Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103904.D
Acq On : 24 Mar 2018 2:40
Operator : JU/SJ
Sample : J2014-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 24 03:14:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	128468	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	499511	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	206184	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	318424	20.00	ng	0.00
75) Chrysene-d12	14.16	240	247708	20.00	ng	0.00
86) Perylene-d12	15.71	264	186697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	354101	41.92	ng	0.00
7) Phenol-d6	6.59	99	292182	28.28	ng	-0.01
23) Nitrobenzene-d5	7.54	82	733385	102.39	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	169503	95.61	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1301624	100.70	ng	0.00
78) Terphenyl-d14	13.10	244	999987	93.70	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	95449	14.413	ng	# 72
25) Isophorone	7.54	82	733379	44.228	ng	# 64
47) 2-Nitroaniline	9.72	65	110	6.841	ng	# 1
50) 2,6-Dinitrotoluene	10.02	165	26549	11.984	ng	# 25
55) 4-Nitrophenol	10.22	139	4064	6.293	ng	# 9
56) 2,4-Dinitrotoluene	10.02	165	26549	12.209	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	287	8.386	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	10518	3.217	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103904.D
Acq On : 24 Mar 2018 2:40
Operator : JU/SJ
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ALS Vial : 37 Sample Multiplier: 1

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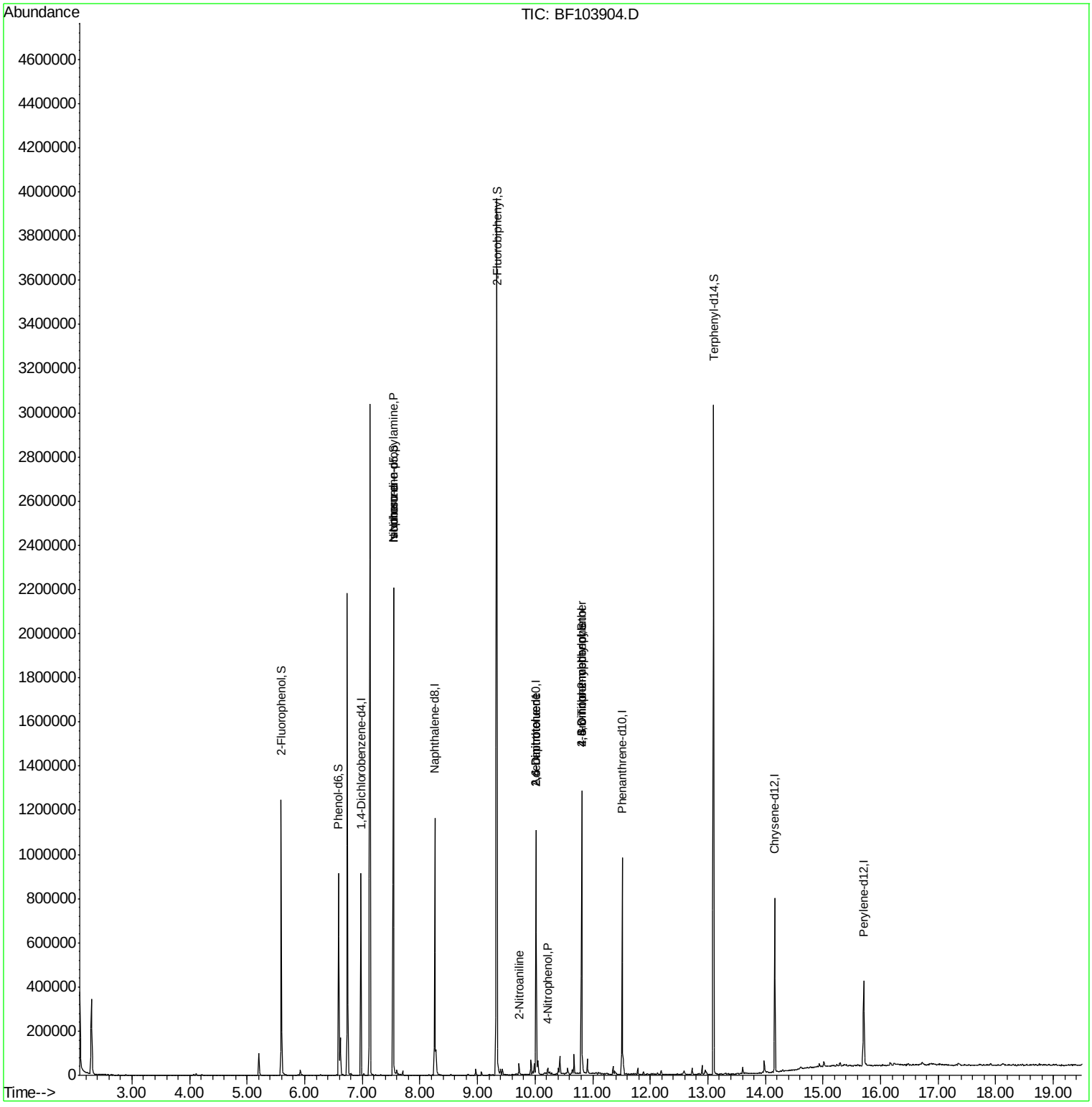
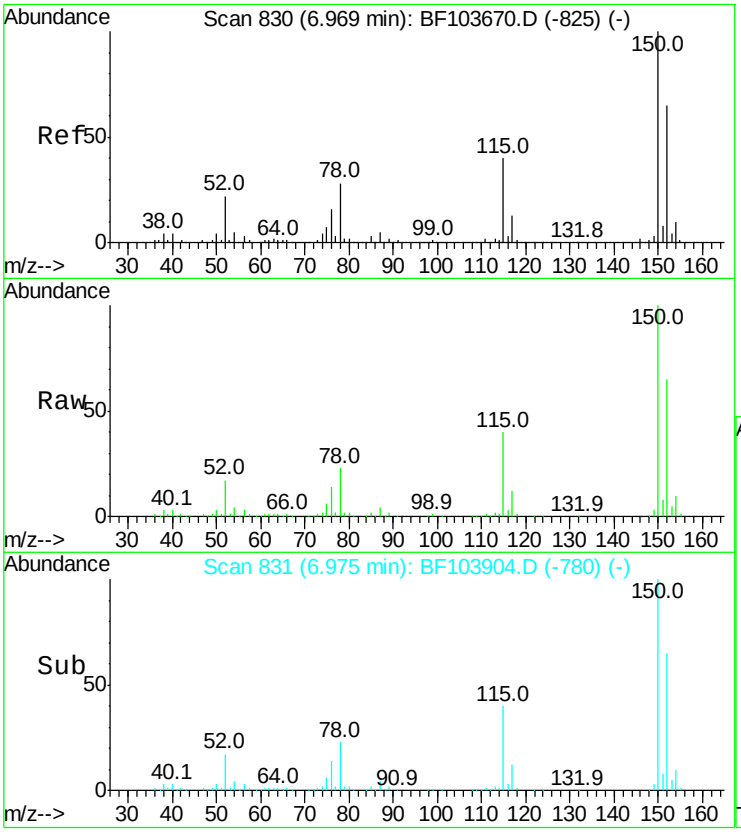


