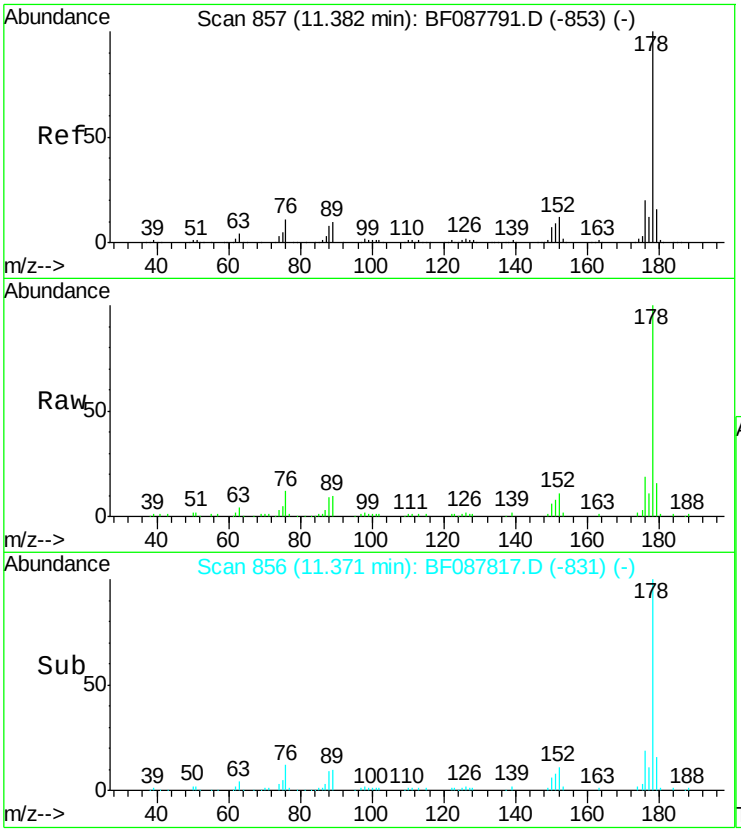


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:188 Resp: 303773

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.0	13.6
80	13.5	10.0	15.0



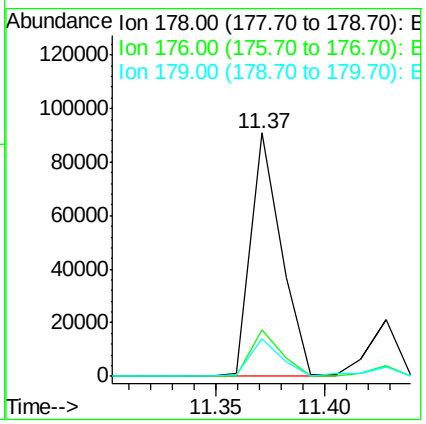


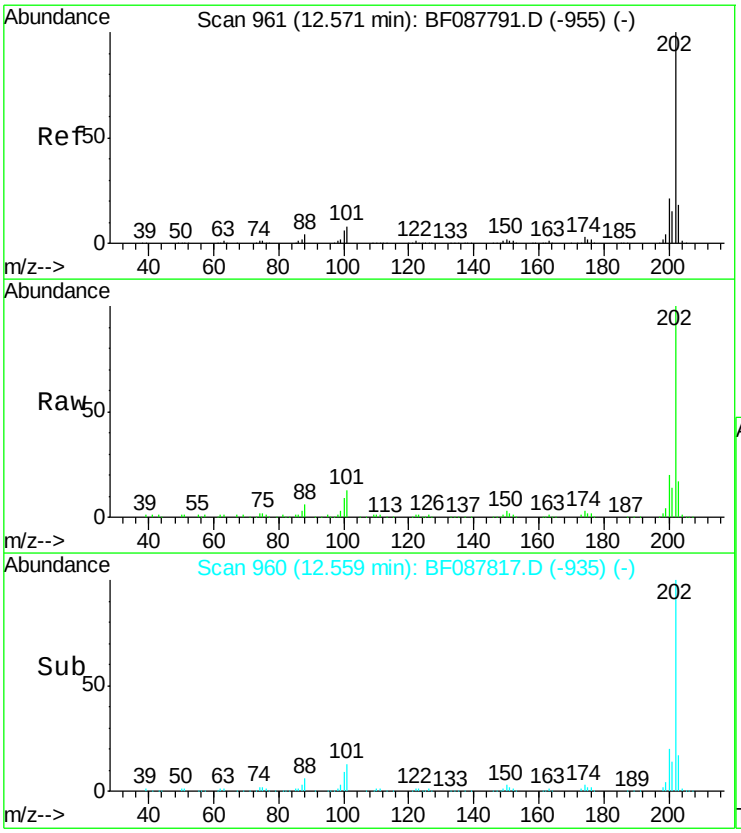
#70
Phenanthrene
Concen: 5.59 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion:178 Resp: 89156

