Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102716.D
Acq On : 3 Feb 2018 14:54
Operator : SJ/JU
Sample : PB106243BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 05 01:23:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	186357	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	785174	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	364443	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	666421	20.00	ng	0.00
75) Chrysene-d12	14.03	240	587726	20.00	ng	0.00
86) Perylene-d12	15.50	264	494802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1471328	119.90	ng	0.01
7) Phenol-d6	6.50	99	1720915	116.47	ng	0.00
23) Nitrobenzene-d5	7.44	82	1080003	95.42	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	394237	134.40	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1879611	85.58	ng	0.00
78) Terphenyl-d14	12.99	244	1880137	75.75	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	147954	15.188	ng	# 83
25) Isophorone	7.44	82	1079987	41.438	ng	# 64
47) 2-Nitroaniline	9.23	65	3341	3.888	ng	# 4
50) 2,6-Dinitrotoluene	9.91	165	47002	8.694	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	47002	9.143	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	909	9.095	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	25683	3.643	ng	# 1

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

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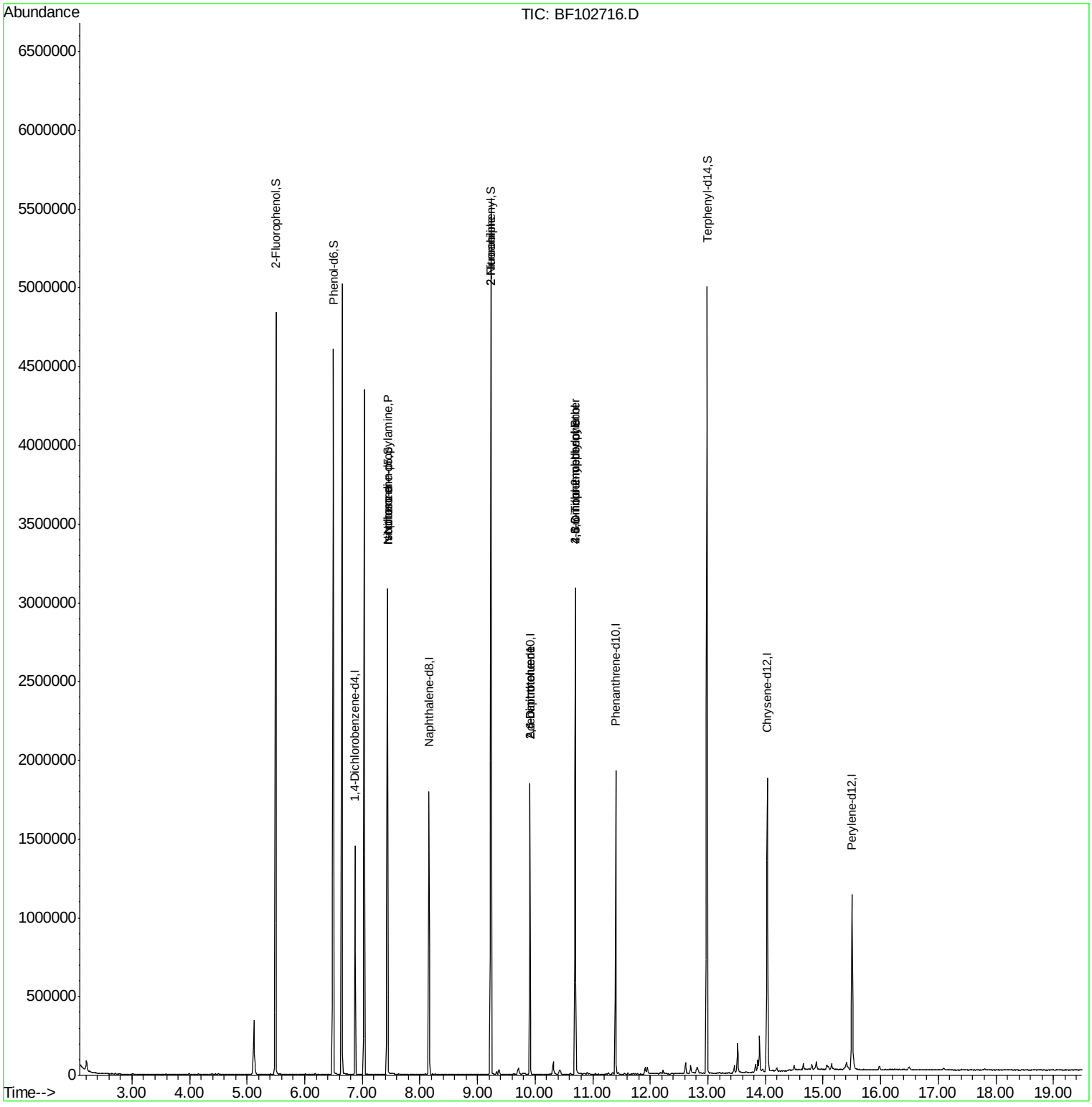
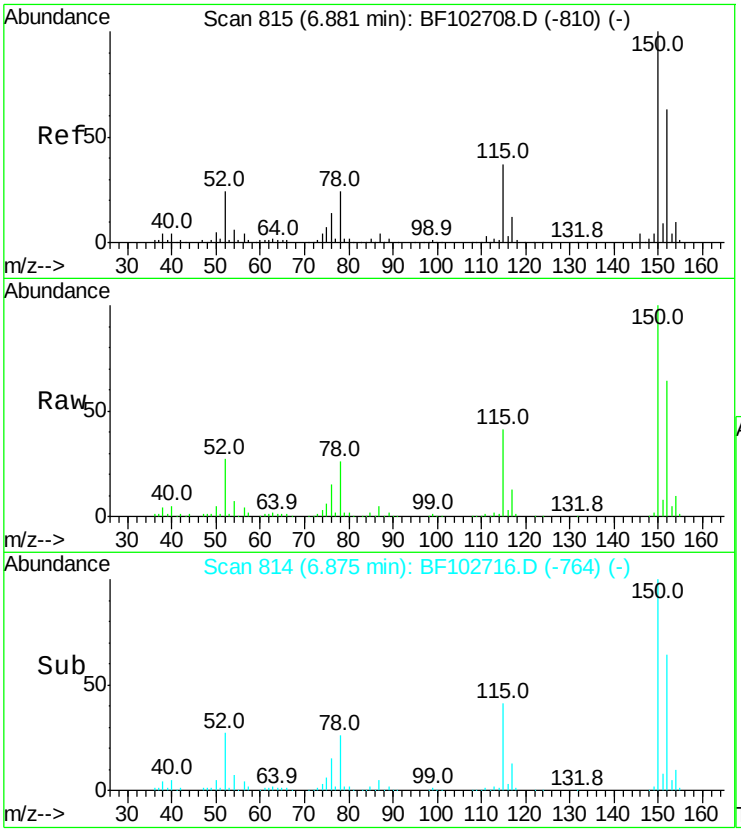


