Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103321.D
Acq On : 1 Mar 2018 4:17
Operator : SJ/JU
Sample : J1705-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 01 05:52:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	154080	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	622125	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	241286	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	343301	20.00	ng	0.00
75) Chrysene-d12	14.06	240	274029	20.00	ng	0.00
86) Perylene-d12	15.55	264	206894	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	844123	82.86	ng	0.01
7) Phenol-d6	6.51	99	1122891	90.08	ng	0.00
23) Nitrobenzene-d5	7.44	82	782086	71.79	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	107217	52.50	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1130900	79.49	ng	0.00
78) Terphenyl-d14	12.99	244	762967	66.93	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.51	77	1638	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	107545	13.862	ng	# 84
25) Isophorone	7.44	82	782074	36.451	ng	# 64
49) Dimethylphthalate	9.63	163	91860	4.746	ng	99
50) 2,6-Dinitrotoluene	9.92	165	31043	7.642	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	31043	6.043	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	166	5.017	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	7512	2.101	ng	# 1

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

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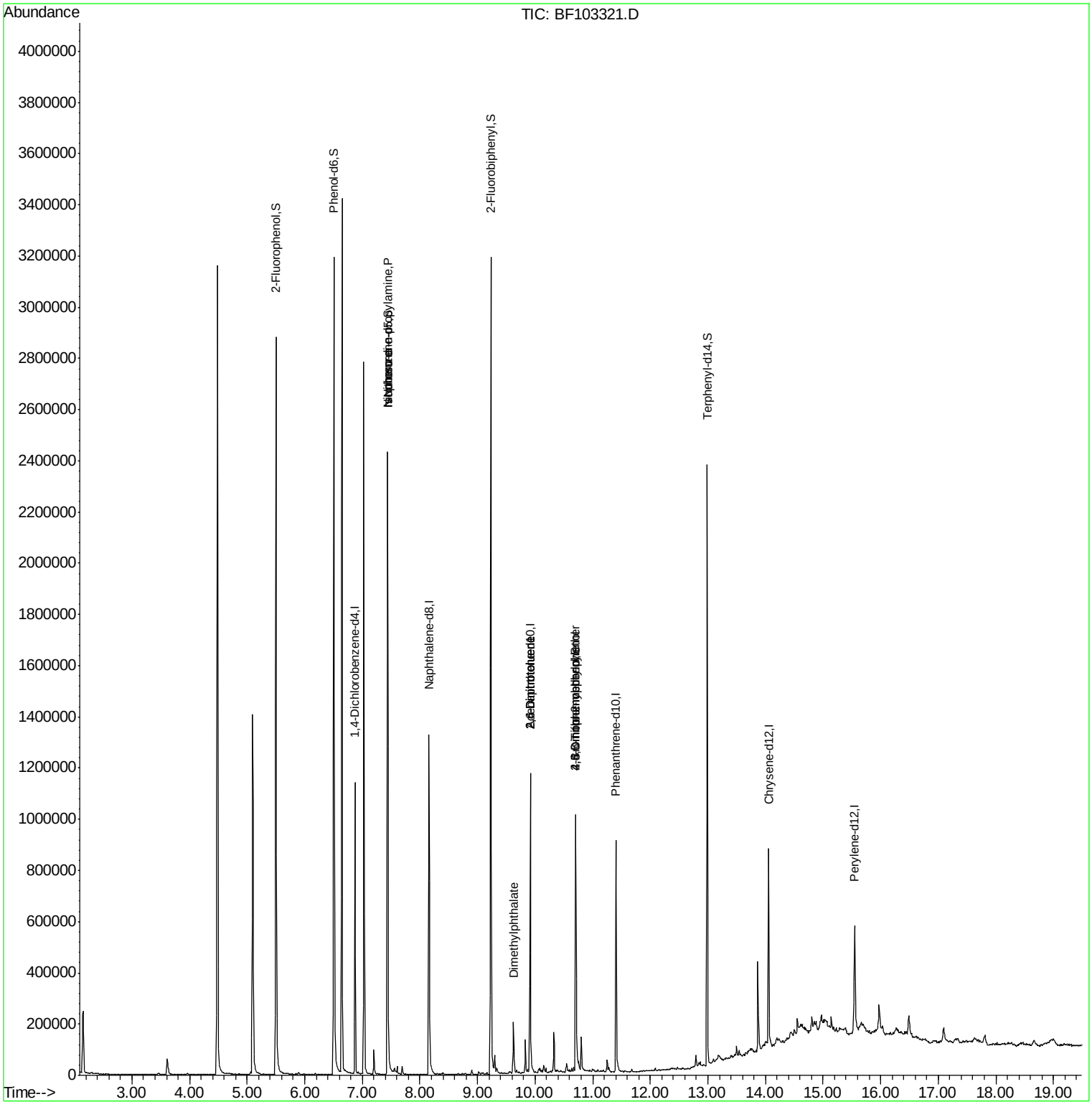
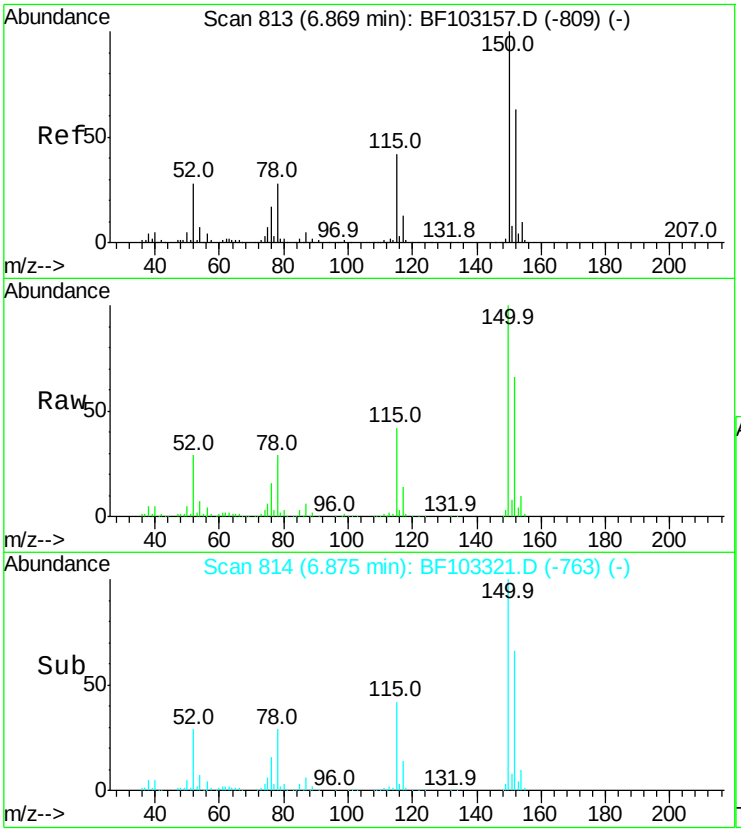