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.5	13.0	19.4

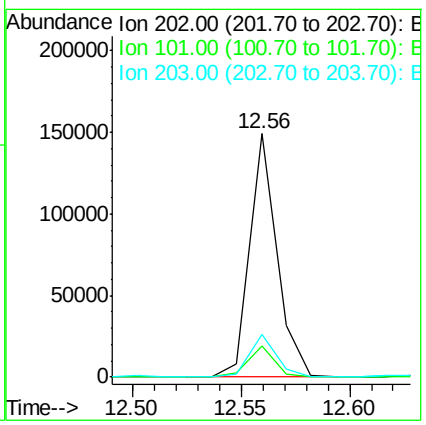


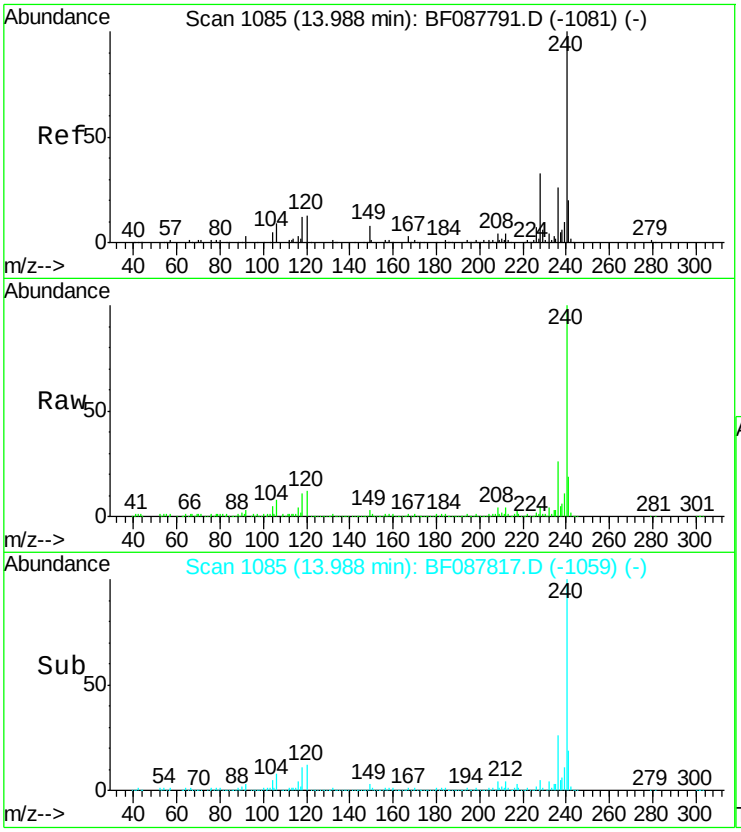


#74
Fluoranthene
Concen: 7.76 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:202 Resp: 130574

