Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022817\
Data File : BF093253.D
Acq On : 28 Feb 2017 17:23
Operator : SJ/MA
Sample : I2017-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 28 17:51:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	142516	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	528636	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	234674	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	374651	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	328348	20.00	ng		-0.05
86) Perylene-d12	15.39	264	270798	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	896352	107.90	ng		-0.03
7) Phenol-d6	6.46	99	1129244	105.65	ng		-0.02
23) Nitrobenzene-d5	7.38	82	687343	72.41	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	157742	92.94	ng		-0.05
44) 2-Fluorobiphenyl	9.17	172	1089935	84.14	ng		-0.05
78) Terphenyl-d14	12.91	244	678536	48.56	ng		-0.06
Target Compounds							Qvalue
10) Phenol	6.48	94	85806	6.86	ng	#	67
19) n-Nitroso-di-n-propylamine	7.38	70	93211	13.70	ng	#	80
25) Isophorone	7.38	82	560436	31.68	ng	#	65
49) Dimethylphthalate	9.56	163	93451	5.91	ng		99
56) 2,4-Dinitrotoluene	9.85	165	29818	6.56	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.64	198	330	2.81	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	12216	3.12	ng	#	1
70) Phenanthrene	11.36	178	191090	8.90	ng		95
74) Fluoranthene	12.55	202	337194	15.23	ng		95
77) Pyrene	12.77	202	320650	13.05	ng		98
80) Benzo(a)anthracene	13.96	228	156357	7.79	ng		98
82) Chrysene	14.00	228	161703	8.60	ng		99
87) Benzo(b)fluoranthene	14.99	252	233012	13.07	ng		97
88) Benzo(k)fluoranthene	14.99	252	233012	15.14	ng	#	96
89) Benzo(a)pyrene	15.33	252	106202	6.89	ng		97
91) Benzo(g,h,i)perylene	17.20	276	47574	3.78	ng	#	89

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

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
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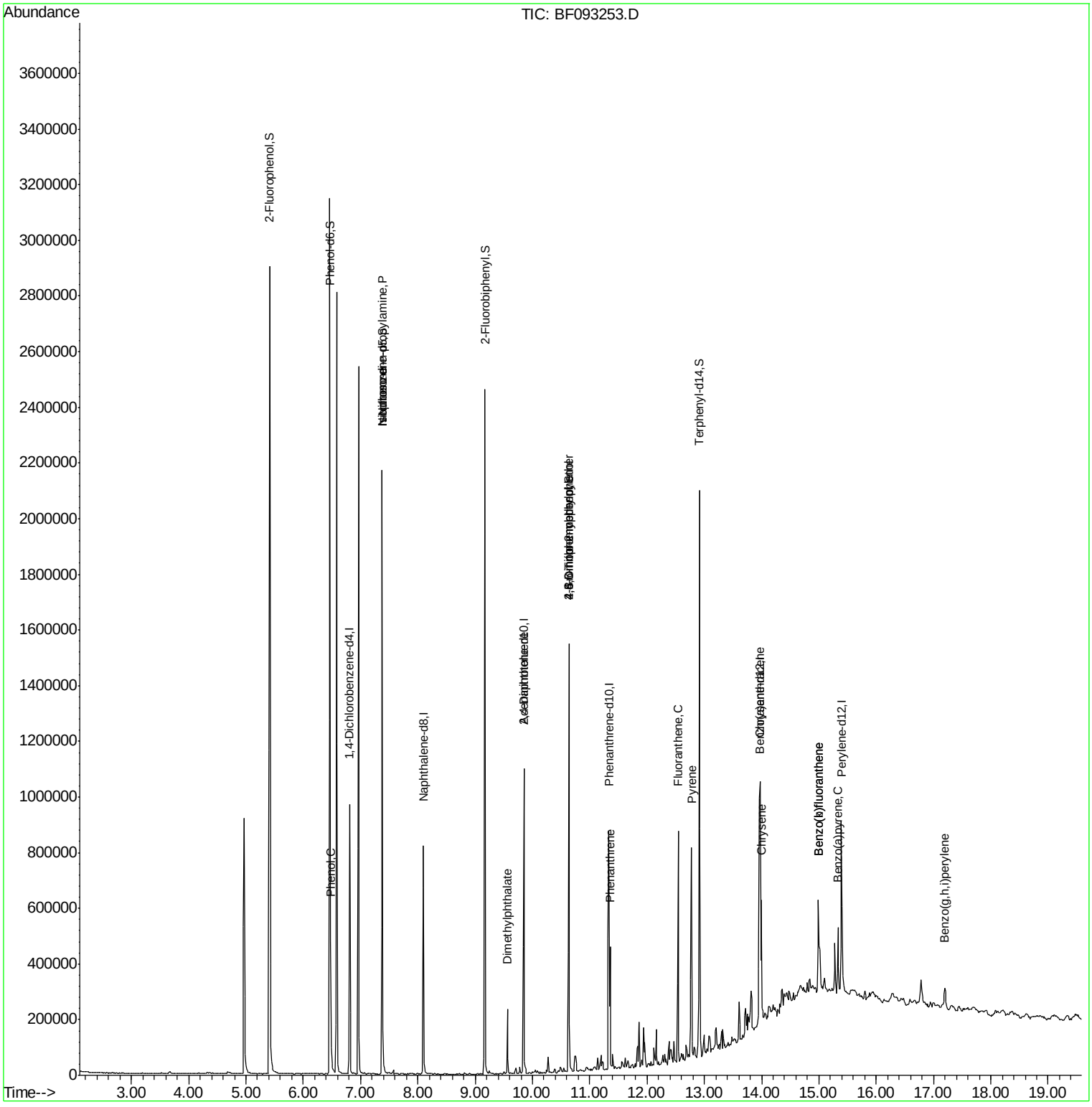
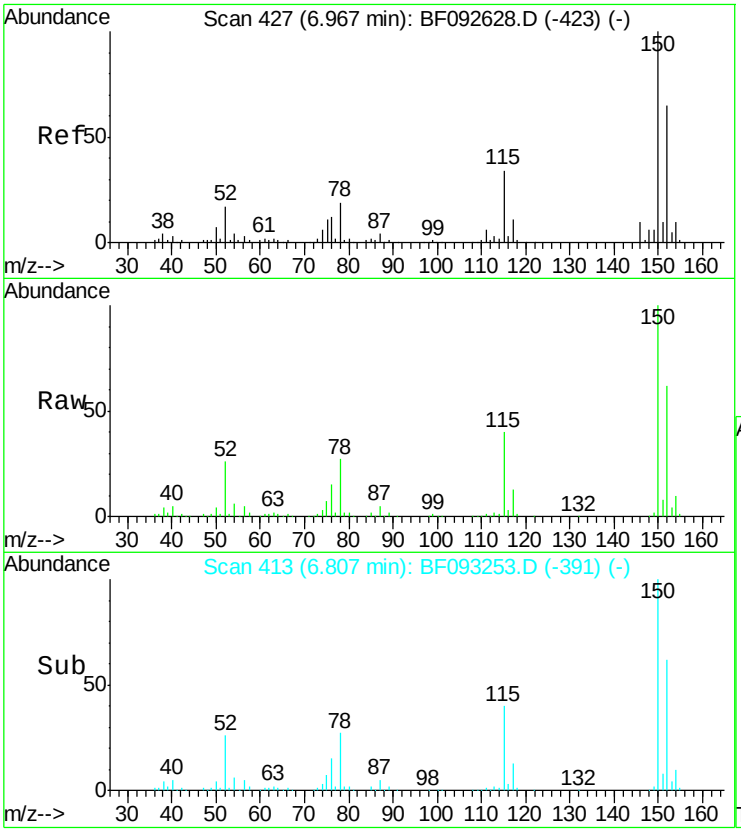


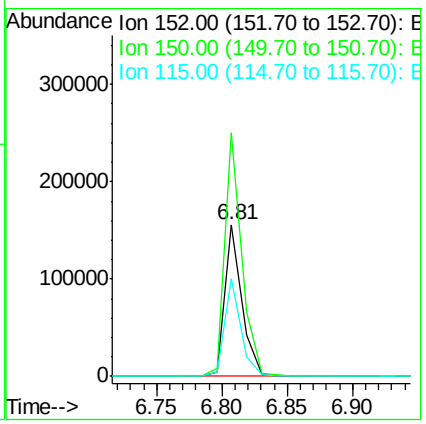


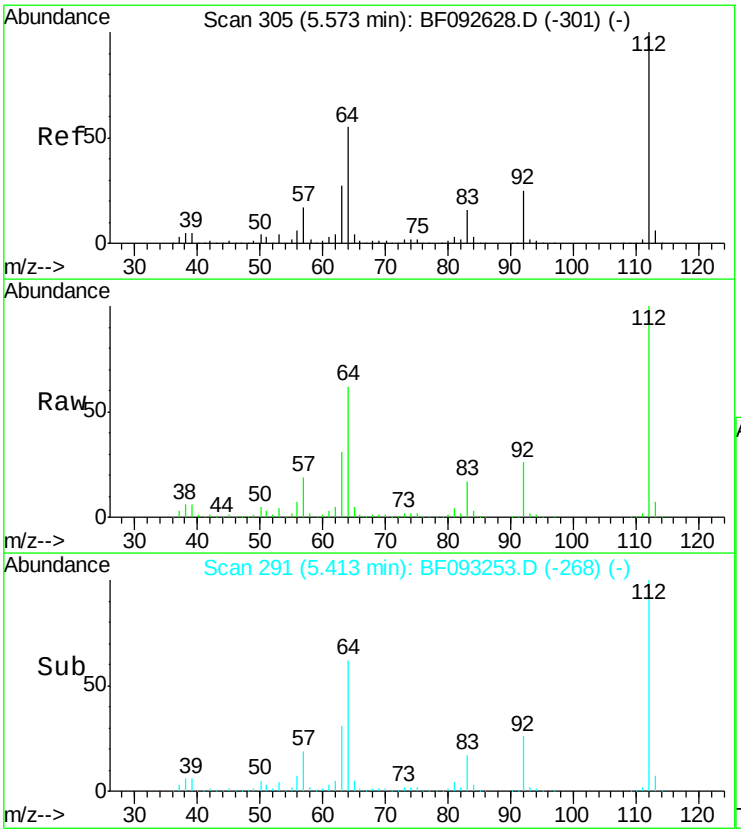
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 142516

Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.9	187.3
115	64.4	46.0	69.0

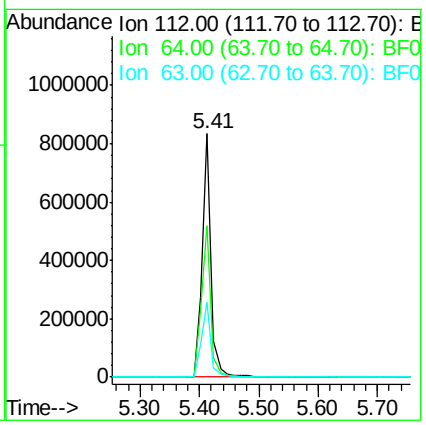


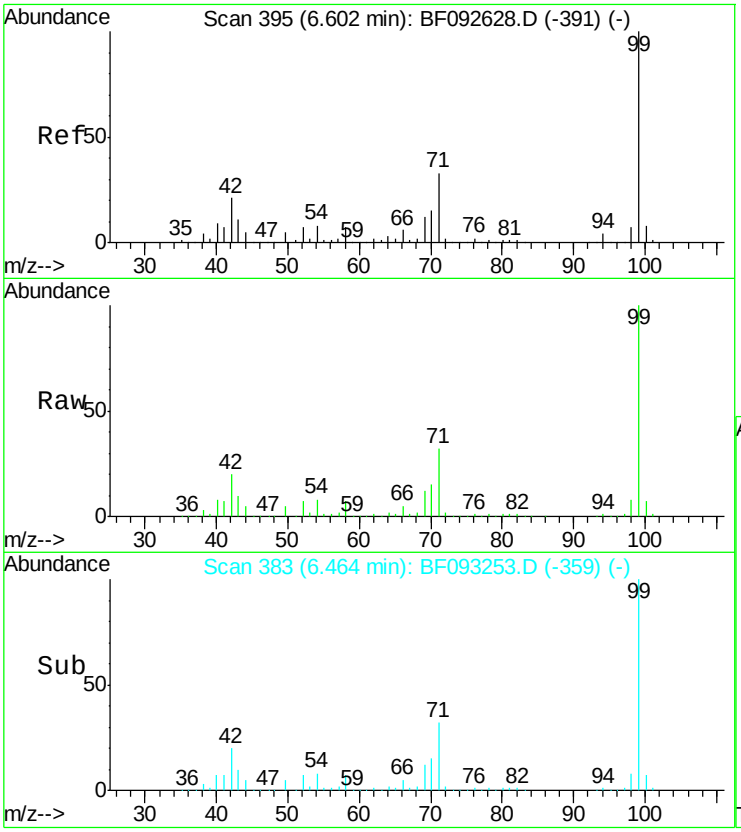


#5
2-Fluorophenol
Concen: 107.90 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion:112 Resp: 896352

Ion	Ratio	Lower	Upper
112	100		
64	62.2	46.1	69.1
63	30.6	23.8	35.6



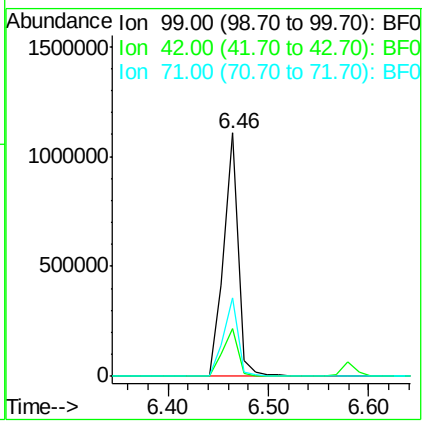


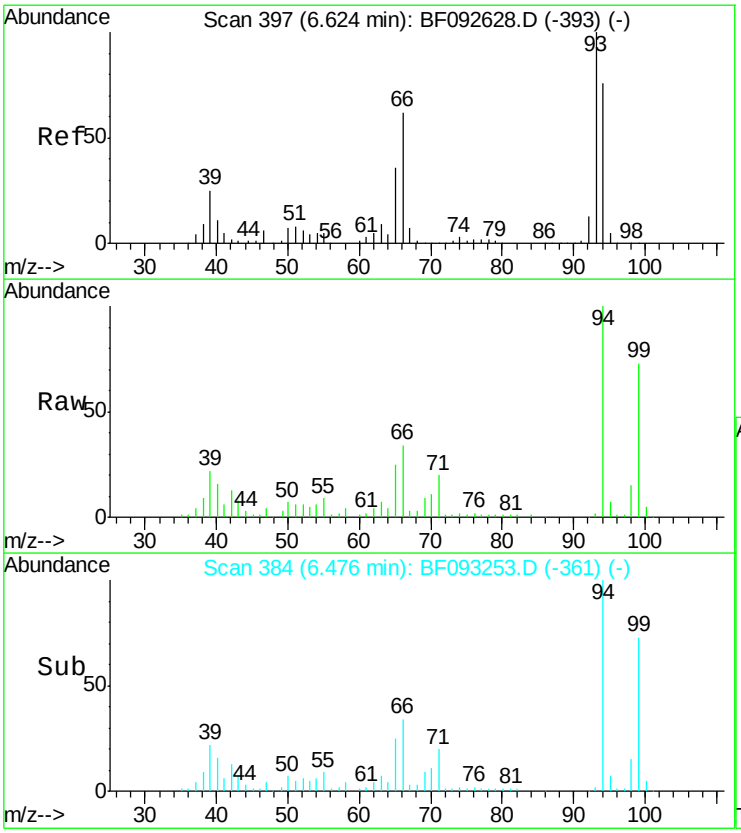
#7
Phenol-d6
Concen: 105.65 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1129244

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.6	23.4
71	32.4	27.5	41.3

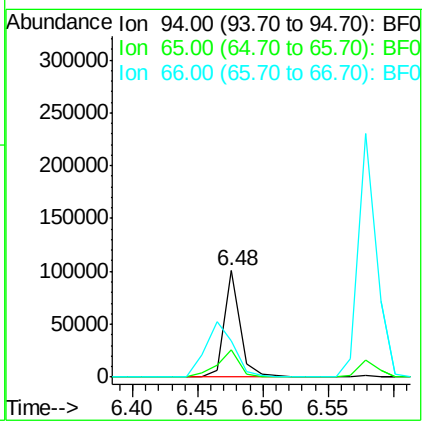


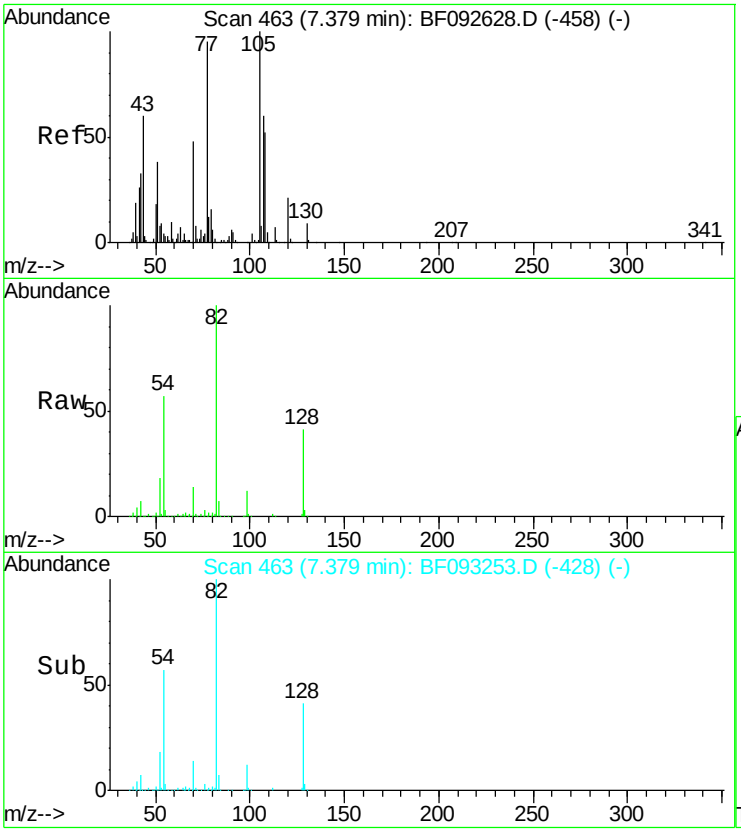


#10
Phenol
Concen: 6.86 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion: 94 Resp: 85806

Ion	Ratio	Lower	Upper
94	100		
65	25.4	21.4	61.4
66	34.3	44.0	84.0#



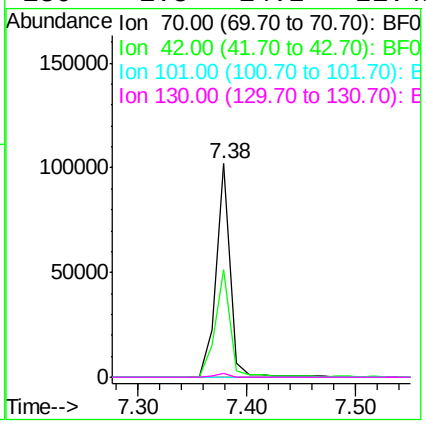


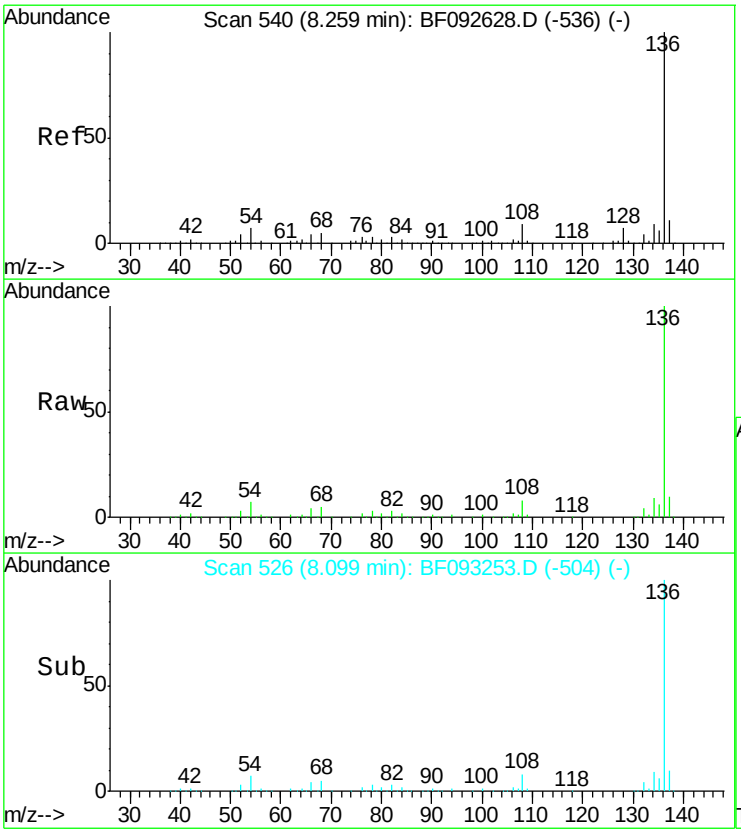
#19
n-Nitroso-di-n-propylamine
Concen: 13.70 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 93211

