Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\

Quantitation Report (Not Reviewed)

Data File : BF093123.D
Acq On : 24 Feb 2017 00:01
Operator : SJ/MA
Sample : I1954-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-B-01(0-5)

Quant Time: Feb 24 00:35:51 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	6.84	152	154897	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	562516	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	226337	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	336964	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	321298	20.00	ng	-0.02
86) Perylene-d12	15.44	264	256870	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1004960	111.31	ng	-0.01
7) Phenol-d6	6.49	99	1404834	120.93	ng	0.00
23) Nitrobenzene-d5	7.41	82	829102	82.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	197700	120.77	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1309998	104.86	ng	-0.01
78) Terphenyl-d14	12.94	244	803198	58.74	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.50	94	49841	3.67	ng	# 63
19) n-Nitroso-di-n-propylamine	7.41	70	112181	15.17	ng	# 80
25) Isophorone	7.41	82	626831	33.30	ng	# 65
49) Dimethylphthalate	9.60	163	109470	7.18	ng	99
56) 2,4-Dinitrotoluene	9.88	165	28350	6.47	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.66	198	520	2.91	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	14506	4.12	ng	# 1
74) Fluoranthene	12.57	202	70843	3.56	ng	97
77) Pyrene	12.80	202	85993	3.58	ng	99
80) Benzo(a)anthracene	13.99	228	61446	3.13	ng	# 93
82) Chrysene	13.99	228	61446	3.34	ng	# 95
87) Benzo(b)fluoranthene	15.03	252	80216	4.74	ng	# 61
88) Benzo(k)fluoranthene	15.03	252	80216	5.49	ng	# 60
89) Benzo(a)pyrene	15.37	252	42363	2.90	ng	# 67

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\

Quantitation Report (Not Reviewed)

Data File : BF093123.D
Acq On : 24 Feb 2017 00:01
Operator : SJ/MA
Sample : I1954-09
Misc :
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Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Quant Time: Feb 24 00:35:51 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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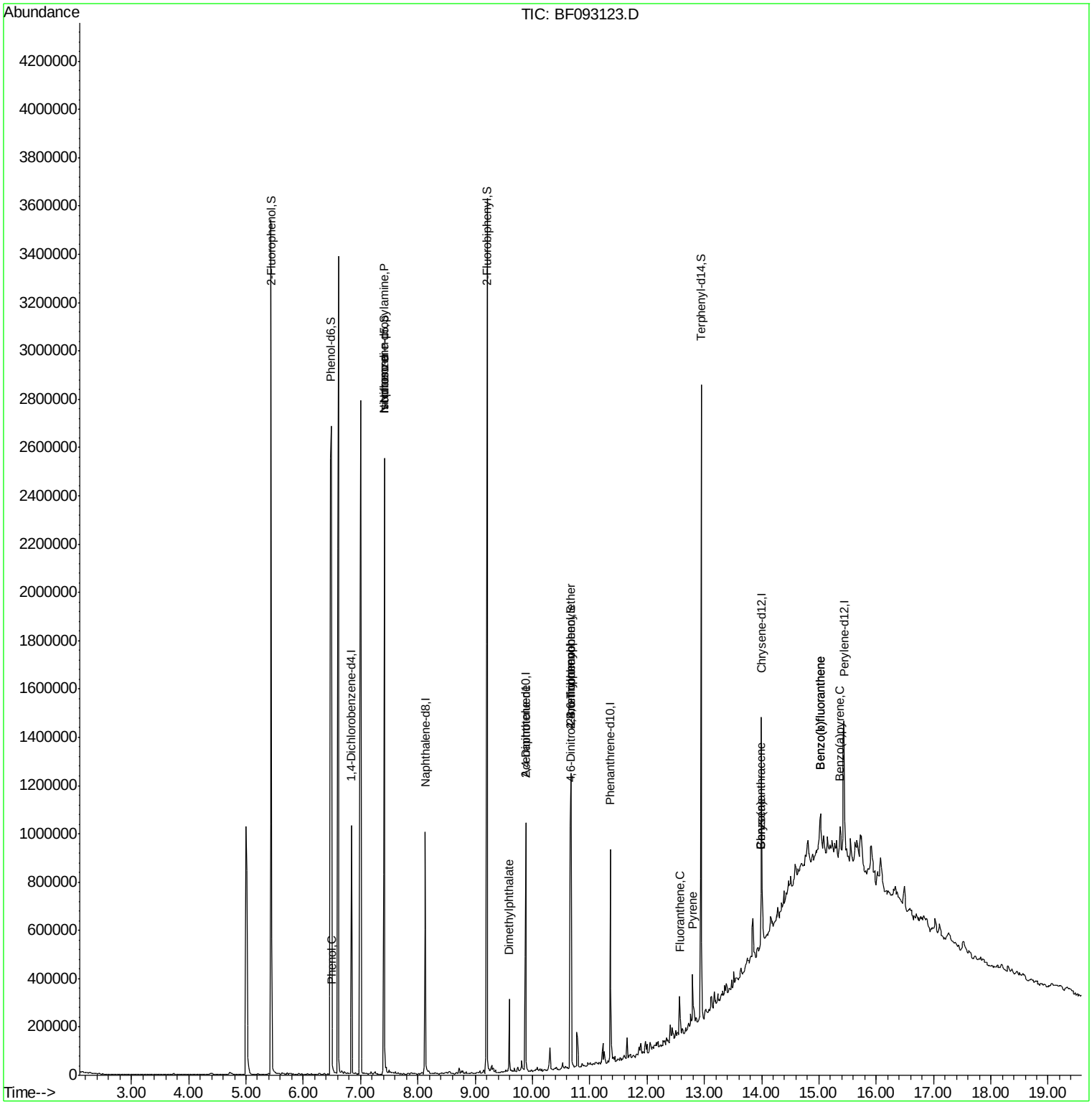
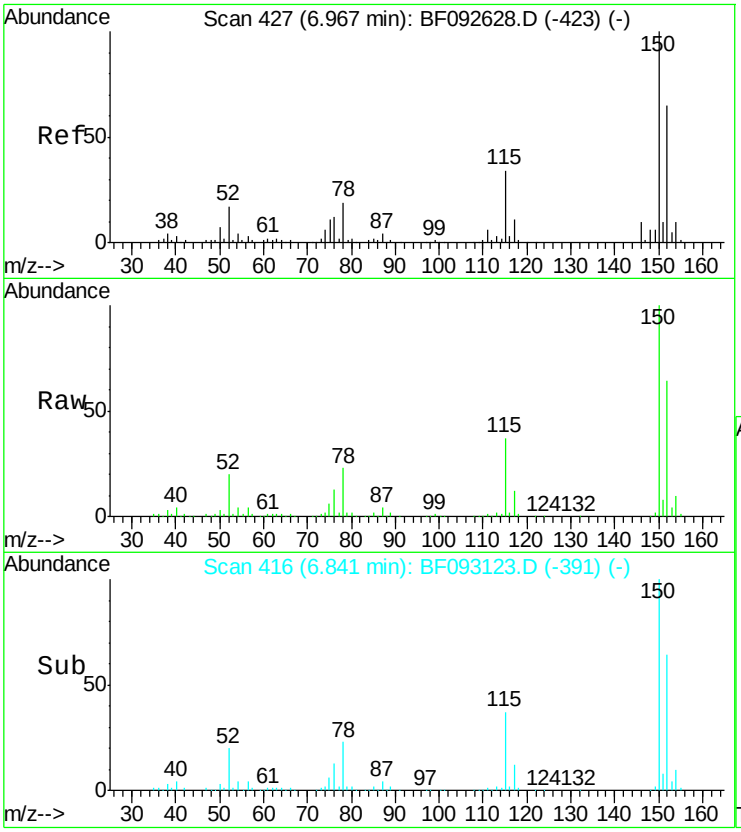


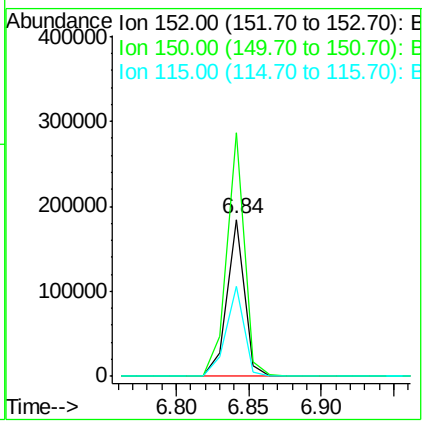


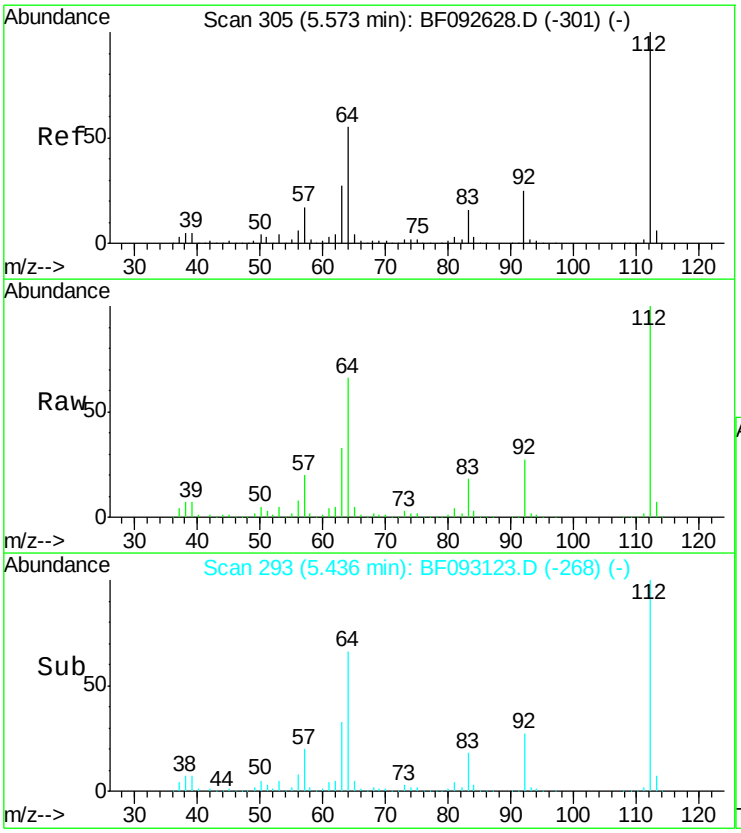
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion:152 Resp: 154897

