Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
Data File : BF093610.D
Acq On : 13 Mar 2017 16:35
Operator : SJ/MA
Sample : I2174-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D-67

Quant Time: Mar 14 01:03:32 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	155524	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	618617	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	236946	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	545590	20.00	ng		0.00
75) Chrysene-d12	13.90	240	257607	20.00	ng		0.01
86) Perylene-d12	15.32	264	15897	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1250520	133.82	ng		0.00
7) Phenol-d6	6.37	99	1403867	119.14	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1024110	91.85	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	303278	196.46	ng		0.01
44) 2-Fluorobiphenyl	9.08	172	1551494	121.79	ng		-0.01
78) Terphenyl-d14	12.84	244	1267439	127.92	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.37	77	2270	Below Cal		#	1
25) Isophorone	7.28	82	1000463	44.50	ng	#	65
31) Naphthalene	8.02	128	508027	16.39	ng		98
33) 4-Chloroaniline	8.02	127	68168	5.42	ng	#	37
37) 2-Methylnaphthalene	8.72	142	45076	2.29	ng		99
50) 2,6-Dinitrotoluene	9.76	165	29525	8.57	ng	#	32
56) 2,4-Dinitrotoluene	9.76	165	29525	6.97	ng	#	21
66) 4-Bromophenyl-phenylether	10.55	248	20582	3.57	ng	#	1

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

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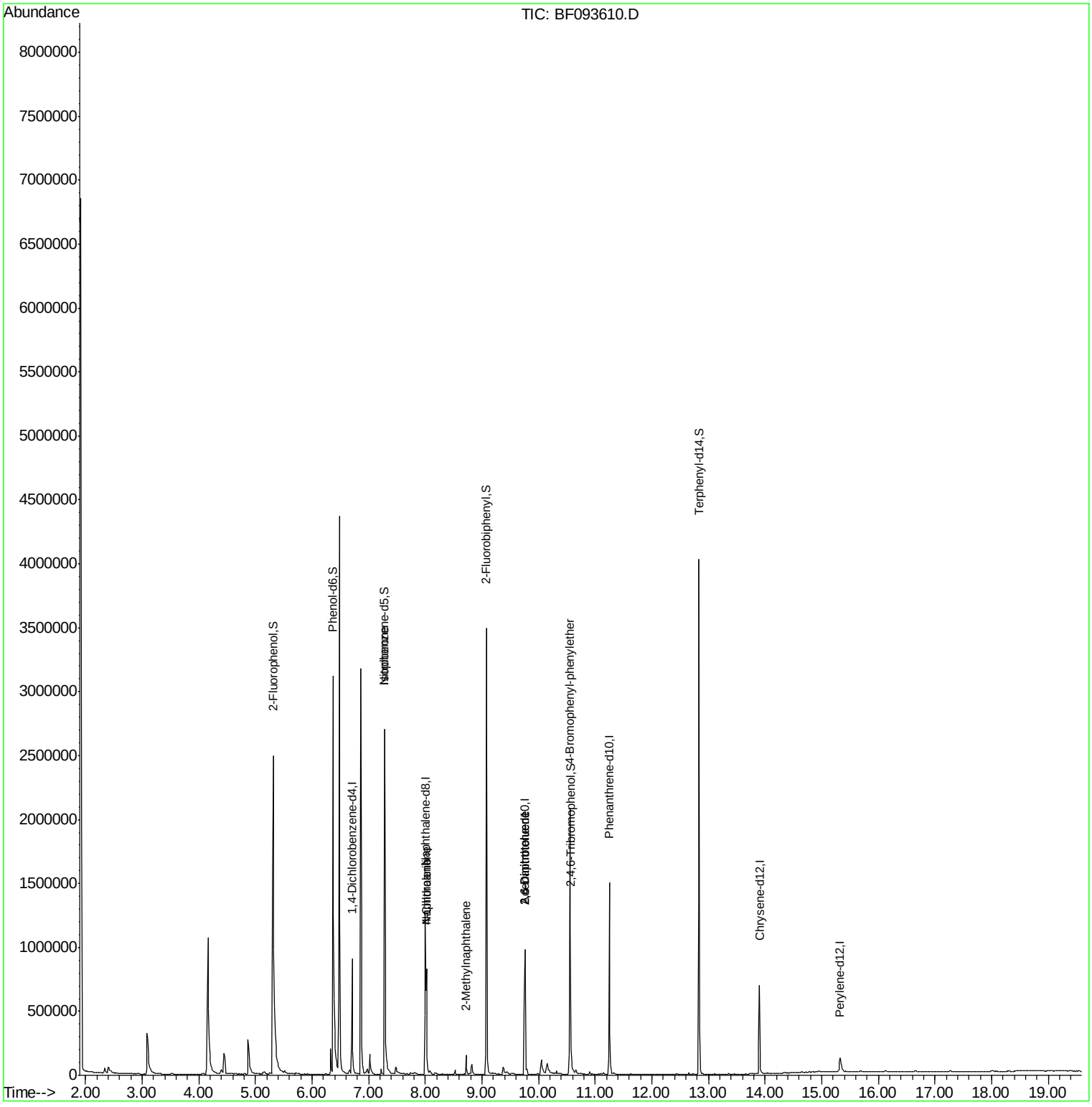
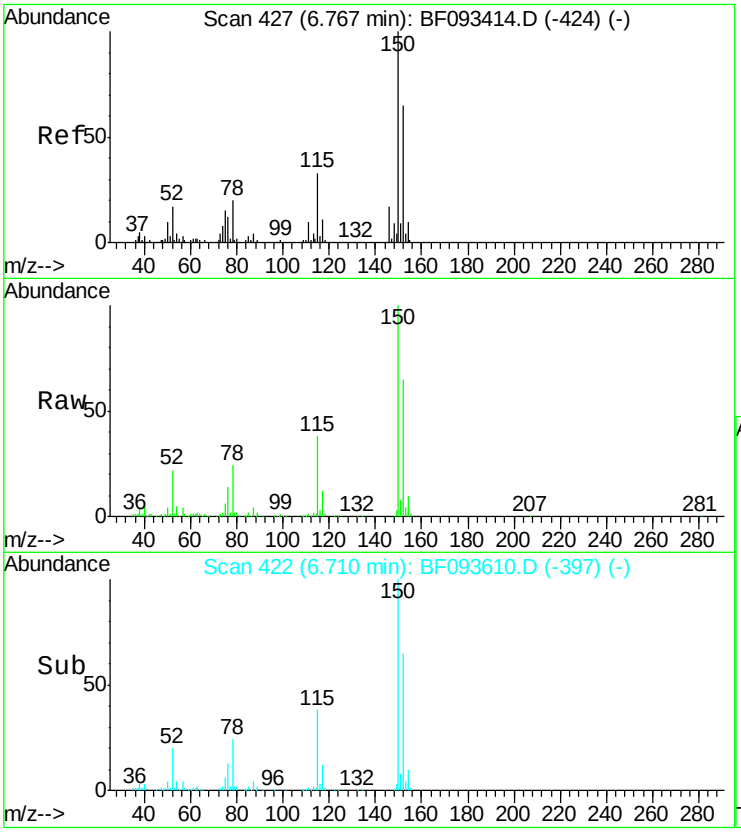