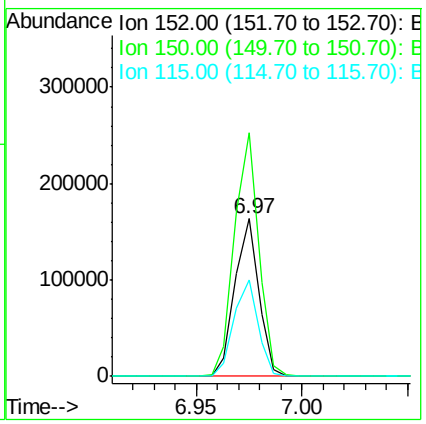


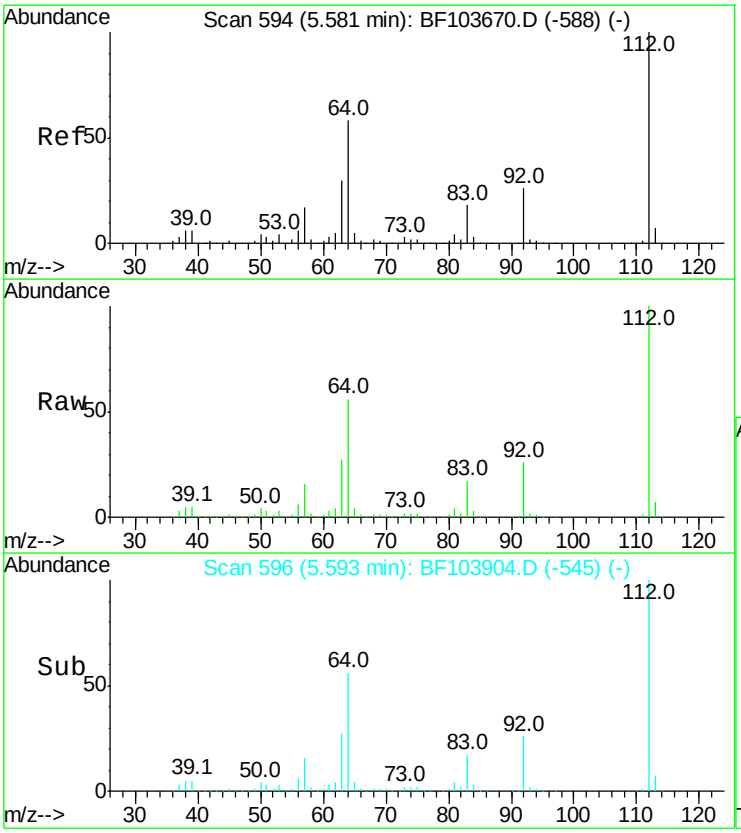
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128468

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	61.1	50.1	75.1

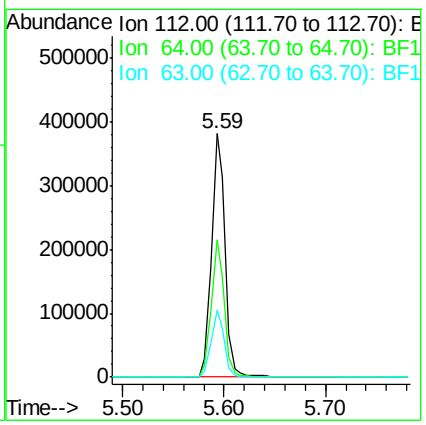


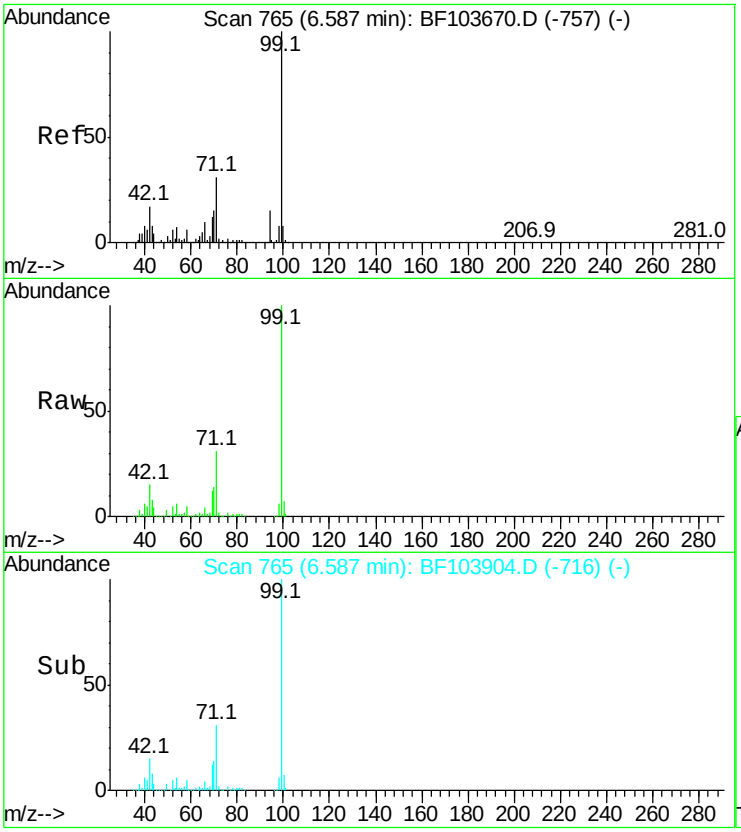


#5
2-Fluorophenol
Concen: 41.924 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion:112 Resp: 354101

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	27.4	23.7	35.5



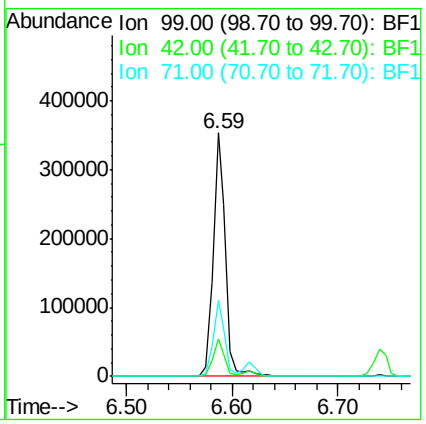


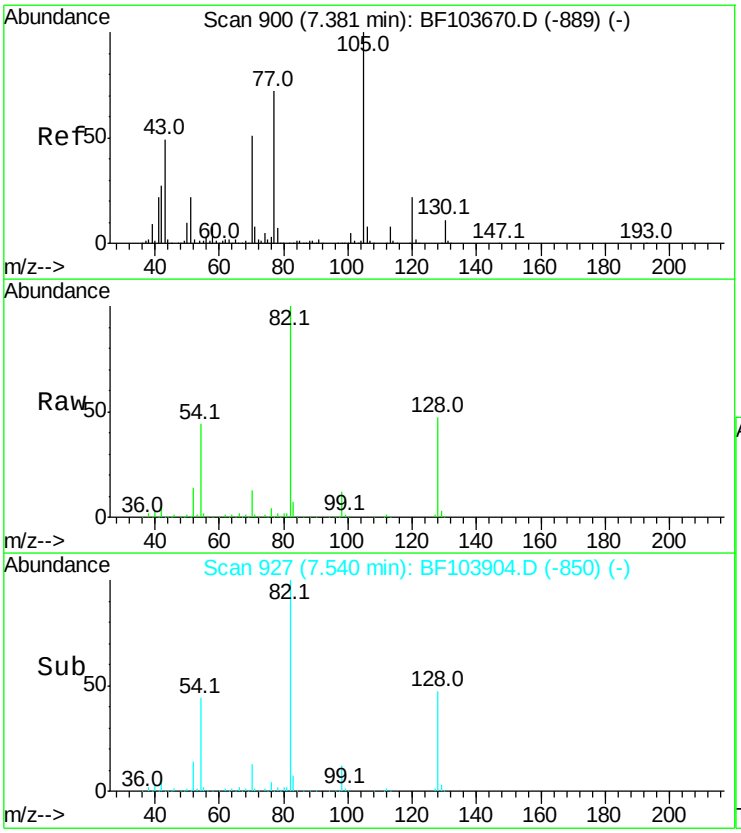
#7
Phenol-d6
Concen: 28.275 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 292182

