Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102243.D
Acq On : 20 Jan 2018 3:19
Operator : SJ/JU
Sample : J1114-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 20 05:15:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140894	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	576925	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	245834	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	377717	20.00	ng		0.00
75) Chrysene-d12	13.87	240	260621	20.00	ng		0.00
86) Perylene-d12	15.29	264	270163	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1246265	124.90	ng		0.01
7) Phenol-d6	6.37	99	1512418	127.05	ng		0.00
23) Nitrobenzene-d5	7.29	82	973709	99.18	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	300535	140.09	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1434308	91.15	ng		0.00
78) Terphenyl-d14	12.83	244	962154	76.65	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	40370	3.001	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	130994	16.791	ng	#	79
25) Isophorone	7.29	82	973697	50.194	ng	#	64
49) Dimethylphthalate	9.47	163	129218	6.552	ng		97
56) 2,4-Dinitrotoluene	9.75	165	31718	6.424	ng	#	22
64) 4,6-Dinitro-2-methylphenol	10.54	198	599	5.920	ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	18832	4.721	ng	#	1

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

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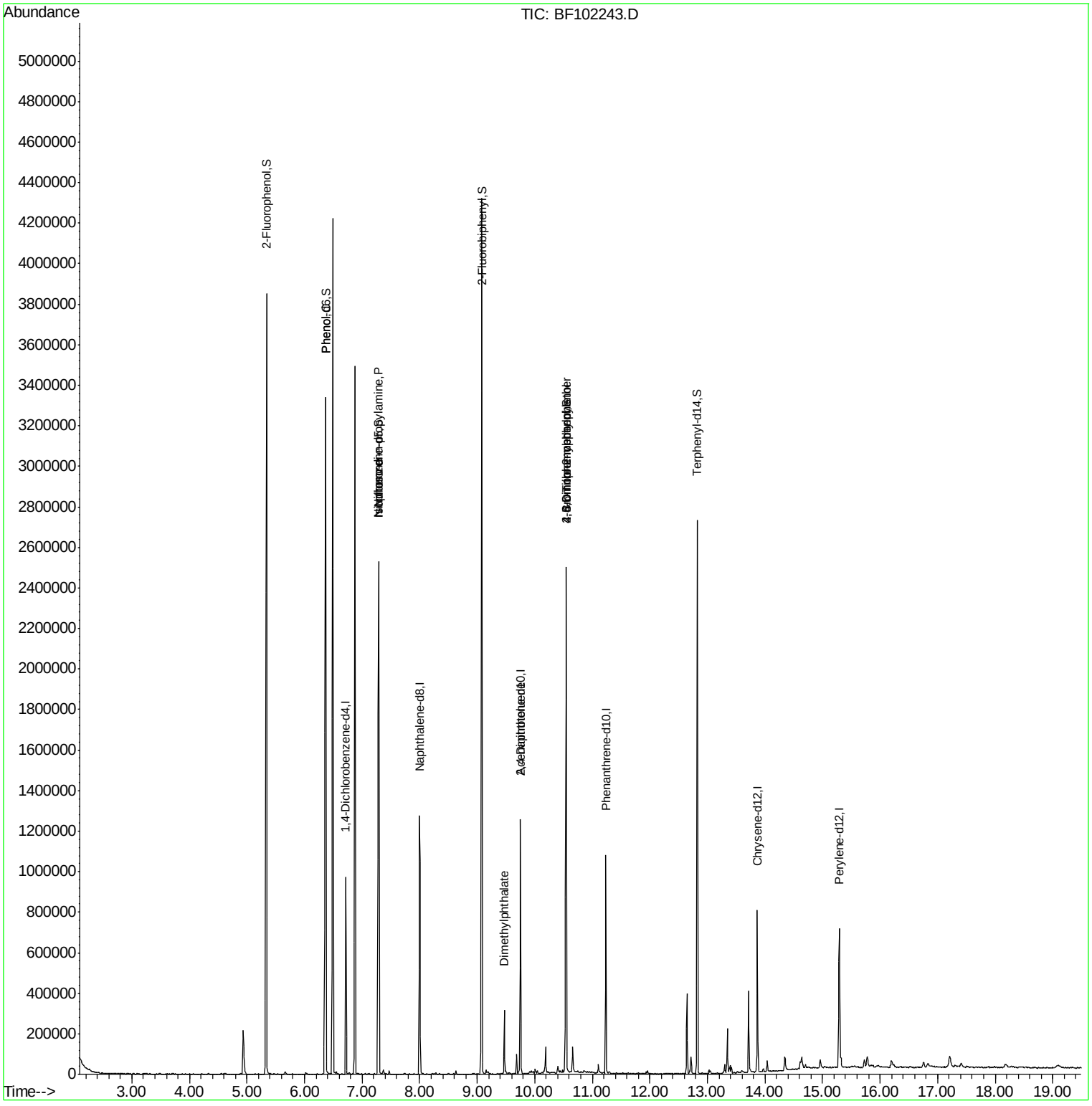
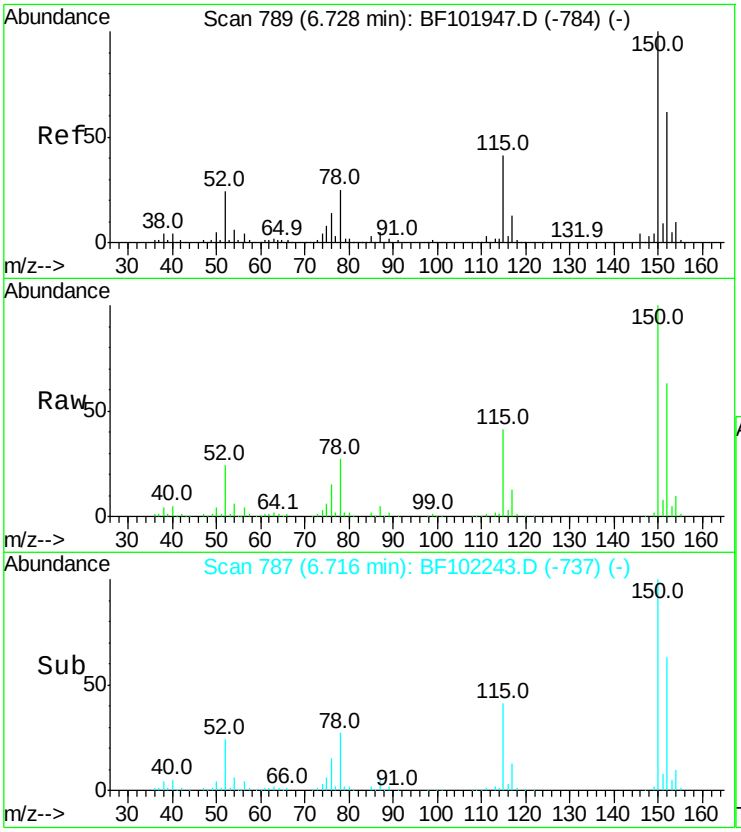


