Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
Data File : BF102866.D
Acq On : 8 Feb 2018 19:49
Operator : SJ/JU
Sample : J1470-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 09 00:24:28 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	183126	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	733530	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	288428	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	398577	20.00	ng		0.00
75) Chrysene-d12	14.05	240	331526	20.00	ng		0.00
86) Perylene-d12	15.54	264	279062	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1261673	104.63	ng		0.01
7) Phenol-d6	6.52	99	1499859	103.30	ng		0.01
23) Nitrobenzene-d5	7.45	82	973658	92.08	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	210252	90.57	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1196751	68.85	ng		0.00
78) Terphenyl-d14	13.00	244	786476	56.17	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	40723	2.62	ng	#	45
19) n-Nitroso-di-n-propylamine	7.45	70	136992	14.31	ng	#	83
25) Isophorone	7.45	82	973649	39.99	ng	#	64
47) 2-Nitroaniline	9.57	65	864	3.61	ng	#	33
49) Dimethylphthalate	9.63	163	155982	6.94	ng		98
55) 4-Nitrophenol	9.95	139	118	4.05	ng	#	1
56) 2,4-Dinitrotoluene	9.92	165	36367	9.01	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.71	198	448	9.04	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	14813	3.51	ng	#	1

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

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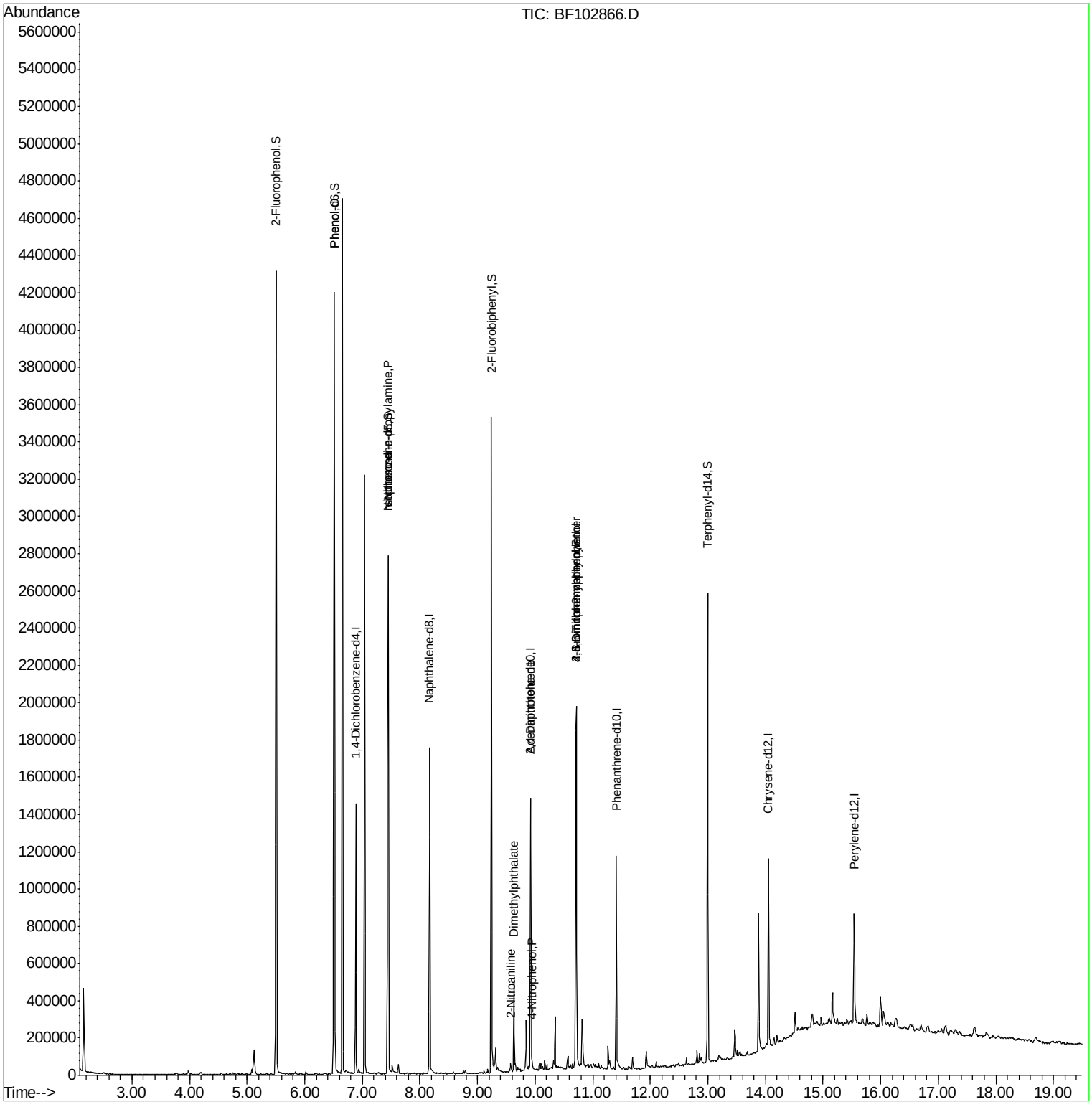
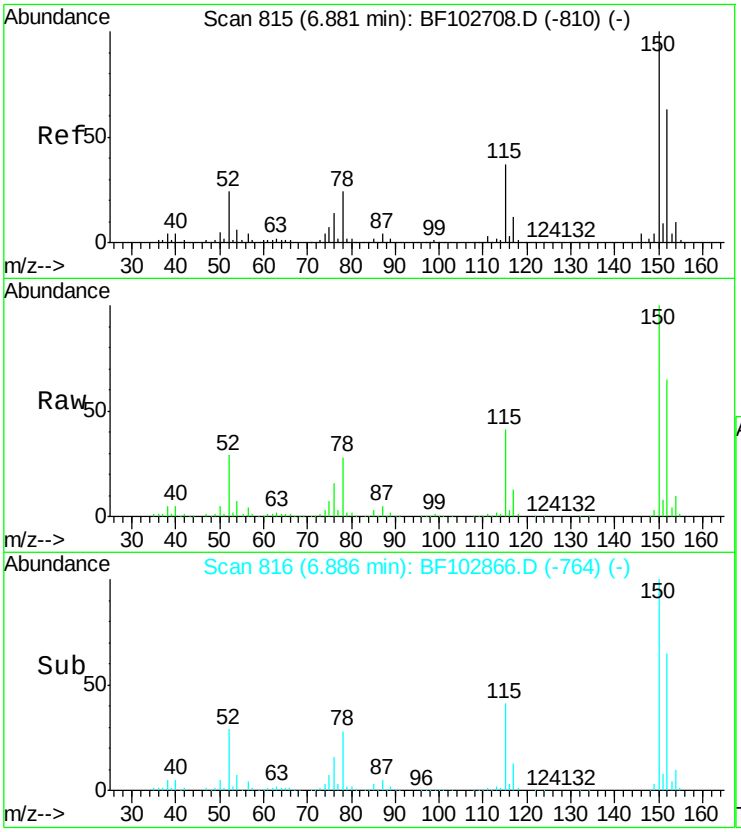