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	31.3	25.4	38.0

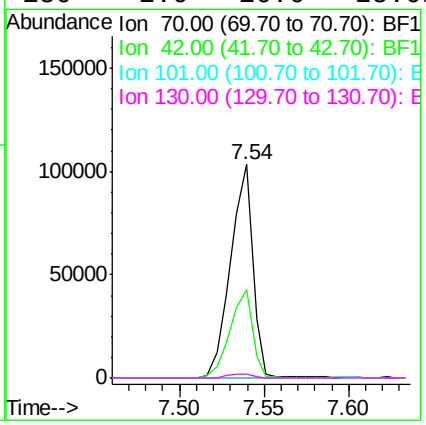


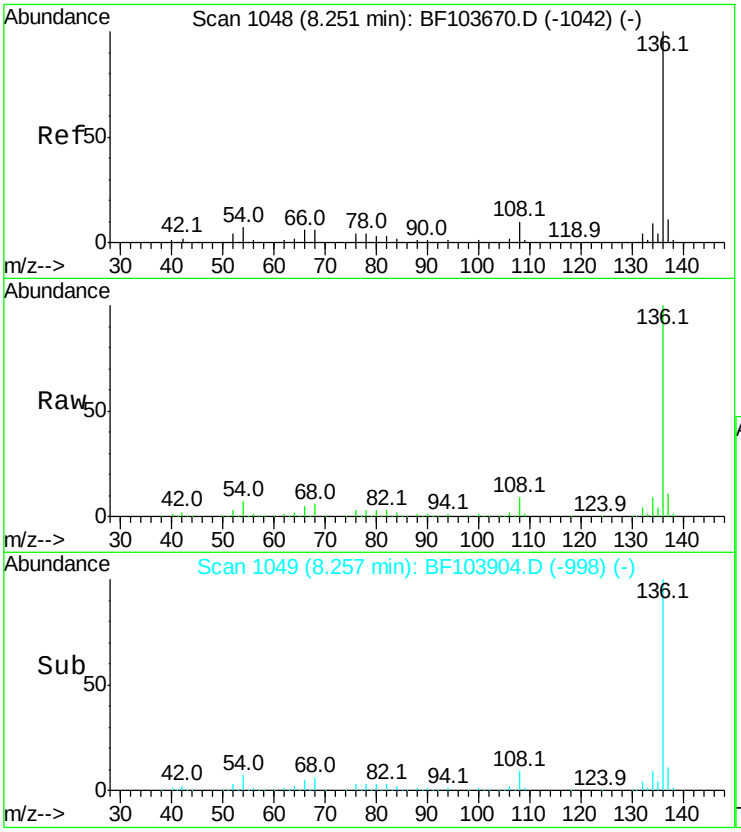


#19
n-Nitroso-di-n-propylamine
Concen: 14.413 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion: 70 Resp: 95449

Ion	Ratio	Lower	Upper
70	100		
42	41.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



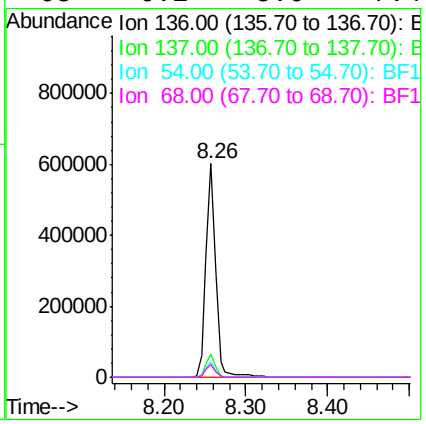


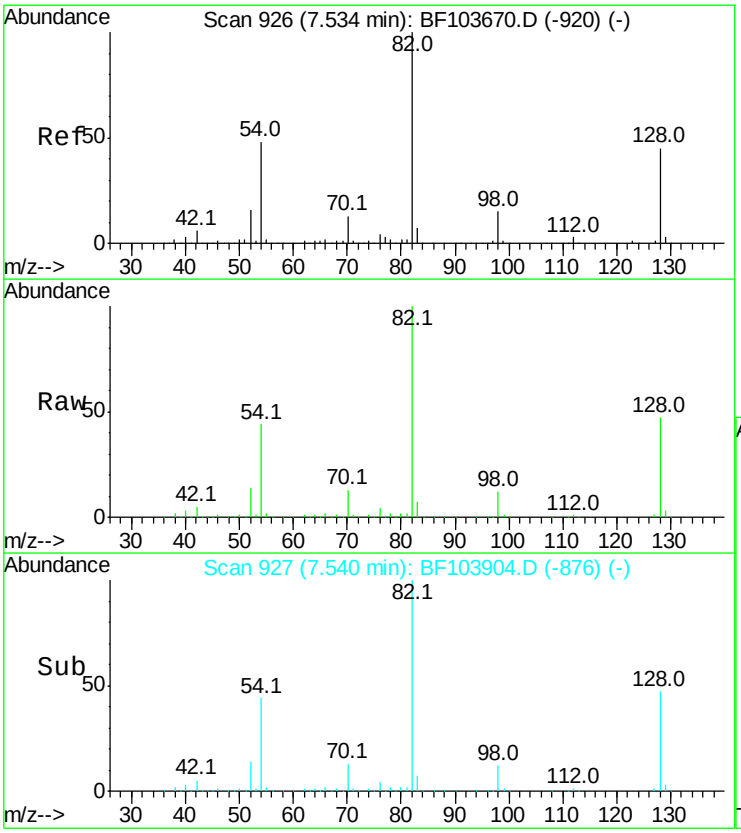
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 499511

