Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103240.D
Acq On : 27 Feb 2018 1:29
Operator : SJ/JU
Sample : J1660-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 27 02:28:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146886	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	584766	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	229450	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	362176	20.00	ng		0.00
75) Chrysene-d12	14.06	240	259311	20.00	ng		0.00
86) Perylene-d12	15.56	264	208979	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1106545	113.94	ng		0.02
7) Phenol-d6	6.52	99	1274222	107.22	ng		0.01
23) Nitrobenzene-d5	7.44	82	776269	75.81	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	205769	105.95	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1177010	89.46	ng		0.00
78) Terphenyl-d14	12.99	244	901049	83.53	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	103491	13.99	ng	#	81
25) Isophorone	7.44	82	776261	38.49	ng	#	64
49) Dimethylphthalate	9.62	163	88112	4.79	ng		100
50) 2,6-Dinitrotoluene	9.92	165	29492	7.63	ng	#	26
56) 2,4-Dinitrotoluene	9.92	165	29492	6.04	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.71	198	460	5.13	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	14001	3.71	ng	#	1

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

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Acq On : 27 Feb 2018 1:29
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Misc :
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ClientSampleId :

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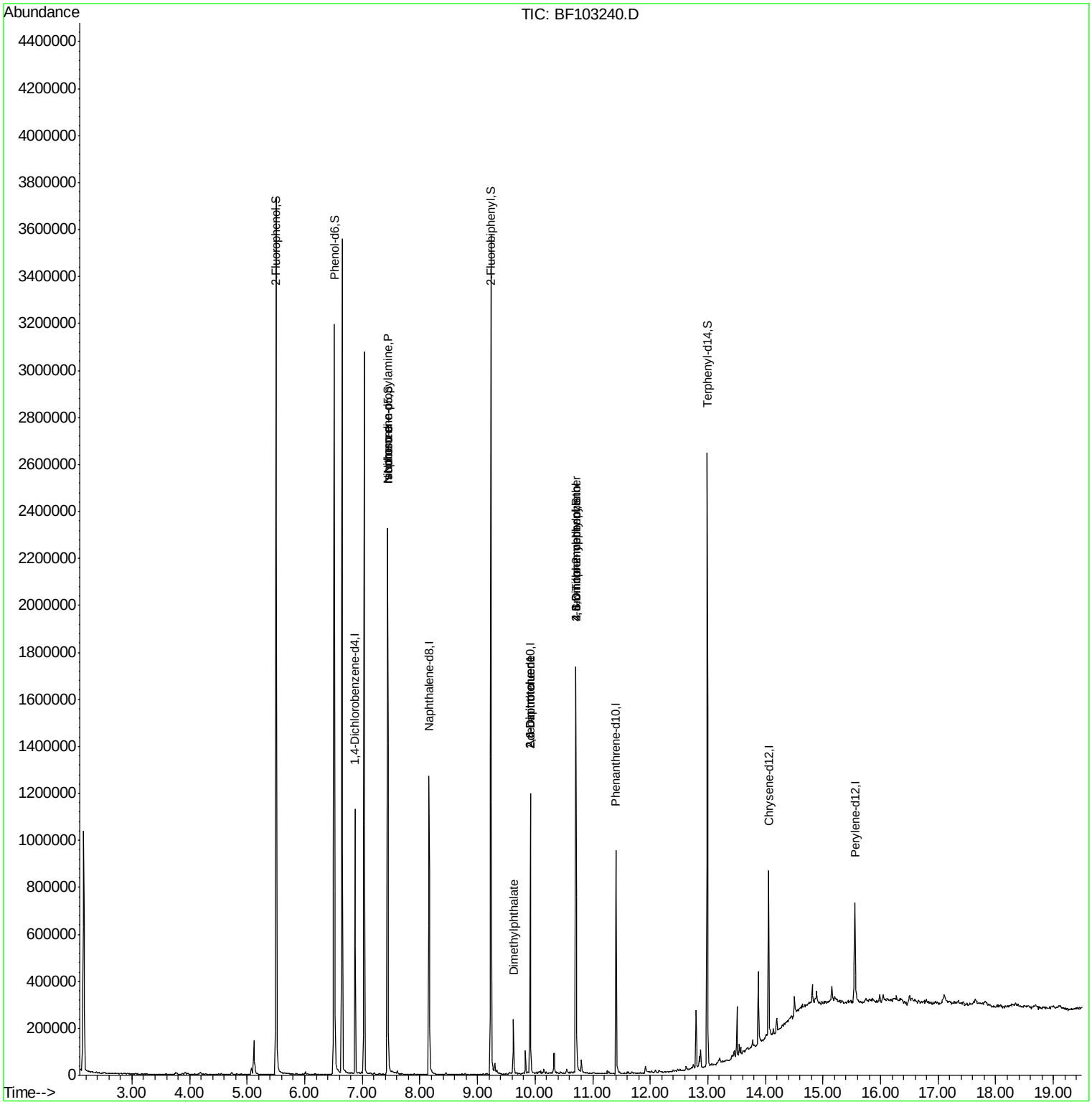
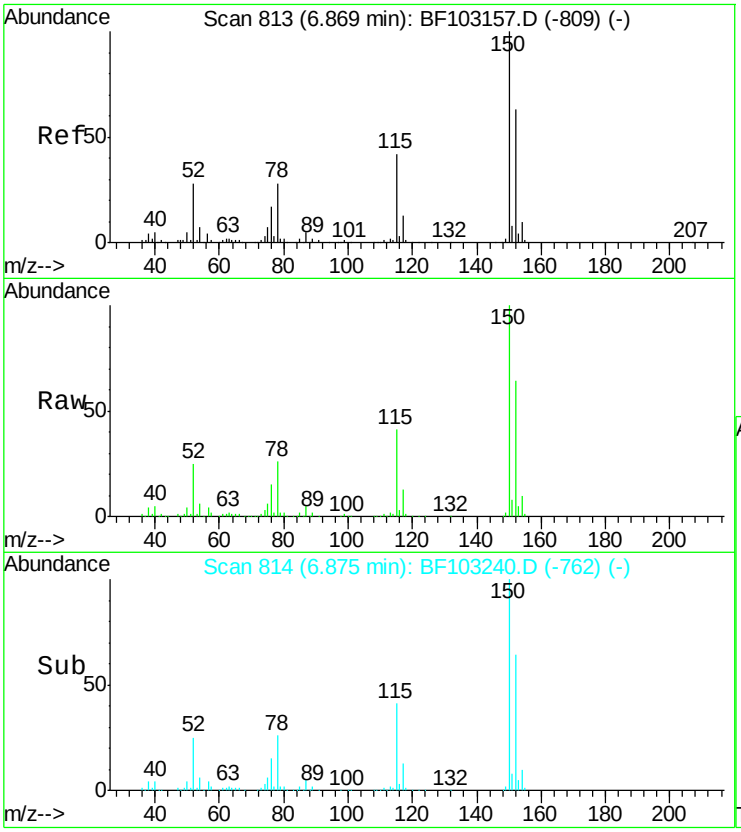