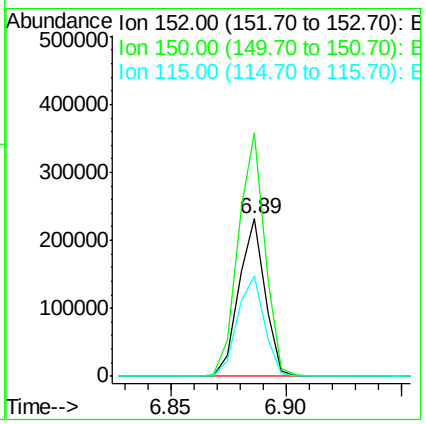


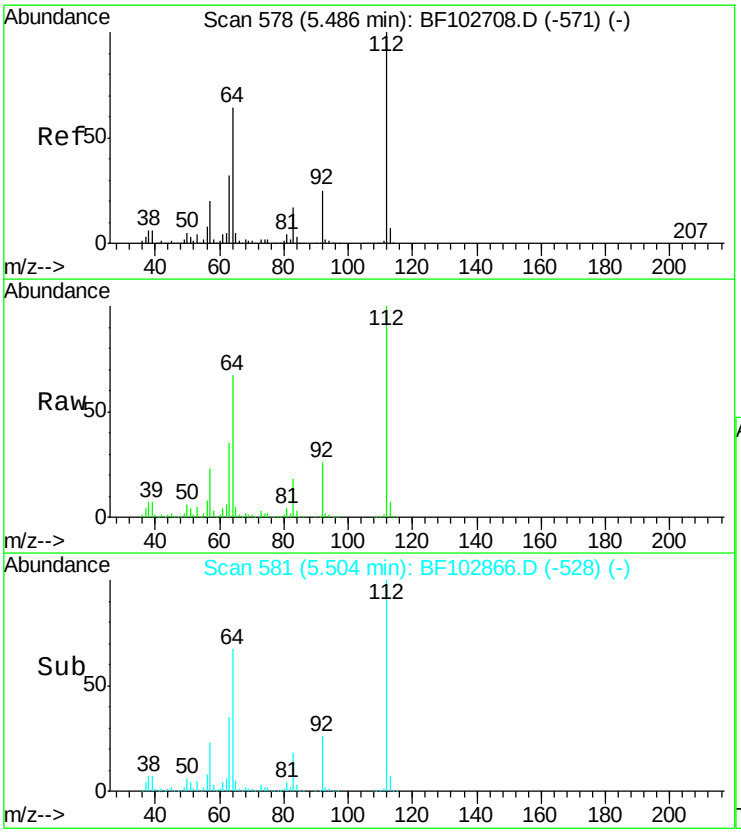
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 183126

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	63.6	50.1	75.1

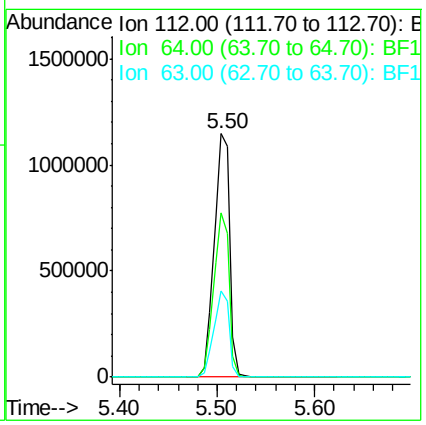


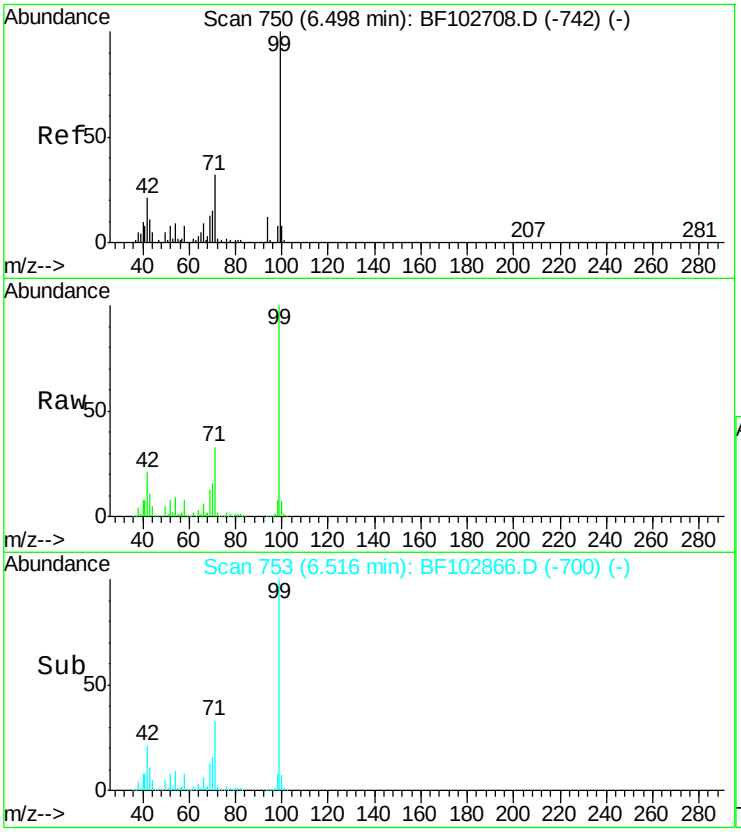


#5
2-Fluorophenol
Concen: 104.63 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Tgt Ion:112 Resp: 1261673

Ion	Ratio	Lower	Upper
112	100		
64	67.5	47.9	71.9
63	35.3	23.7	35.5



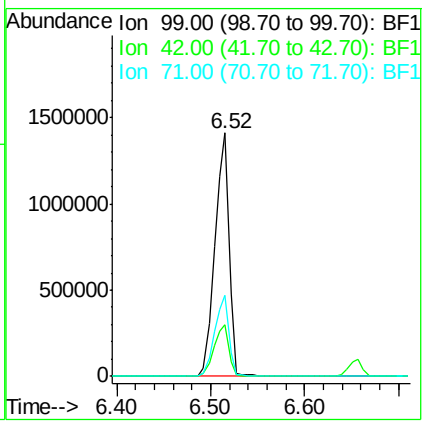


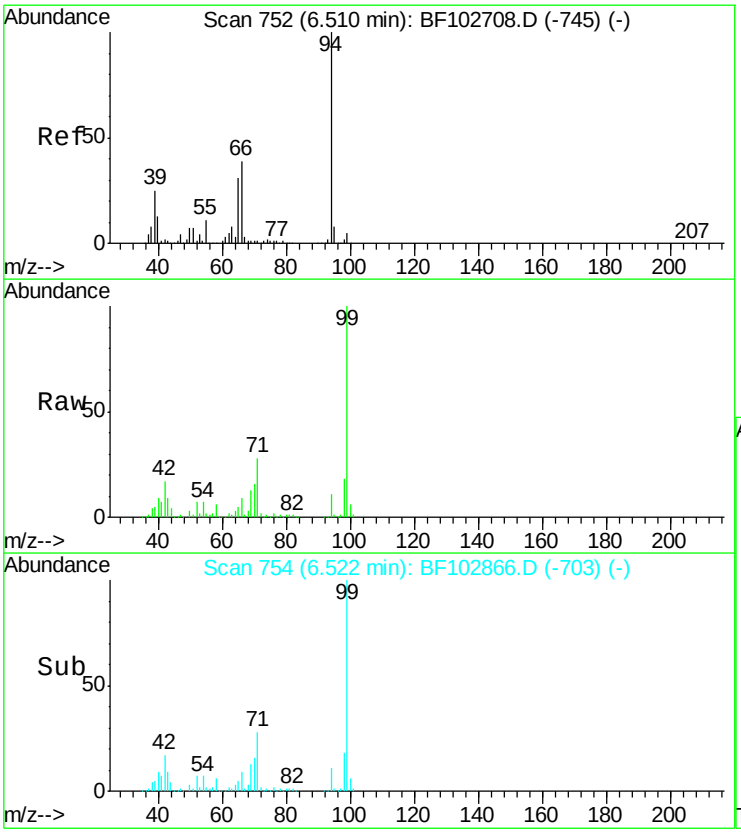
#7
Phenol-d6
Concen: 103.30 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1499859