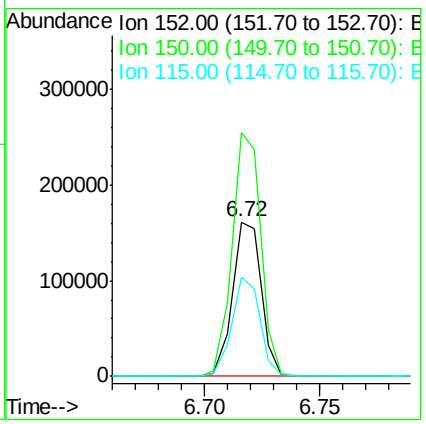


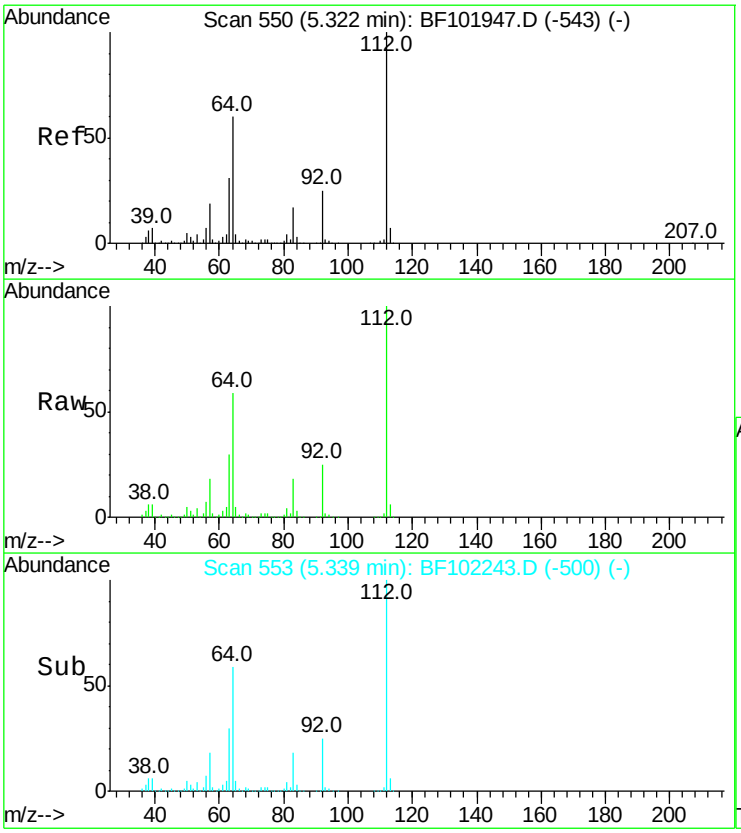
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 140894

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	64.3	50.1	75.1

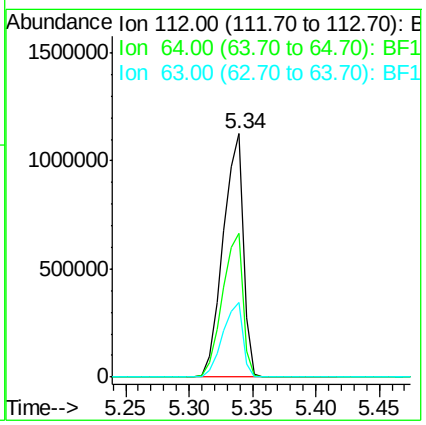


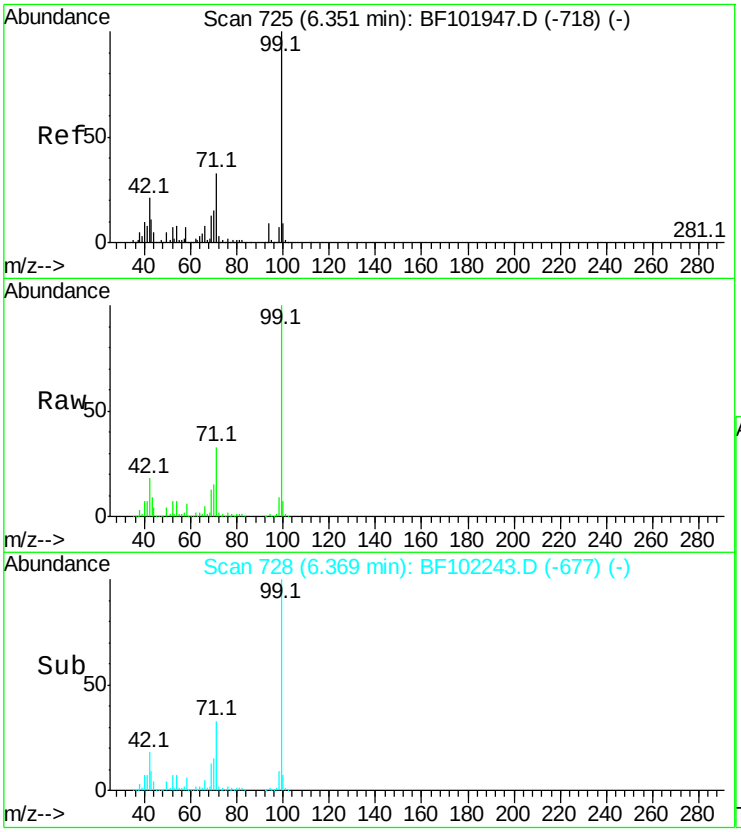


#5
2-Fluorophenol
Concen: 124.904 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Tgt Ion:112 Resp: 1246265

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.4	23.7	35.5



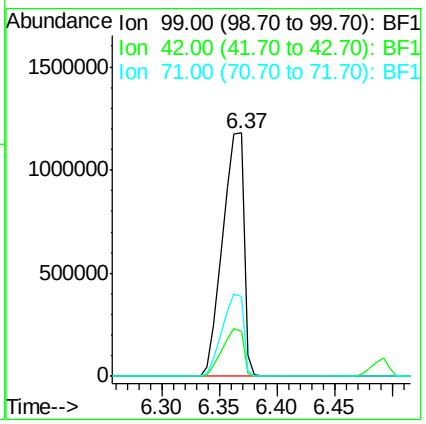


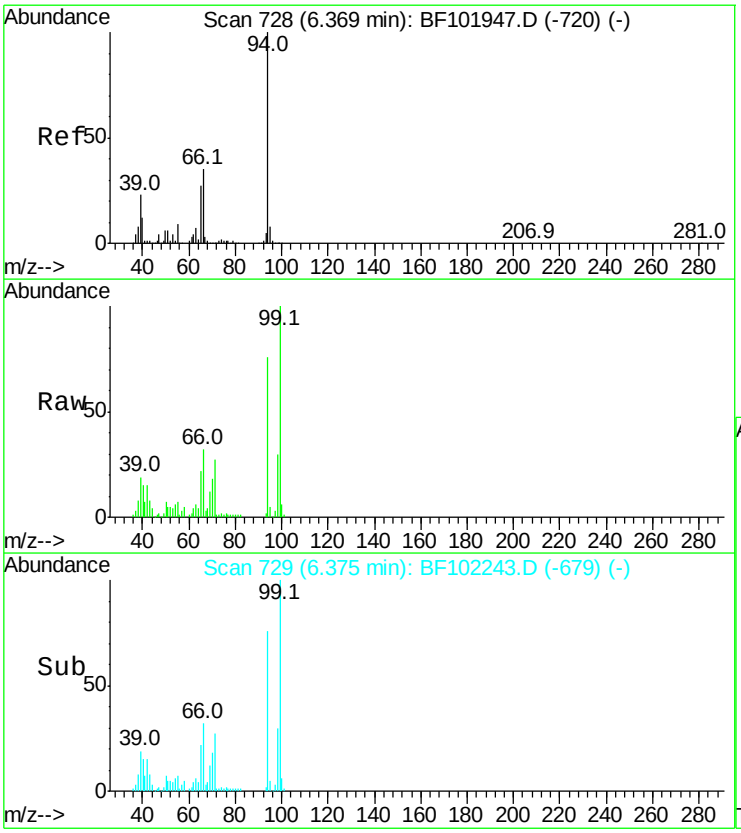
#7
Phenol-d6
Concen: 127.046 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1512418