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.9	187.3
115	57.3	46.0	69.0

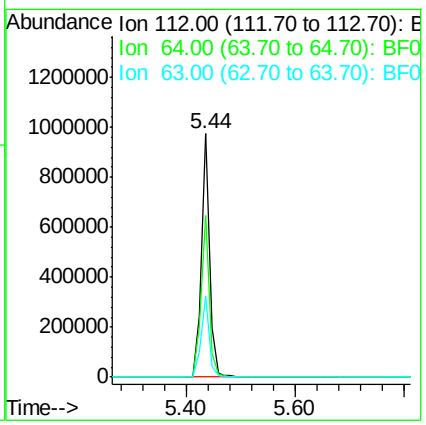


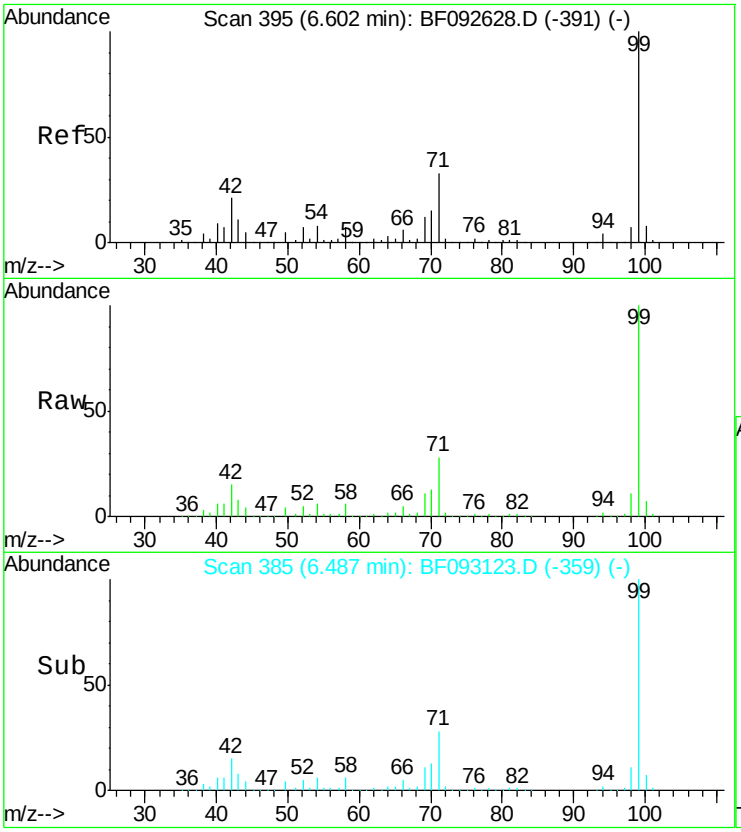


#5
2-Fluorophenol
Concen: 111.31 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion:112 Resp: 1004960

Ion	Ratio	Lower	Upper
112	100		
64	66.4	46.1	69.1
63	33.0	23.8	35.6



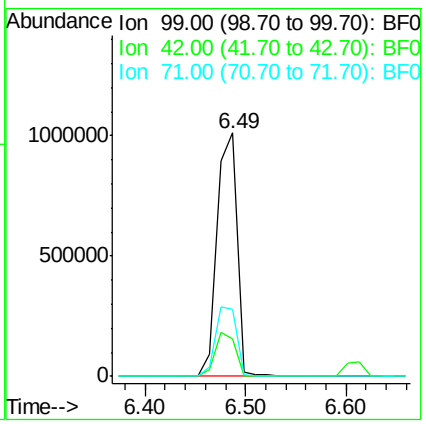


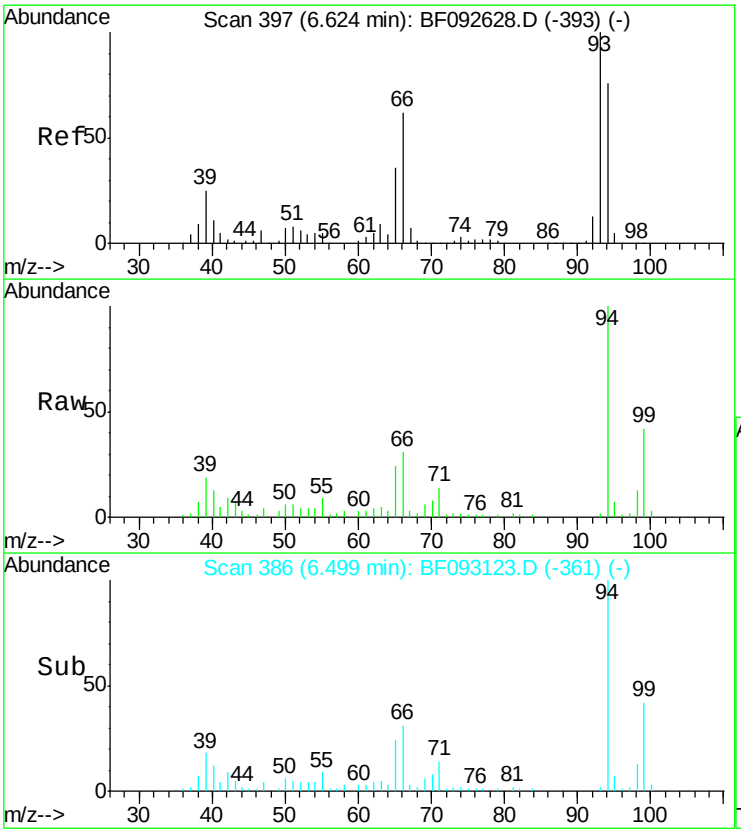
#7
Phenol-d6
Concen: 120.93 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion: 99 Resp: 1404834

Ion	Ratio	Lower	Upper
99	100		
42	15.2	15.6	23.4#
71	27.7	27.5	41.3

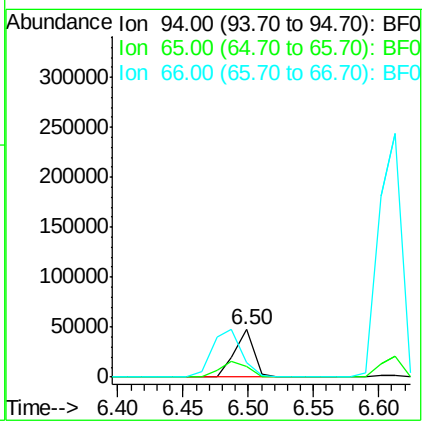


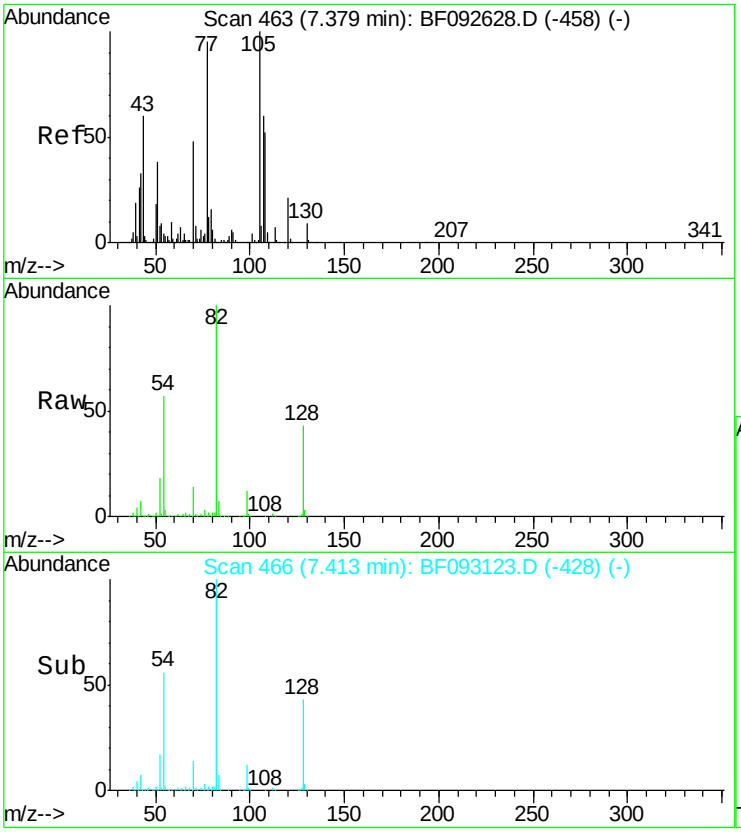


#10
Phenol
Concen: 3.67 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion: 94 Resp: 49841