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	33.2	25.4	38.0

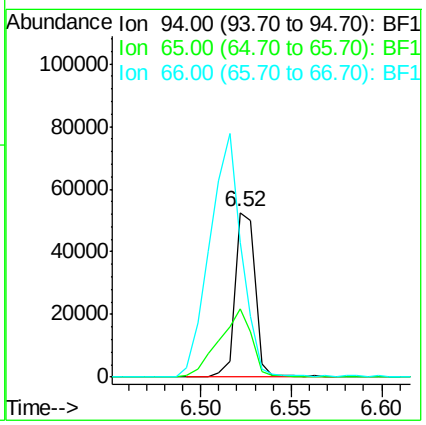


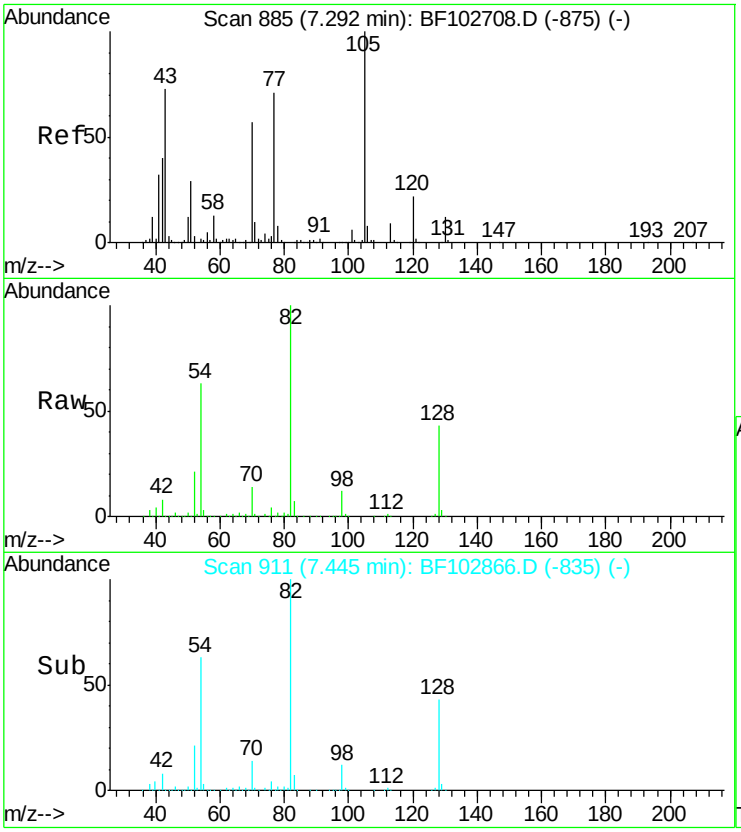


#10
Phenol
Concen: 2.62 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Tgt Ion: 94 Resp: 40723

Ion	Ratio	Lower	Upper
94	100		
65	41.7	7.9	47.9
66	81.7	16.2	56.2#



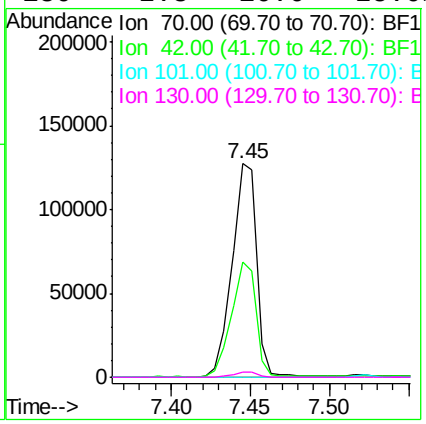


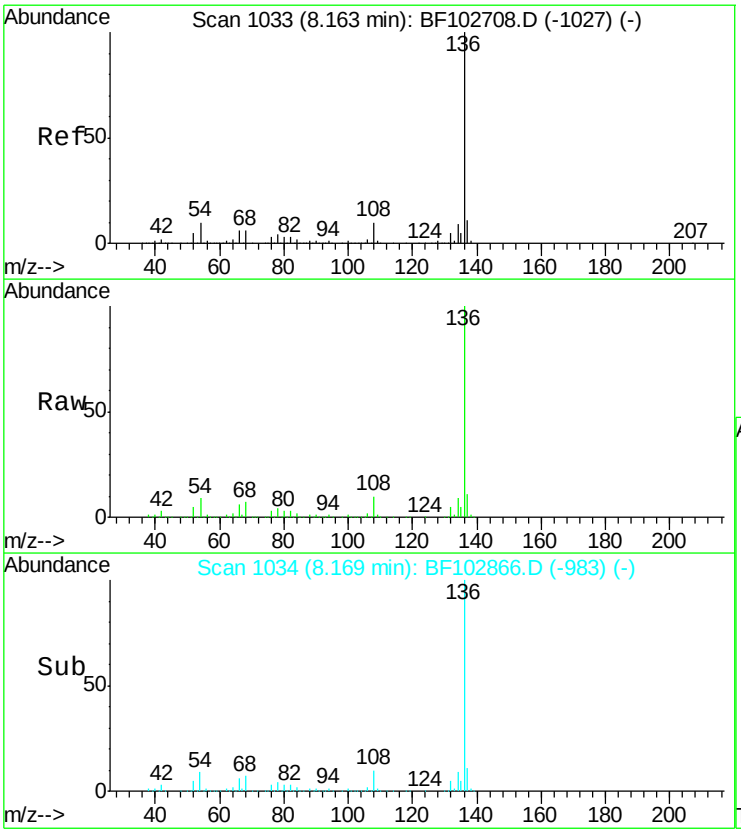
#19
n-Nitroso-di-n-propylamine
Concen: 14.31 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 136992

