Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

Quantitation Report (Not Reviewed)

Data File : BF093259.D
Acq On : 28 Feb 2017 20:11
Operator : SJ/MA
Sample : I2017-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK3-9-20170227

Quant Time: Mar 01 02:18:26 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	143083	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	528845	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	225014	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	356744	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	302973	20.00	ng		-0.05
86) Perylene-d12	15.40	264	202206	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	942890	113.06	ng		-0.03
7) Phenol-d6	6.46	99	1125794	104.91	ng		-0.02
23) Nitrobenzene-d5	7.38	82	717126	75.51	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	188063	115.56	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	1174372	94.55	ng		-0.05
78) Terphenyl-d14	12.92	244	917817	71.18	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.48	94	92602	7.38	ng		80
19) n-Nitroso-di-n-propylamine	7.38	70	96248	14.09	ng	#	82
25) Isophorone	7.38	82	596344	33.70	ng	#	65
49) Dimethylphthalate	9.57	163	65728	4.34	ng		99
50) 2,6-Dinitrotoluene	9.85	165	28738	8.78	ng	#	31
56) 2,4-Dinitrotoluene	9.85	165	28738	6.59	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.64	198	257	2.78	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	13169	3.53	ng	#	1
70) Phenanthrene	11.36	178	101913	4.99	ng		96
74) Fluoranthene	12.54	202	140539	6.67	ng		99
77) Pyrene	12.77	202	156259	6.89	ng		99
80) Benzo(a)anthracene	13.96	228	83786	4.52	ng		95
82) Chrysene	14.00	228	69058	3.98	ng		98
87) Benzo(b)fluoranthene	14.99	252	73662	5.53	ng	#	93
88) Benzo(k)fluoranthene	14.99	252	73662	6.41	ng	#	92
89) Benzo(a)pyrene	15.35	252	37154	3.23	ng	#	92

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

Quantitation Report (Not Reviewed)

Data File : BF093259.D
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Sample : I2017-12
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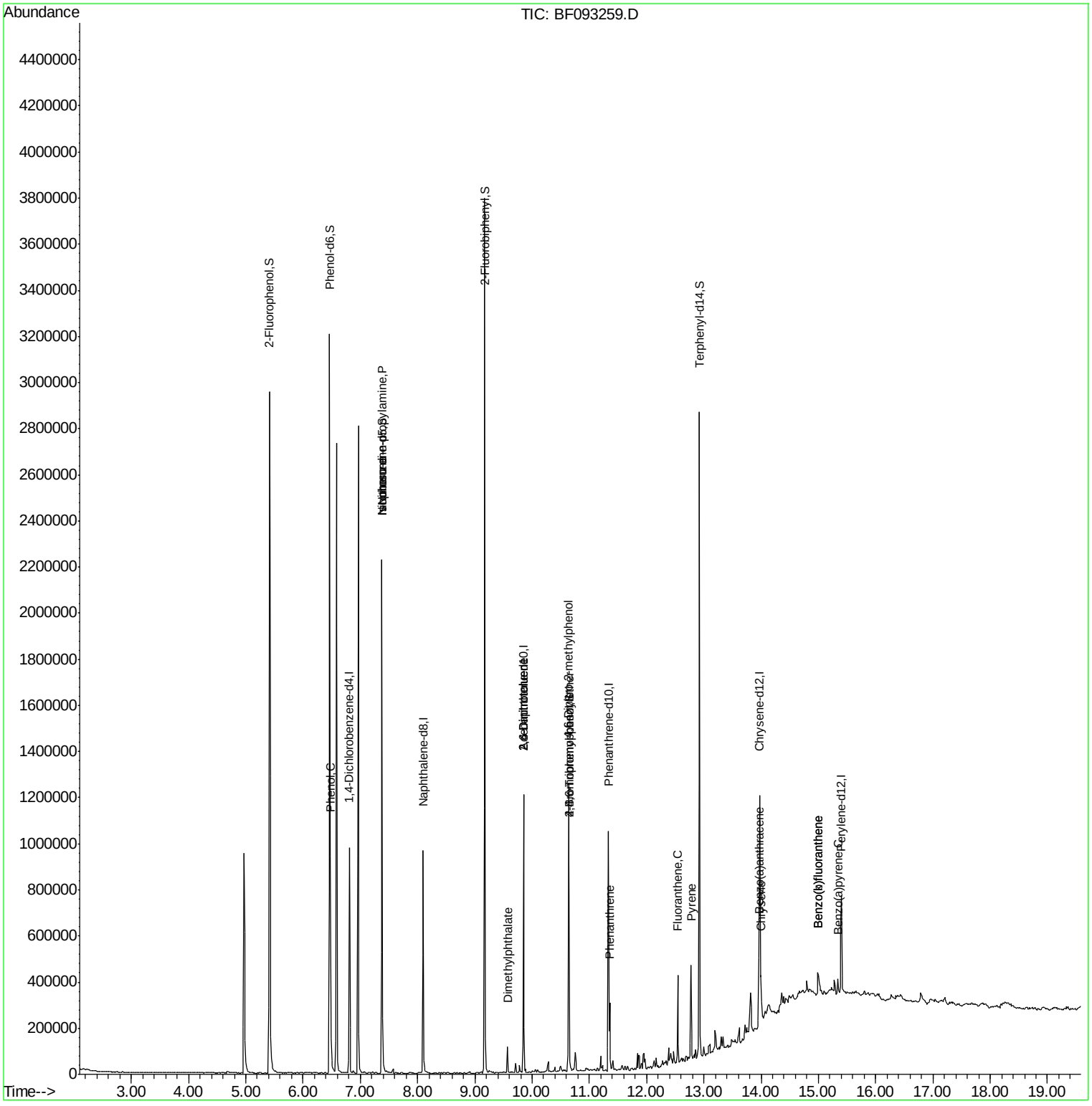
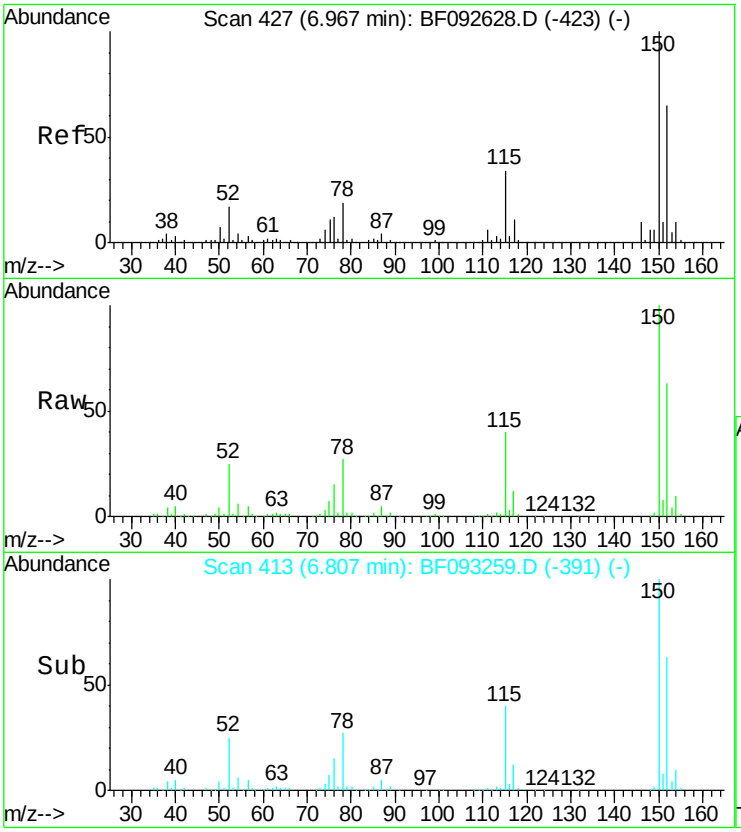


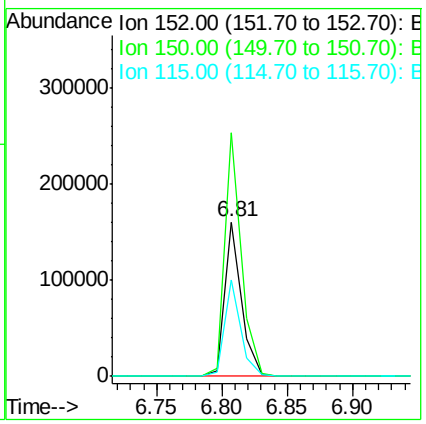


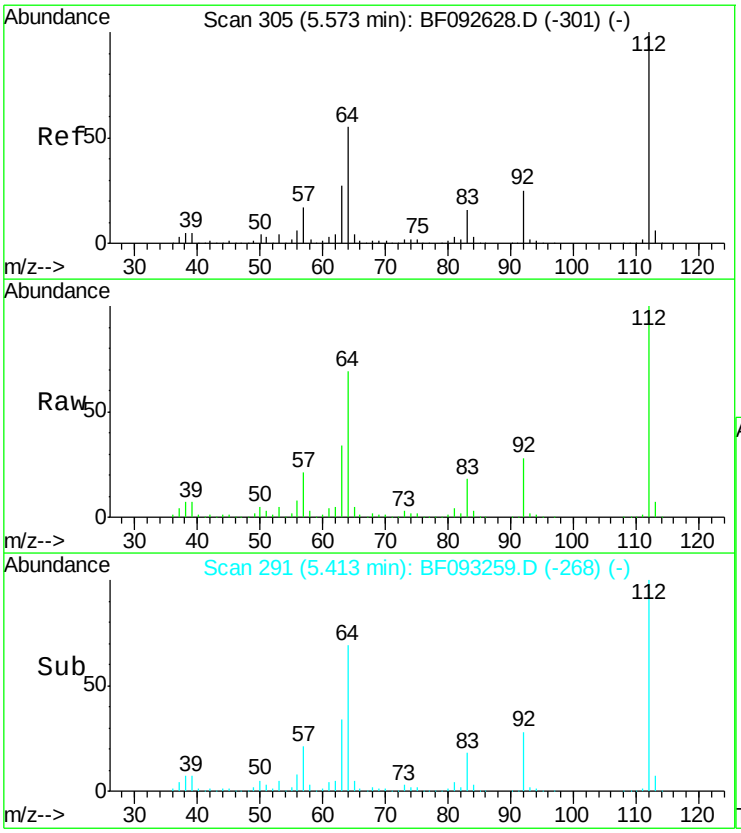
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion:152 Resp: 143083