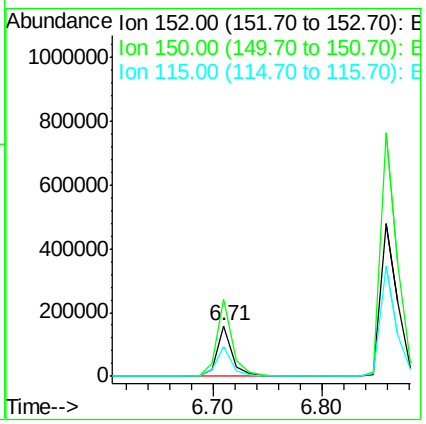


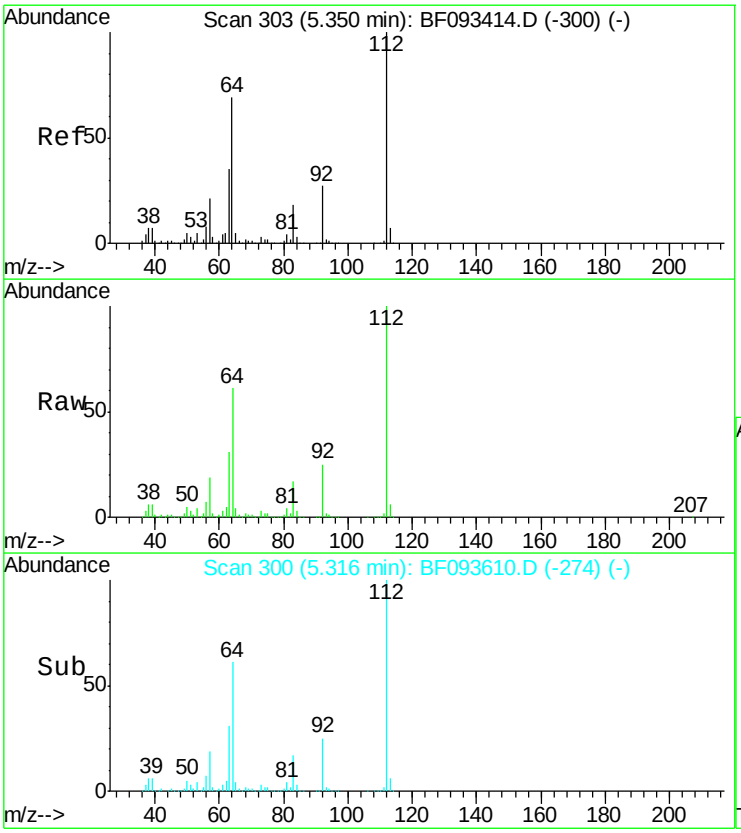
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Instrument :
BNA_F
ClientSampleId :
D-67

Tgt Ion:152 Resp: 155524

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.9	187.3
115	58.3	46.0	69.0

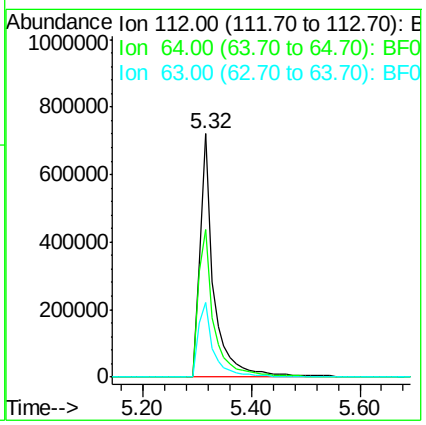


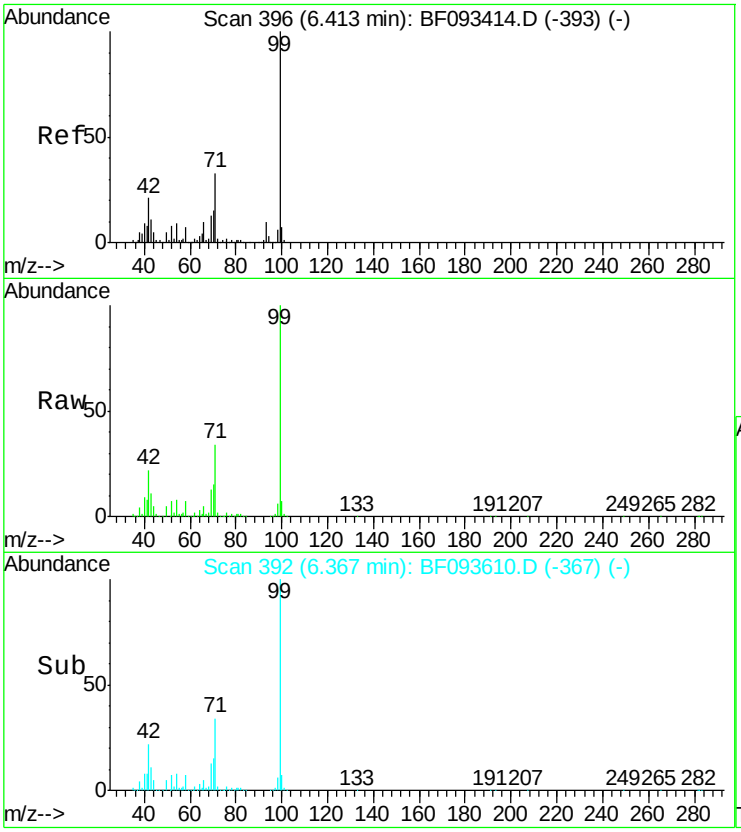


#5
2-Fluorophenol
Concen: 133.82 ng
RT: 5.32 min Scan# 300
Delta R.T. 0.00 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Tgt Ion:112 Resp: 1250520

Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.1	69.1
63	30.8	23.8	35.6



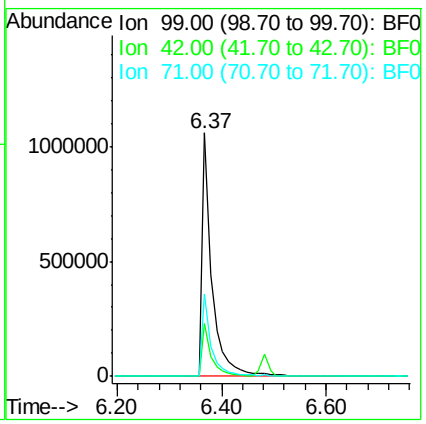


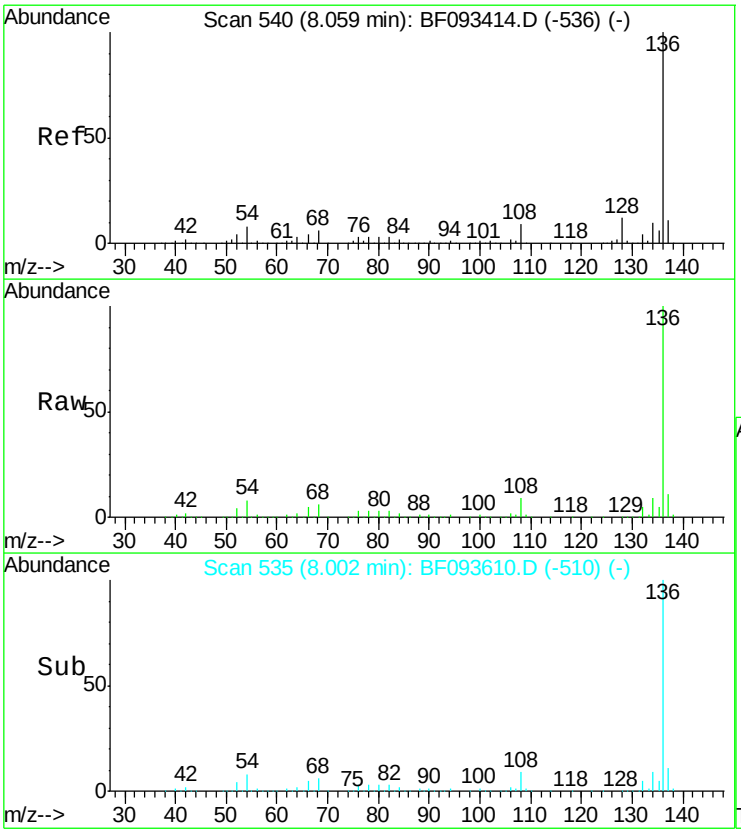
#7
Phenol-d6
Concen: 119.14 ng
RT: 6.37 min Scan# 392
Delta R.T. -0.01 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Instrument :
BNA_F
ClientSampleId :
D-67