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	6.6	9.8
68	6.2	5.0	7.4

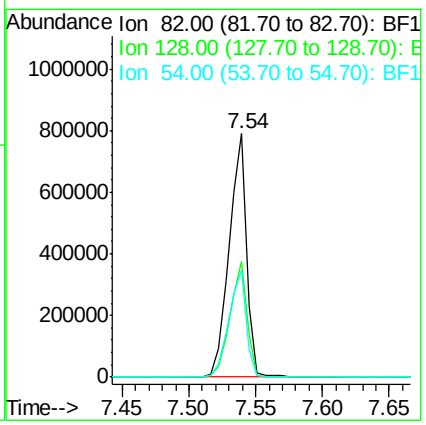


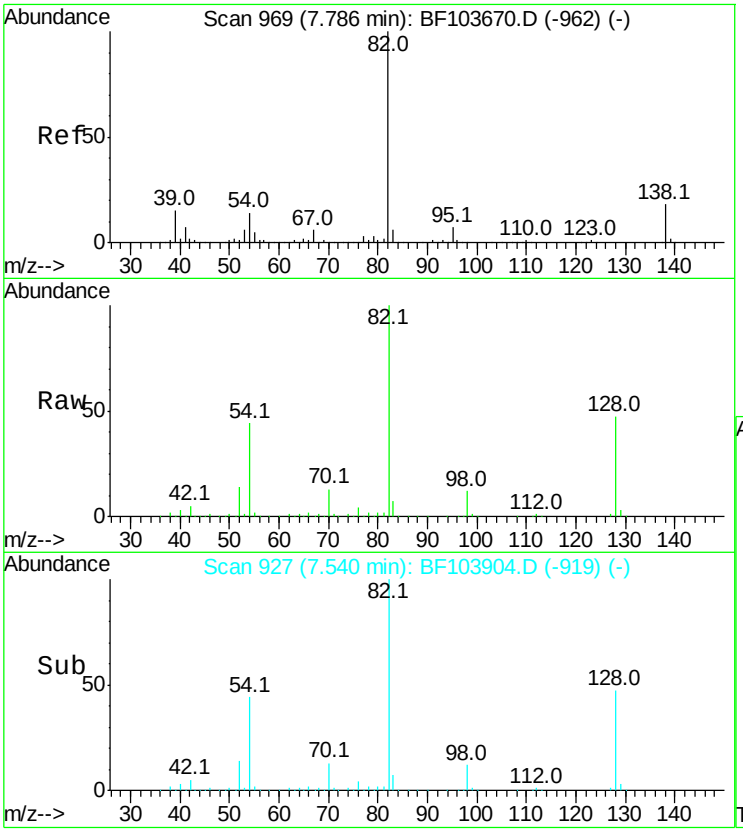


#23
Nitrobenzene-d5
Concen: 102.387 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion: 82 Resp: 733385

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	43.7	41.4	62.2



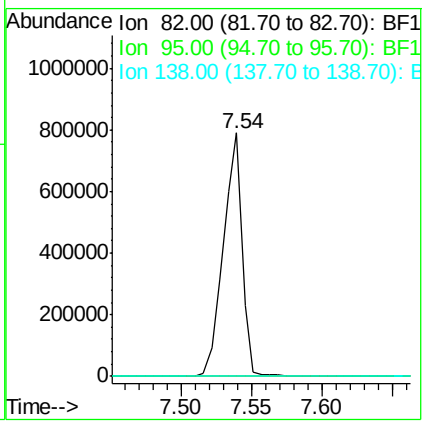


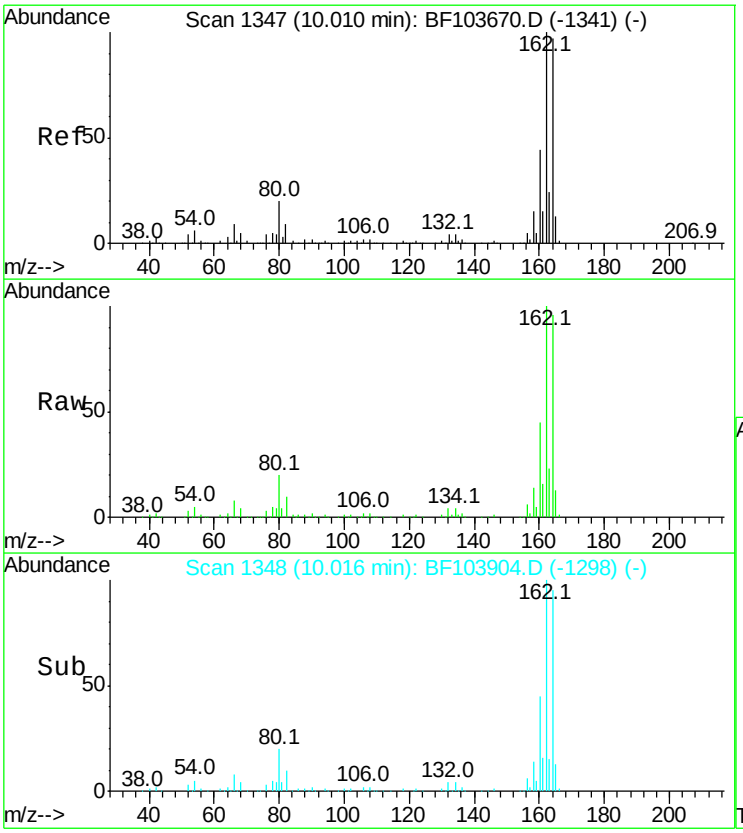
#25
Isophorone
Concen: 44.228 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 733379