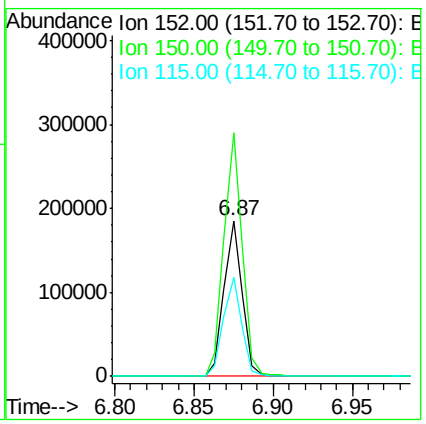


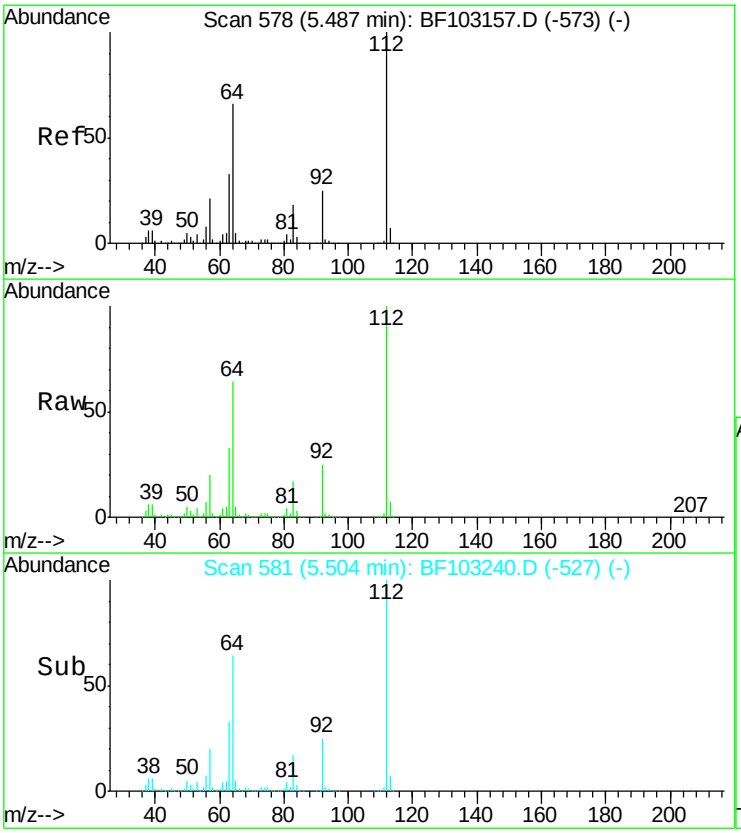
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 146886

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	63.7	50.1	75.1

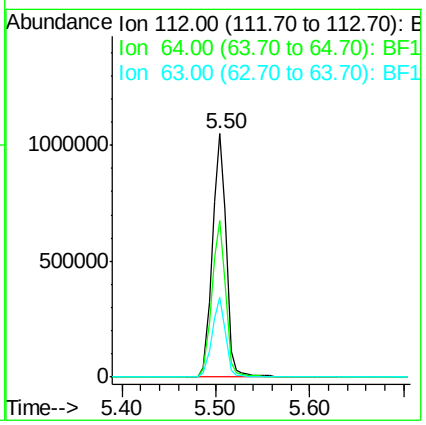


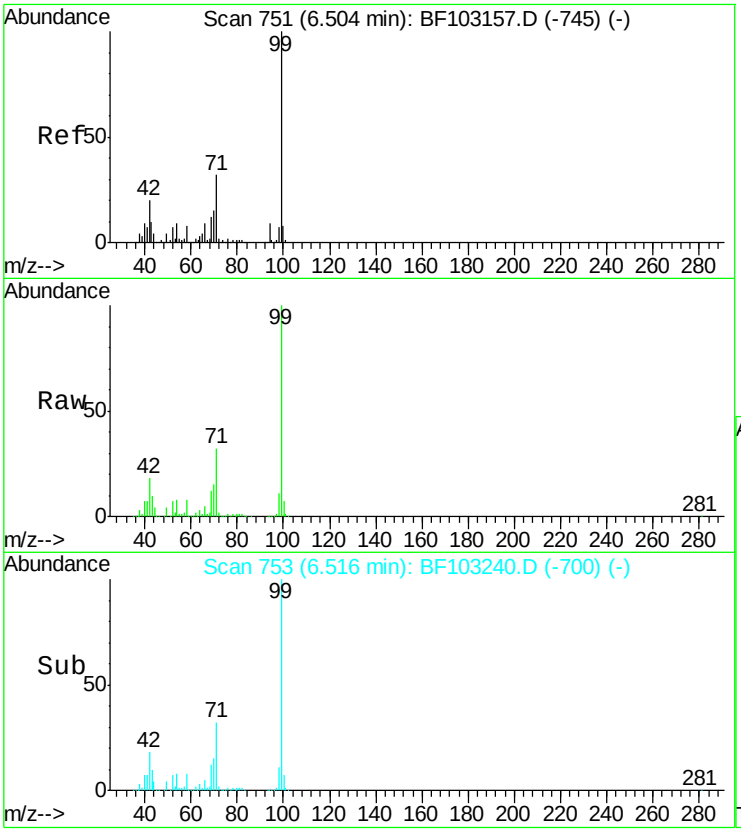


#5
2-Fluorophenol
Concen: 113.94 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Tgt Ion:112 Resp: 1106545

Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	32.9	23.7	35.5



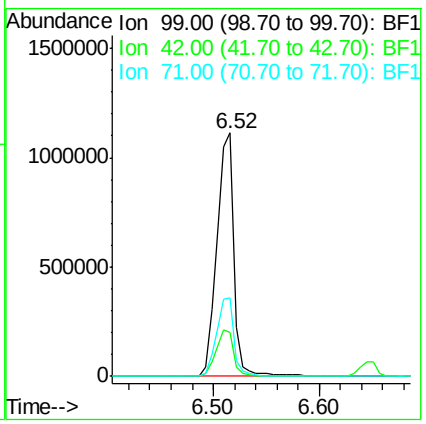


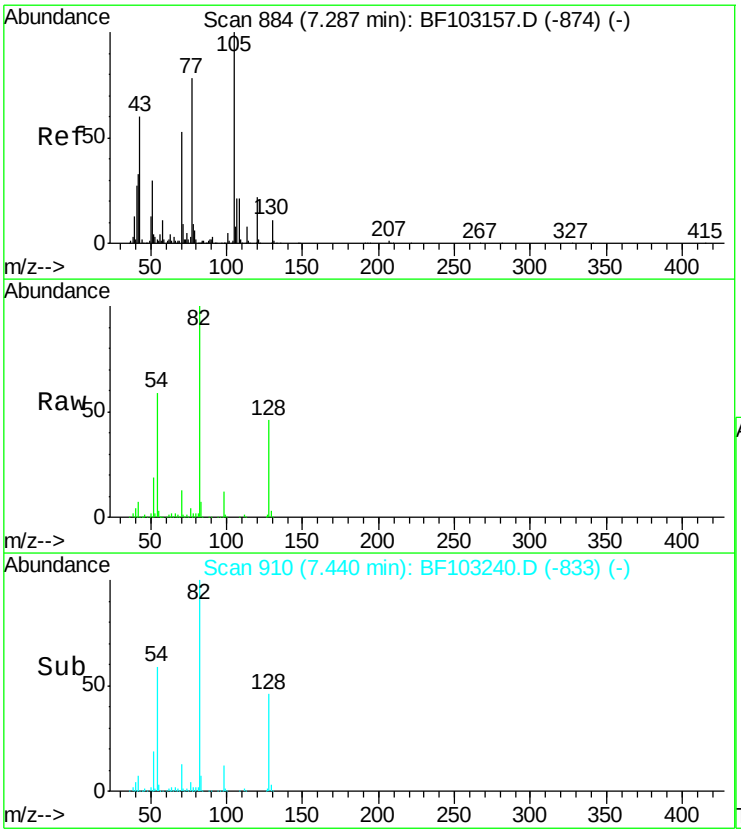
#7
Phenol-d6
Concen: 107.22 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1274222

