Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102132.D
Acq On : 17 Jan 2018 1:30
Operator : SJ/JU
Sample : J1122-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 17 02:30:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134742	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	542574	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	229014	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	349492	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	240972	20.00	ng		-0.02
86) Perylene-d12	15.28	264	252603	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	952216	99.79	ng		0.00
7) Phenol-d6	6.36	99	1161391	102.01	ng		0.00
23) Nitrobenzene-d5	7.29	82	717761	77.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	223439	111.80	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1312764	89.55	ng		-0.01
78) Terphenyl-d14	12.82	244	891112	76.78	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.37	94	51548	4.007	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	95871	12.850	ng	#	80
25) Isophorone	7.29	82	717750	39.342	ng	#	64
49) Dimethylphthalate	9.47	163	193642	10.540	ng		99
56) 2,4-Dinitrotoluene	9.75	165	28916	6.287	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.54	198	530	5.908	ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	14694	3.981	ng	#	1

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

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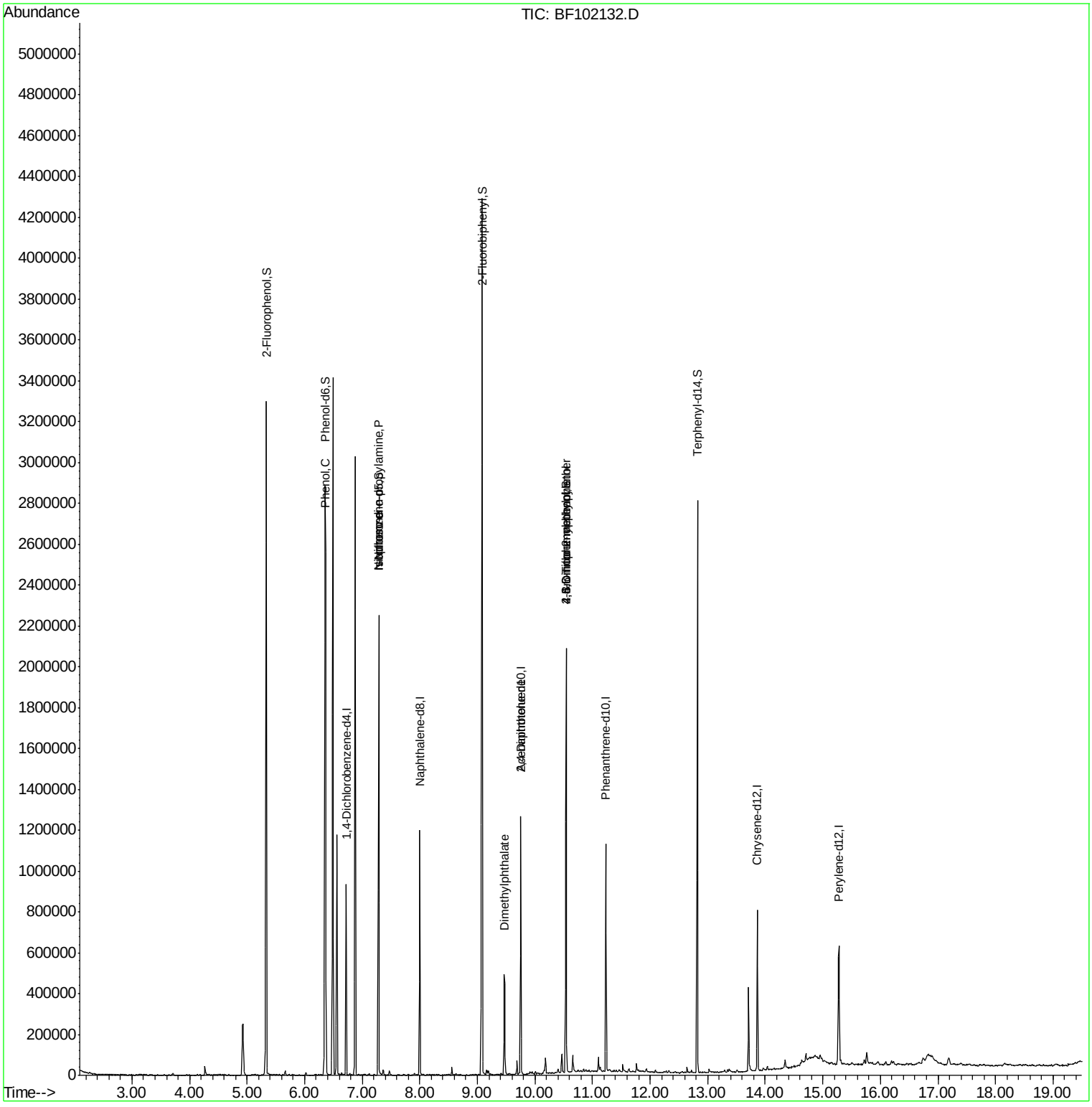
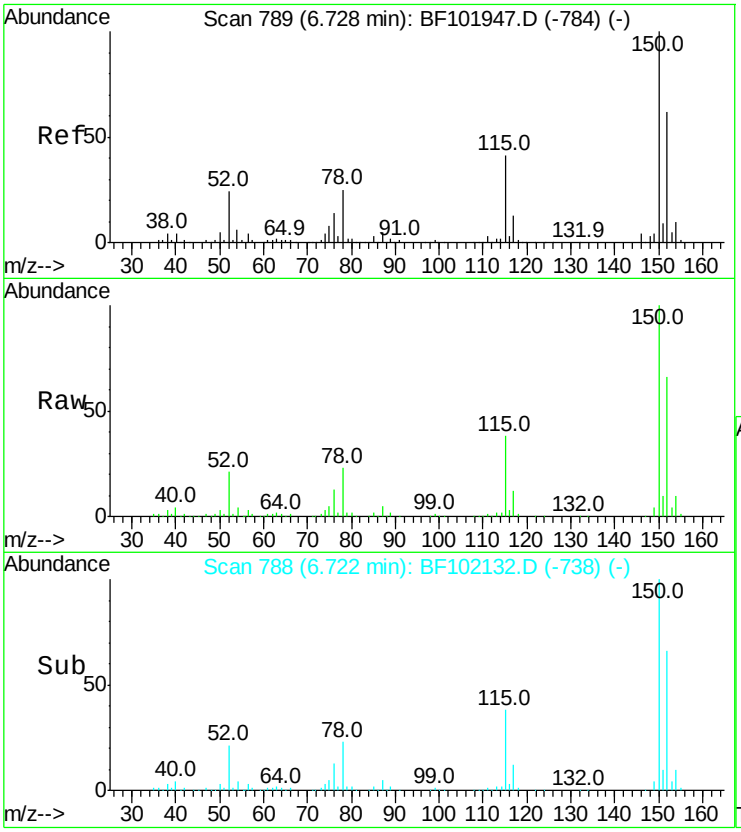