Tgt Ion: 99 Resp: 1403867

Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.6	23.4
71	33.6	27.5	41.3

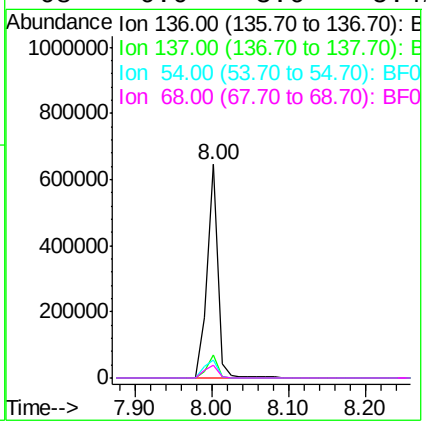


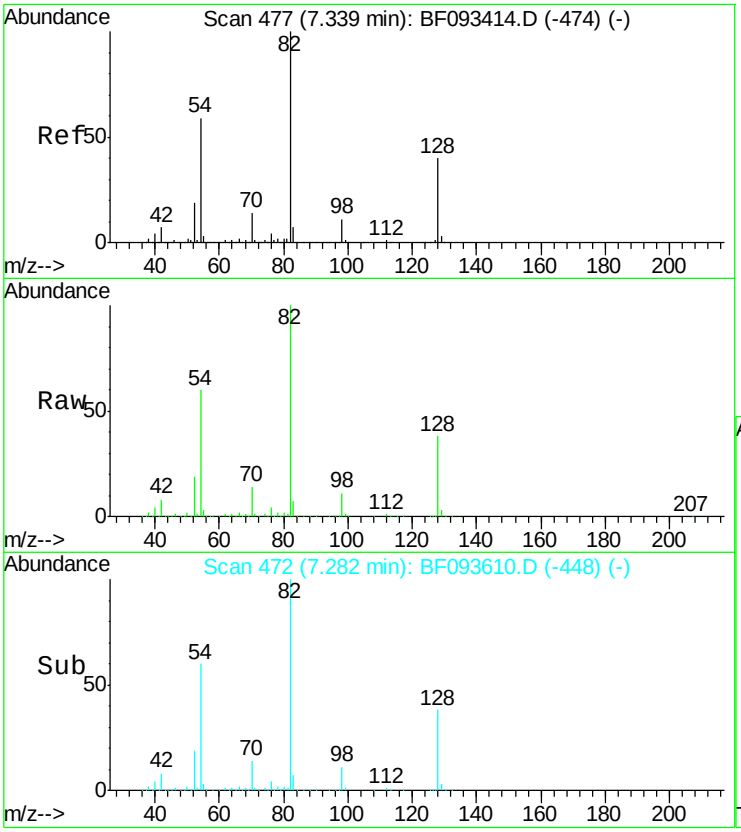


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Tgt Ion:136 Resp: 618617

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.3	4.5	6.7#
68	6.0	3.6	5.4#



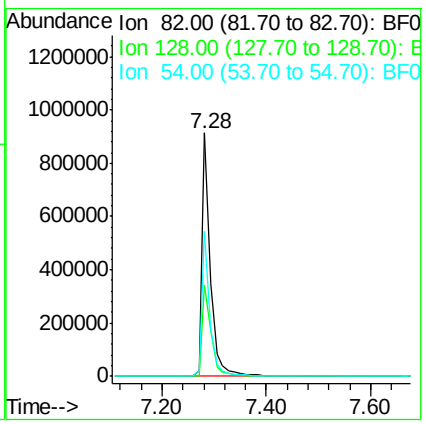


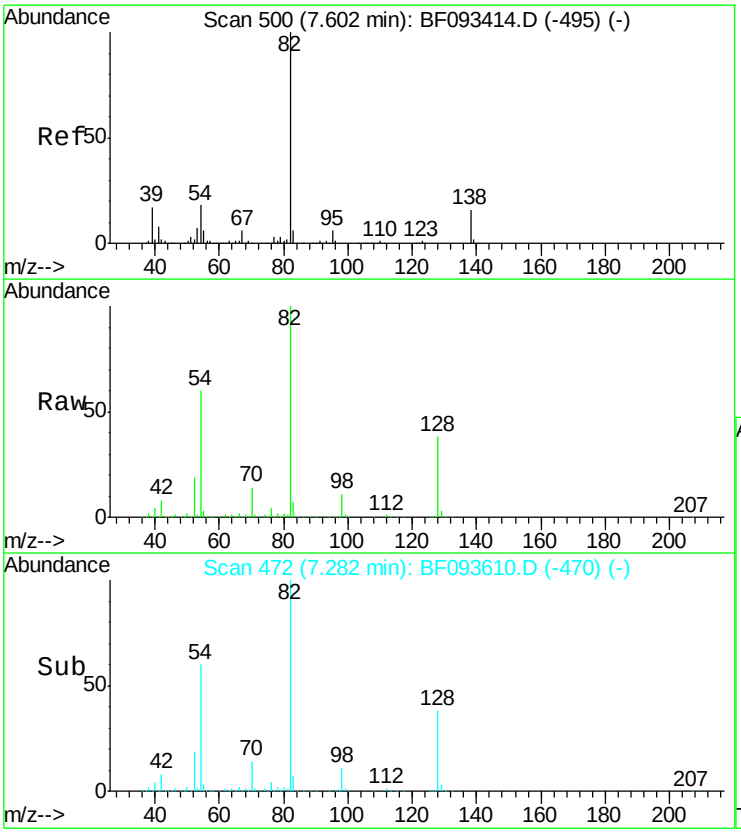
#23
Nitrobenzene-d5
Concen: 91.85 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Instrument :
BNA_F
ClientSampleId :
D-67