Ion	Ratio	Lower	Upper
70	100		
42	50.2	49.4	74.0
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#

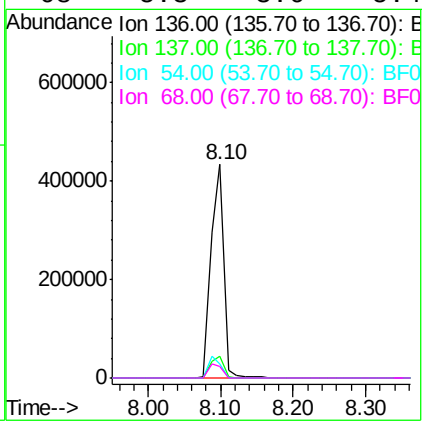


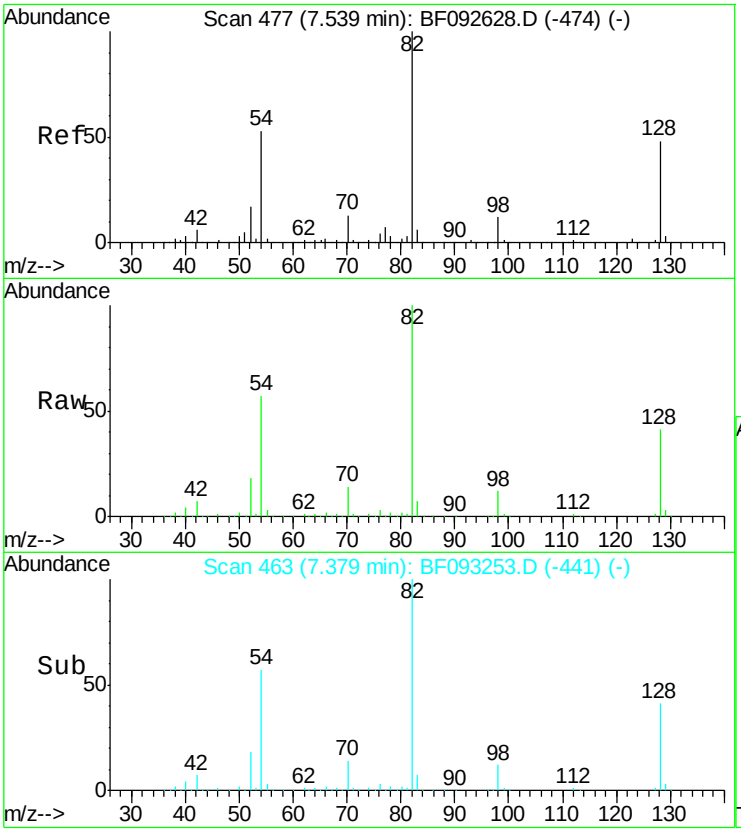


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion:136 Resp: 528636

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.4	12.6
54	6.8	4.5	6.7#
68	5.3	3.6	5.4



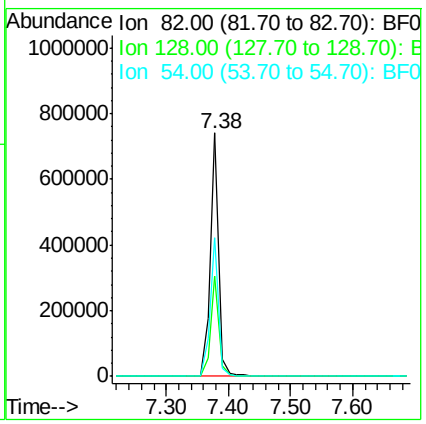


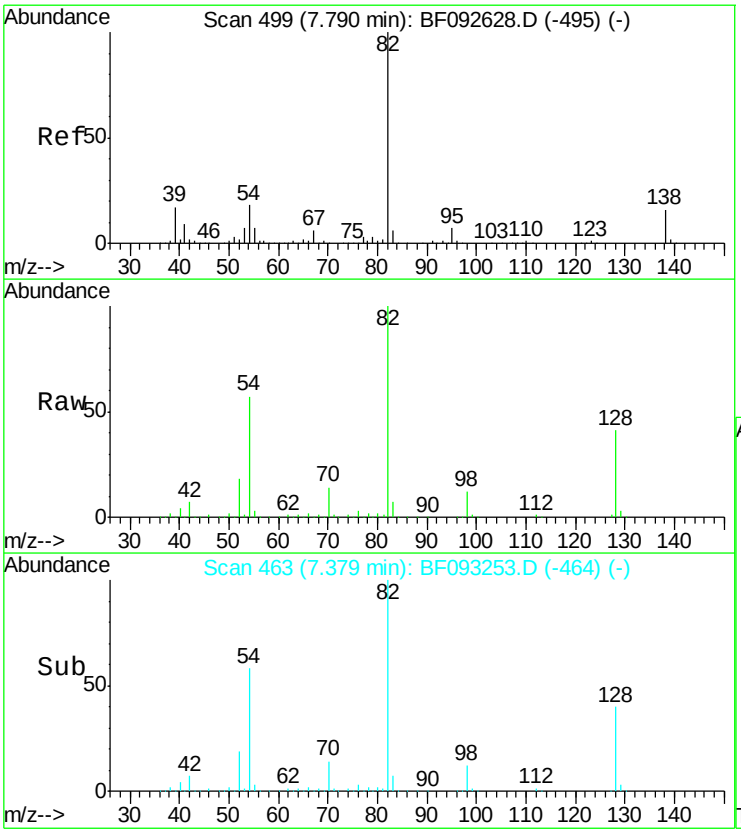
#23
Nitrobenzene-d5
Concen: 72.41 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 687343

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	56.8	39.5	59.3

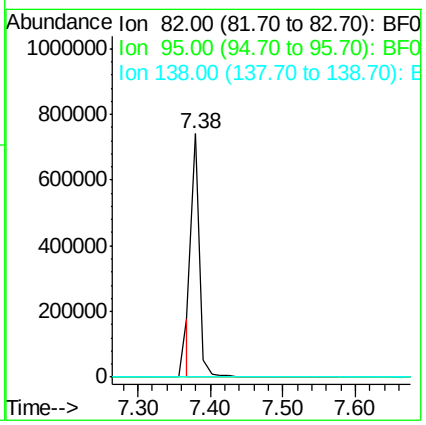


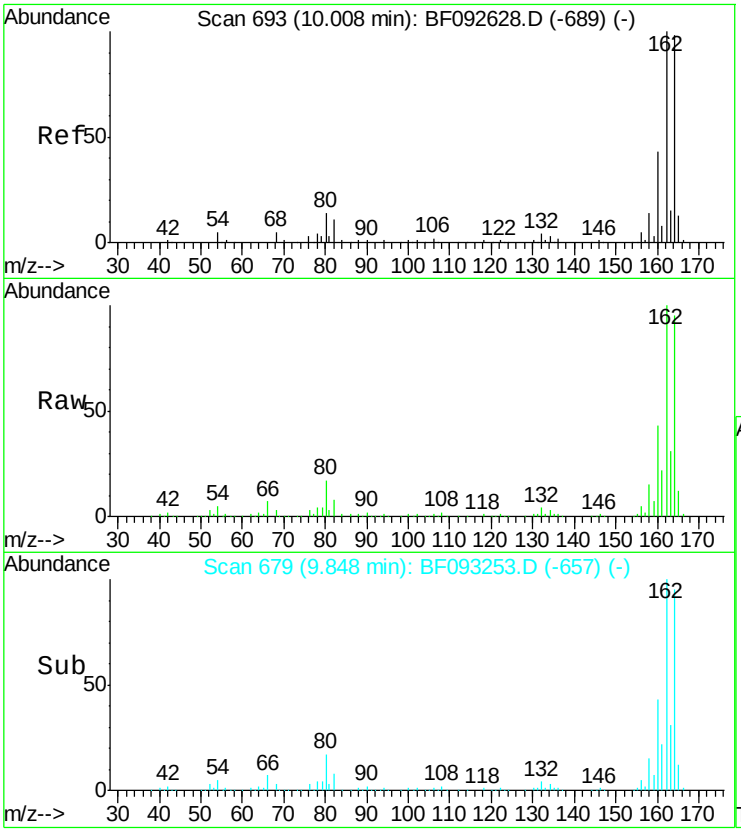


#25
Isophorone
Concen: 31.68 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion: 82 Resp: 560436