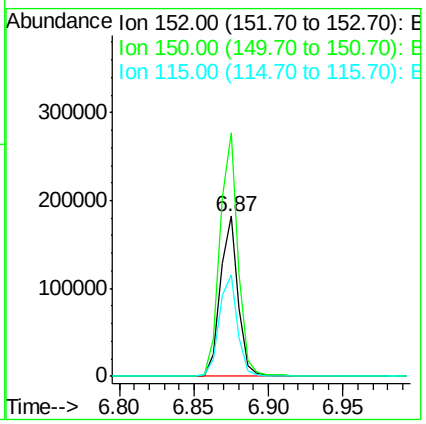


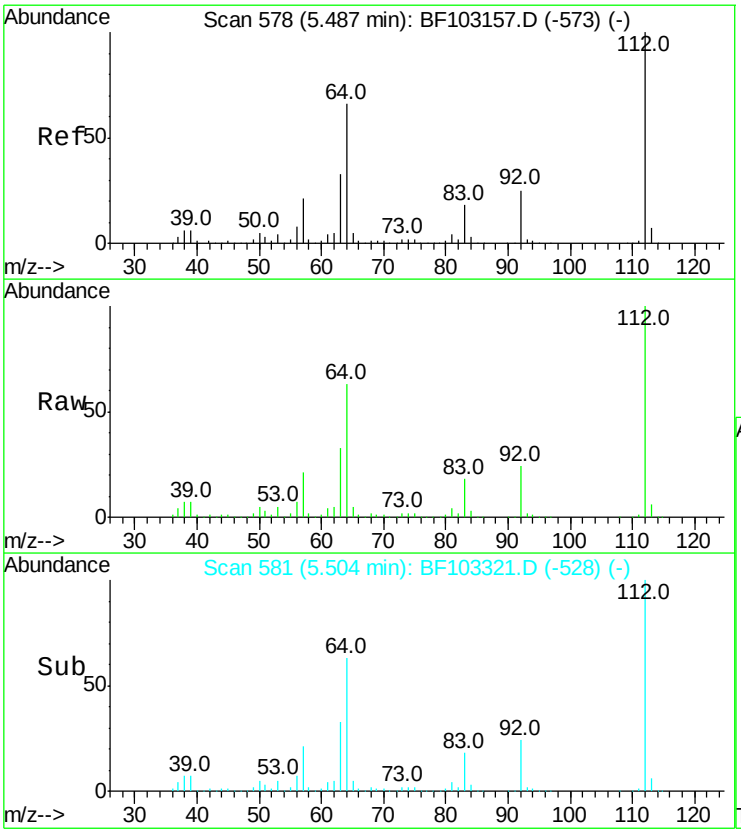
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 154080

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	63.6	50.1	75.1

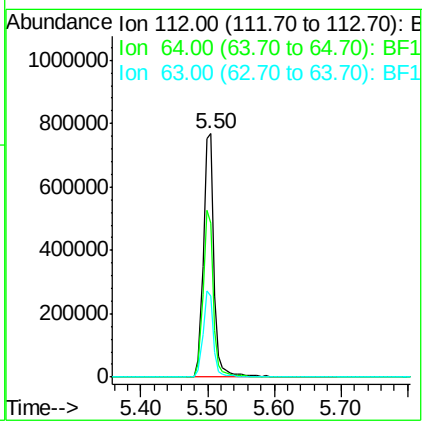


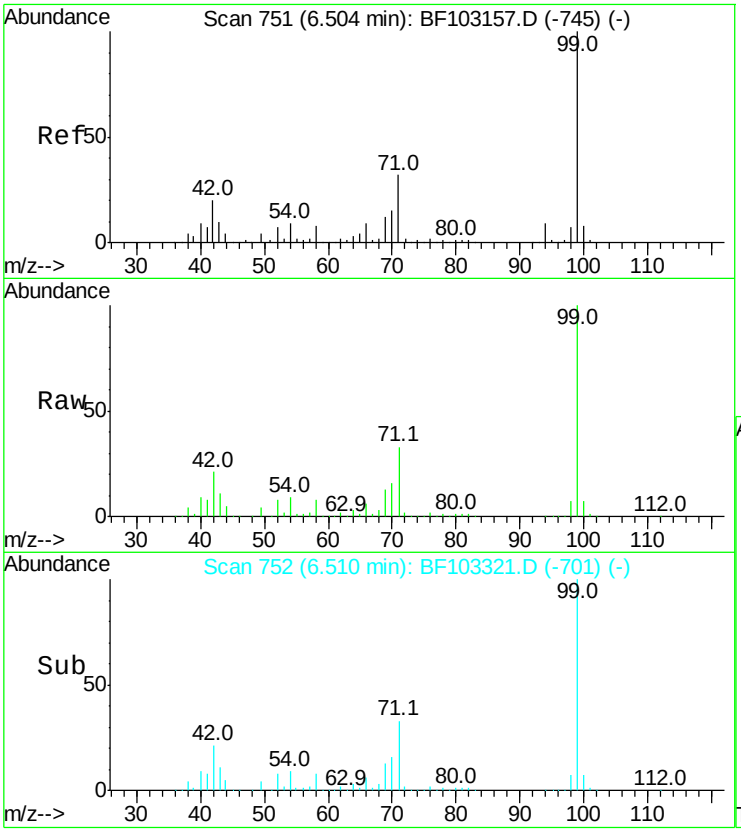


#5
2-Fluorophenol
Concen: 82.858 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Tgt Ion:112 Resp: 844123

Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	33.3	23.7	35.5



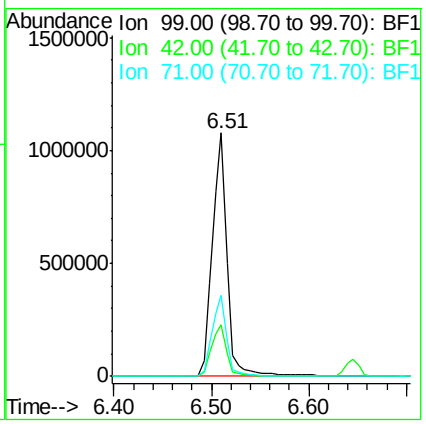


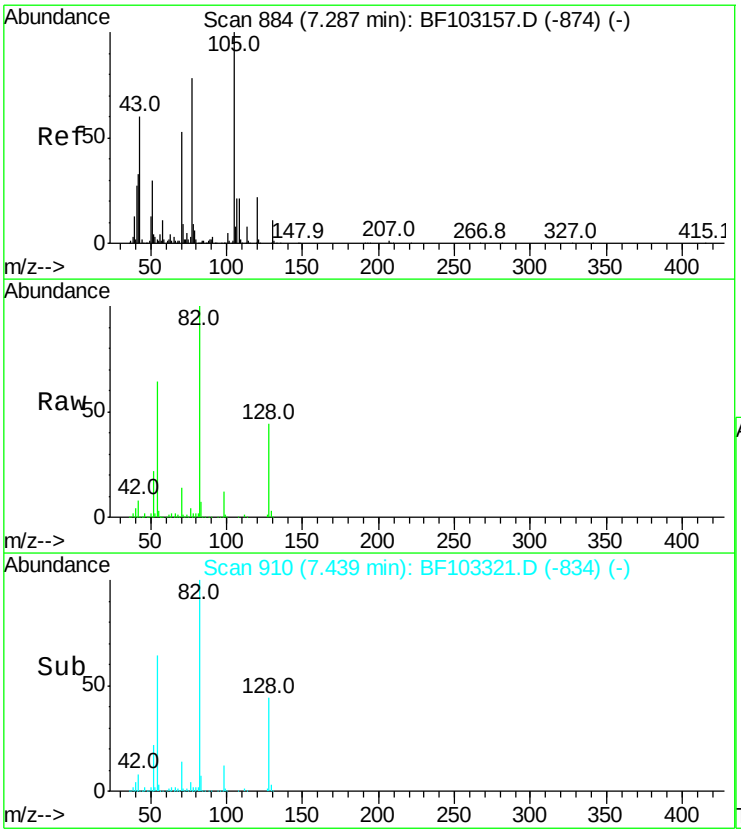
#7
Phenol-d6
Concen: 90.076 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1122891