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

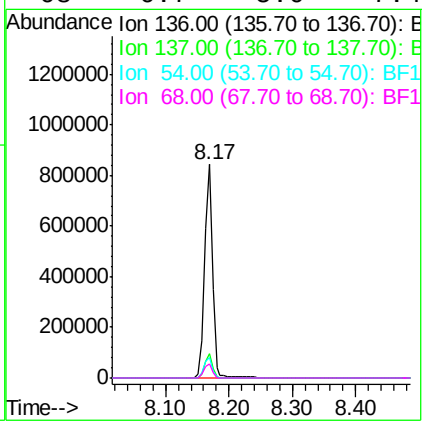


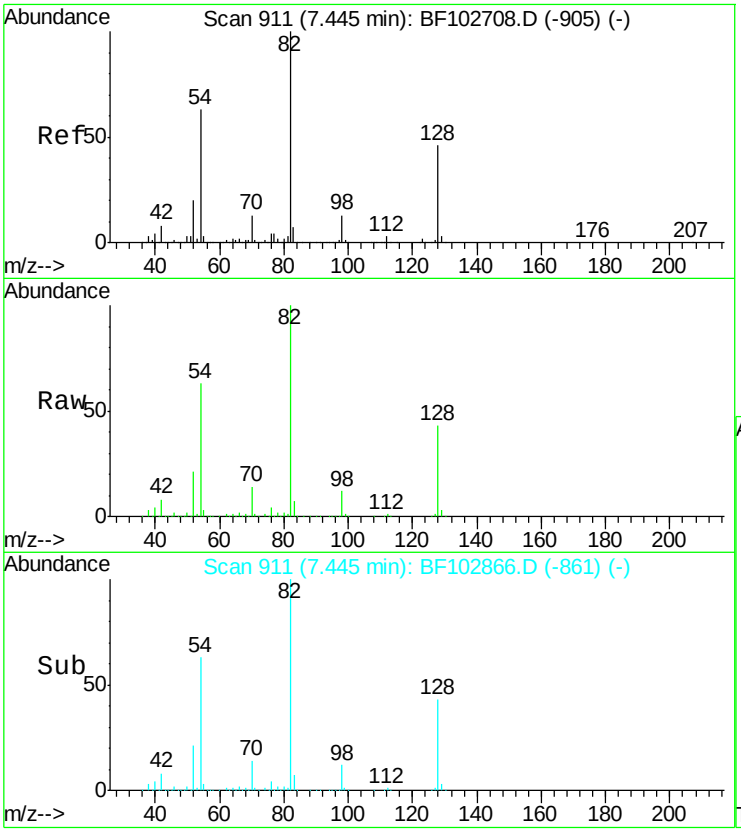


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Tgt Ion:136 Resp: 733530

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	6.6	9.8
68	6.7	5.0	7.4



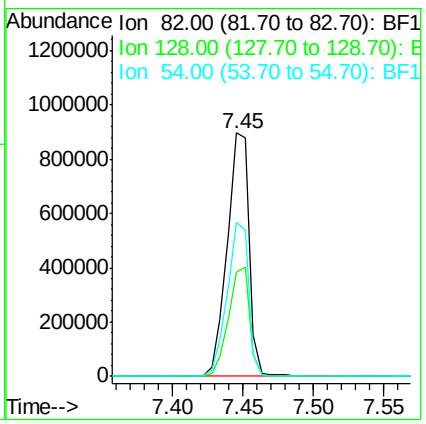


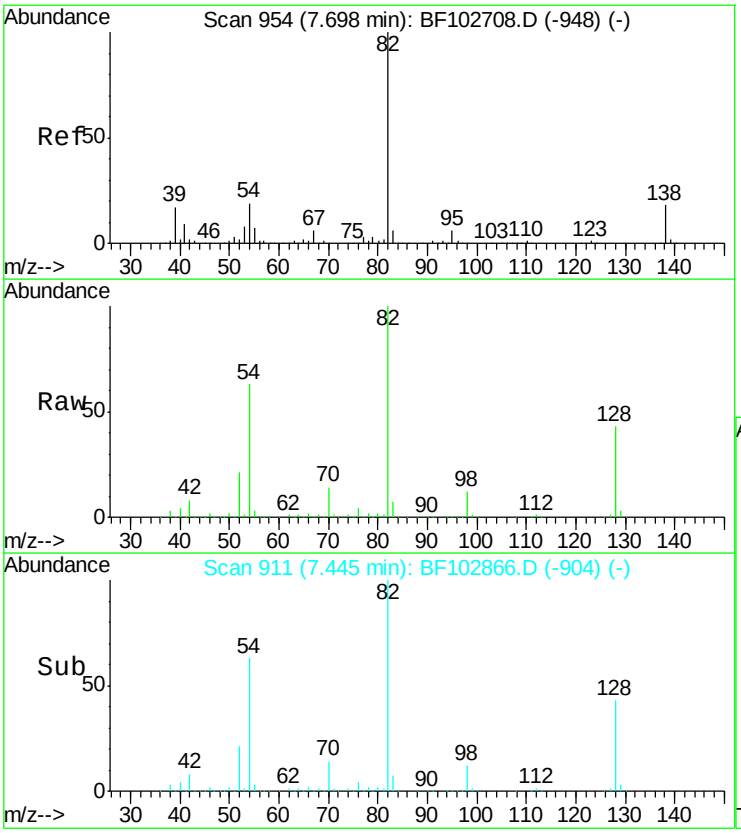
#23
Nitrobenzene-d5
Concen: 92.08 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 973658

Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	63.1	41.4	62.2#

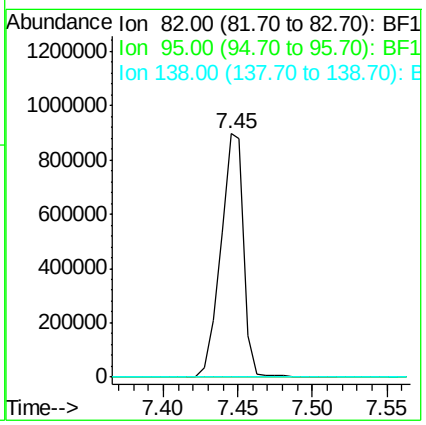


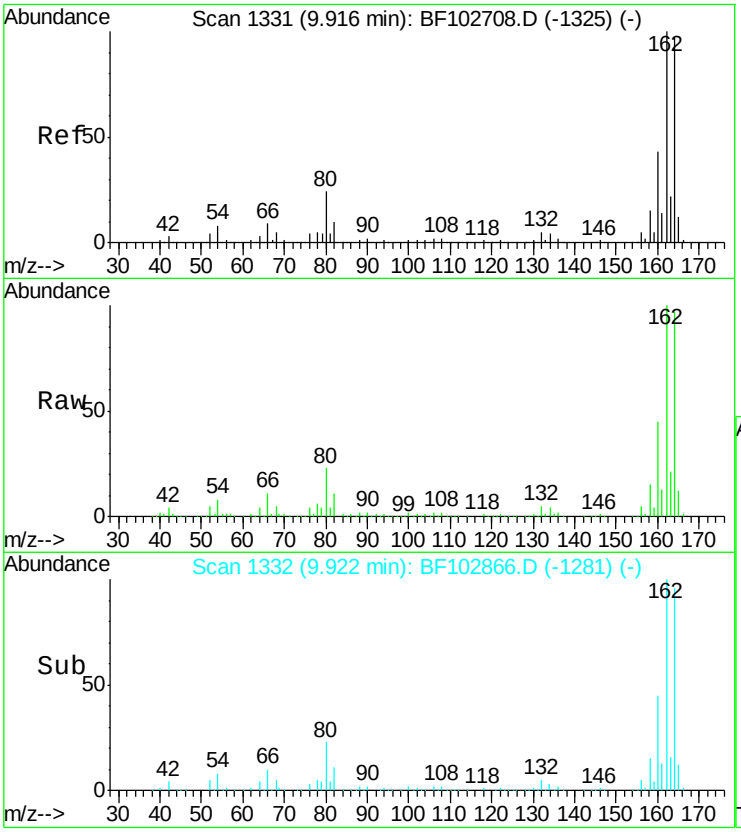


#25
Isophorone
Concen: 39.99 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Tgt Ion: 82 Resp: 973649

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



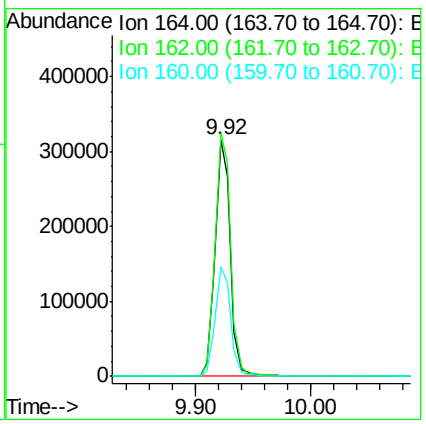


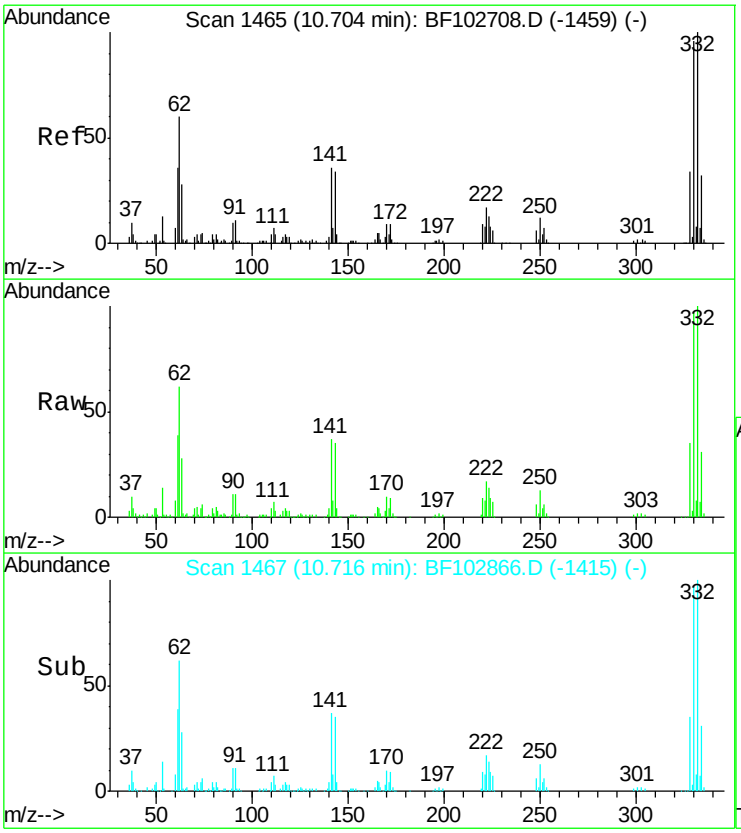
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 288428