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.1
203	17.4	0.0	38.1



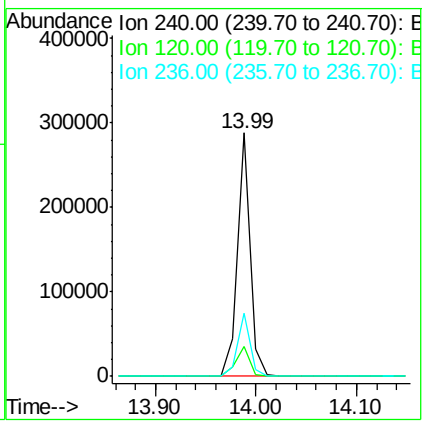


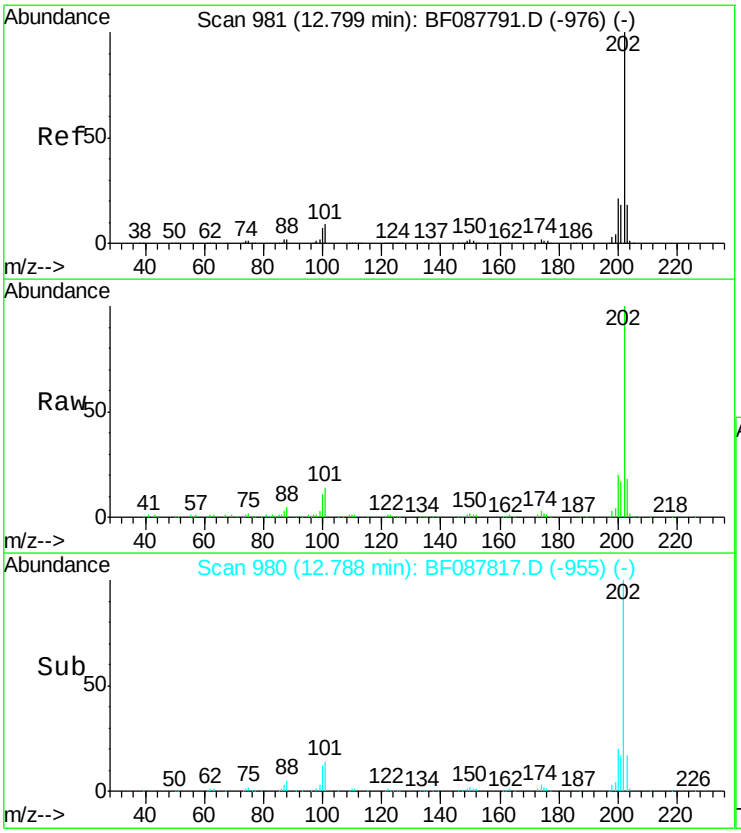
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion:240 Resp: 253748

Ion	Ratio	Lower	Upper
240	100		
120	12.4	6.8	10.2#
236	25.8	20.2	30.2

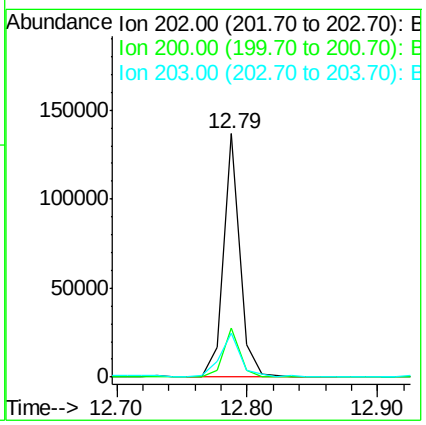


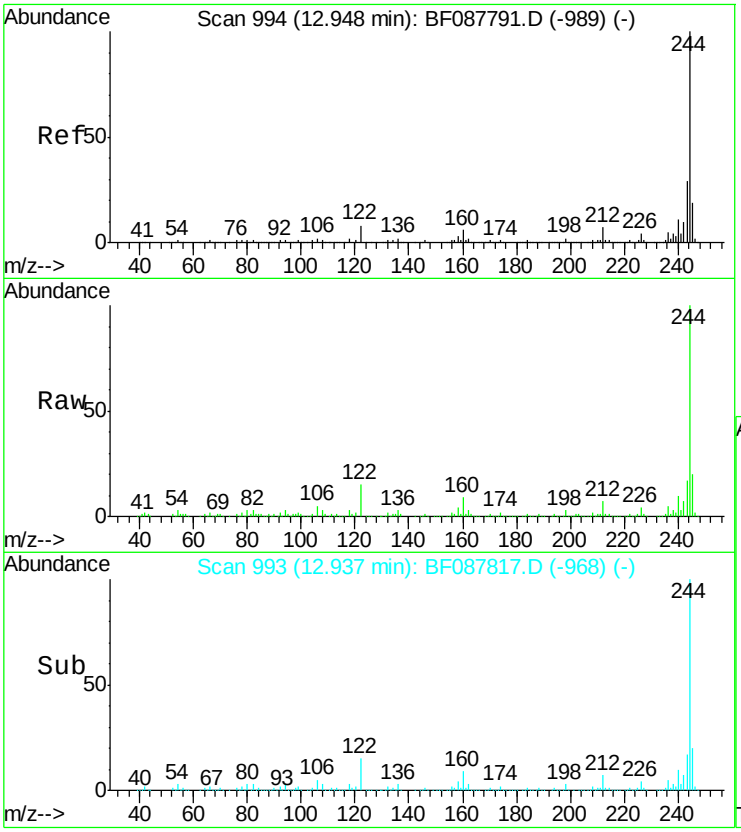


#77
Pyrene
Concen: 6.38 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:202 Resp: 120053