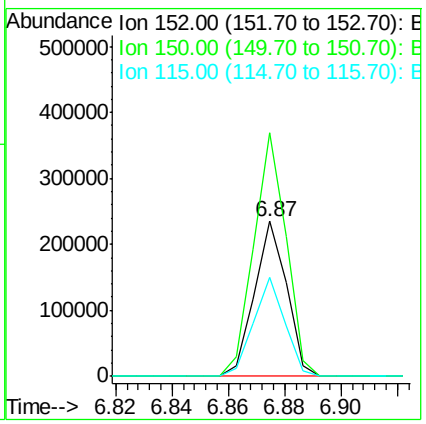


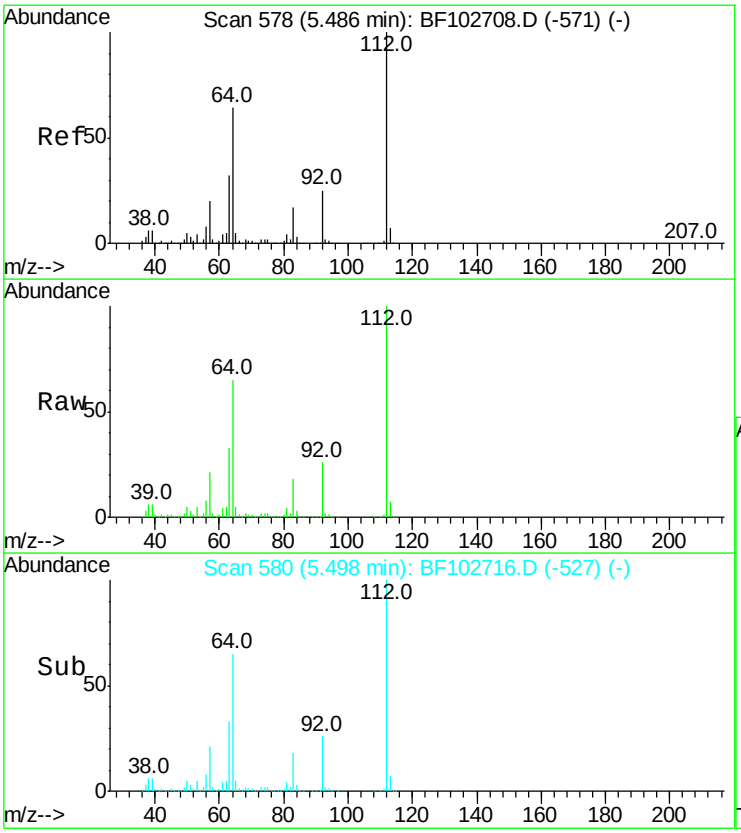
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 186357

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	64.2	50.1	75.1

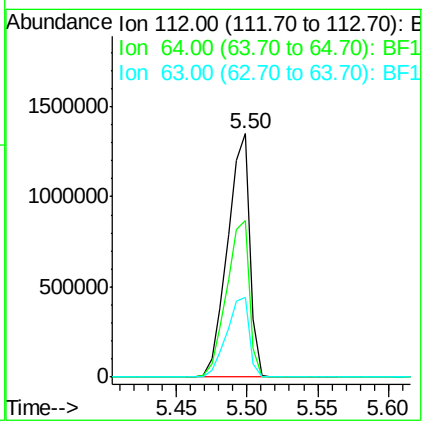


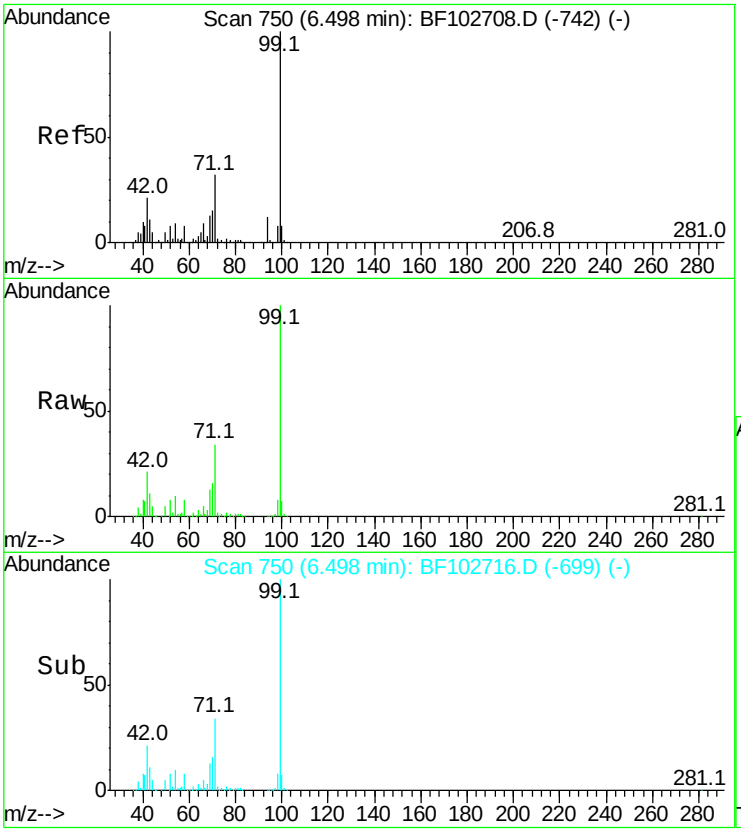


#5
2-Fluorophenol
Concen: 119.902 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Tgt Ion:112 Resp: 1471328

Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	32.7	23.7	35.5



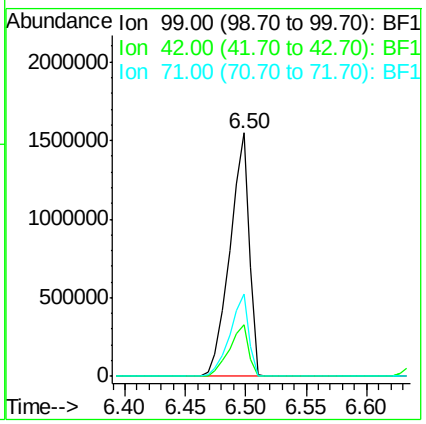


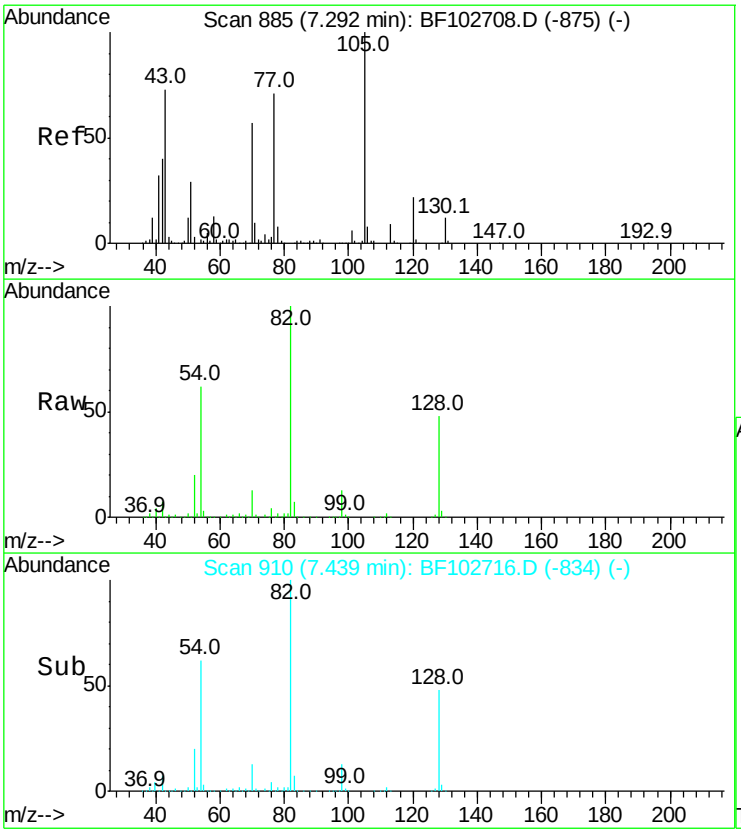
#7
Phenol-d6
Concen: 116.473 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1720915