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.4	38.3	57.5

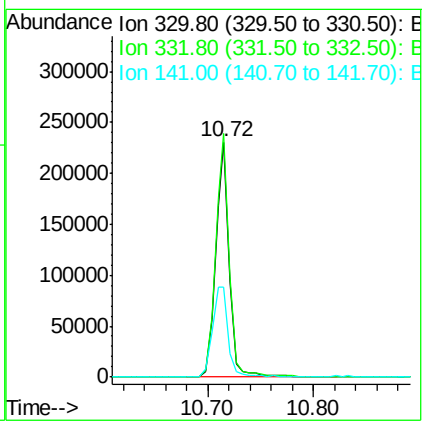


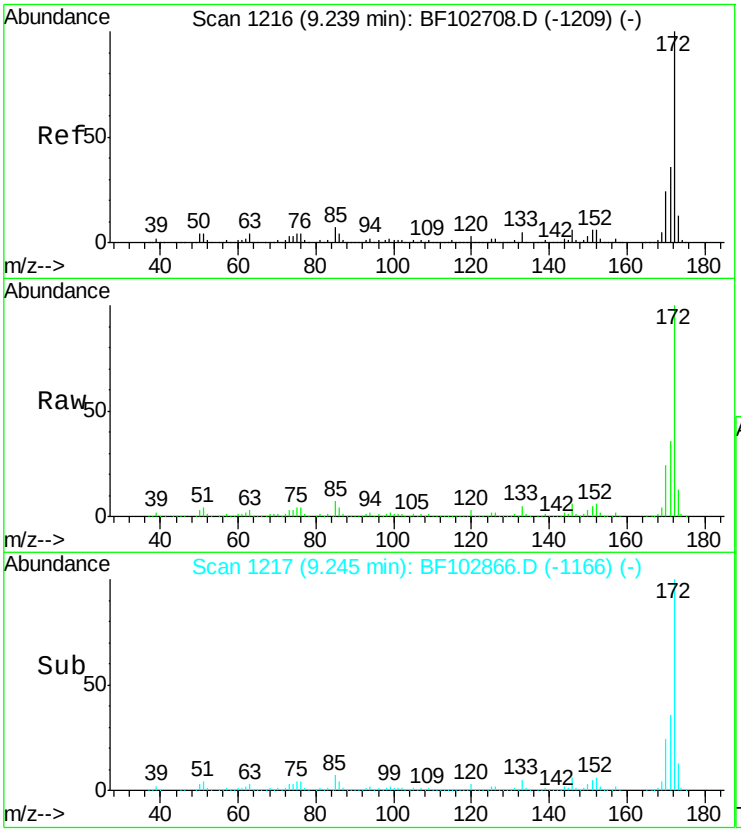


#41
2,4,6-Tribromophenol
Concen: 90.57 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Tgt Ion:330 Resp: 210252

Ion	Ratio	Lower	Upper
330	100		
332	104.6	77.0	115.6
141	45.5	29.9	44.9#



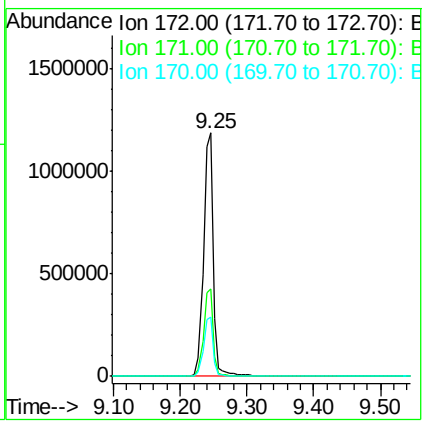


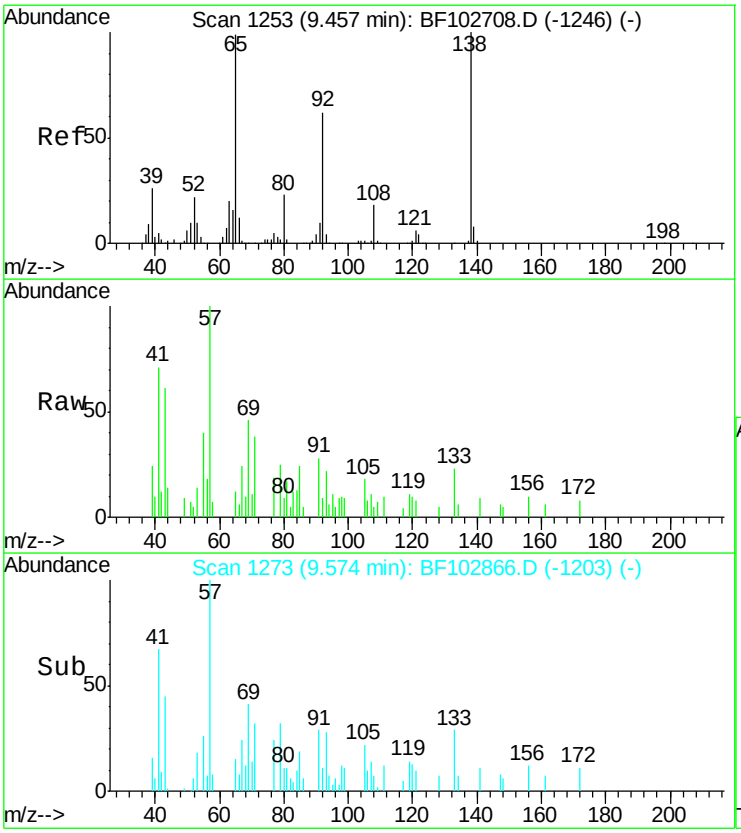
#44
2-Fluorobiphenyl
Concen: 68.85 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1196751

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

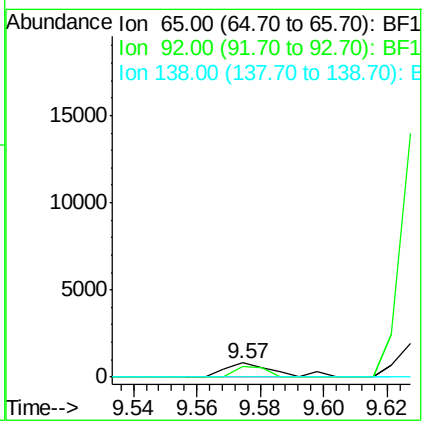


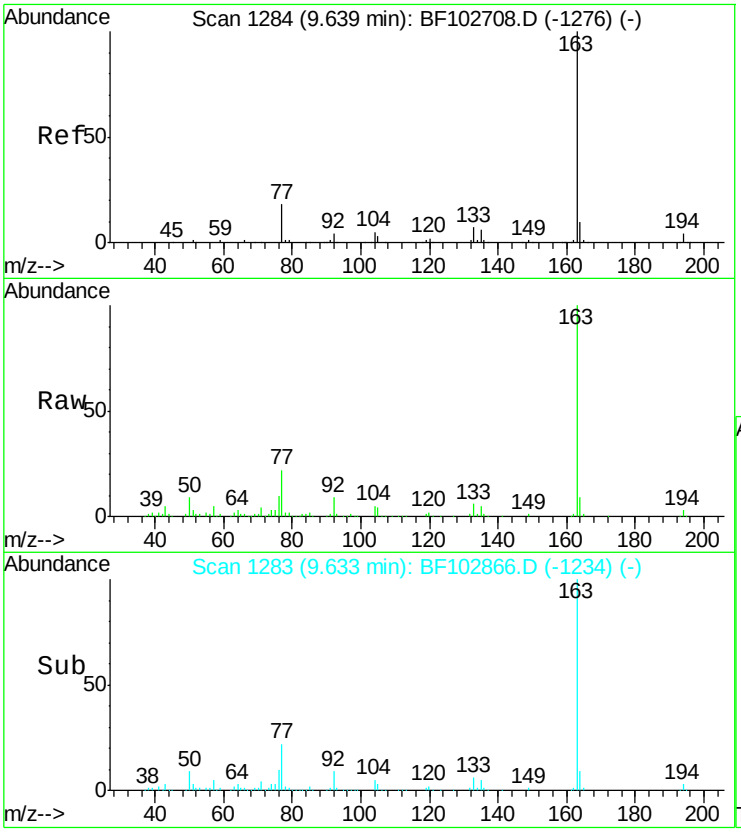


#47
2-Nitroaniline
Concen: 3.61 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.11 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Tgt Ion: 65 Resp: 864