Ion	Ratio	Lower	Upper
94	100		
65	23.6	21.4	61.4
66	31.3	44.0	84.0#



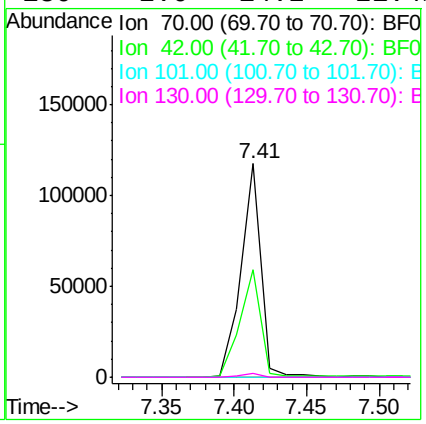


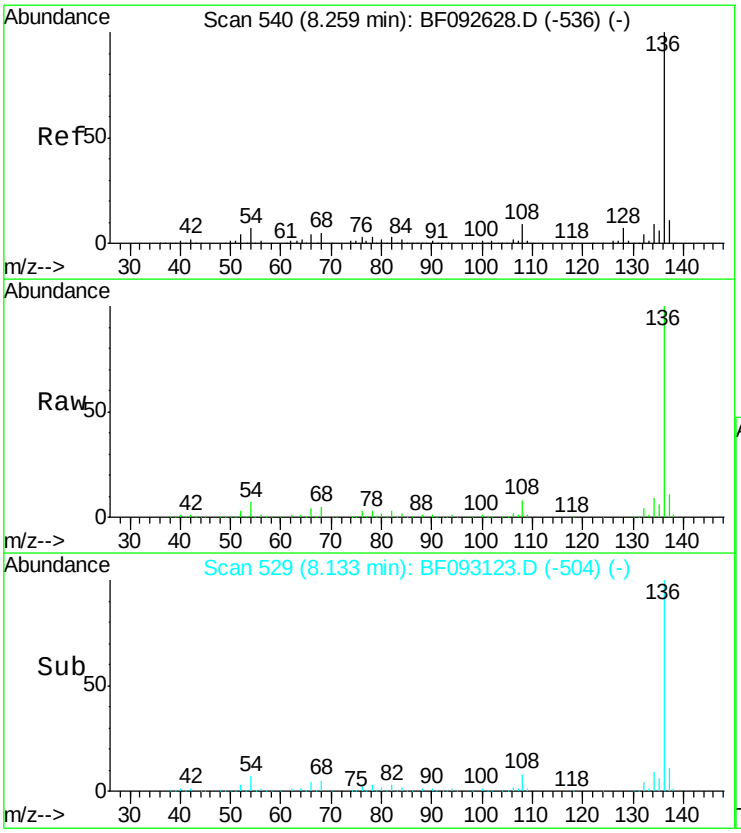
#19
n-Nitroso-di-n-propylamine
Concen: 15.17 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion: 70 Resp: 112181

Ion	Ratio	Lower	Upper
70	100		
42	50.4	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

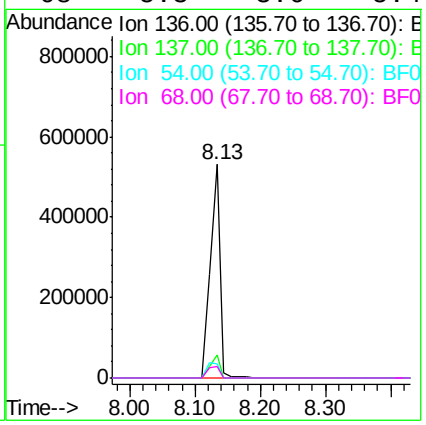


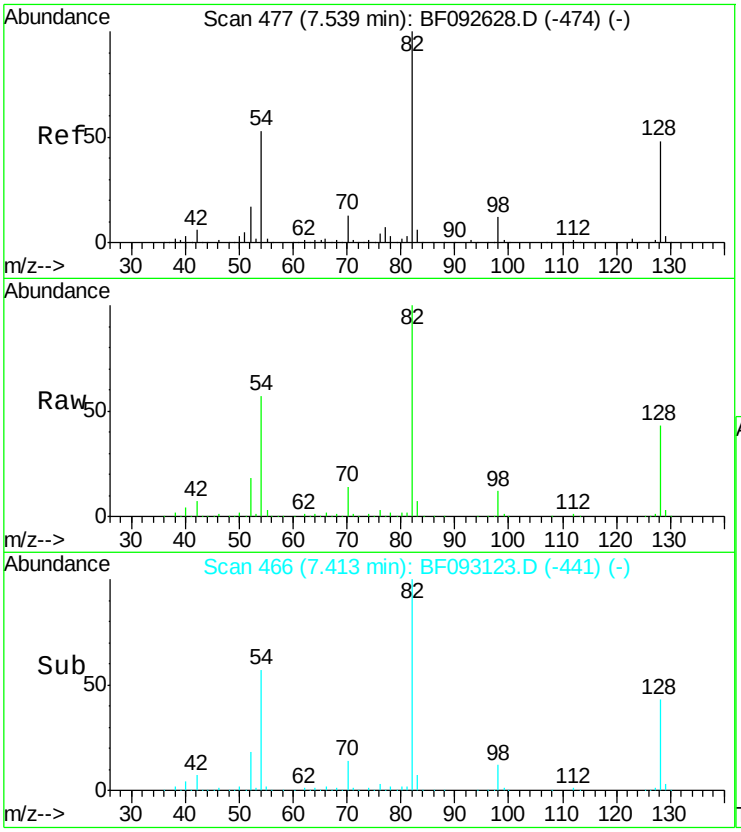


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion:136 Resp: 562516

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.8	4.5	6.7#
68	5.3	3.6	5.4



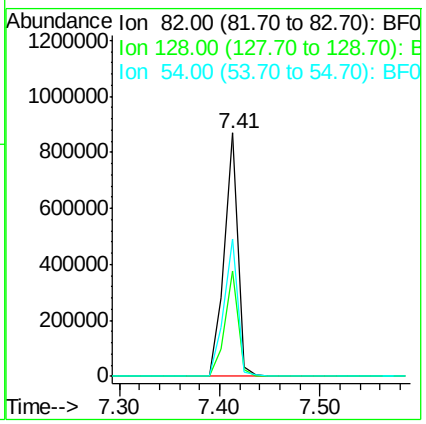


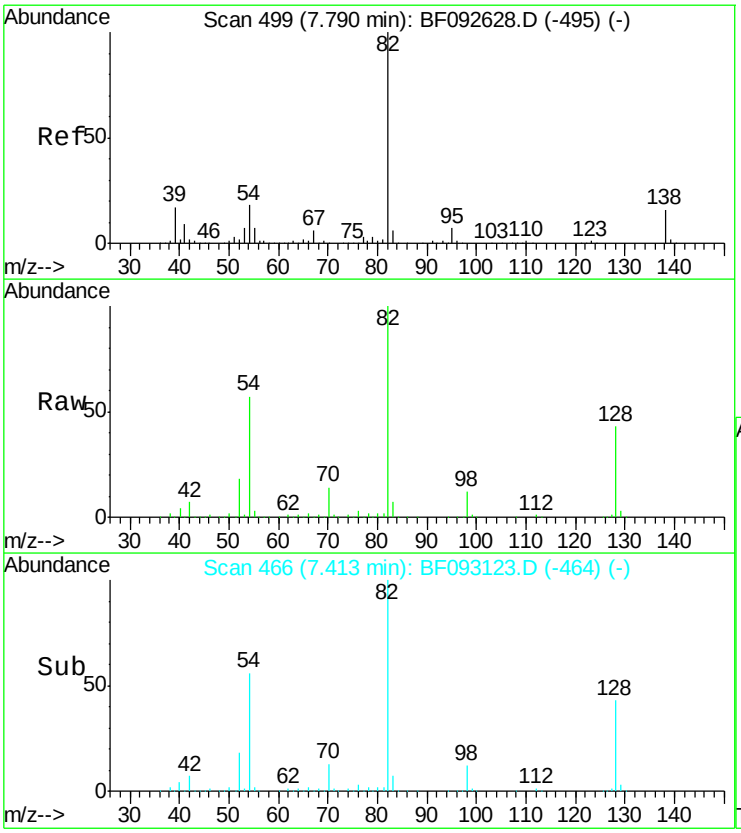
#23
Nitrobenzene-d5
Concen: 82.08 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion: 82 Resp: 829102

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	52.0
54	56.5	39.5	59.3

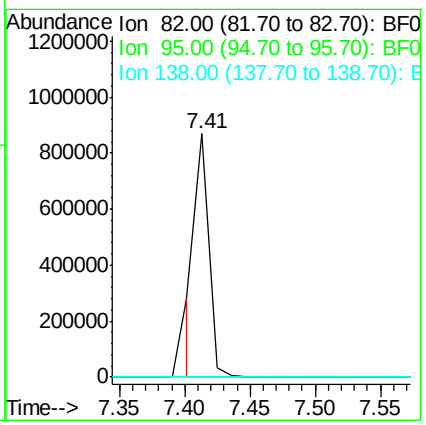


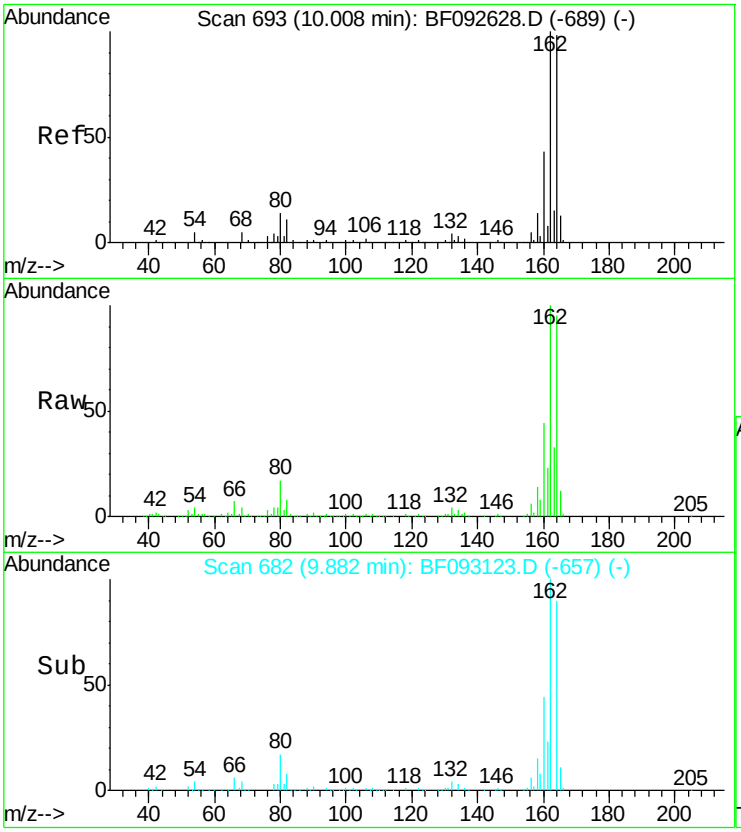


#25
Isophorone
Concen: 33.30 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion: 82 Resp: 626831