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

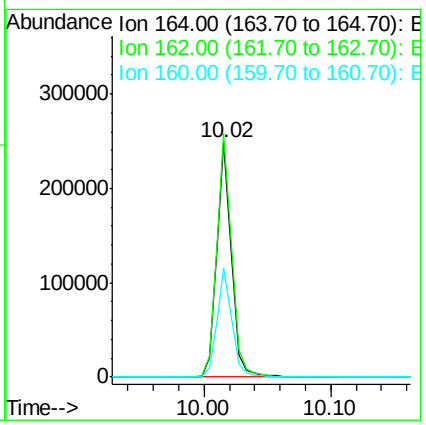


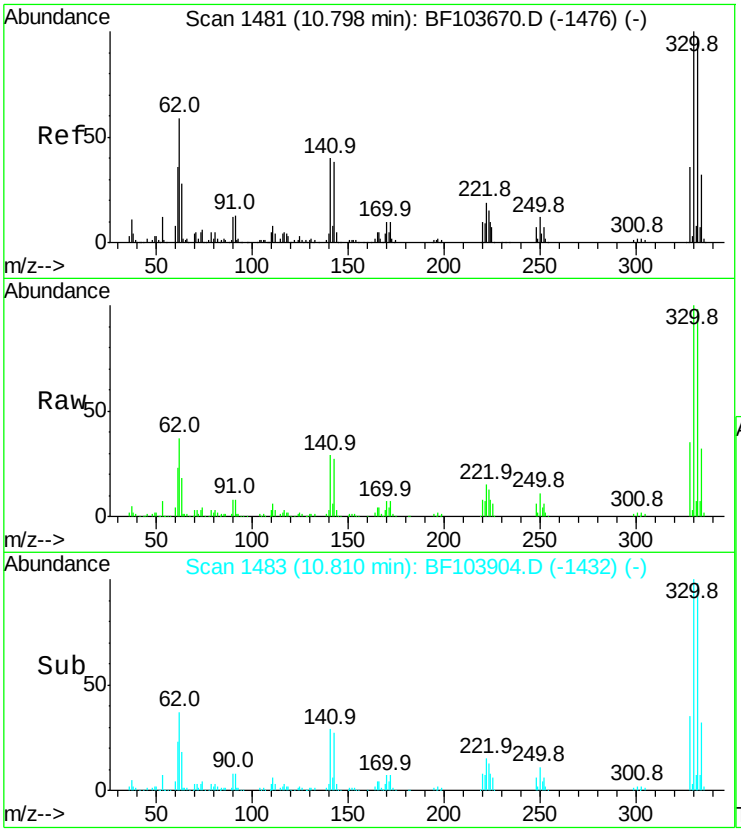


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion:164 Resp: 206184

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.4	38.3	57.5



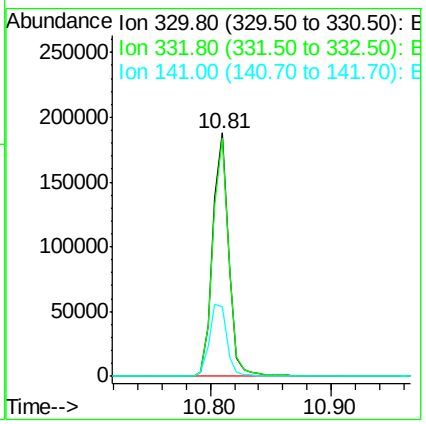


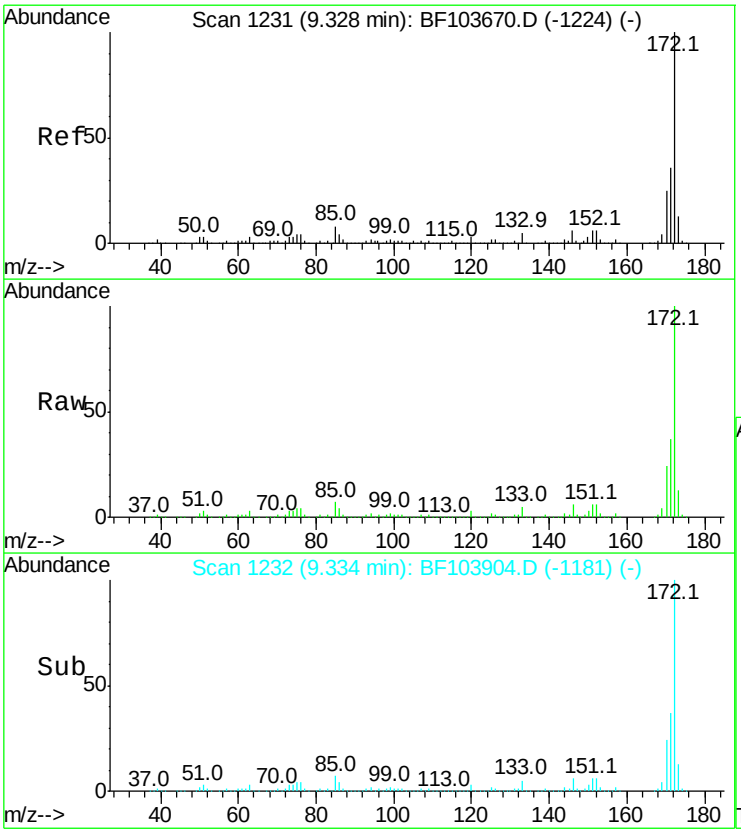
#41
2,4,6-Tribromophenol
Concen: 95.614 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 169503

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	33.2	29.9	44.9

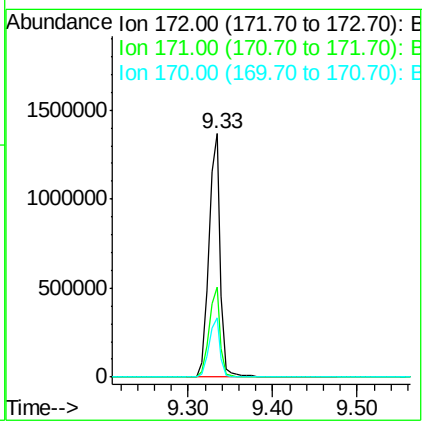


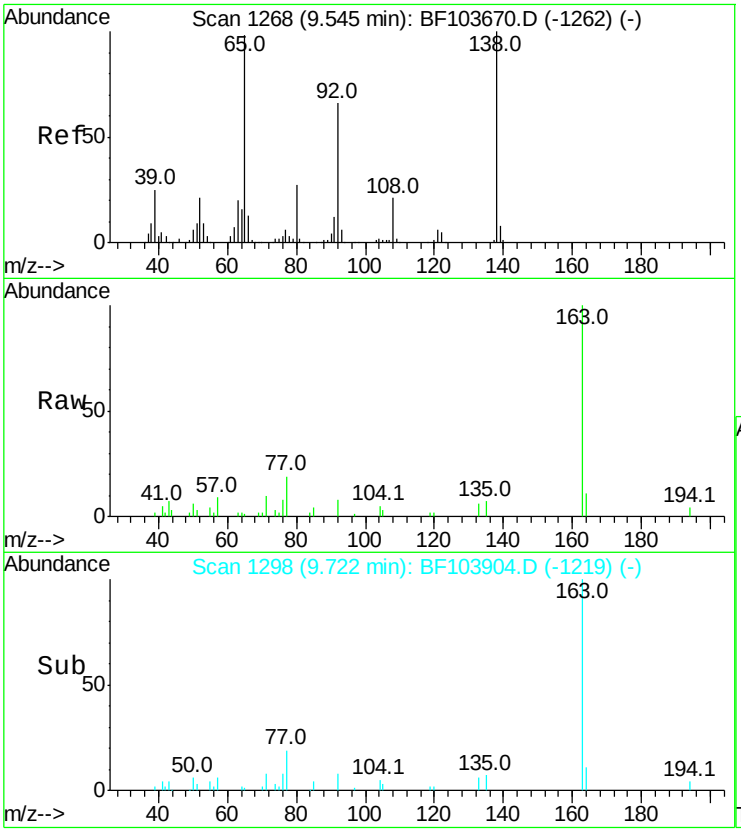


#44
2-Fluorobiphenyl
Concen: 100.701 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion:172 Resp: 1301624

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.4	19.6	29.4



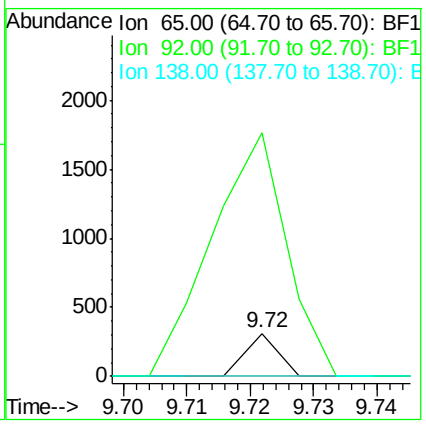


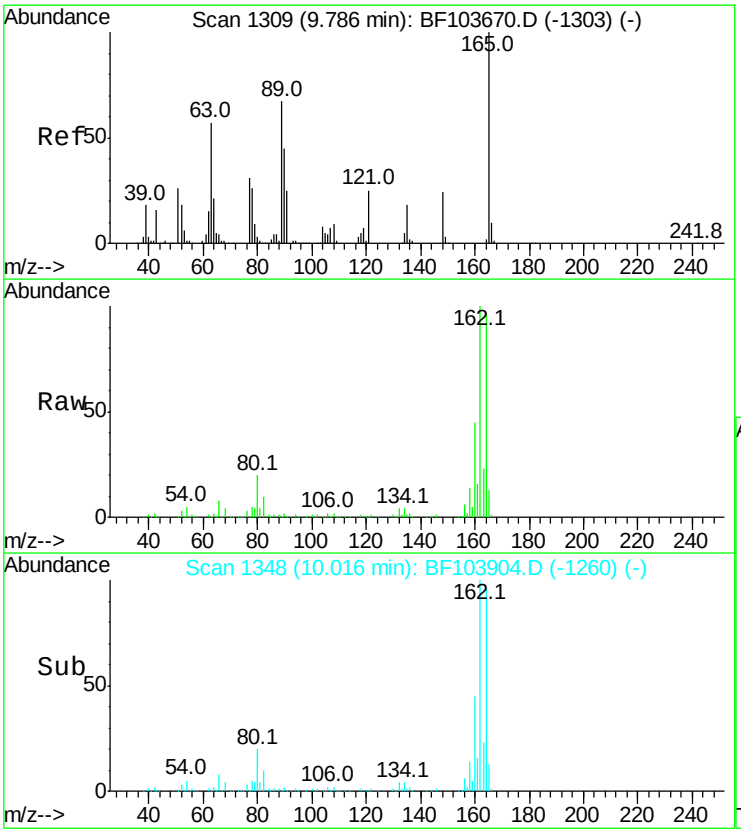
#47
2-Nitroaniline
Concen: 6.841 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.16 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 110

