Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102894.D
Acq On : 9 Feb 2018 17:43
Operator : SJ/JU
Sample : PB106115BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 09 22:07:32 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 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	151090	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	617297	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	248390	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	361067	20.00	ng	0.00
75) Chrysene-d12	14.05	240	287762	20.00	ng	0.00
86) Perylene-d12	15.54	264	268529	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1133581	113.94	ng	0.02
7) Phenol-d6	6.51	99	1332154	111.21	ng	0.00
23) Nitrobenzene-d5	7.45	82	868147	97.56	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	197895	98.98	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1341798	89.64	ng	0.00
78) Terphenyl-d14	13.00	244	945330	77.78	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	116510	14.75	ng	# 86
25) Isophorone	7.45	82	868131	42.37	ng	# 64
47) 2-Nitroaniline	9.24	65	2649	3.96	ng	# 4
50) 2,6-Dinitrotoluene	9.92	165	31927	8.66	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	31927	9.12	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	342	9.00	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13806	3.61	ng	# 1

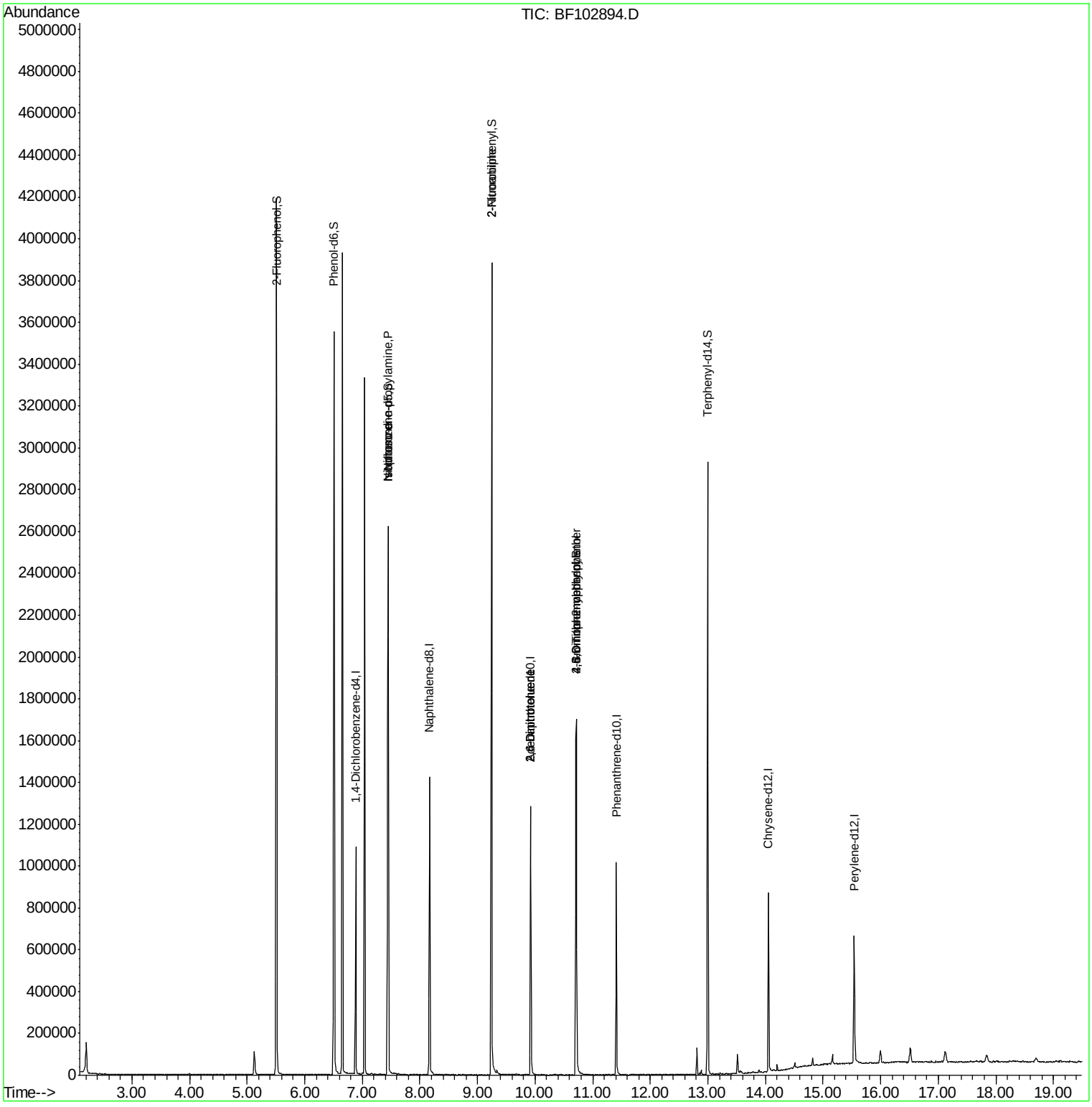
(#) = qualifier out of range (m) = manual integration (+) = signals summed

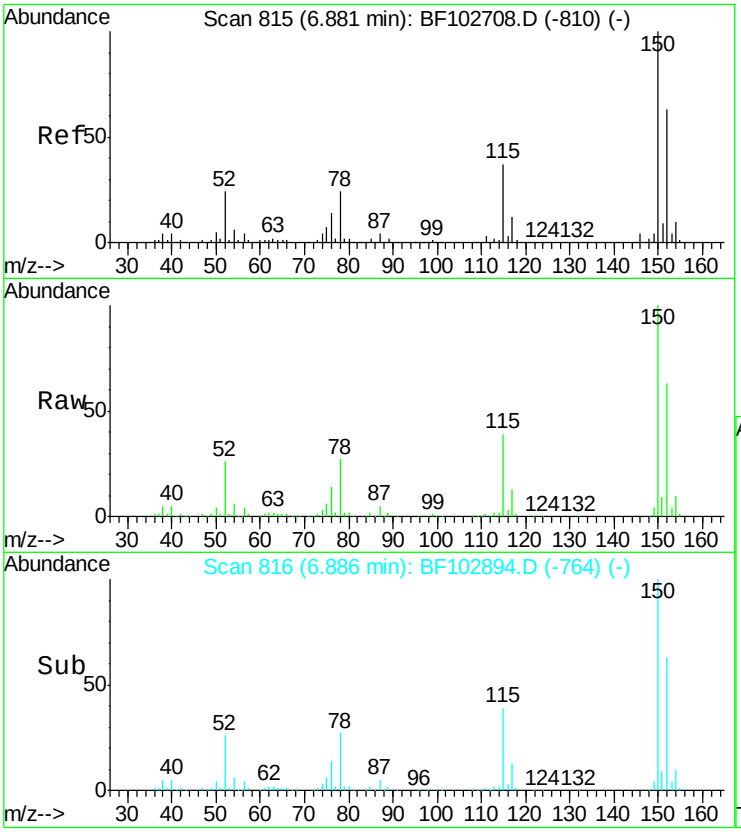
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102894.D
Acq On : 9 Feb 2018 17:43
Operator : SJ/JU
Sample : PB106115BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 09 22:07:32 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 12:44:16 2018
Response via : Initial Calibration