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	32.1	25.4	38.0

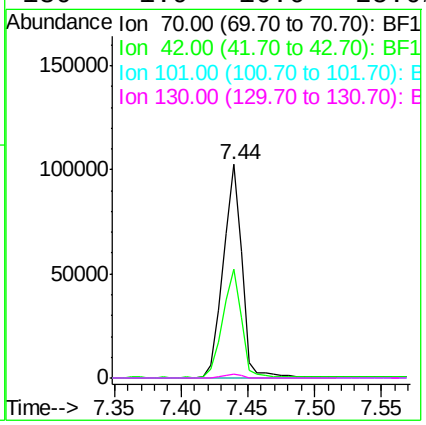


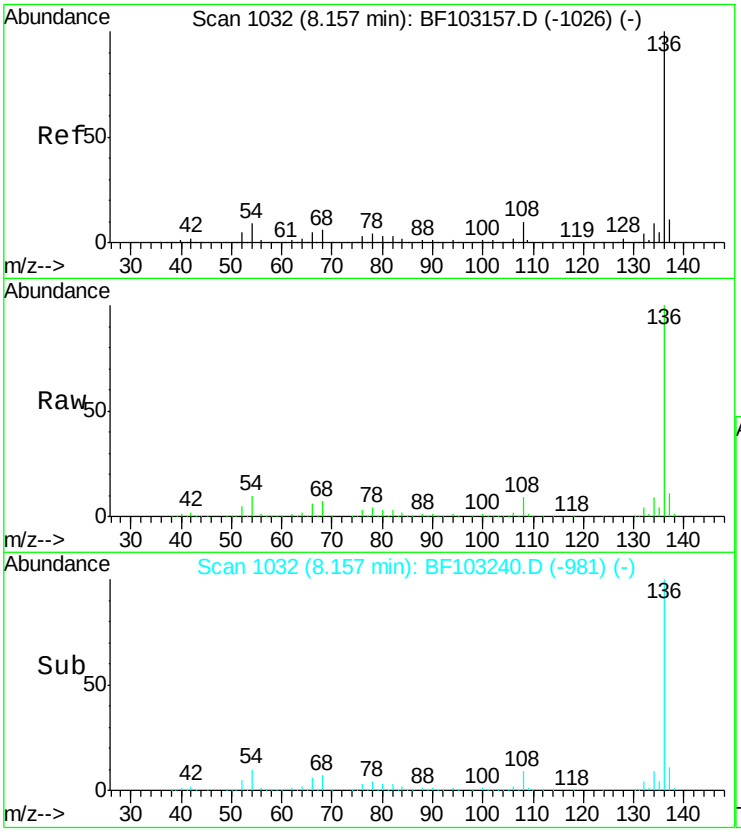


#19
n-Nitroso-di-n-propylamine
Concen: 13.99 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Tgt Ion: 70 Resp: 103491

Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



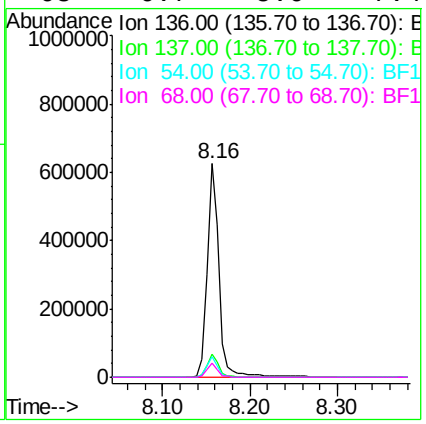


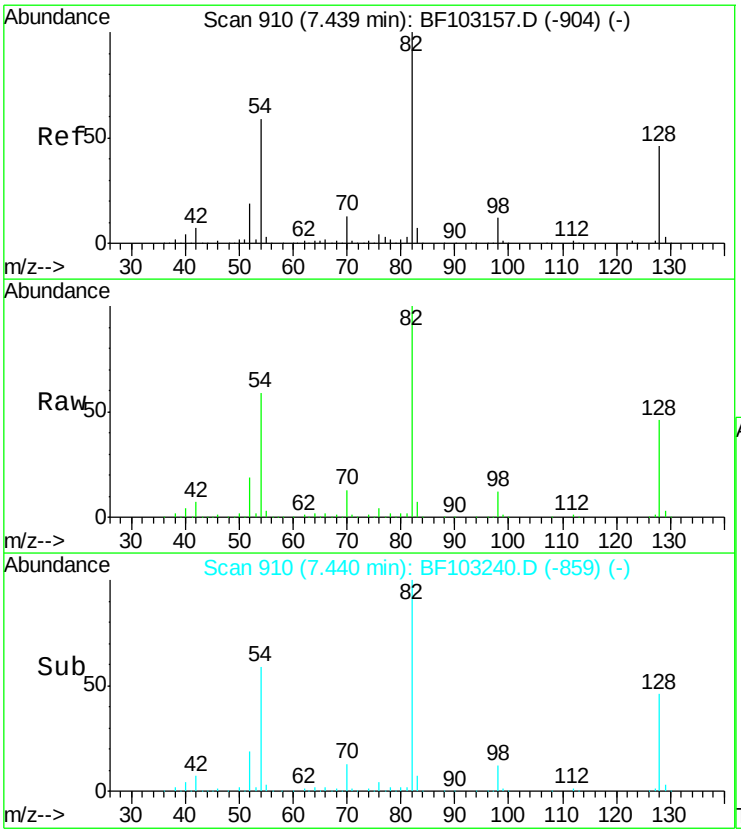
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 584766