Tgt Ion: 82 Resp: 1024110

Ion	Ratio	Lower	Upper
82	100		
128	37.7	34.6	52.0
54	59.7	39.5	59.3#

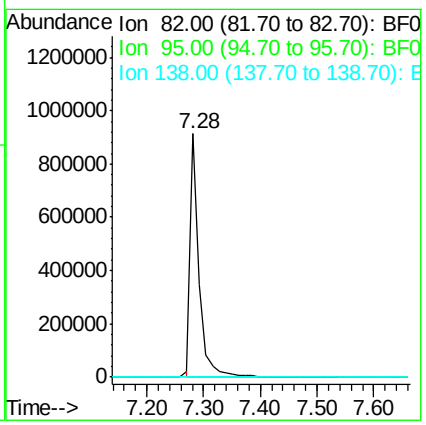


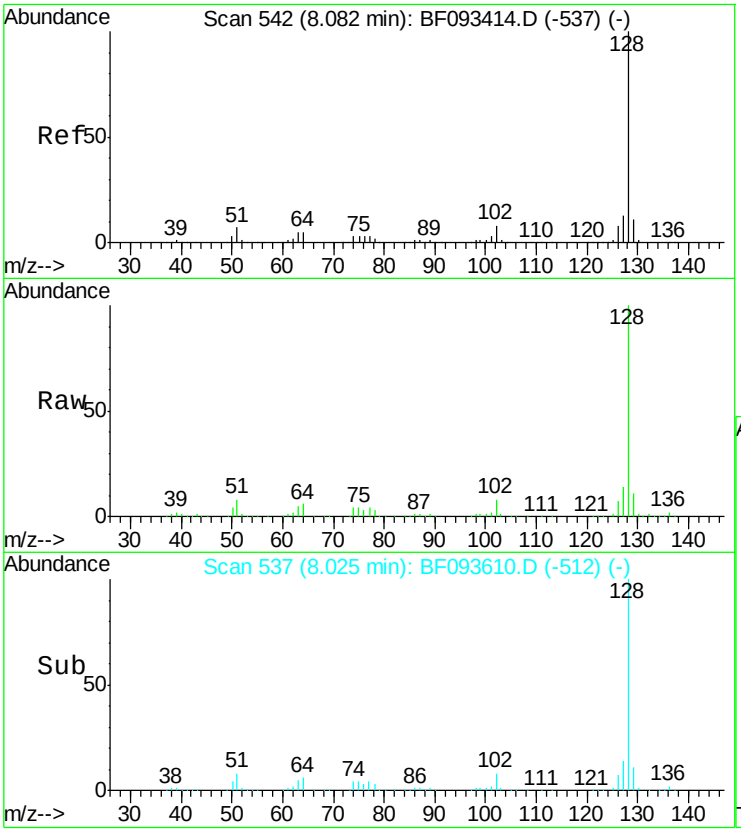


#25
Isophorone
Concen: 44.50 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.27 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Tgt Ion: 82 Resp: 1000463

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



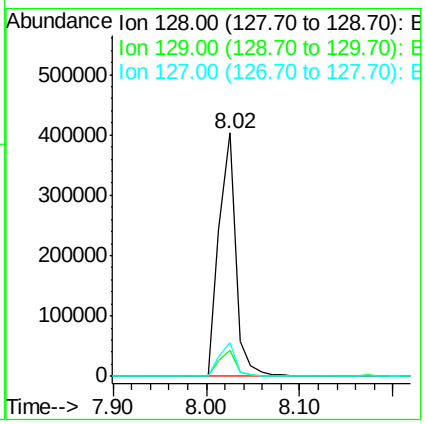


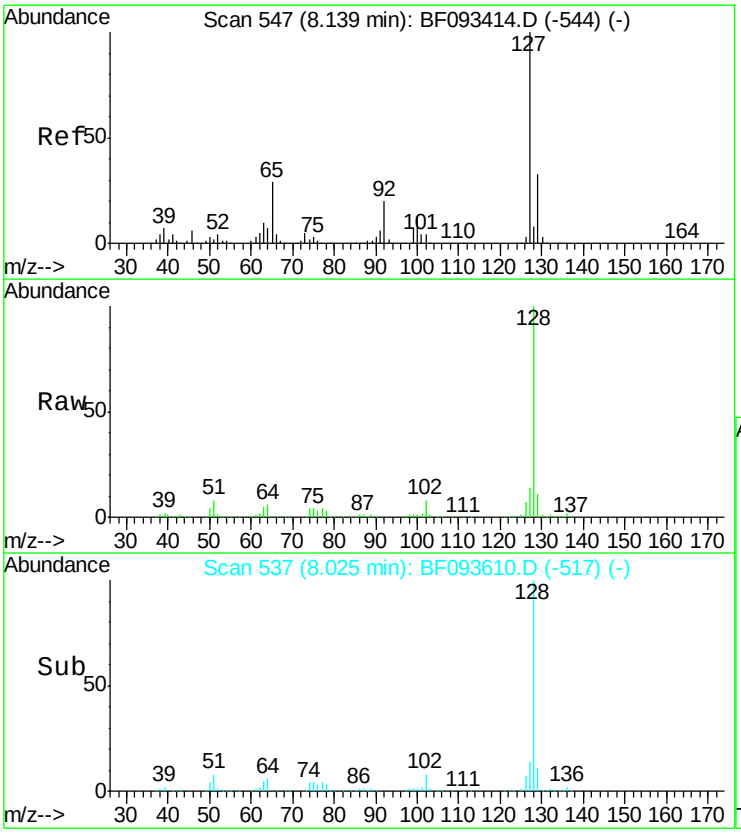
#31
Naphthalene
Concen: 16.39 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Instrument :
BNA_F
ClientSampleId :
D-67

Tgt Ion:128 Resp: 508027

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.5	14.3
127	13.6	10.8	16.2

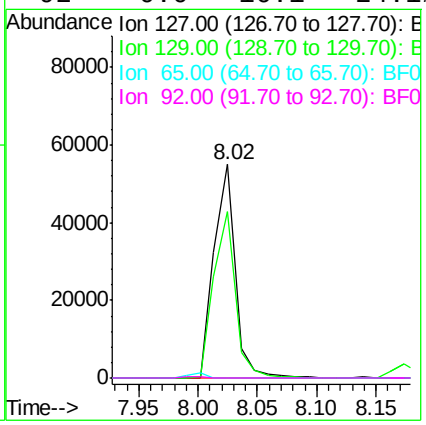


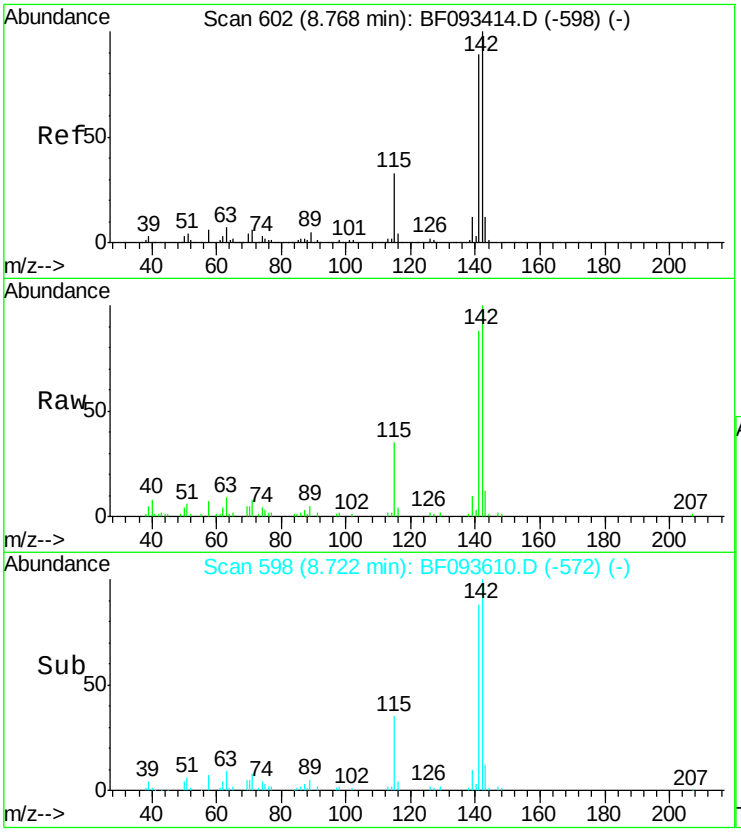


#33
4-Chloroaniline
Concen: 5.42 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.07 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Tgt Ion:127 Resp: 68168