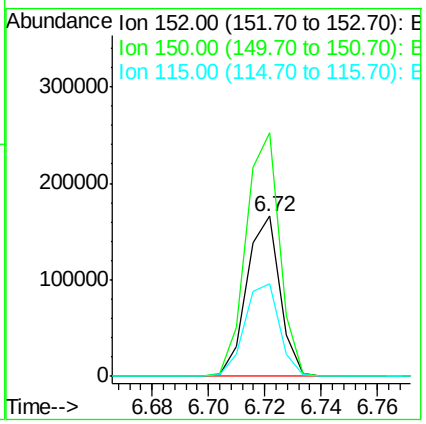


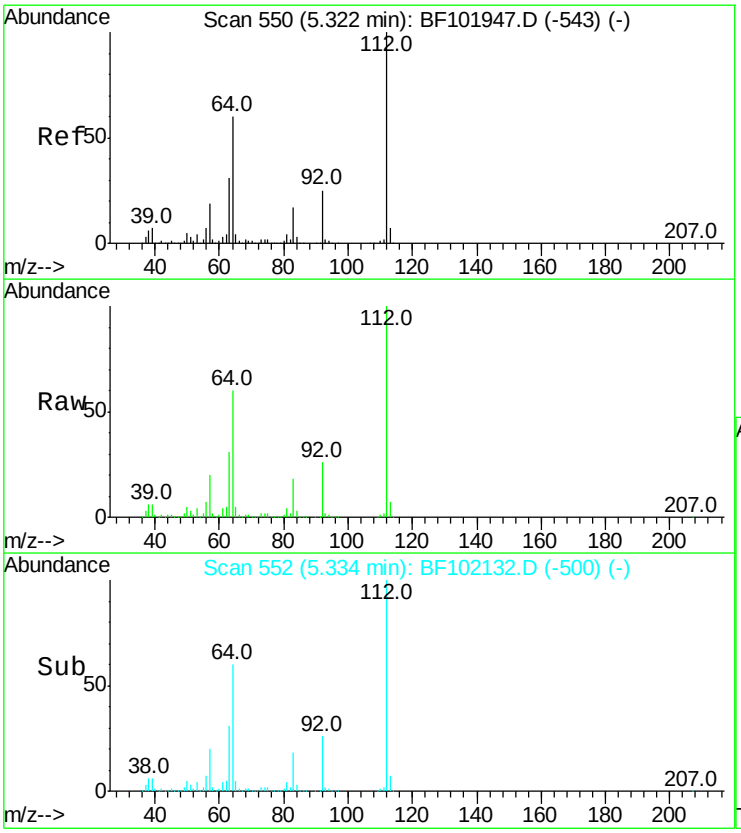
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 134742

Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	57.6	50.1	75.1

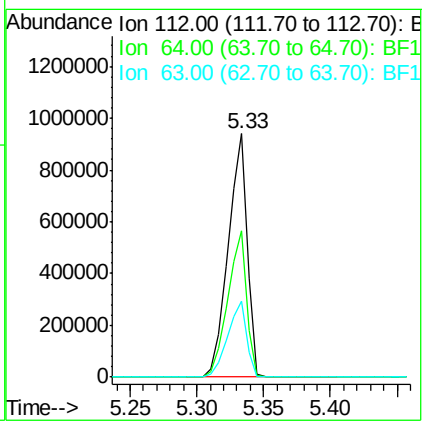


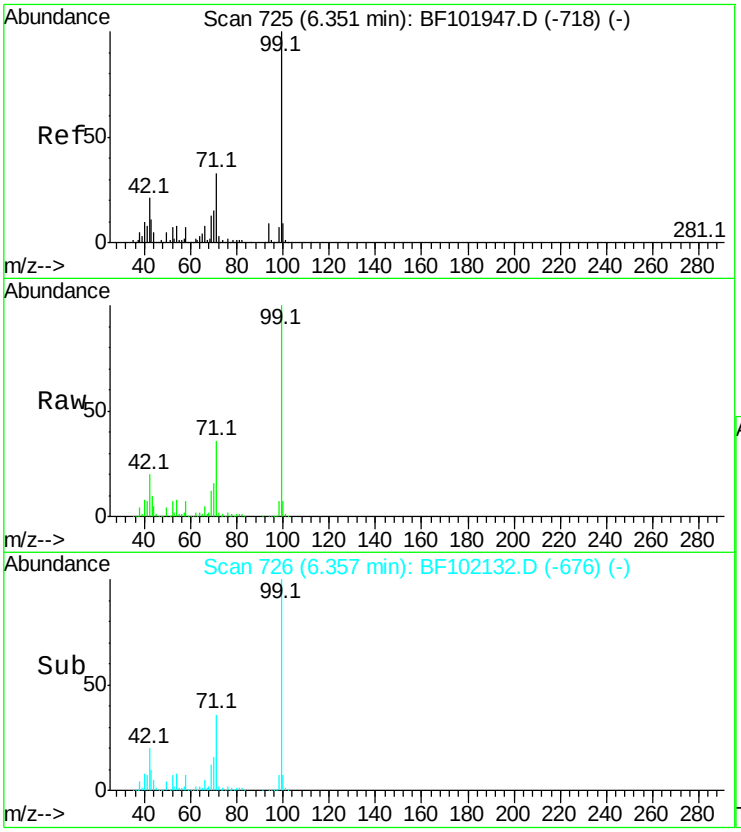


#5
2-Fluorophenol
Concen: 99.791 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Tgt Ion:112 Resp: 952216

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	31.3	23.7	35.5



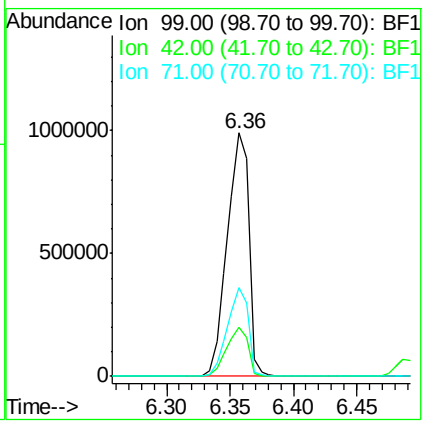


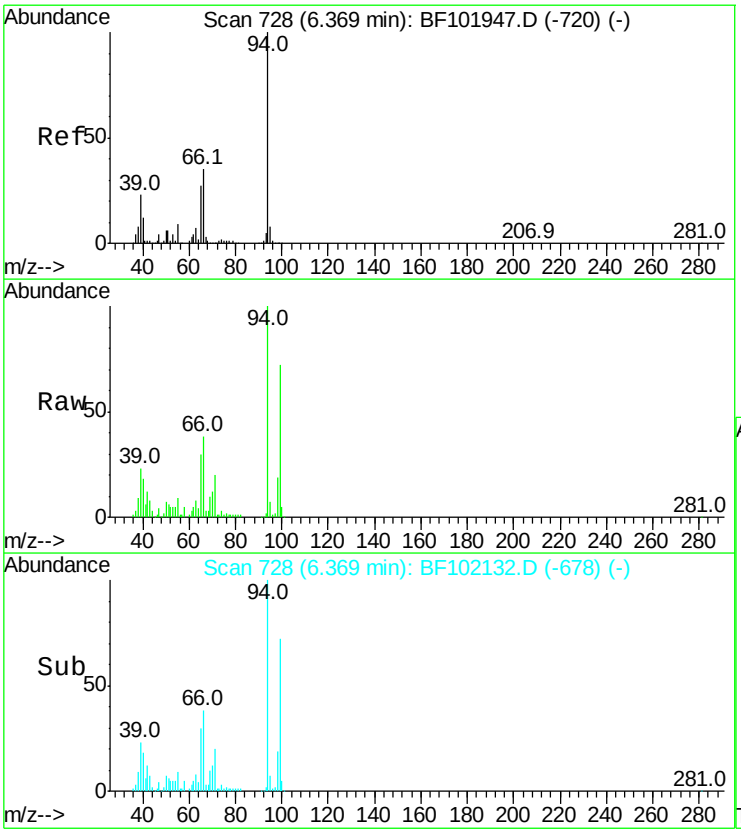
#7
Phenol-d6
Concen: 102.013 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1161391