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.9	187.3
115	62.8	46.0	69.0

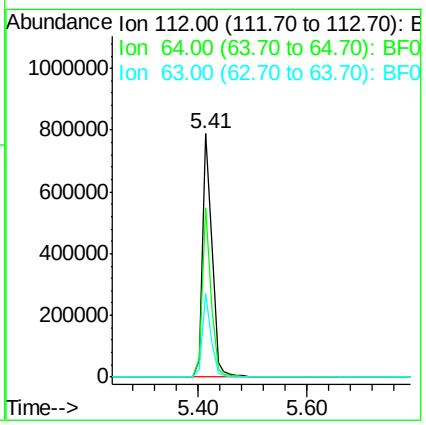


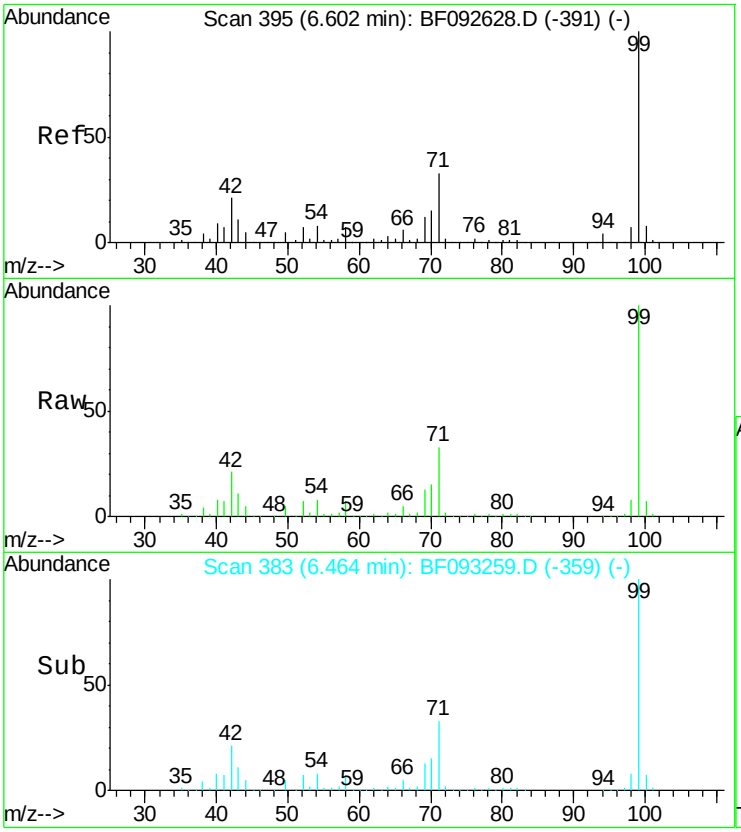


#5
2-Fluorophenol
Concen: 113.06 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion:112 Resp: 942890

Ion	Ratio	Lower	Upper
112	100		
64	69.4	46.1	69.1#
63	34.2	23.8	35.6



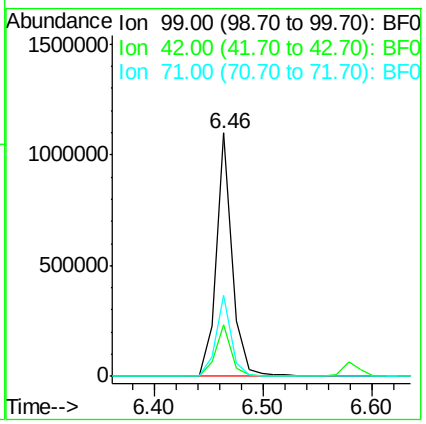


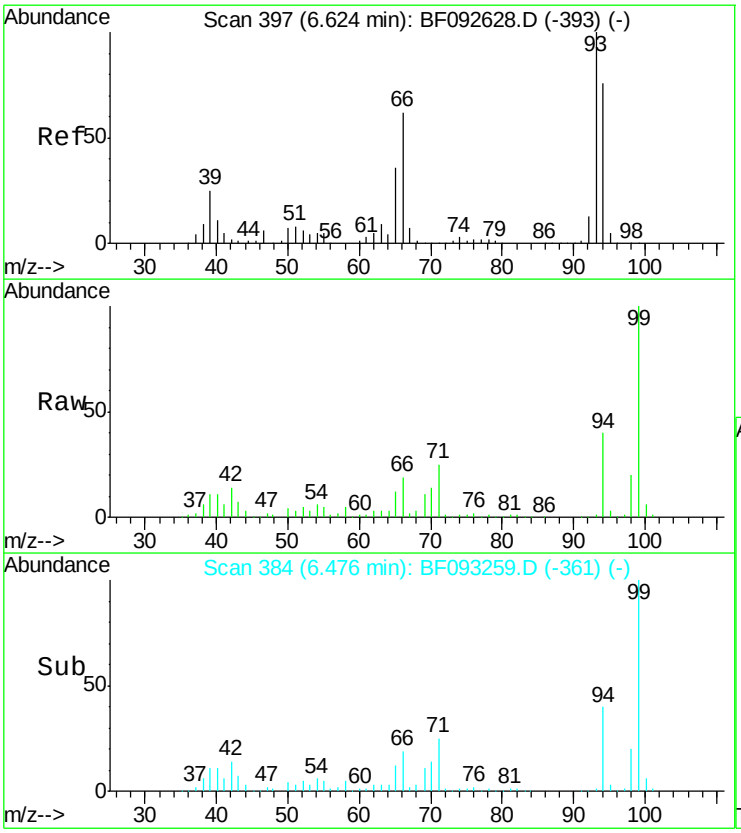
#7
Phenol-d6
Concen: 104.91 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion: 99 Resp: 1125794

Ion	Ratio	Lower	Upper
99	100		
42	21.1	15.6	23.4
71	33.4	27.5	41.3

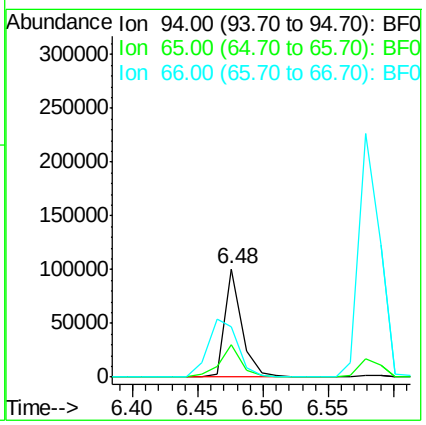


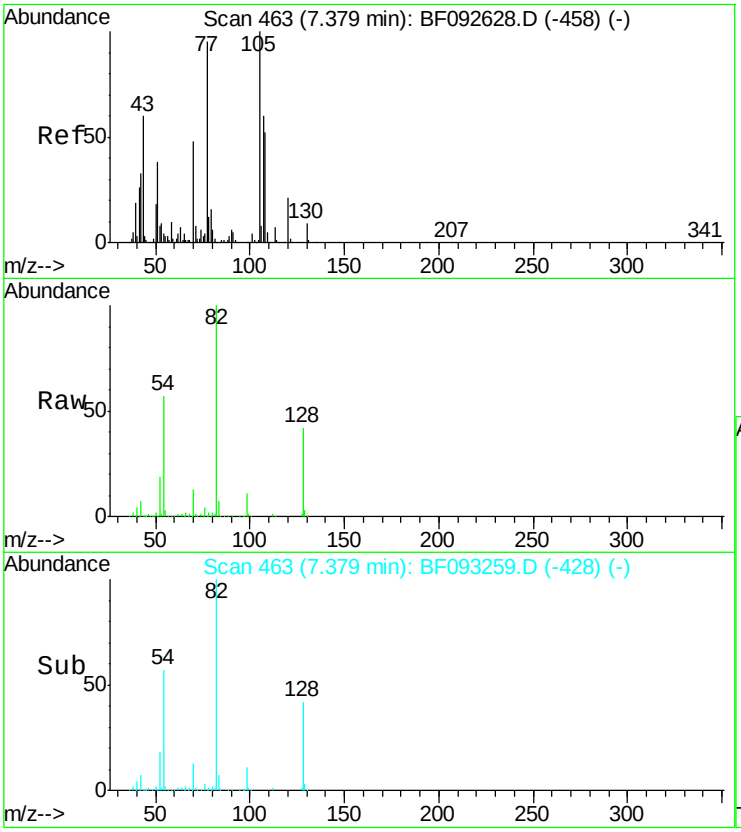


#10
Phenol
Concen: 7.38 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion: 94 Resp: 92602

Ion	Ratio	Lower	Upper
94	100		
65	30.2	21.4	61.4
66	46.7	44.0	84.0



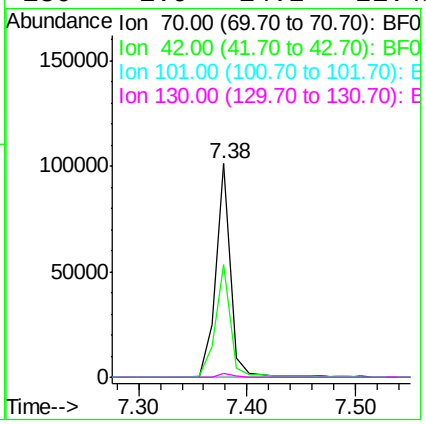


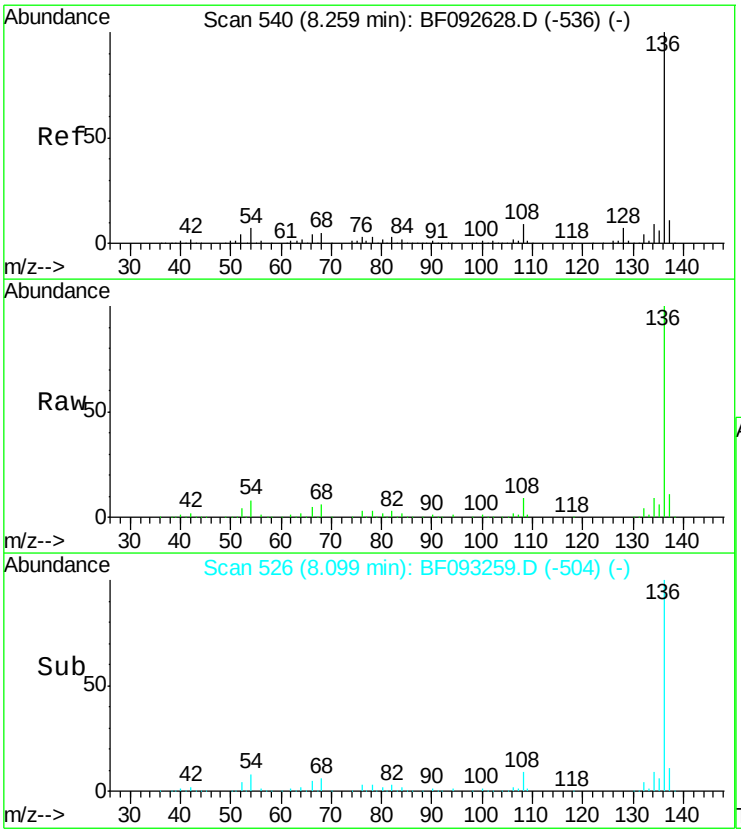
#19
n-Nitroso-di-n-propylamine
Concen: 14.09 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion: 70 Resp: 96248