Ion	Ratio	Lower	Upper
127	100		
129	78.2	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#



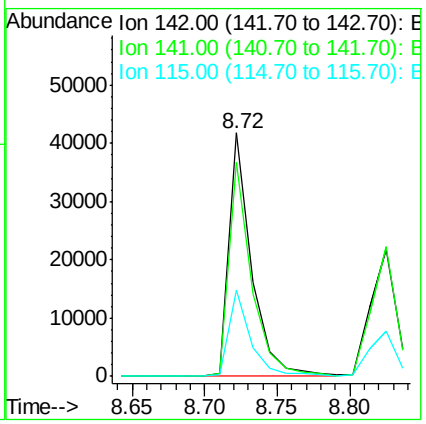


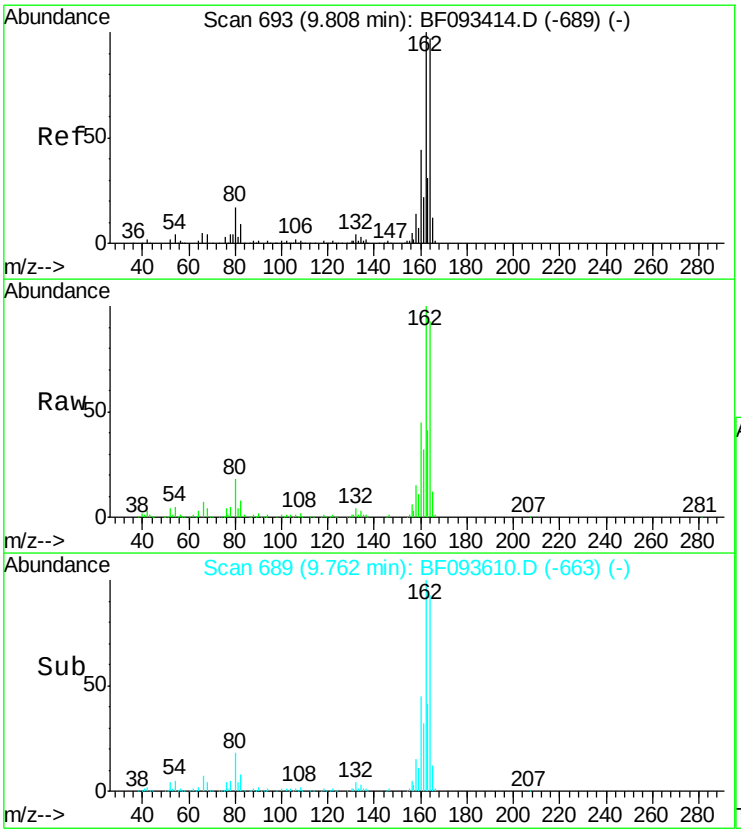
#37
2-Methylnaphthalene
Concen: 2.29 ng
RT: 8.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Instrument :
BNA_F
ClientSampleId :
D-67