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	6.6	9.8
68	6.7	5.0	7.4

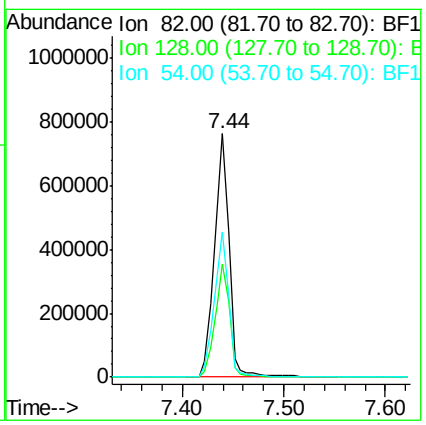


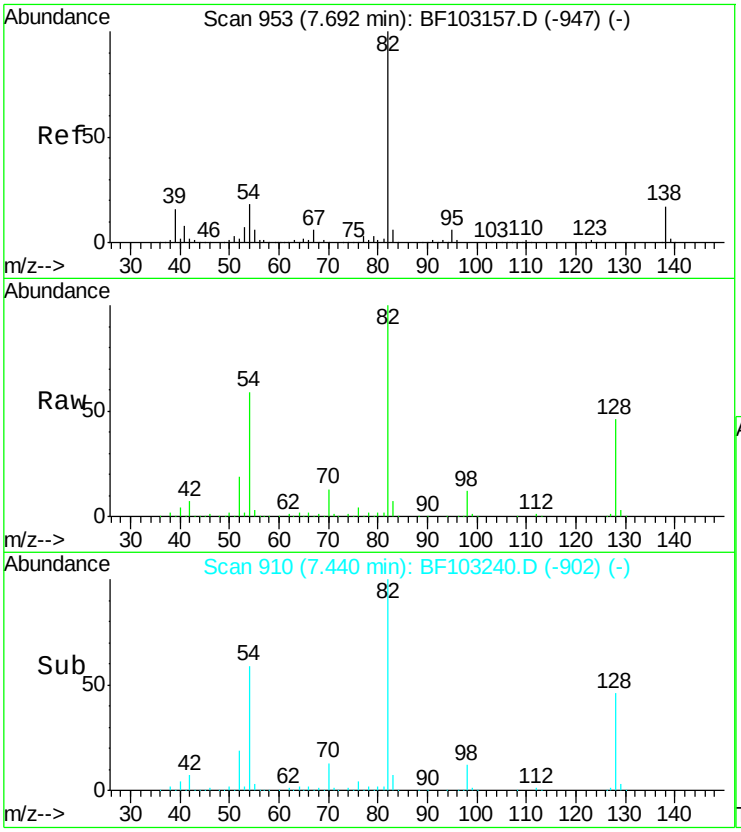


#23
Nitrobenzene-d5
Concen: 75.81 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Tgt Ion: 82 Resp: 776269

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	59.4	41.4	62.2



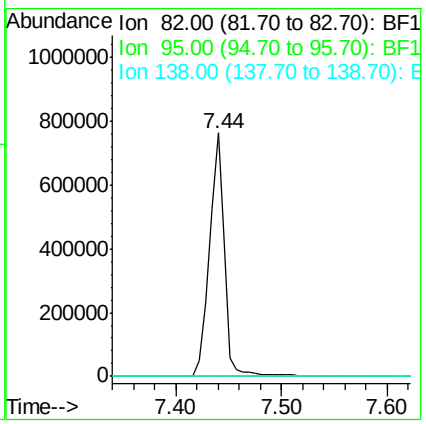


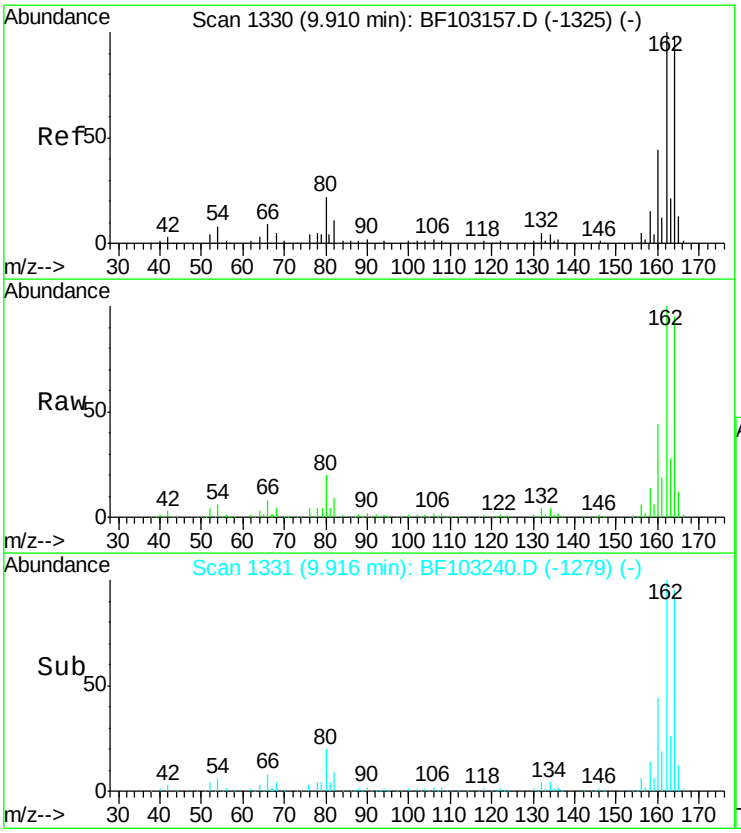
#25
Isophorone
Concen: 38.49 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 776261