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	33.6	25.4	38.0

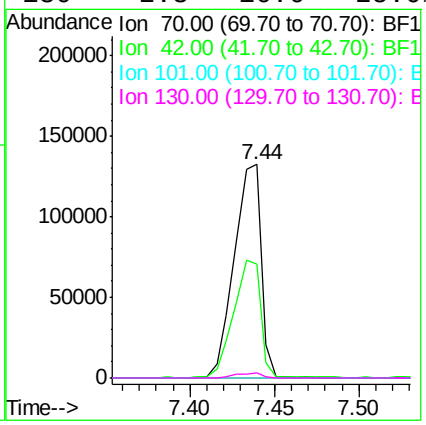


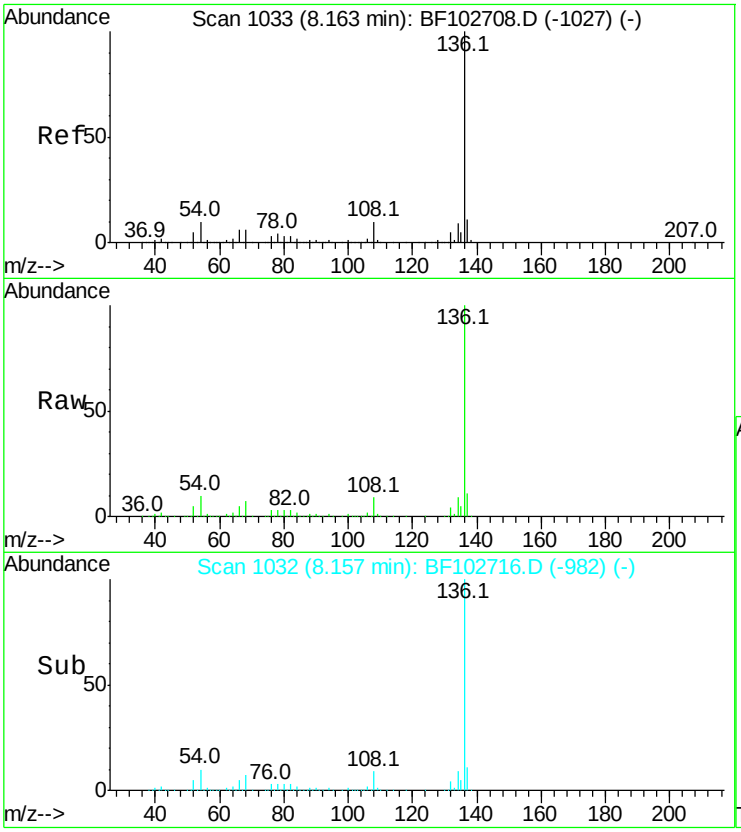


#19
n-Nitroso-di-n-propylamine
Concen: 15.188 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Tgt Ion: 70 Resp: 147954

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



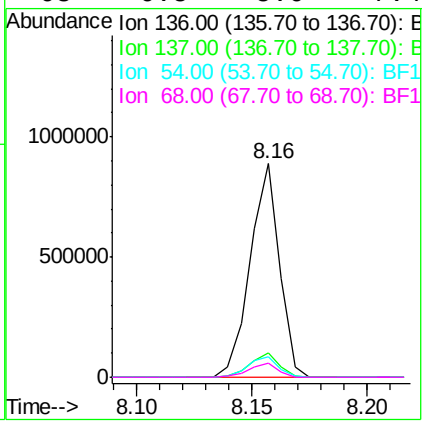


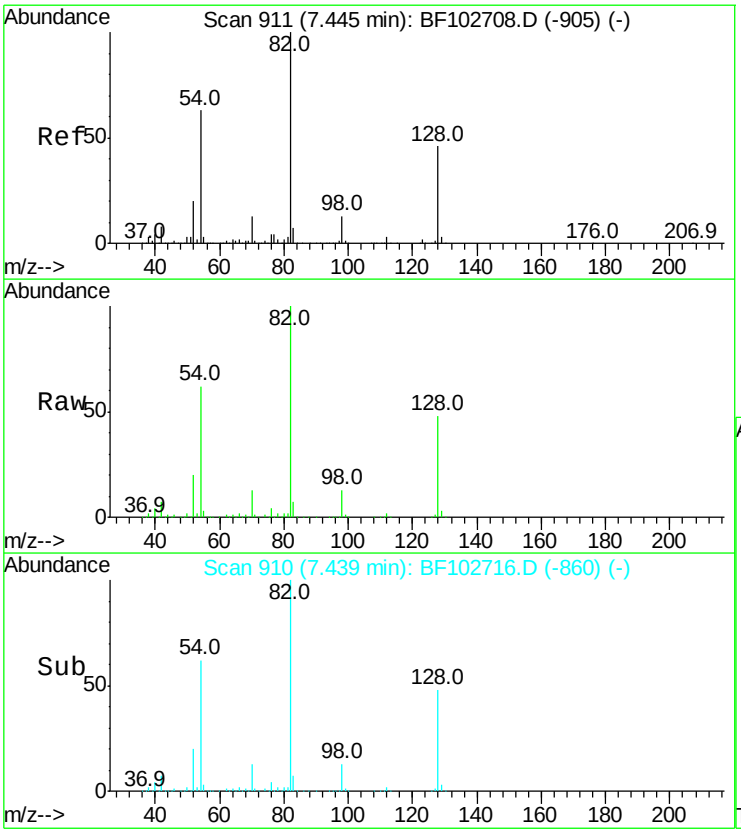
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 785174