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	36.5	25.4	38.0

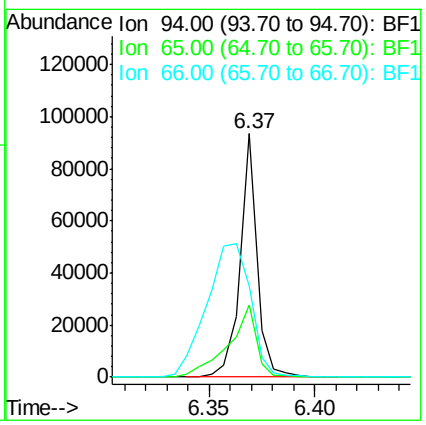


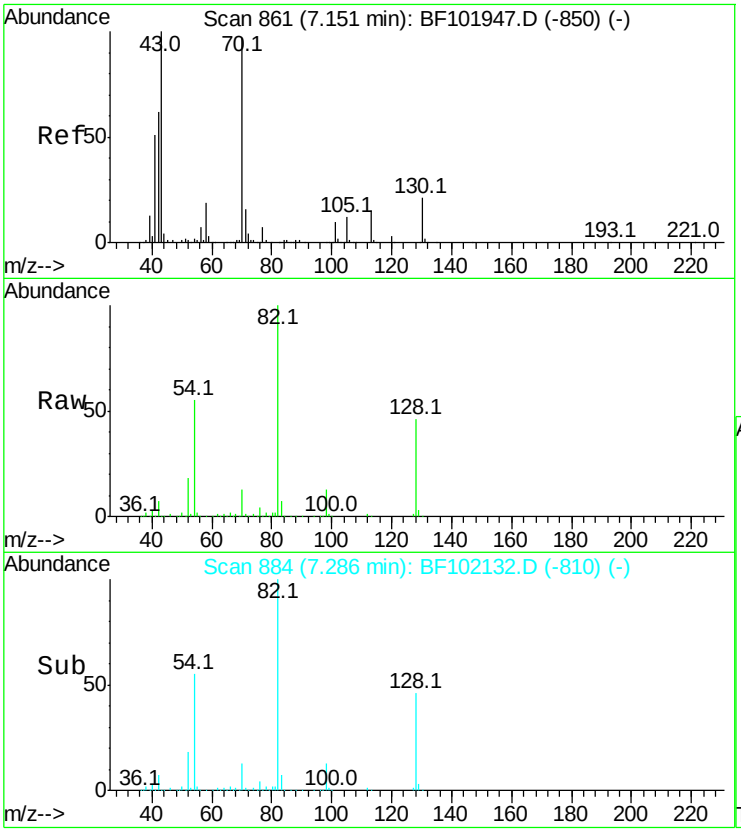


#10
Phenol
Concen: 4.007 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Tgt Ion: 94 Resp: 51548

Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.9	47.9
66	37.5	16.2	56.2



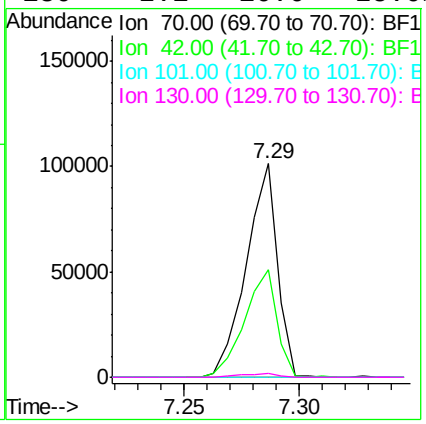


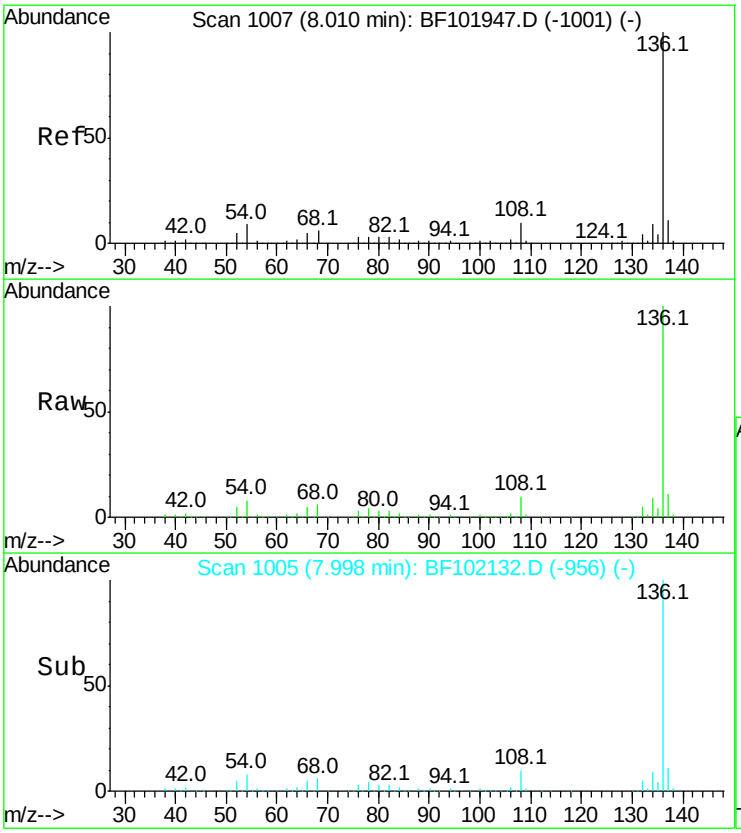
#19
n-Nitroso-di-n-propylamine
Concen: 12.850 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 95871