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



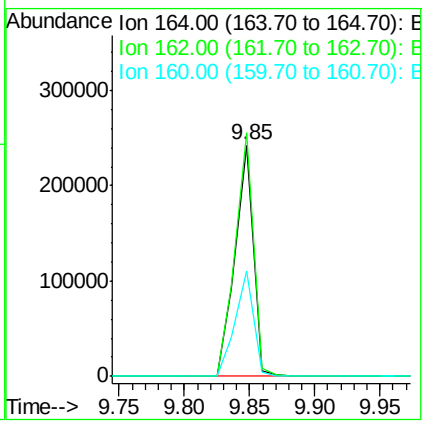


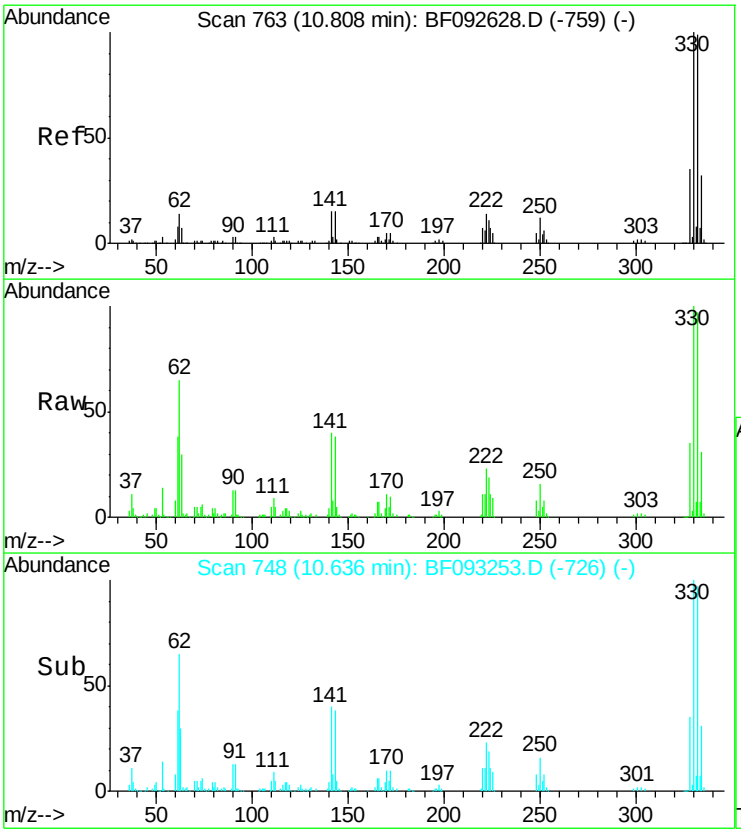
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 234674

Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.2	120.2
160	45.6	36.9	55.3

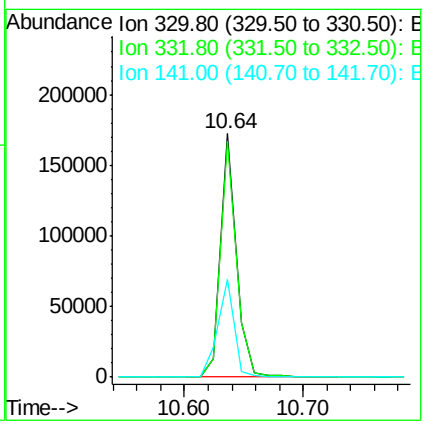


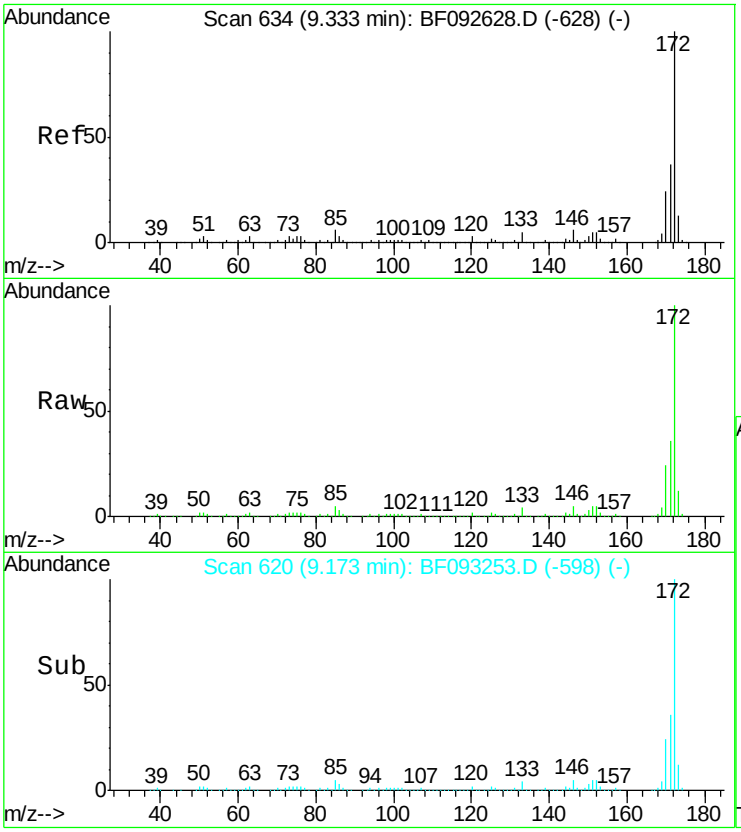


#41
2,4,6-Tribromophenol
Concen: 92.94 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion:330 Resp: 157742

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	41.7	34.1	51.1



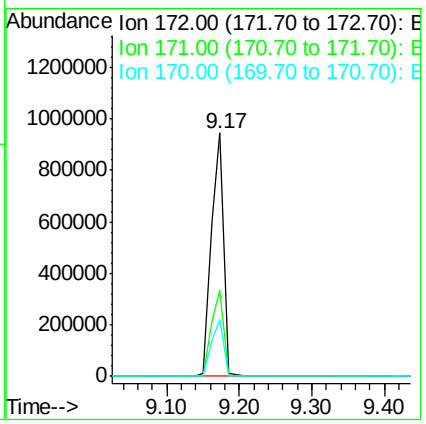


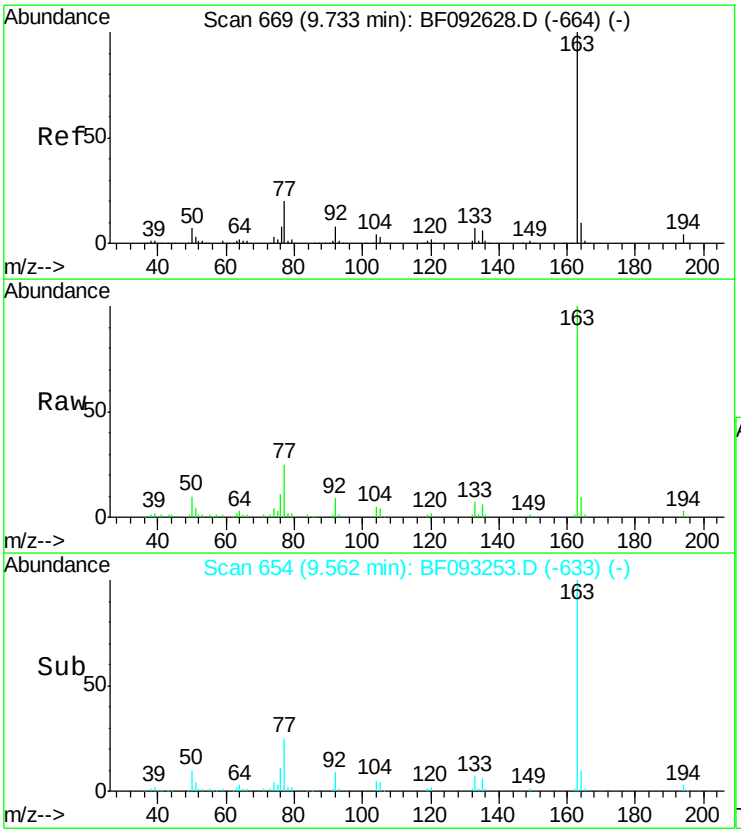
#44
2-Fluorobiphenyl
Concen: 84.14 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1089935

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.5	20.2	30.4

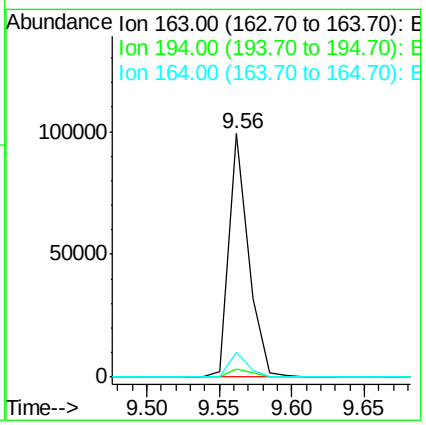


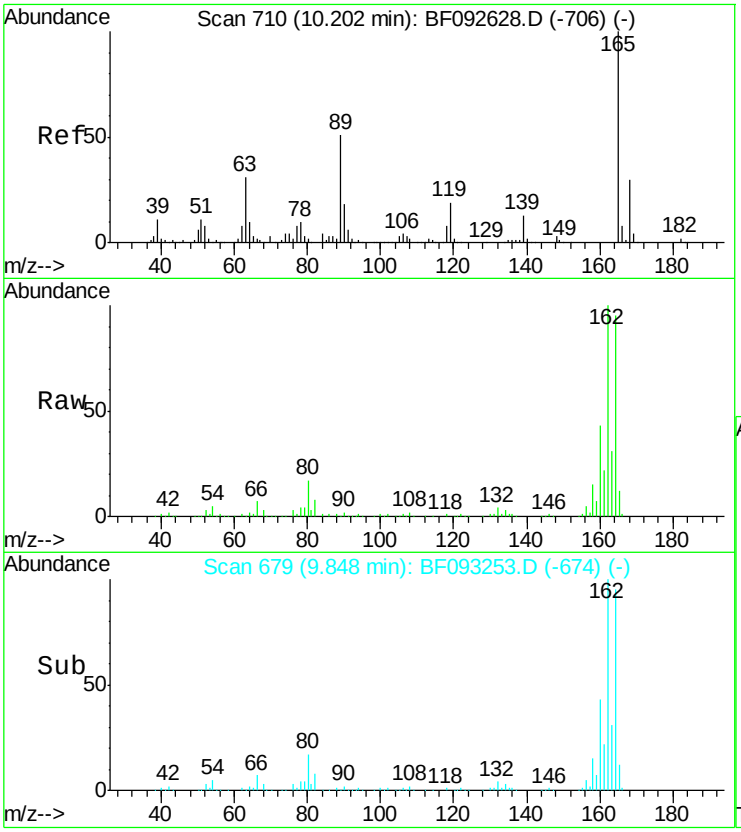


#49
Dimethylphthalate
Concen: 5.91 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion:163 Resp: 93451