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

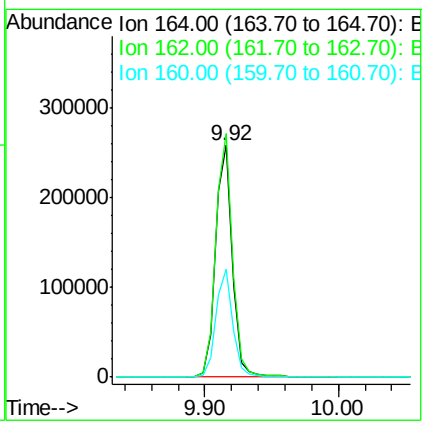


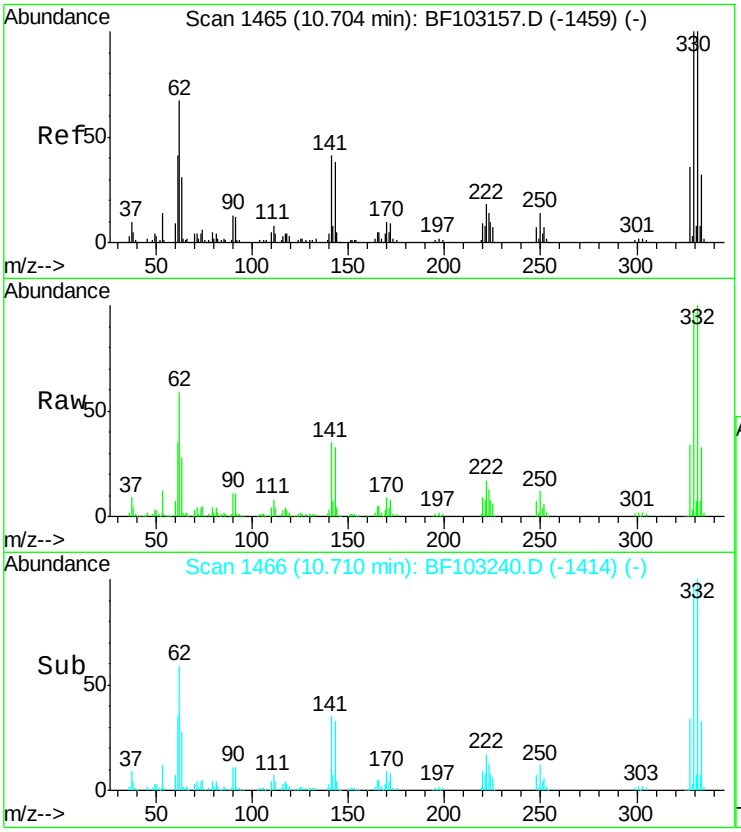


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Tgt Ion:164 Resp: 229450

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.4	38.3	57.5



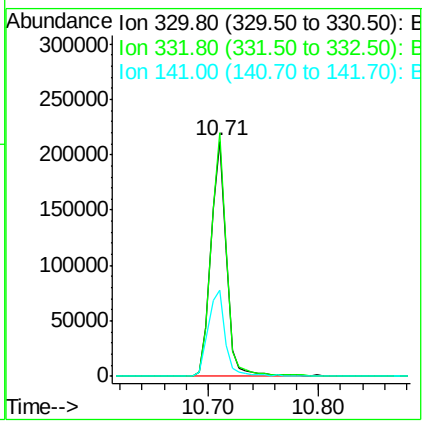


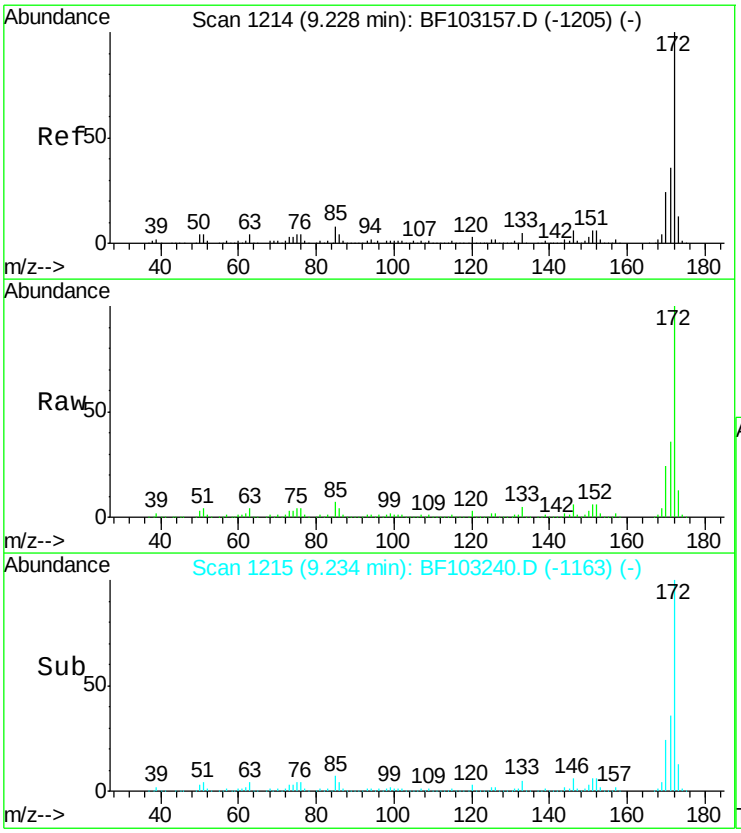
#41
2,4,6-Tribromophenol
Concen: 105.95 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 205769

Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	40.4	29.9	44.9

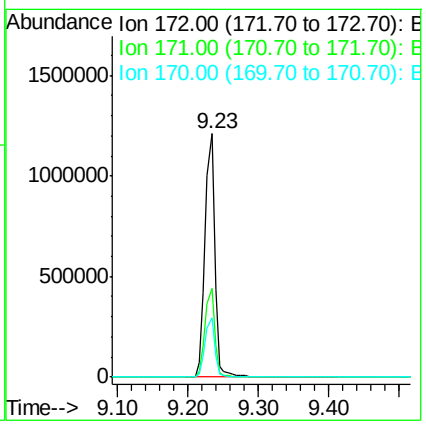


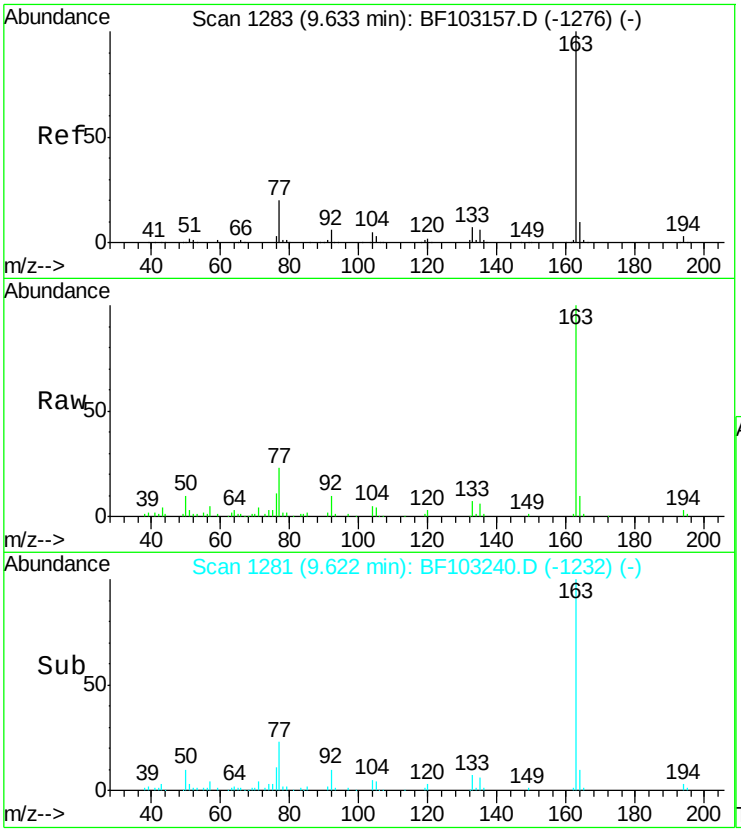


#44
2-Fluorobiphenyl
Concen: 89.46 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Tgt Ion:172 Resp: 1177010