Tgt Ion:142 Resp: 45076

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.0	106.6
115	35.2	28.3	42.5

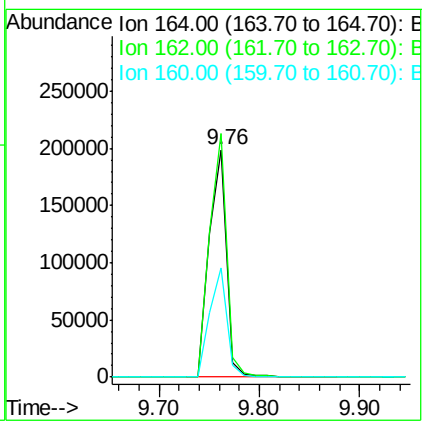


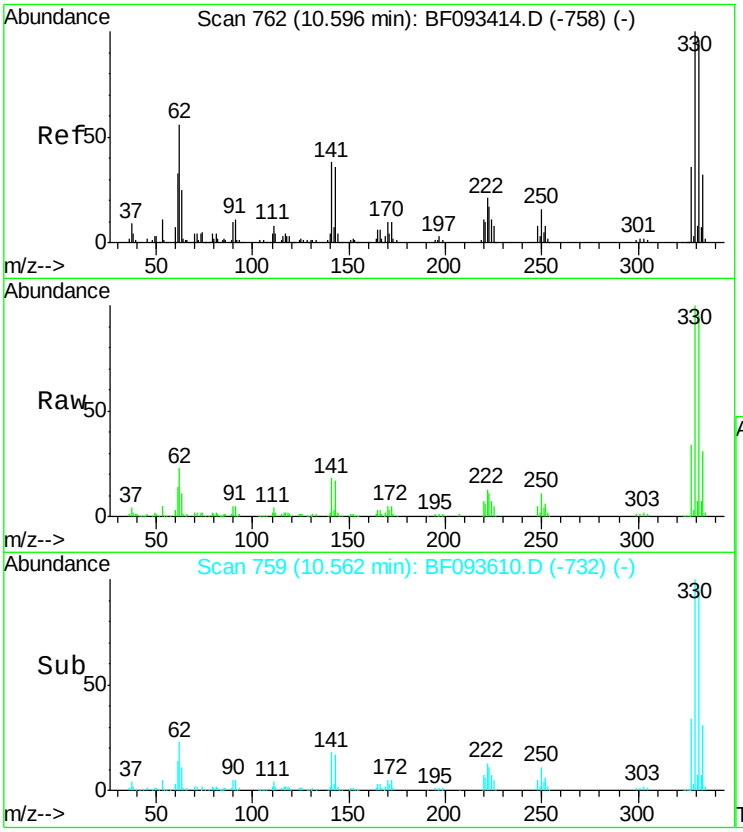


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Tgt Ion:164 Resp: 236946

Ion	Ratio	Lower	Upper
164	100		
162	107.3	80.2	120.2
160	48.3	36.9	55.3



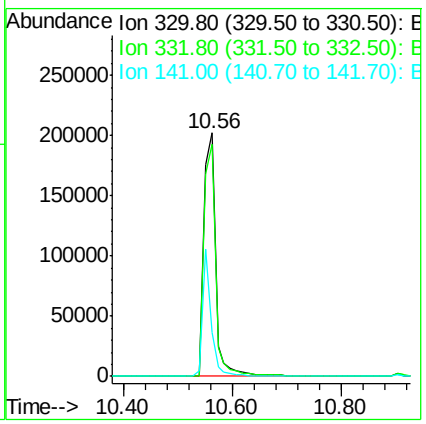


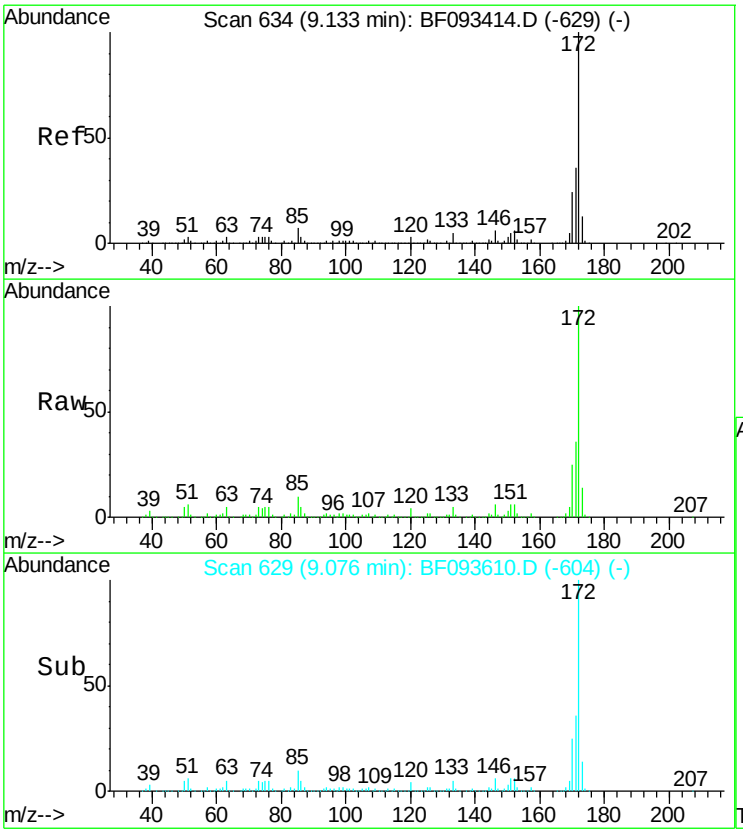
#41
2,4,6-Tribromophenol
Concen: 196.46 ng
RT: 10.56 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Instrument :
BNA_F
ClientSampleId :
D-67

Tgt Ion:330 Resp: 303278

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	38.4	34.1	51.1

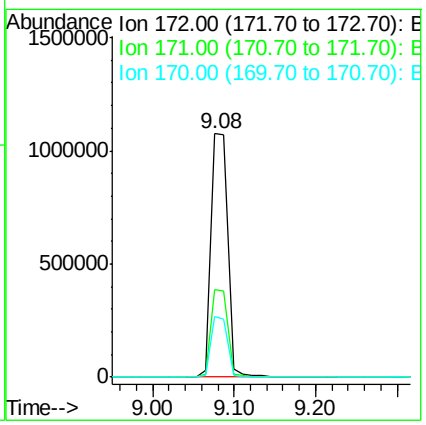


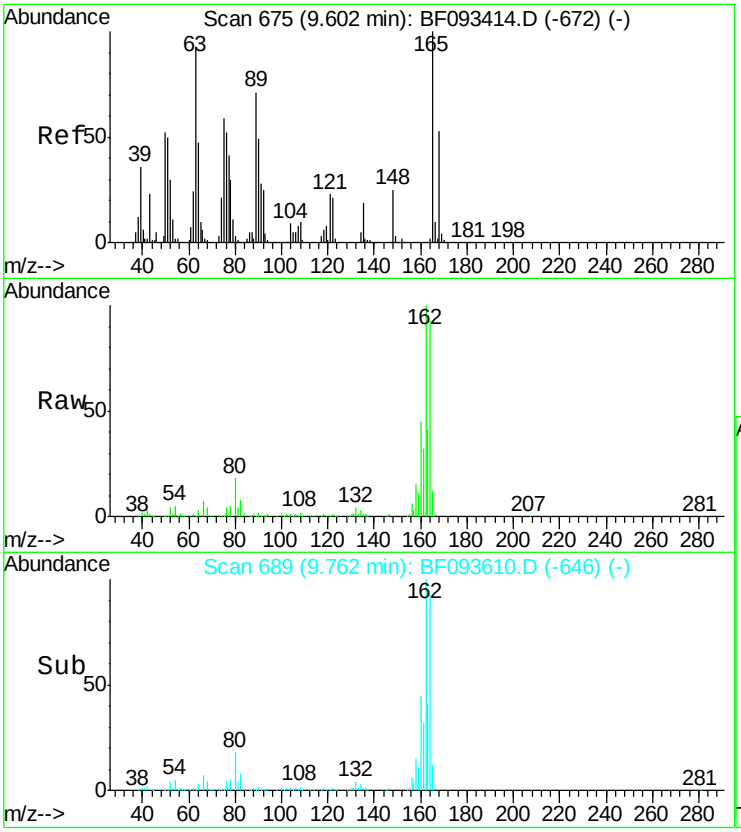


#44
2-Fluorobiphenyl
Concen: 121.79 ng
RT: 9.08 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Tgt Ion:172 Resp: 1551494

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.7	20.2	30.4



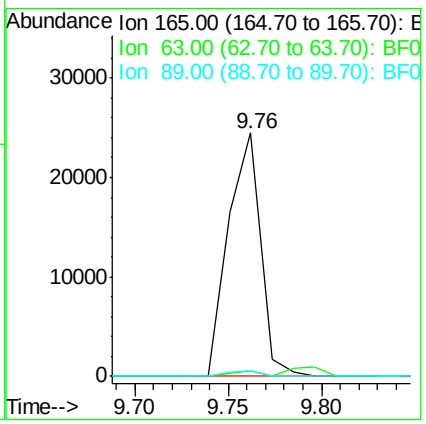


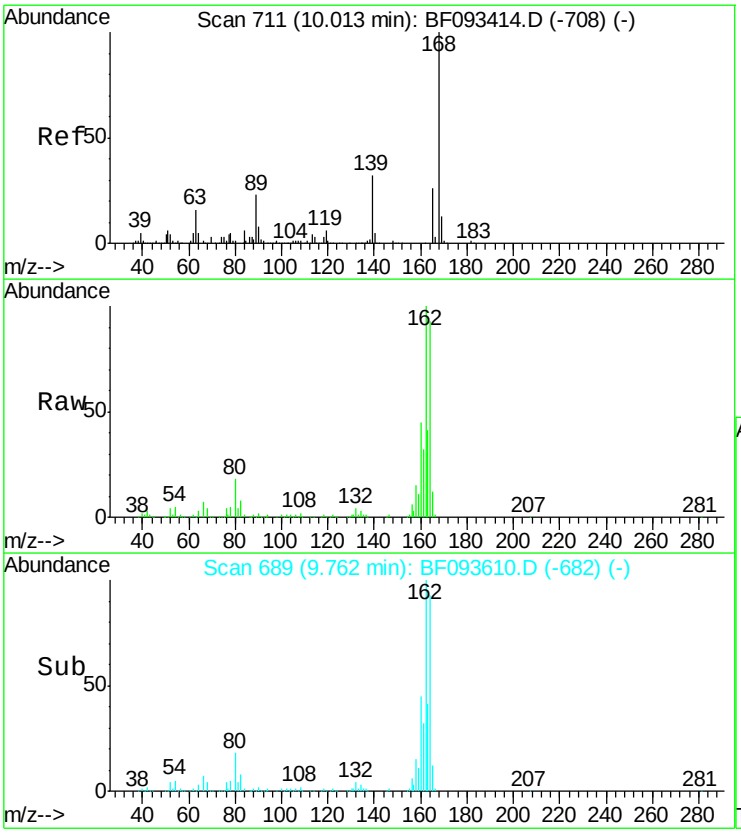
#50
2,6-Dinitrotoluene
Concen: 8.57 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.19 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Instrument :
BNA_F
ClientSampleId :
D-67