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	33.5	25.4	38.0

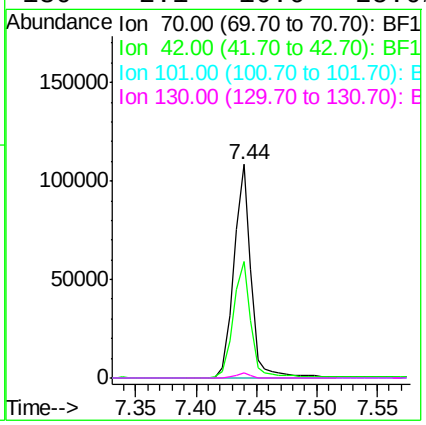


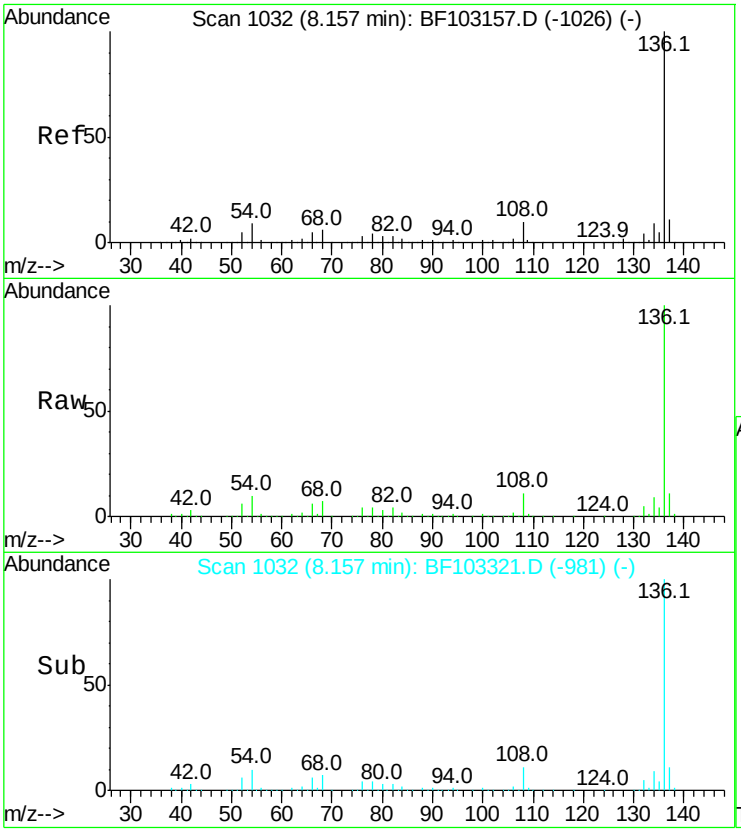


#19
n-Nitroso-di-n-propylamine
Concen: 13.862 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Tgt Ion: 70 Resp: 107545

Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



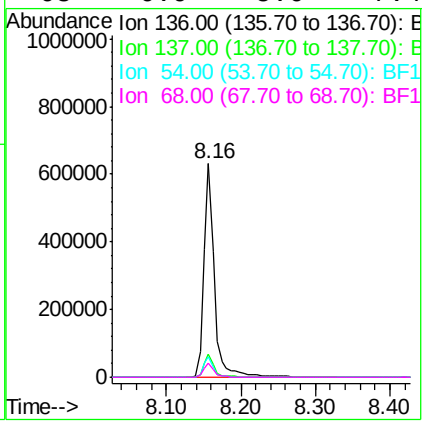


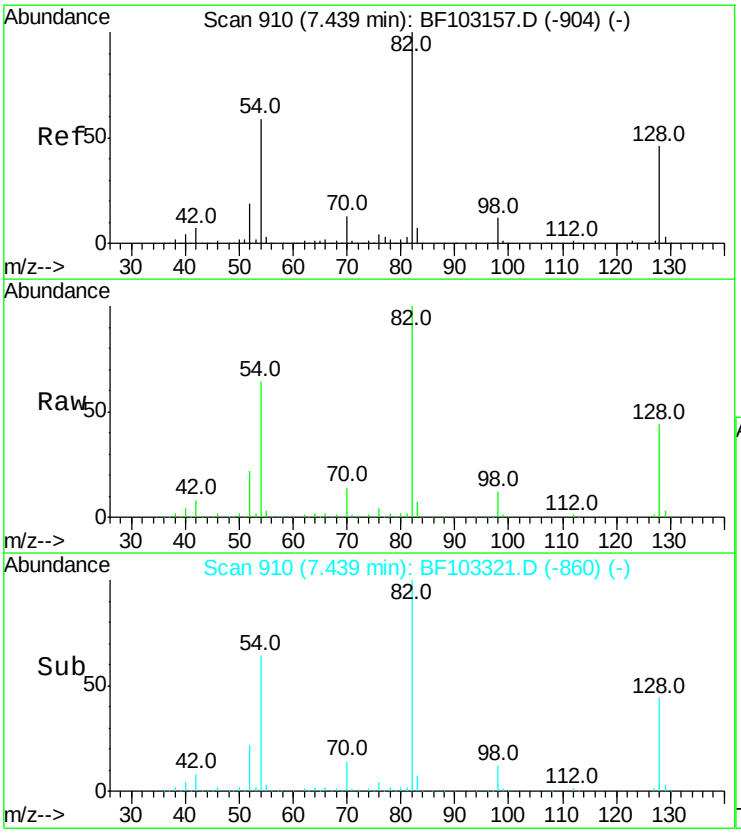
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 622125