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

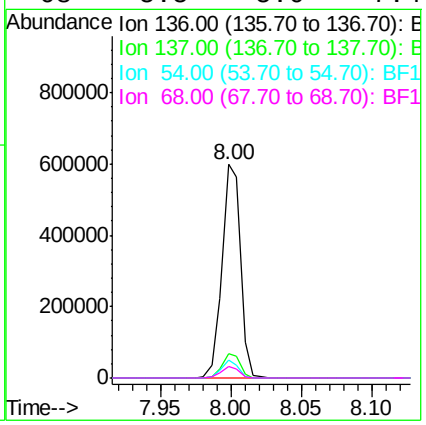


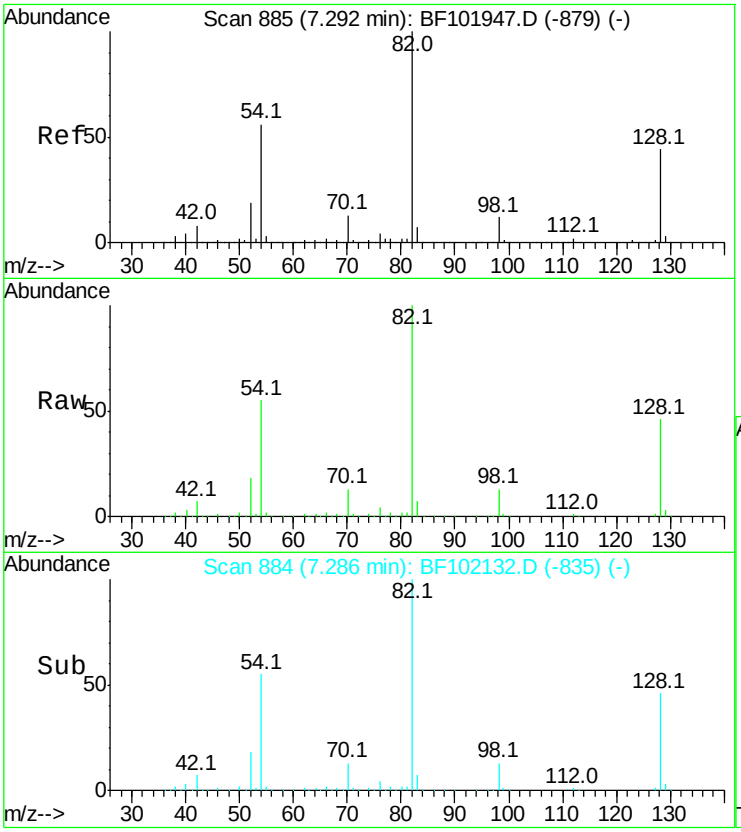


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Tgt Ion:136 Resp: 542574

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	6.6	9.8
68	5.5	5.0	7.4



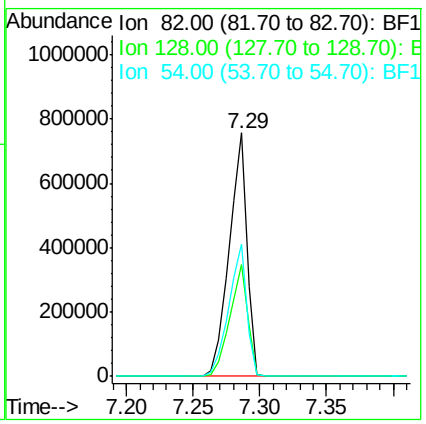


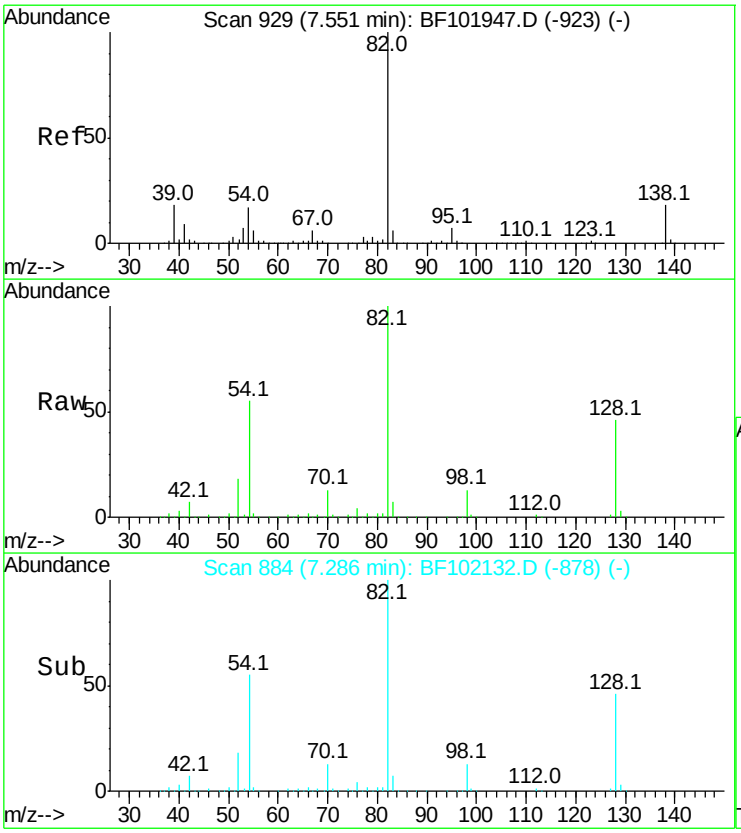
#23
Nitrobenzene-d5
Concen: 77.738 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 717761

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.6	41.4	62.2

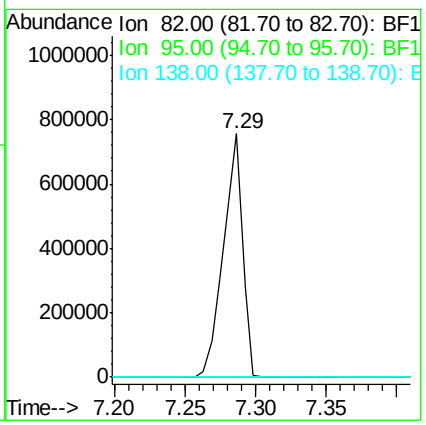


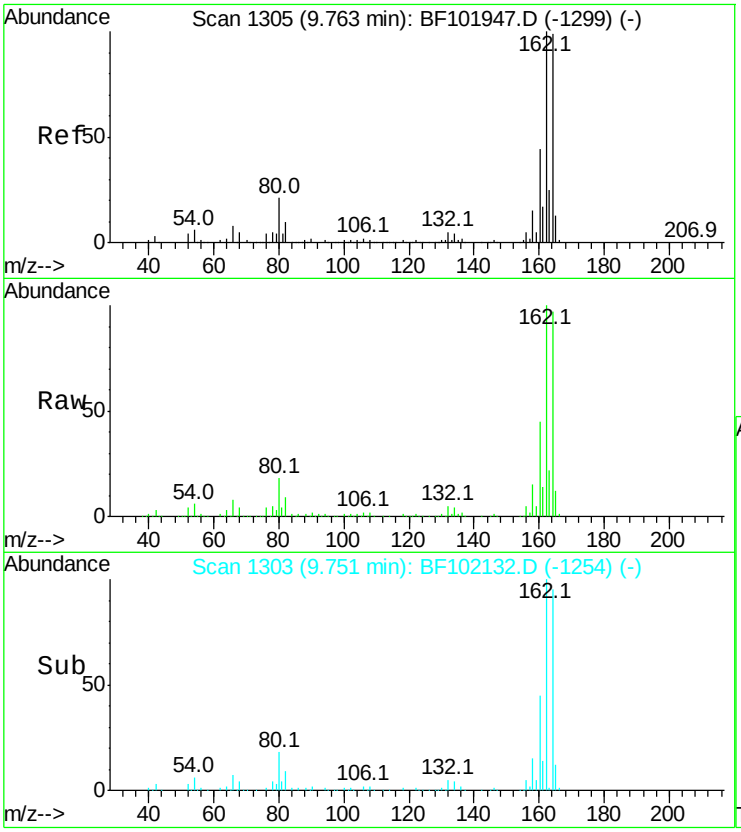


#25
Isophorone
Concen: 39.342 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Tgt Ion: 82 Resp: 717750

