Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103143.D
Acq On : 21 Feb 2018 18:18
Operator : SJ/JU
Sample : J1623-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 22 00:36:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	161054	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	664569	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	272595	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	386183	20.00	ng		0.00
75) Chrysene-d12	14.05	240	284419	20.00	ng		0.00
86) Perylene-d12	15.54	264	217926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1282090	120.90	ng		0.01
7) Phenol-d6	6.52	99	1523222	119.29	ng		0.00
23) Nitrobenzene-d5	7.45	82	980679	102.37	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	250617	114.22	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1373342	83.60	ng		0.00
78) Terphenyl-d14	12.99	244	924368	76.95	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	126795	15.061	ng	#	81
25) Isophorone	7.45	82	980673	44.456	ng	#	64
47) 2-Nitroaniline	9.62	65	756	3.598	ng	#	1
49) Dimethylphthalate	9.63	163	76759	3.611	ng		99
50) 2,6-Dinitrotoluene	9.92	165	33892	8.381	ng	#	26
56) 2,4-Dinitrotoluene	9.92	165	33892	8.924	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.70	198	536	9.101	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	16658	4.078	ng	#	1

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

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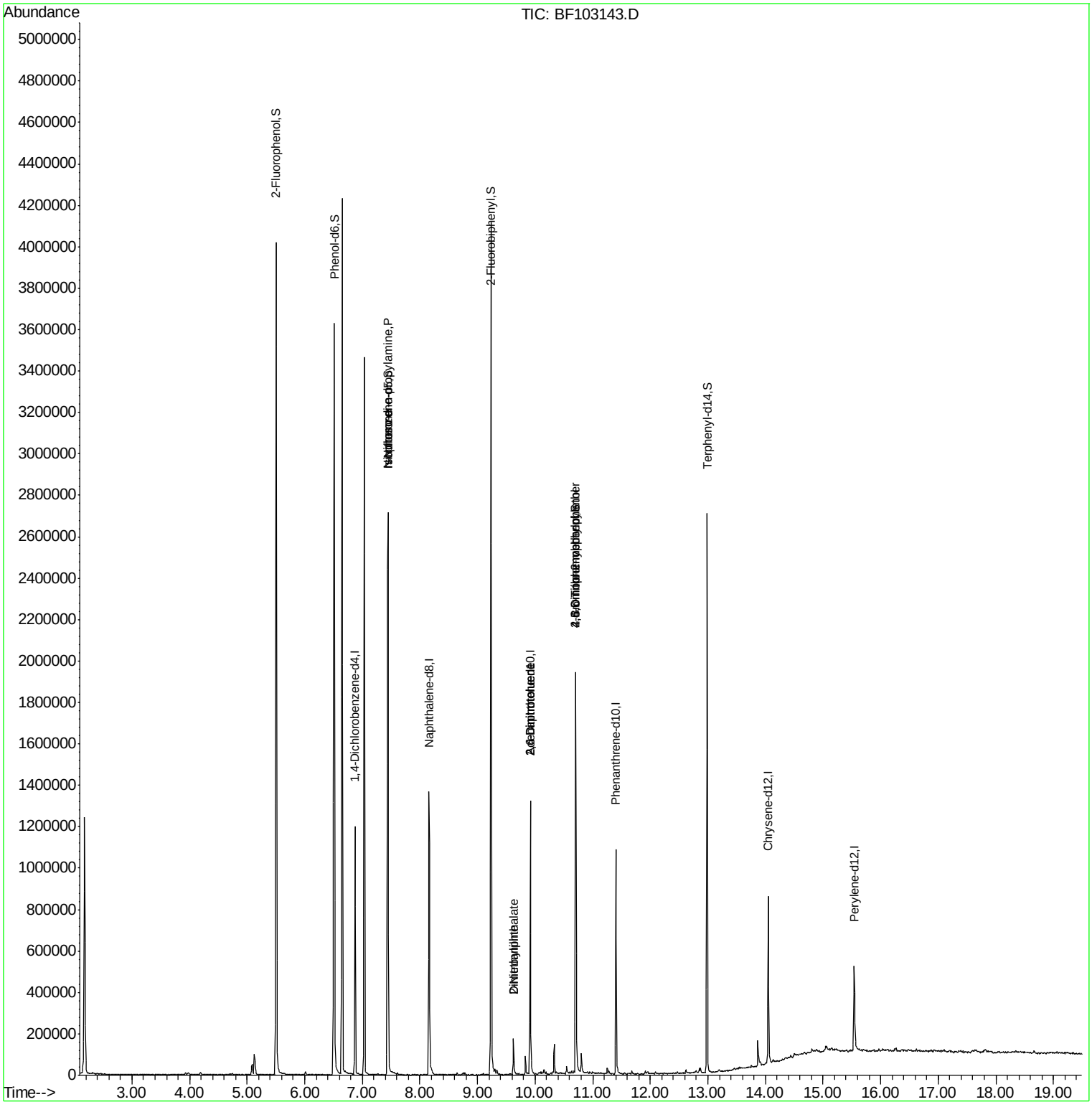
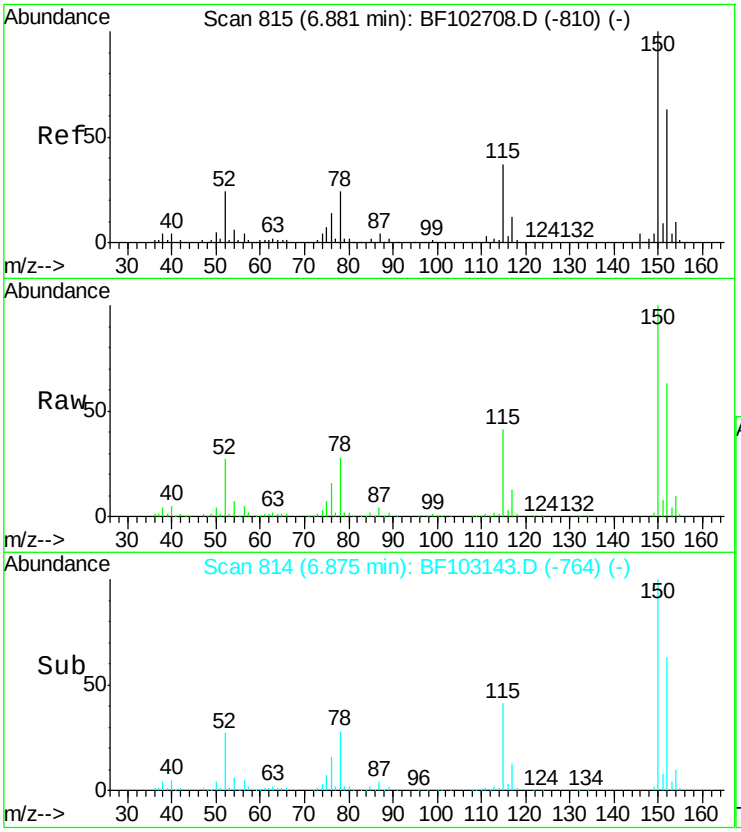