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.5	6.6	9.8
68	6.9	5.0	7.4

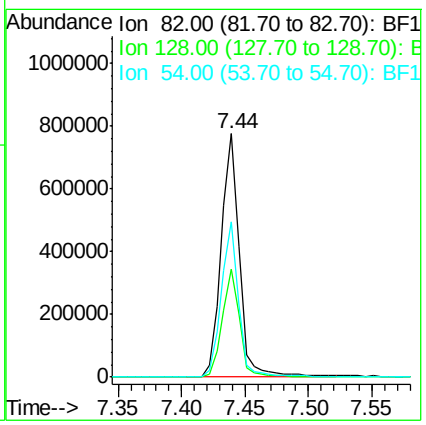


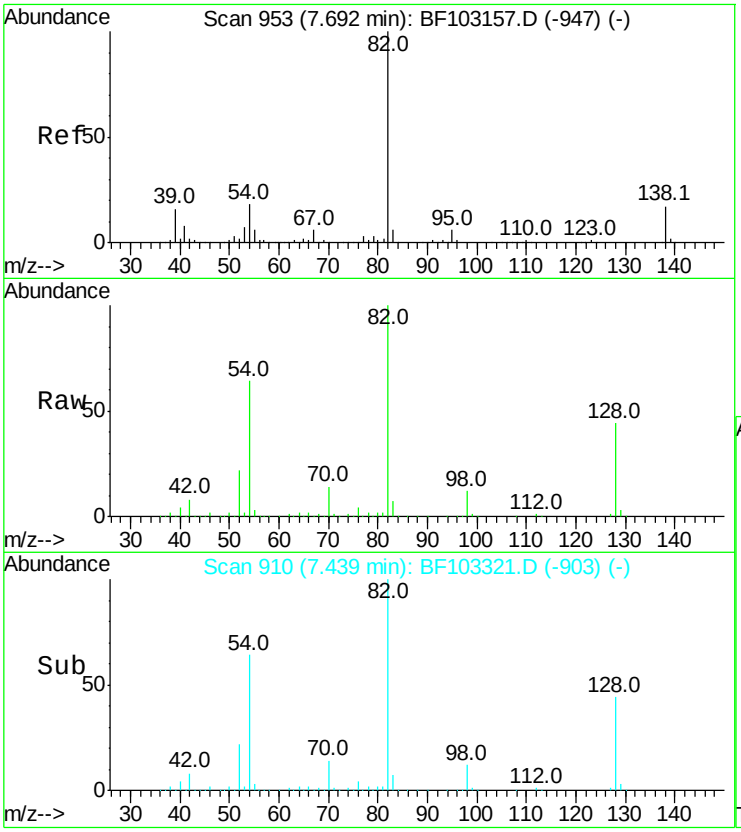


#23
Nitrobenzene-d5
Concen: 71.792 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Tgt Ion: 82 Resp: 782086

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	63.7	41.4	62.2#



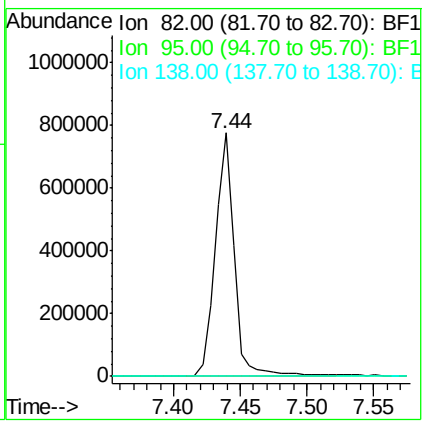


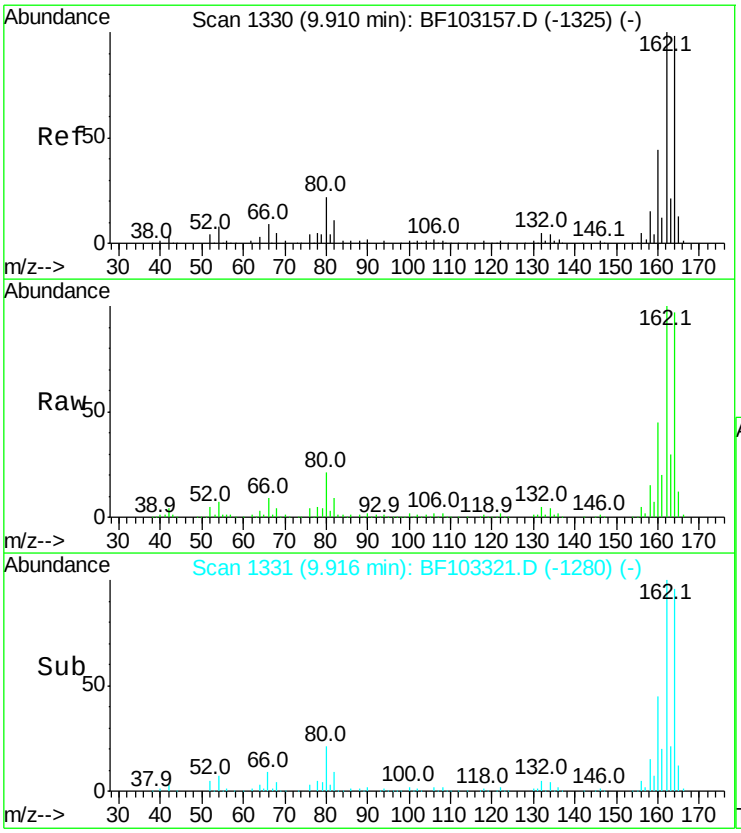
#25
Isophorone
Concen: 36.451 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 782074