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.8	14.5	21.7



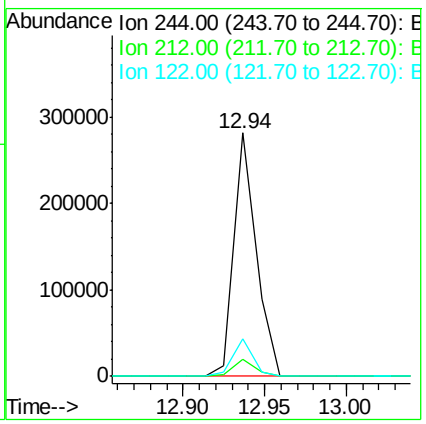


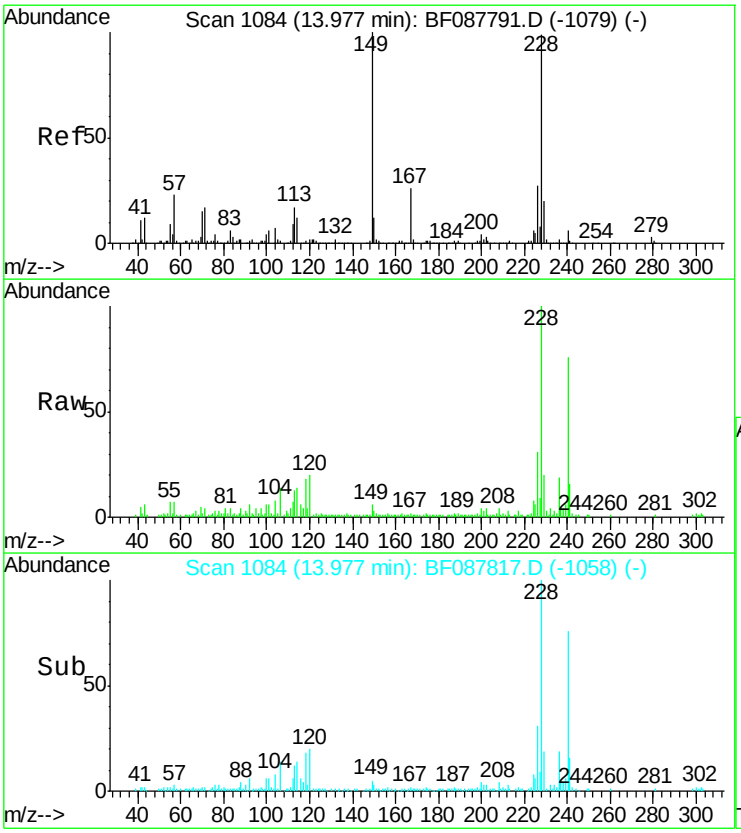
#78
Terphenyl-d14
Concen: 23.69 ng
RT: 12.94 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion:244 Resp: 264119