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4



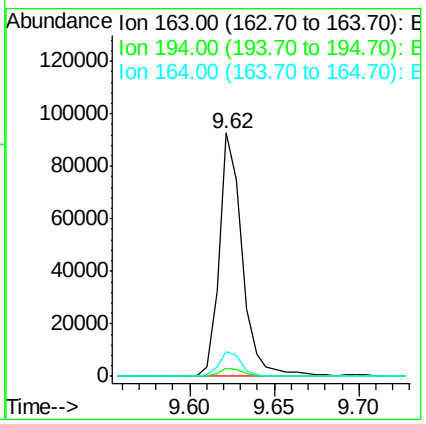


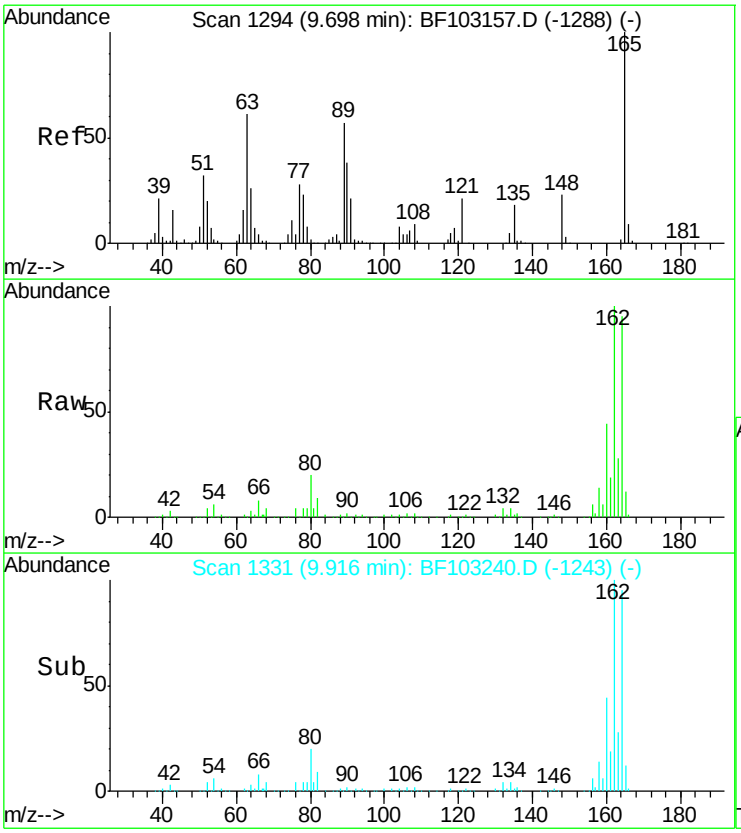
#49
Dimethylphthalate
Concen: 4.79 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 88112

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.2	8.2	12.2

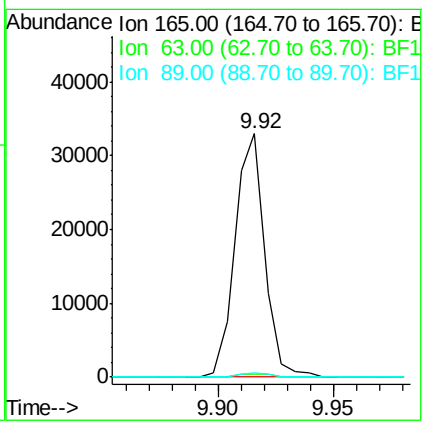


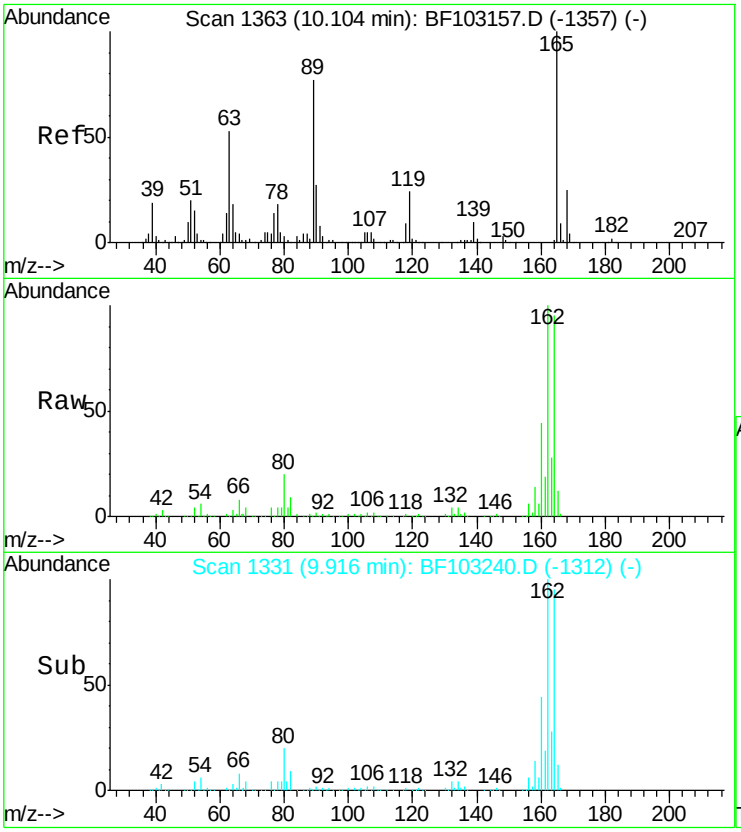


#50
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Tgt Ion:165 Resp: 29492

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#



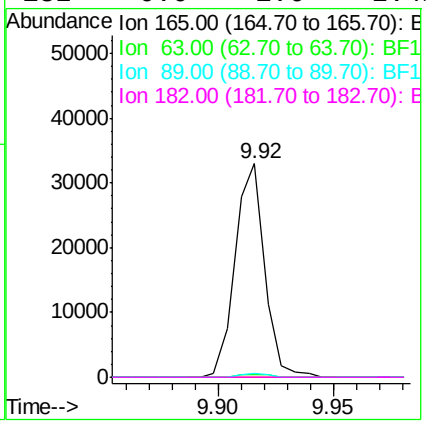


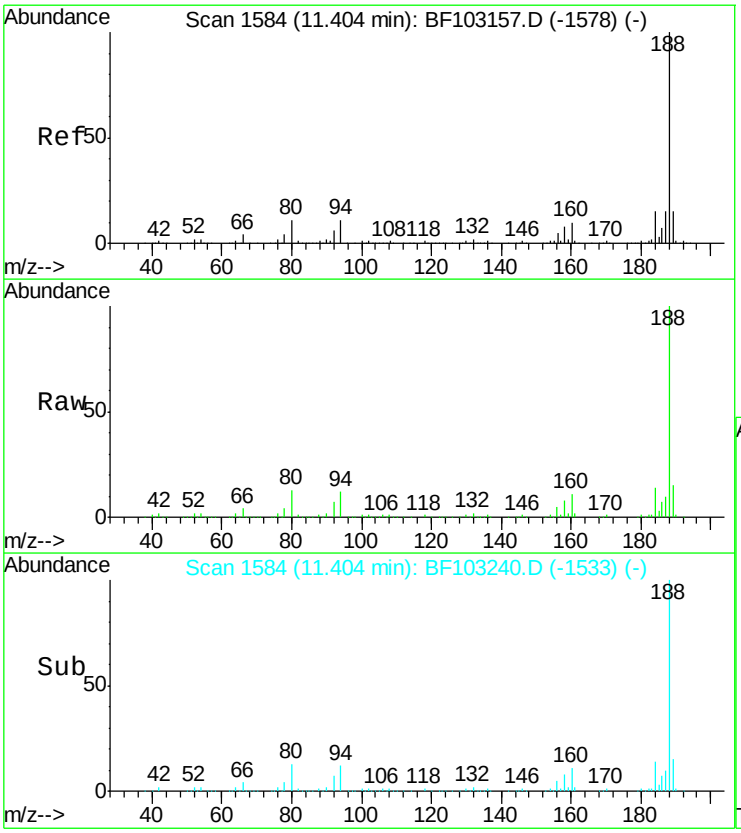
#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29492