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	32.6	25.4	38.0

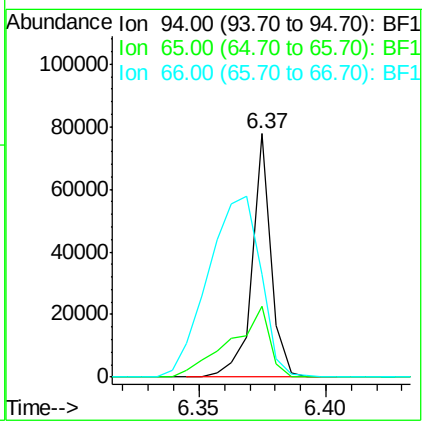


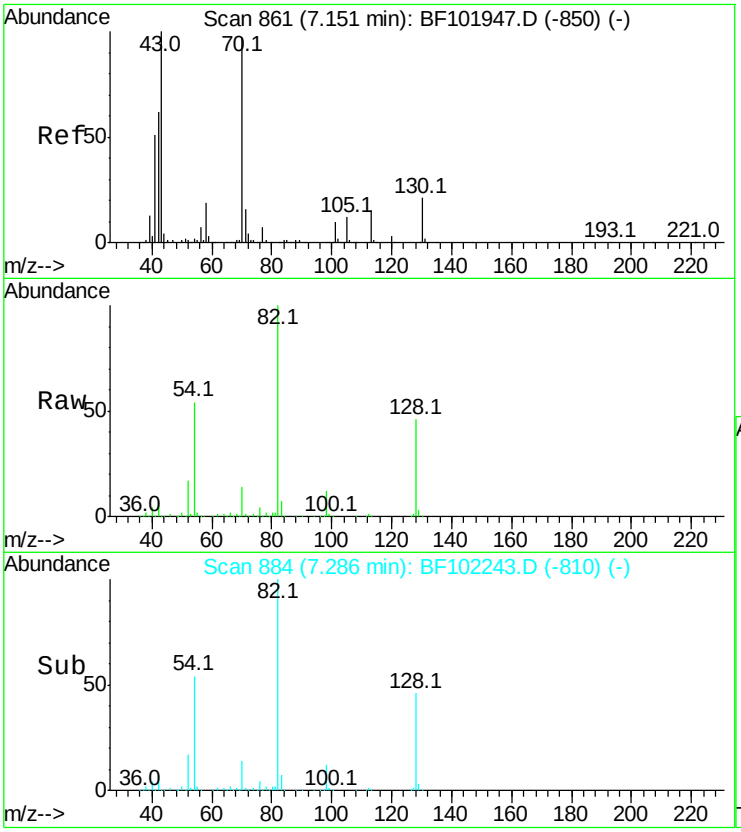


#10
Phenol
Concen: 3.001 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Tgt Ion: 94 Resp: 40370

Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	42.1	16.2	56.2



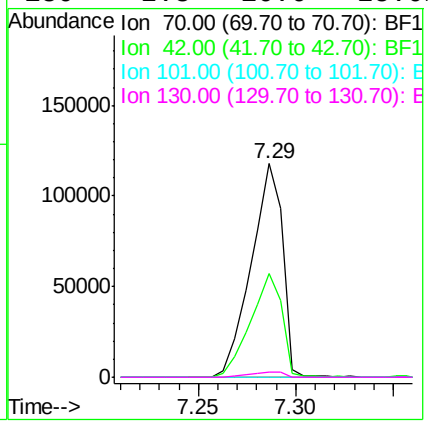


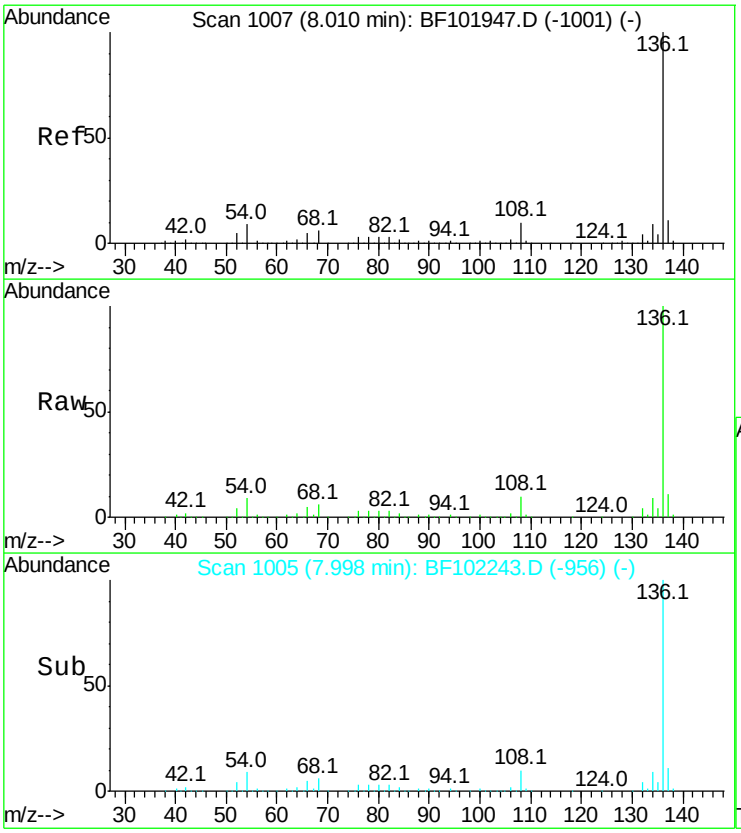
#19
n-Nitroso-di-n-propylamine
Concen: 16.791 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 130994

Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

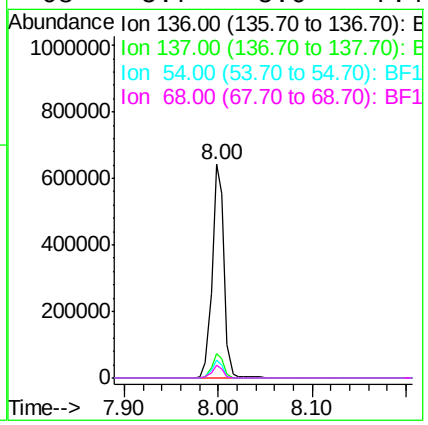


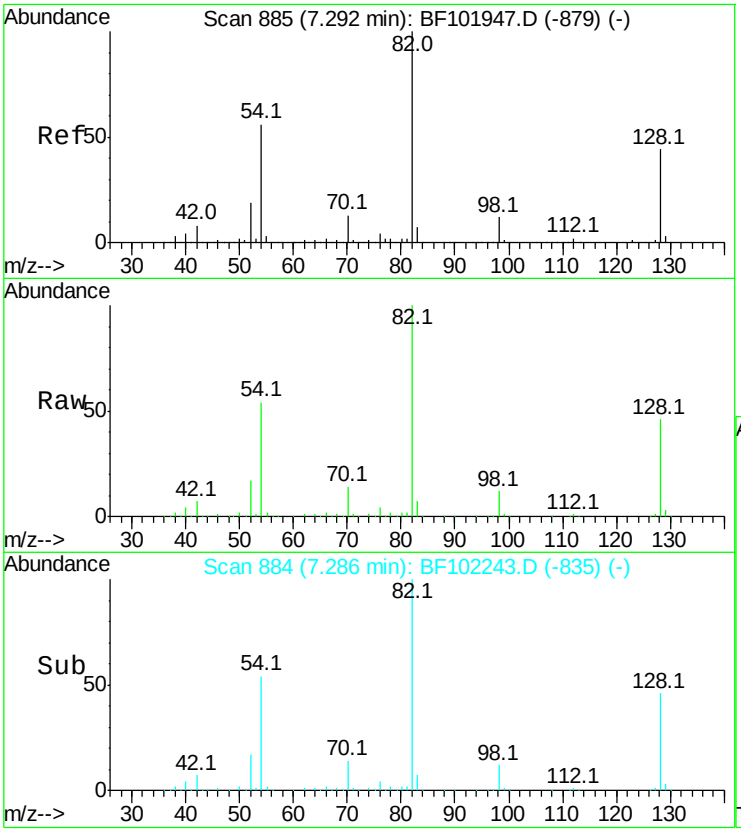


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Tgt Ion:136 Resp: 576925

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.6	6.6	9.8
68	5.7	5.0	7.4



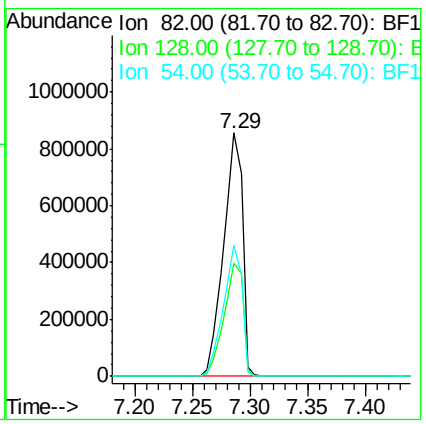


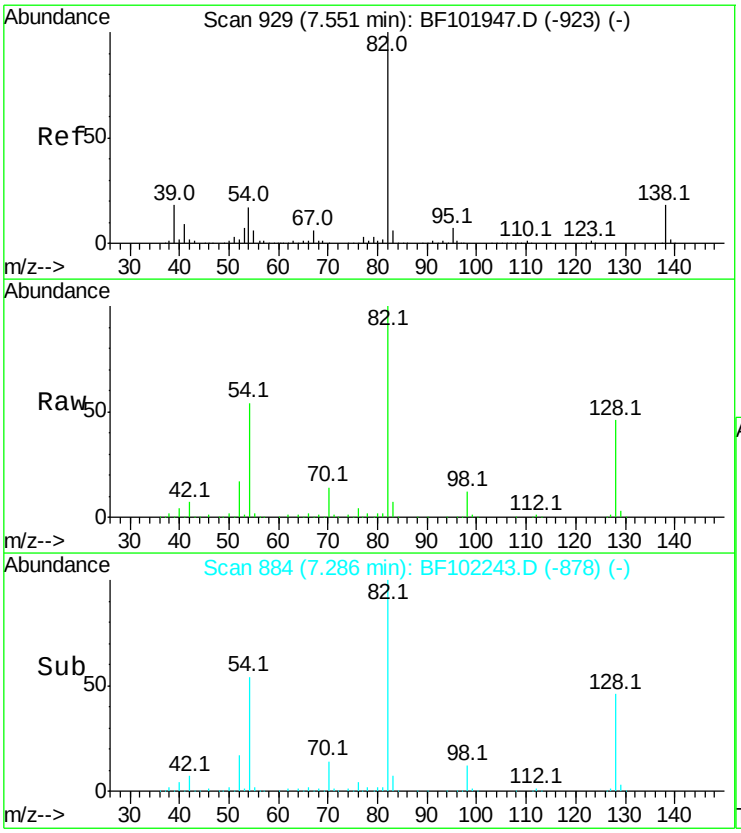
#23
Nitrobenzene-d5
Concen: 99.179 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 973709

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	53.9	41.4	62.2

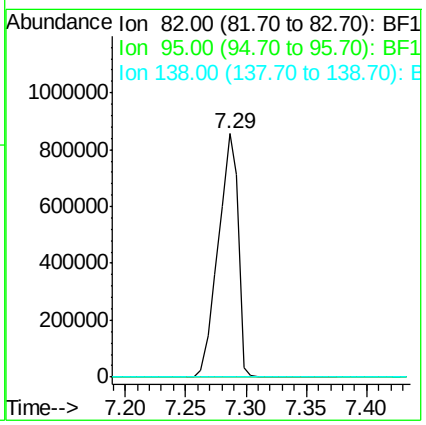


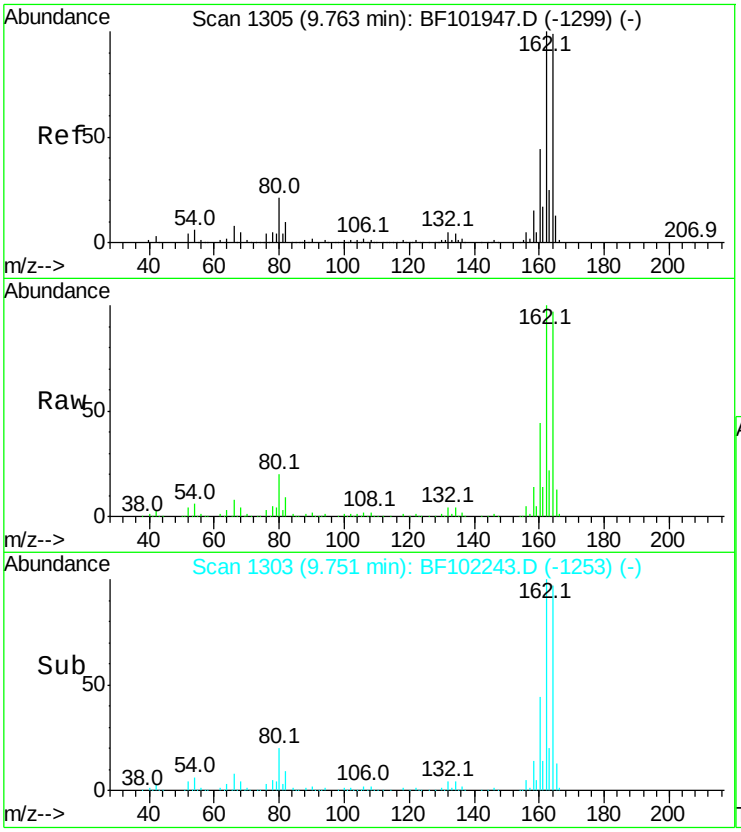


#25
Isophorone
Concen: 50.194 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Tgt Ion: 82 Resp: 973697