Ion	Ratio	Lower	Upper
70	100		
42	52.9	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

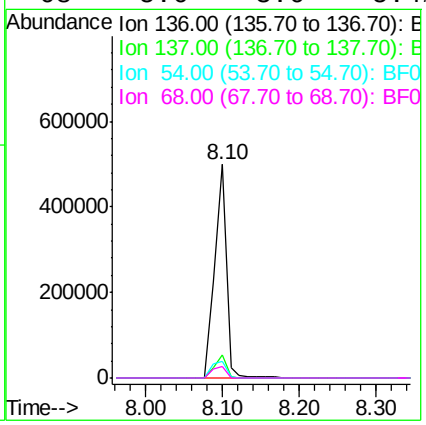


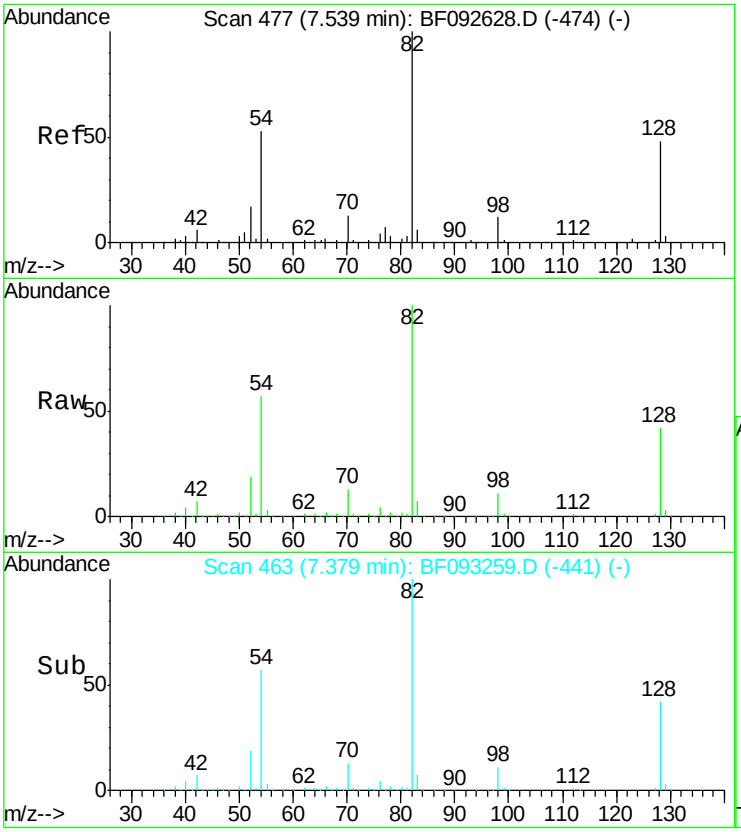


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion:136 Resp: 528845

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.9	4.5	6.7#
68	5.6	3.6	5.4#



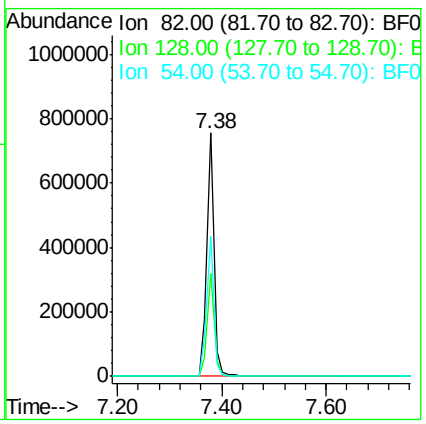


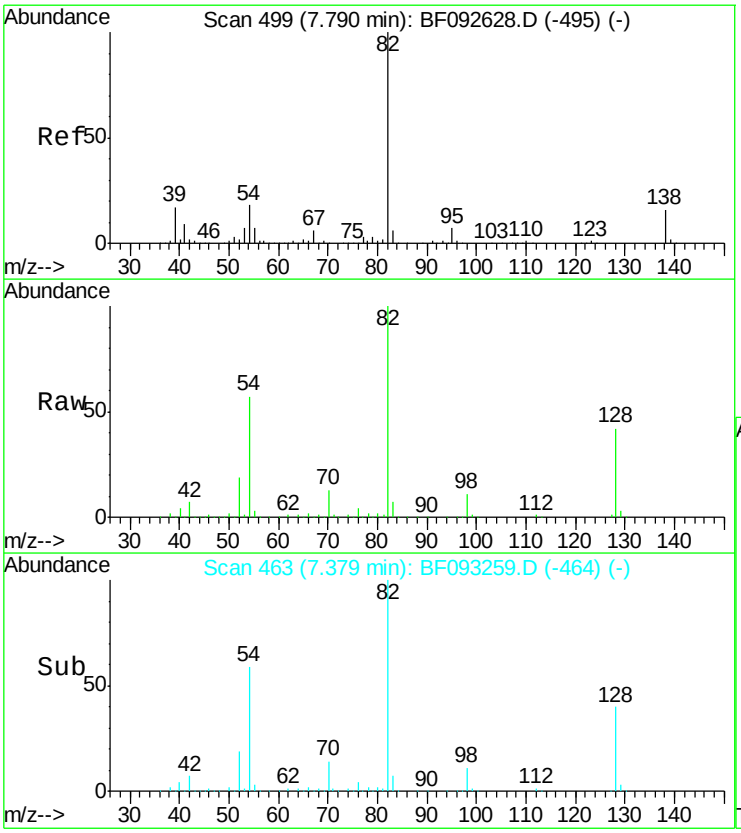
#23
Nitrobenzene-d5
Concen: 75.51 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion: 82 Resp: 717126

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	57.4	39.5	59.3

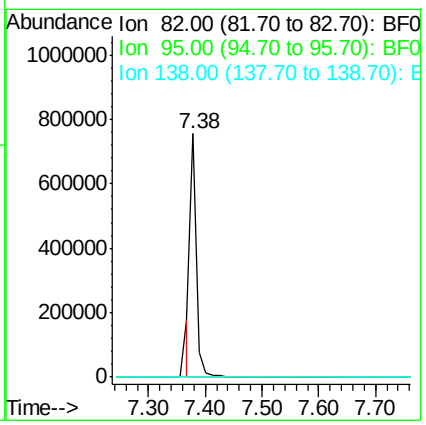


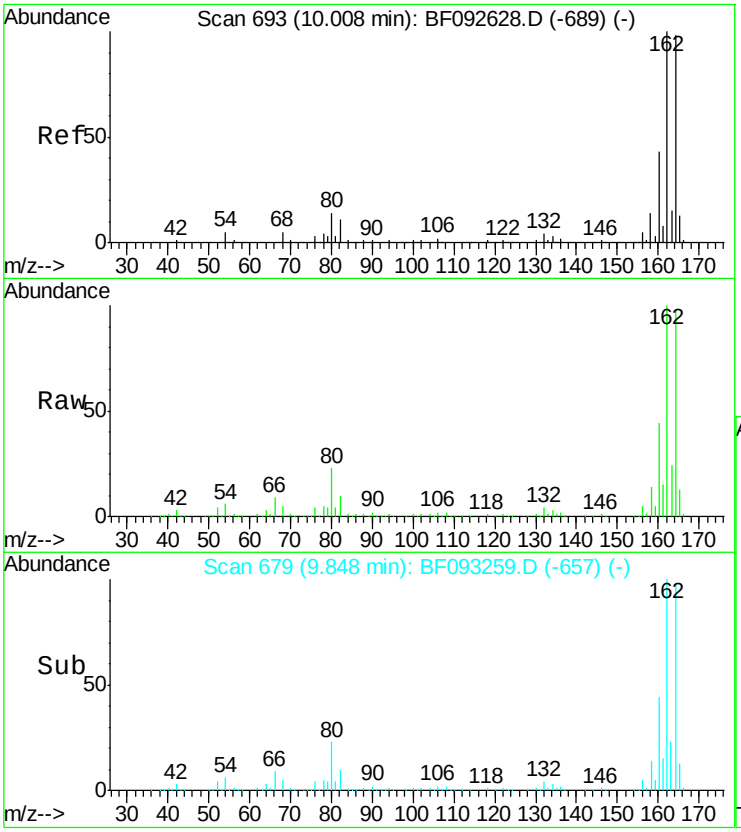


#25
Isophorone
Concen: 33.70 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion: 82 Resp: 596344