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



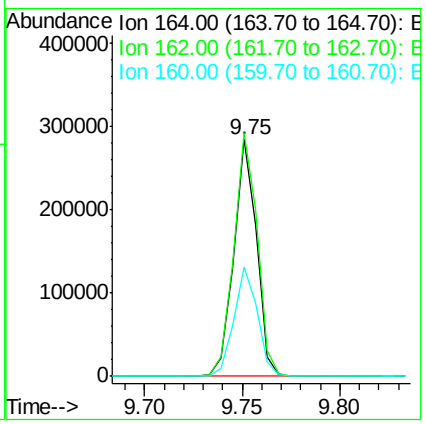


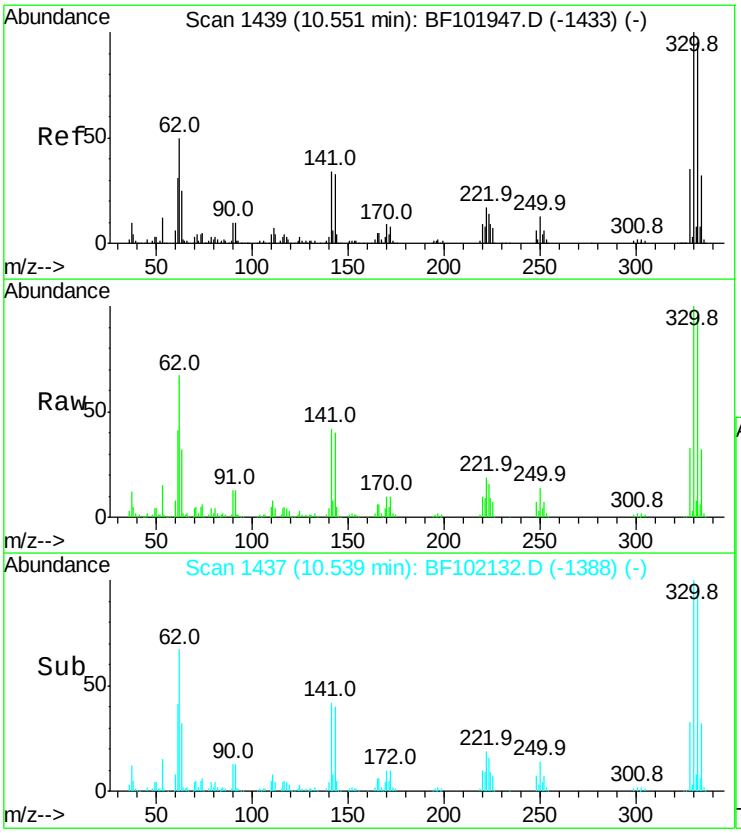
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 229014

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.3	38.3	57.5

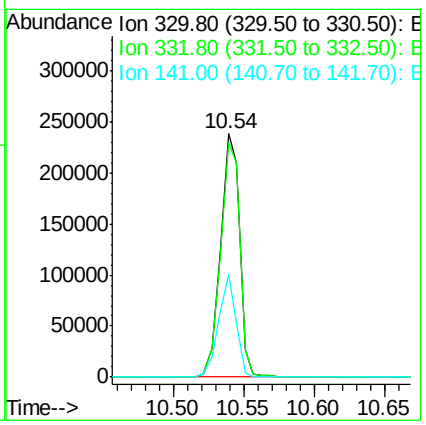


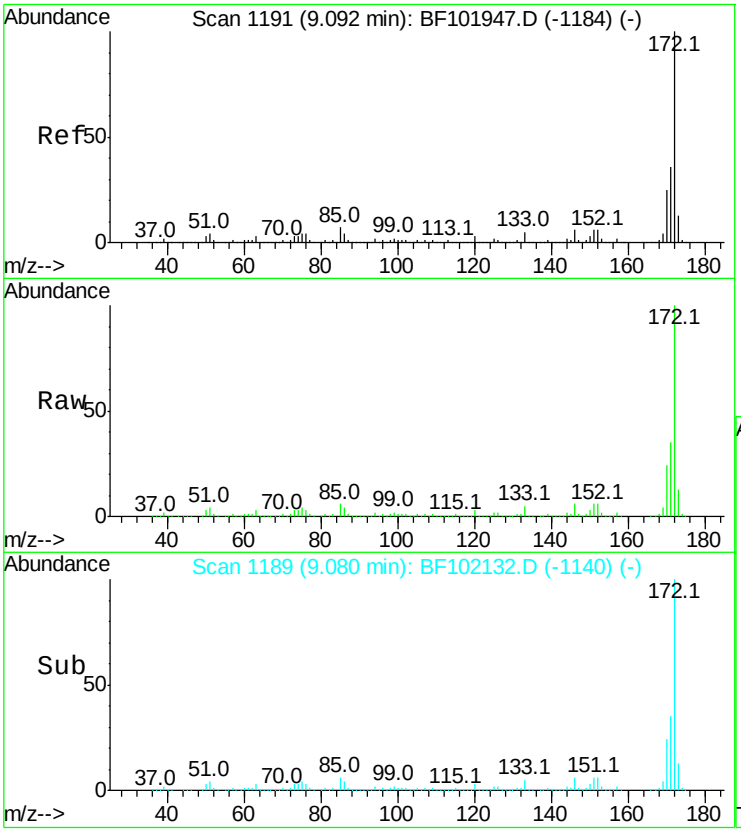


#41
2,4,6-Tribromophenol
Concen: 111.799 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Tgt Ion:330 Resp: 223439