Tgt Ion:165 Resp: 29525

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.2	54.4#
89	2.1	40.2	60.4#

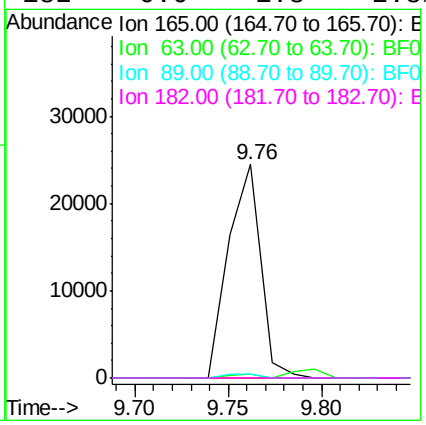


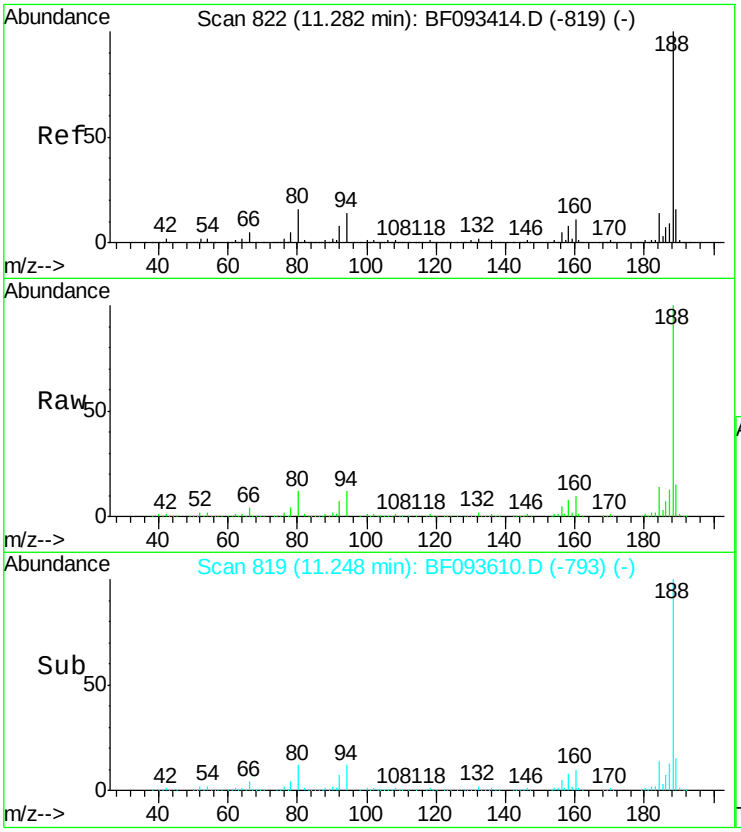


#56
2,4-Dinitrotoluene
Concen: 6.97 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.22 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Tgt Ion:165 Resp: 29525

Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.2	60.4#
89	2.1	62.5	93.7#
182	0.0	1.8	2.8#



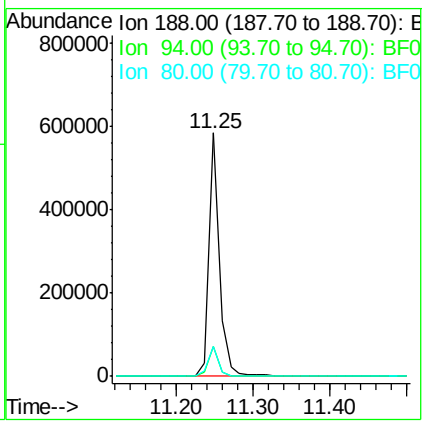


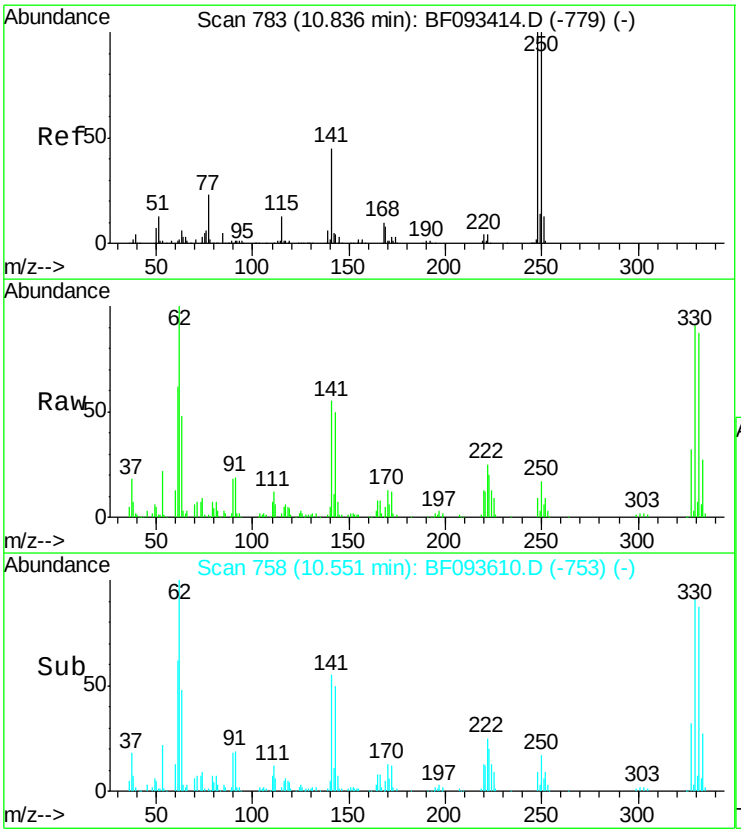
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Instrument :
BNA_F
ClientSampleId :
D-67