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



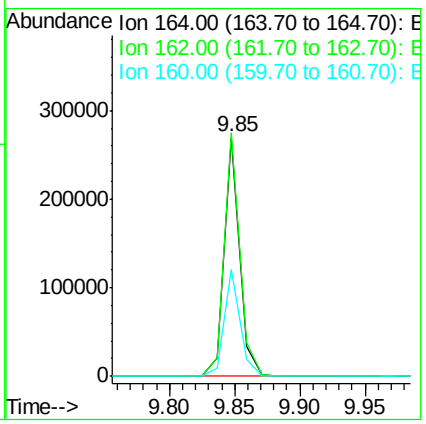


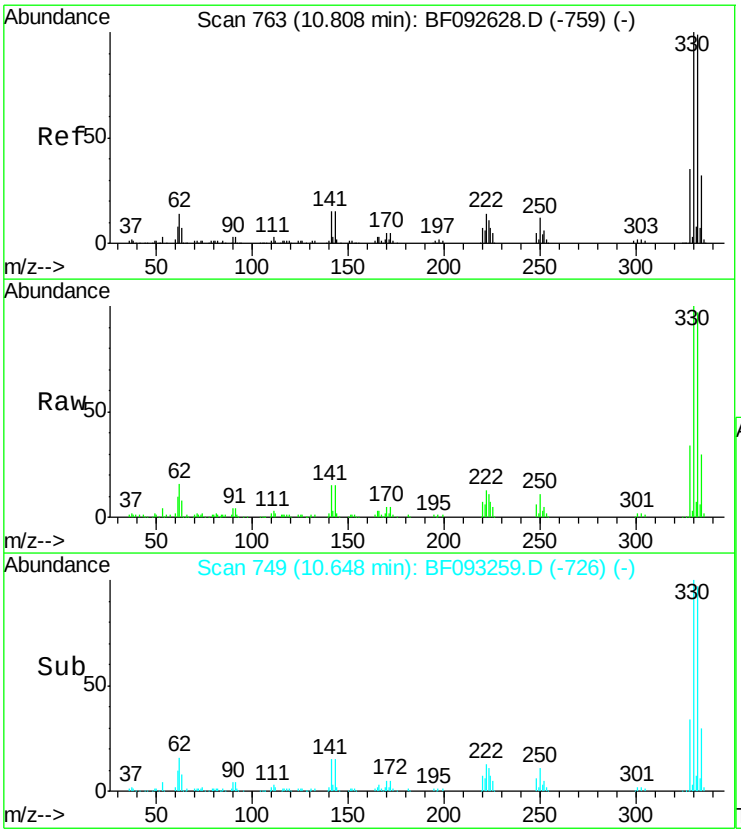
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion:164 Resp: 225014

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	44.7	36.9	55.3

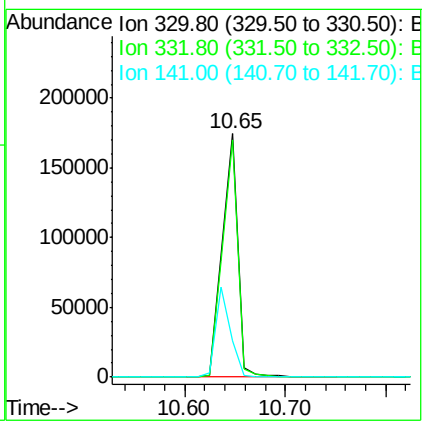


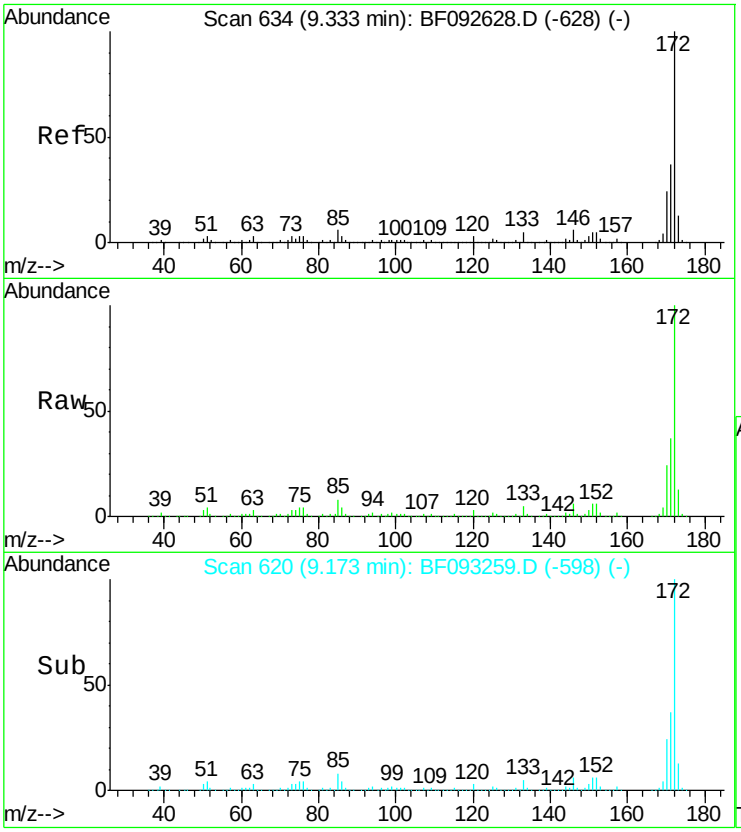


#41
2,4,6-Tribromophenol
Concen: 115.56 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion:330 Resp: 188063

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	35.4	34.1	51.1



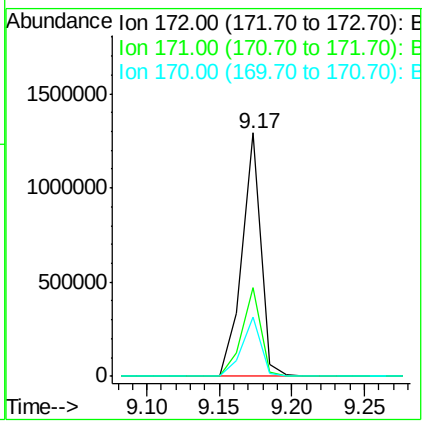


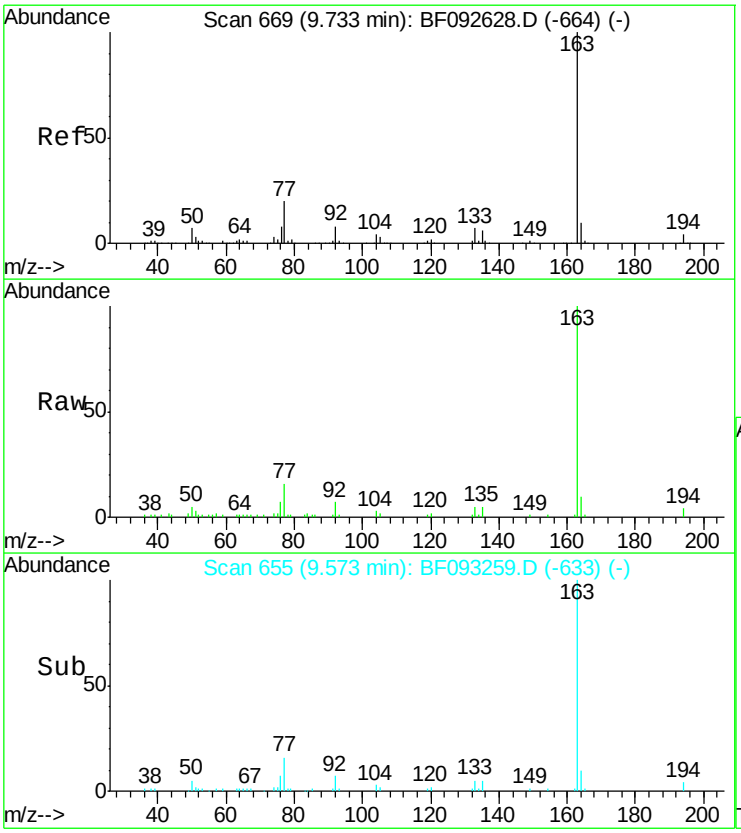
#44
2-Fluorobiphenyl
Concen: 94.55 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion:172 Resp: 1174372

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.4	20.2	30.4

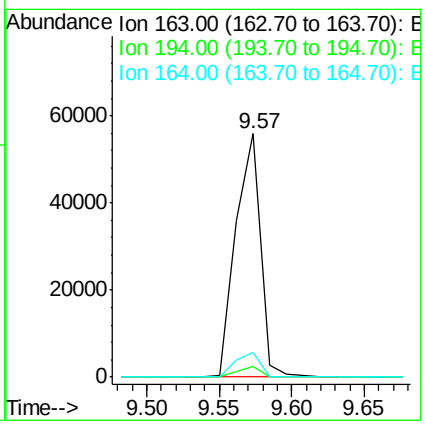


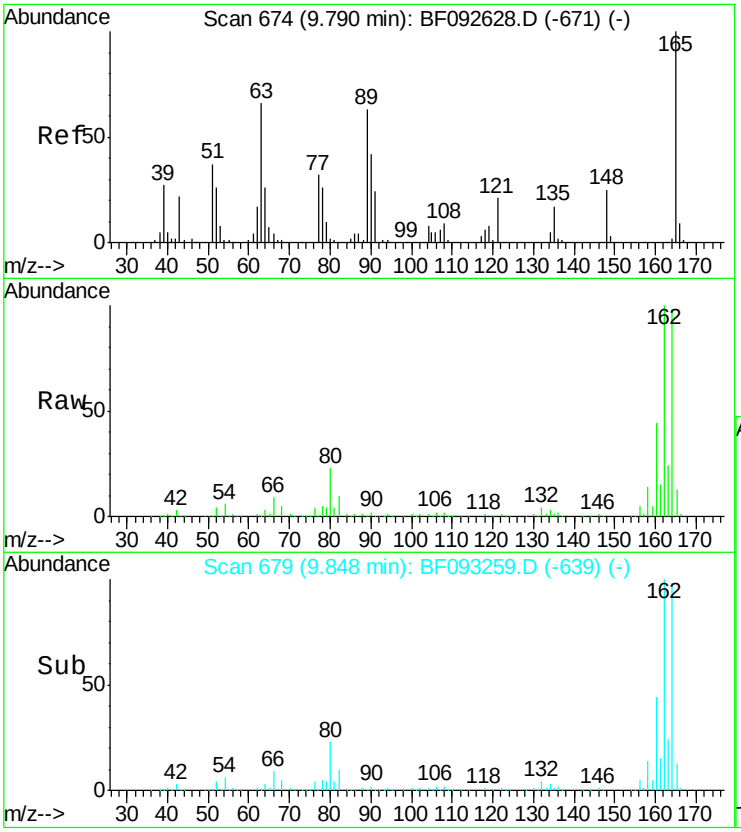


#49
Dimethylphthalate
Concen: 4.34 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion:163 Resp: 65728