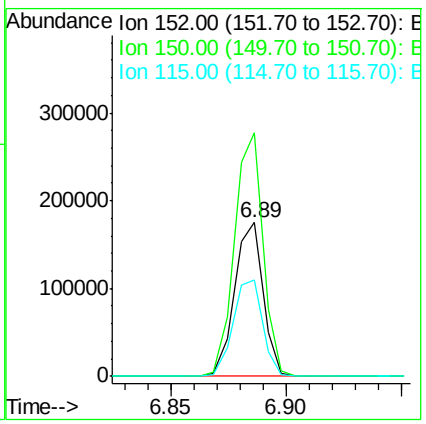


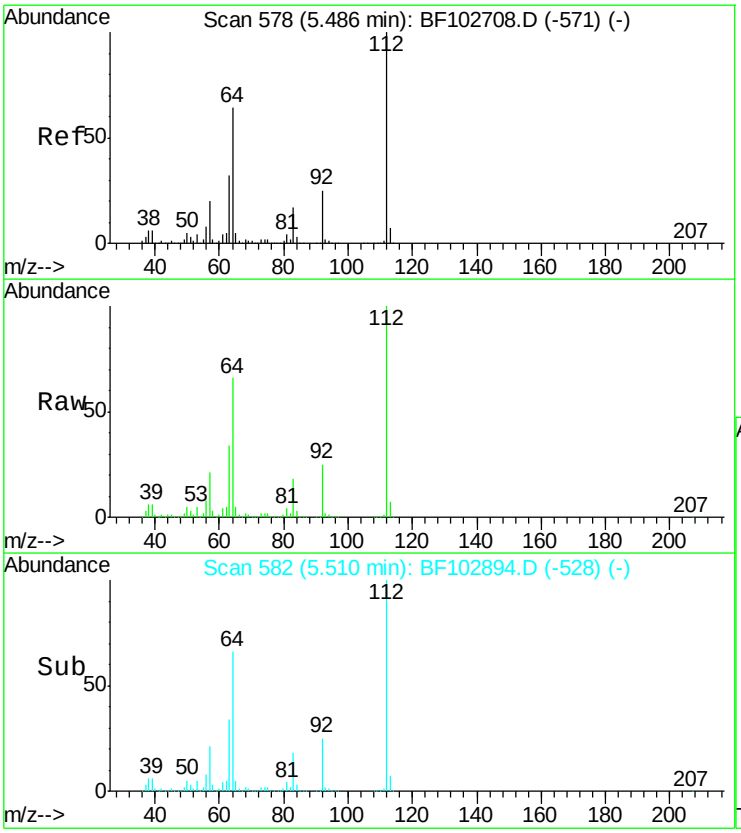
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151090

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	62.5	50.1	75.1

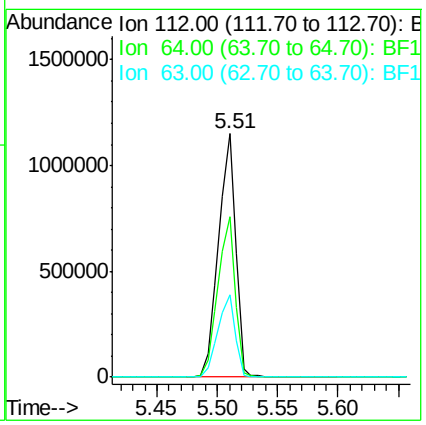


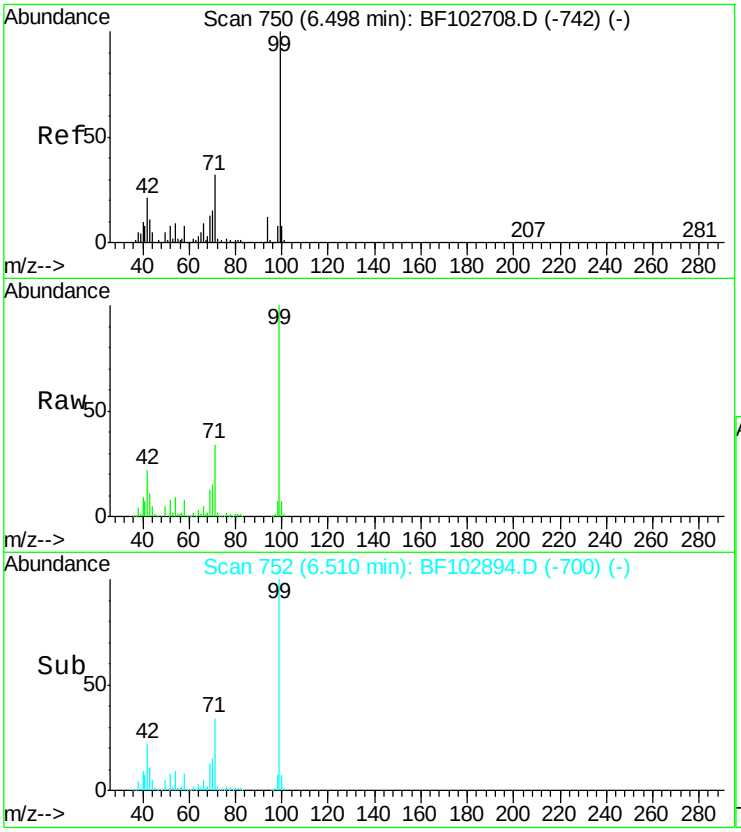


#5
2-Fluorophenol
Concen: 113.94 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Tgt Ion:112 Resp: 1133581

Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	33.8	23.7	35.5



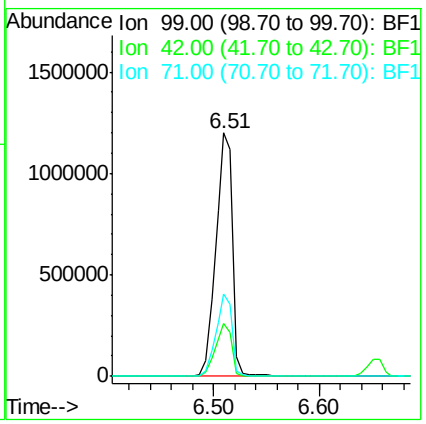


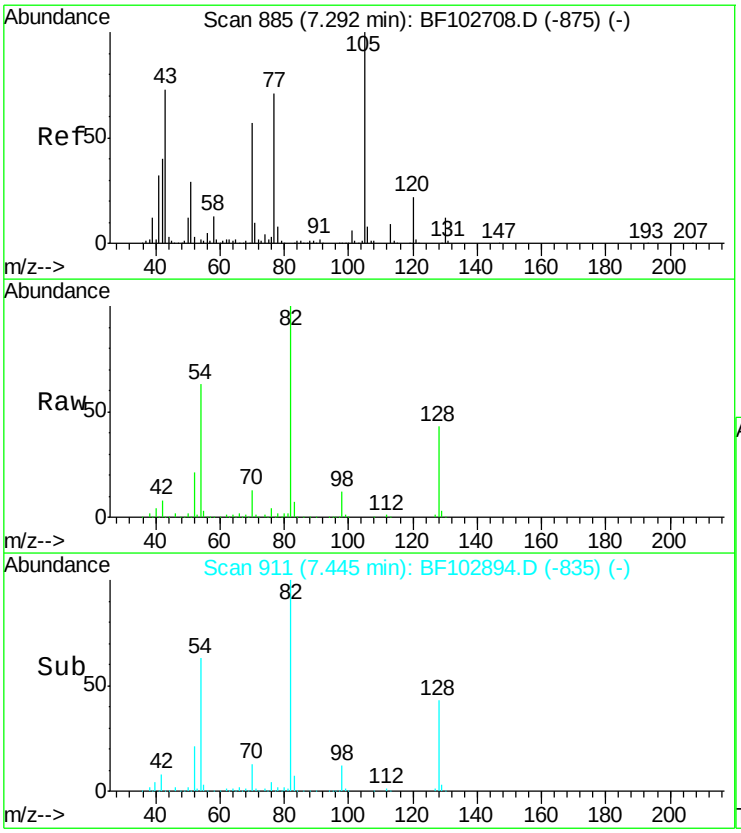
#7
Phenol-d6
Concen: 111.21 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1332154