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



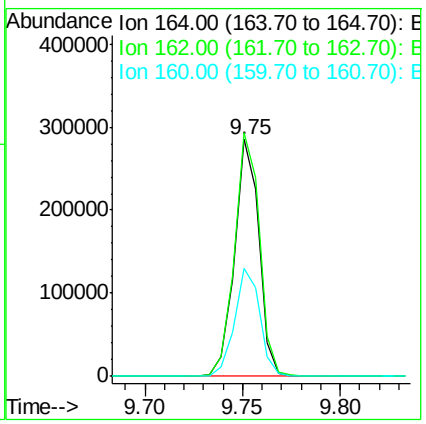


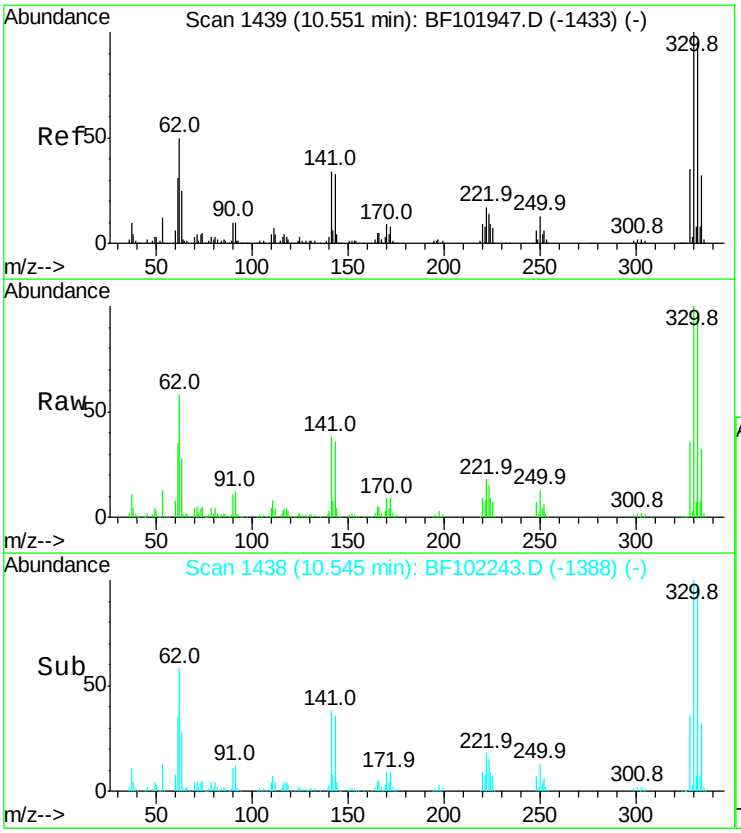
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 245834

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.5	38.3	57.5

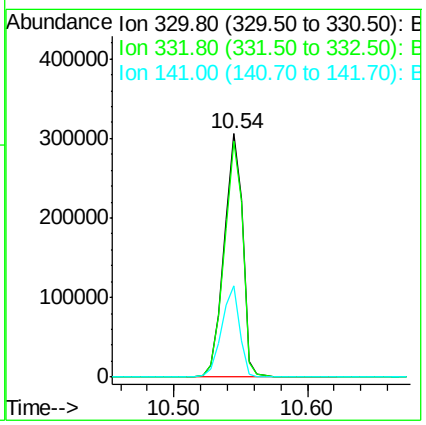


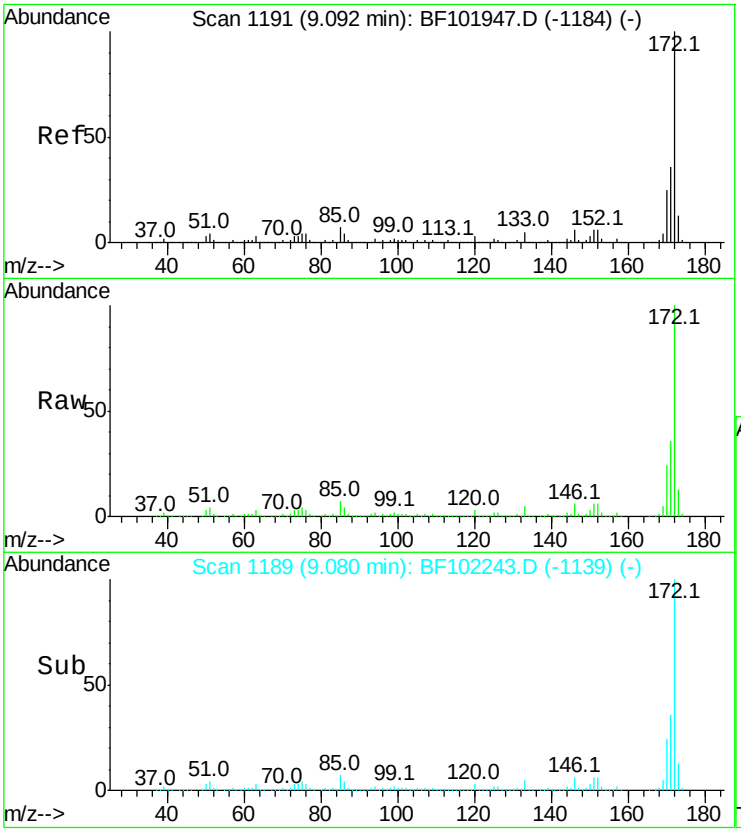


#41
2,4,6-Tribromophenol
Concen: 140.086 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Tgt Ion:330 Resp: 300535