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

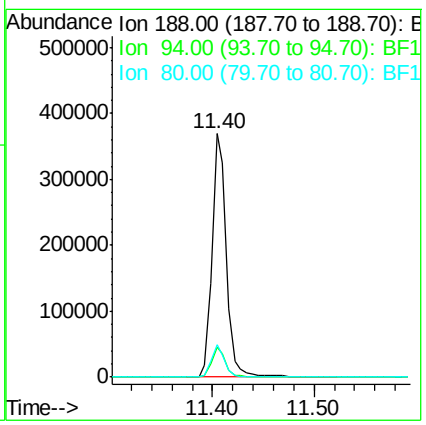


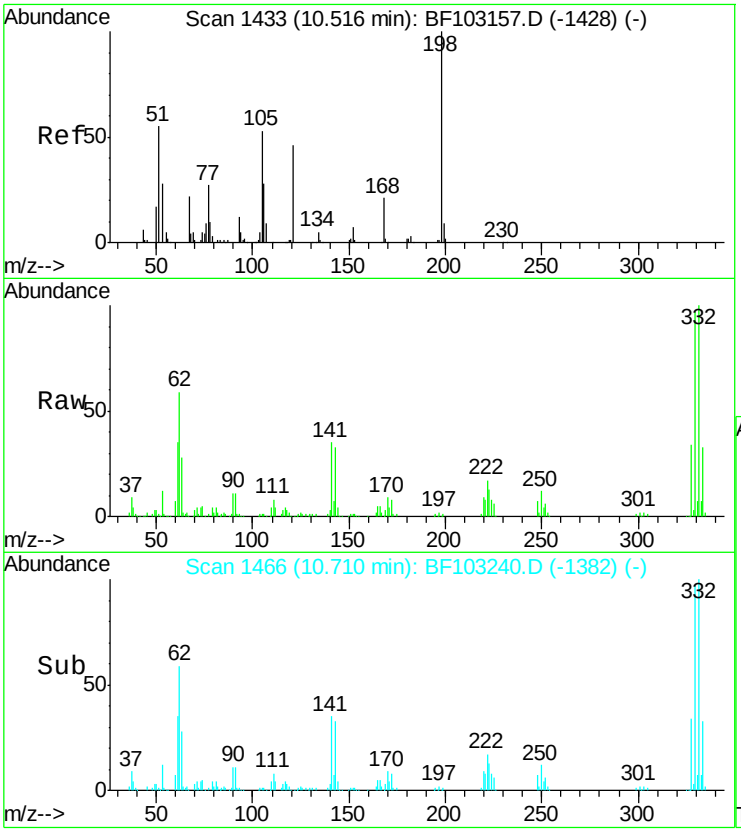


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Tgt Ion:188 Resp: 362176

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	13.4	9.2	13.8



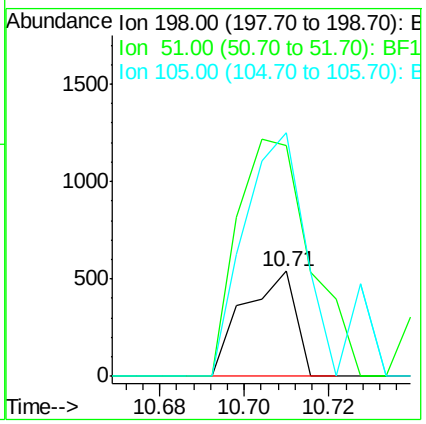


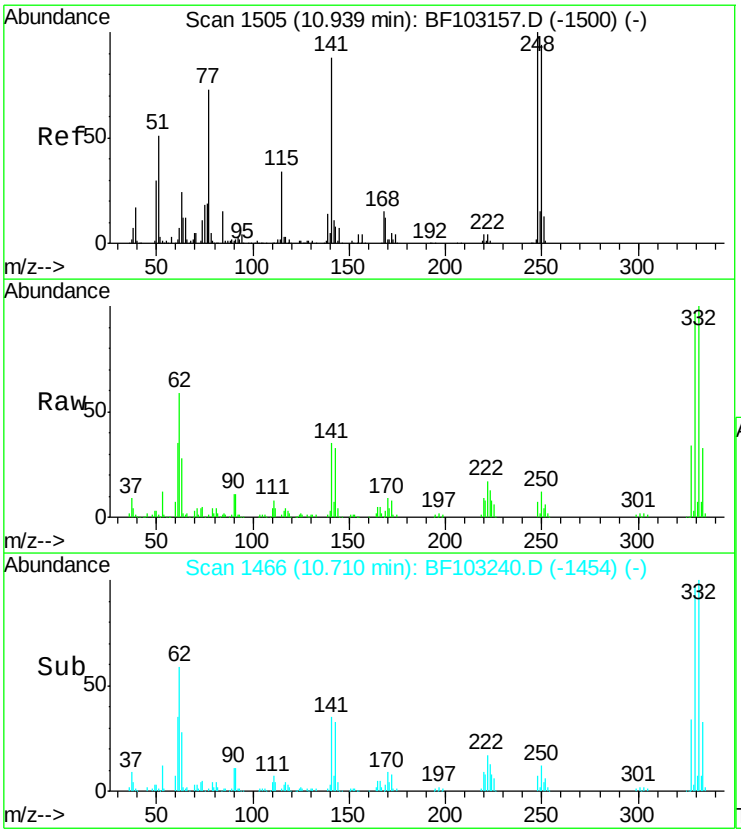
#64
4,6-Dinitro-2-methylphenol
Concen: 5.13 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 460