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



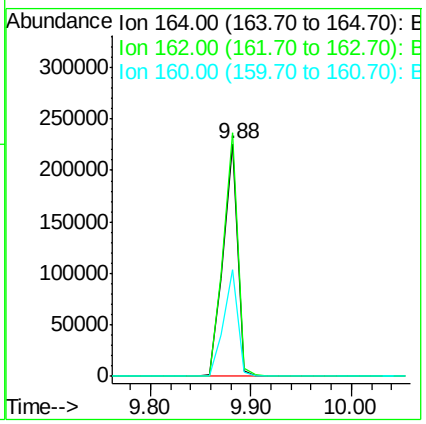


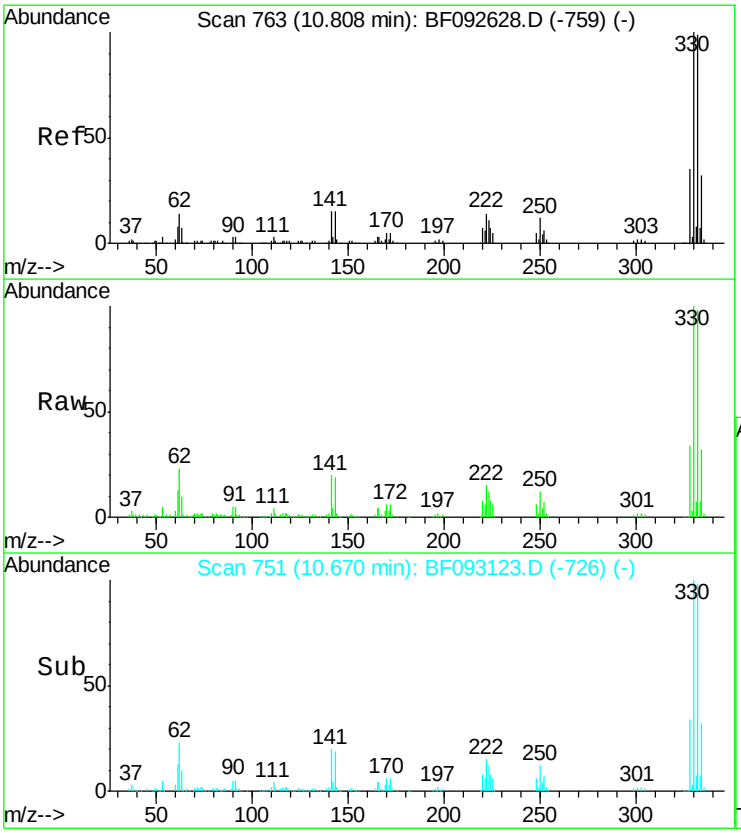
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion:164 Resp: 226337

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.2	120.2
160	46.0	36.9	55.3

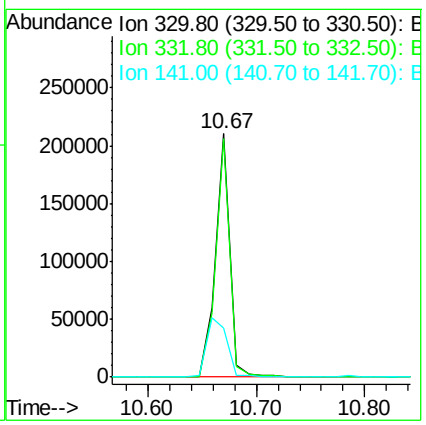


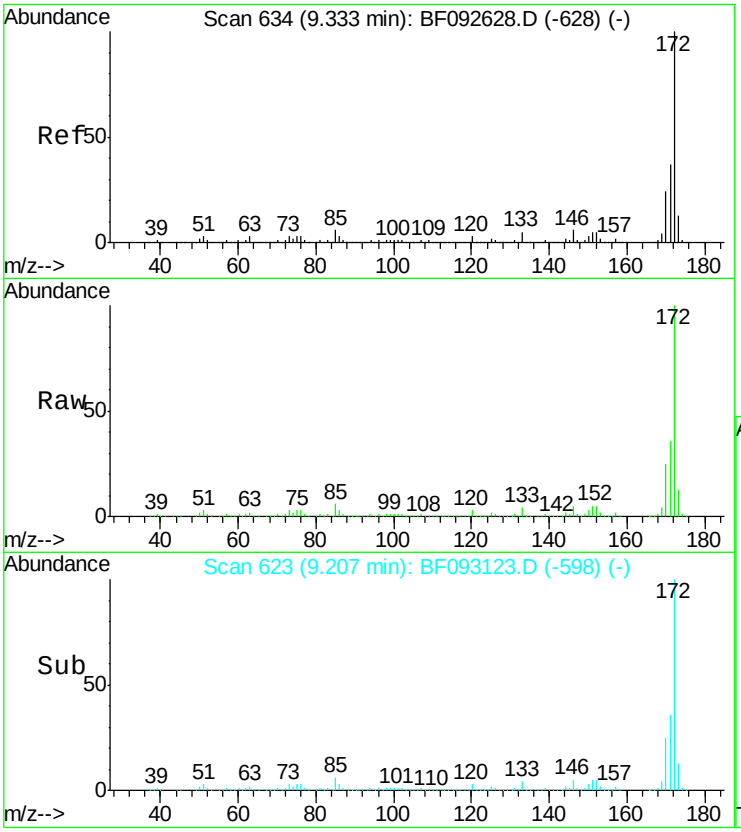


#41
2,4,6-Tribromophenol
Concen: 120.77 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion:330 Resp: 197700

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	35.6	34.1	51.1



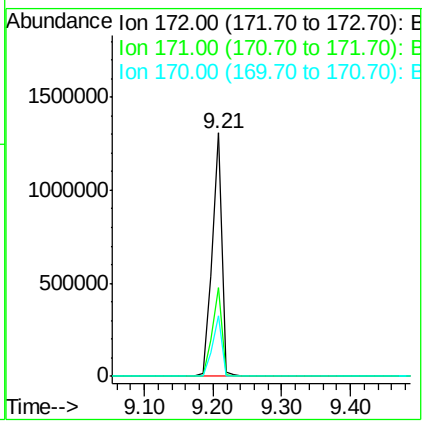


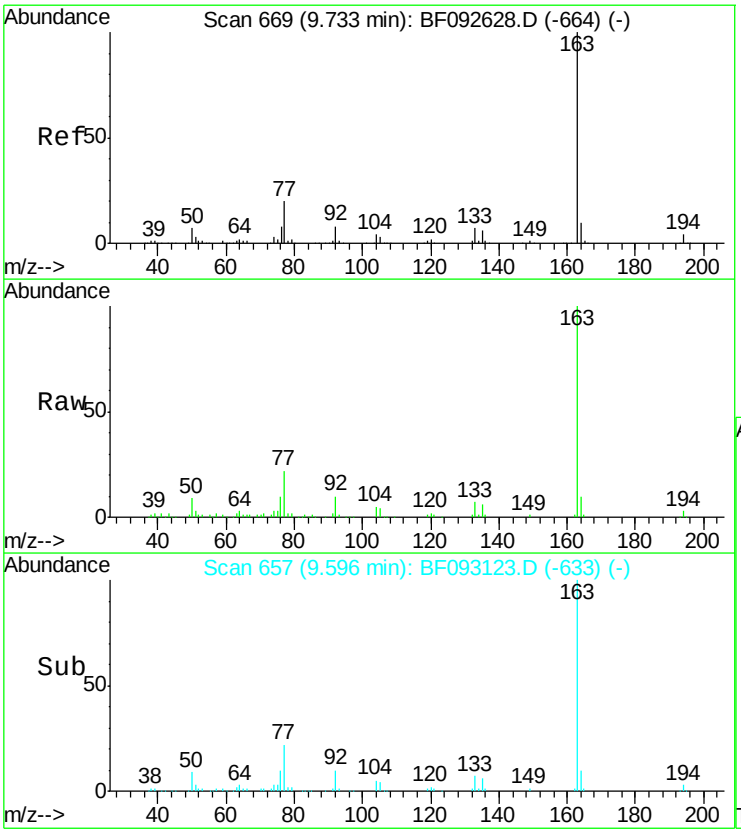
#44
2-Fluorobiphenyl
Concen: 104.86 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion:172 Resp: 1309998