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7
71	33.7	25.4	38.0

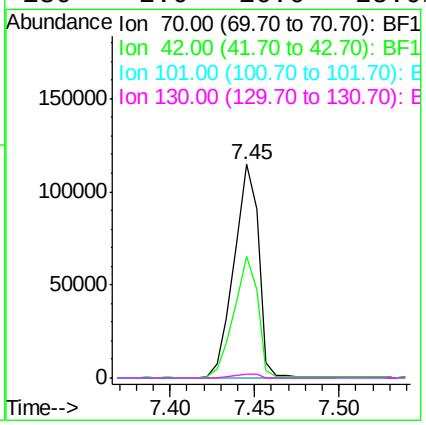


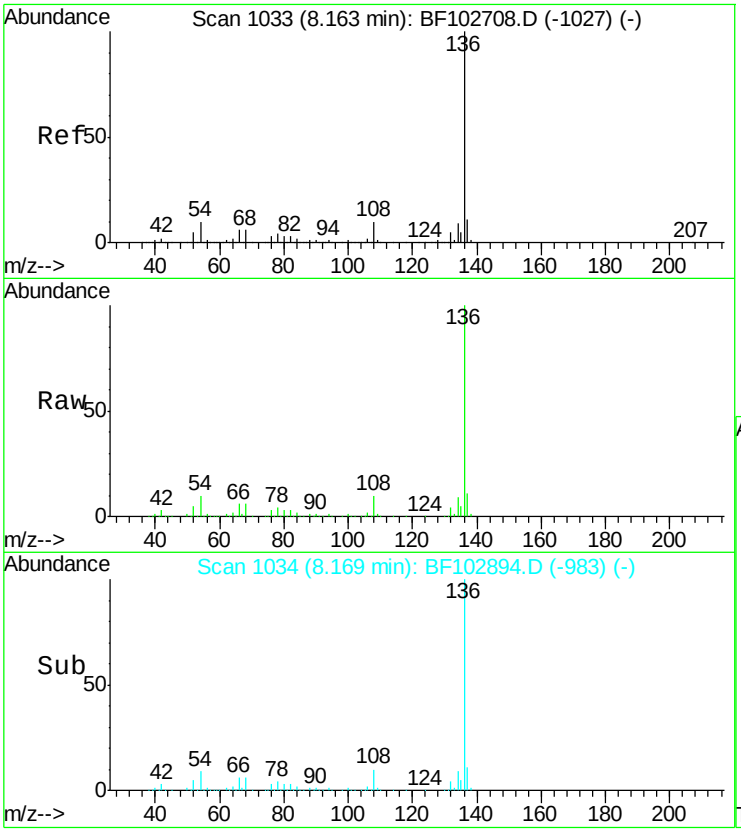


#19
n-Nitroso-di-n-propylamine
Concen: 14.75 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Tgt Ion: 70 Resp: 116510

Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



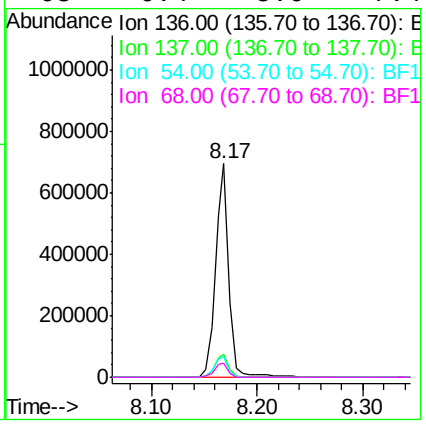


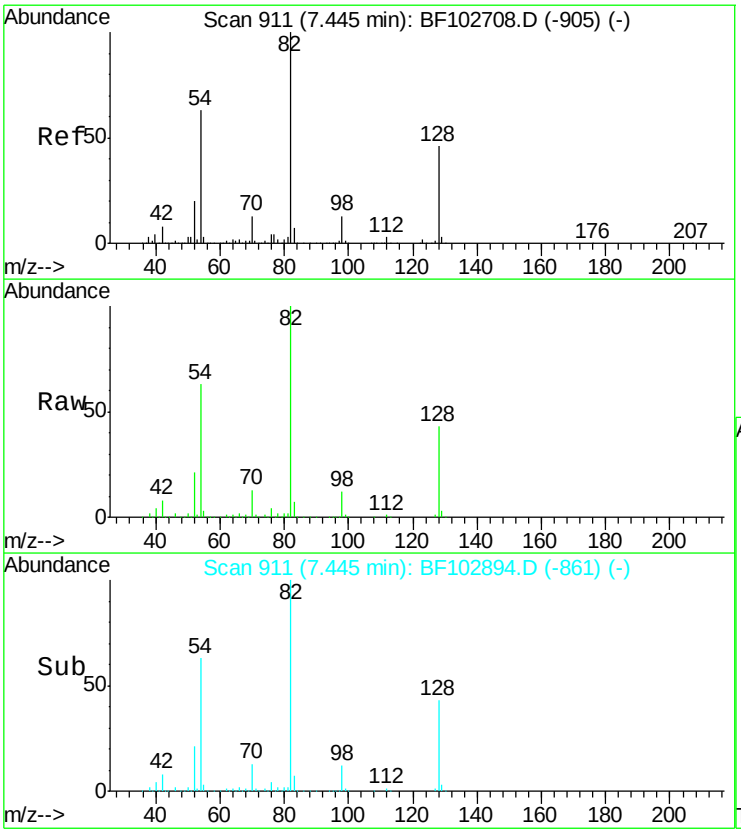
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 617297

