Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
Data File : BF102391.D
Acq On : 24 Jan 2018 16:03
Operator : SJ/JU
Sample : J1250-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 25 00:07:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	139469	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	583863	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	264458	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	445928	20.00	ng		0.00
75) Chrysene-d12	13.87	240	287638	20.00	ng		0.00
86) Perylene-d12	15.29	264	261286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	980482	106.59	ng		0.00
7) Phenol-d6	6.36	99	1204308	108.60	ng		0.00
23) Nitrobenzene-d5	7.28	82	762242	75.02	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	231676	88.41	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1196075	66.50	ng		0.00
78) Terphenyl-d14	12.82	244	911573	71.44	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	58305	4.816	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	100557	14.818	ng	#	80
25) Isophorone	7.28	82	762232	42.083	ng	#	64
49) Dimethylphthalate	9.47	163	337982	15.462	ng		99
56) 2,4-Dinitrotoluene	9.75	165	34928	6.027	ng	#	23
59) Diethylphthalate	10.16	149	56235	2.647	ng		98
62) Azobenzene	10.46	77	300520	15.452	ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	16232	3.381	ng	#	1

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

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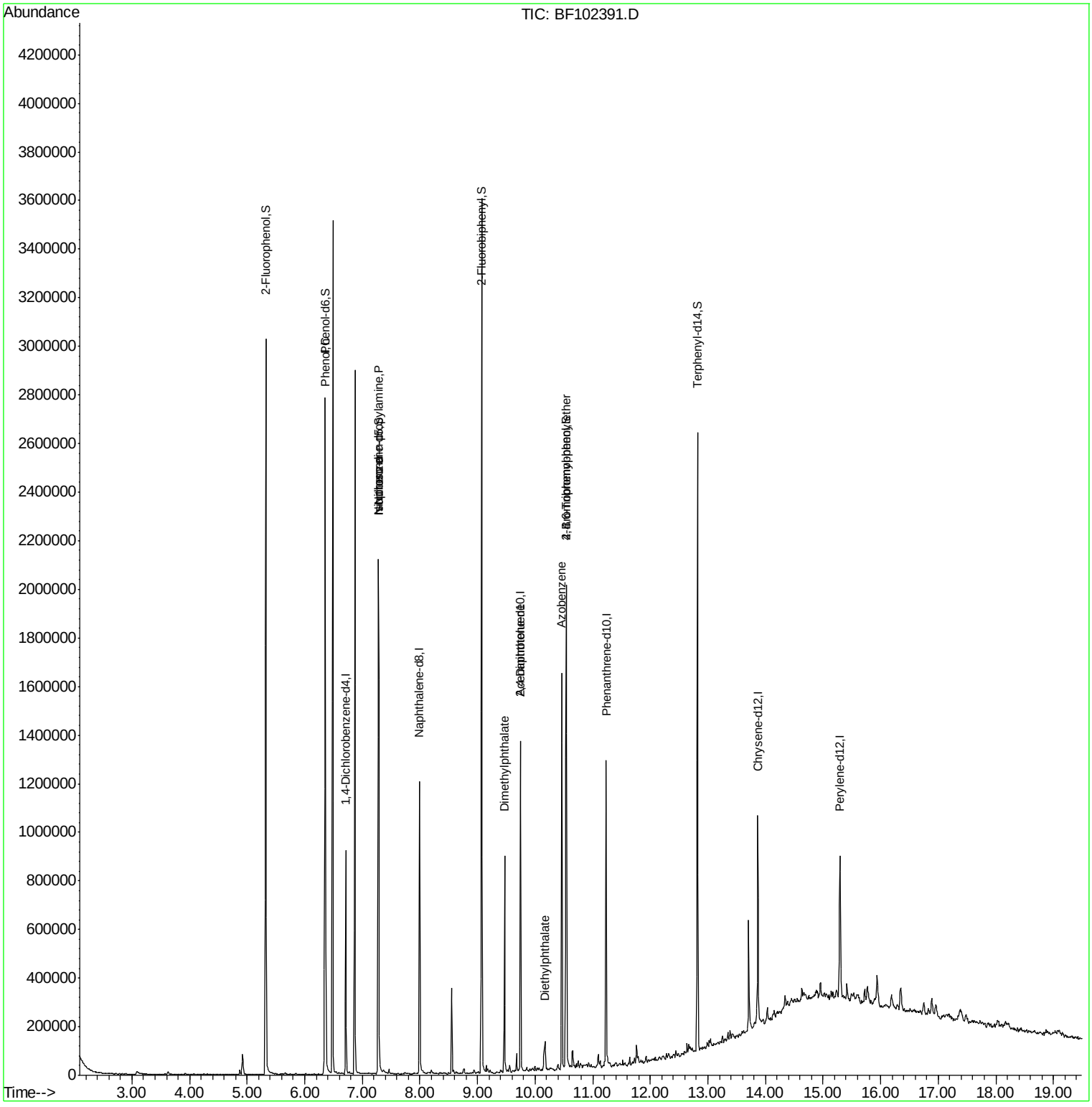
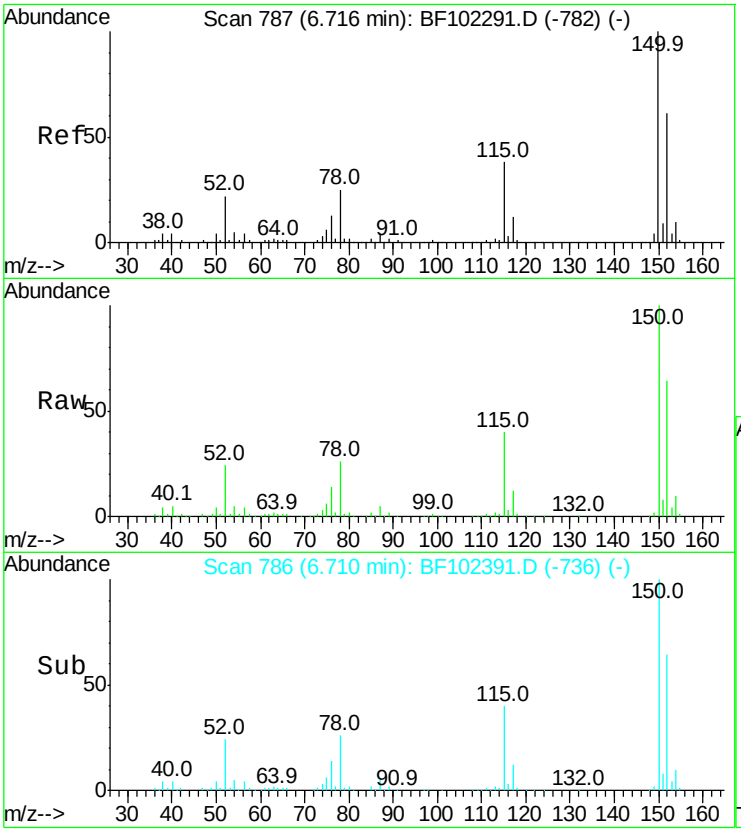