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.3	8.0	12.0



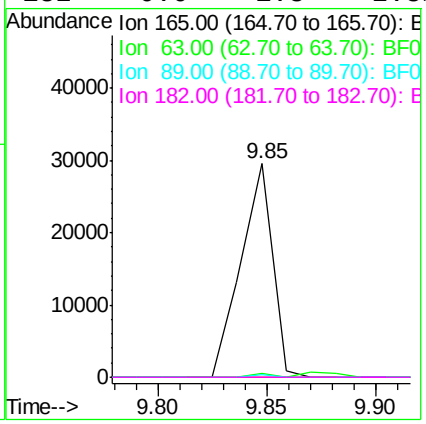


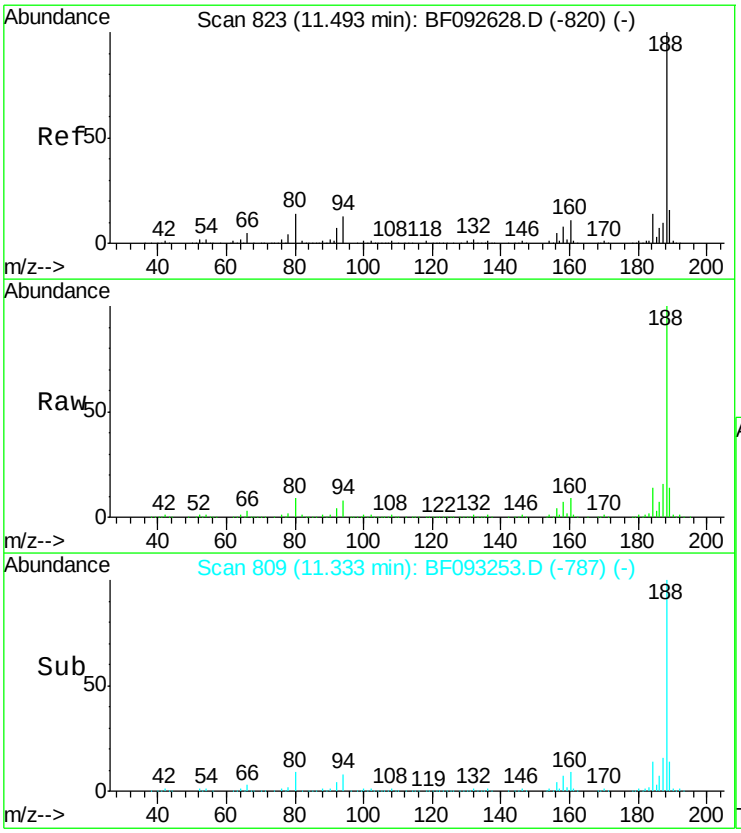
#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.24 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29818

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#

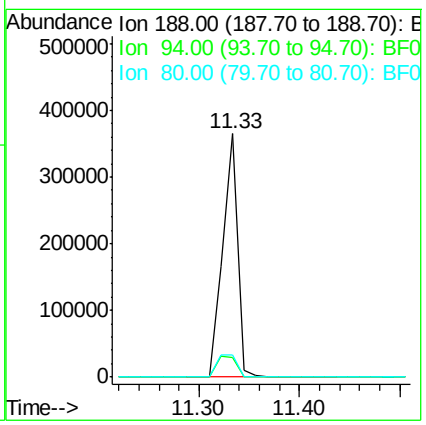


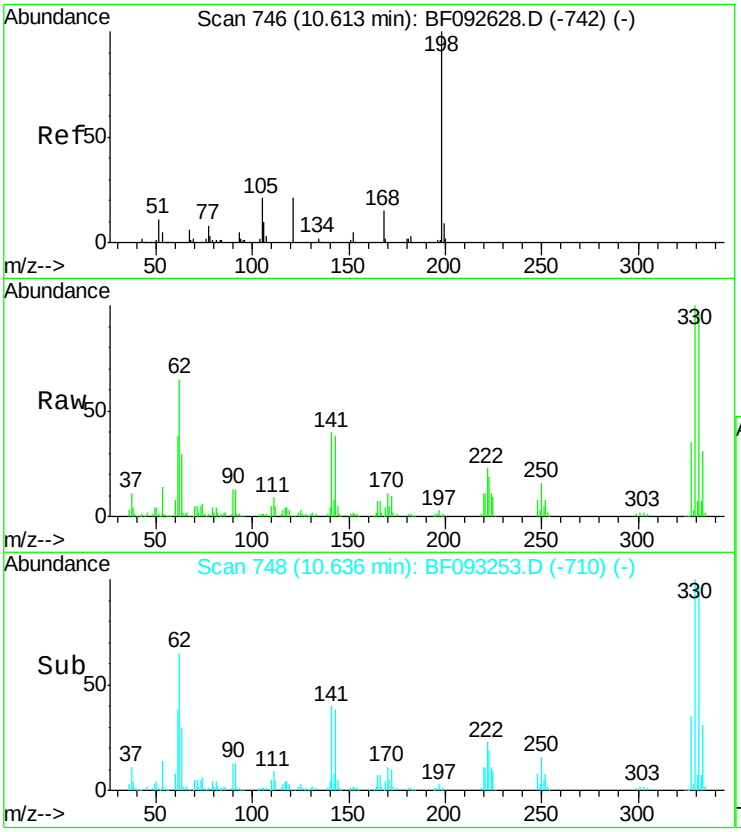


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion:188 Resp: 374651

Ion	Ratio	Lower	Upper
188	100		
94	8.1	10.0	15.0#
80	9.0	11.2	16.8#



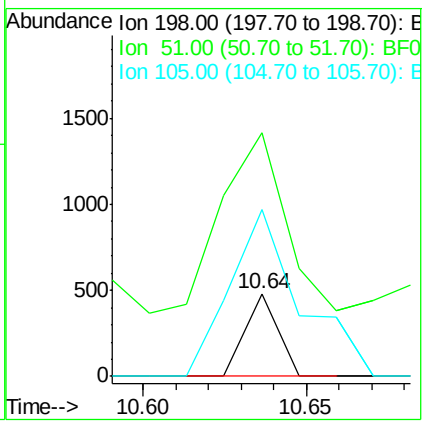


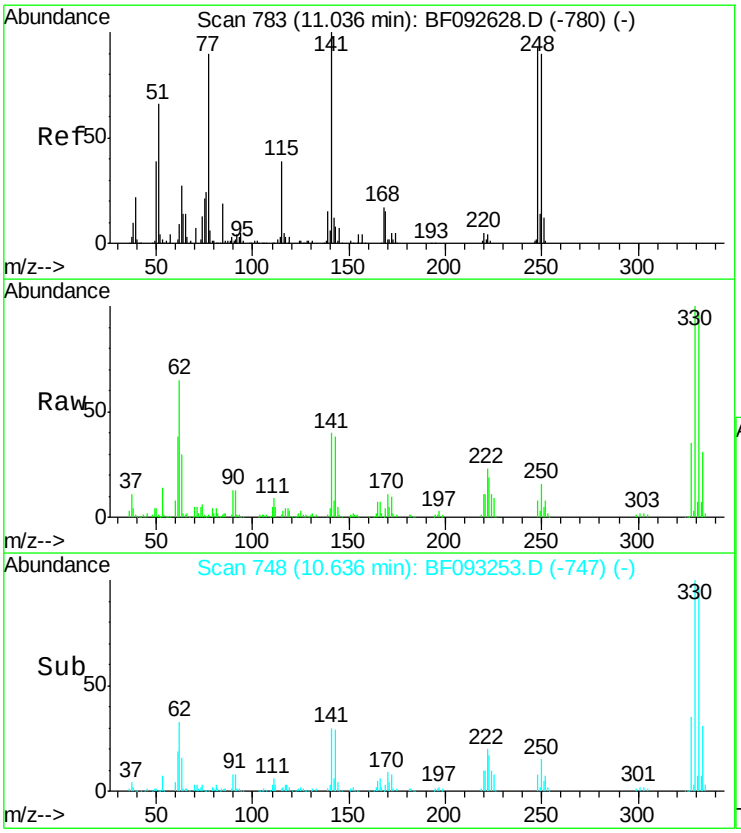
#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 330