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	10.4	8.0	12.0



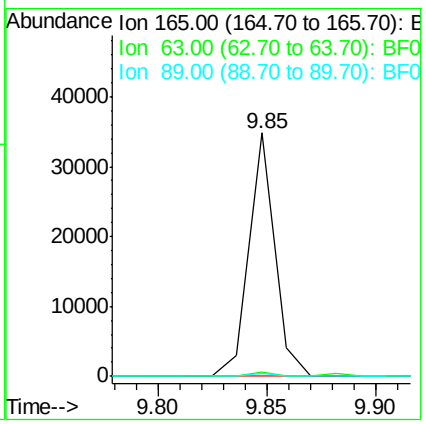


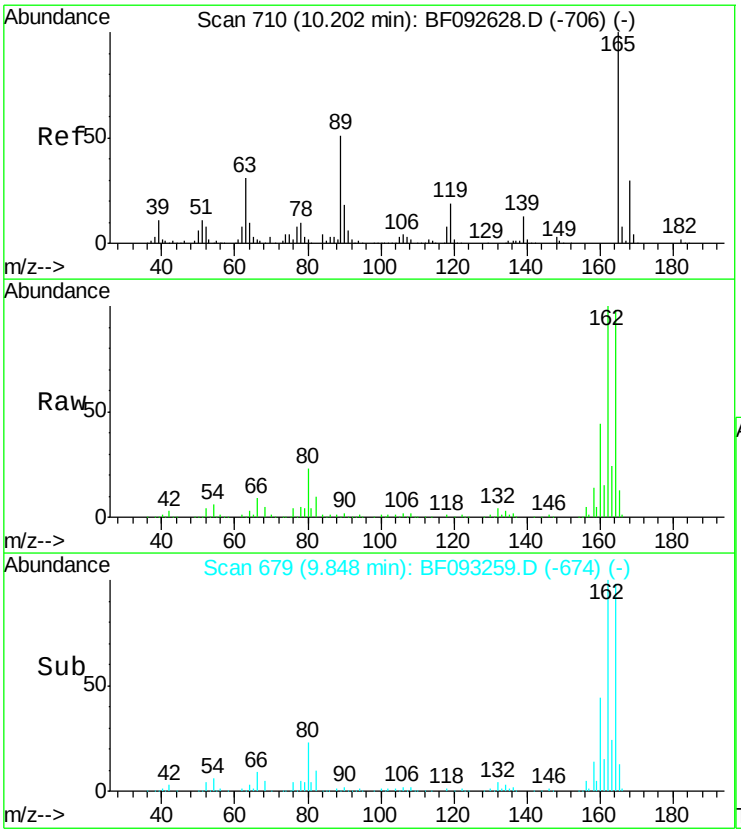
#50
2,6-Dinitrotoluene
Concen: 8.78 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.16 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion:165 Resp: 28738

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.2	54.4#
89	1.3	40.2	60.4#

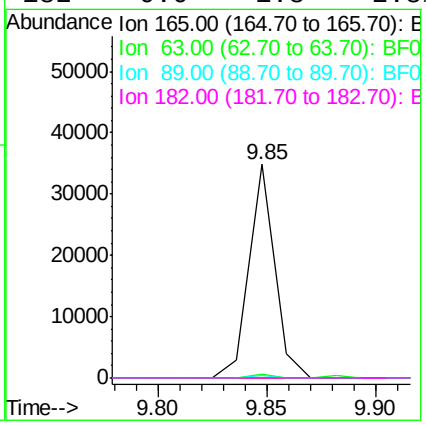


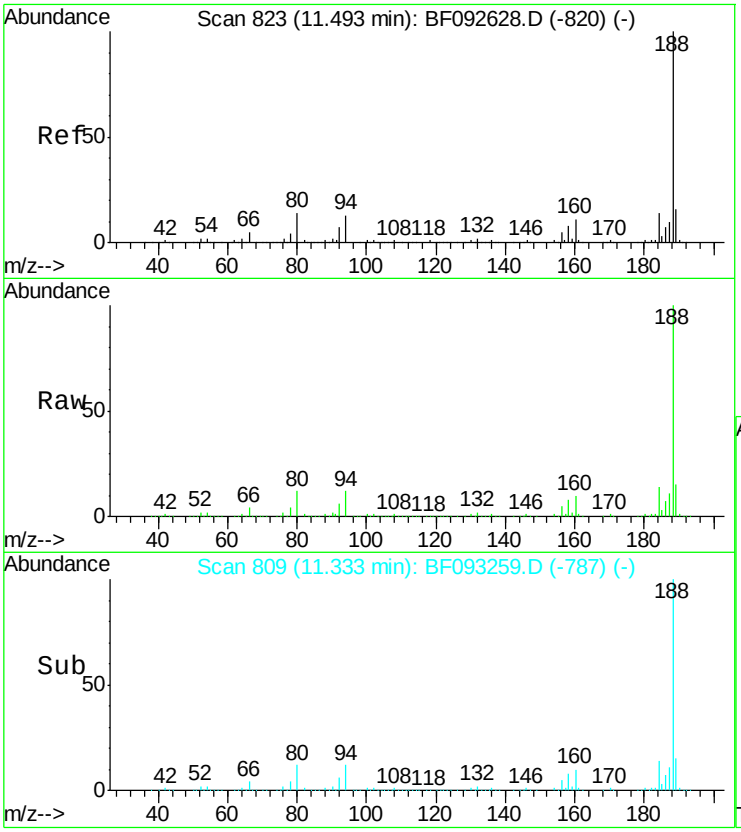


#56
2,4-Dinitrotoluene
Concen: 6.59 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.24 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion:165 Resp: 28738

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#



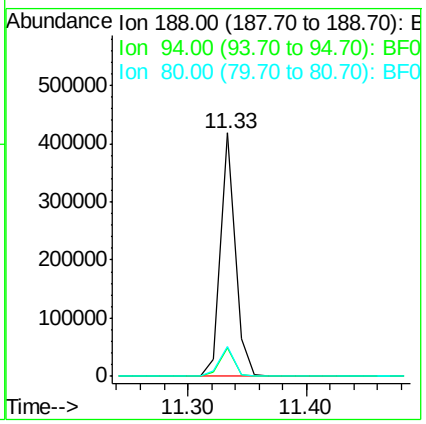


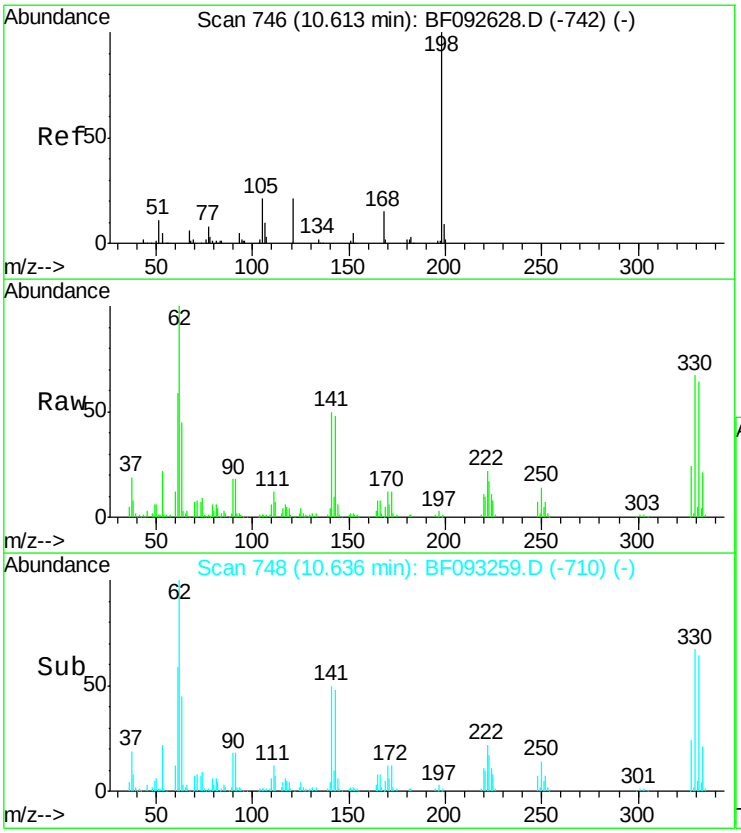
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion:188 Resp: 356744

Ion	Ratio	Lower	Upper
188	100		
94	11.6	10.0	15.0
80	12.0	11.2	16.8

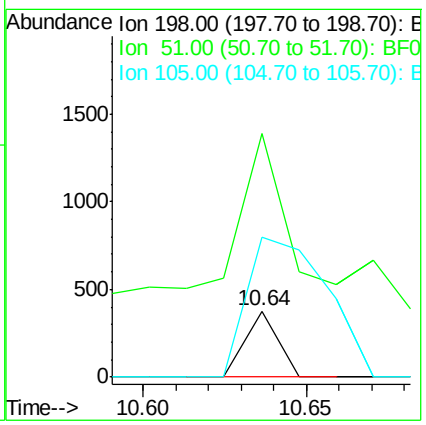


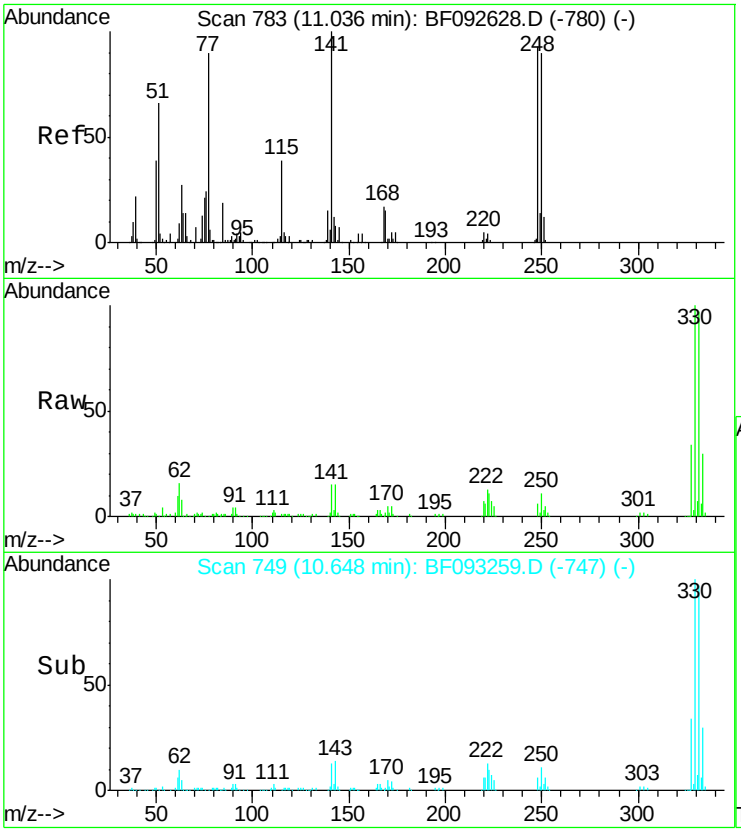


#64
4,6-Dinitro-2-methylphenol
Concen: 2.78 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion:198 Resp: 257