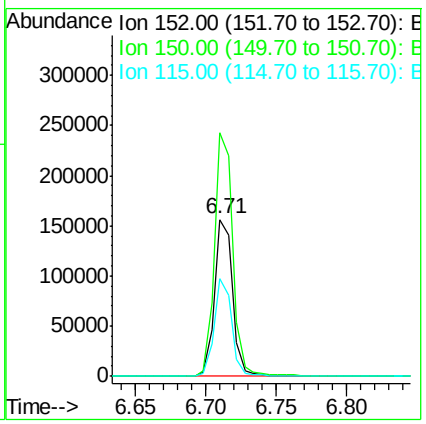


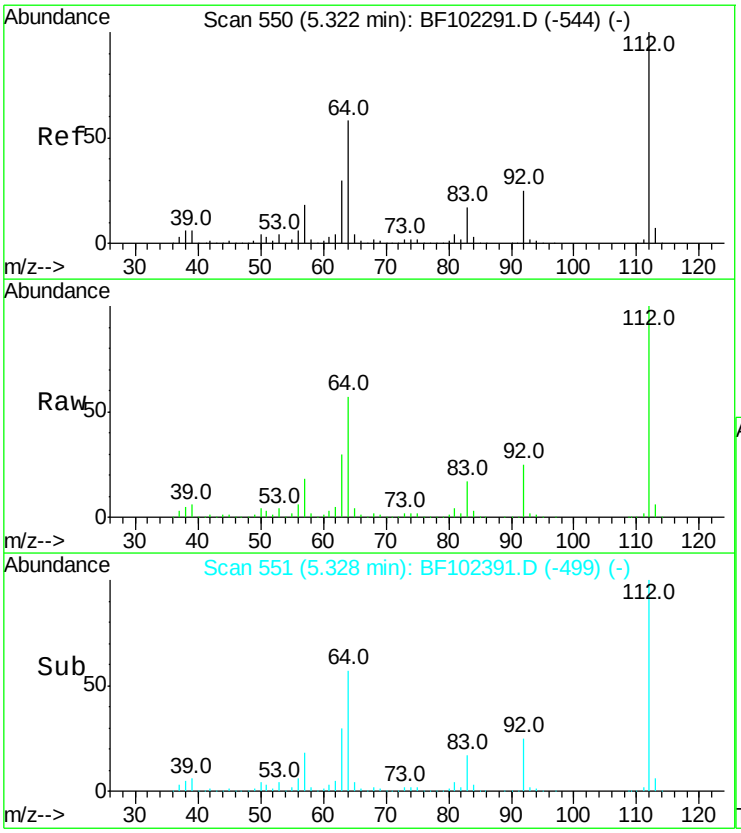
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139469

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	62.1	50.1	75.1

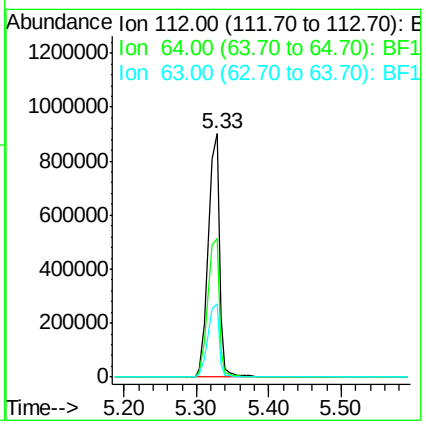


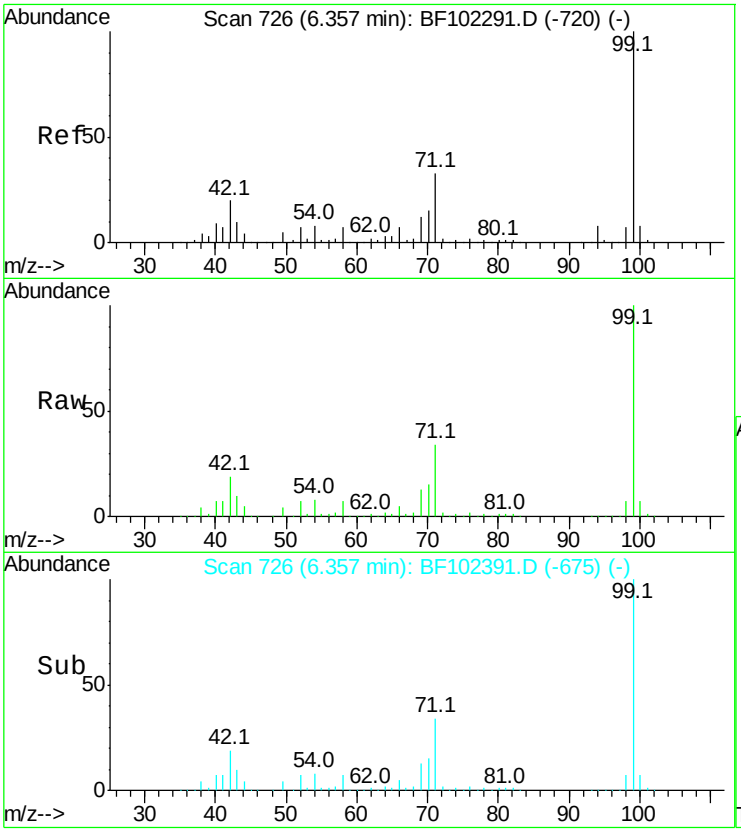


#5
2-Fluorophenol
Concen: 106.595 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Tgt Ion:112 Resp: 980482

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	30.0	23.7	35.5



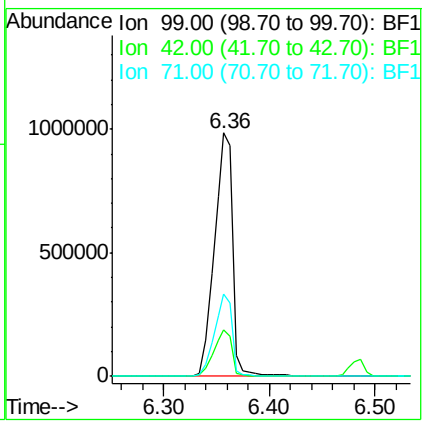


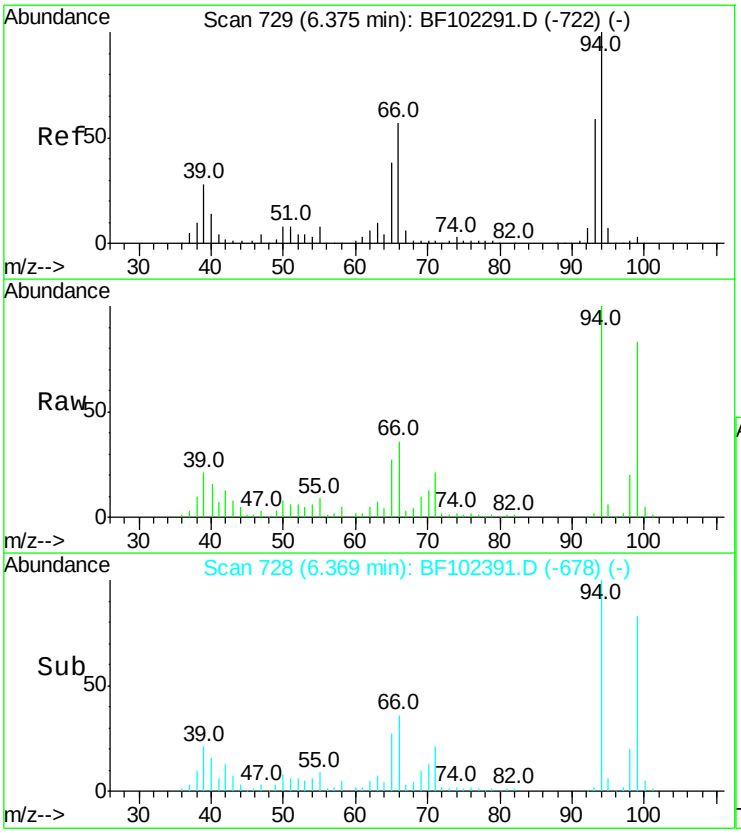
#7
Phenol-d6
Concen: 108.601 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1204308