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.8	6.6	9.8#
68	6.5	5.0	7.4

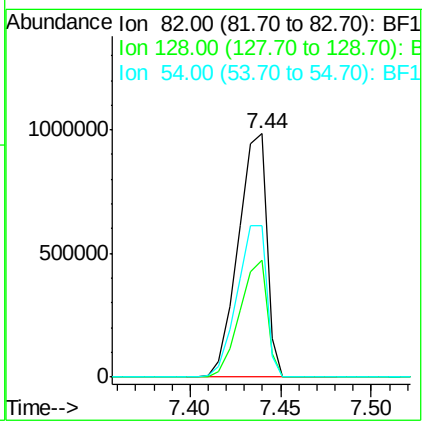


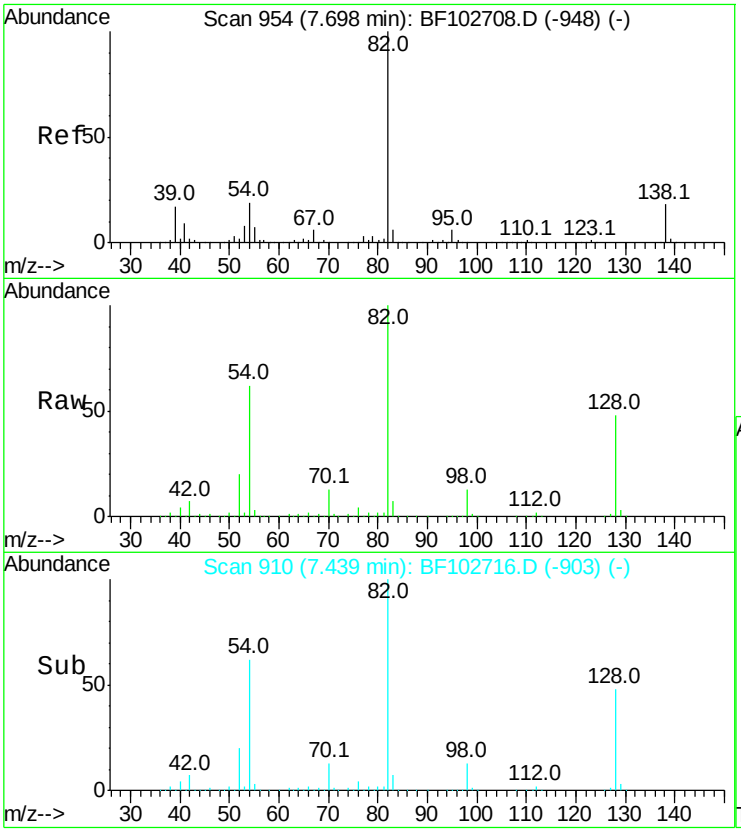


#23
Nitrobenzene-d5
Concen: 95.419 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Tgt Ion: 82 Resp: 1080003

Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	62.1	41.4	62.2



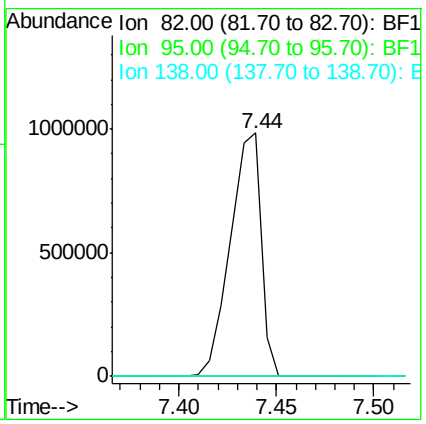


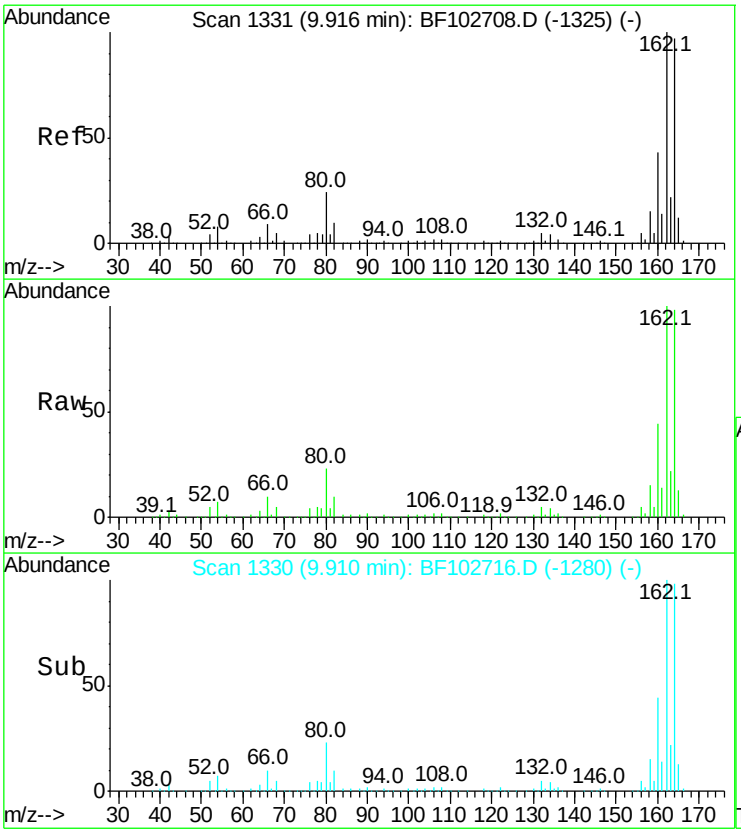
#25
Isophorone
Concen: 41.438 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1079987