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	36.7	29.9	44.9



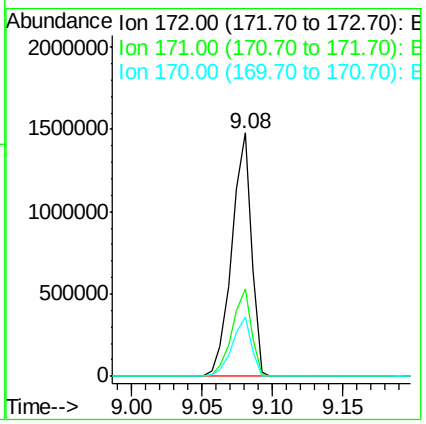


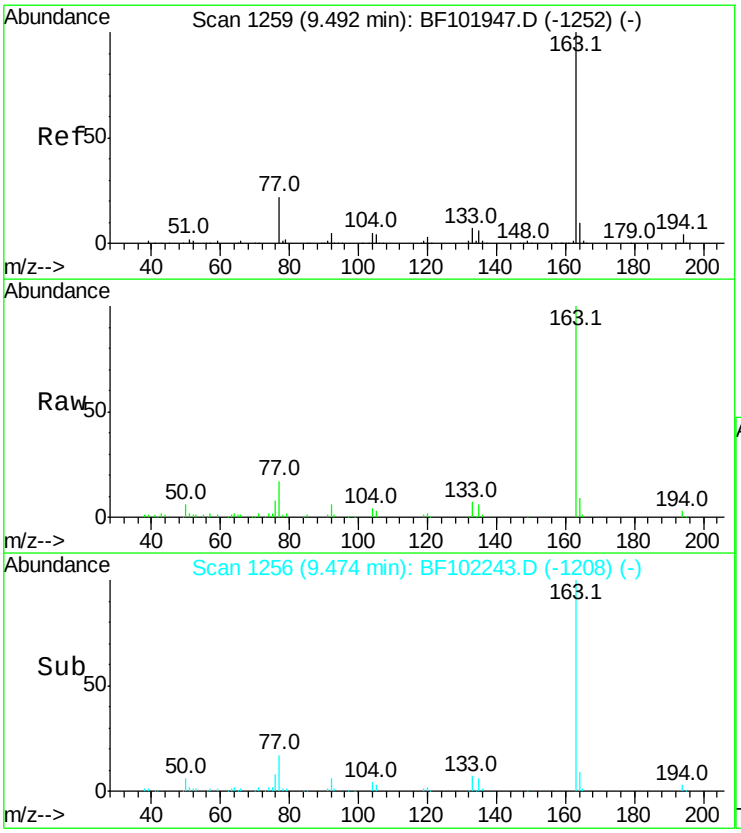
#44
2-Fluorobiphenyl
Concen: 91.150 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1434308

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4

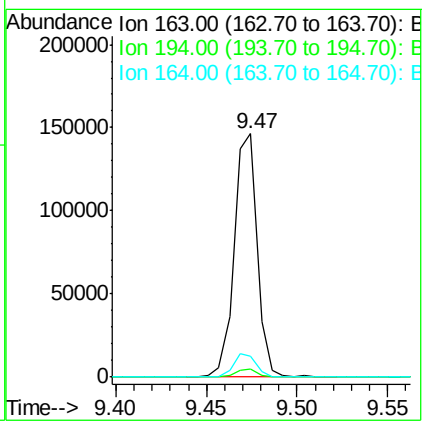


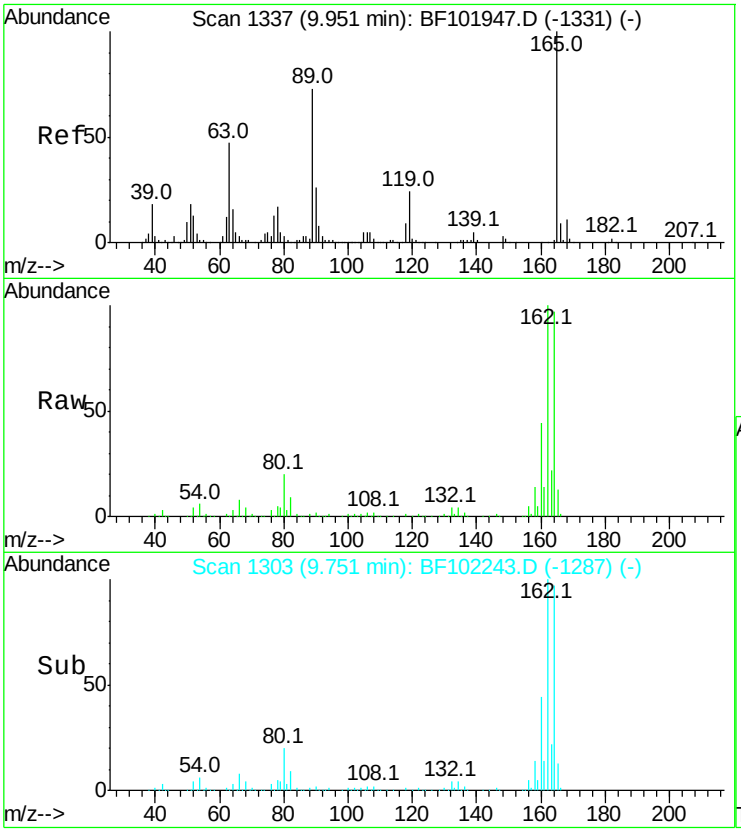


#49
Dimethylphthalate
Concen: 6.552 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Tgt Ion:163 Resp: 129218

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	8.8	8.2	12.2



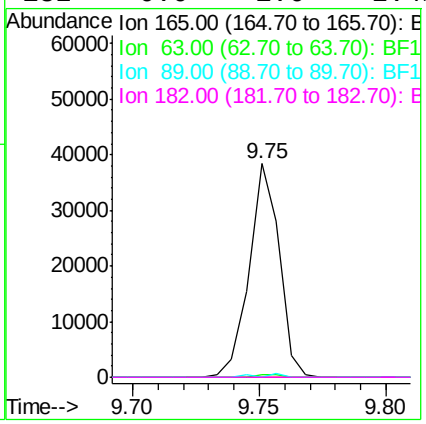


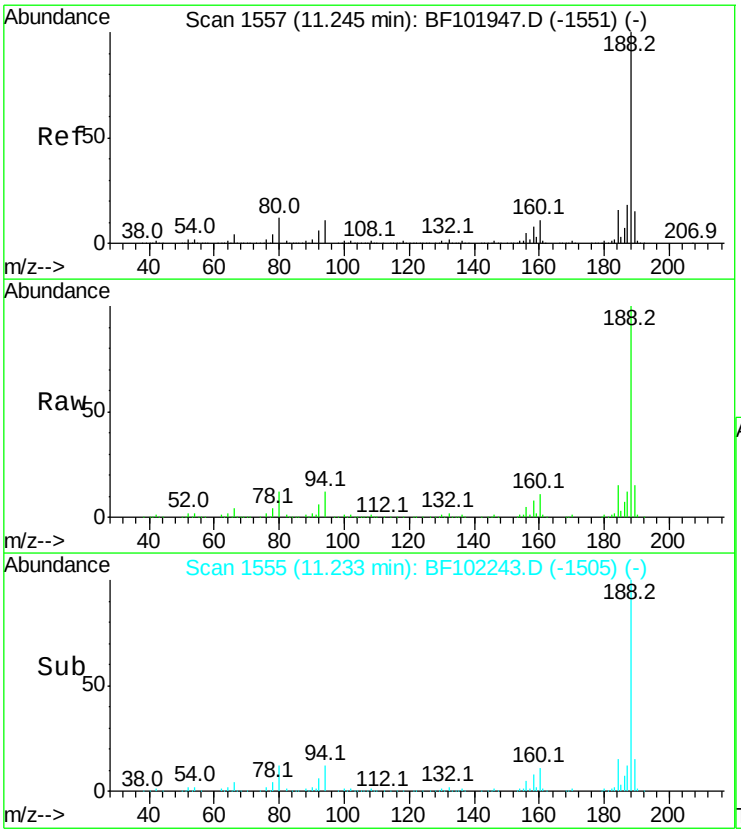
#56
2,4-Dinitrotoluene
Concen: 6.424 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31718