Ion	Ratio	Lower	Upper
65	100		
92	73.8	55.8	83.6
138	0.0	91.2	136.8#



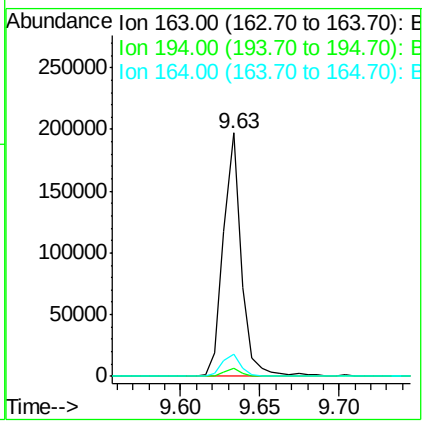


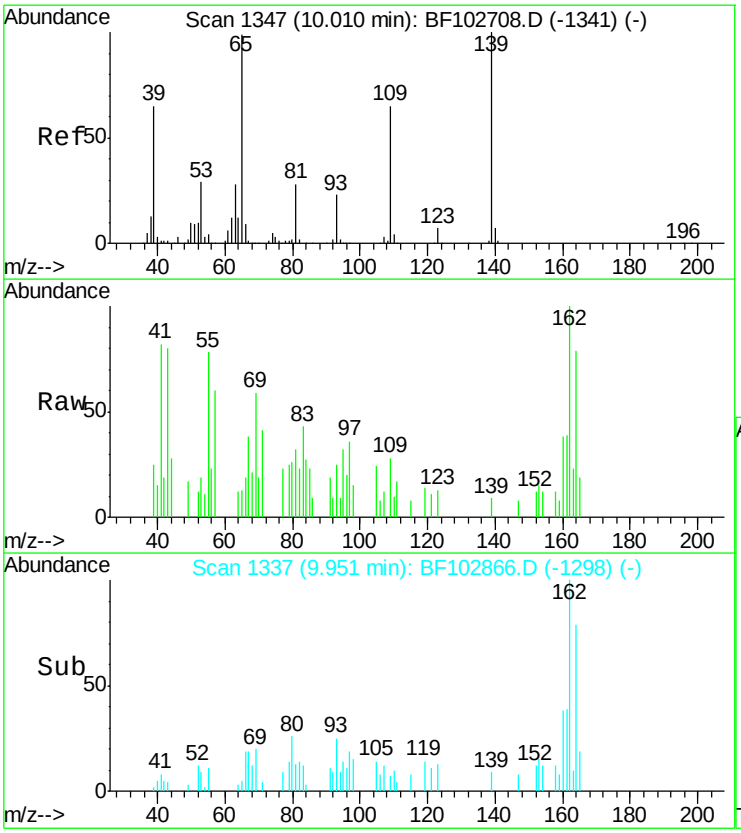
#49
Dimethylphthalate
Concen: 6.94 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 155982

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.3	8.2	12.2

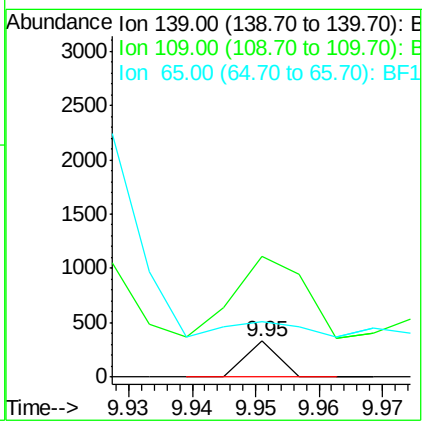


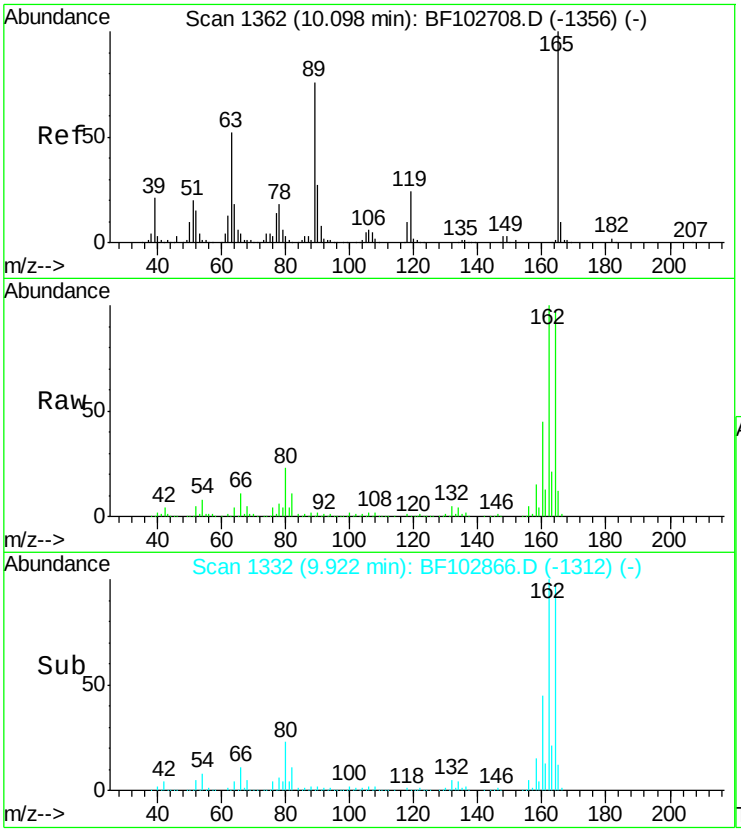


#55
4-Nitrophenol
Concen: 4.05 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.07 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Tgt Ion:139 Resp: 118