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.5	6.6	9.8
68	6.4	5.0	7.4

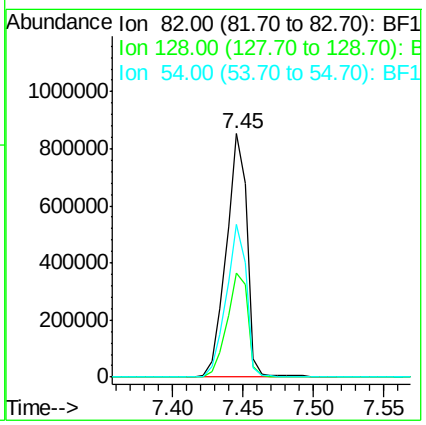


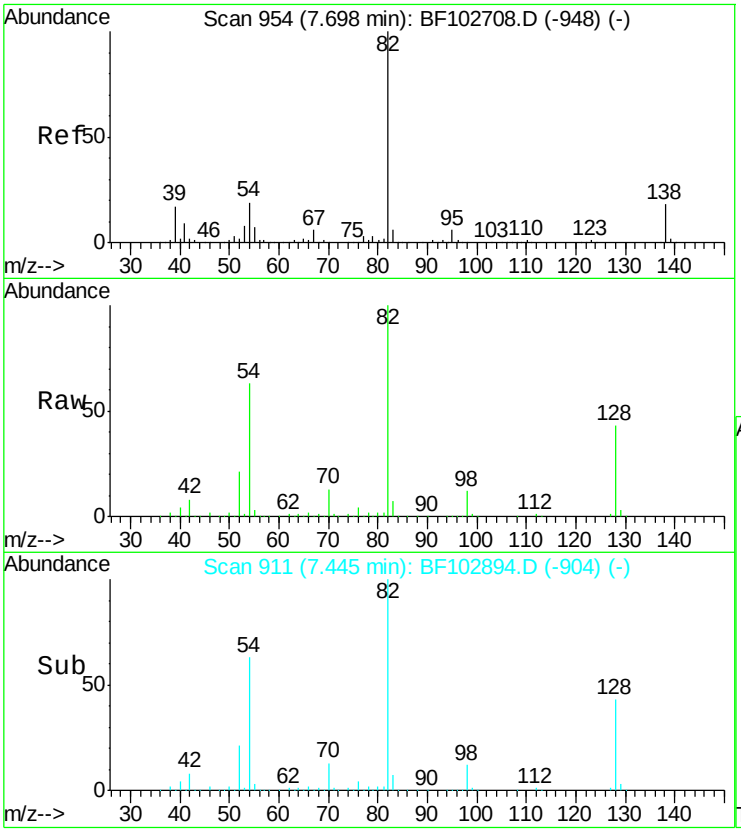


#23
Nitrobenzene-d5
Concen: 97.56 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Tgt Ion: 82 Resp: 868147

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	62.8	41.4	62.2#



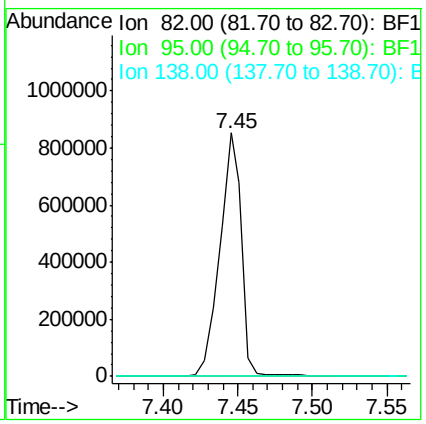


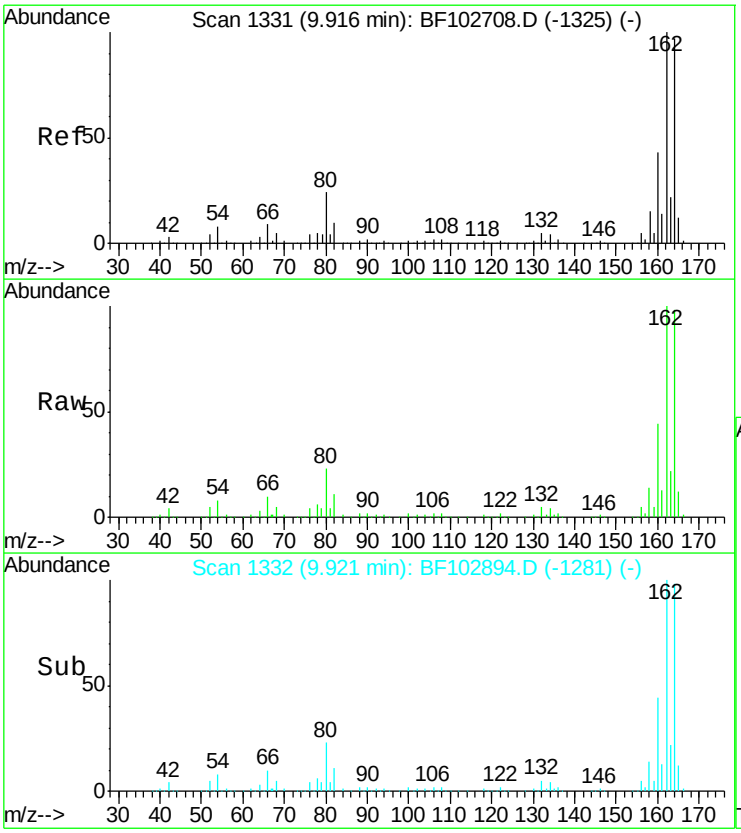
#25
Isophorone
Concen: 42.37 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 868131