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	38.8	29.9	44.9



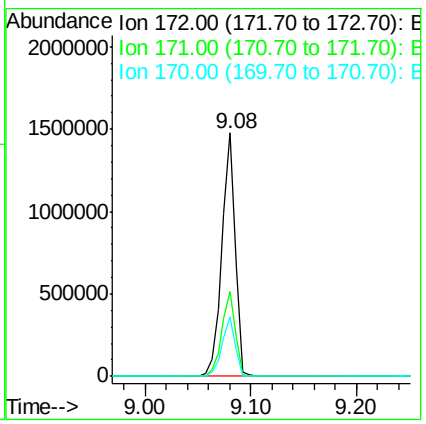


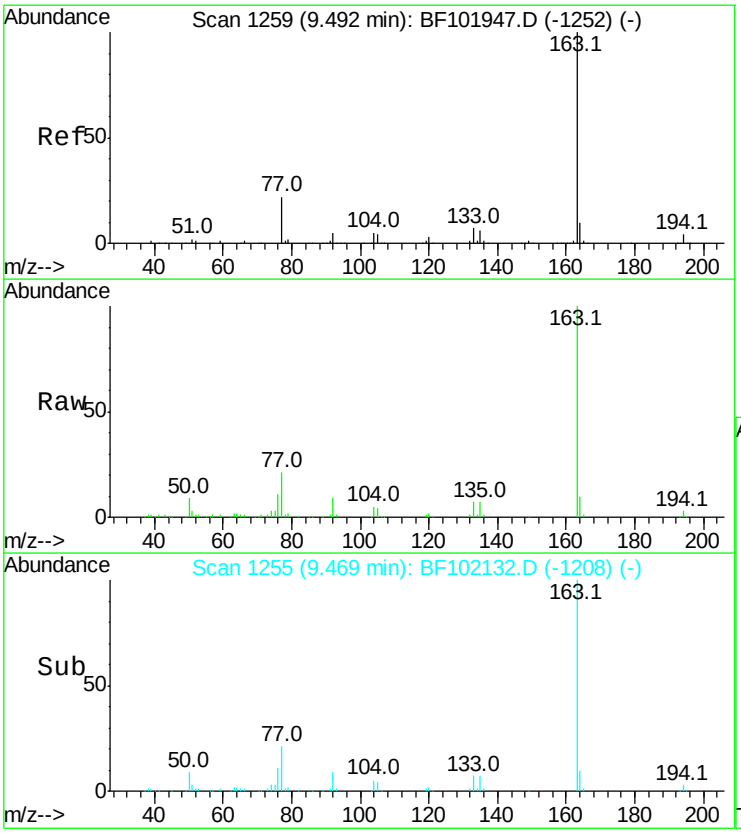
#44
2-Fluorobiphenyl
Concen: 89.553 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1312764

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	24.1	19.6	29.4

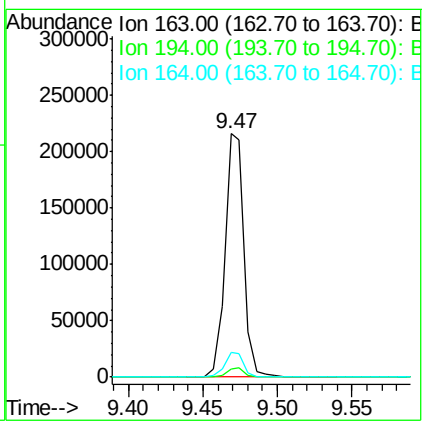


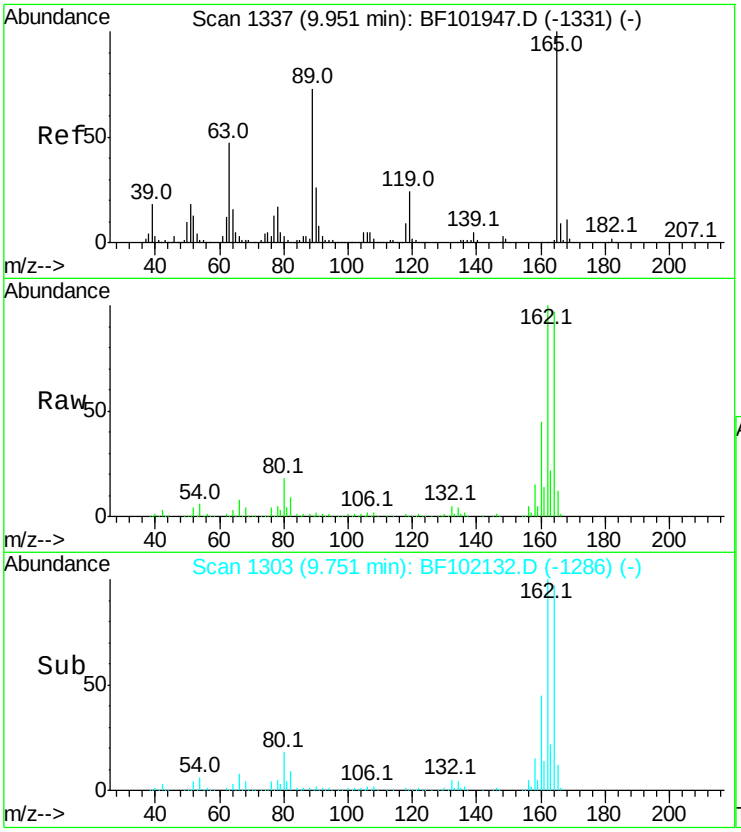


#49
Dimethylphthalate
Concen: 10.540 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Tgt Ion:163 Resp: 193642

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.0	8.2	12.2



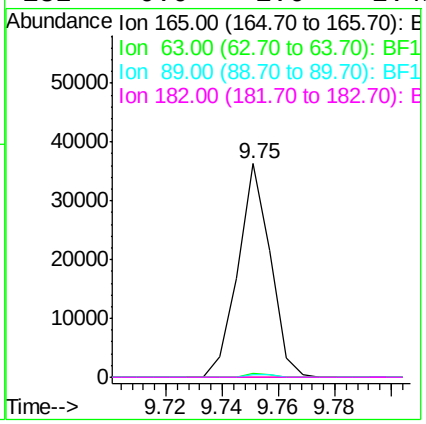


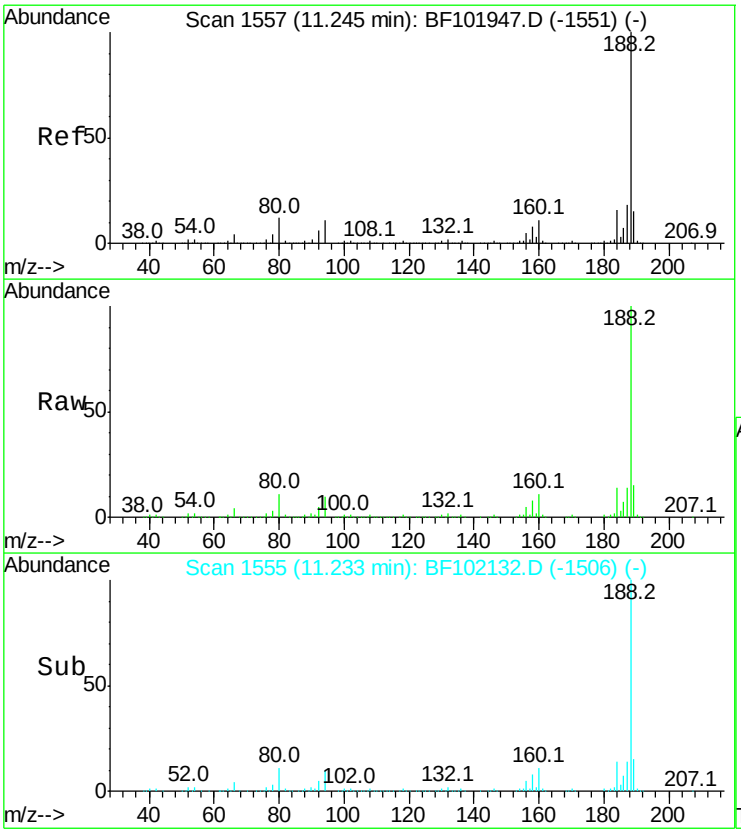
#56
2,4-Dinitrotoluene
Concen: 6.287 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28916