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

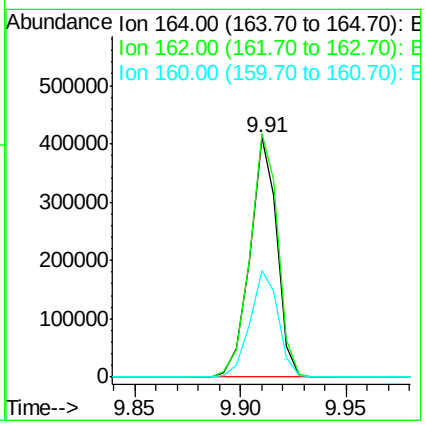


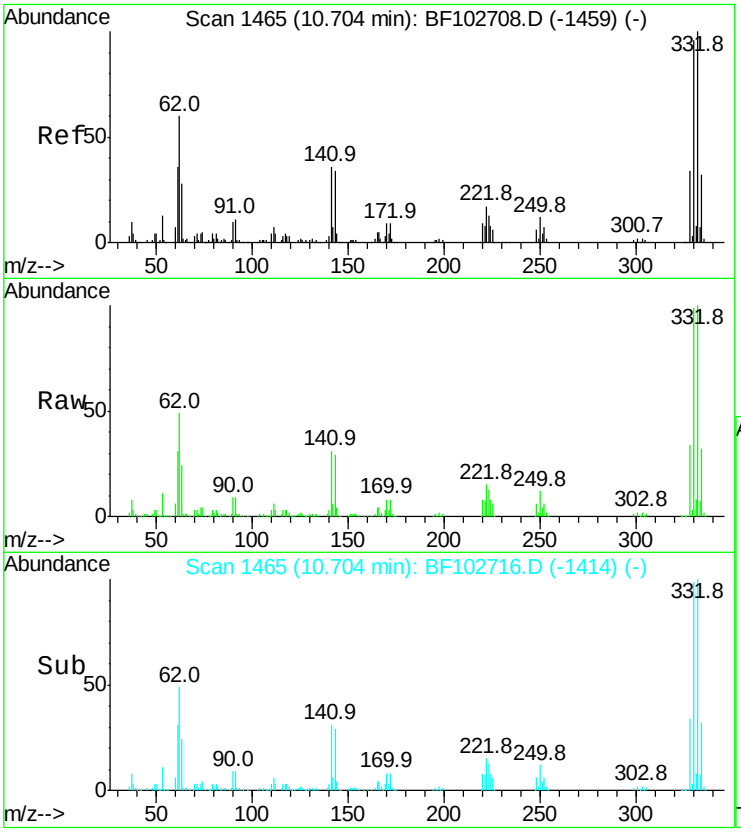


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Tgt Ion:164 Resp: 364443

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	44.7	38.3	57.5



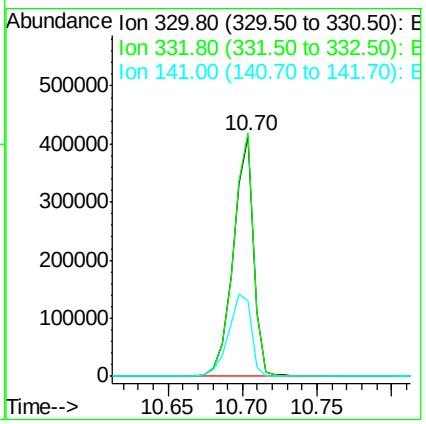


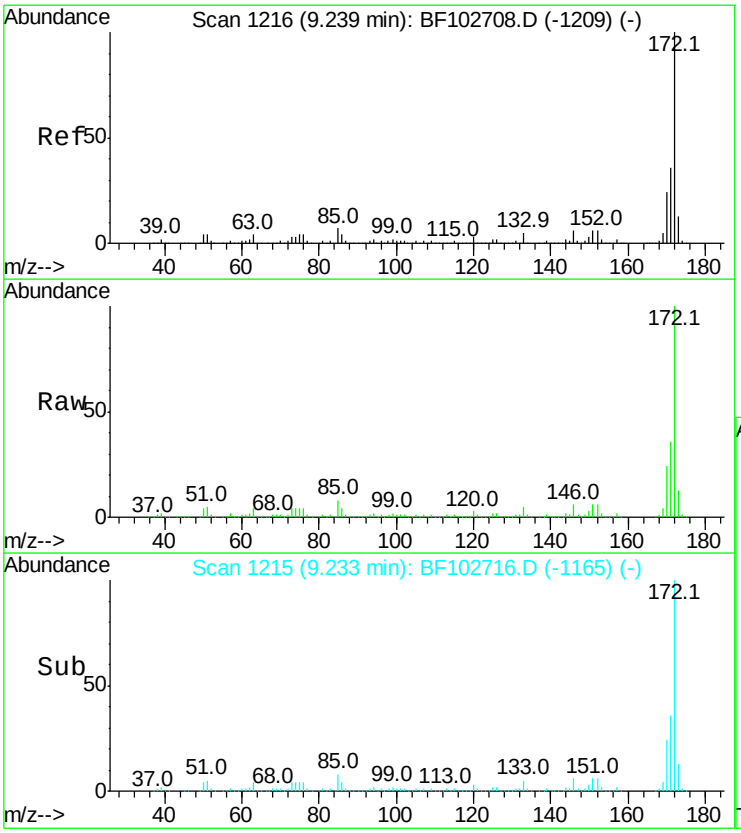
#41
2,4,6-Tribromophenol
Concen: 134.399 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 394237

Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	38.9	29.9	44.9

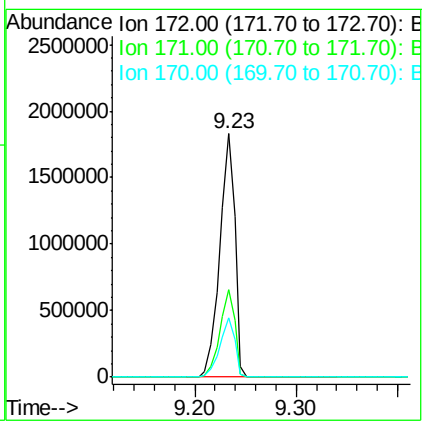


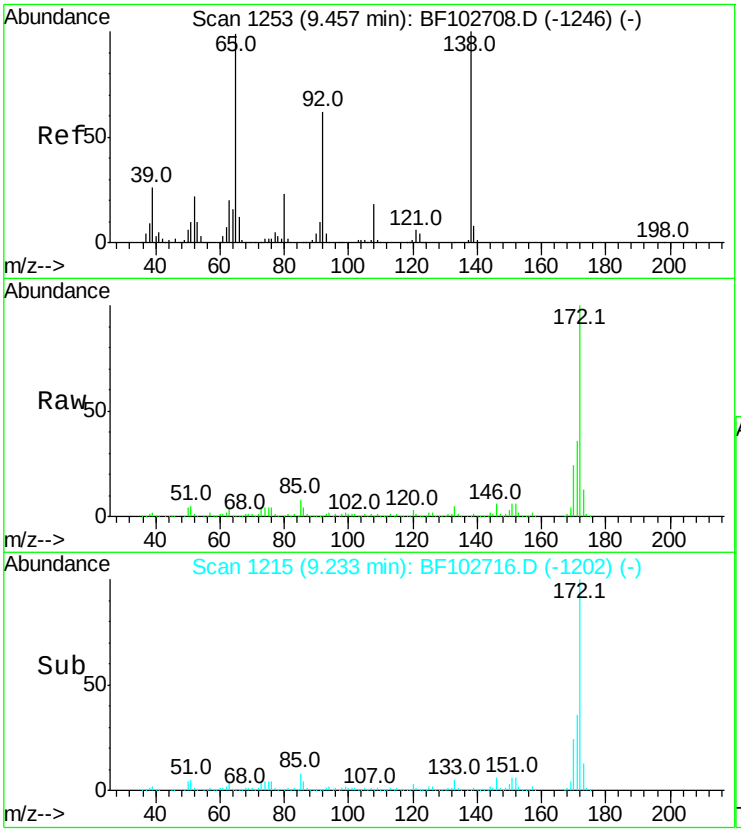


#44
2-Fluorobiphenyl
Concen: 85.581 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Tgt Ion:172 Resp: 1879611