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

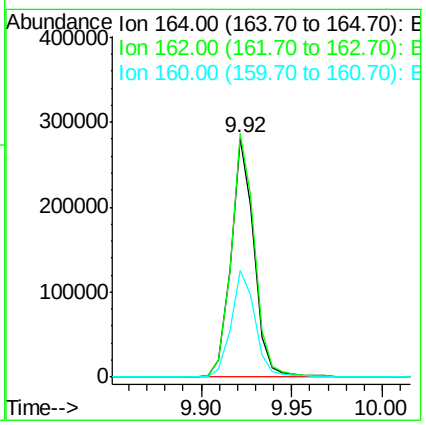


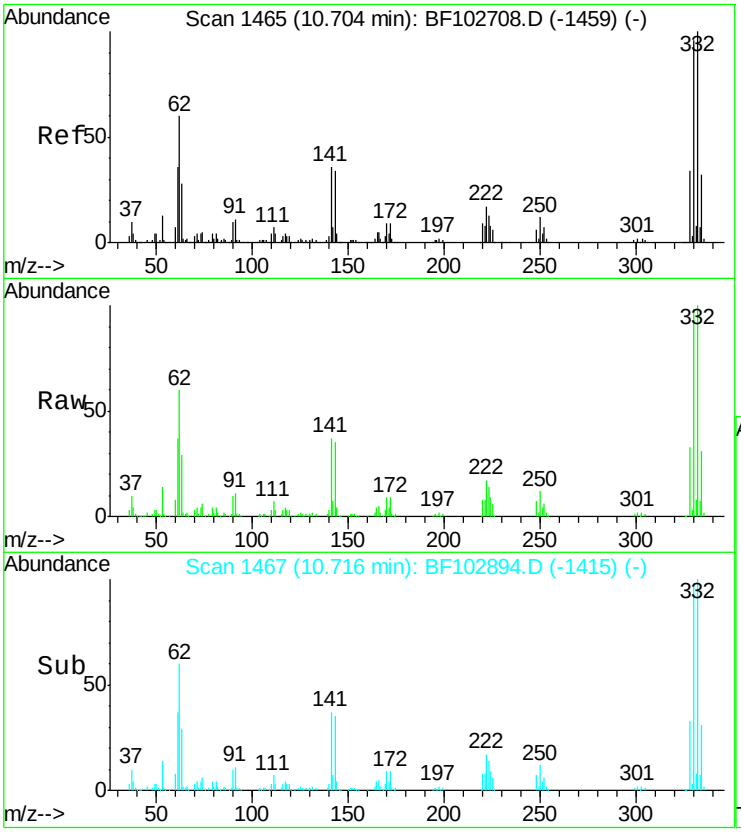


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Tgt Ion:164 Resp: 248390

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	44.5	38.3	57.5



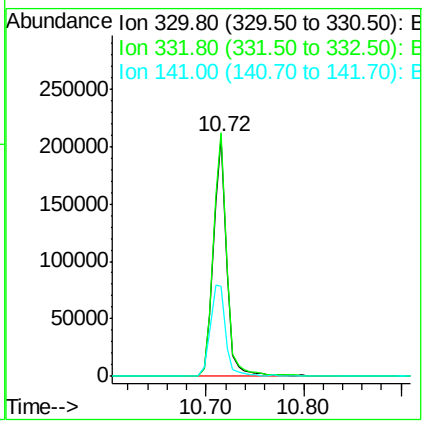


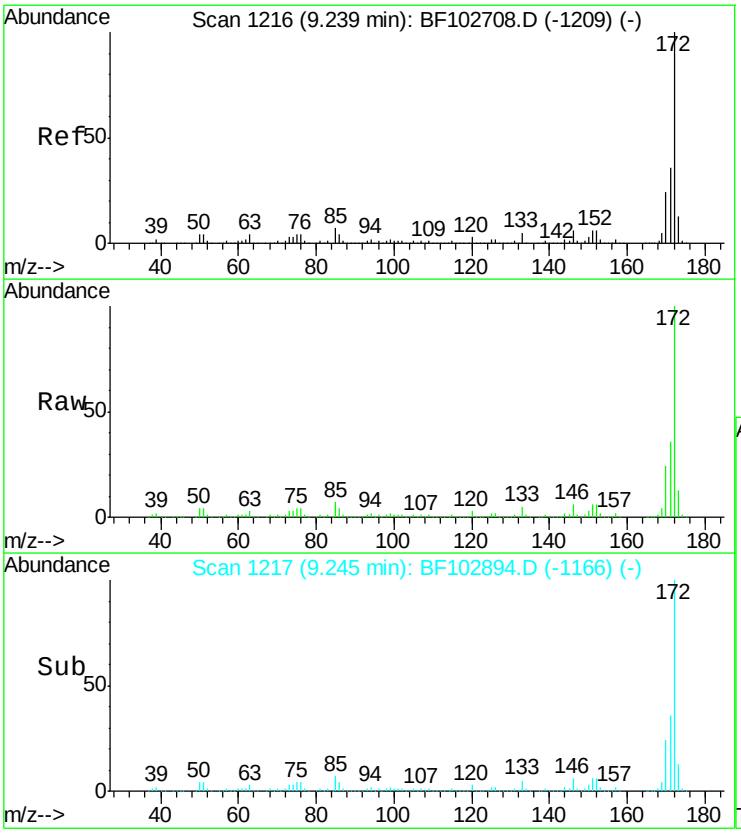
#41
2,4,6-Tribromophenol
Concen: 98.98 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 197895

Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.0	115.6
141	43.5	29.9	44.9

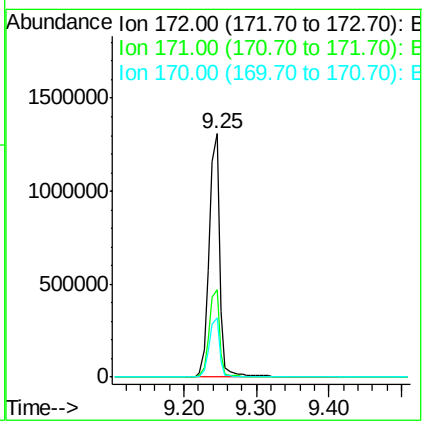


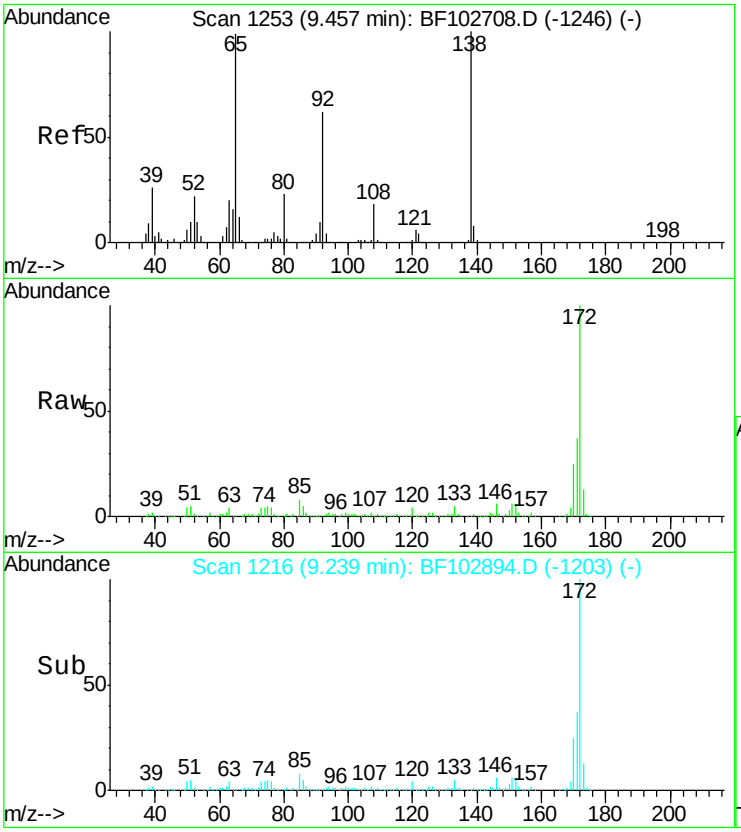


#44
2-Fluorobiphenyl
Concen: 89.64 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Tgt Ion:172 Resp: 1341798