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

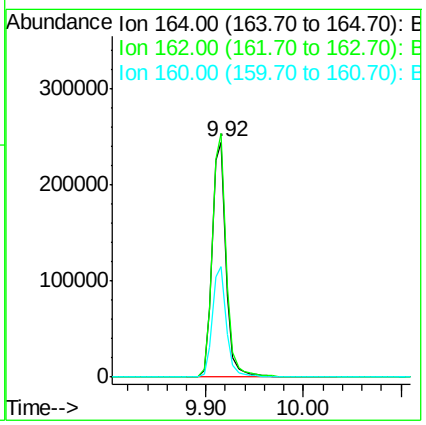


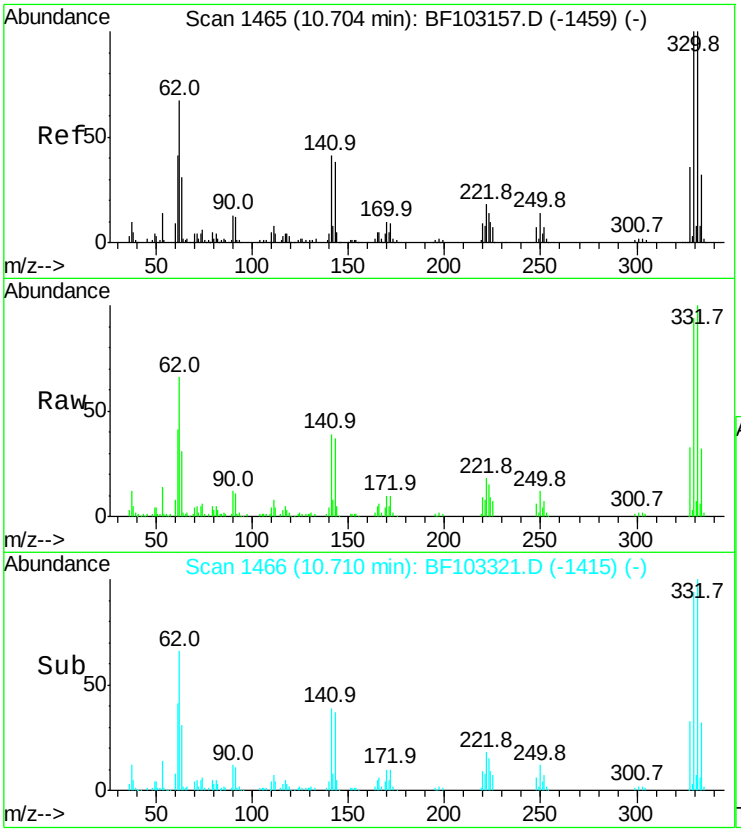


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Tgt Ion:164 Resp: 241286

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.9	38.3	57.5



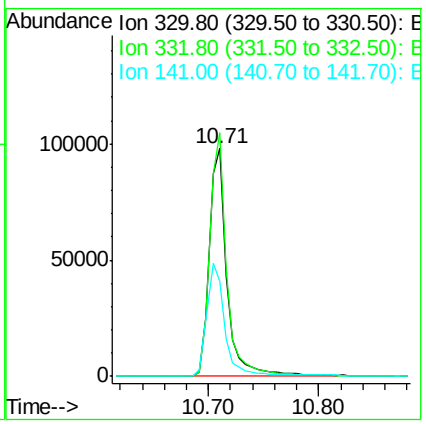


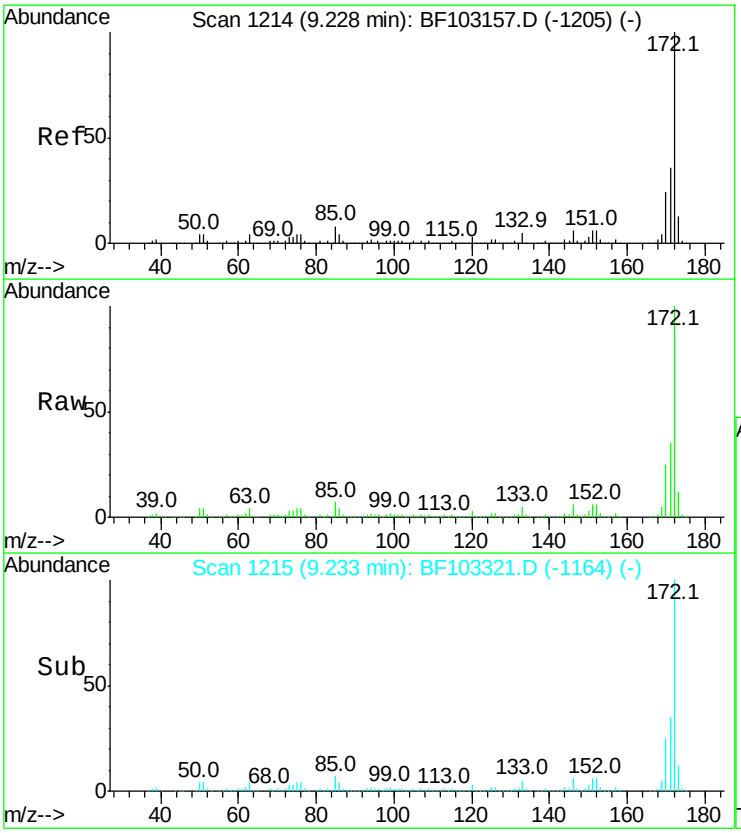
#41
2,4,6-Tribromophenol
Concen: 52.497 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 107217

Ion	Ratio	Lower	Upper
330	100		
332	103.5	77.0	115.6
141	50.3	29.9	44.9#

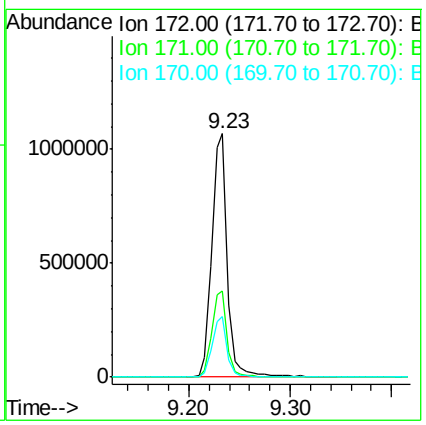


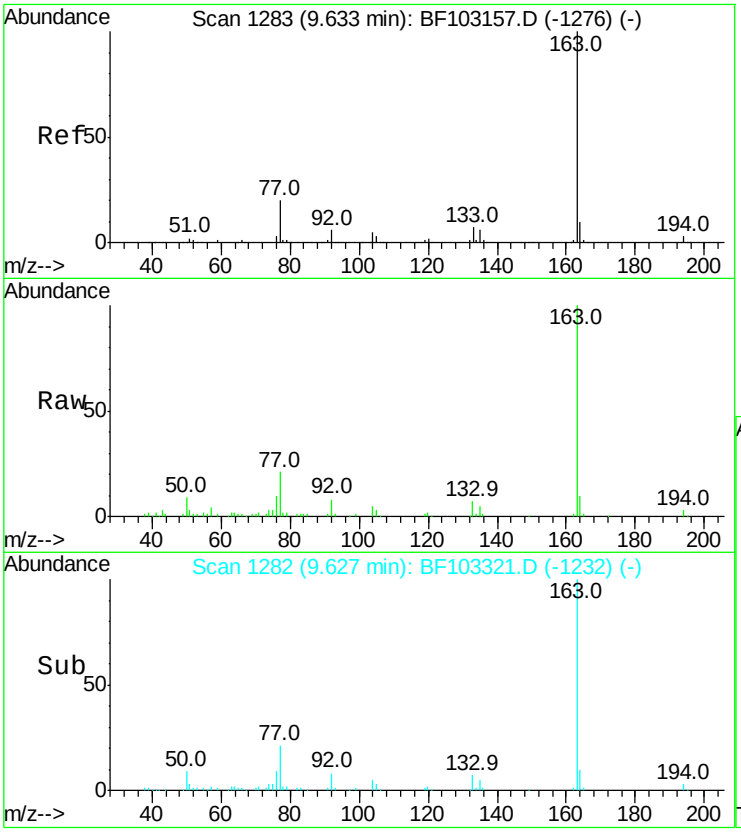


#44
2-Fluorobiphenyl
Concen: 79.493 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Tgt Ion:172 Resp: 1130900