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.7	20.2	30.4

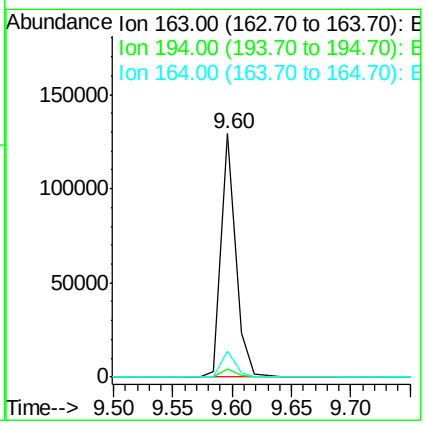


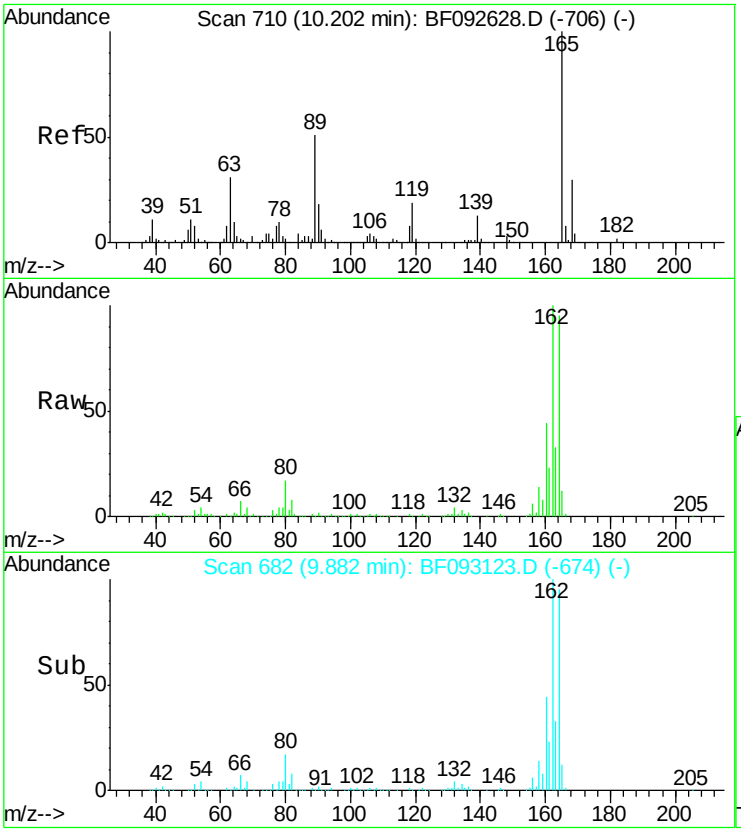


#49
Dimethylphthalate
Concen: 7.18 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion:163 Resp: 109470

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.4	8.0	12.0



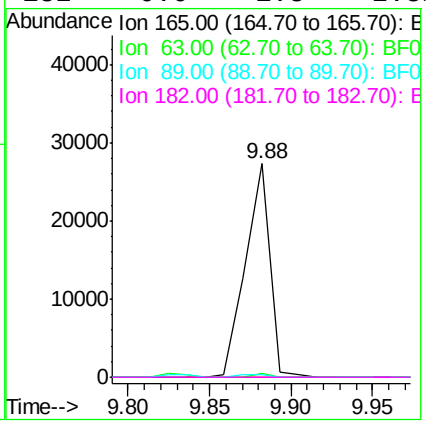


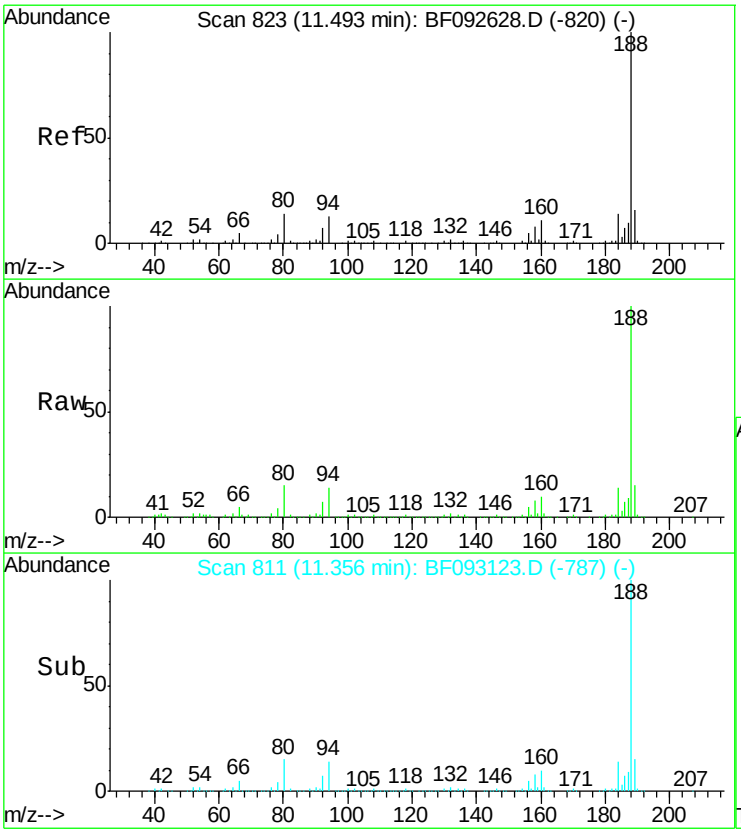
#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion:165 Resp: 28350

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#

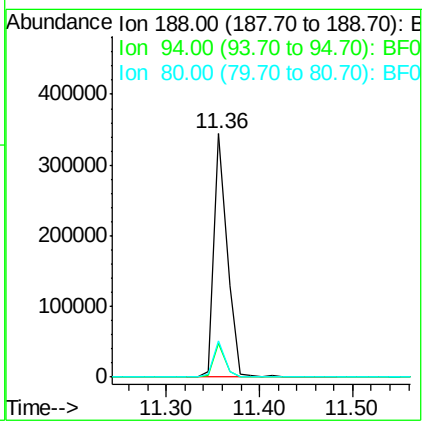


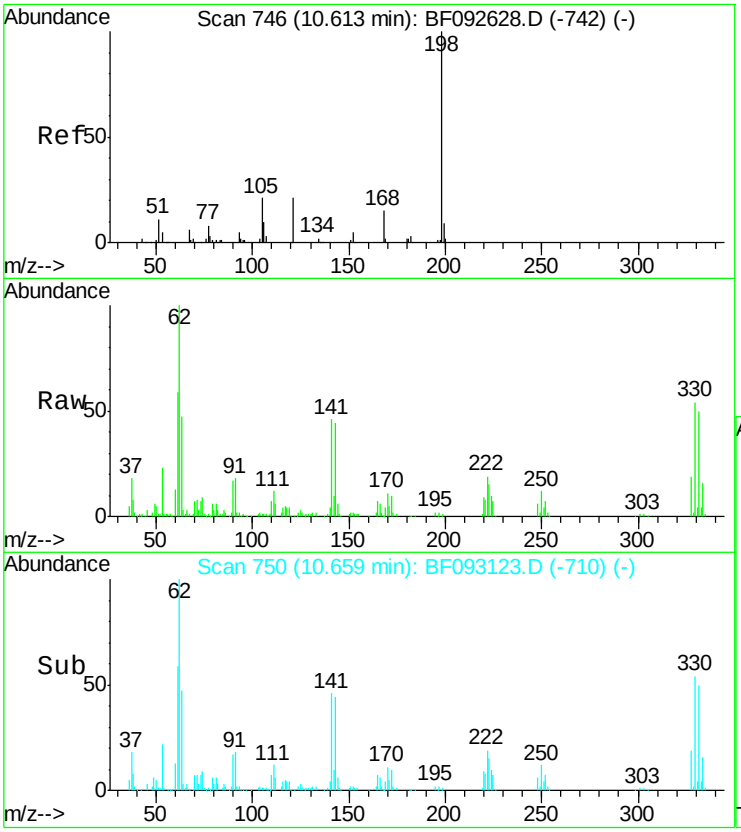


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion:188 Resp: 336964

Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.0	15.0
80	14.8	11.2	16.8



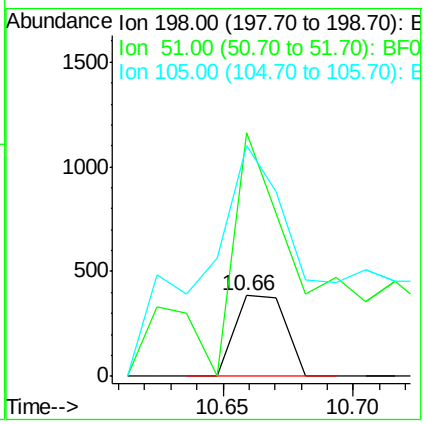


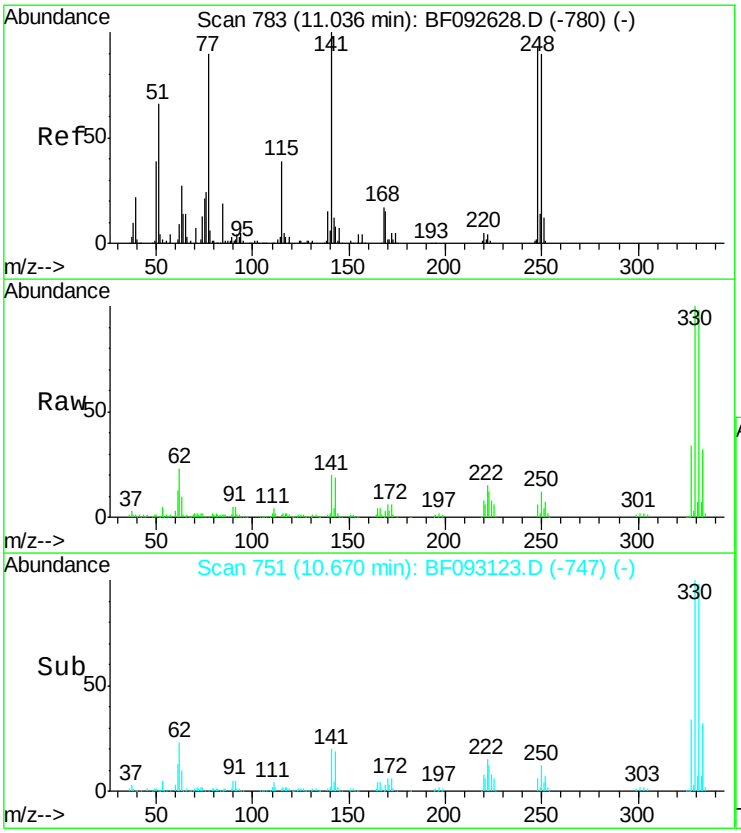
#64
4,6-Dinitro-2-methylphenol
Concen: 2.91 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.16 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion:198 Resp: 520