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

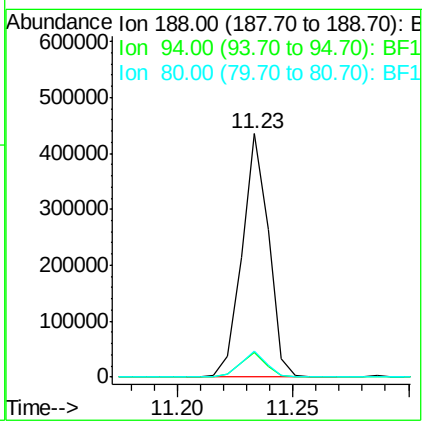


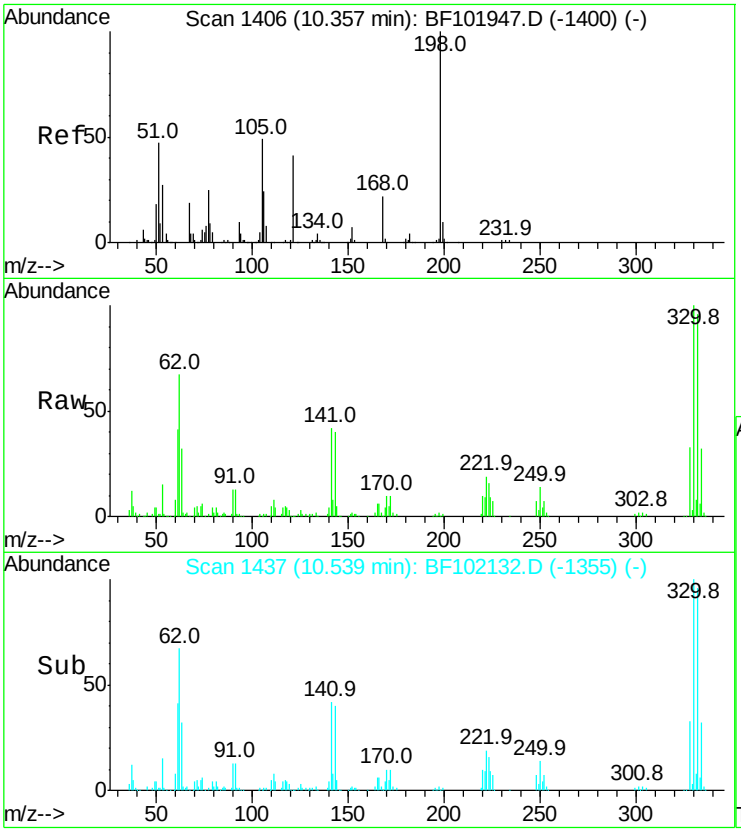


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Tgt Ion:188 Resp: 349492

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.6	9.2	13.8



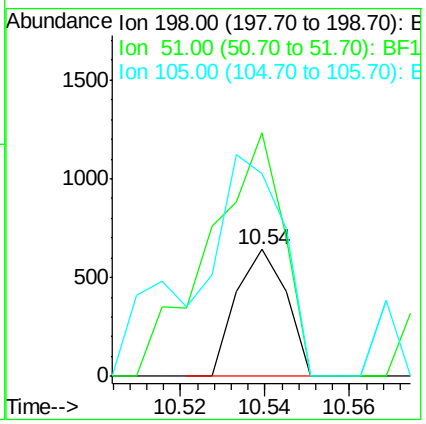


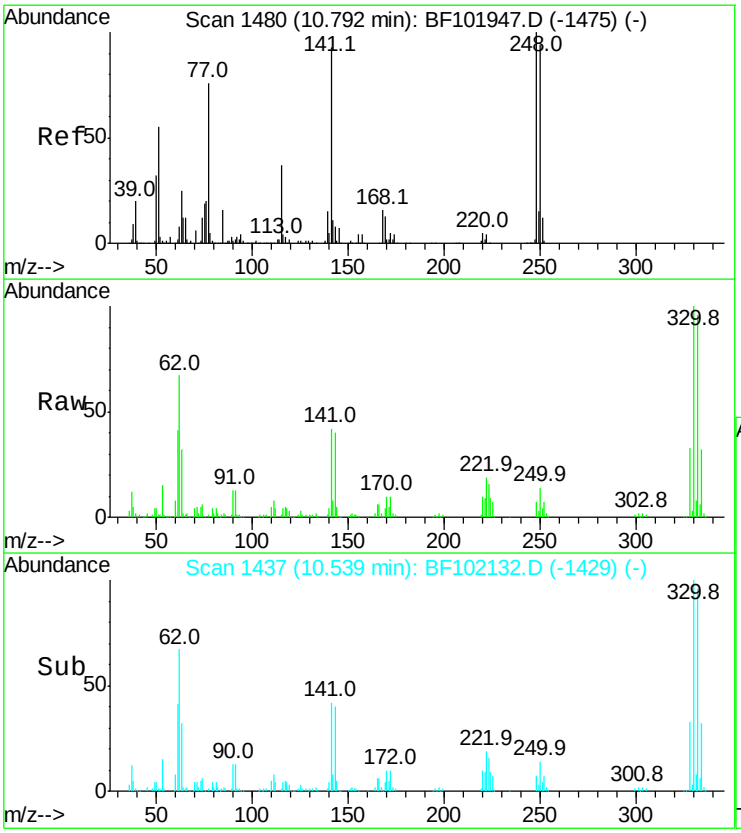
#64
4,6-Dinitro-2-methylphenol
Concen: 5.908 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 530