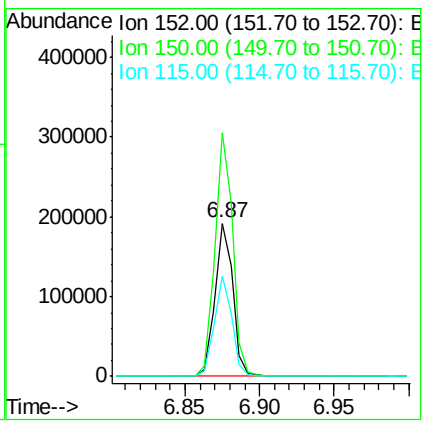


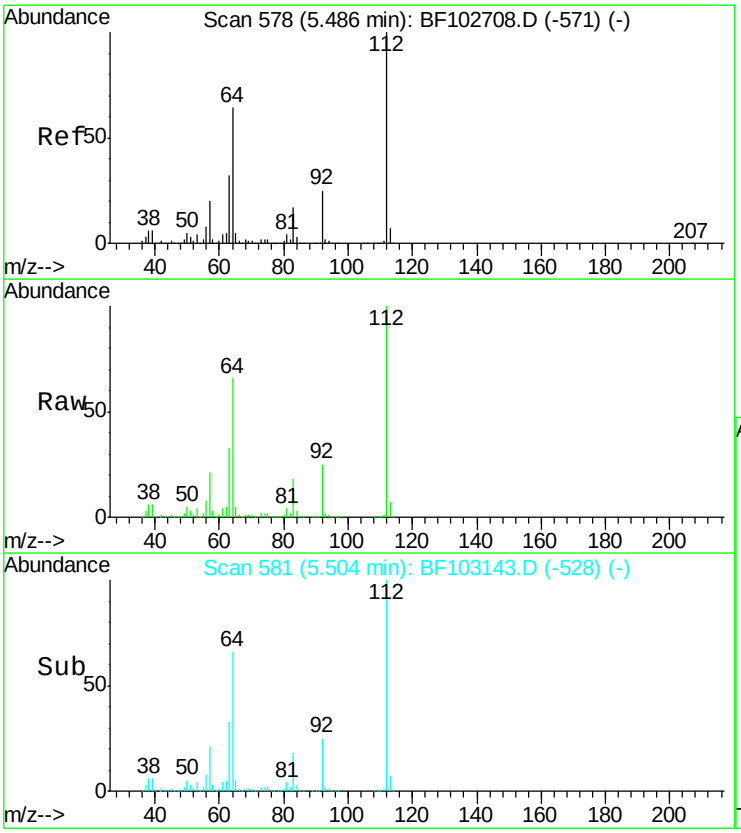
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 161054

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	65.2	50.1	75.1

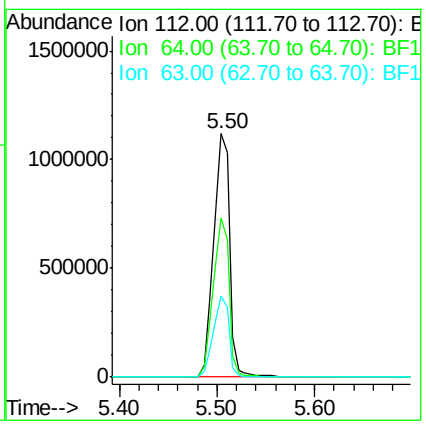


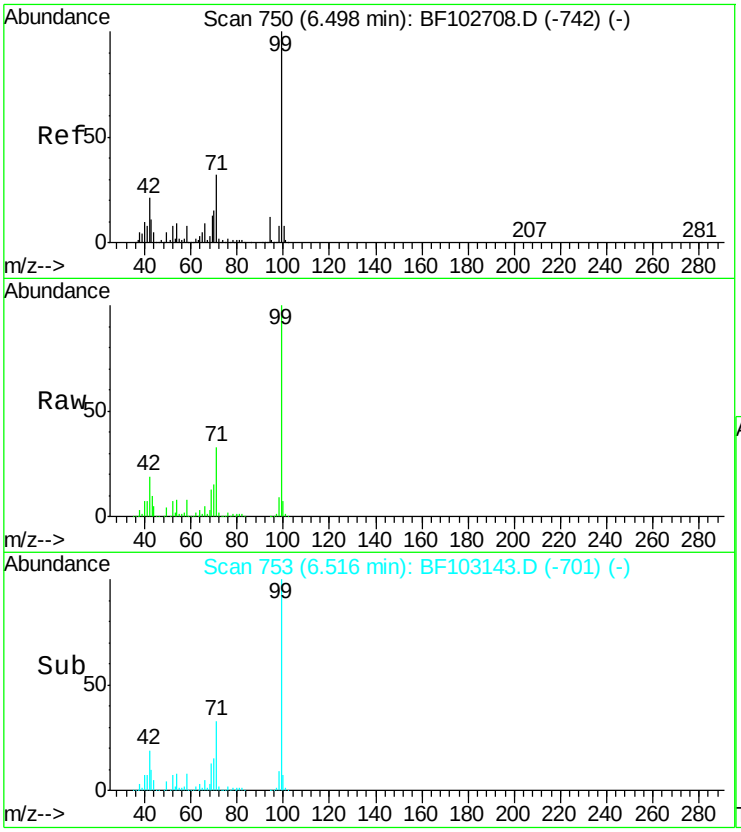


#5
2-Fluorophenol
Concen: 120.895 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Tgt Ion:112 Resp: 1282090

Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	33.1	23.7	35.5



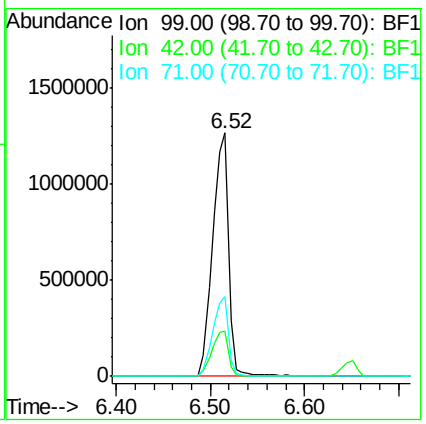


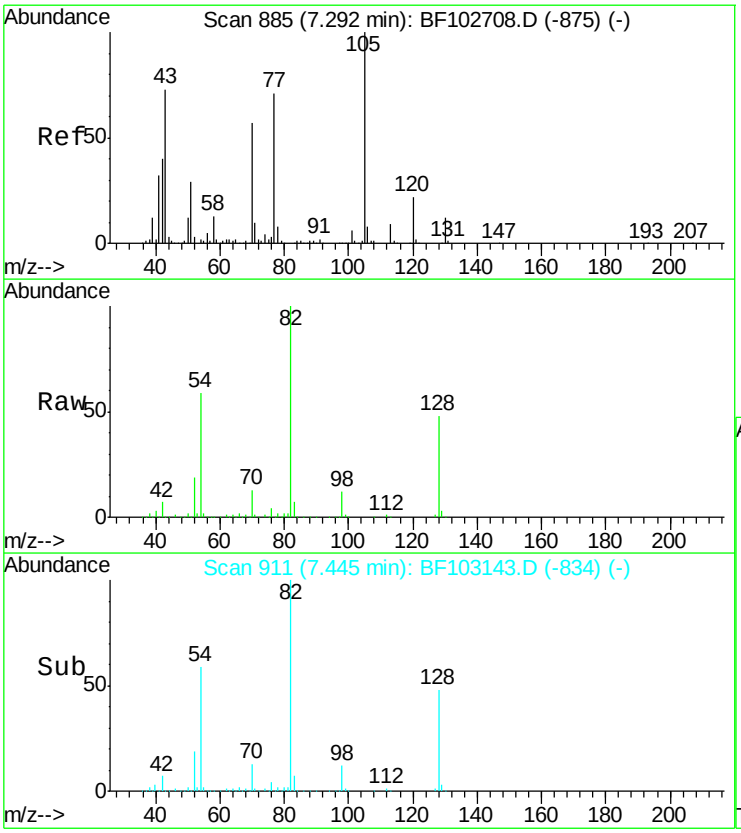
#7
Phenol-d6
Concen: 119.290 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1523222