Ion	Ratio	Lower	Upper
139	100		
109	332.1	48.4	88.4#
65	153.5	72.6	112.6#



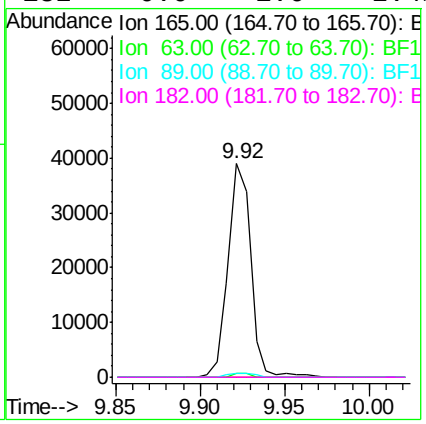


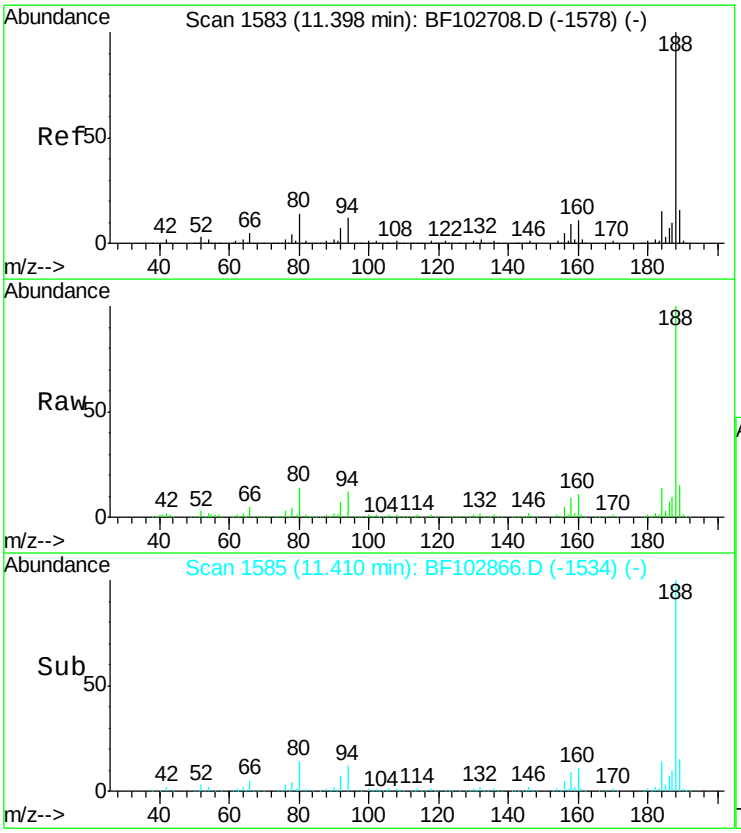
#56
2,4-Dinitrotoluene
Concen: 9.01 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36367

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

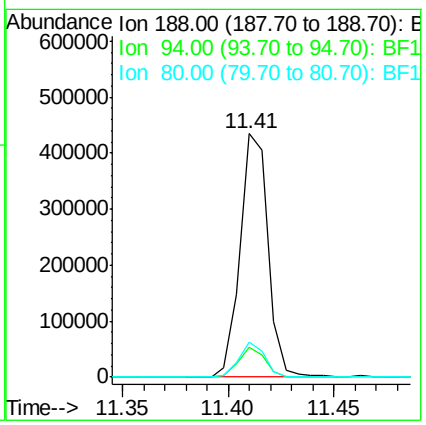


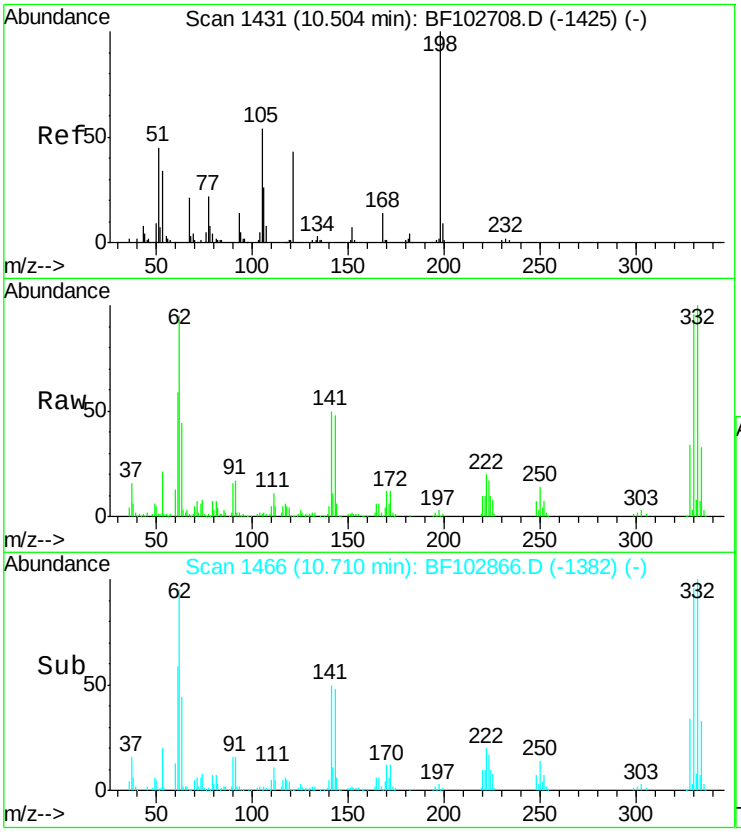


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Tgt Ion:188 Resp: 398577

Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.5	12.7
80	14.2	9.2	13.8#



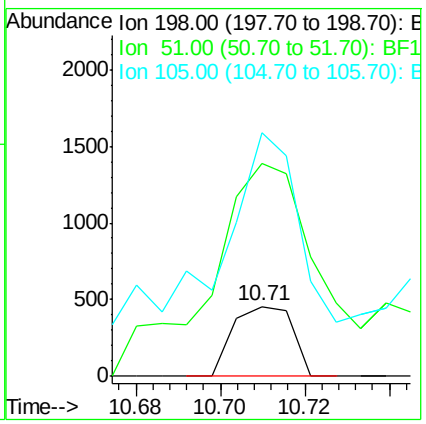


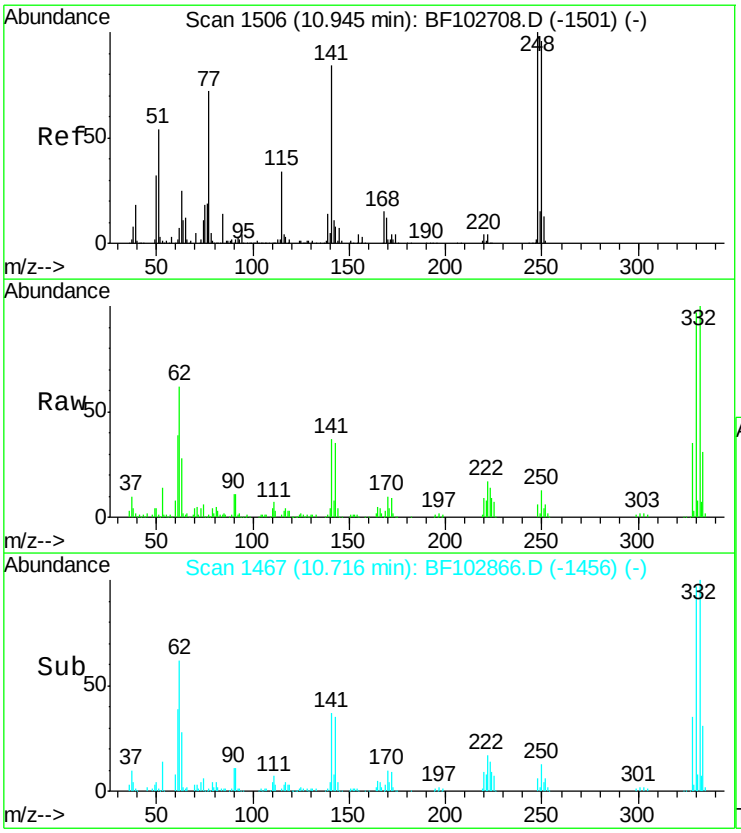
#64
4,6-Dinitro-2-methylphenol
Concen: 9.04 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 448