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4



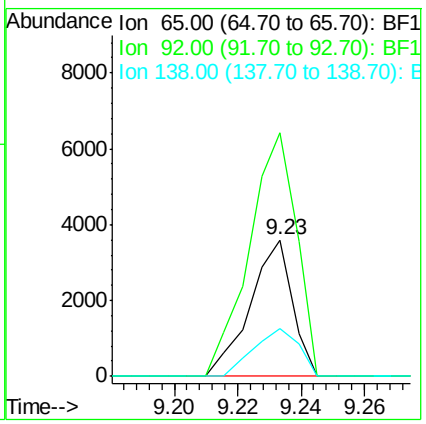


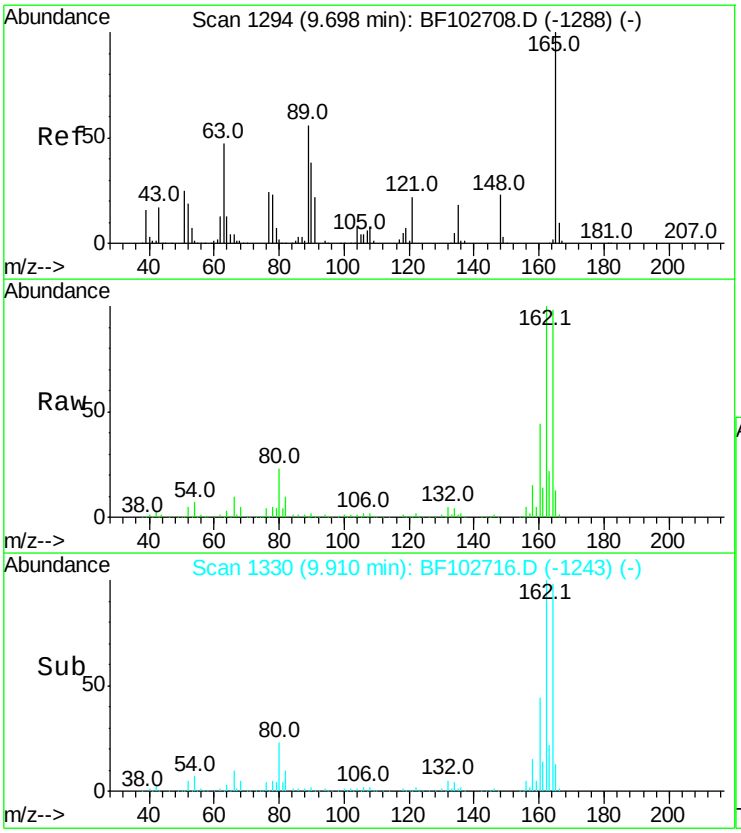
#47
2-Nitroaniline
Concen: 3.888 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.22 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 3341

Ion	Ratio	Lower	Upper
65	100		
92	178.3	55.8	83.6#
138	35.1	91.2	136.8#

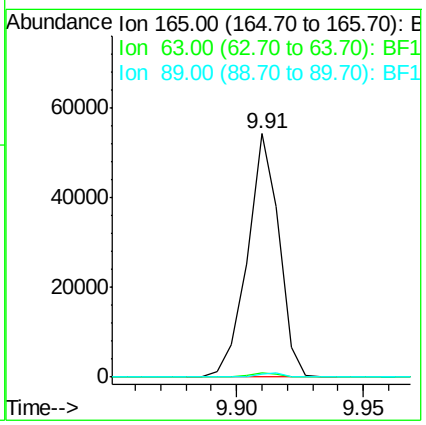


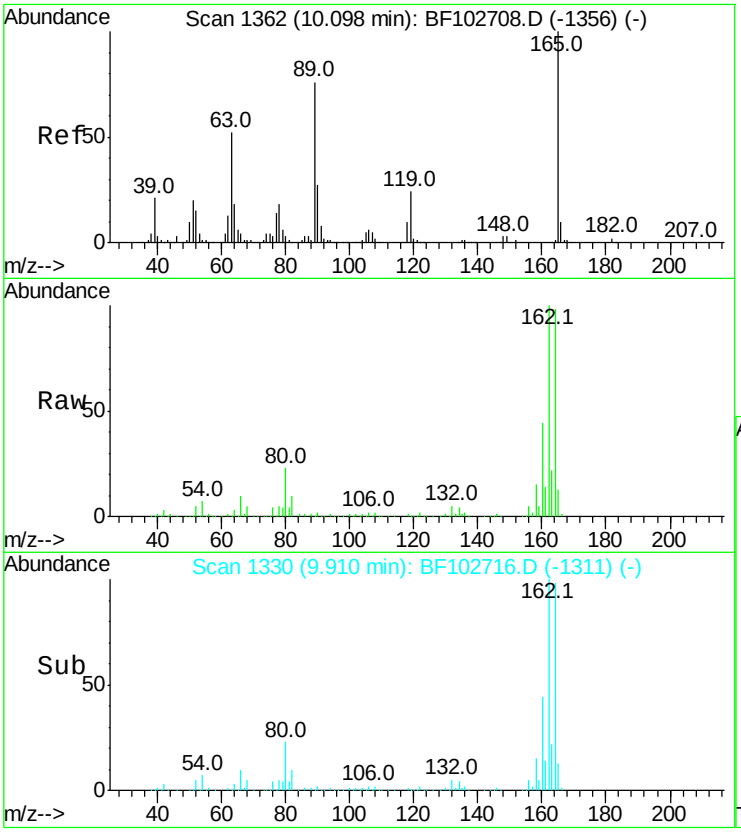


#50
2,6-Dinitrotoluene
Concen: 8.694 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Tgt Ion:165 Resp: 47002

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.2	44.0	66.0#



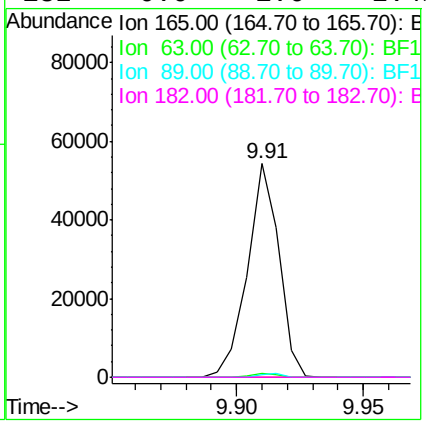


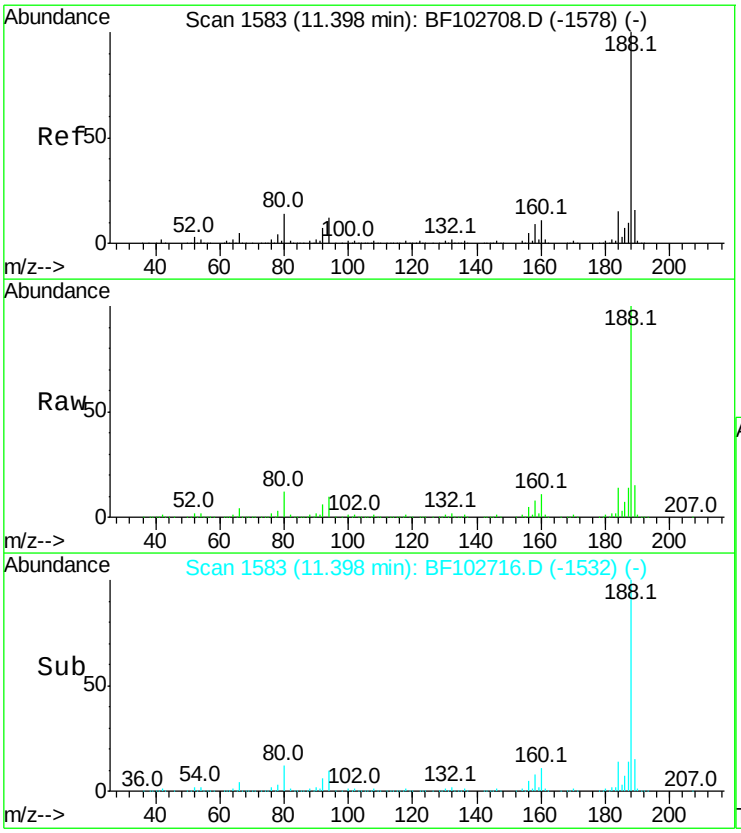
#56
2,4-Dinitrotoluene
Concen: 9.143 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.19 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 47002