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.7	25.4	38.0

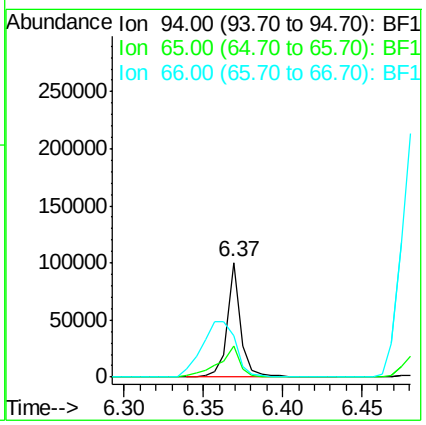


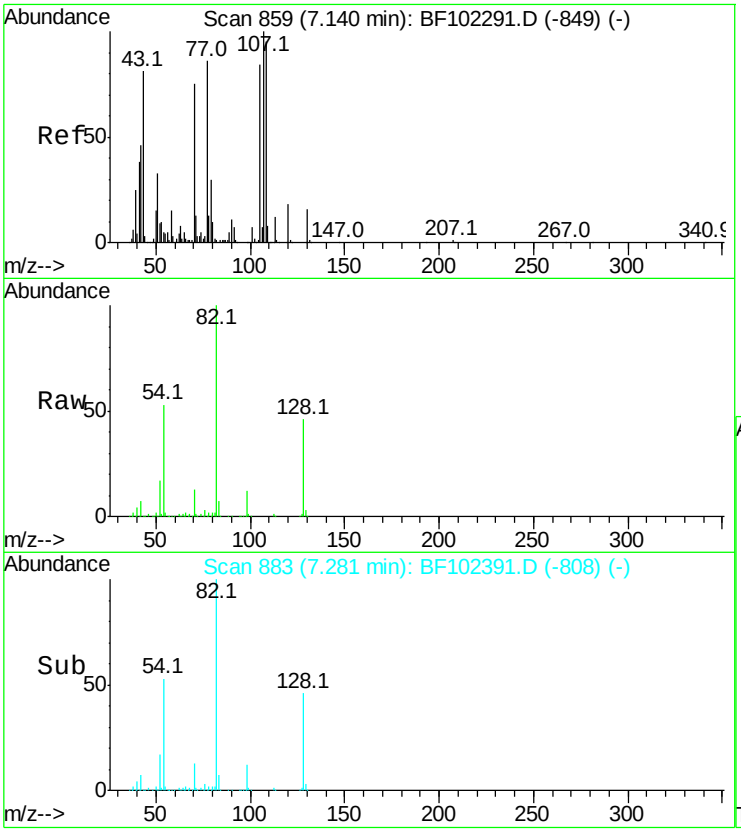


#10
Phenol
Concen: 4.816 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Tgt Ion: 94 Resp: 58305

Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.9	47.9
66	36.1	16.2	56.2



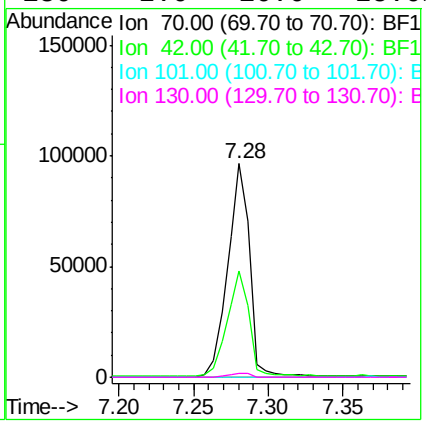


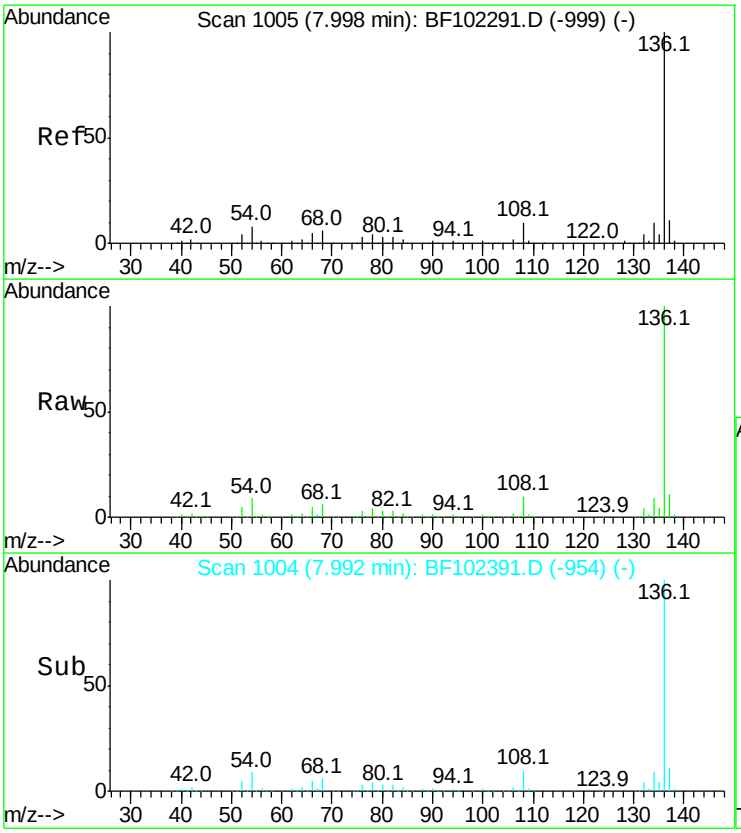
#19
n-Nitroso-di-n-propylamine
Concen: 14.818 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 100557

Ion	Ratio	Lower	Upper
70	100		
42	50.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