Ion	Ratio	Lower	Upper
65	100		
92	567.2	55.8	83.6#
138	0.0	91.2	136.8#

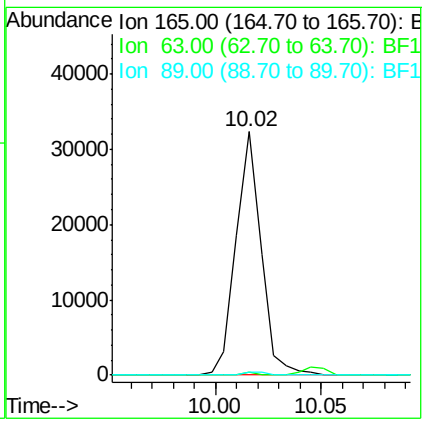


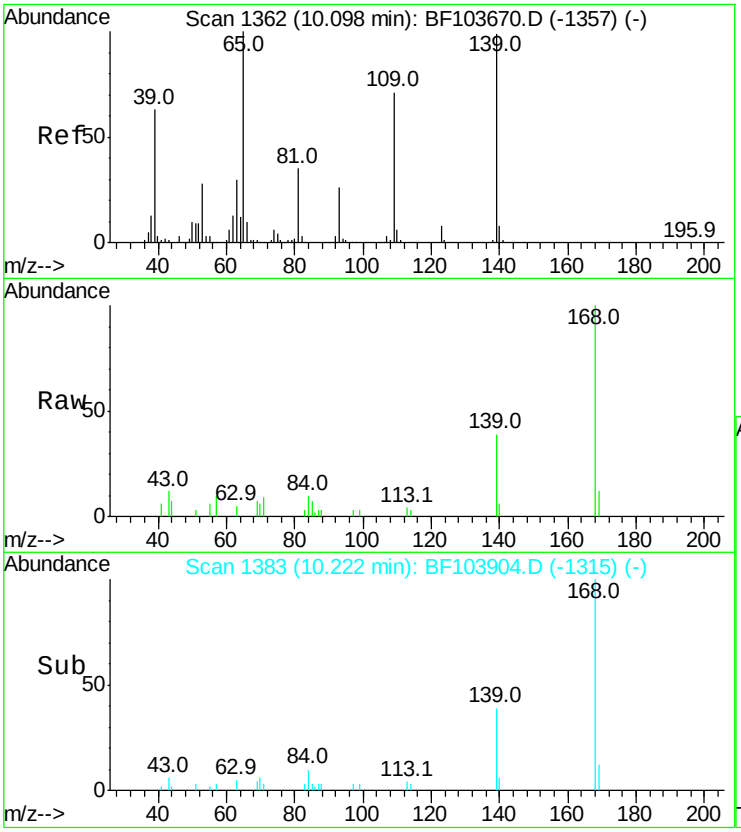


#50
2,6-Dinitrotoluene
Concen: 11.984 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion:165 Resp: 26549

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.2	44.0	66.0#



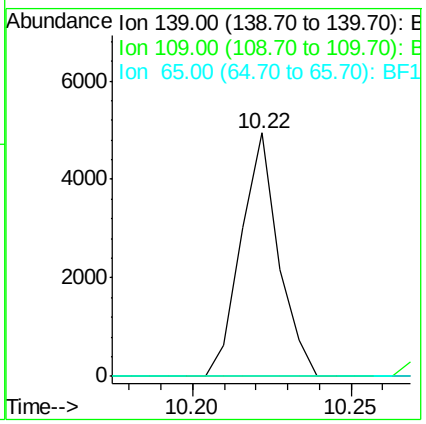


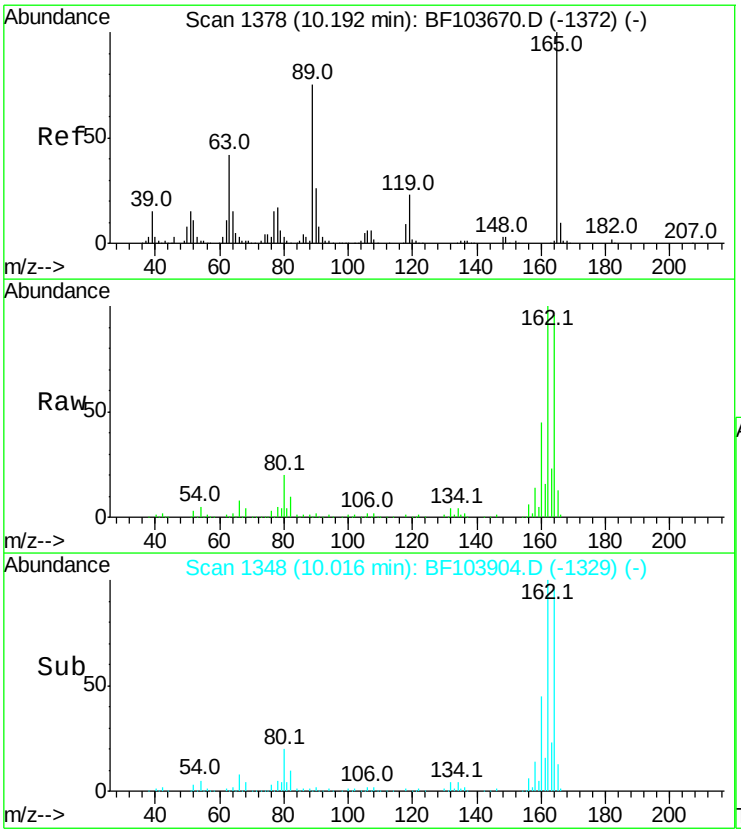
#55
4-Nitrophenol
Concen: 6.293 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.10 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 4064

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

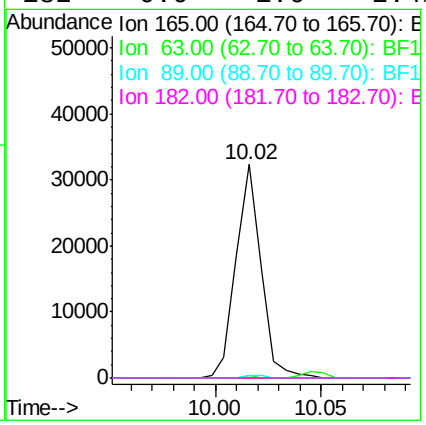


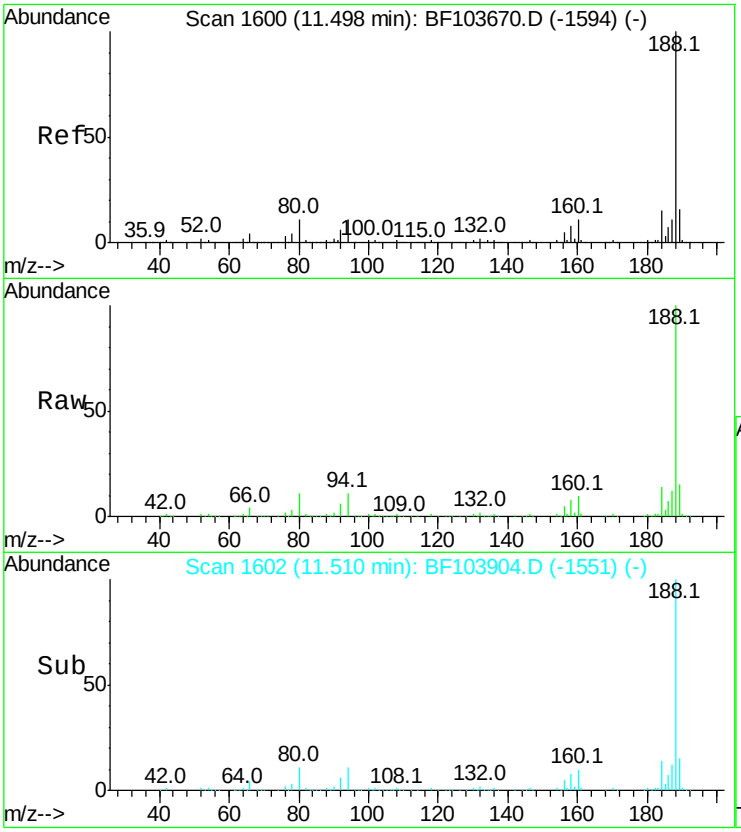


#56
2,4-Dinitrotoluene
Concen: 12.209 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion:165 Resp: 26549