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.7	19.6	29.4



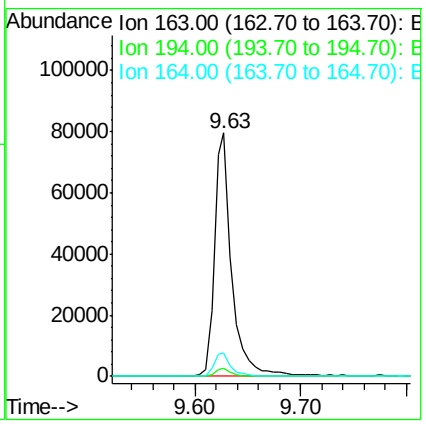


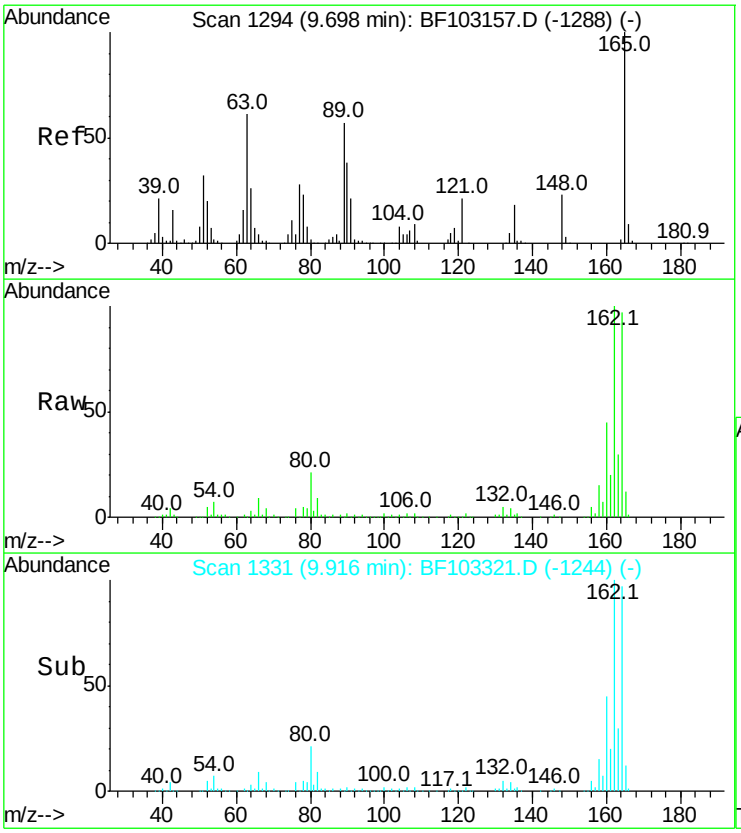
#49
Dimethylphthalate
Concen: 4.746 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 91860

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.5	8.2	12.2

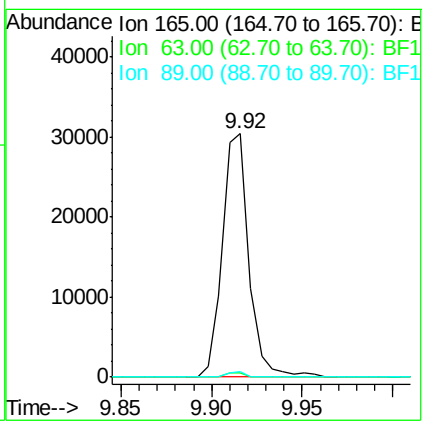


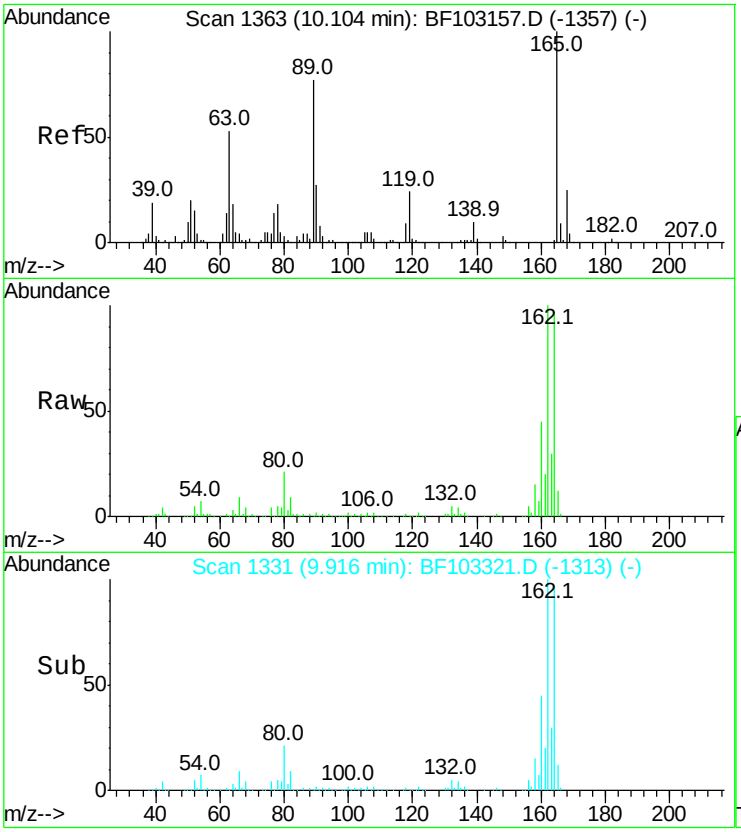


#50
2,6-Dinitrotoluene
Concen: 7.642 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Tgt Ion:165 Resp: 31043

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	2.1	44.0	66.0#



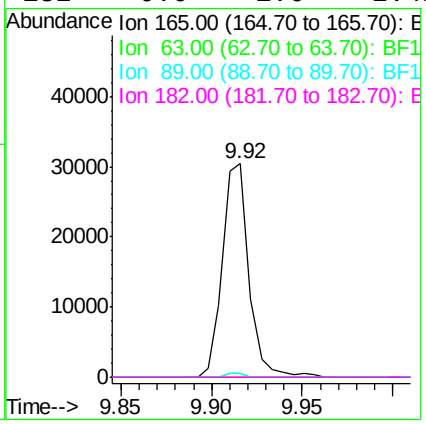


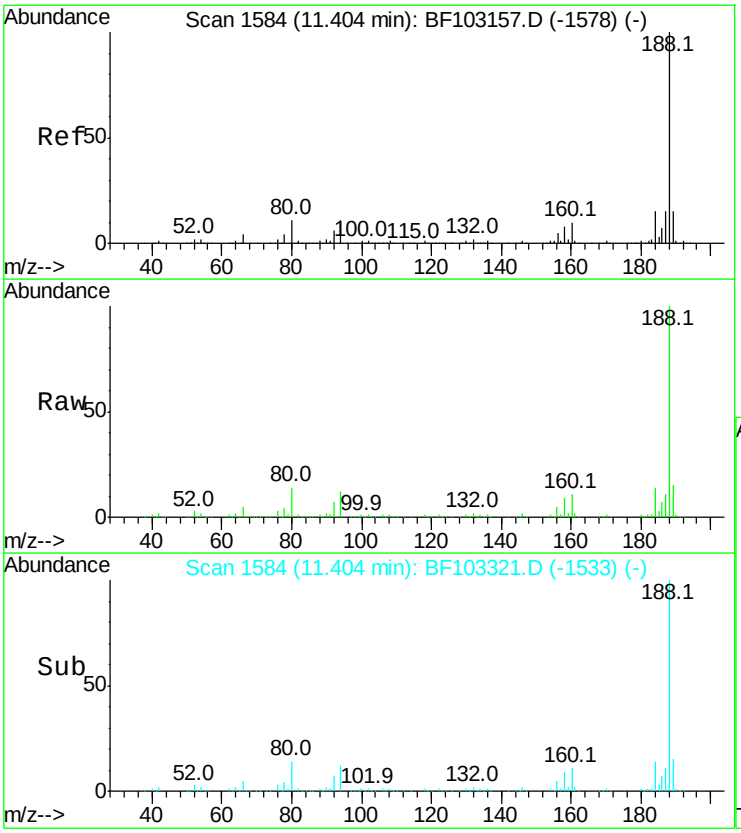
#56
2,4-Dinitrotoluene
Concen: 6.043 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31043