Ion	Ratio	Lower	Upper
198	100		
51	294.4	6.7	46.7#
105	201.7	16.6	56.6#

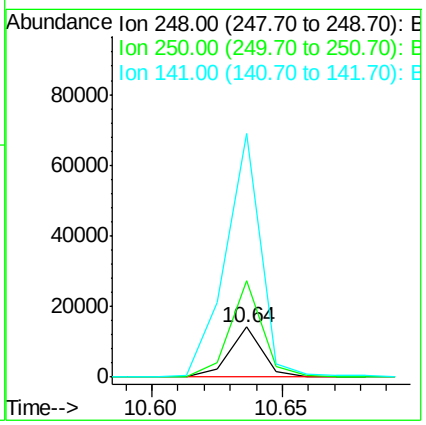


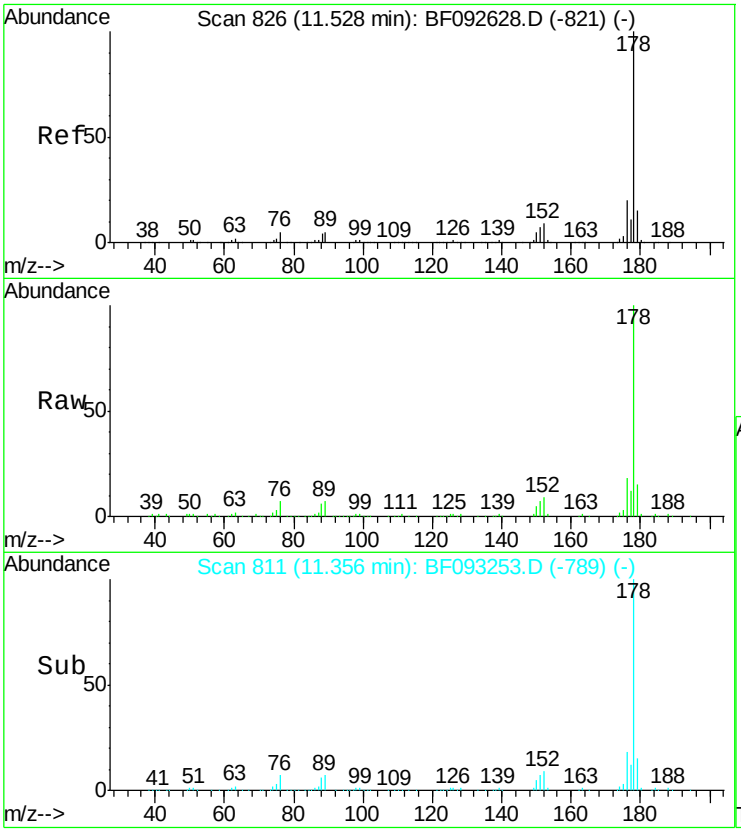


#66
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion:248 Resp: 12216

Ion	Ratio	Lower	Upper
248	100		
250	193.5	76.9	115.3#
141	487.4	68.2	102.4#



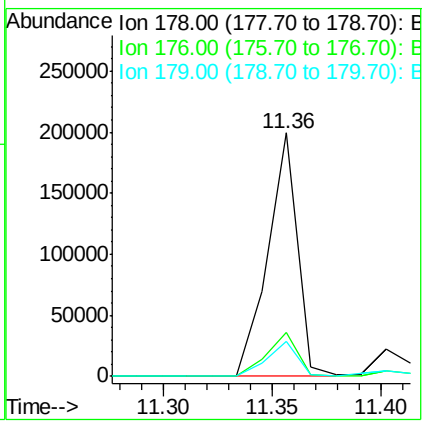


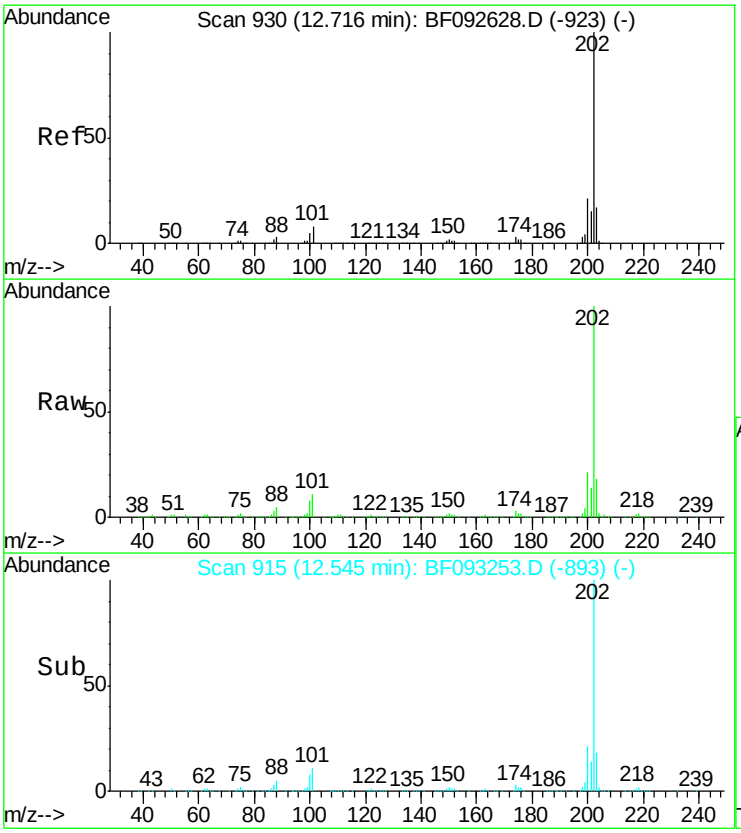
#70
Phenanthrene
Concen: 8.90 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 191090

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.6	25.0
179	14.6	12.8	19.2

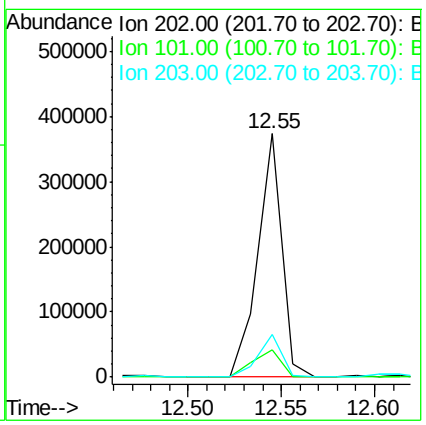


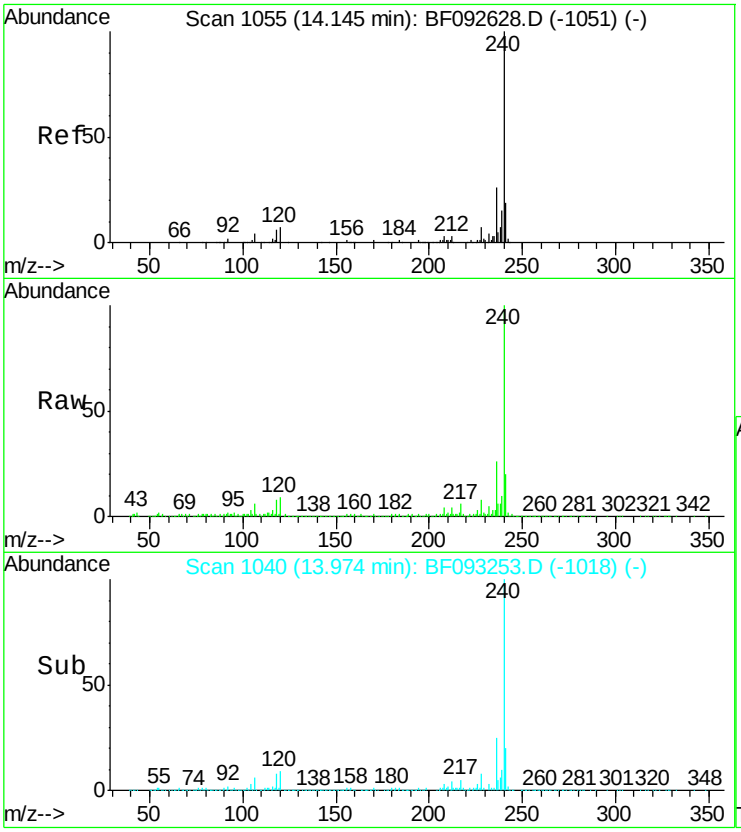


#74
Fluoranthene
Concen: 15.23 ng
RT: 12.55 min Scan# 915
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion:202 Resp: 337194

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.6
203	17.6	0.0	38.7



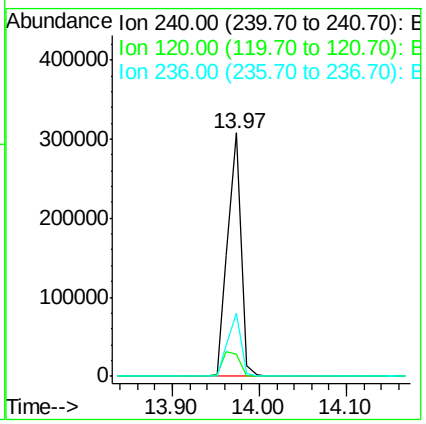


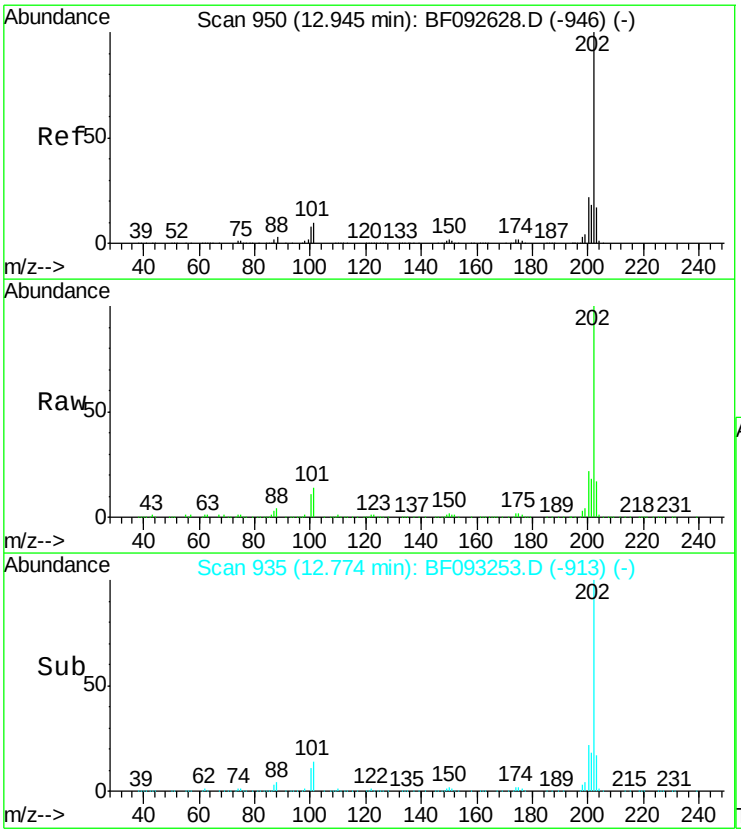
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 328348

Ion	Ratio	Lower	Upper
240	100		
120	9.2	12.9	19.3#
236	25.8	20.9	31.3

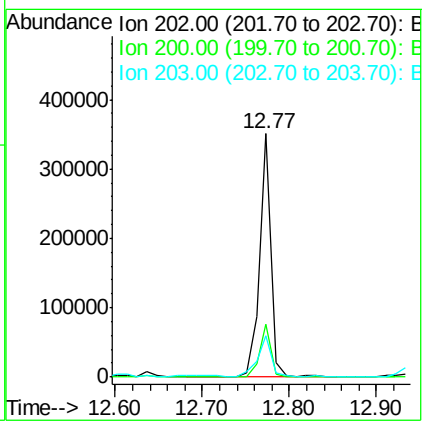


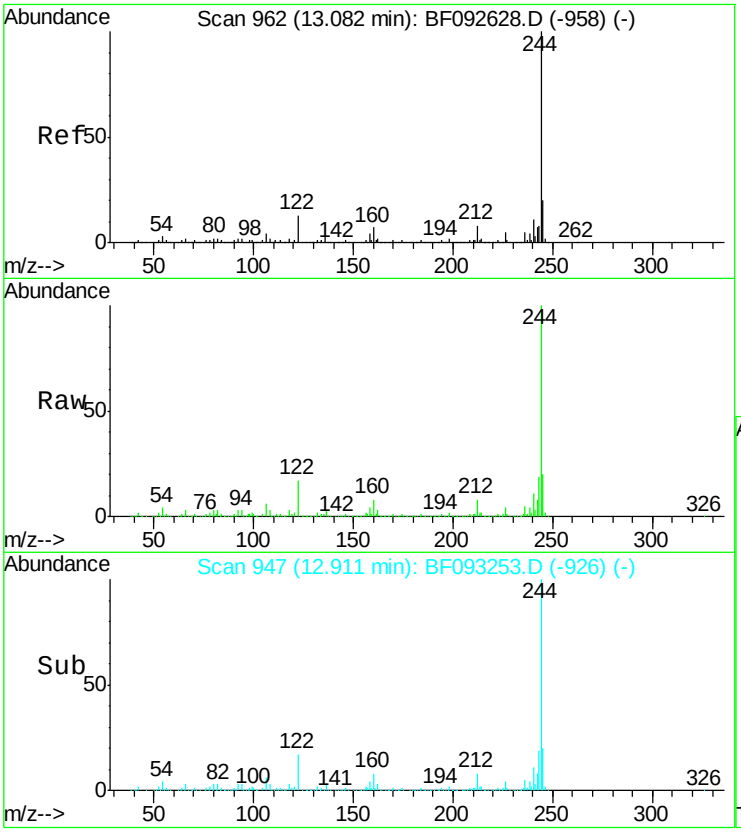


#77
Pyrene
Concen: 13.05 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion:202 Resp: 320650