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.2	11.2	16.8

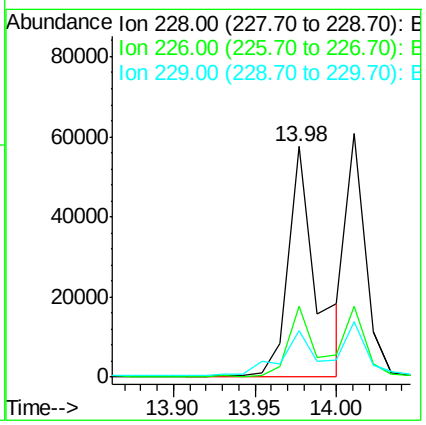


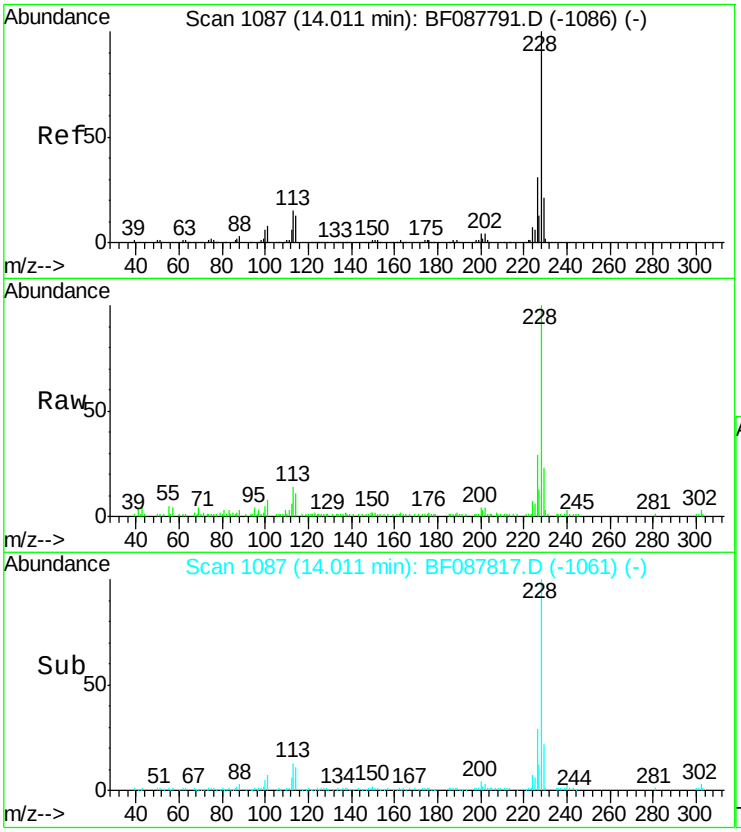


#80
Benzo(a)anthracene
Concen: 4.83 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:228 Resp: 69846

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.3	33.5
229	20.4	16.0	24.0



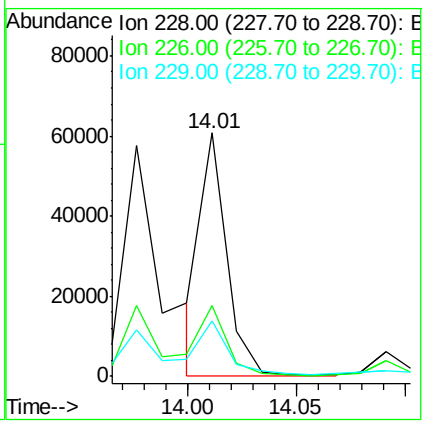


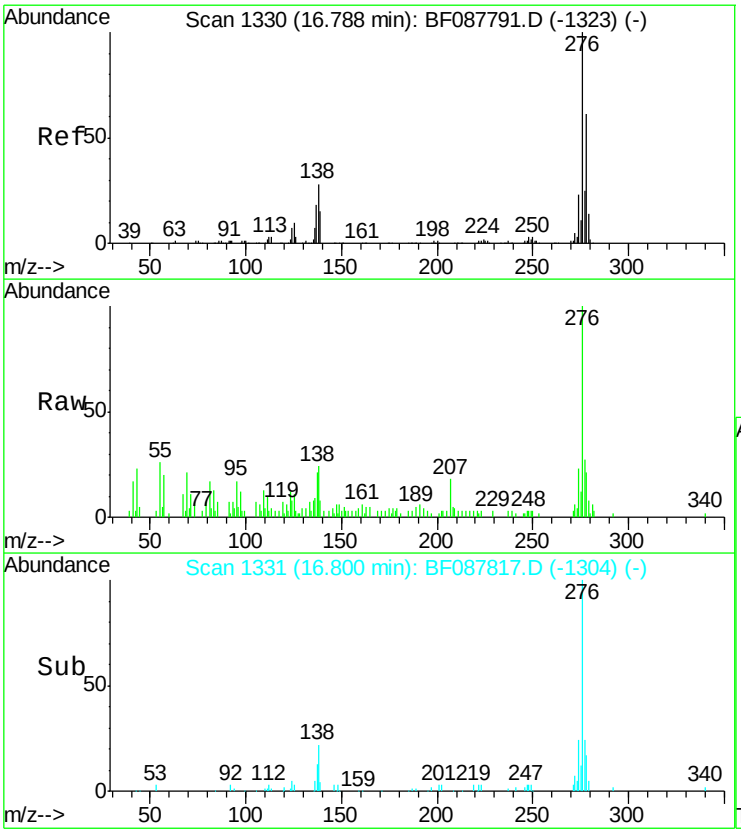
#82
Chrysene
Concen: 3.69 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion:228 Resp: 50156