Ion	Ratio	Lower	Upper
198	100		
51	301.0	6.7	46.7#
105	285.8	16.6	56.6#

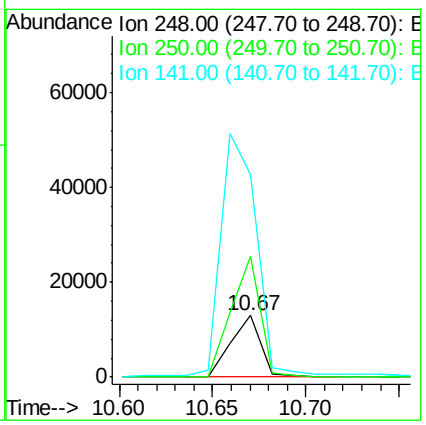


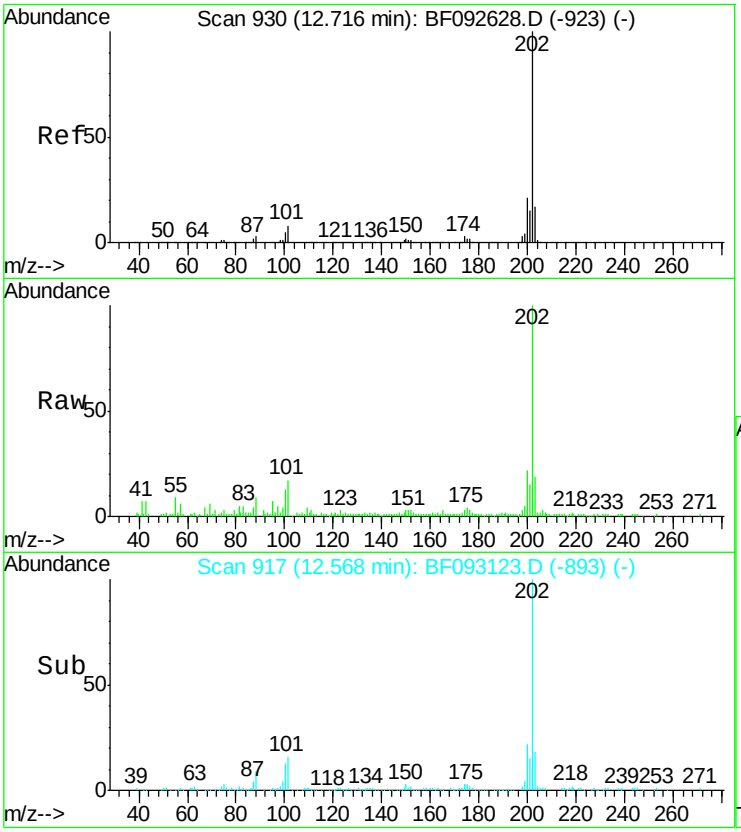


#66
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion:248 Resp: 14506

Ion	Ratio	Lower	Upper
248	100		
250	196.3	76.9	115.3#
141	328.4	68.2	102.4#



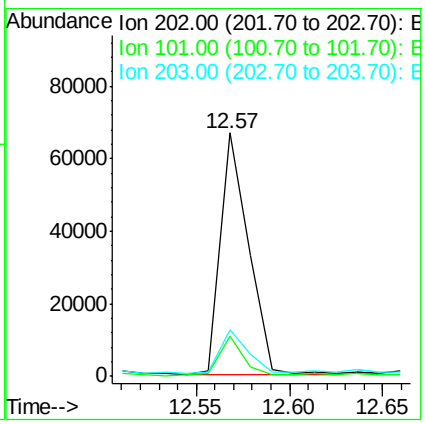


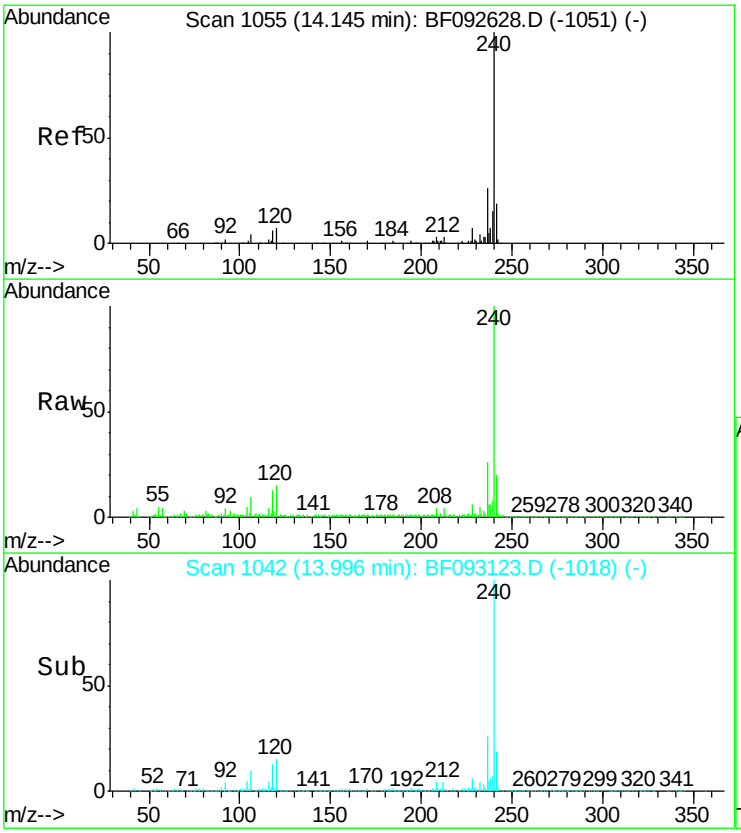
#74
Fluoranthene
Concen: 3.56 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion:202 Resp: 70843

Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	34.6
203	19.3	0.0	38.7

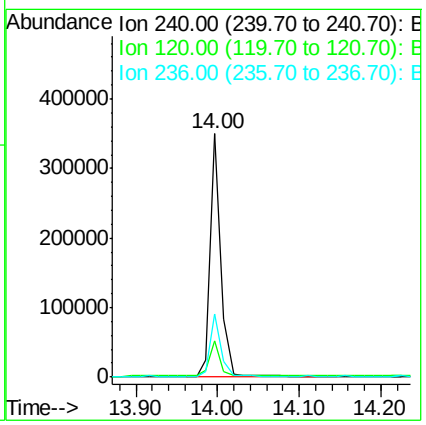


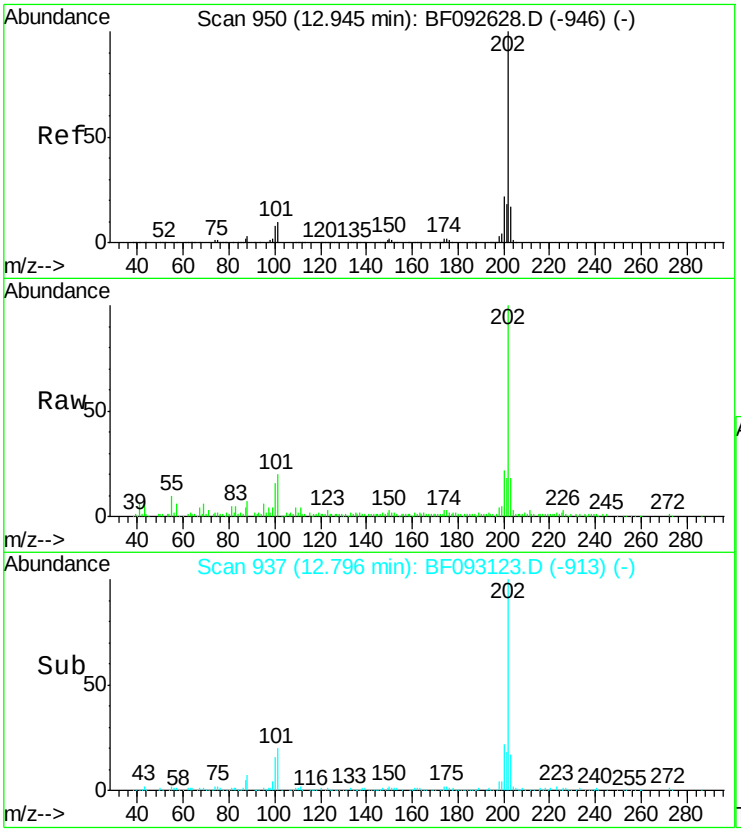


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion:240 Resp: 321298

Ion	Ratio	Lower	Upper
240	100		
120	14.9	12.9	19.3
236	26.0	20.9	31.3



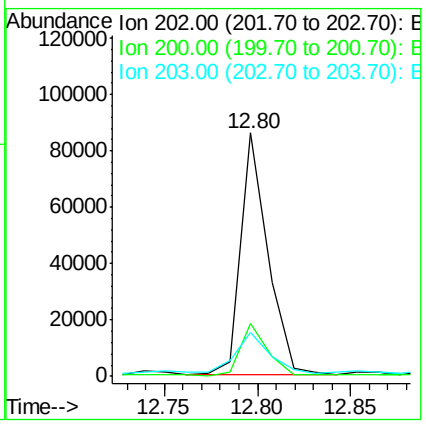


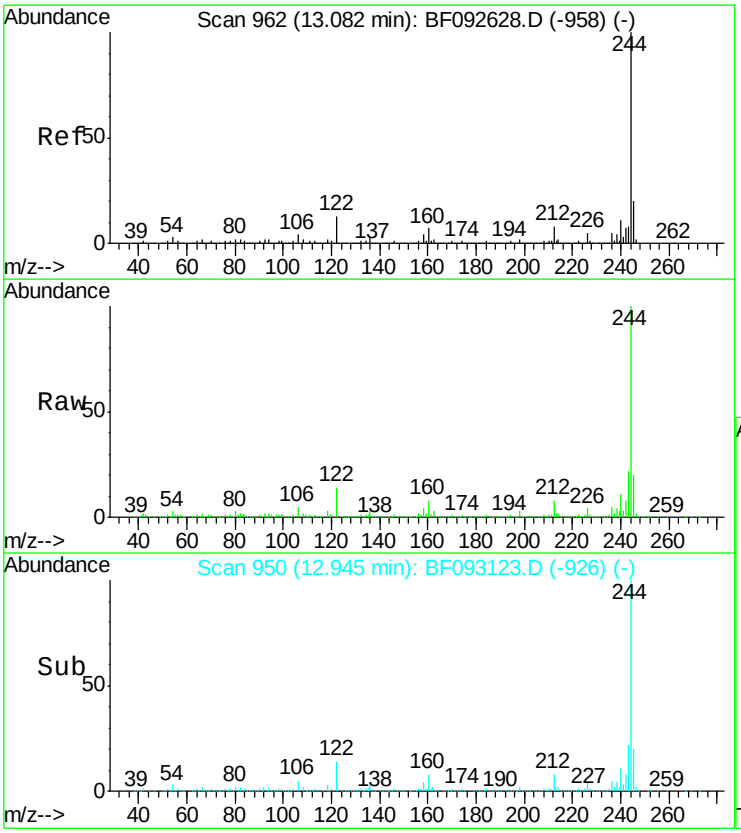
#77
Pyrene
Concen: 3.58 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion:202 Resp: 85993

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.1	14.7	22.1

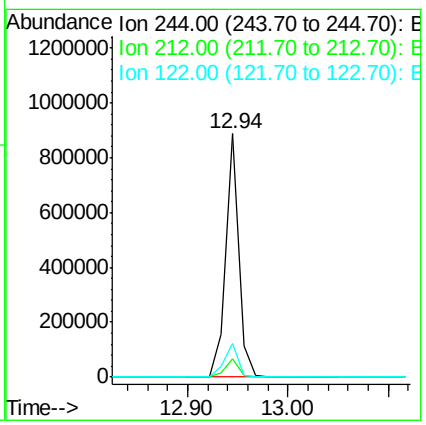


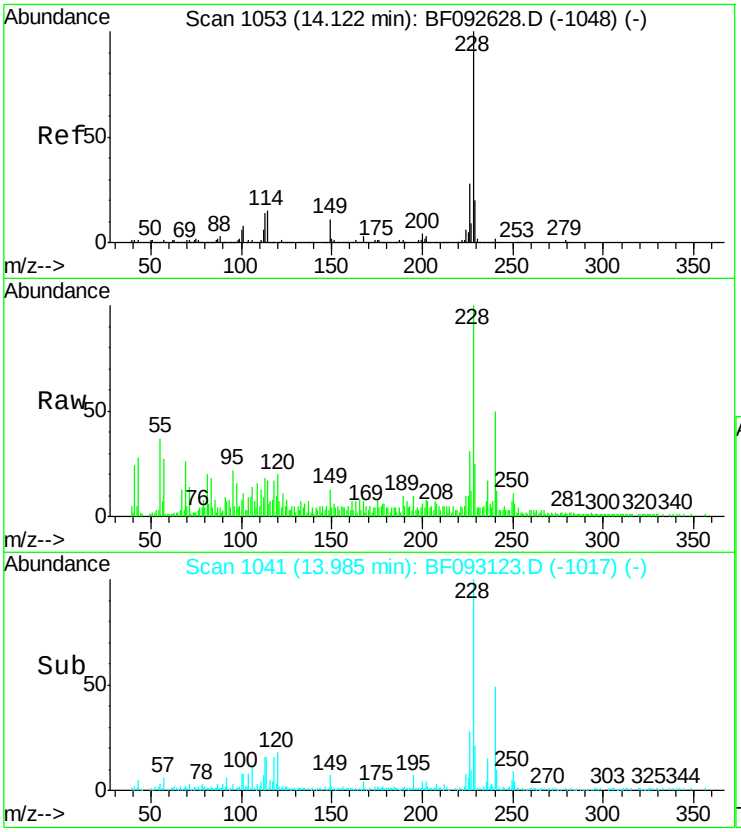


#78
Terphenyl-d14
Concen: 58.74 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion:244 Resp: 803198

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.7	11.4	17.2



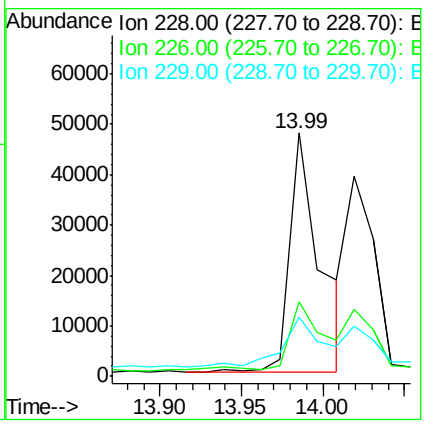


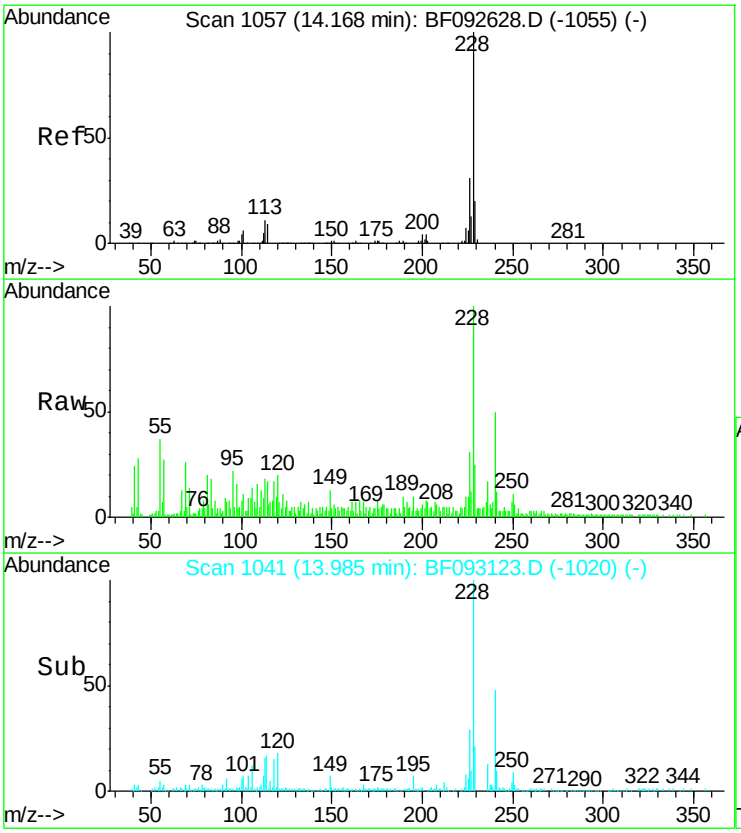
#80
Benzo(a)anthracene
Concen: 3.13 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion:228 Resp: 61446

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.4	33.6
229	24.6	16.2	24.4#

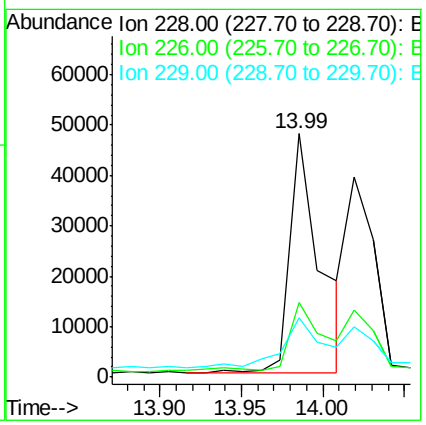


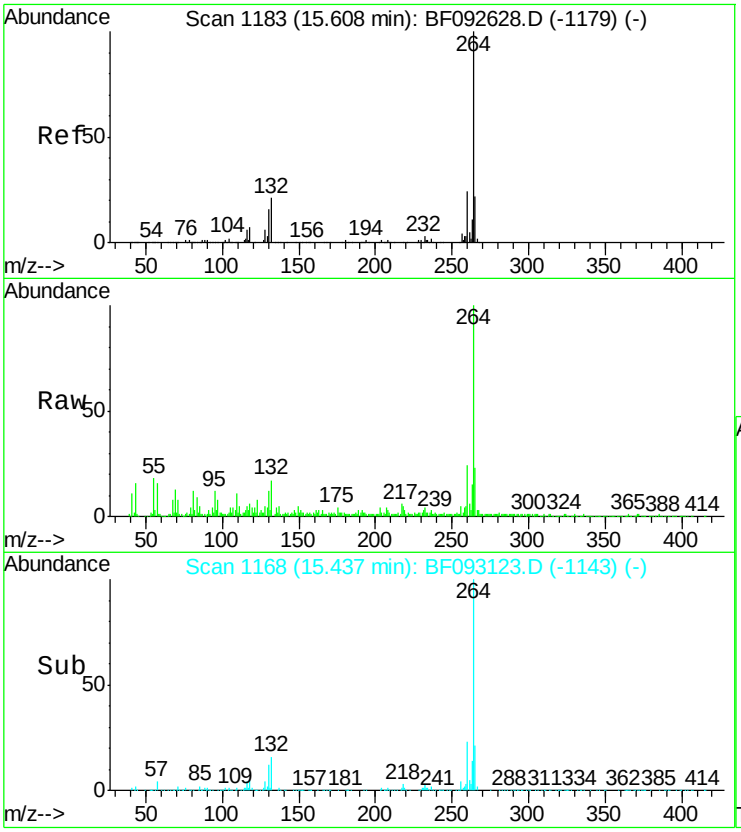


#82
Chrysene
Concen: 3.34 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.06 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion:228 Resp: 61446