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	32.7	25.4	38.0

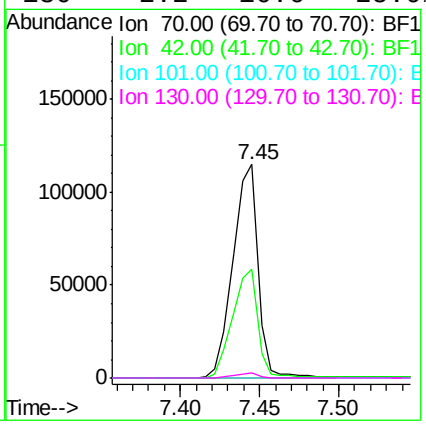


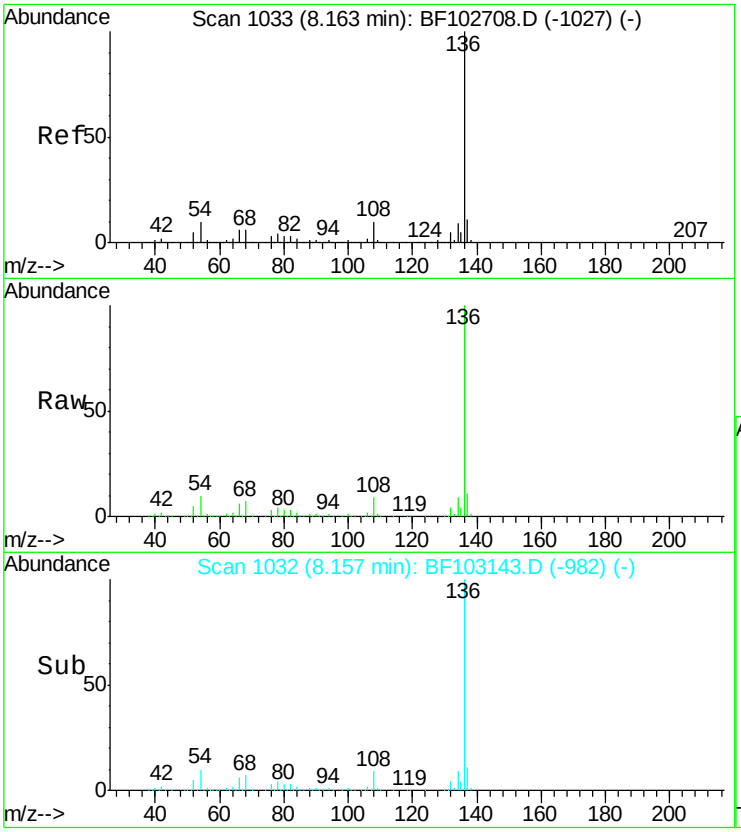


#19
n-Nitroso-di-n-propylamine
Concen: 15.061 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Tgt Ion: 70 Resp: 126795

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



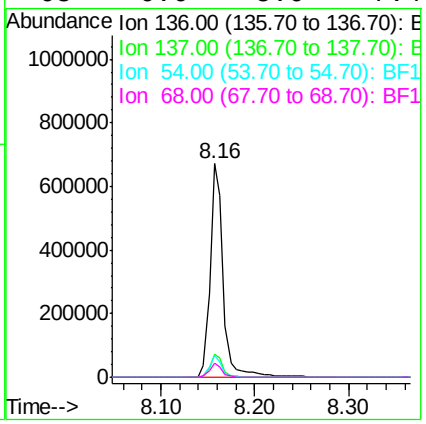


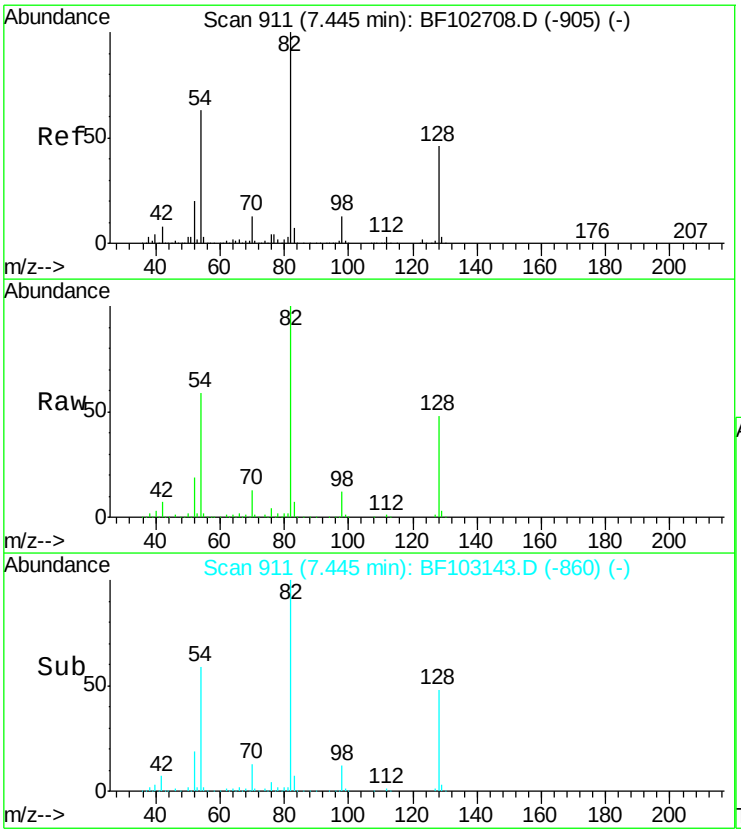
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 664569

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.9	6.6	9.8#
68	6.6	5.0	7.4

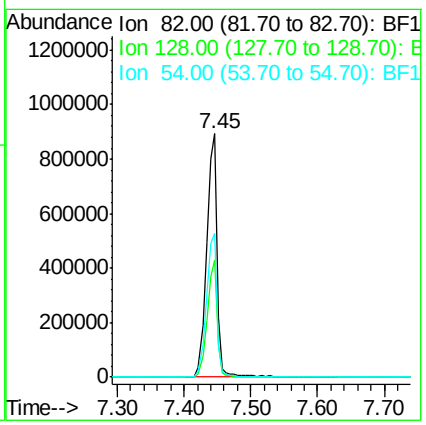


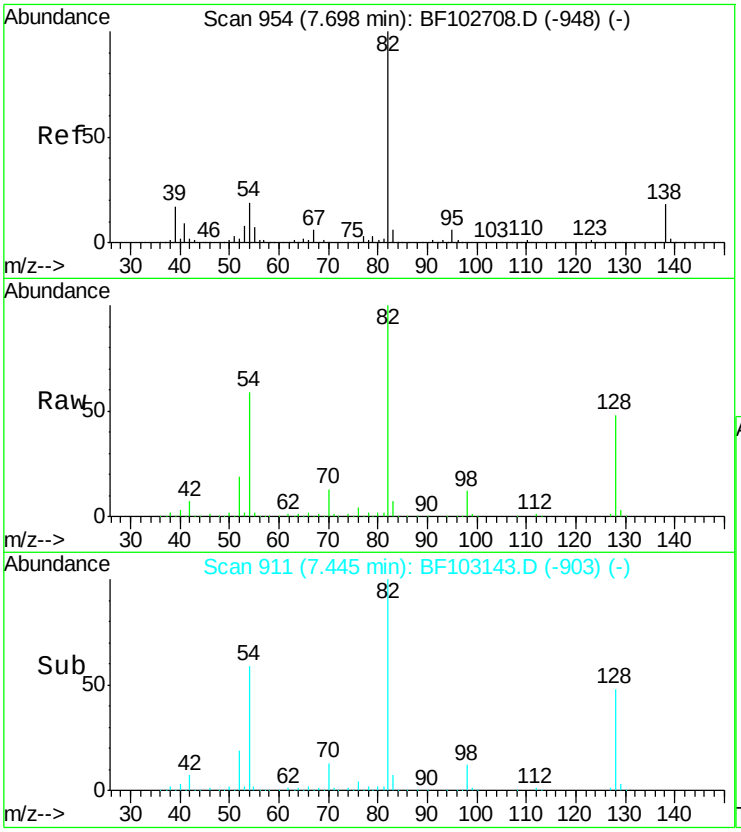


#23
Nitrobenzene-d5
Concen: 102.368 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Tgt Ion: 82 Resp: 980679