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.4	38.2
229	22.5	16.3	24.5

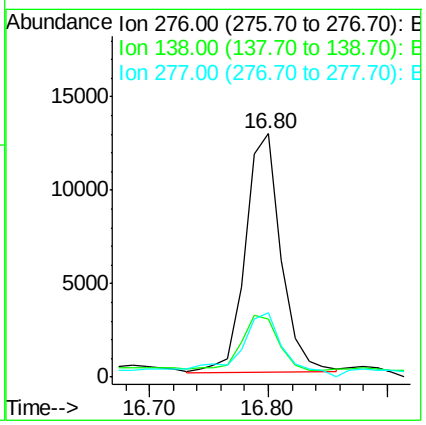


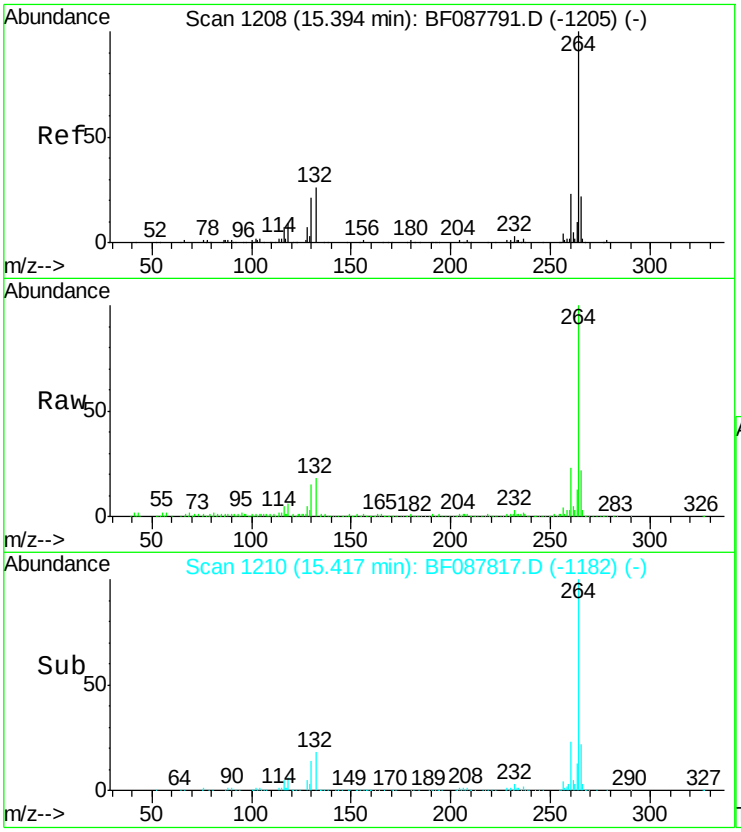


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.11 ng
RT: 16.80 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:276 Resp: 26651

Ion	Ratio	Lower	Upper
276	100		
138	26.8	0.0	0.0#
277	38.7	0.0	0.0#



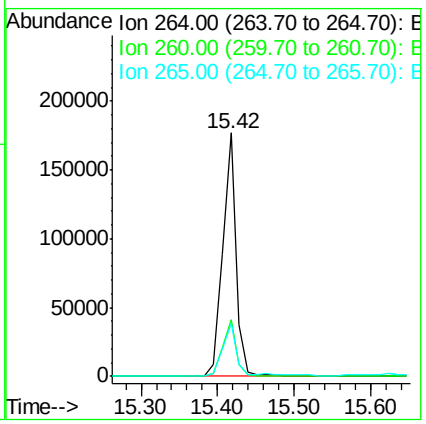


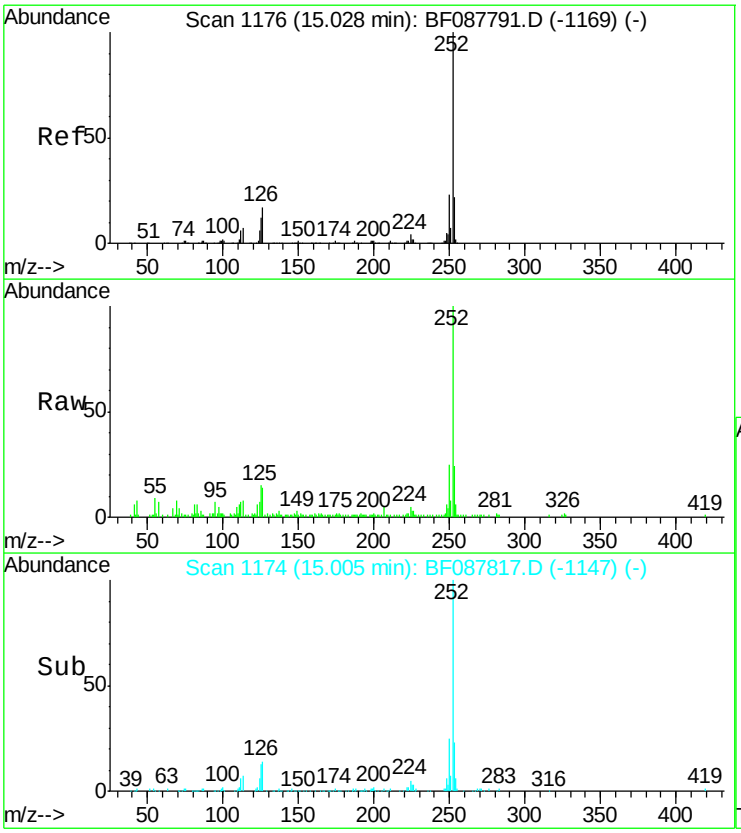
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion:264 Resp: 220802