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



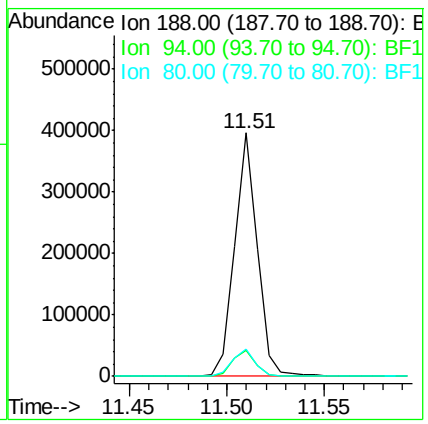


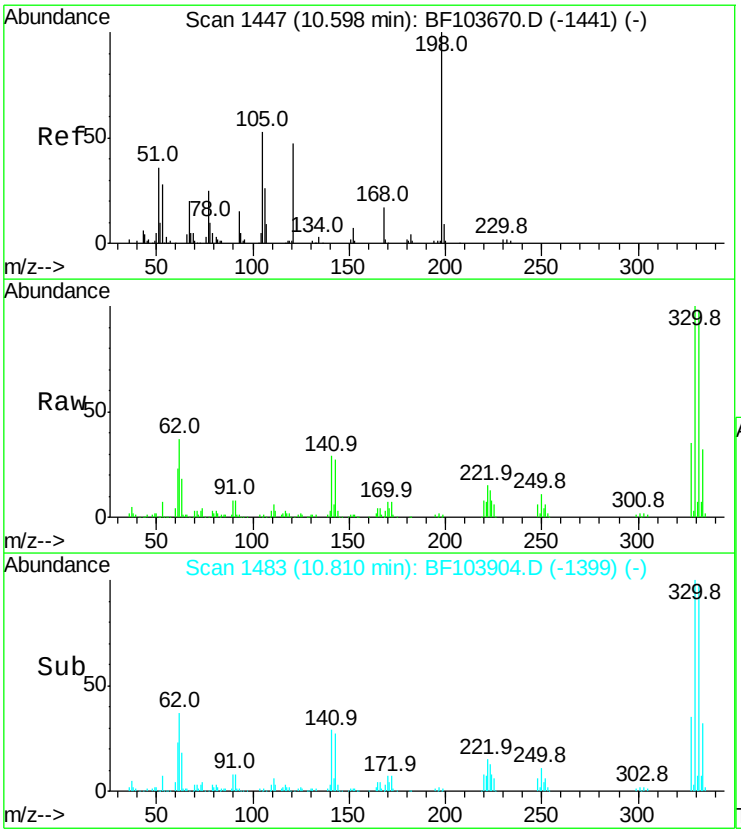
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 318424

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.3	9.2	13.8

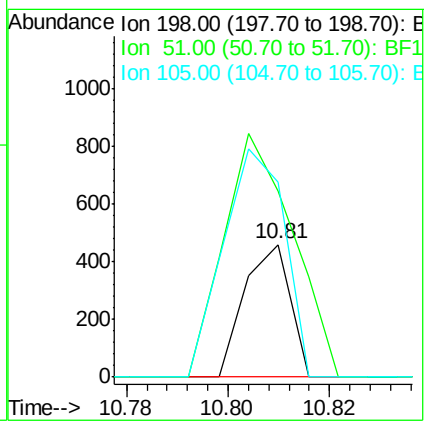


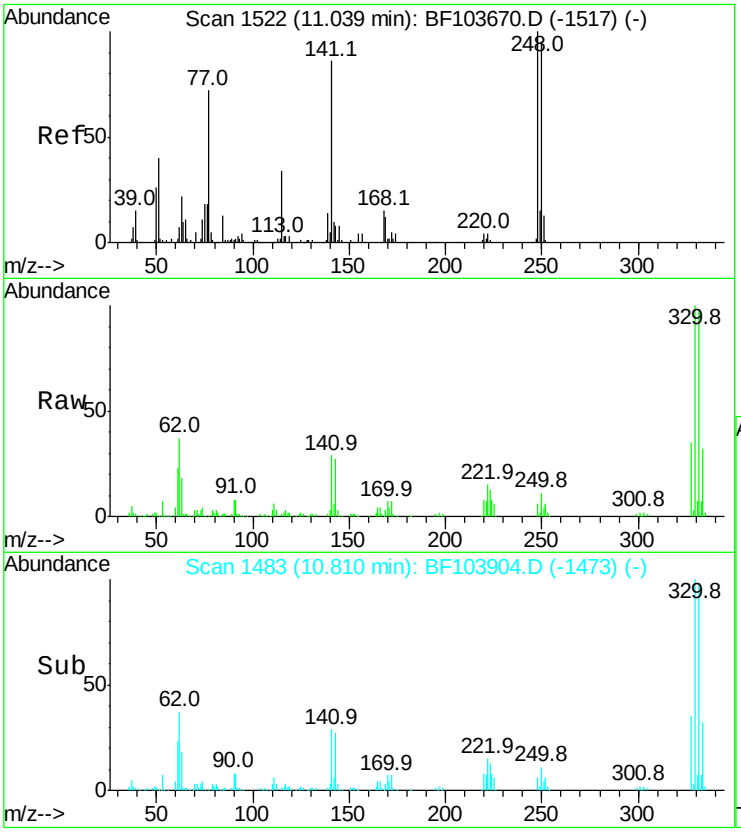


#64
4,6-Dinitro-2-methylphenol
Concen: 8.386 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion:198 Resp: 287