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

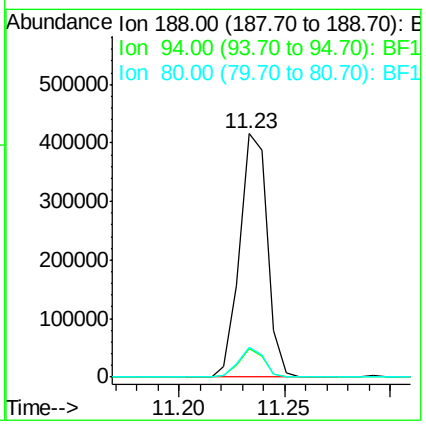


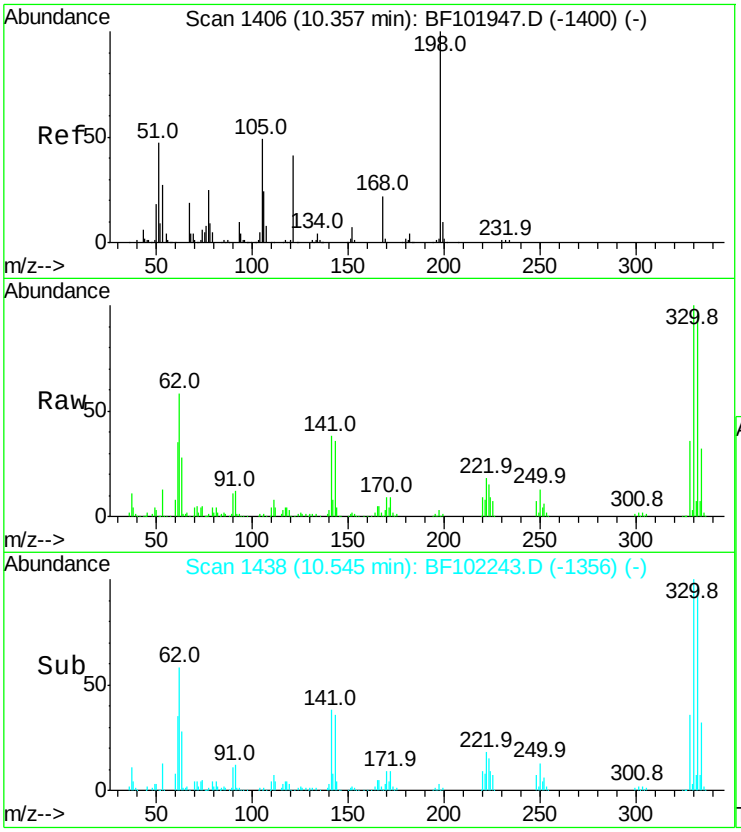


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Tgt Ion:188 Resp: 377717

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.2	9.2	13.8



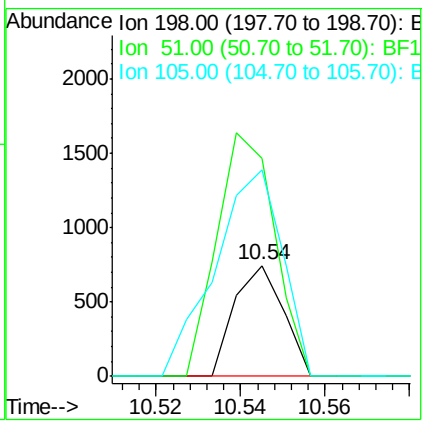


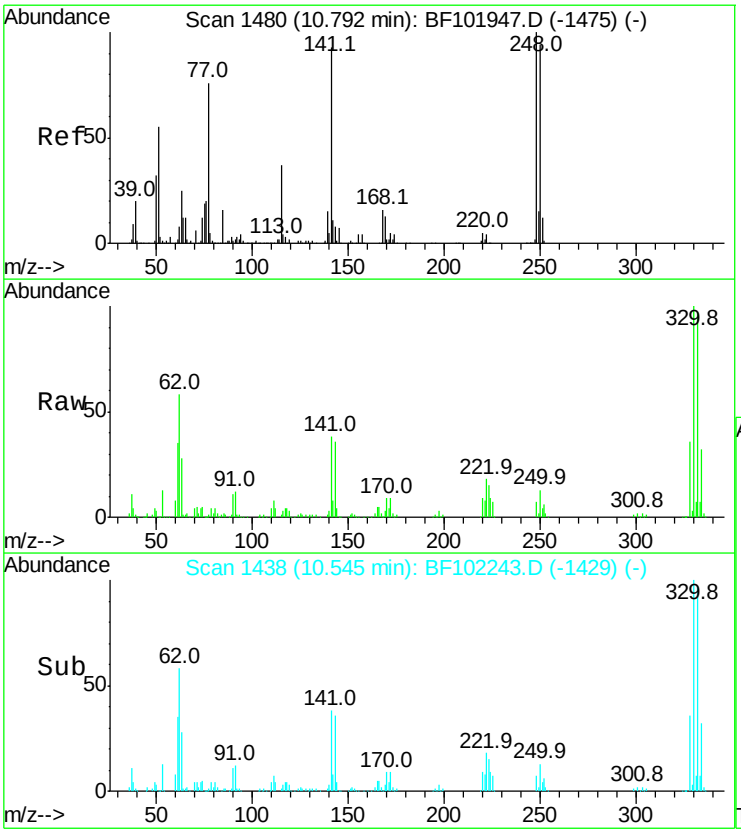
#64
4,6-Dinitro-2-methylphenol
Concen: 5.920 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 599