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4



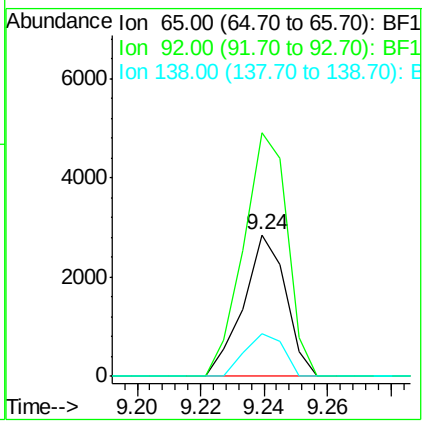


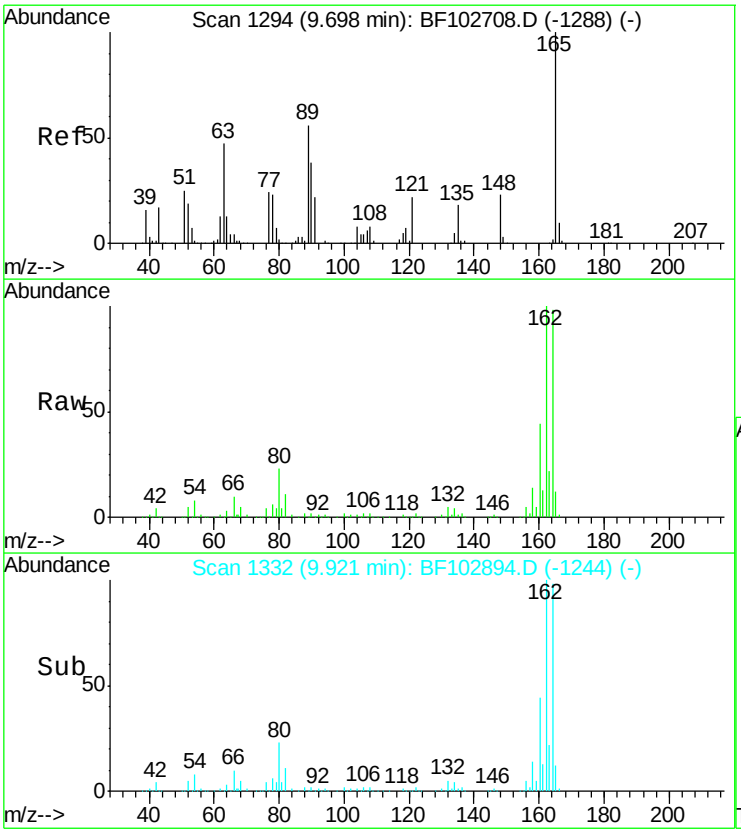
#47
2-Nitroaniline
Concen: 3.96 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 2649

Ion	Ratio	Lower	Upper
65	100		
92	171.6	55.8	83.6#
138	29.6	91.2	136.8#

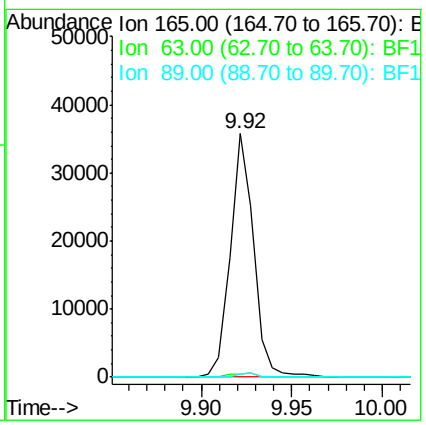


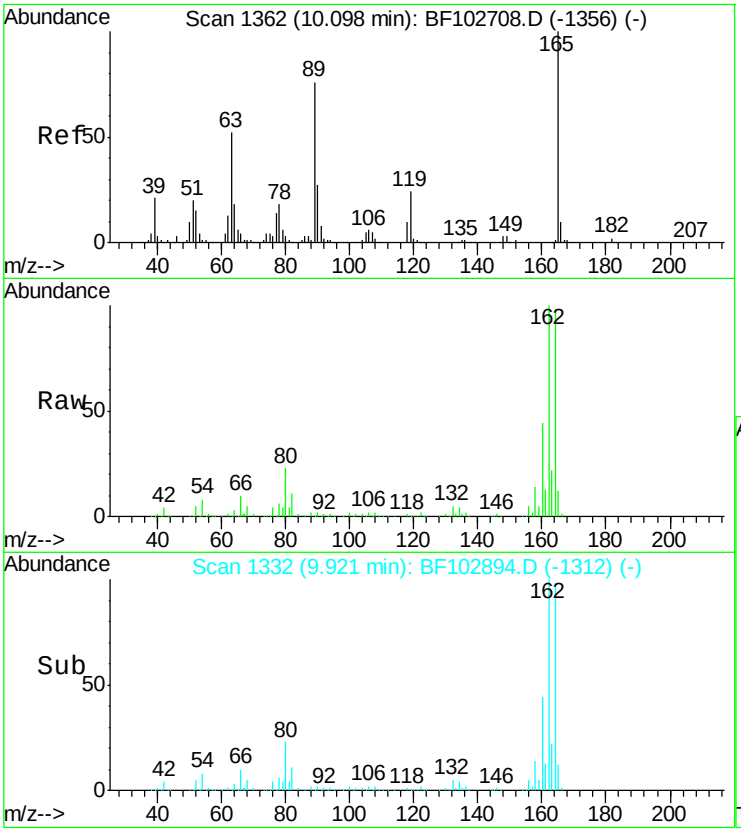


#50
2,6-Dinitrotoluene
Concen: 8.66 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Tgt Ion:165 Resp: 31927

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.3	44.0	66.0#



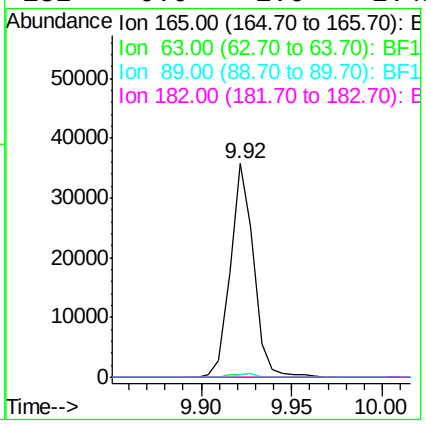


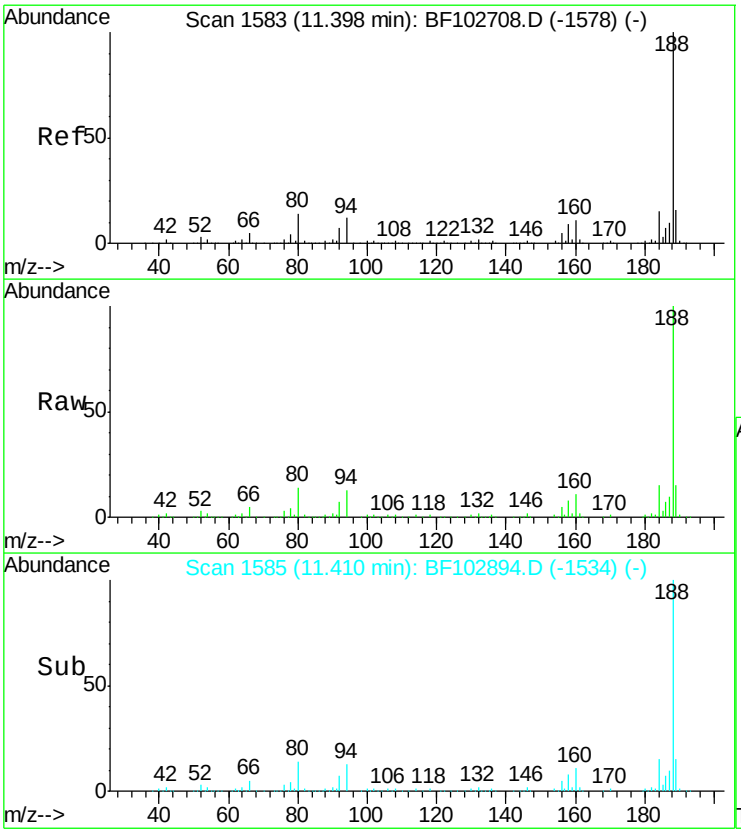
#56
2,4-Dinitrotoluene
Concen: 9.12 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31927