Ion	Ratio	Lower	Upper
198	100		
51	370.4	6.7	46.7#
105	212.8	16.6	56.6#



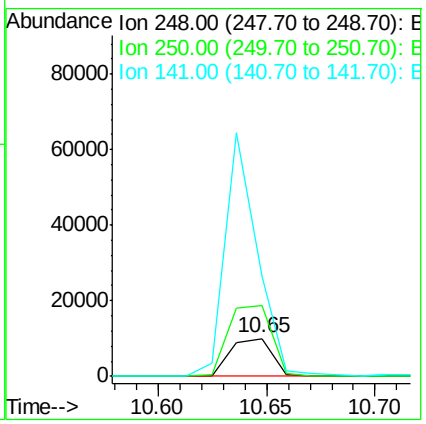


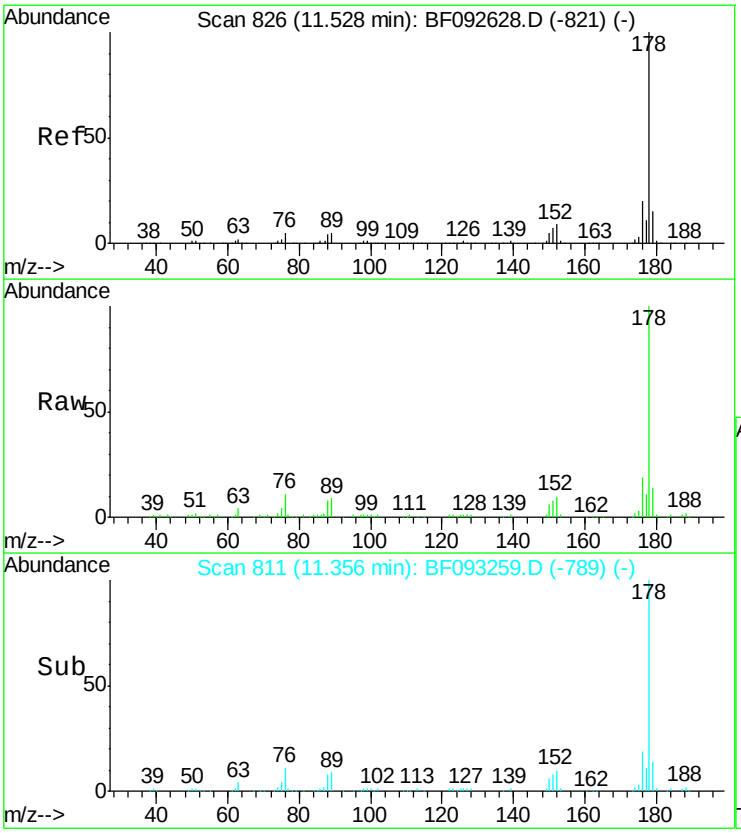
#66
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion:248 Resp: 13169

Ion	Ratio	Lower	Upper
248	100		
250	188.8	76.9	115.3#
141	265.8	68.2	102.4#

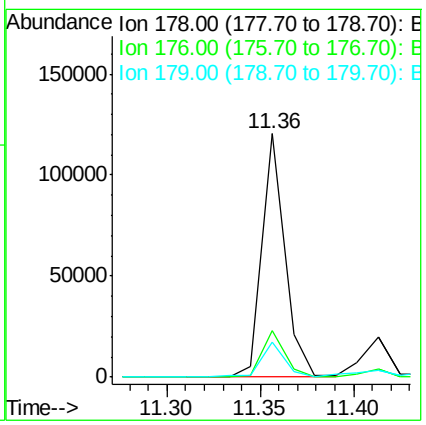


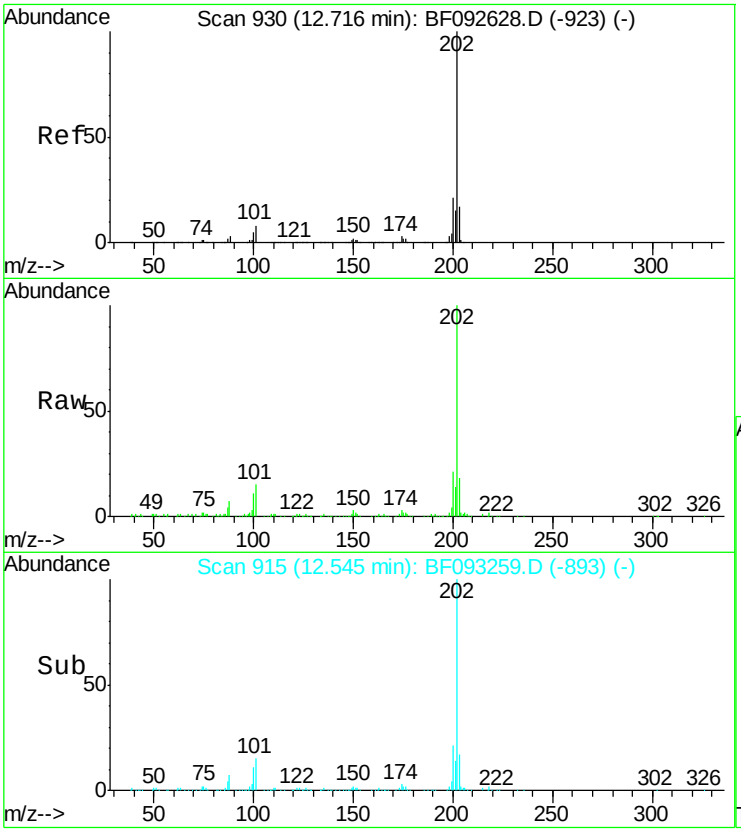


#70
Phenanthrene
Concen: 4.99 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion:178 Resp: 101913

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.6	25.0
179	14.4	12.8	19.2



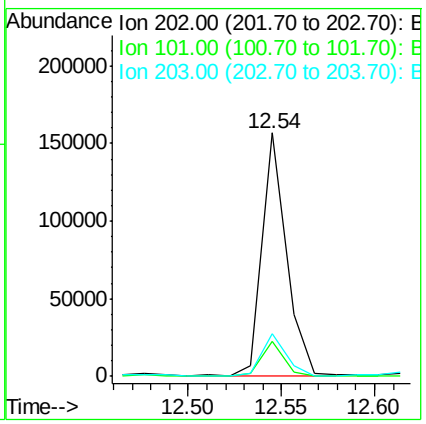


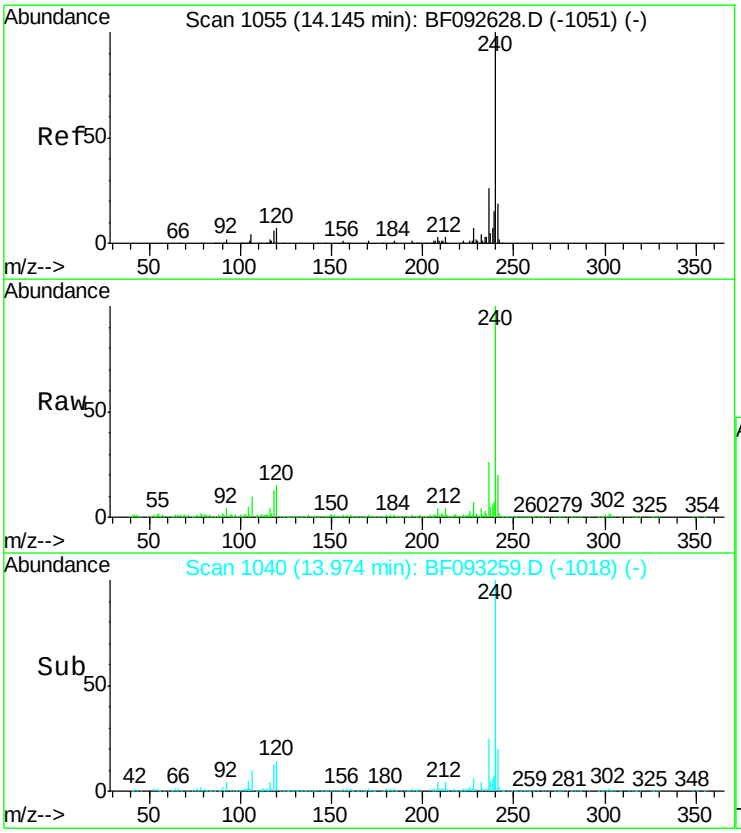
#74
Fluoranthene
Concen: 6.67 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion:202 Resp: 140539