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	58.9	41.4	62.2



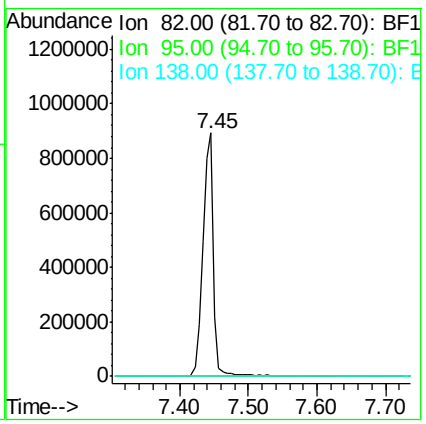


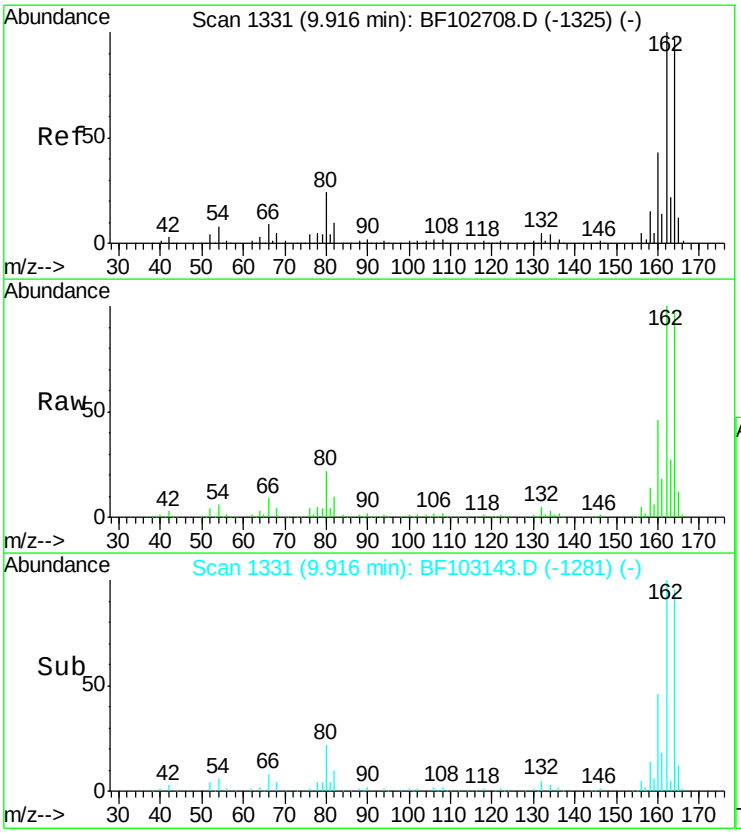
#25
Isophorone
Concen: 44.456 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 980673