Ion	Ratio	Lower	Upper
198	100		
51	140.3	37.7	77.7#
105	147.3	36.3	76.3#



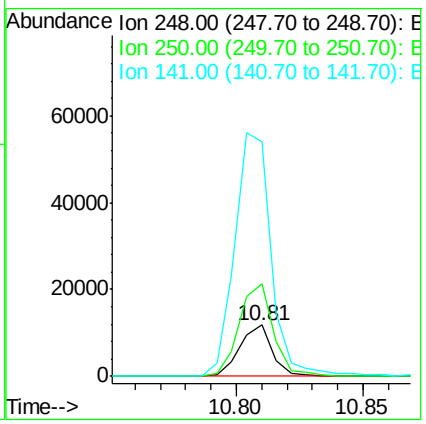


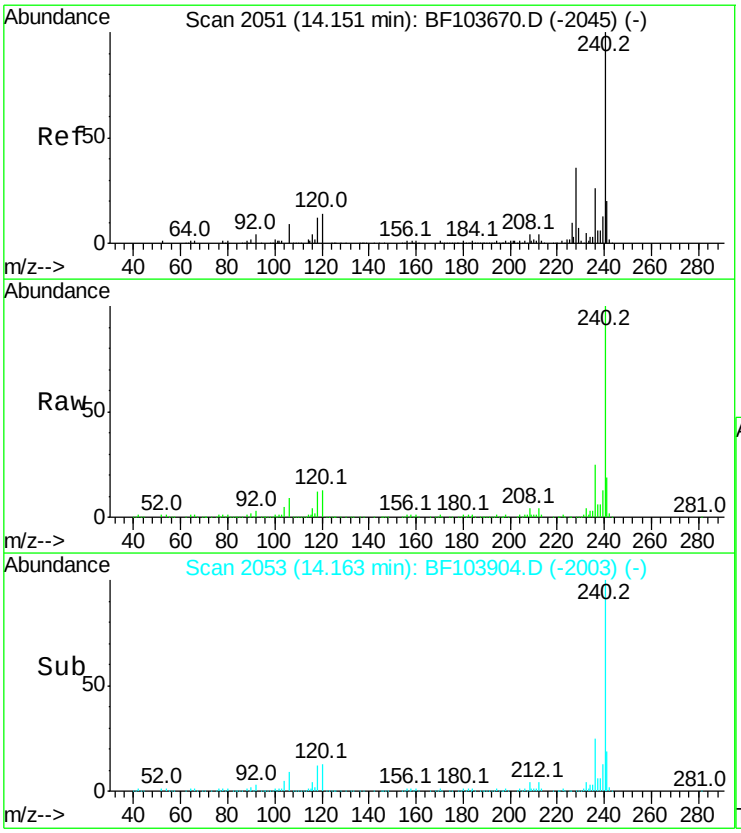
#66
4-Bromophenyl-phenylether
Concen: 3.217 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10518

Ion	Ratio	Lower	Upper
248	100		
250	179.9	76.9	115.3#
141	457.4	74.4	111.6#

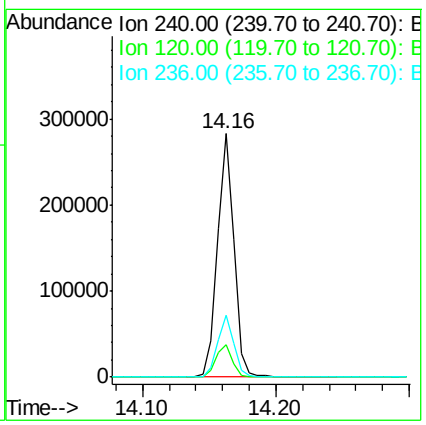


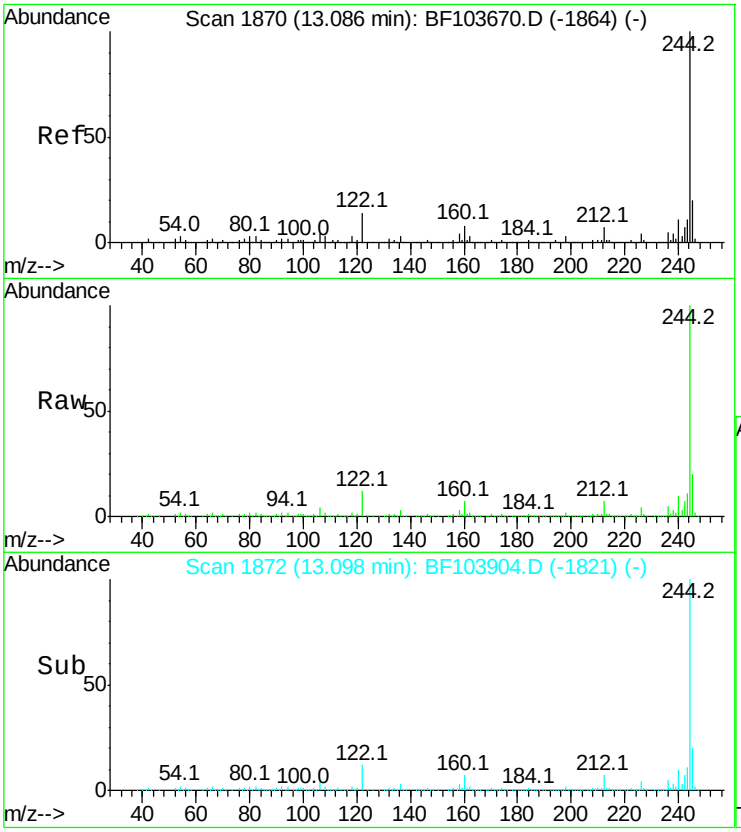


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion:240 Resp: 247708

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.2	20.7	31.1



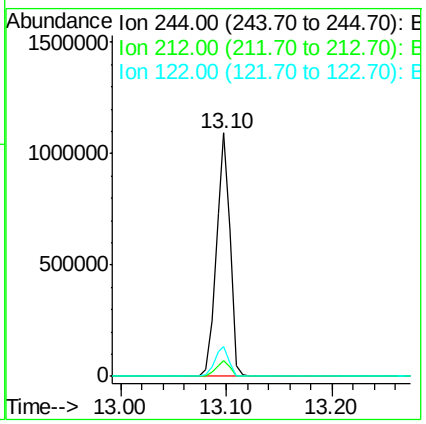


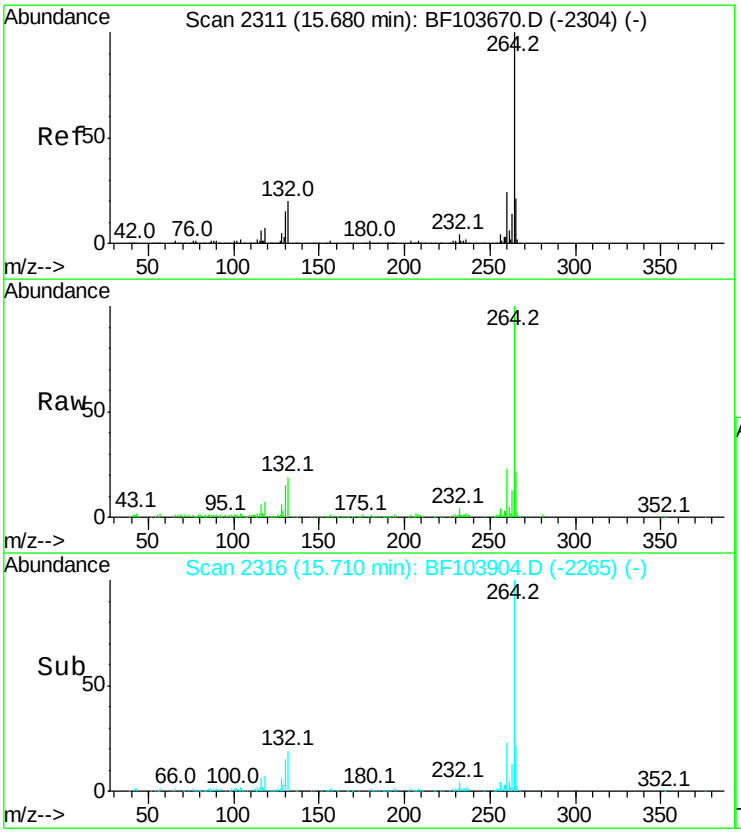
#78
Terphenyl-d14
Concen: 93.704 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 999987

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion:264 Resp: 186697

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.9	17.5	26.3