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.6
203	17.6	0.0	38.7

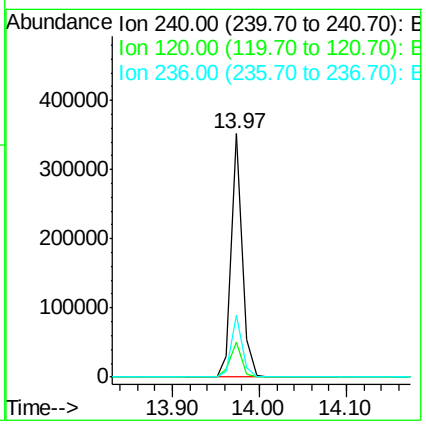


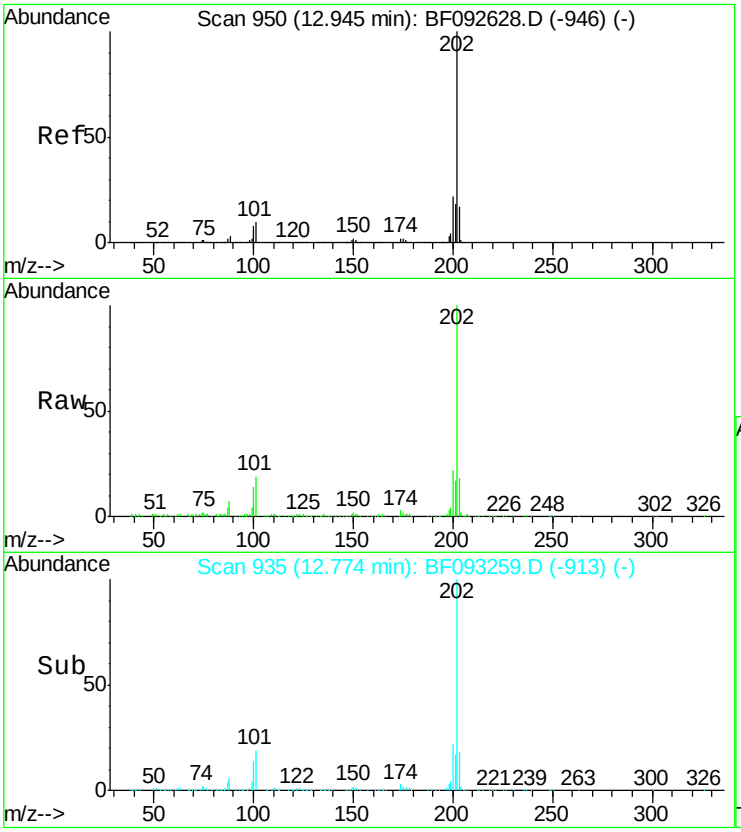


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion:240 Resp: 302973

Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.9	19.3
236	25.7	20.9	31.3



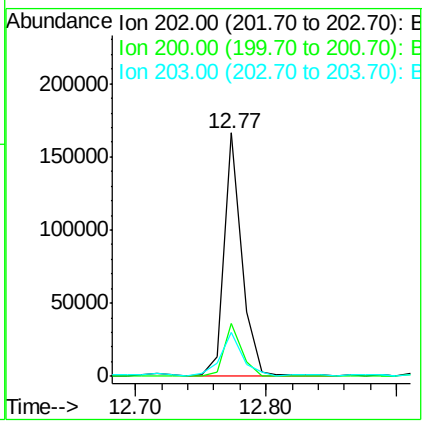


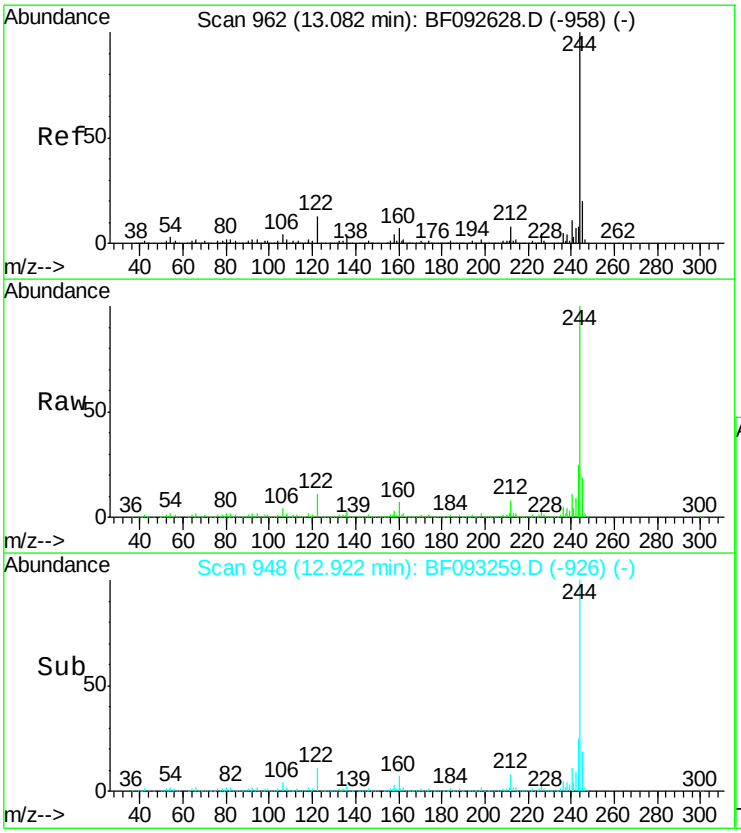
#77
Pyrene
Concen: 6.89 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion:202 Resp: 156259

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.8	14.7	22.1

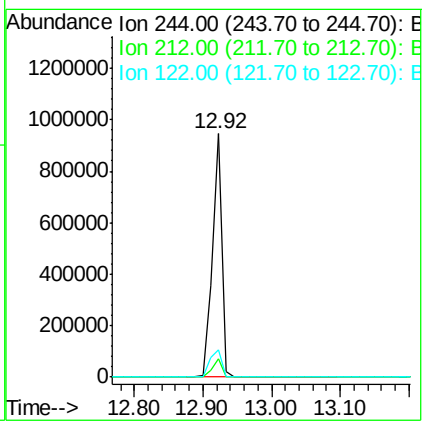


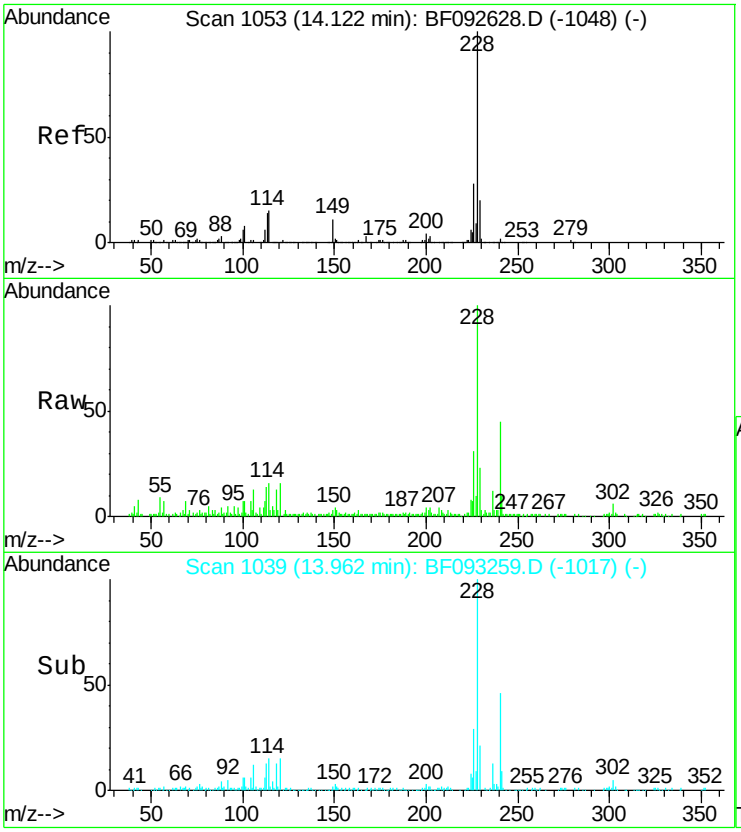


#78
Terphenyl-d14
Concen: 71.18 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion:244 Resp: 917817

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	11.2	11.4	17.2#



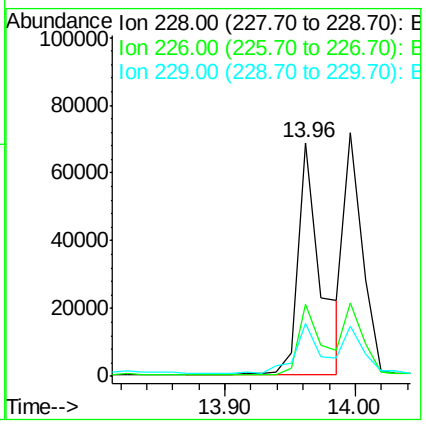


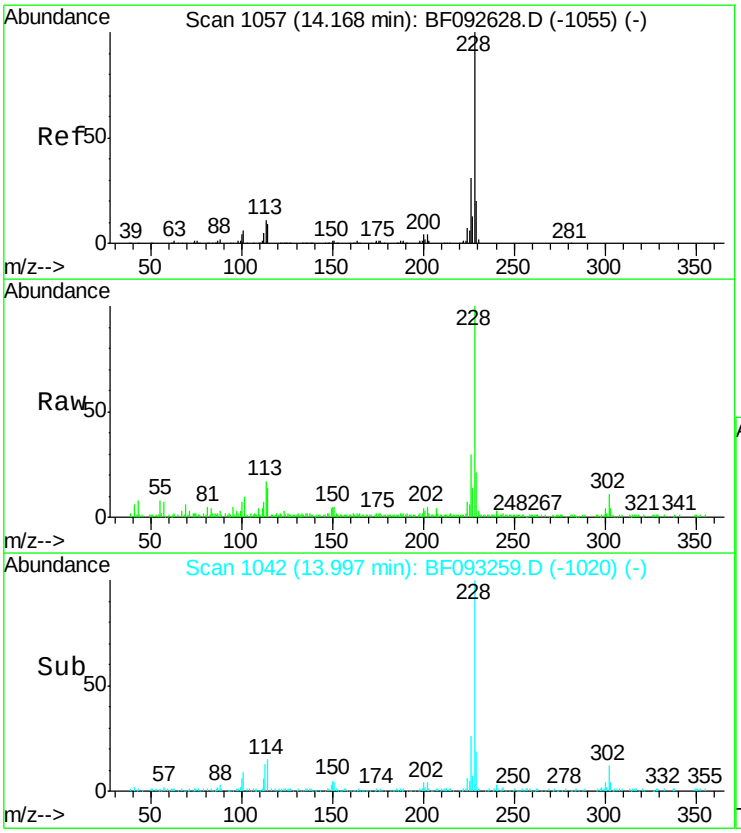
#80
Benzo(a)anthracene
Concen: 4.52 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion:228 Resp: 83786