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

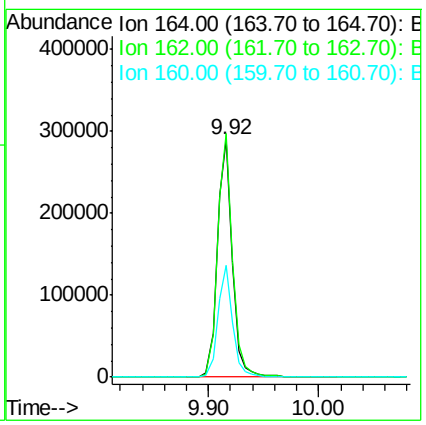


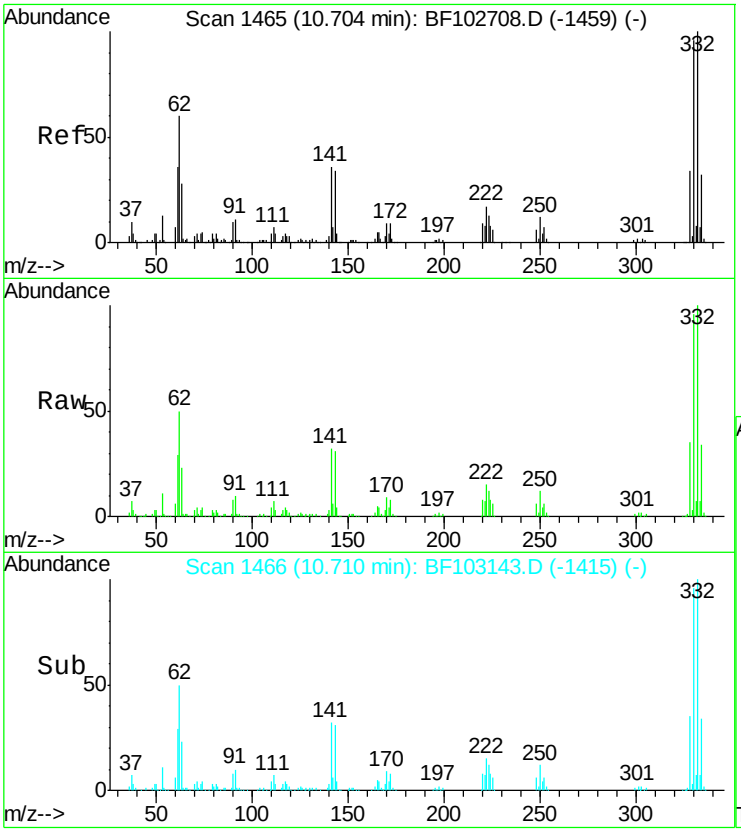


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Tgt Ion:164 Resp: 272595

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.9	38.3	57.5



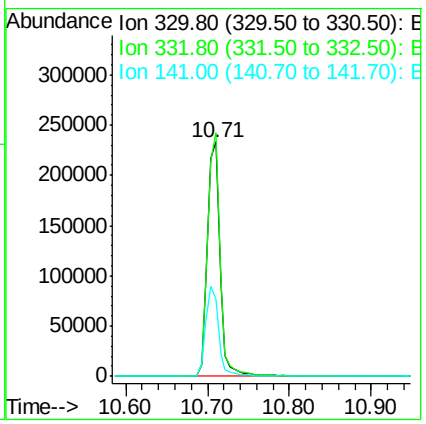


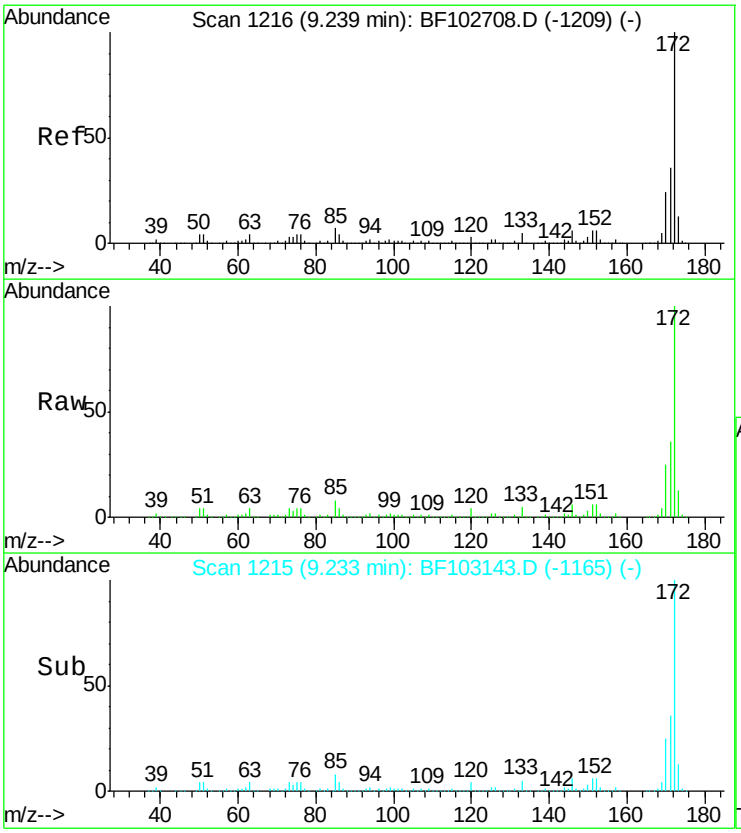
#41
2,4,6-Tribromophenol
Concen: 114.225 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 250617

Ion	Ratio	Lower	Upper
330	100		
332	101.0	77.0	115.6
141	39.0	29.9	44.9

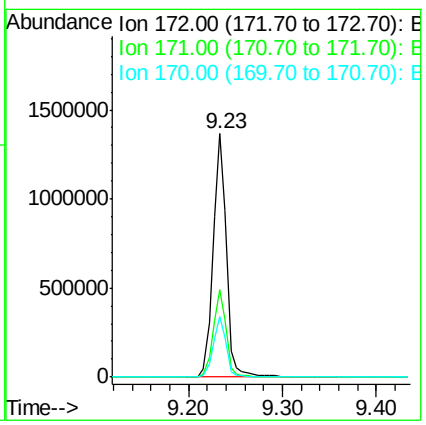


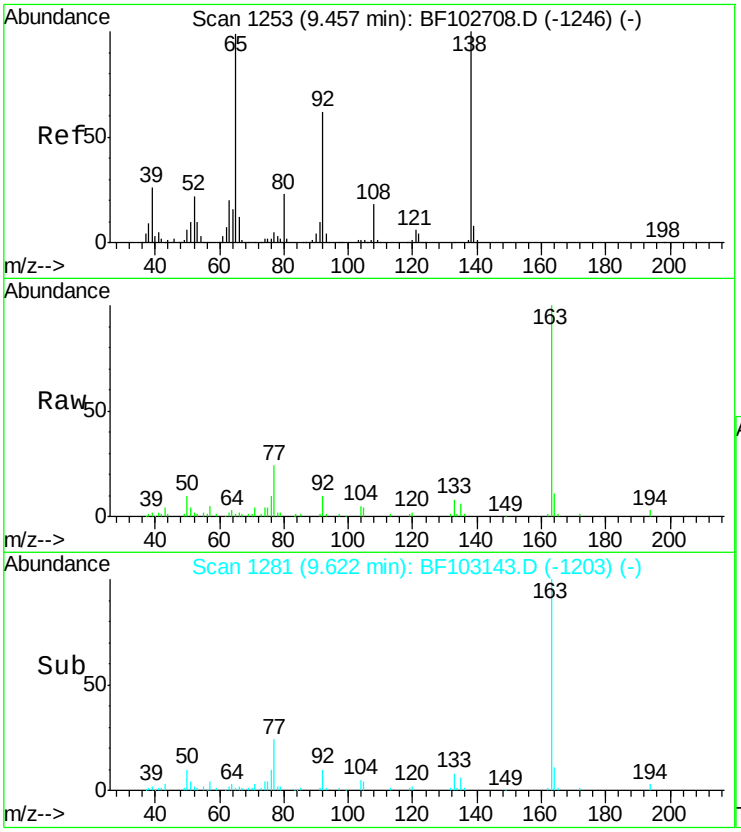


#44
2-Fluorobiphenyl
Concen: 83.599 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Tgt Ion:172 Resp: 1373342

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.6	19.6	29.4



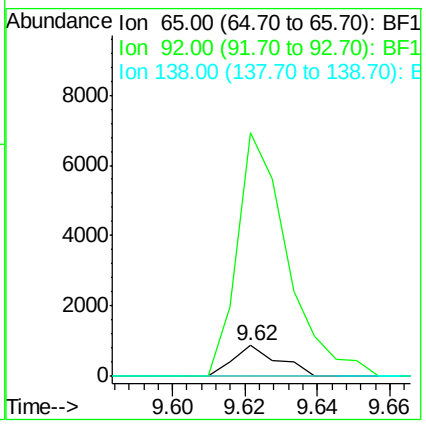


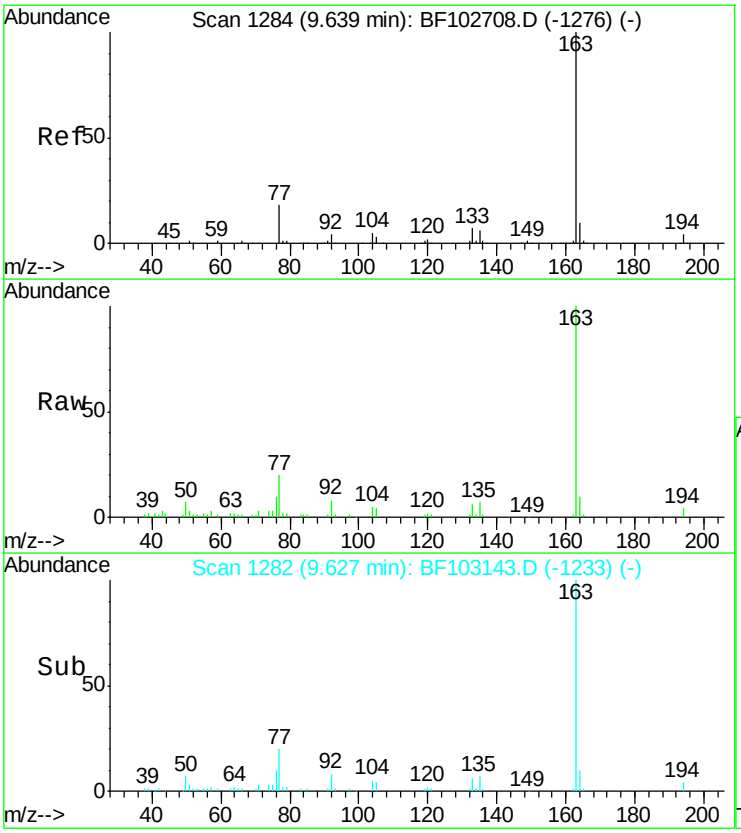
#47
2-Nitroaniline
Concen: 3.598 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 756