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

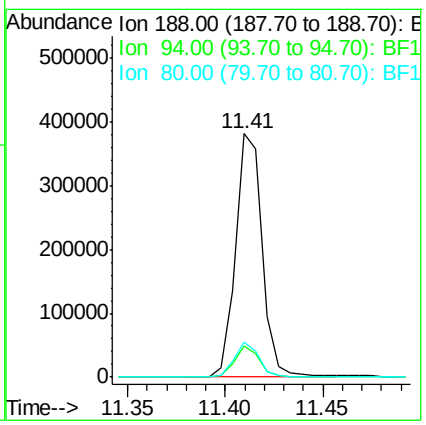


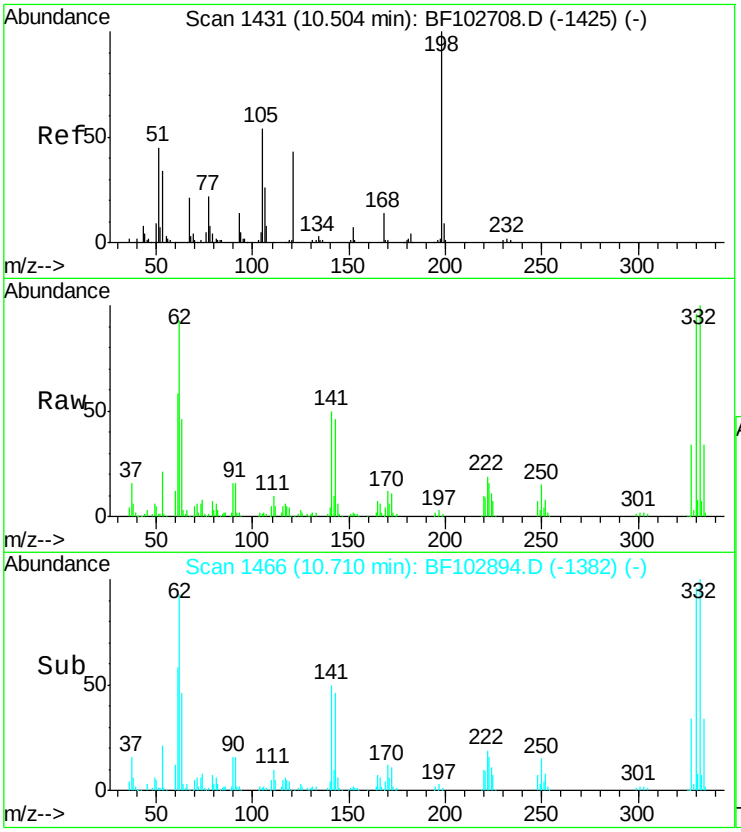


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Tgt Ion:188 Resp: 361067

Ion	Ratio	Lower	Upper
188	100		
94	12.7	8.5	12.7
80	14.1	9.2	13.8#



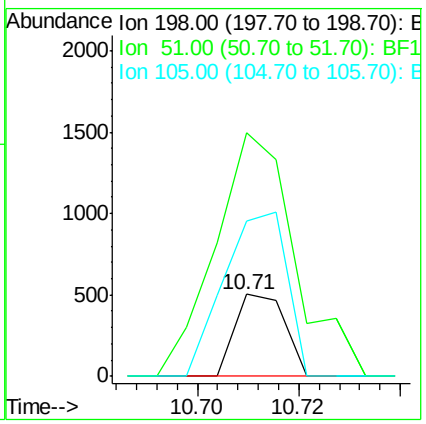


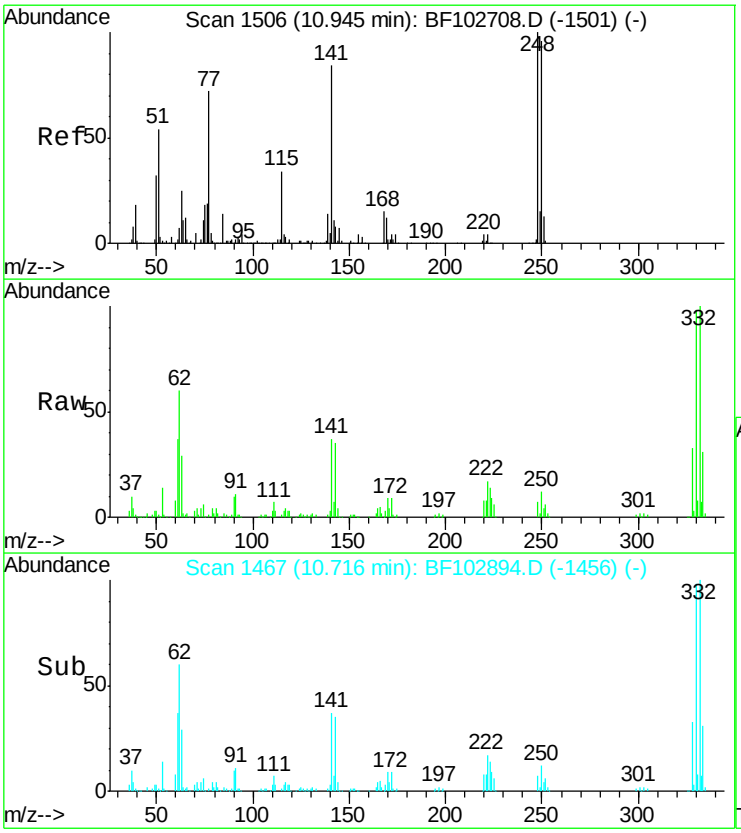
#64
4,6-Dinitro-2-methylphenol
Concen: 9.00 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 342