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

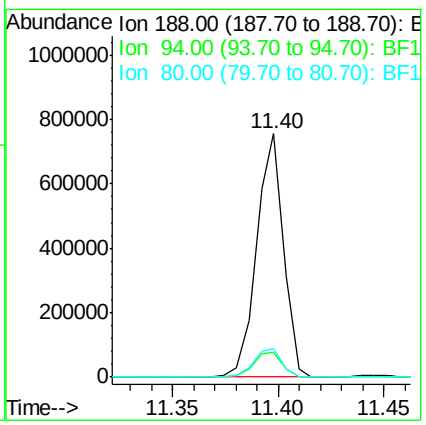


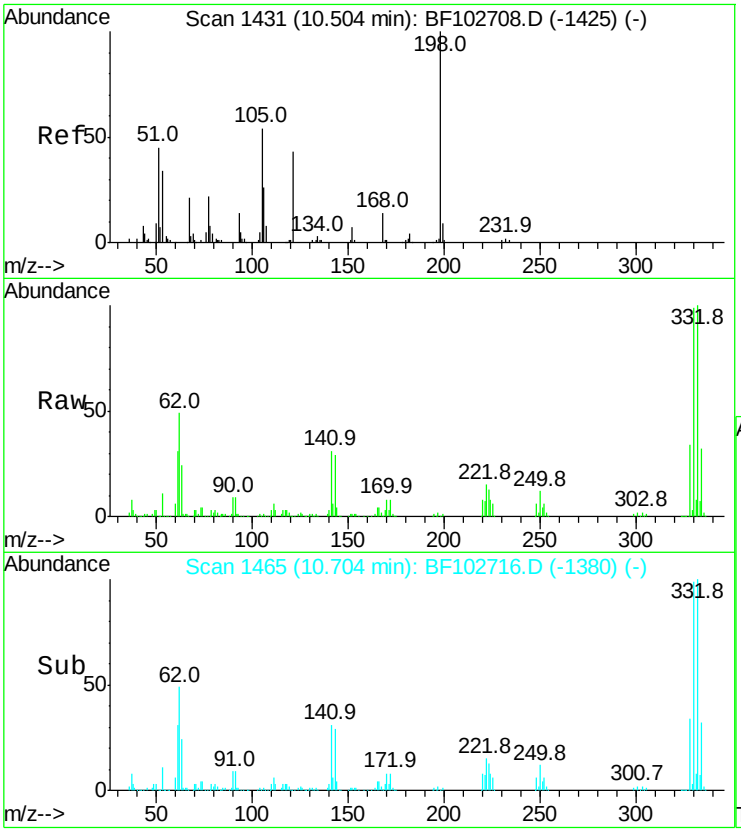


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Tgt Ion:188 Resp: 666421

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.6	9.2	13.8



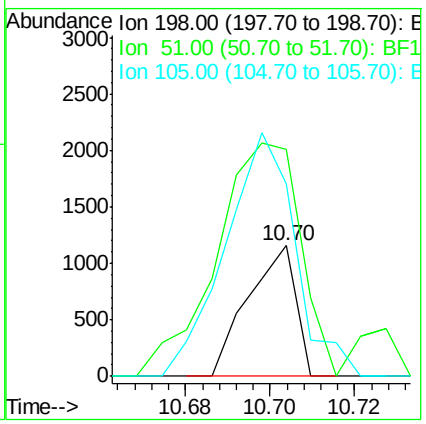


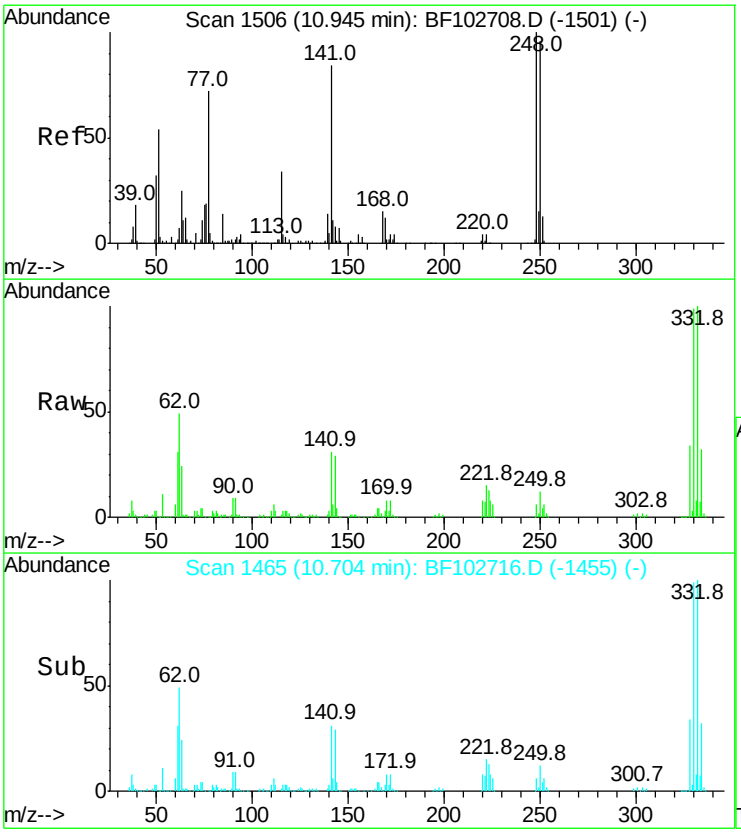
#64
4,6-Dinitro-2-methylphenol
Concen: 9.095 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.20 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 909