Ion	Ratio	Lower	Upper
65	100		
92	787.7	55.8	83.6#
138	0.0	91.2	136.8#

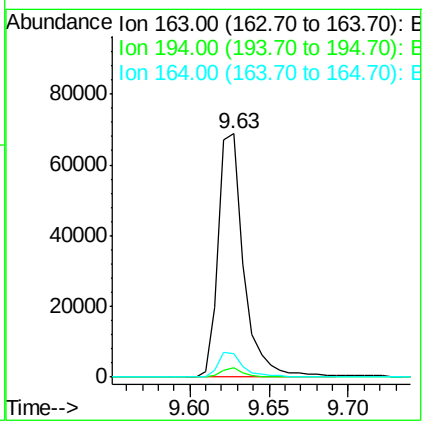


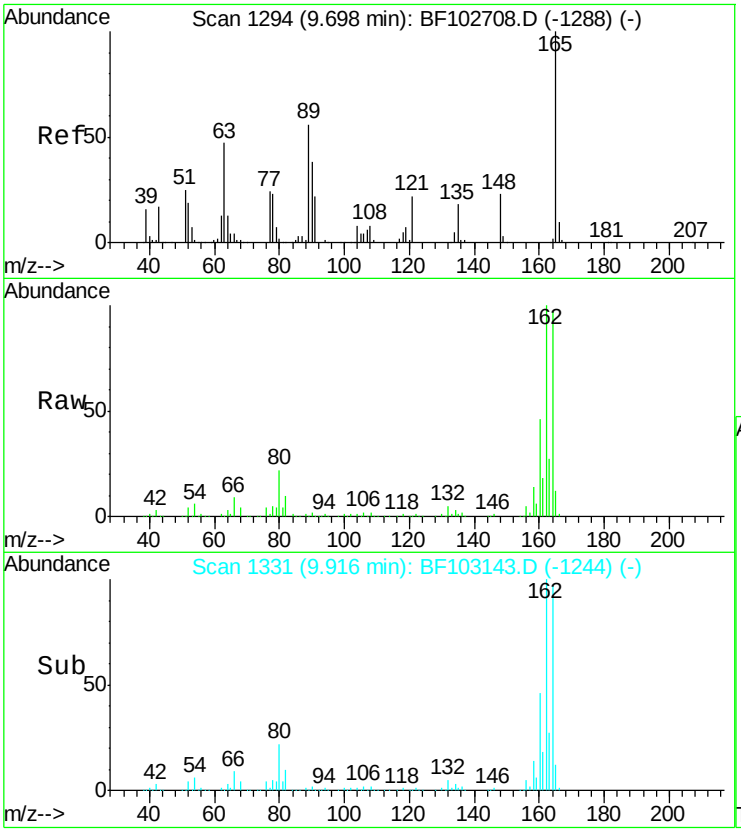


#49
Dimethylphthalate
Concen: 3.611 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Tgt Ion:163 Resp: 76759

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.8	8.2	12.2



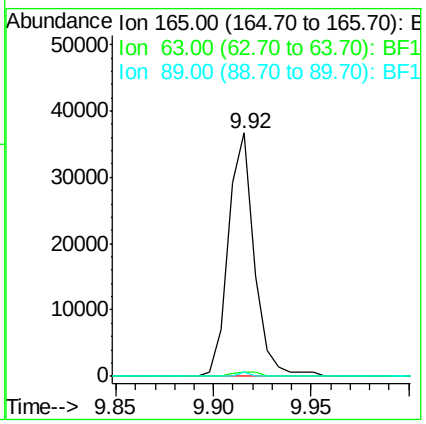


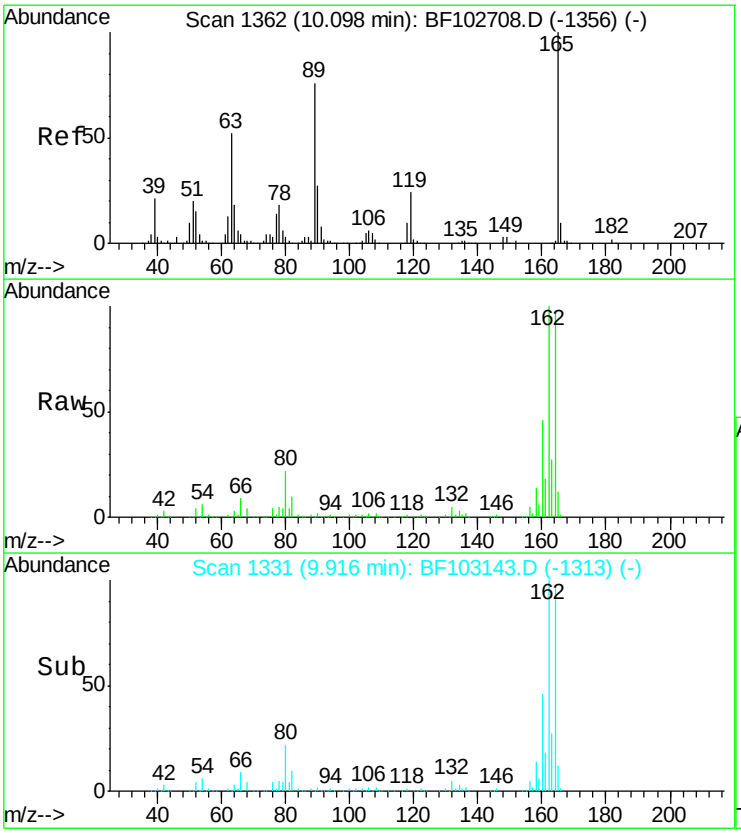
#50
2,6-Dinitrotoluene
Concen: 8.381 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33892

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.6	44.0	66.0#

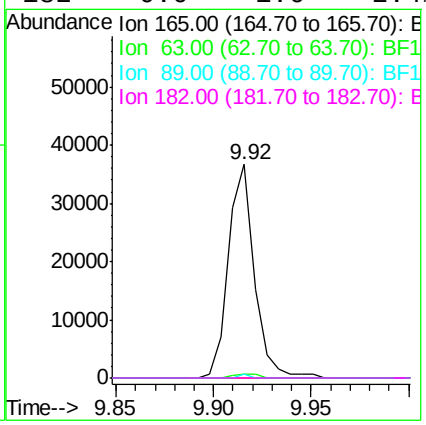


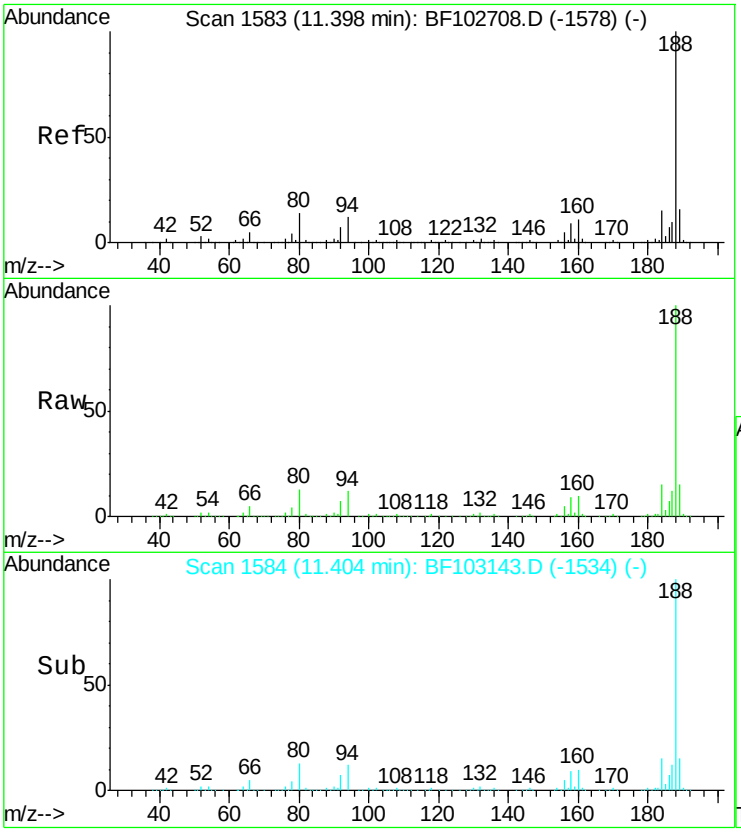


#56
2,4-Dinitrotoluene
Concen: 8.924 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Tgt Ion:165 Resp: 33892