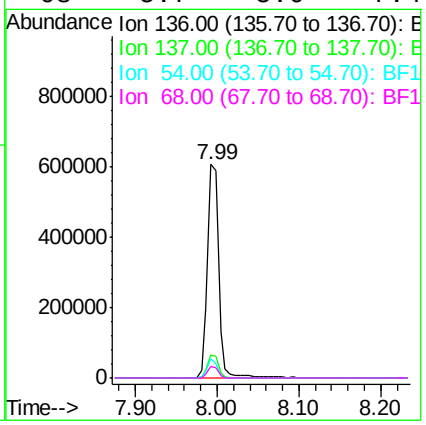


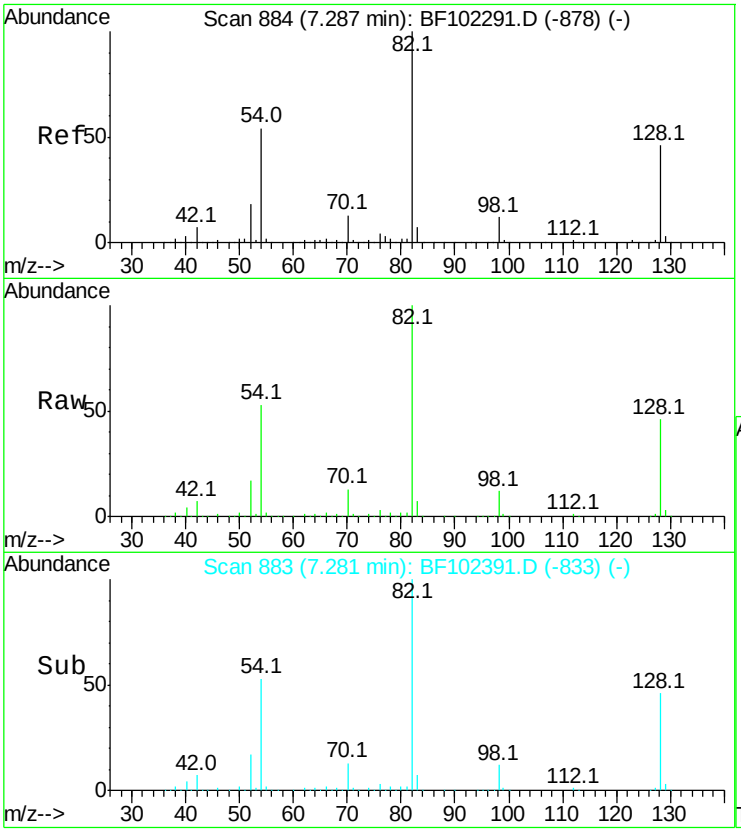


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Tgt Ion:136 Resp: 583863

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	6.6	9.8
68	5.7	5.0	7.4



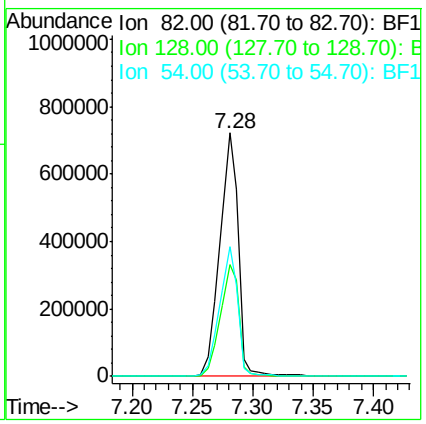


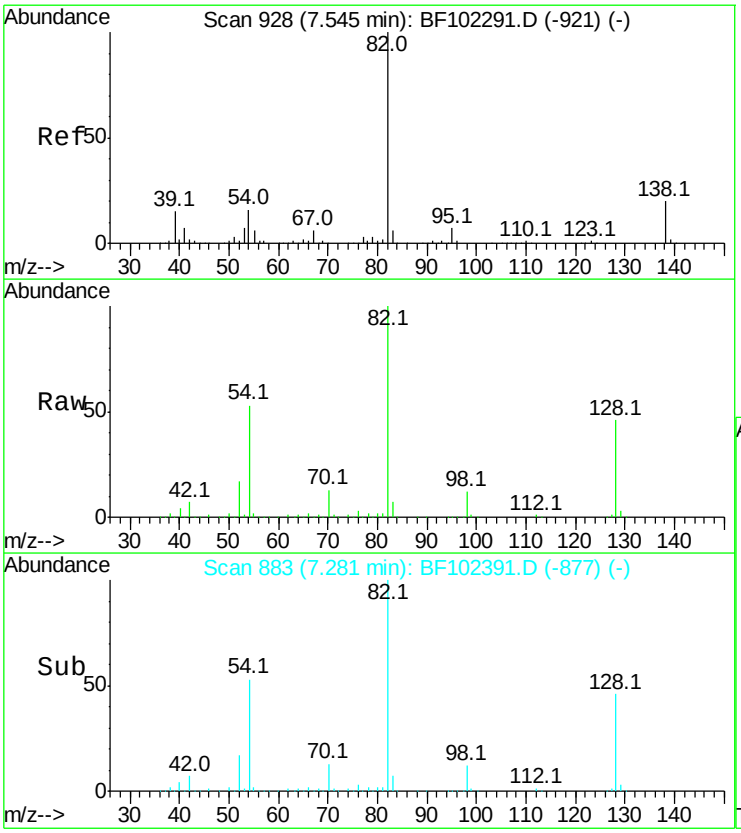
#23
Nitrobenzene-d5
Concen: 75.024 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 762242

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	53.4	41.4	62.2

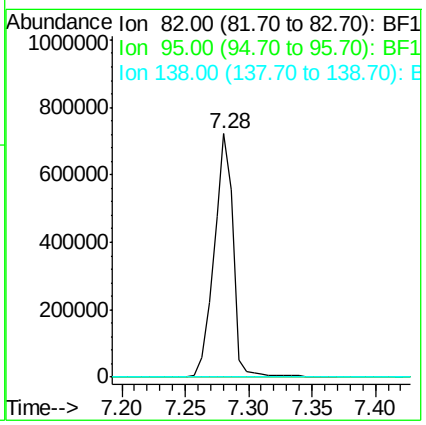


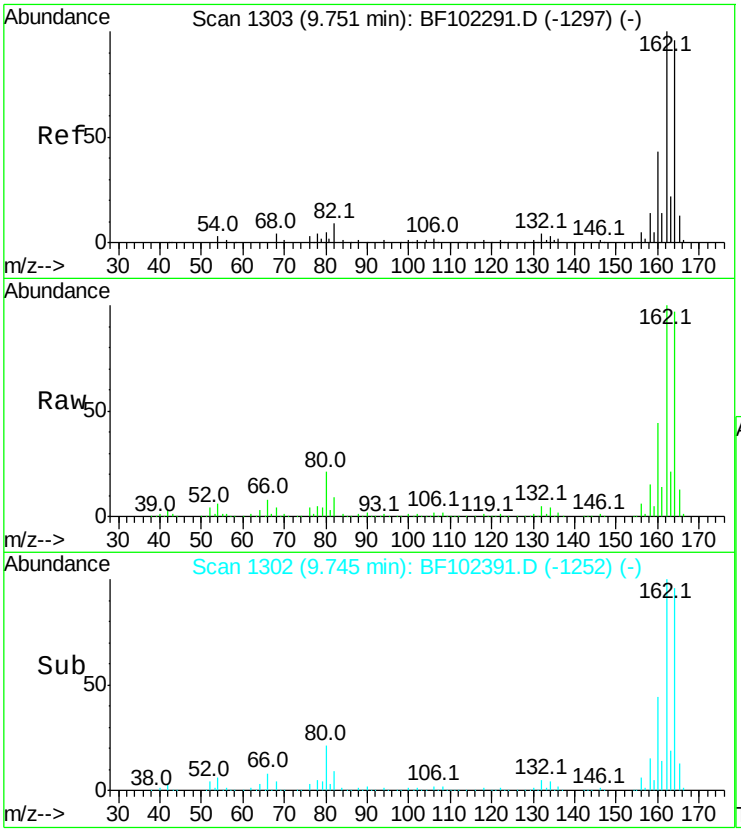


#25
Isophorone
Concen: 42.083 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Tgt Ion: 82 Resp: 762232