Ion	Ratio	Lower	Upper
198	100		
51	196.4	37.7	77.7#
105	186.7	36.3	76.3#

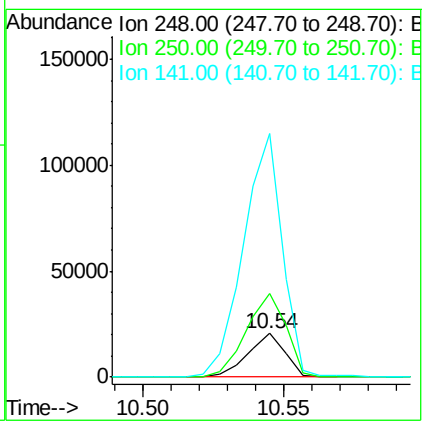


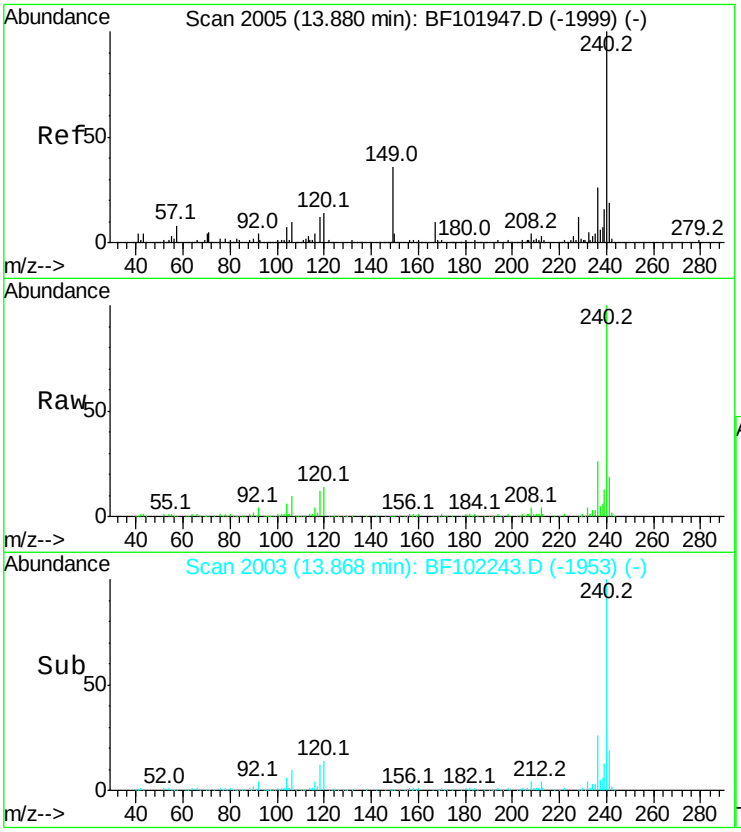


#66
4-Bromophenyl-phenylether
Concen: 4.721 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Tgt Ion:248 Resp: 18832

Ion	Ratio	Lower	Upper
248	100		
250	193.9	76.9	115.3#
141	560.7	74.4	111.6#



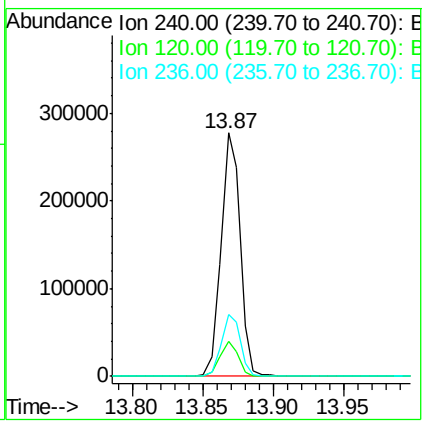


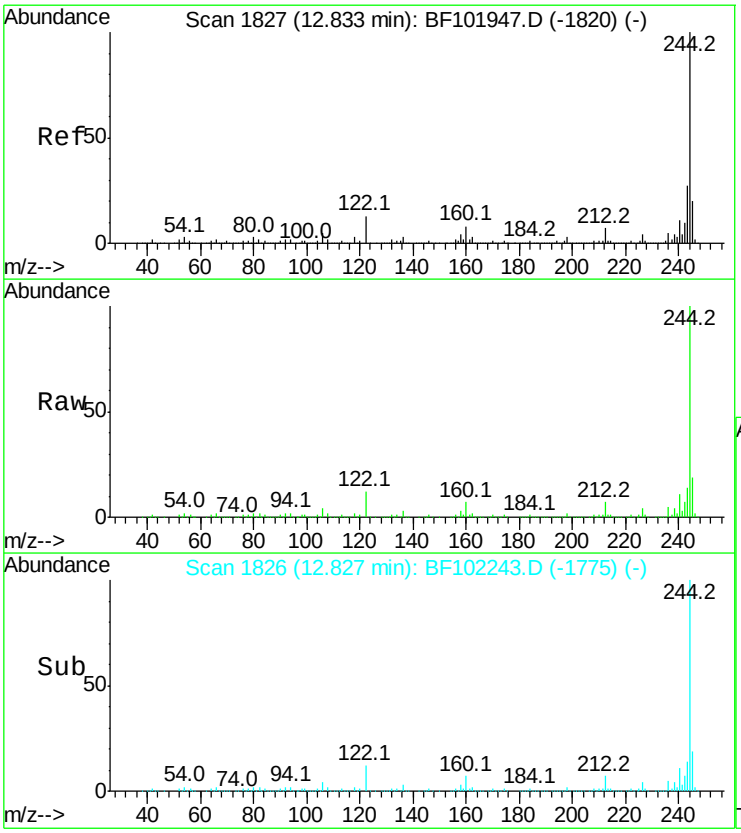
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 260621

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	25.5	20.7	31.1

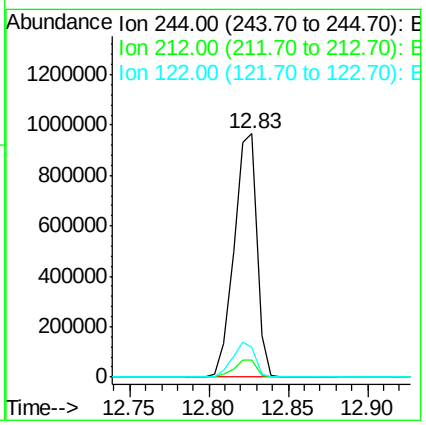


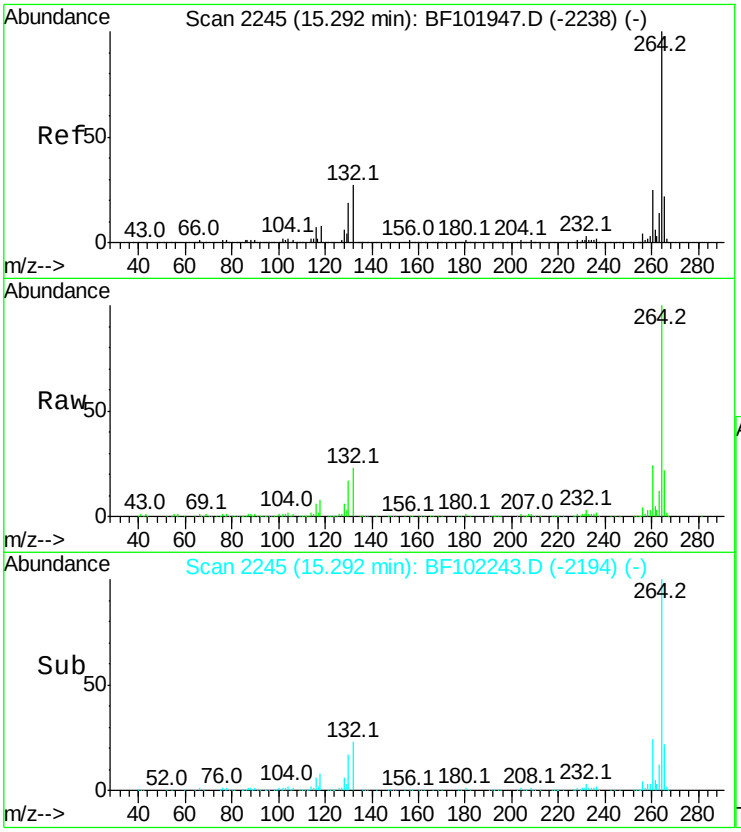


#78
Terphenyl-d14
Concen: 76.651 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF102243.D
Acq: 20 Jan 2018 3:19

Tgt Ion:244 Resp: 962154

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.3	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: BF102243.D
Acq: 20 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 270163

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.5	26.3