Ion	Ratio	Lower	Upper
198	100		
51	304.6	37.7	77.7#
105	348.2	36.3	76.3#

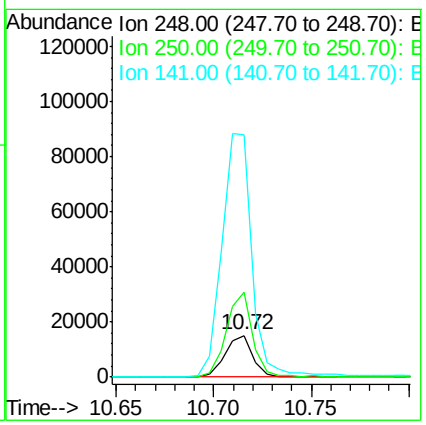


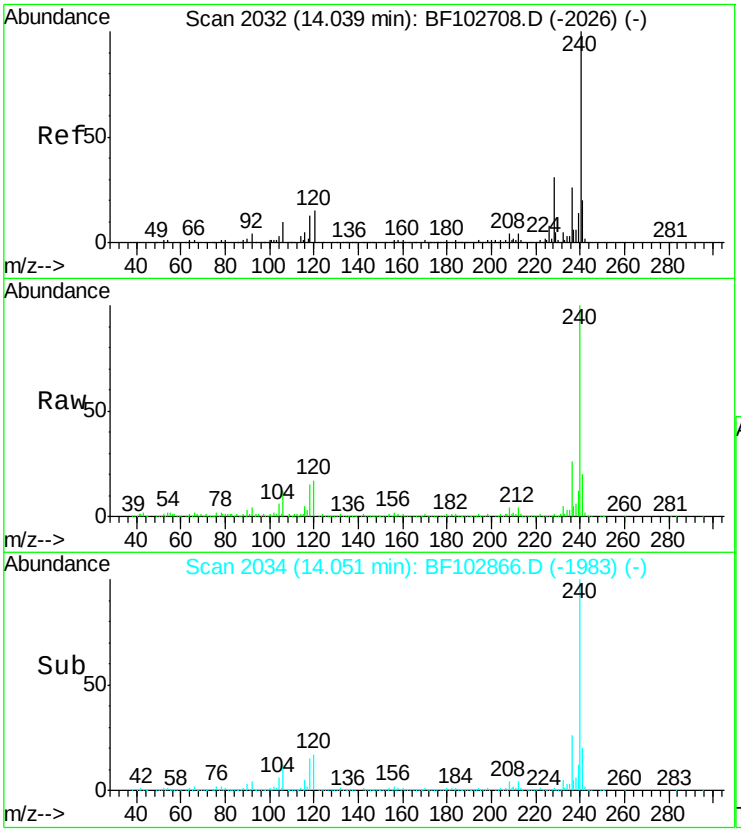


#66
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Tgt Ion:248 Resp: 14813

Ion	Ratio	Lower	Upper
248	100		
250	203.7	76.9	115.3#
141	582.2	74.4	111.6#



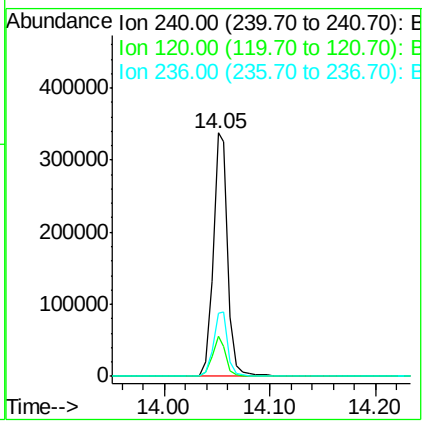


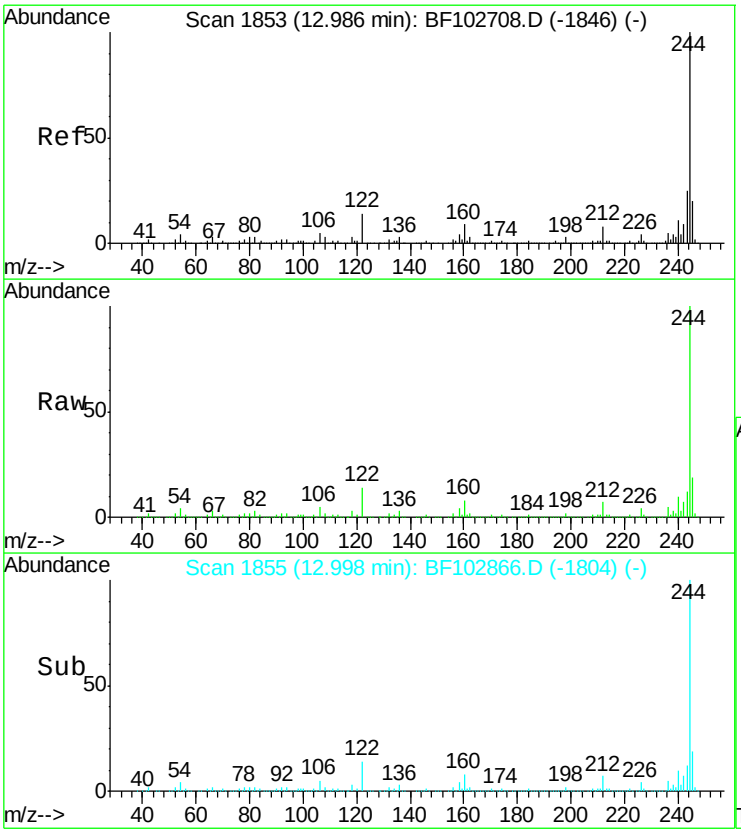
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 331526

Ion	Ratio	Lower	Upper
240	100		
120	16.7	9.5	14.3#
236	25.7	20.7	31.1

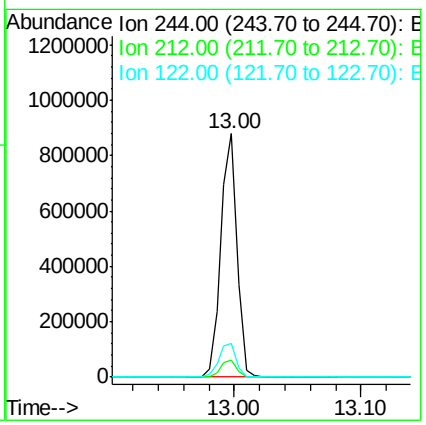


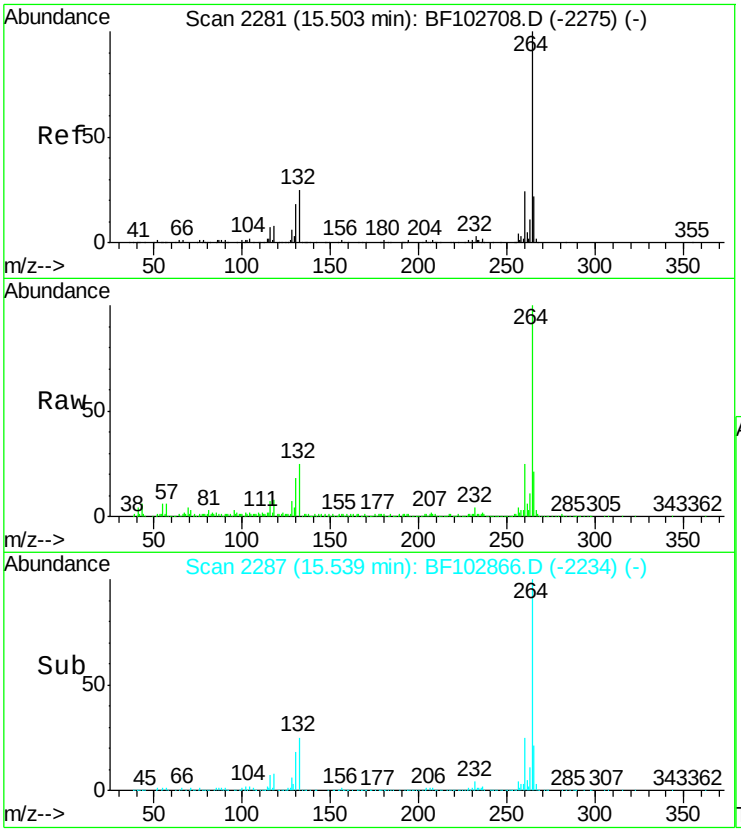


#78
Terphenyl-d14
Concen: 56.17 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102866.D
Acq: 8 Feb 2018 19:49

Tgt Ion:244 Resp: 786476

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.0	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: BF102866.D
Acq: 8 Feb 2018 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 279062

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.3	17.5	26.3