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	16.9	25.3

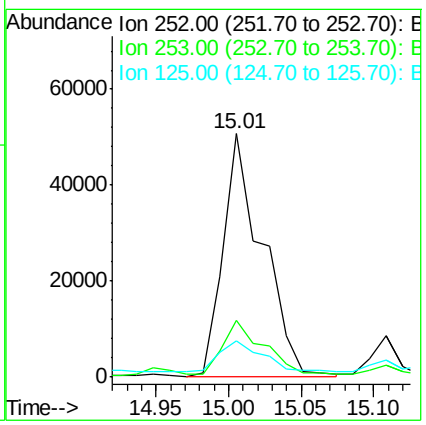


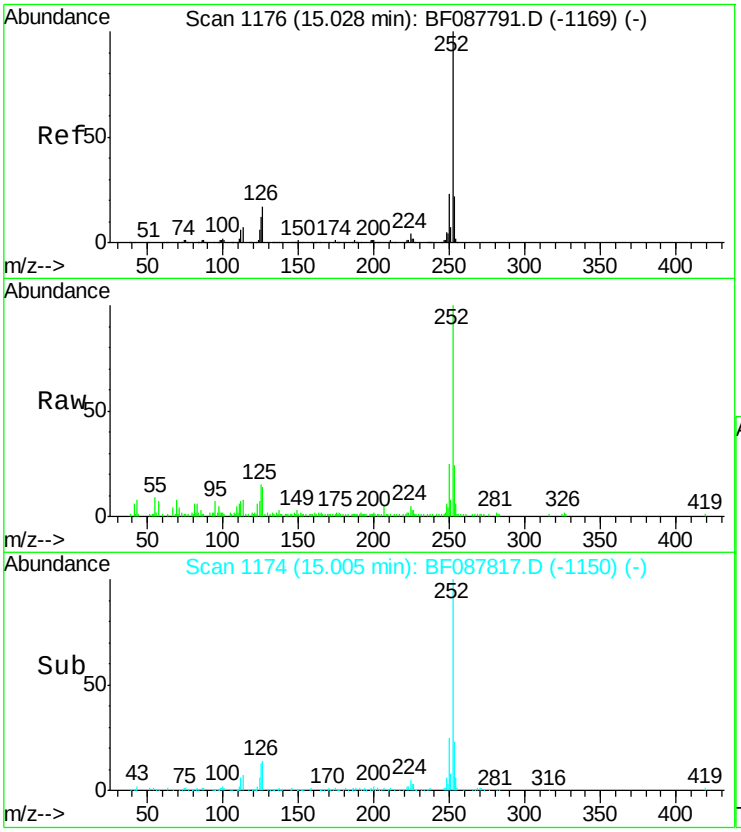


#87
Benzo(b)fluoranthene
Concen: 6.20 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:252 Resp: 95464