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.1	14.7	22.1



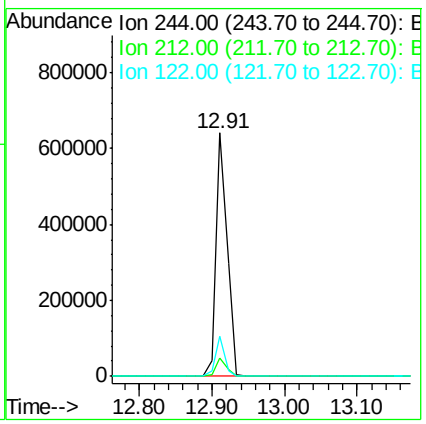


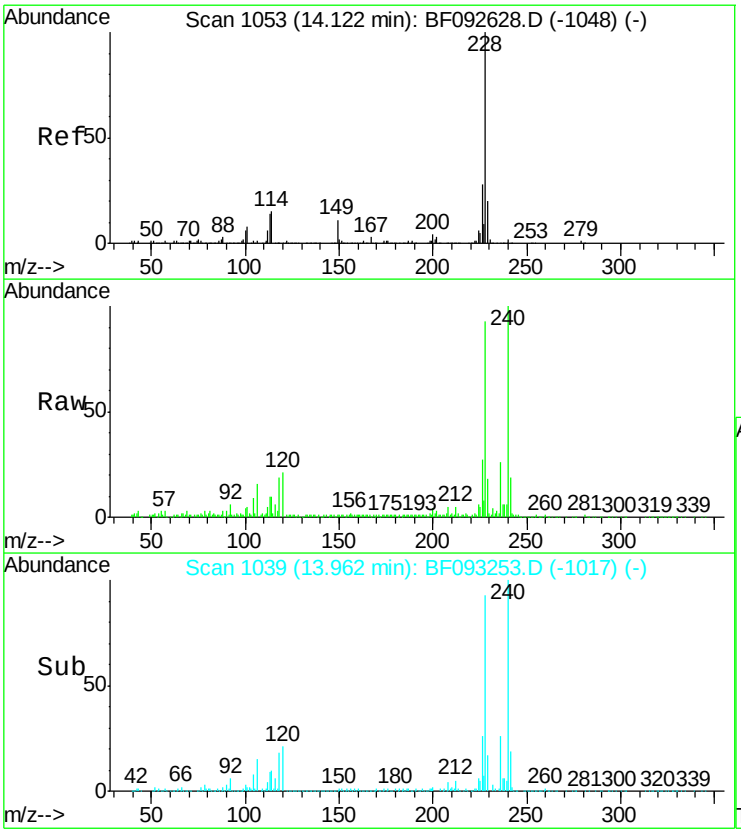
#78
Terphenyl-d14
Concen: 48.56 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.06 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 678536

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	16.5	11.4	17.2

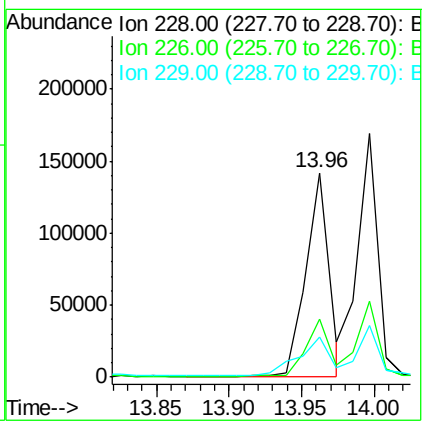


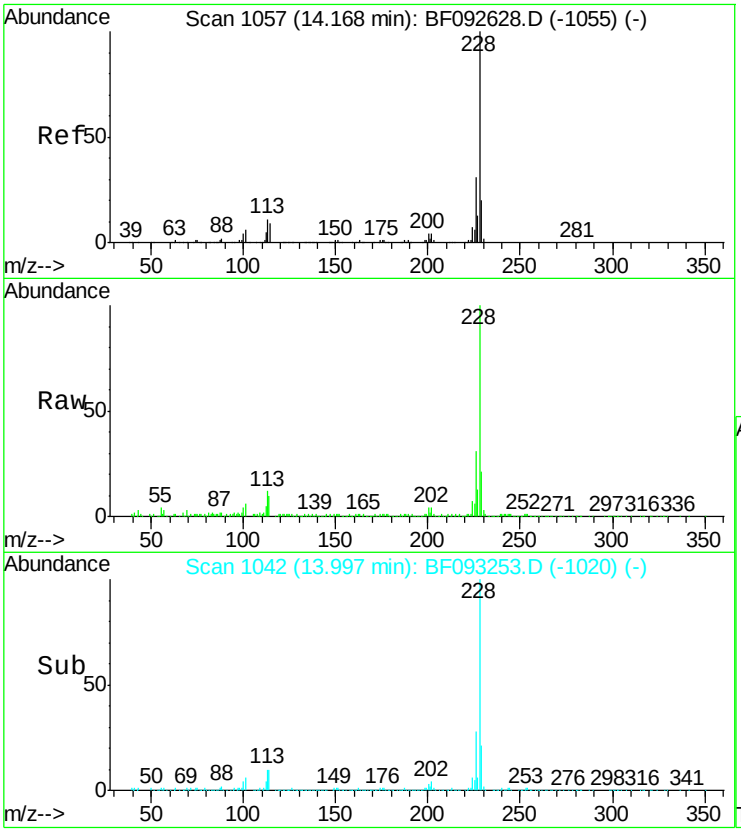


#80
Benzo(a)anthracene
Concen: 7.79 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion:228 Resp: 156357

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.4	33.6
229	19.4	16.2	24.4



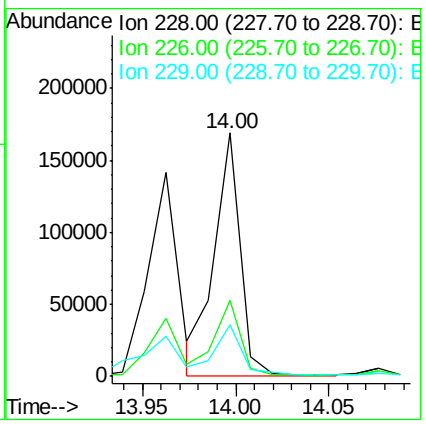


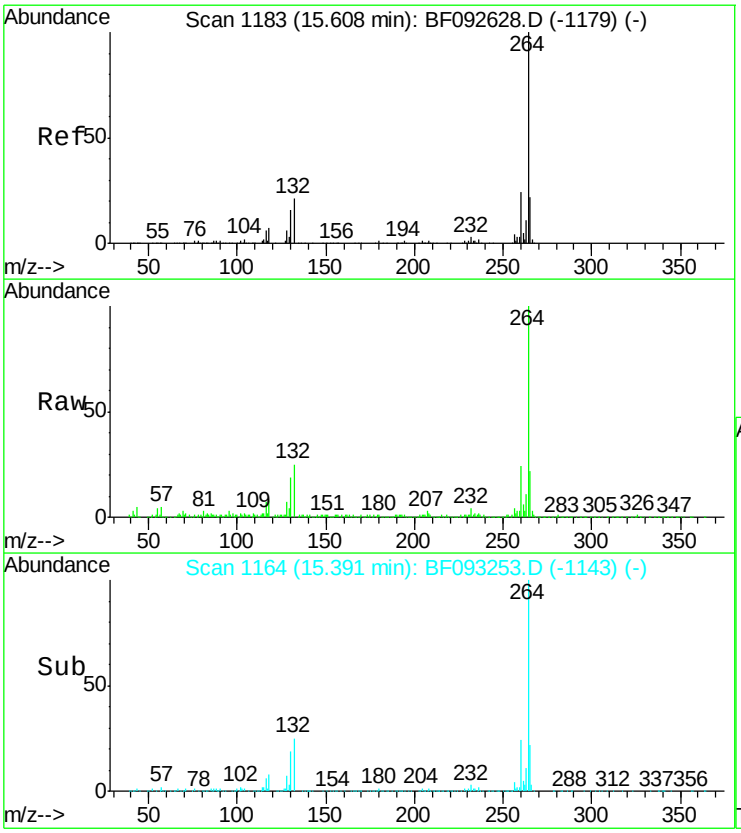
#82
Chrysene
Concen: 8.60 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 161703