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	24.6	16.2	24.2#



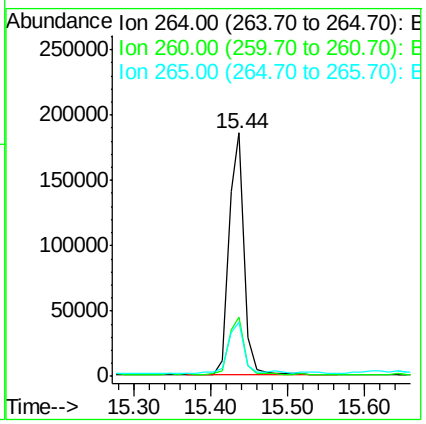


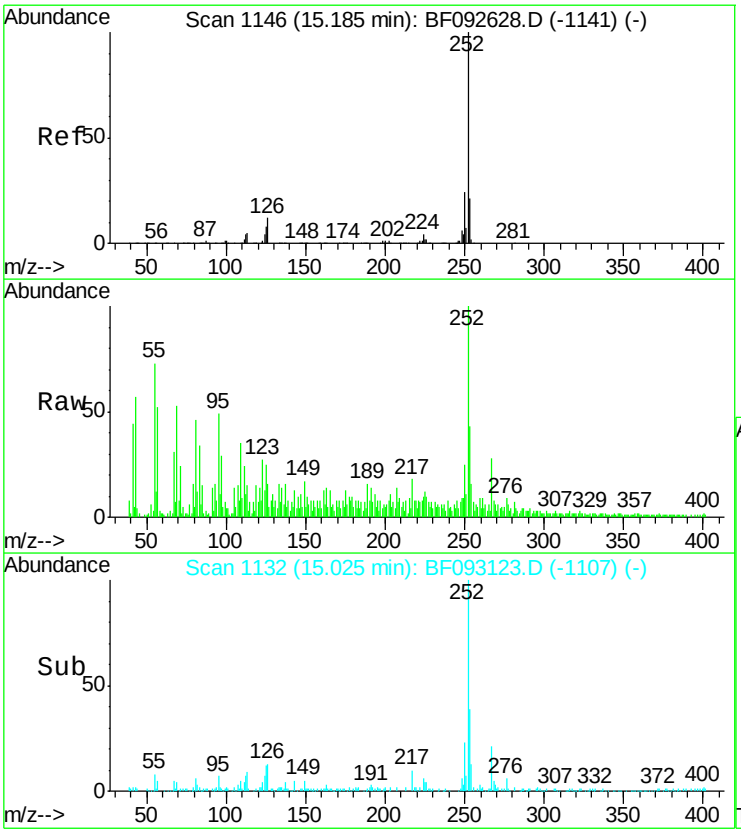
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion:264 Resp: 256870

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.5	17.4	26.0

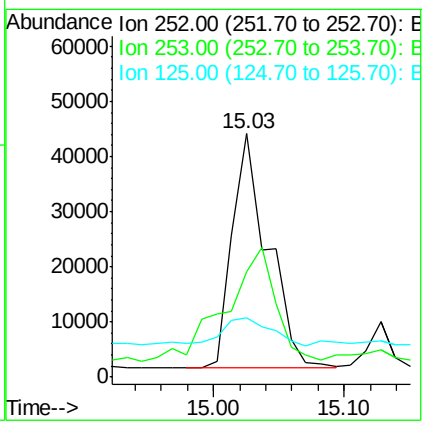


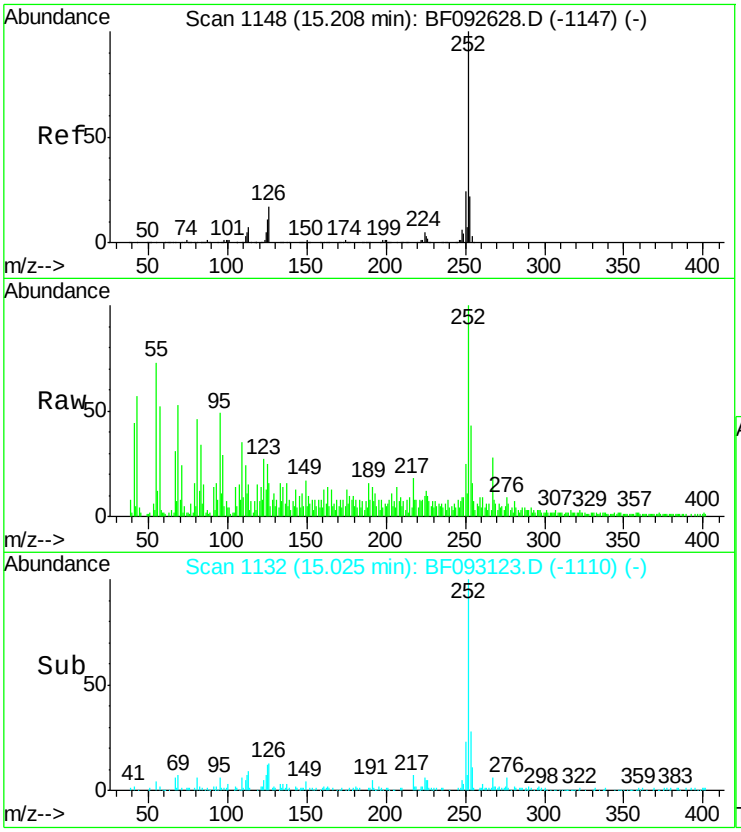


#87
Benzo(b)fluoranthene
Concen: 4.74 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion:252 Resp: 80216

Ion	Ratio	Lower	Upper
252	100		
253	43.3	18.2	27.4#
125	24.6	9.8	14.6#



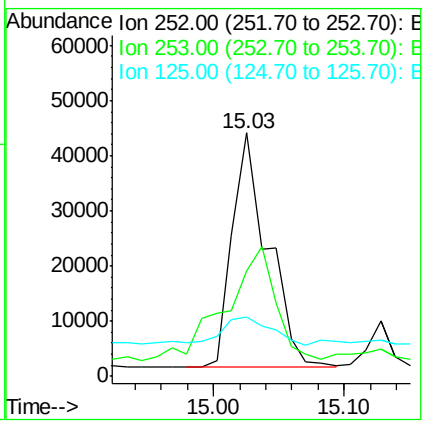


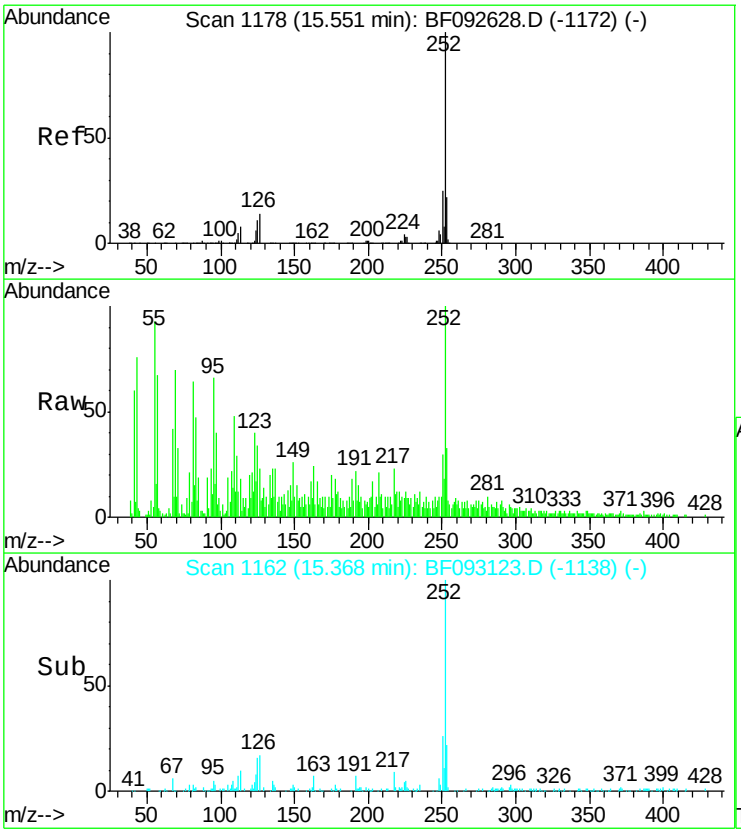
#88
Benzo(k)fluoranthene
Concen: 5.49 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)

Tgt Ion:252 Resp: 80216

Ion	Ratio	Lower	Upper
252	100		
253	43.3	18.5	27.7#
125	24.6	8.9	13.3#





#89
Benzo(a)pyrene
Concen: 2.90 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093123.D
Acq: 24 Feb 2017 00:01

Tgt Ion:252 Resp: 42363

Ion	Ratio	Lower	Upper
252	100		
253	32.5	18.2	27.2#
125	34.3	10.0	15.0#