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



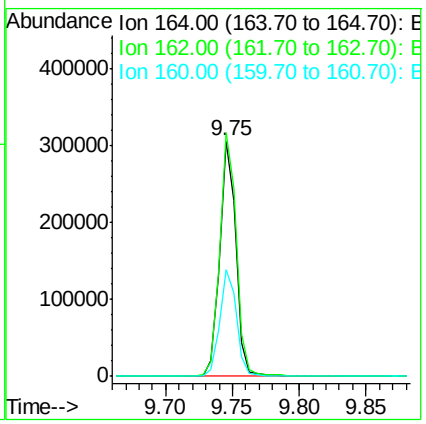


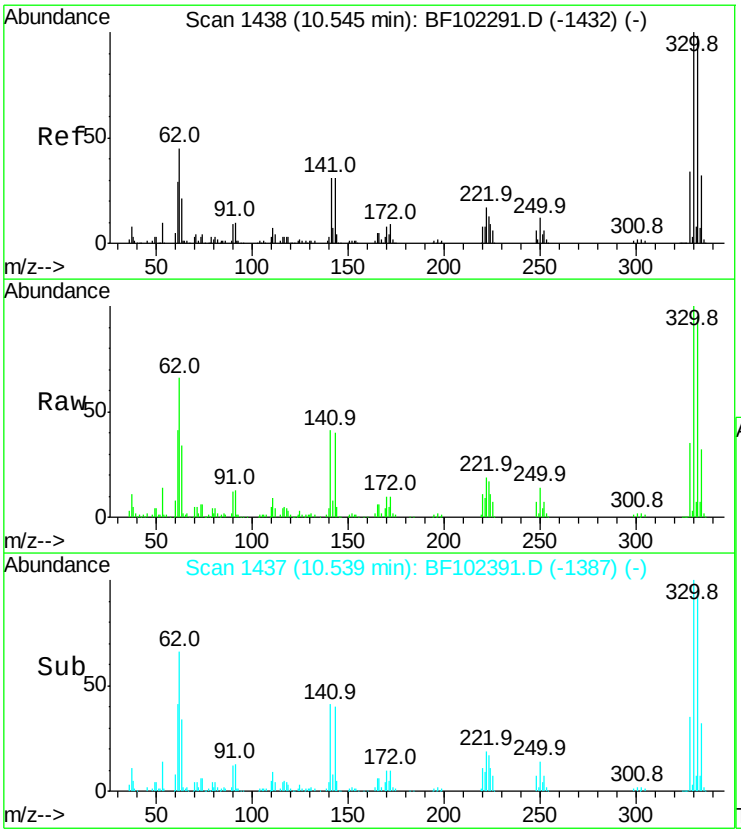
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 264458

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.4	38.3	57.5

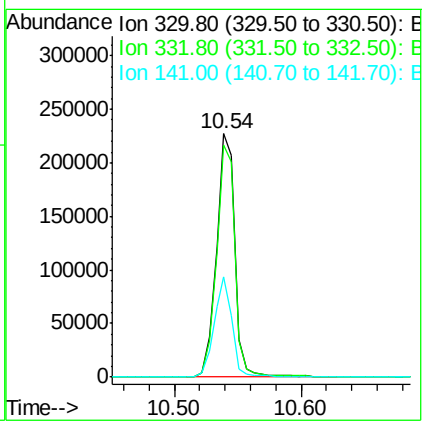


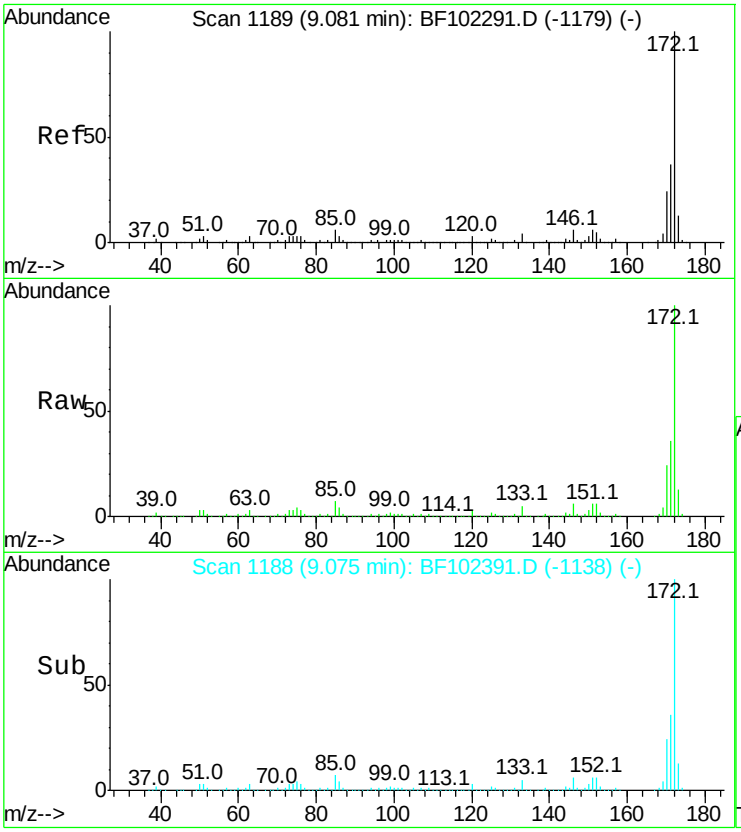


#41
2,4,6-Tribromophenol
Concen: 88.413 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Tgt Ion:330 Resp: 231676

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	40.3	29.9	44.9



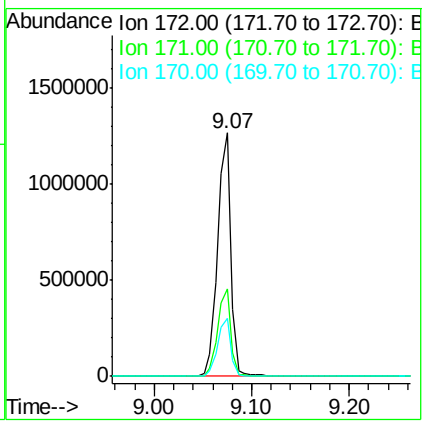


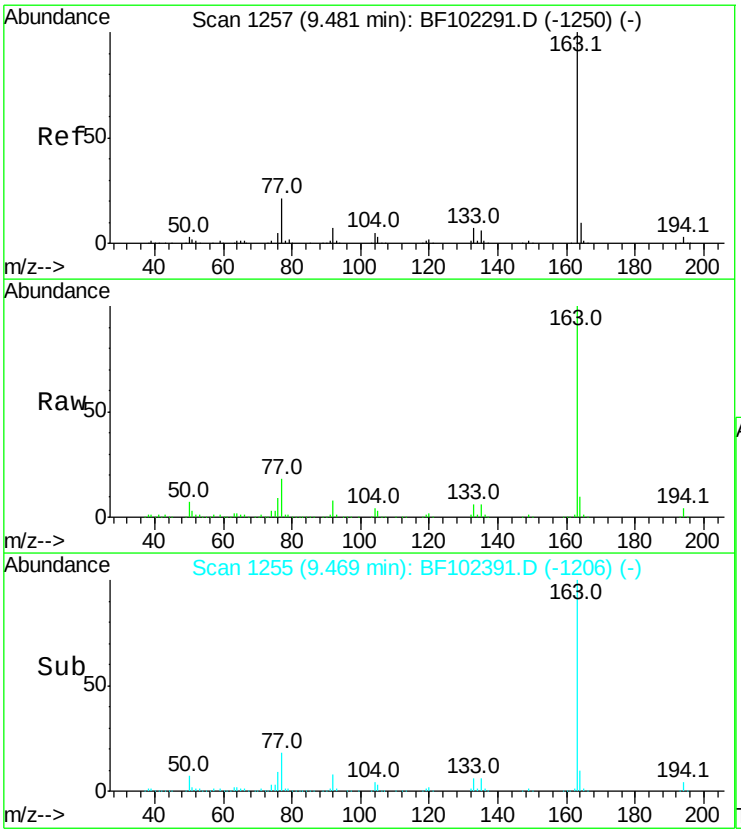
#44
2-Fluorobiphenyl
Concen: 66.500 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1196075