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	21.4	16.2	24.2

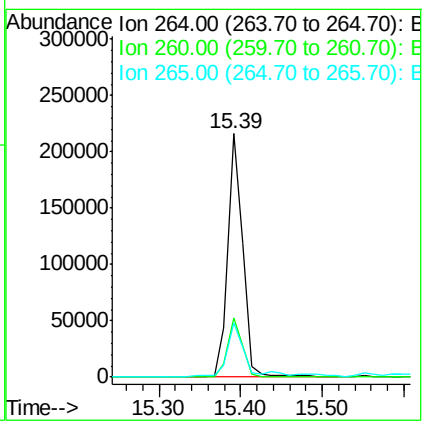


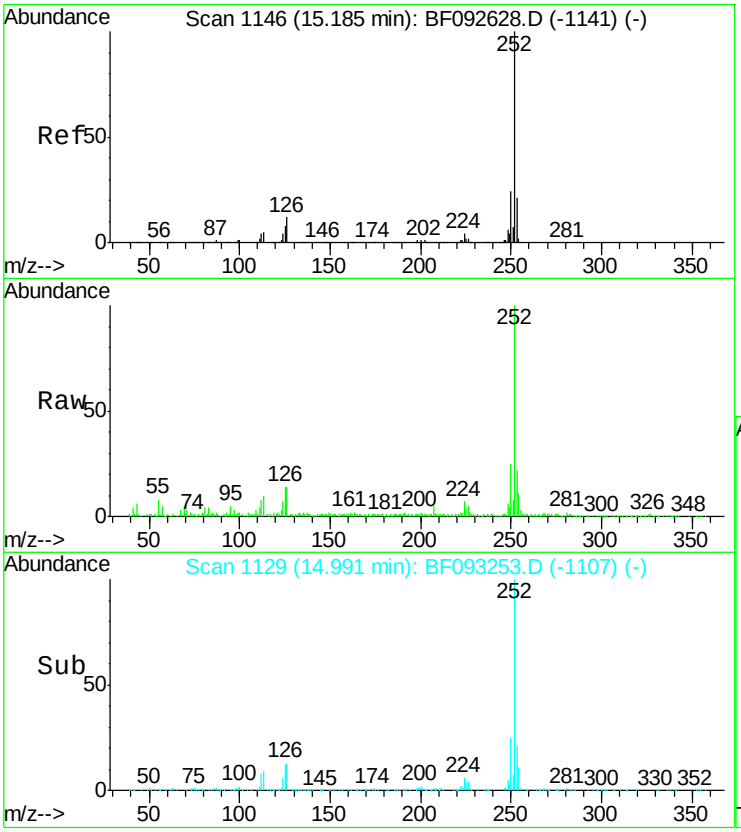


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion:264 Resp: 270798

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.3	17.4	26.0



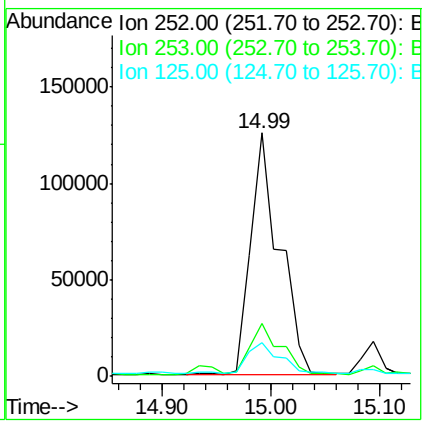


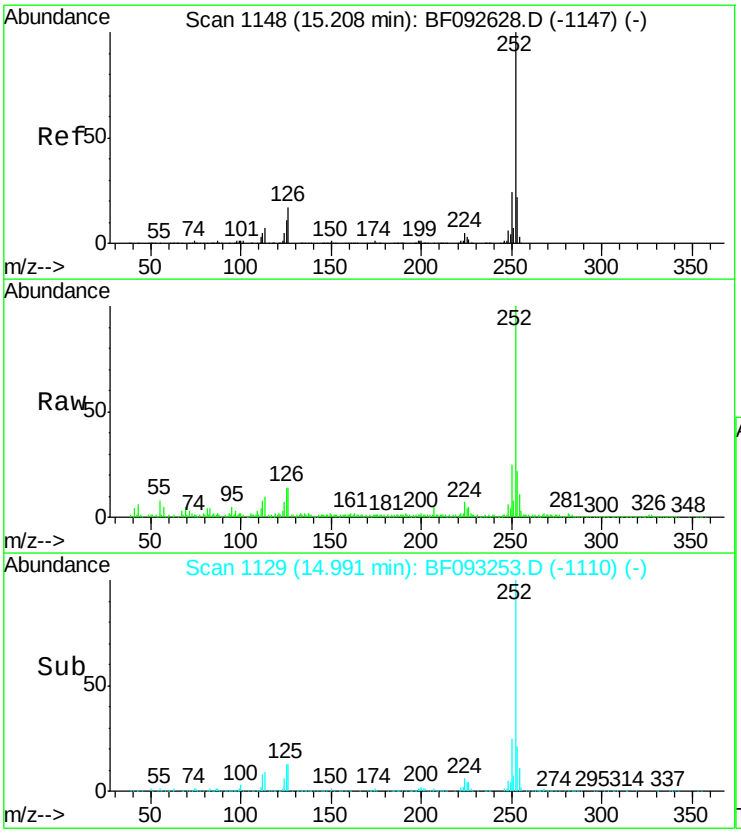
#87
Benzo(b)fluoranthene
Concen: 13.07 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 233012

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	13.7	9.8	14.6

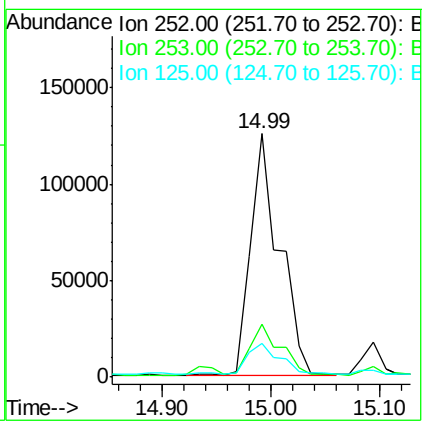


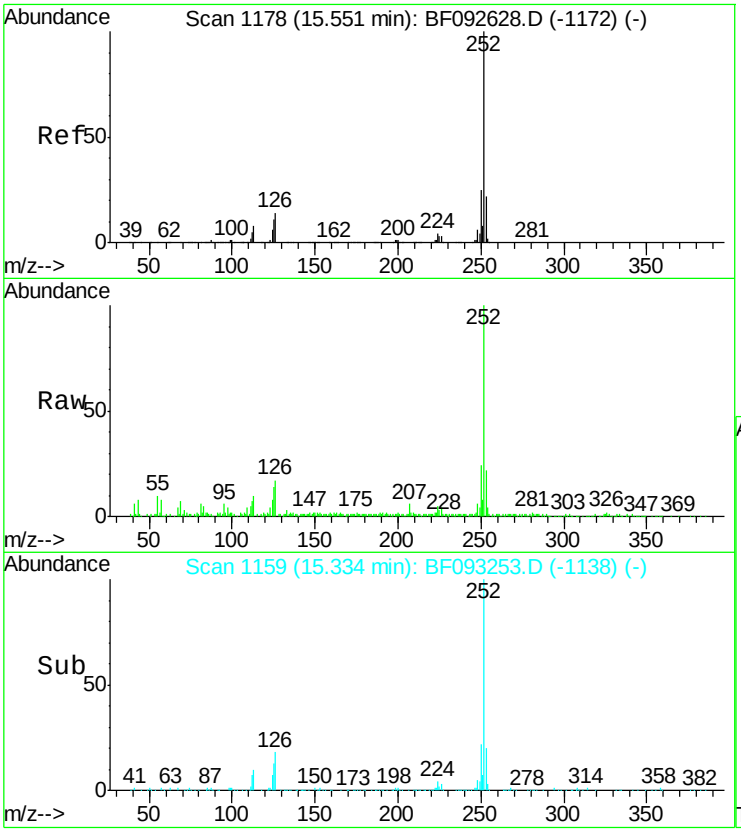


#88
Benzo(k)fluoranthene
Concen: 15.14 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.08 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion:252 Resp: 233012

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	13.7	8.9	13.3#



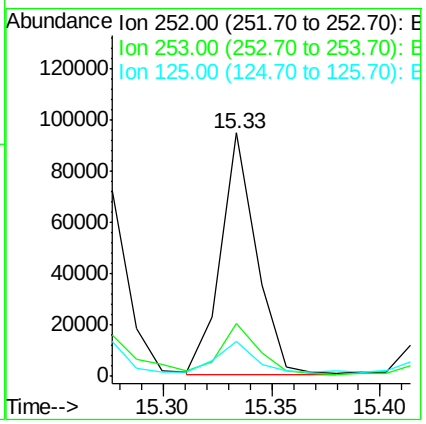


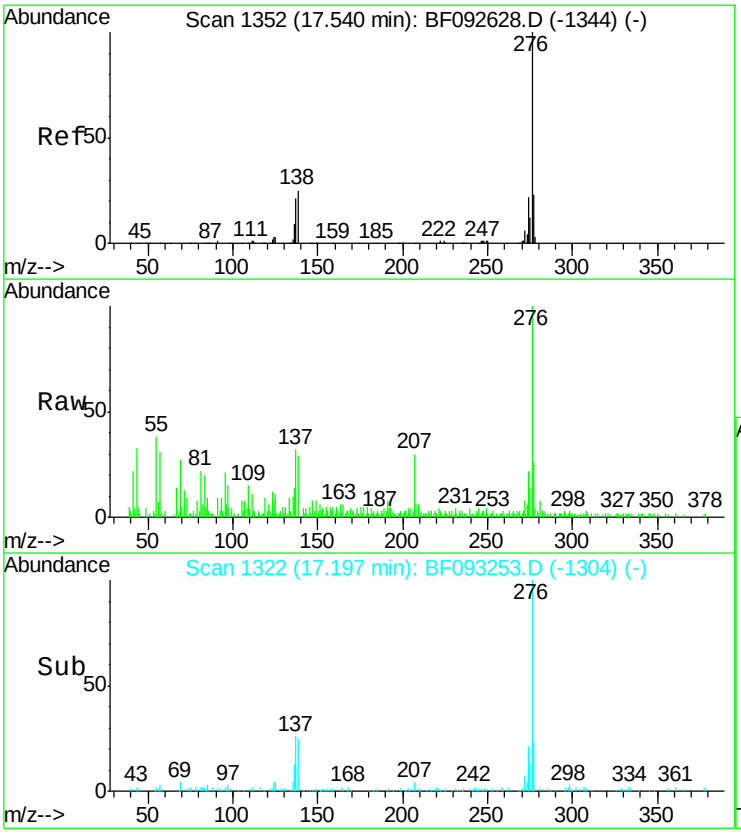
#89
Benzo(a)pyrene
Concen: 6.89 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 106202

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	14.4	10.0	15.0





#91
Benzo(g,h,i)perylene
Concen: 3.78 ng
RT: 17.20 min Scan# 1322
Delta R.T. -0.09 min
Lab File: BF093253.D
Acq: 28 Feb 2017 17:23

Tgt Ion:276 Resp: 47574

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.2	28.8
138	29.5	16.0	24.0#