Ion	Ratio	Lower	Upper
198	100		
51	173.6	37.7	77.7#
105	147.8	36.3	76.3#

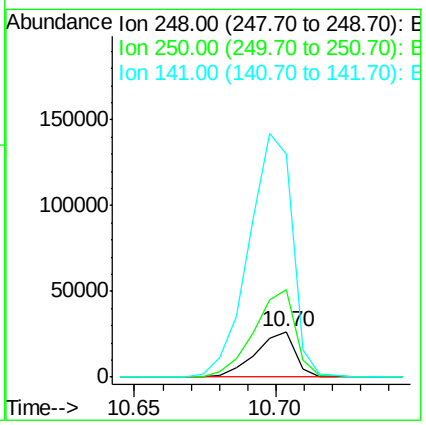


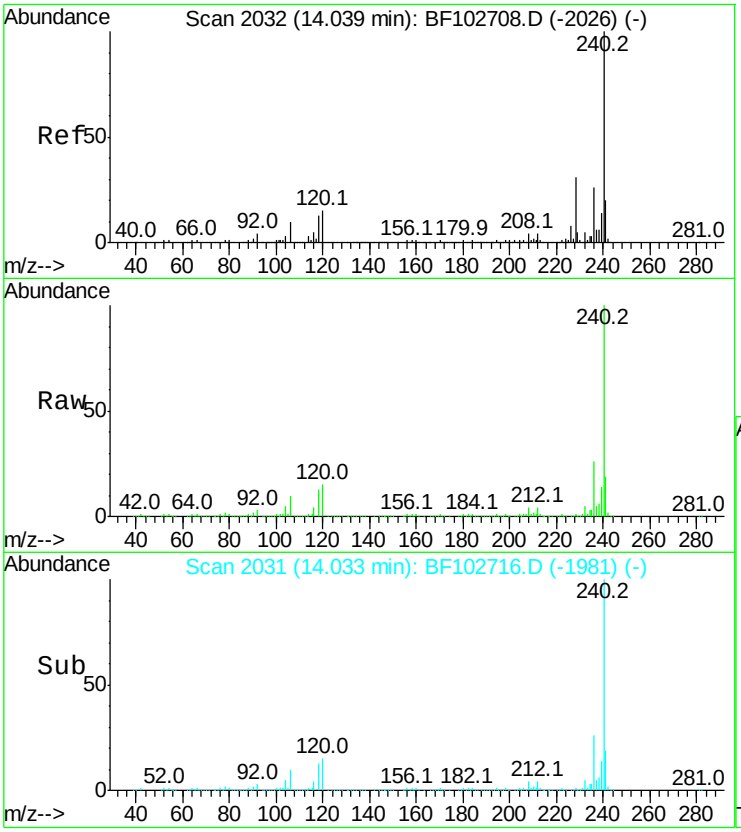


#66
4-Bromophenyl-phenylether
Concen: 3.643 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Tgt Ion:248 Resp: 25683

Ion	Ratio	Lower	Upper
248	100		
250	193.8	76.9	115.3#
141	494.1	74.4	111.6#



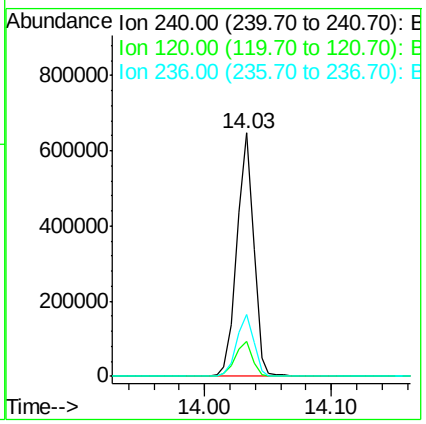


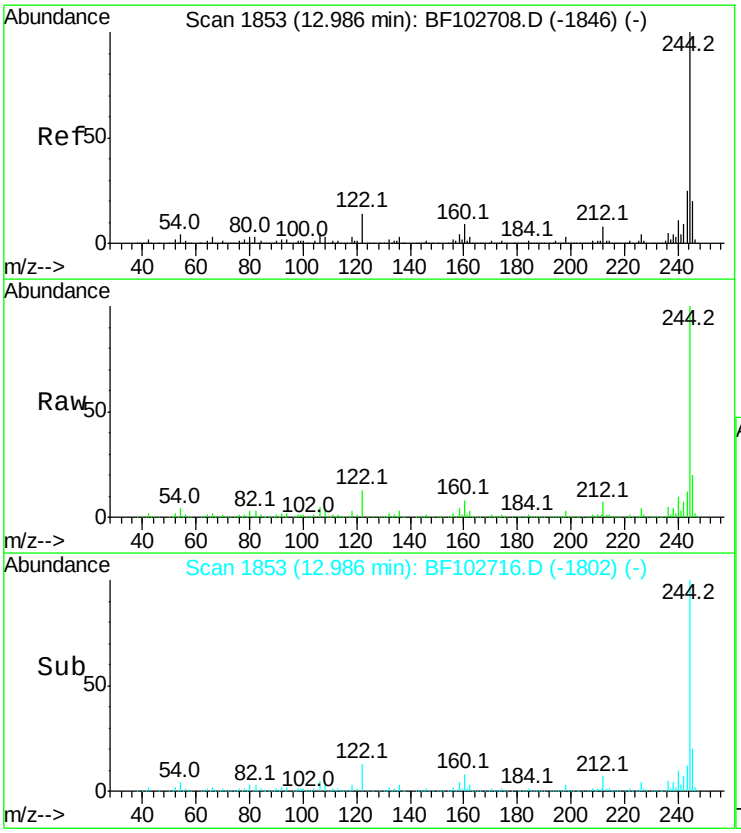
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 587726

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.7	20.7	31.1

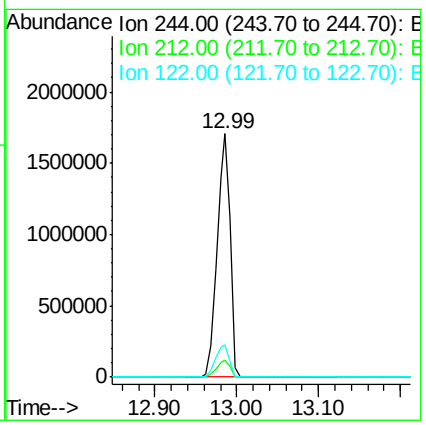


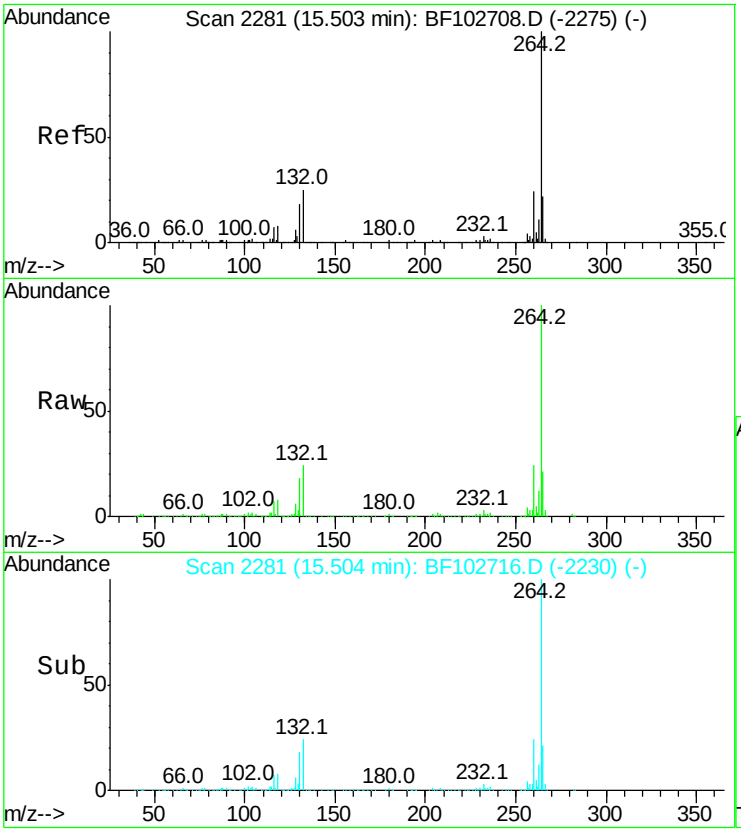


#78
Terphenyl-d14
Concen: 75.745 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Tgt Ion:244 Resp: 1880137

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 494802

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.2	17.5	26.3