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4

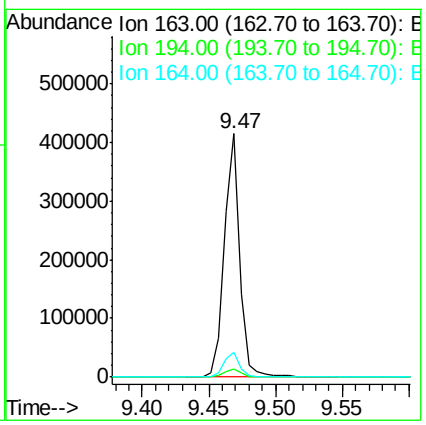


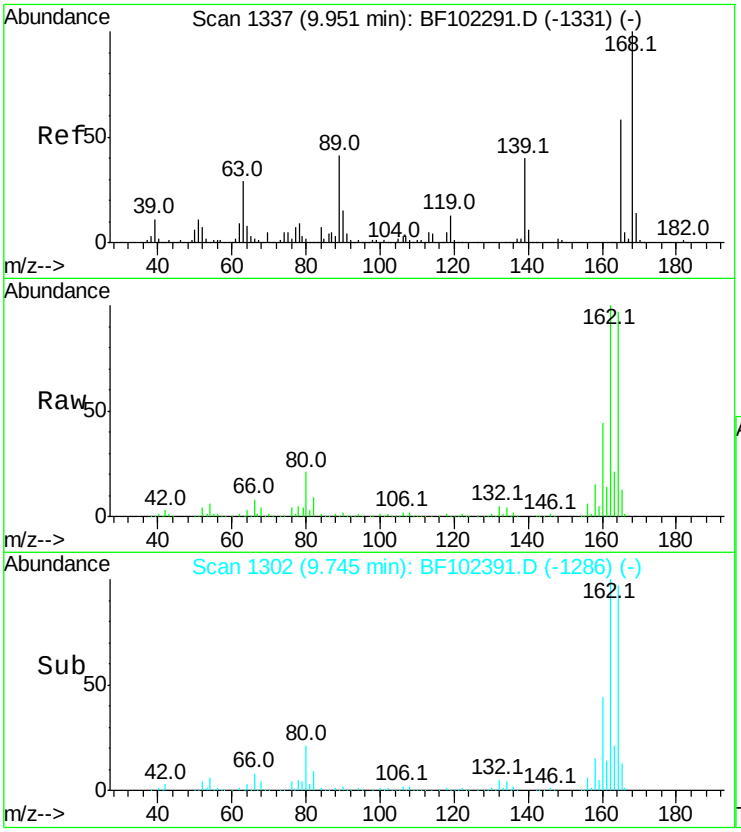


#49
Dimethylphthalate
Concen: 15.462 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Tgt Ion:163 Resp: 337982

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2



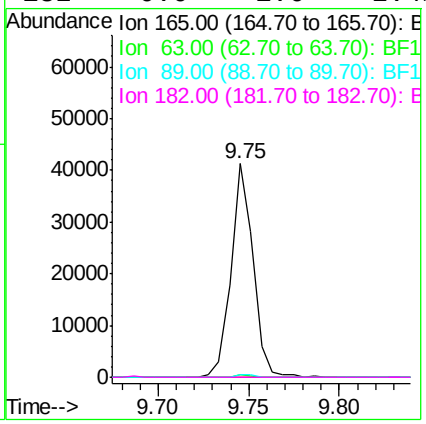


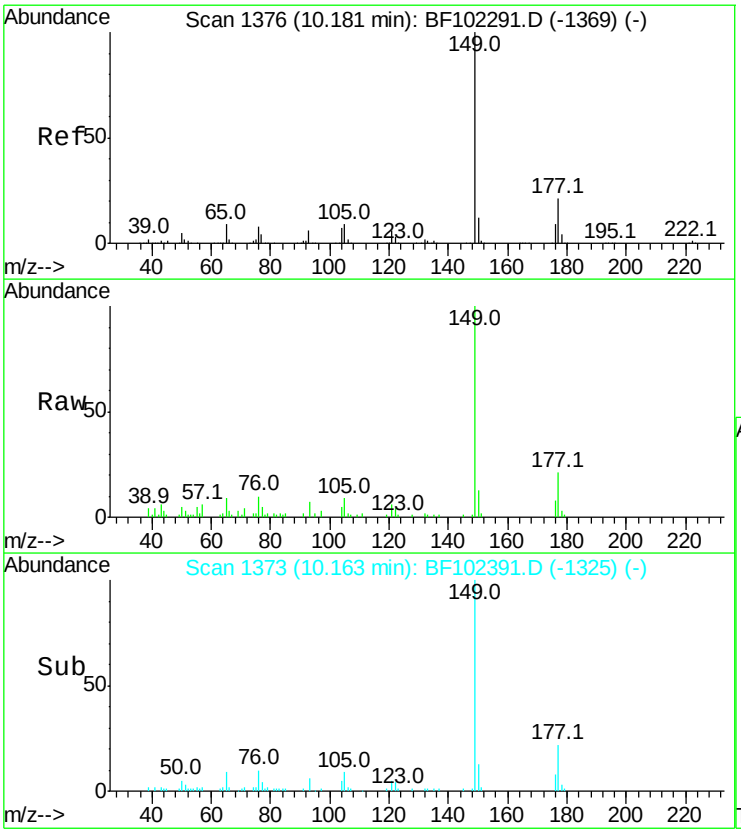
#56
2,4-Dinitrotoluene
Concen: 6.027 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34928

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

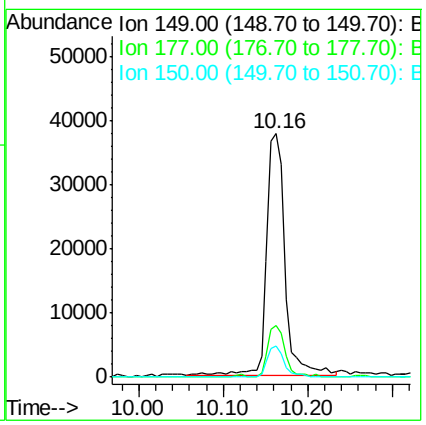


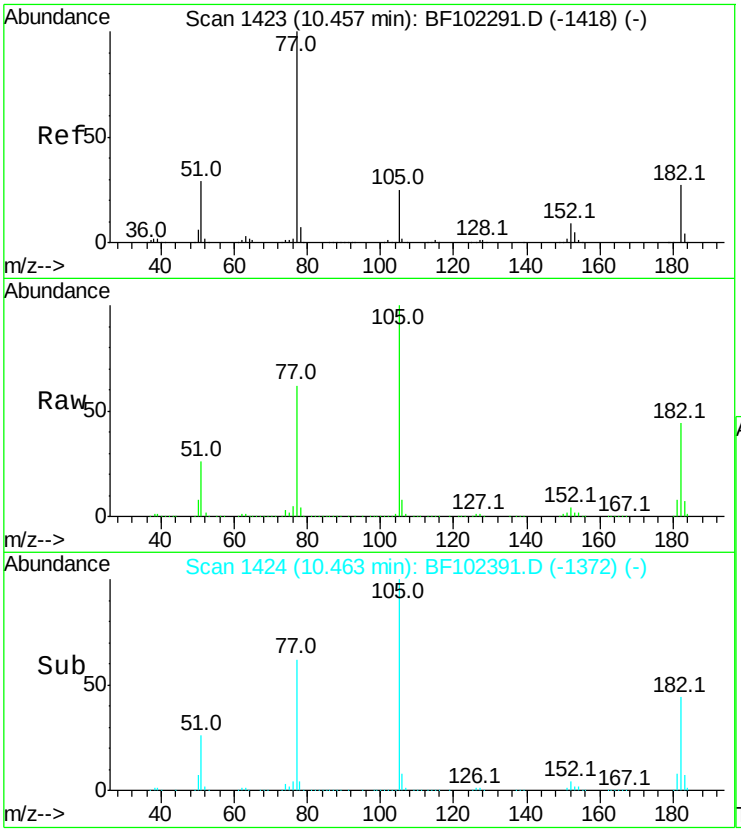


#59
Diethylphthalate
Concen: 2.647 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Tgt Ion:149 Resp: 56235

Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	13.0	10.1	15.1



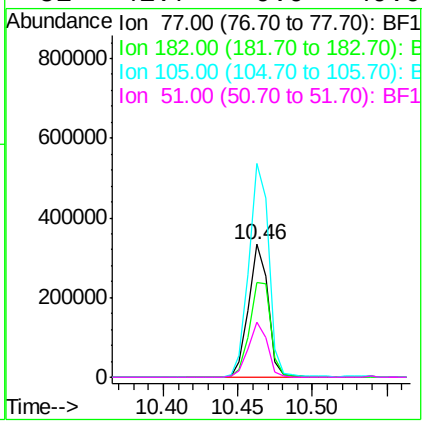


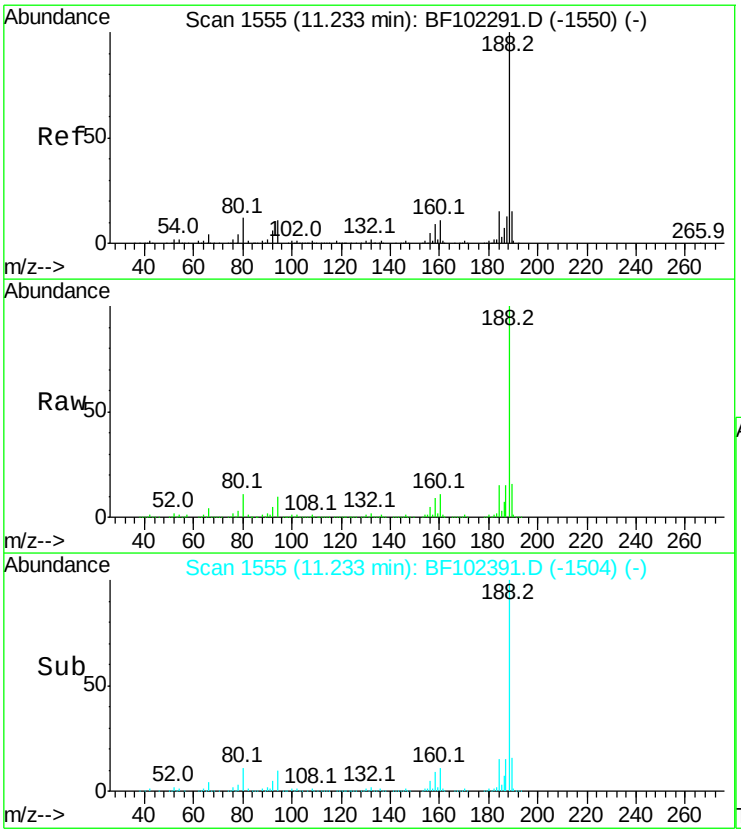
#62
Azobenzene
Concen: 15.452 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 300520

Ion	Ratio	Lower	Upper
77	100		
182	71.1	1.7	41.7#
105	161.1	3.0	43.0#
51	41.7	9.9	49.9