Tgt Ion:188 Resp: 545590

Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.0	15.0
80	12.4	11.2	16.8

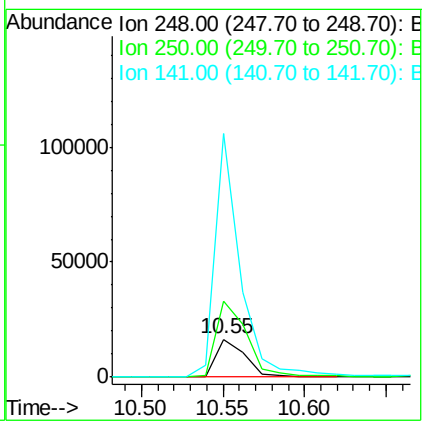


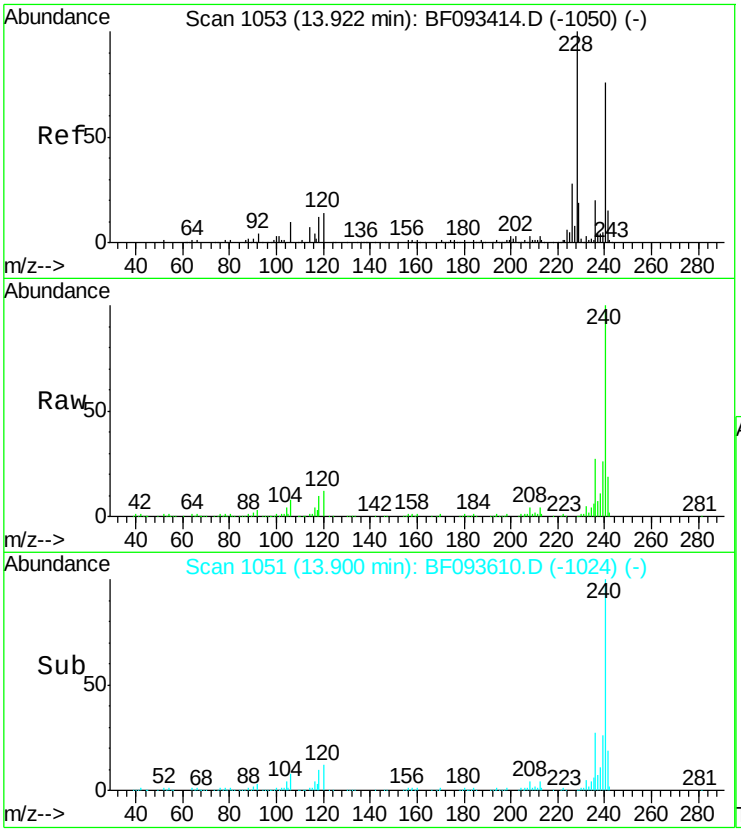


#66
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Tgt Ion:248 Resp: 20582

Ion	Ratio	Lower	Upper
248	100		
250	197.8	76.9	115.3#
141	637.9	68.2	102.4#



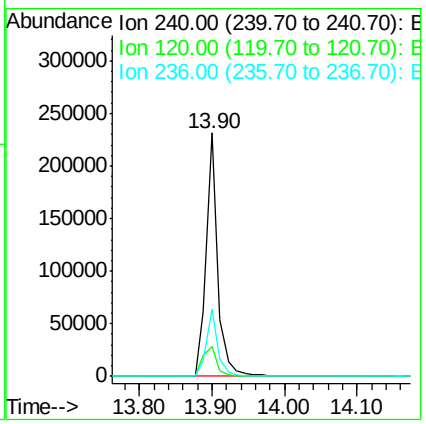


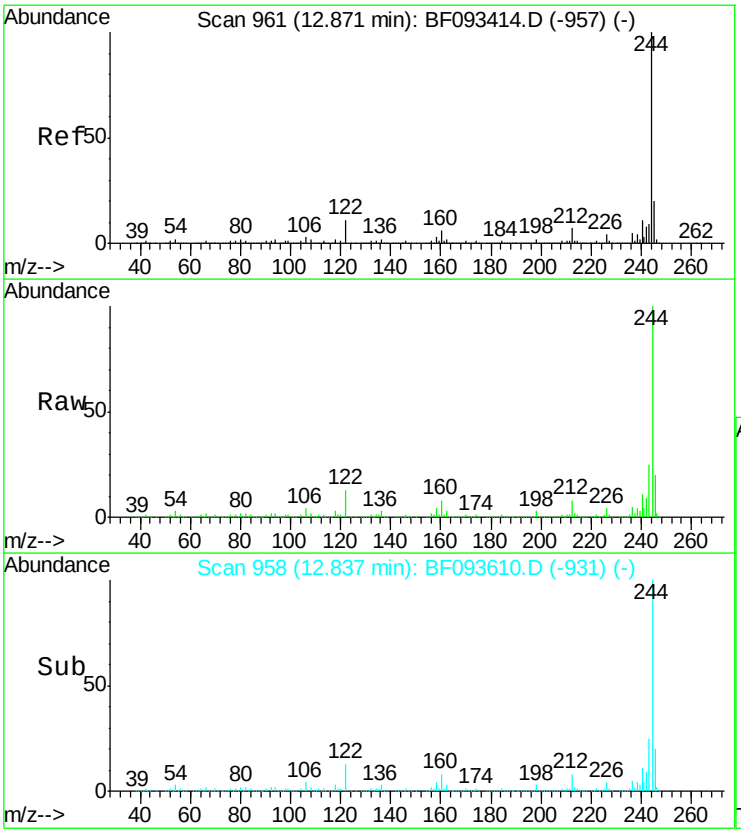
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Instrument :
BNA_F
ClientSampleId :
D-67

Tgt Ion:240 Resp: 257607

Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.9	19.3#
236	27.3	20.9	31.3

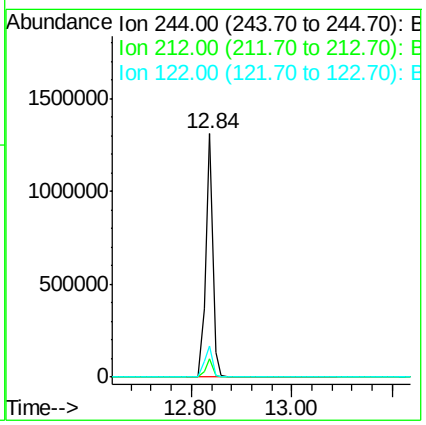


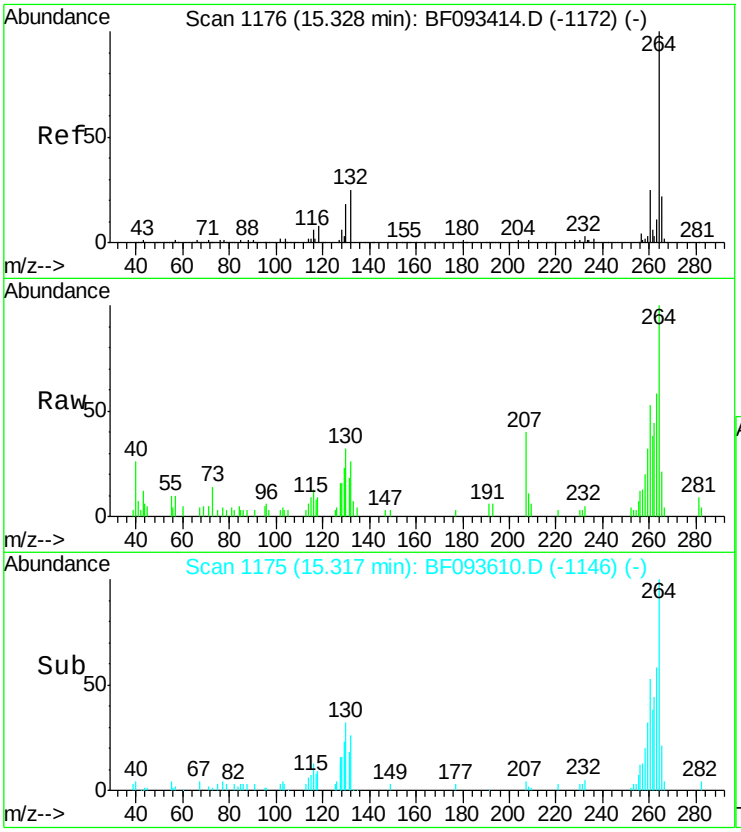


#78
Terphenyl-d14
Concen: 127.92 ng
RT: 12.84 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Tgt Ion:244 Resp: 1267439

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.9	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. 0.03 min
Lab File: BF093610.D
Acq: 13 Mar 2017 16:35

Instrument :
BNA_F
ClientSampleId :
D-67

Tgt Ion:264 Resp: 15897

Ion	Ratio	Lower	Upper
264	100		
260	52.5	19.2	28.8#
265	21.0	17.4	26.0