Ion	Ratio	Lower	Upper
198	100		
51	220.0	37.7	77.7#
105	231.5	36.3	76.3#

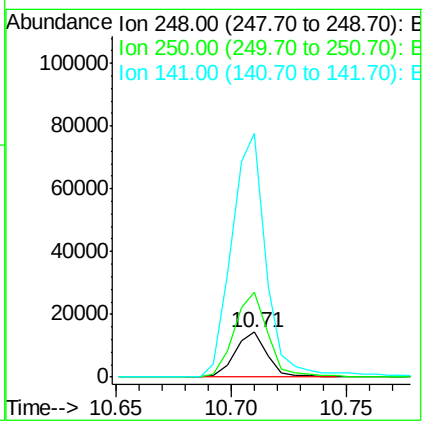


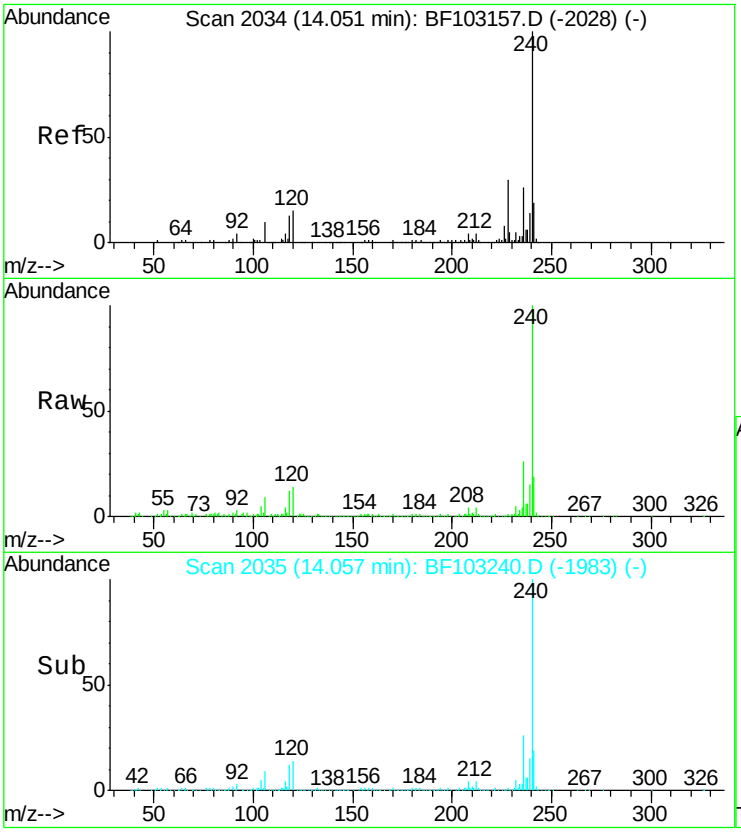


#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.23 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Tgt Ion:248 Resp: 14001

Ion	Ratio	Lower	Upper
248	100		
250	189.0	76.9	115.3#
141	540.8	74.4	111.6#



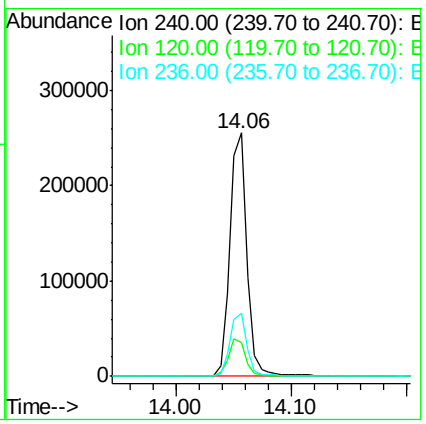


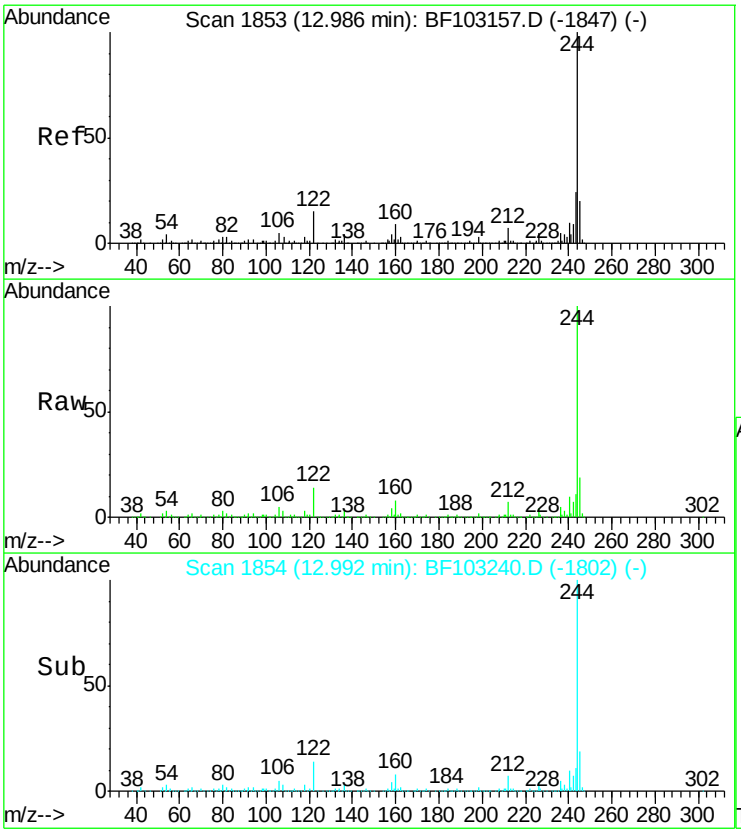
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 259311

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.1	20.7	31.1

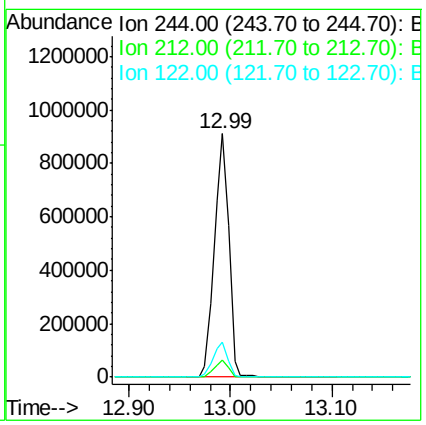


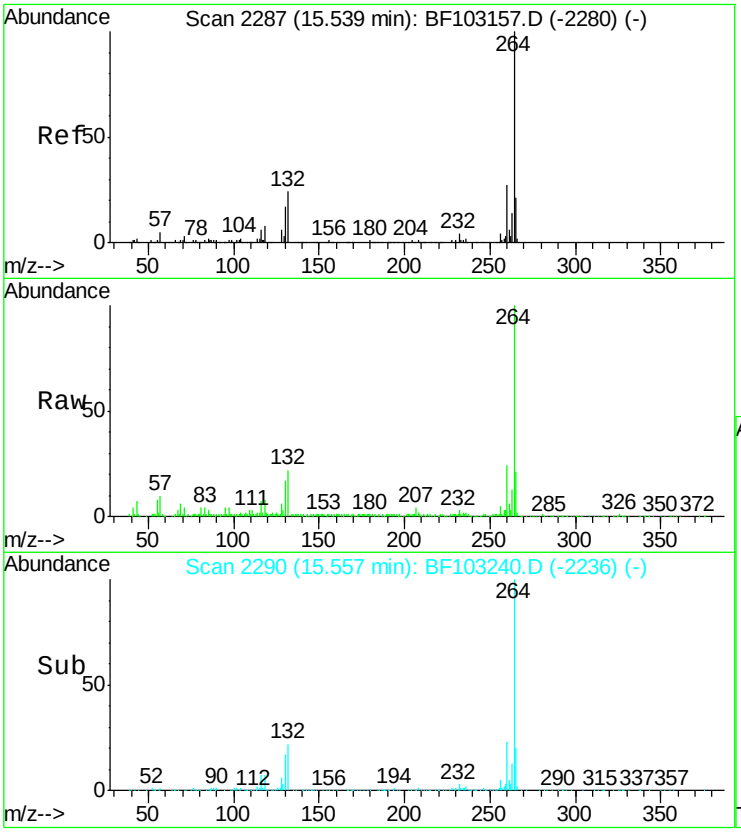


#78
Terphenyl-d14
Concen: 83.53 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Tgt Ion:244 Resp: 901049

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.3	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.02 min
Lab File: BF103240.D
Acq: 27 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 208979

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.6	17.5	26.3