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#

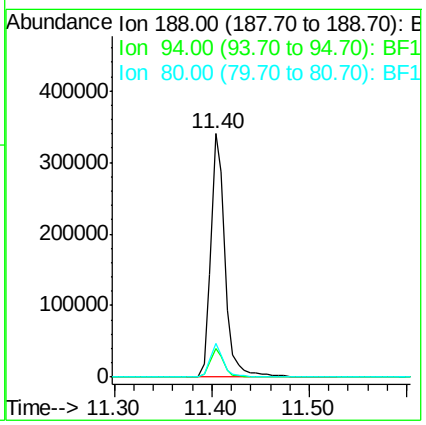


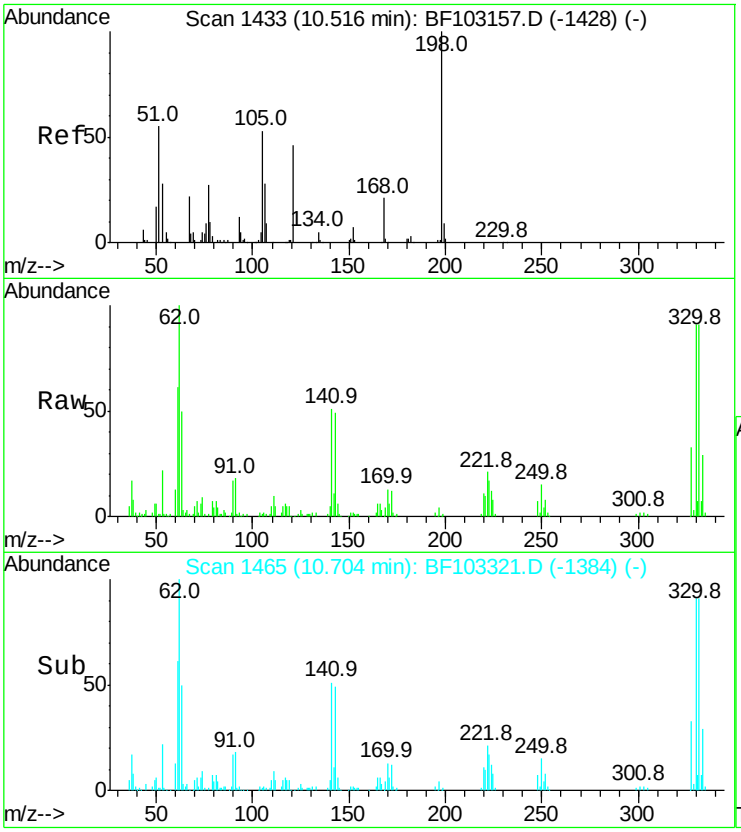


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Tgt Ion:188 Resp: 343301

Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	14.0	9.2	13.8#



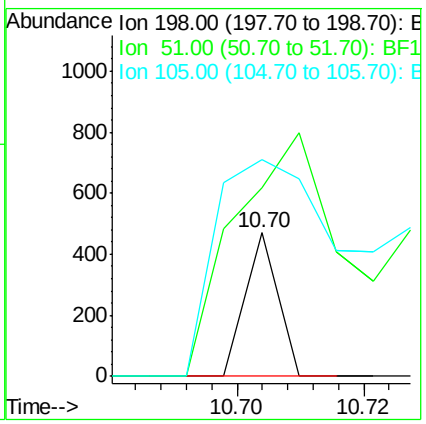


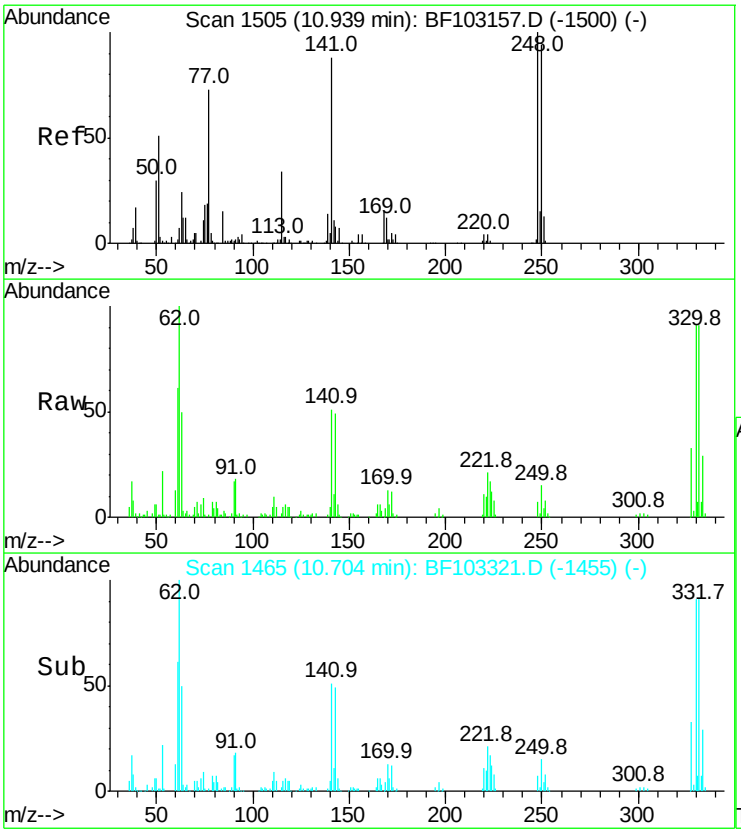
#64
4,6-Dinitro-2-methylphenol
Concen: 5.017 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 166