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	14.9	7.1	10.7#



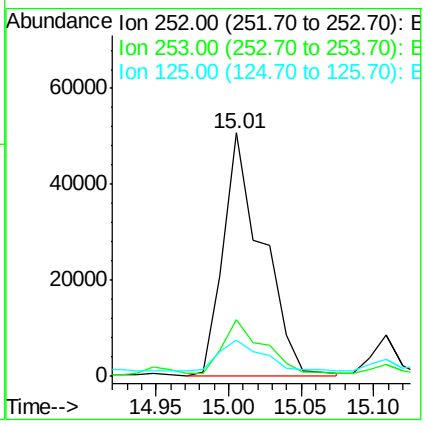


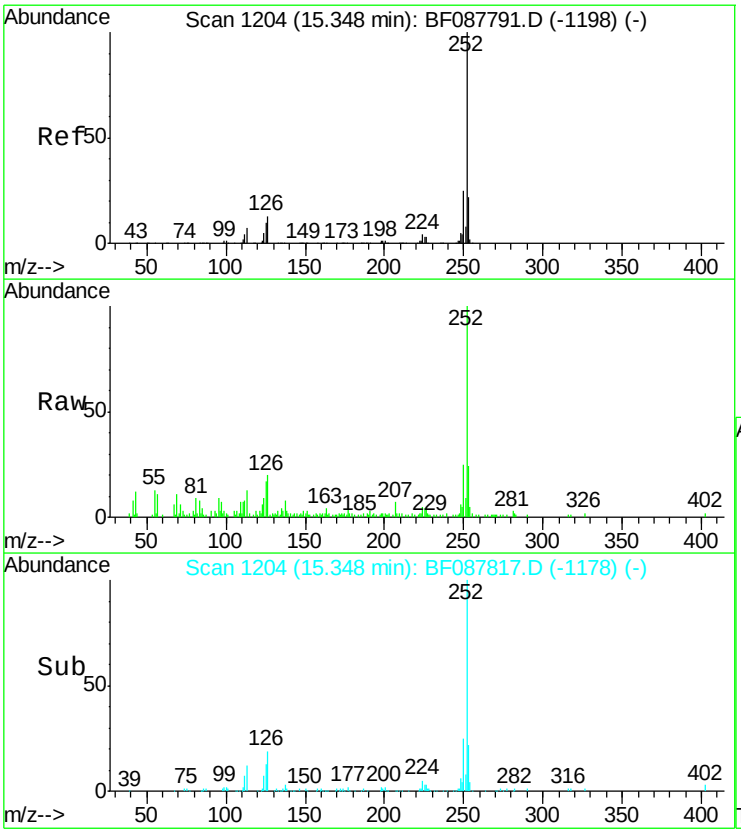
#88
Benzo(k)fluoranthene
Concen: 8.22 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion:252 Resp: 95464

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	14.9	11.2	16.8

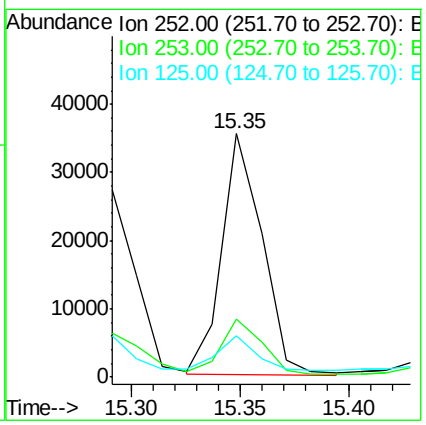


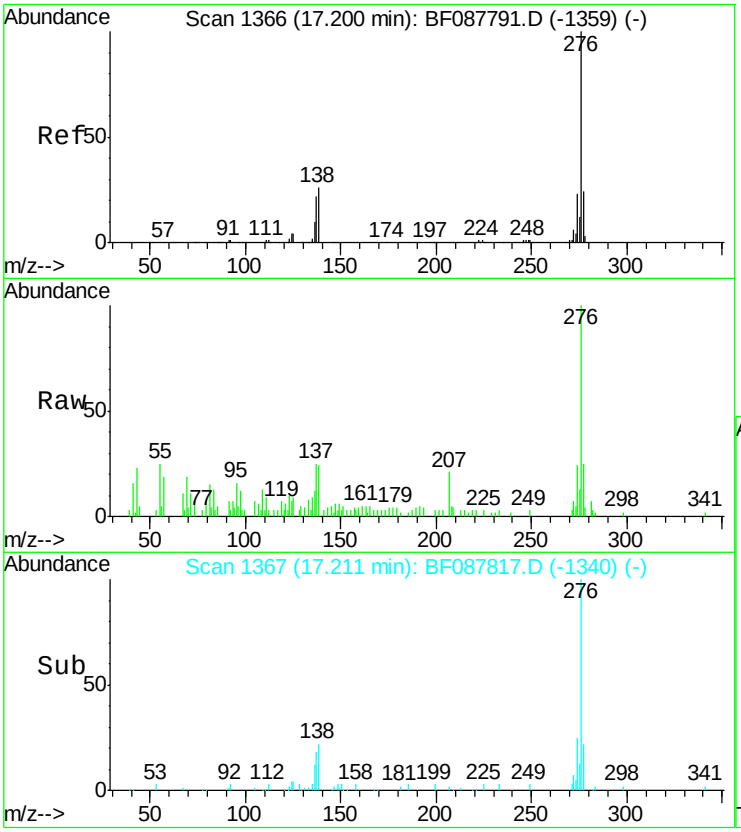


#89
Benzo(a)pyrene
Concen: 3.65 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Tgt Ion:252 Resp: 45406

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	17.0	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 2.23 ng
RT: 17.21 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF087817.D
Acq: 8 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SS-18

Tgt Ion:276 Resp: 26475

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	24.1	21.4	32.2