Ion	Ratio	Lower	Upper
198	100		
51	192.4	37.7	77.7#
105	159.9	36.3	76.3#

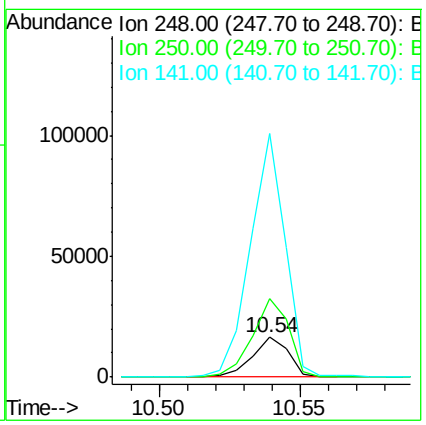


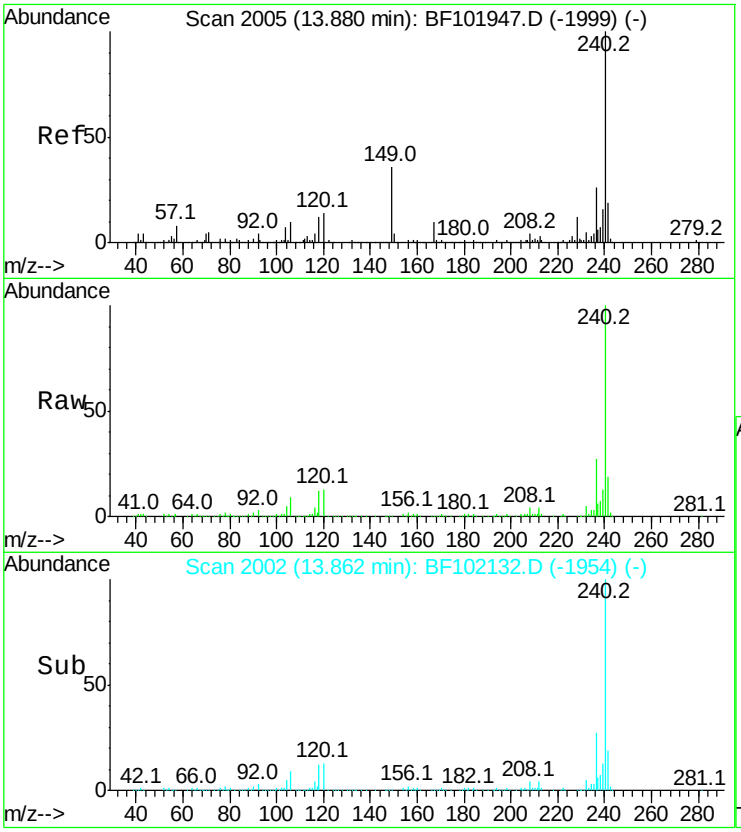


#66
4-Bromophenyl-phenylether
Concen: 3.981 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Tgt Ion:248 Resp: 14694

Ion	Ratio	Lower	Upper
248	100		
250	197.8	76.9	115.3#
141	612.0	74.4	111.6#



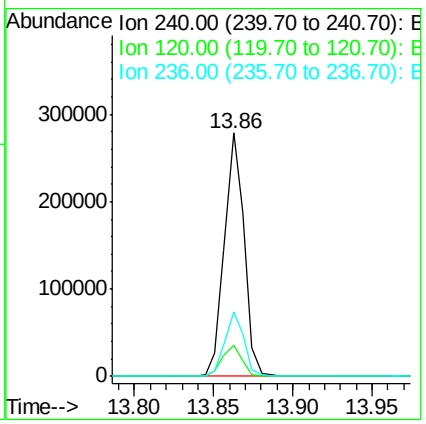


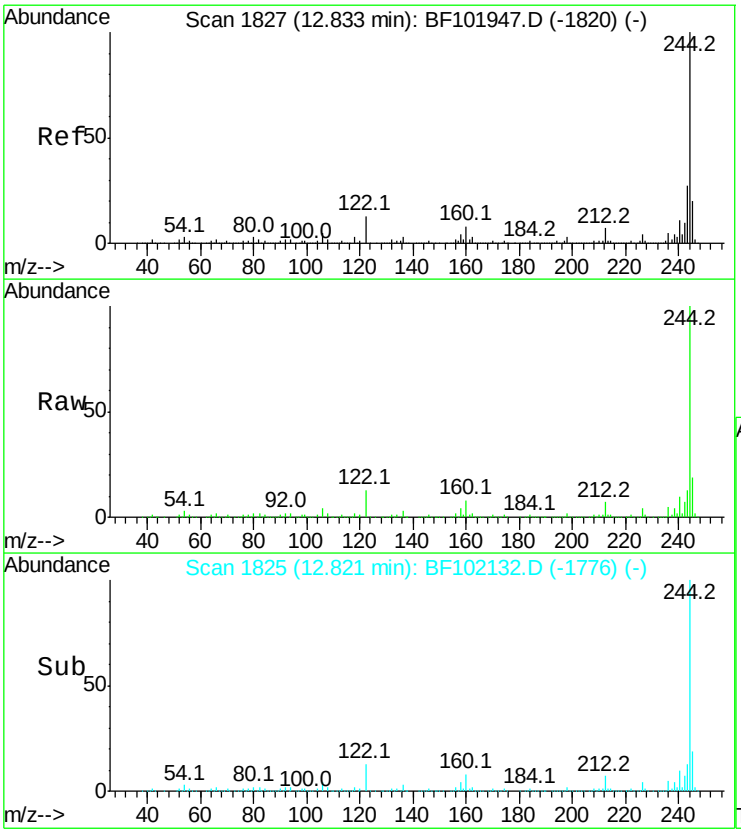
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 240972

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.6	20.7	31.1

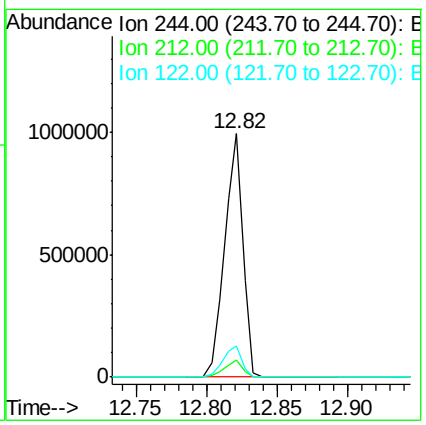


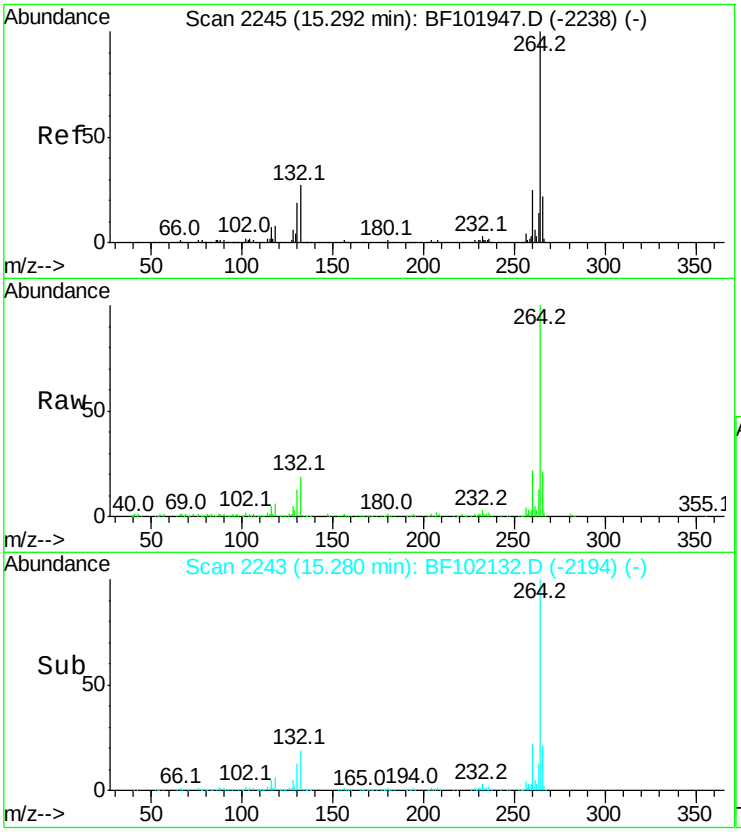


#78
Terphenyl-d14
Concen: 76.780 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Tgt Ion:244 Resp: 891112

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102132.D
Acq: 17 Jan 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 252603

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.8	17.5	26.3