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.4	33.6
229	22.8	16.2	24.4

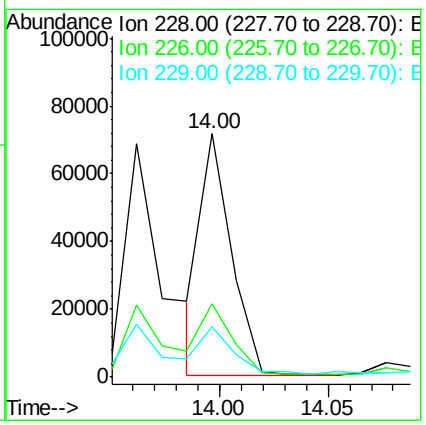


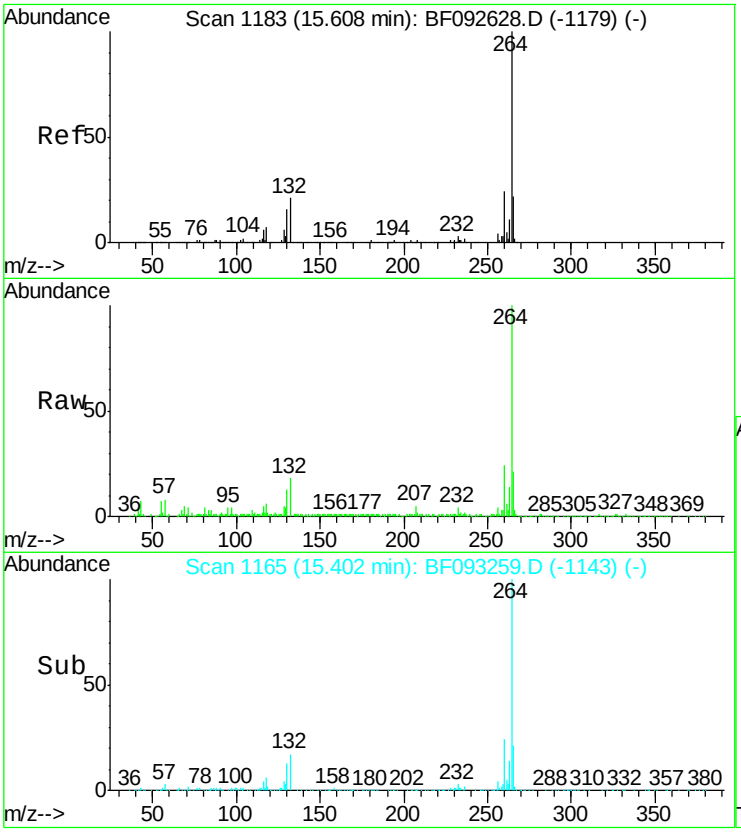


#82
Chrysene
Concen: 3.98 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion:228 Resp: 69058

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	20.7	16.2	24.2



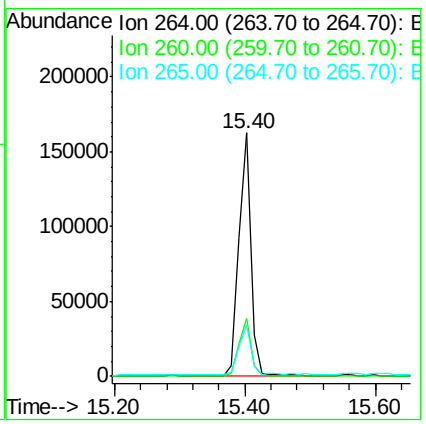


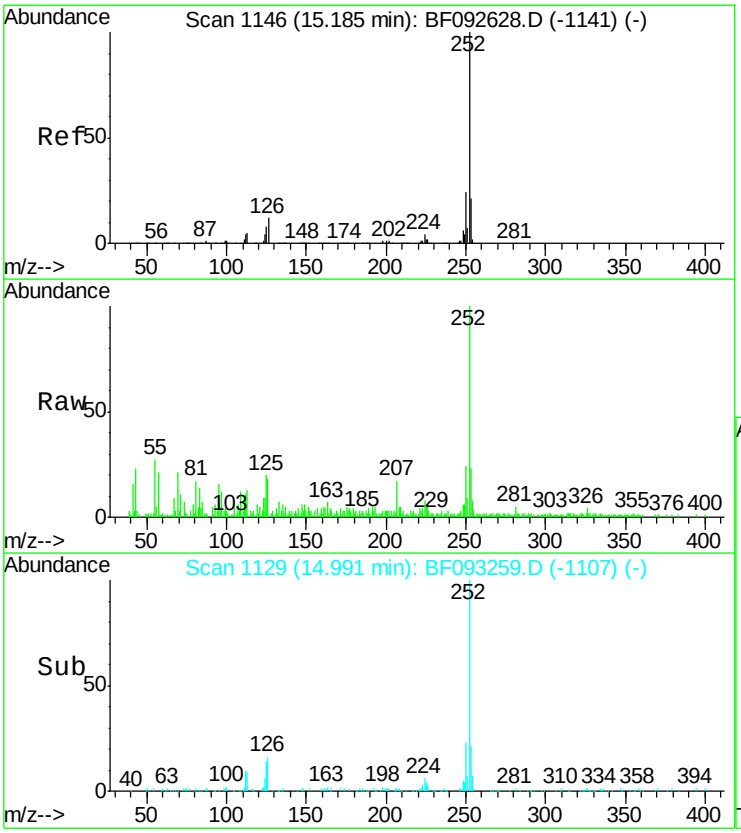
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion:264 Resp: 202206

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.4	26.0

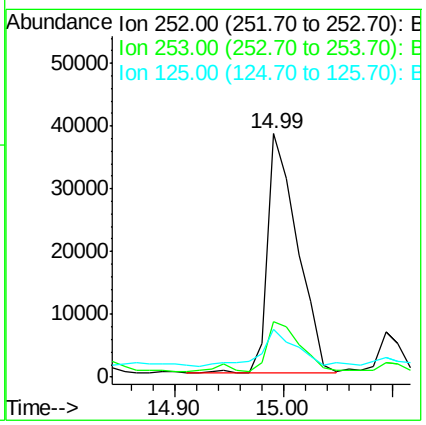


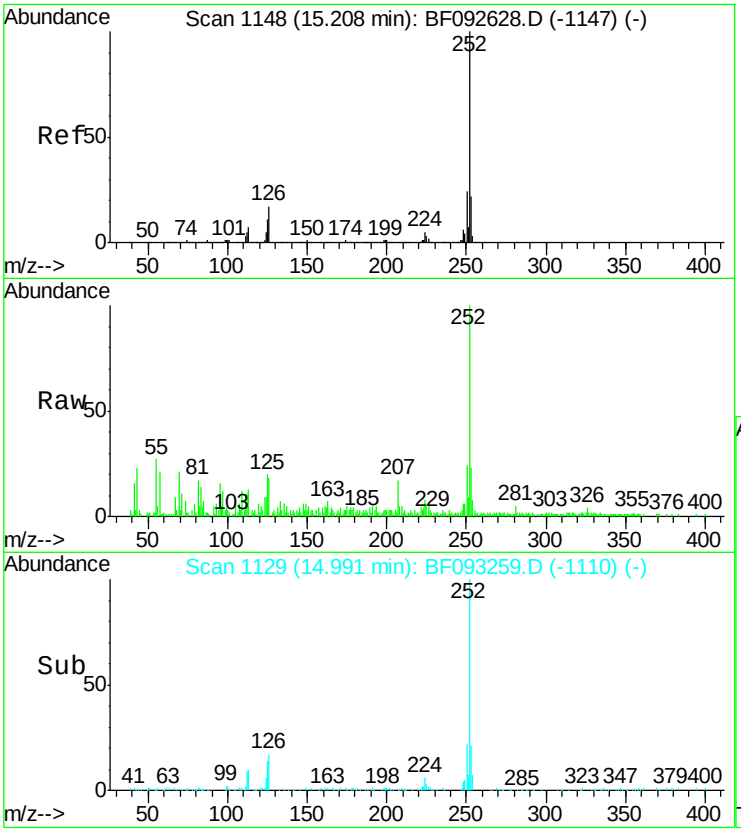


#87
Benzo(b)fluoranthene
Concen: 5.53 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion:252 Resp: 73662

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	19.9	9.8	14.6#



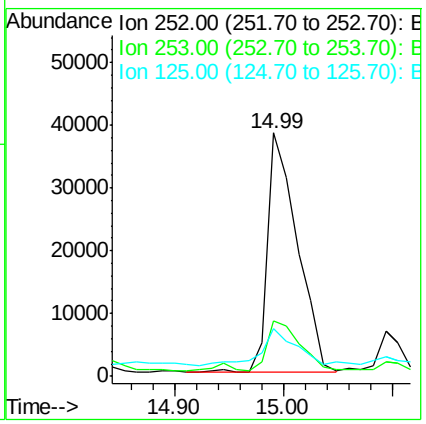


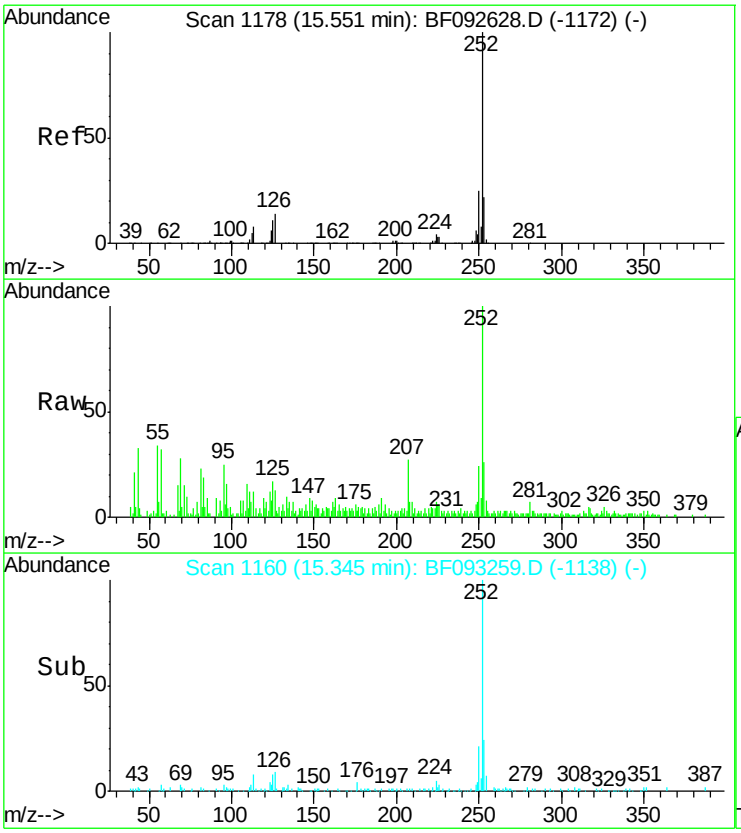
#88
Benzo(k)fluoranthene
Concen: 6.41 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.08 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TK3-9-20170227

Tgt Ion:252 Resp: 73662

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	19.9	8.9	13.3#





#89
Benzo(a)pyrene
Concen: 3.23 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF093259.D
Acq: 28 Feb 2017 20:11

Tgt Ion:252 Resp: 37154

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.2	27.2
125	16.6	10.0	15.0#