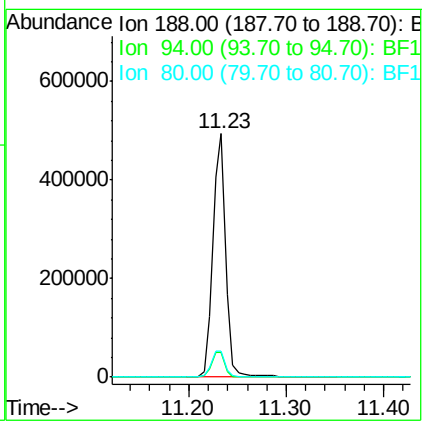


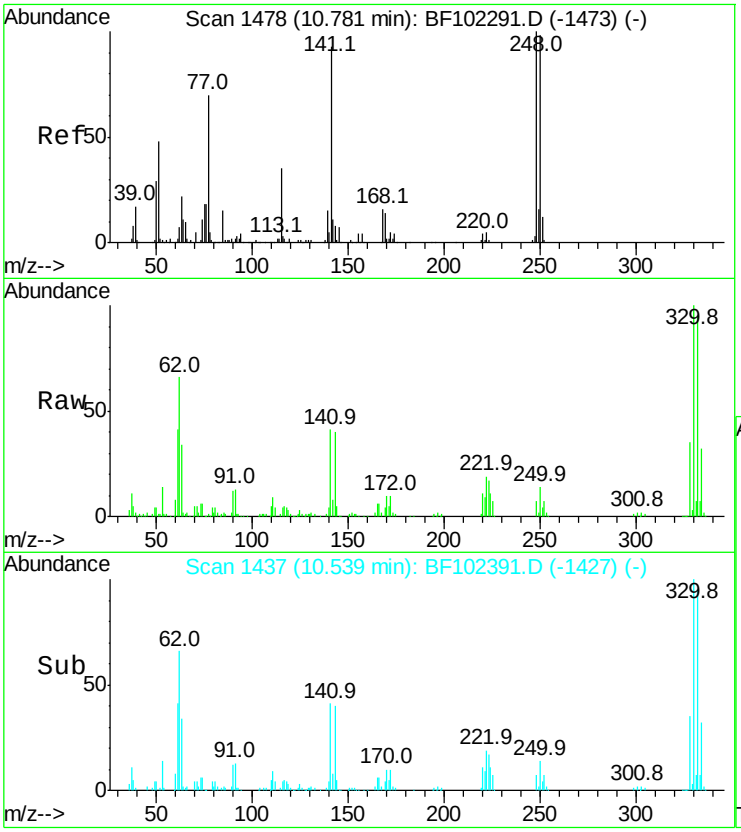


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Tgt Ion:188 Resp: 445928

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.9	9.2	13.8



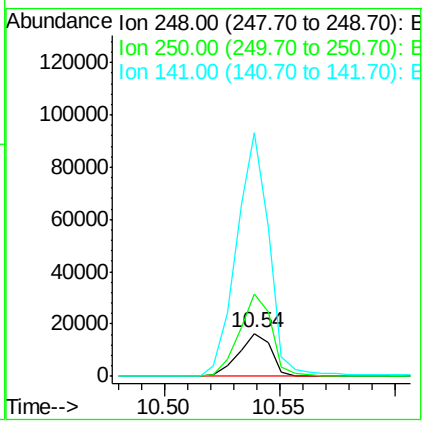


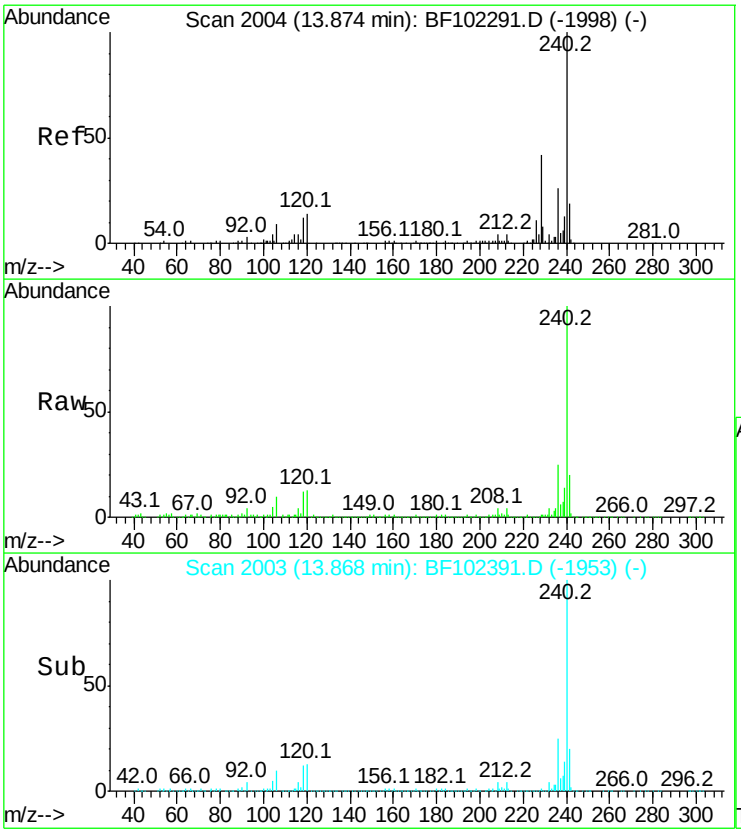
#66
4-Bromophenyl-phenylether
Concen: 3.381 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16232

Ion	Ratio	Lower	Upper
248	100		
250	190.1	76.9	115.3#
141	563.1	74.4	111.6#

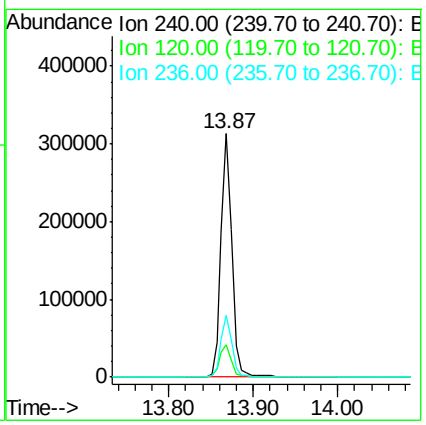


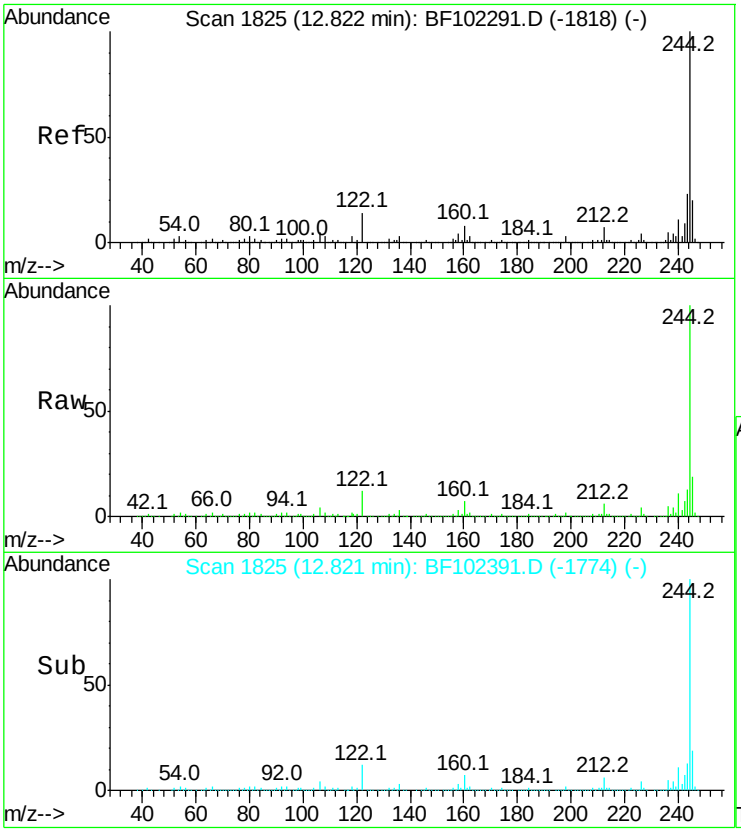


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Tgt Ion:240 Resp: 287638

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.2	20.7	31.1



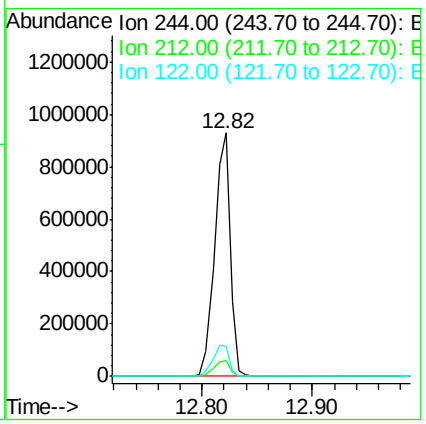


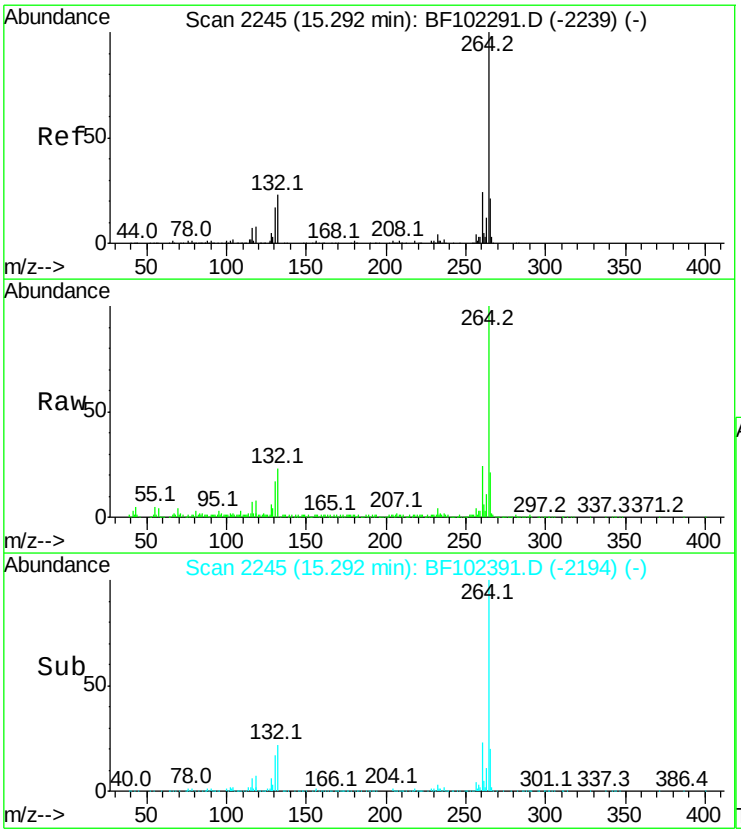
#78
Terphenyl-d14
Concen: 71.444 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 911573

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Tgt Ion:264 Resp: 261286

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.7	17.5	26.3