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



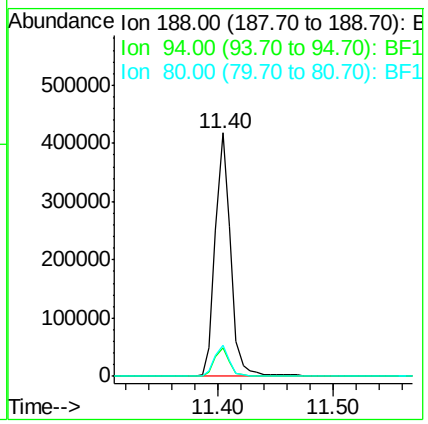


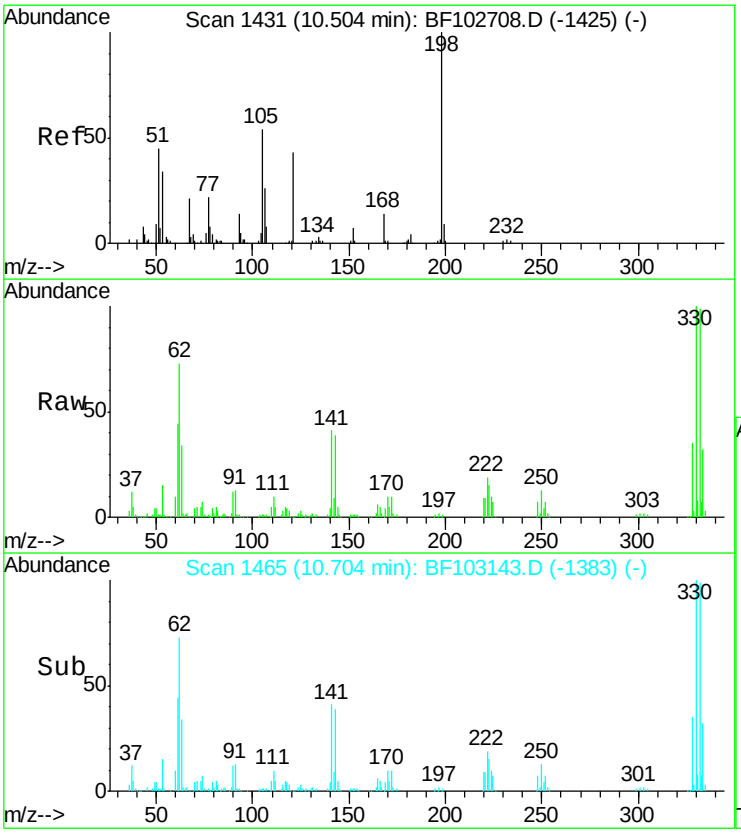
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 386183

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.9	9.2	13.8

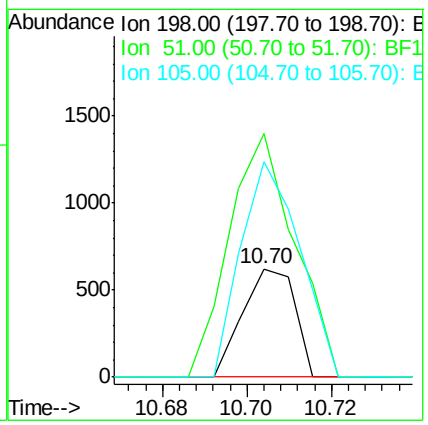


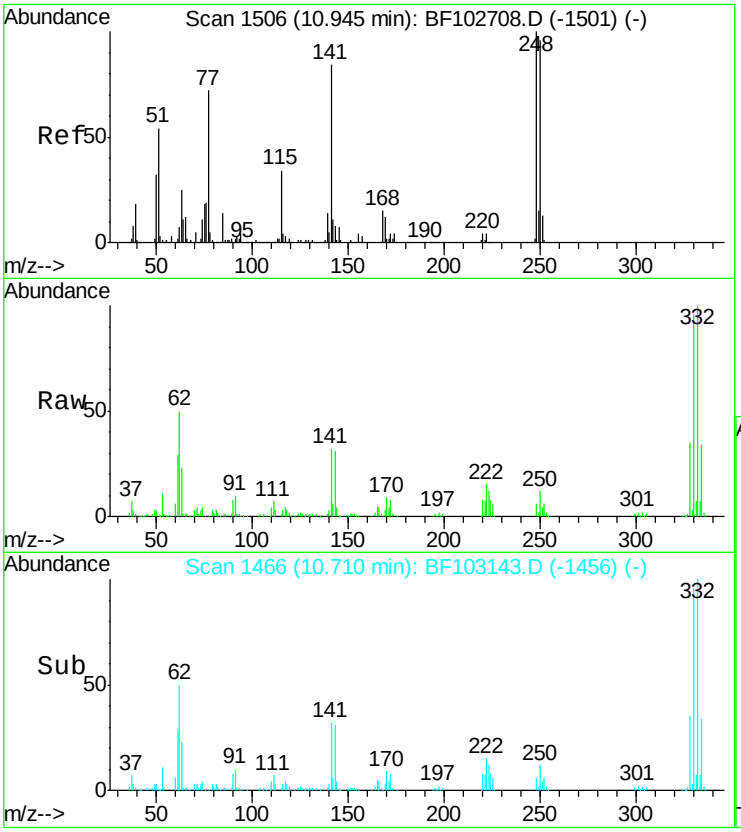


#64
4,6-Dinitro-2-methylphenol
Concen: 9.101 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Tgt Ion:198 Resp: 536