Ion	Ratio	Lower	Upper
198	100		
51	131.7	37.7	77.7#
105	150.9	36.3	76.3#

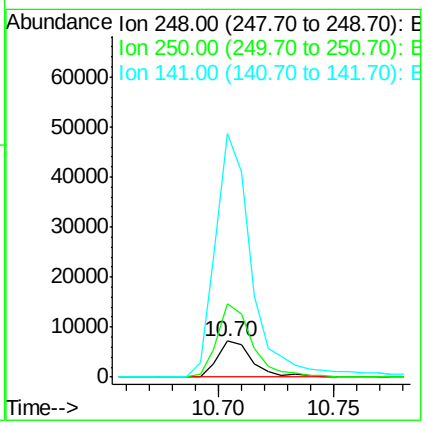


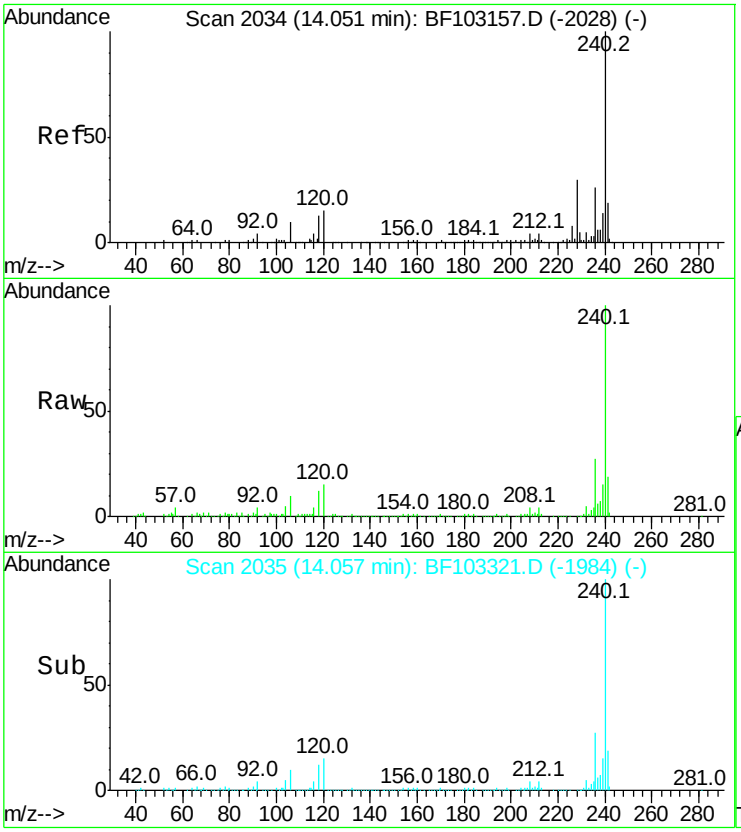


#66
4-Bromophenyl-phenylether
Concen: 2.101 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Tgt Ion:248 Resp: 7512

Ion	Ratio	Lower	Upper
248	100		
250	204.5	76.9	115.3#
141	679.1	74.4	111.6#



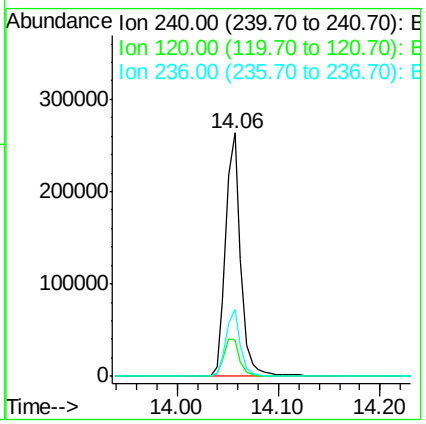


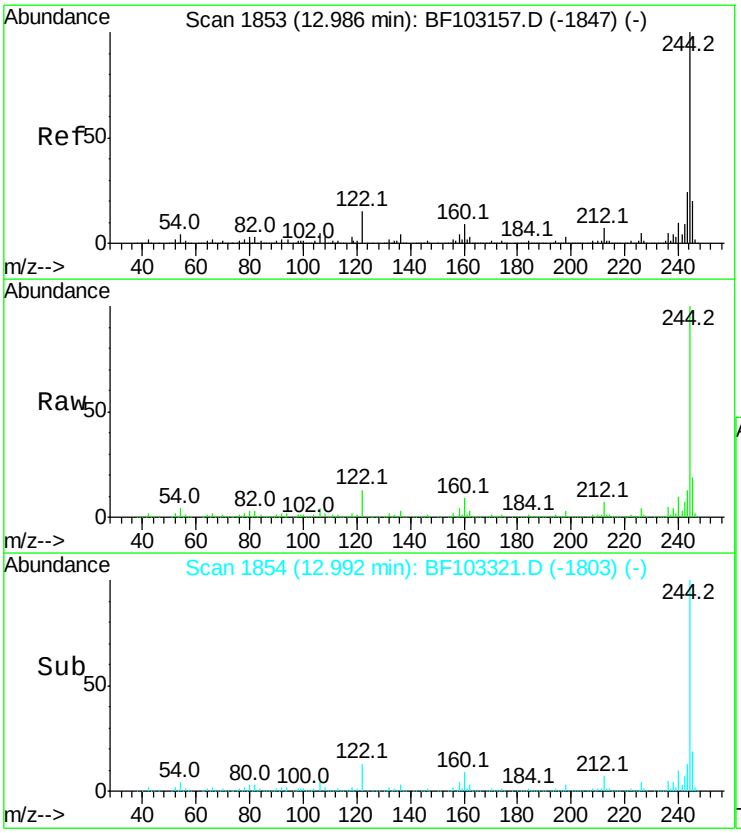
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 274029

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	27.3	20.7	31.1

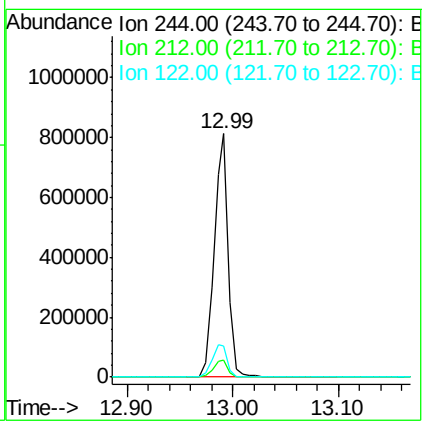


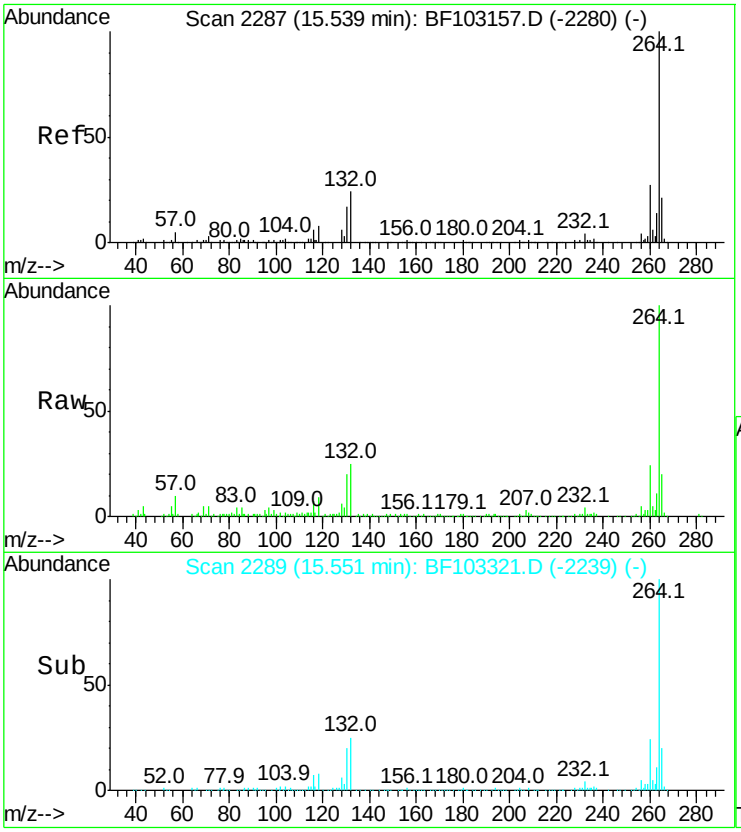


#78
Terphenyl-d14
Concen: 66.930 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Tgt Ion:244 Resp: 762967

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF103321.D
Acq: 1 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 206894

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.2	17.5	26.3