Ion	Ratio	Lower	Upper
198	100		
51	298.0	37.7	77.7#
105	189.8	36.3	76.3#

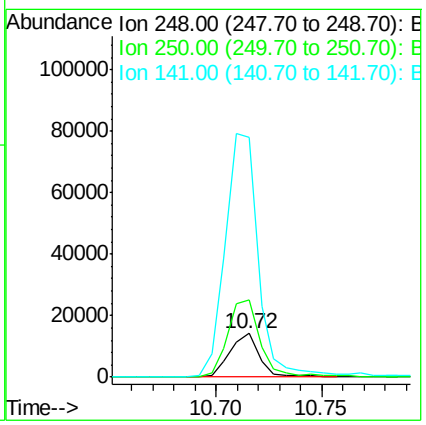


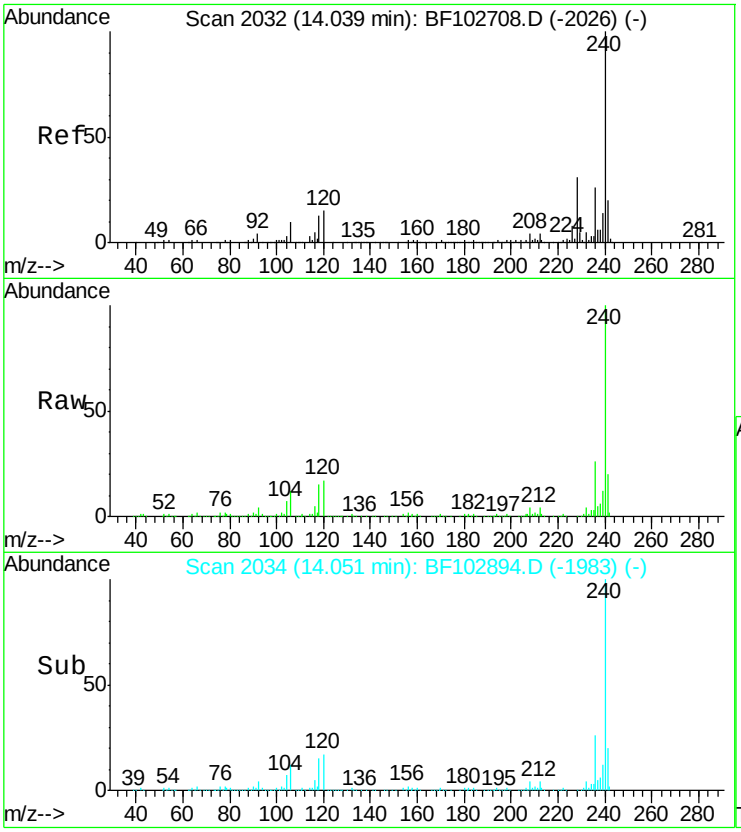


#66
4-Bromophenyl-phenylether
Concen: 3.61 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Tgt Ion:248 Resp: 13806

Ion	Ratio	Lower	Upper
248	100		
250	177.4	76.9	115.3#
141	548.6	74.4	111.6#



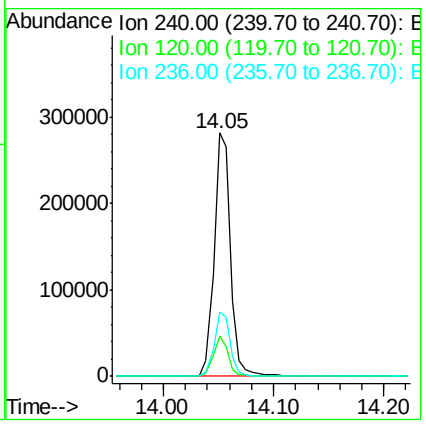


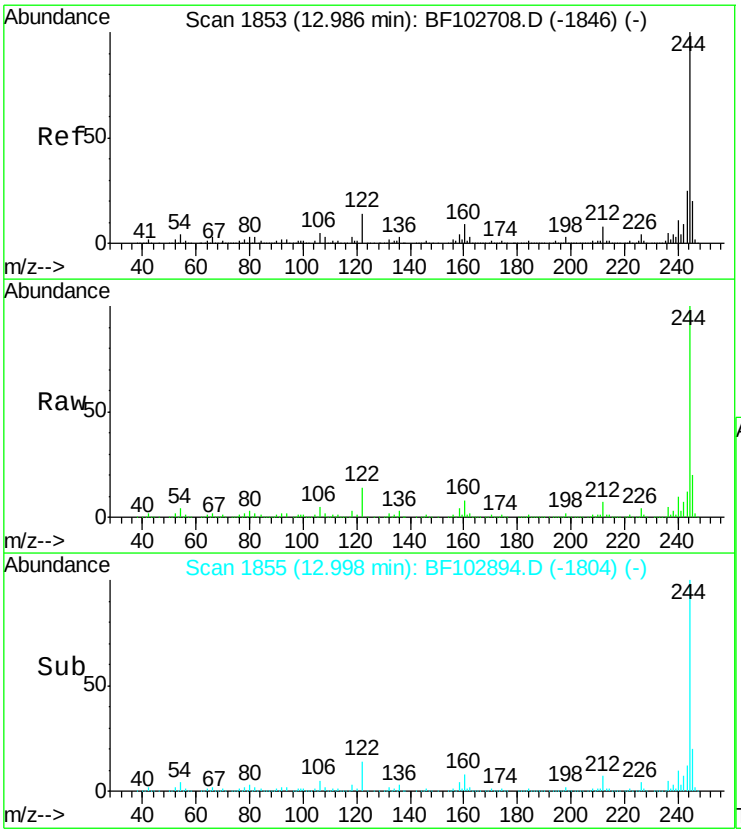
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 287762

Ion	Ratio	Lower	Upper
240	100		
120	16.6	9.5	14.3#
236	26.2	20.7	31.1

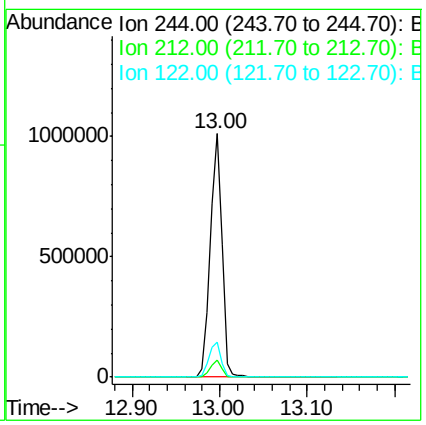


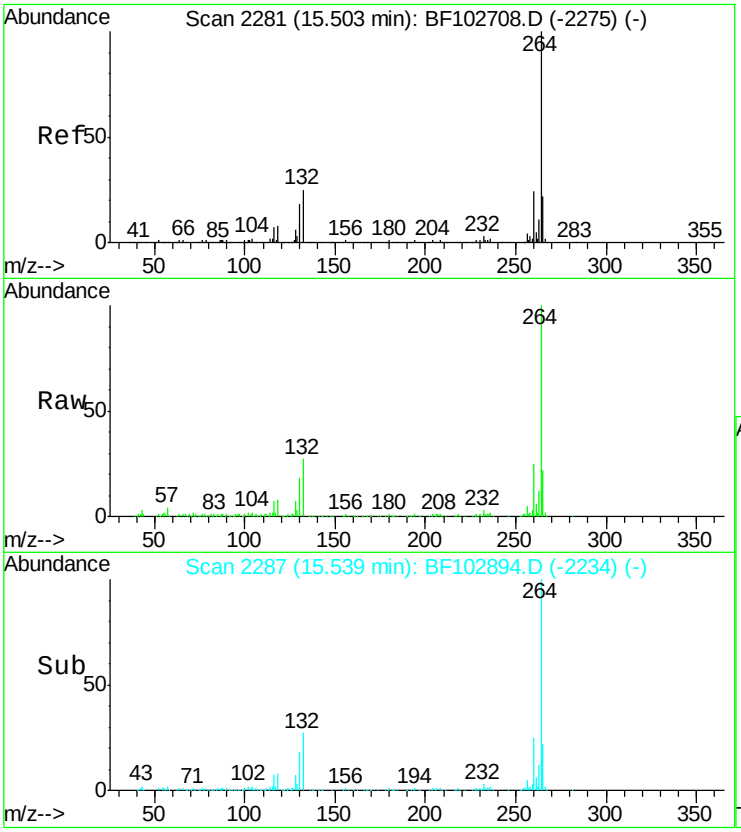


#78
Terphenyl-d14
Concen: 77.78 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Tgt Ion:244 Resp: 945330

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.2	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 268529

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.9	17.5	26.3