Ion	Ratio	Lower	Upper
198	100		
51	224.6	37.7	77.7#
105	199.0	36.3	76.3#



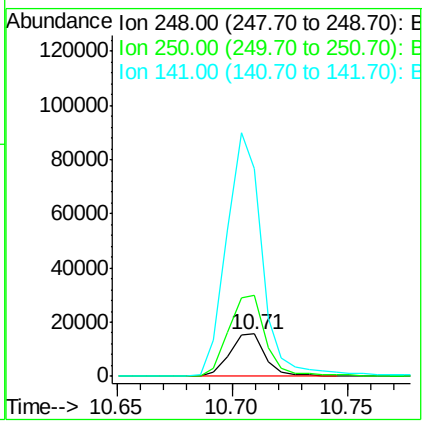


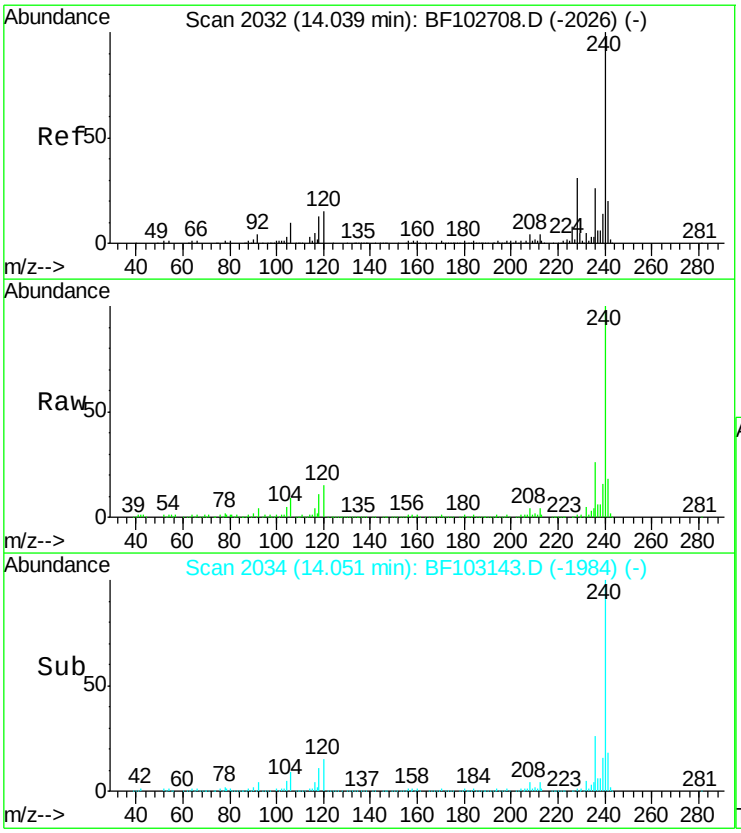
#66
4-Bromophenyl-phenylether
Concen: 4.078 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16658

Ion	Ratio	Lower	Upper
248	100		
250	192.4	76.9	115.3#
141	493.6	74.4	111.6#

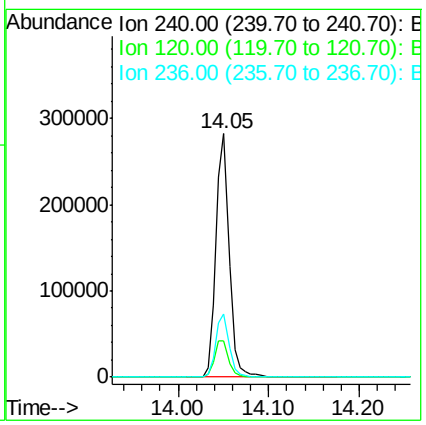


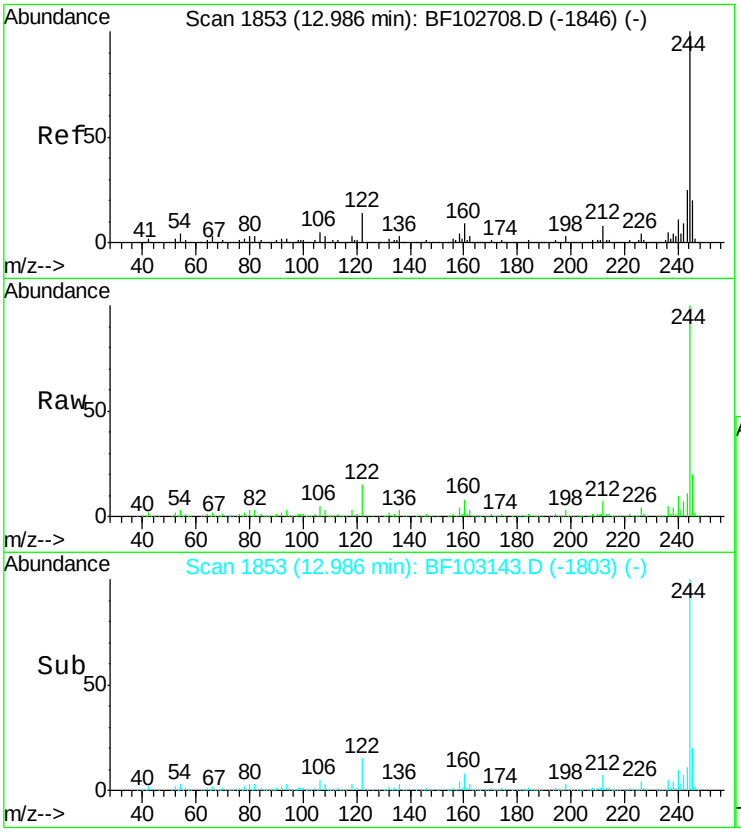


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Tgt Ion:240 Resp: 284419

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	26.0	20.7	31.1



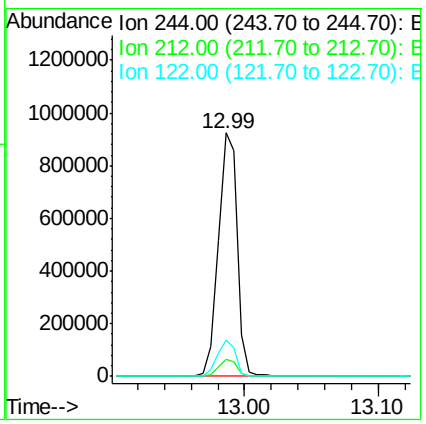


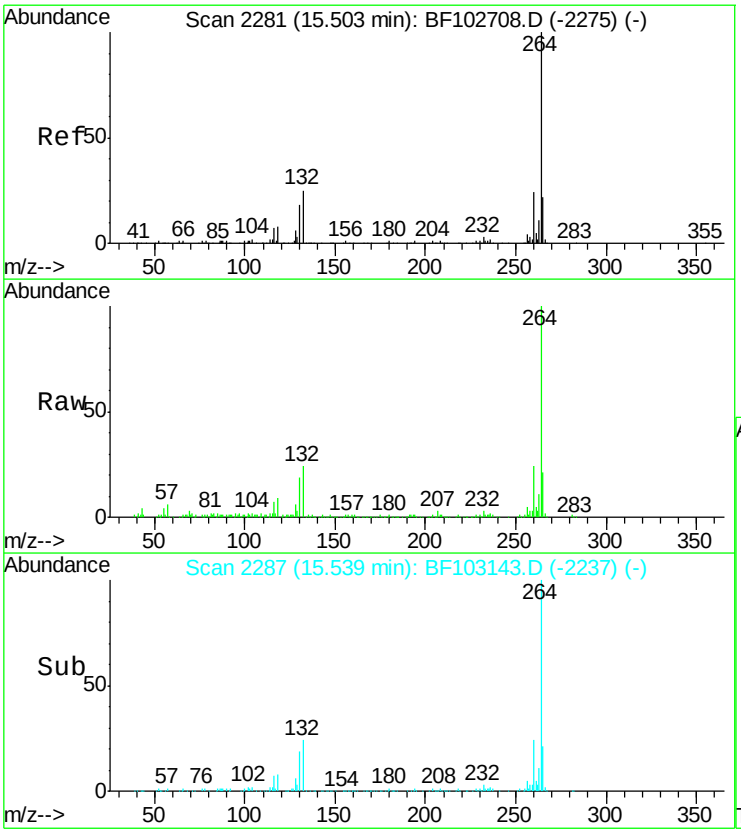
#78
Terphenyl-d14
Concen: 76.953 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 924368

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103143.D
Acq: 21 Feb 2018 18:18

Tgt Ion:264 Resp: 217926

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.8	17.5	26.3