Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103142.D
Acq On : 21 Feb 2018 17:52
Operator : SJ/JU
Sample : J1623-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-4

Quant Time: Feb 22 00:36:02 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	166620	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	686759	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	280934	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	408345	20.00	ng		0.00
75) Chrysene-d12	14.05	240	292460	20.00	ng		0.00
86) Perylene-d12	15.54	264	225271	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1304924	118.94	ng		0.01
7) Phenol-d6	6.52	99	1559901	118.08	ng		0.00
23) Nitrobenzene-d5	7.45	82	987293	99.73	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	263967	116.74	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1450003	85.65	ng		0.00
78) Terphenyl-d14	12.99	244	1007058	81.53	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	27197	2.772	ng		84
19) n-Nitroso-di-n-propylamine	7.45	70	130735	15.010	ng	#	79
25) Isophorone	7.45	82	987285	43.310	ng	#	64
47) 2-Nitroaniline	9.34	65	107	3.489	ng	#	2
49) Dimethylphthalate	9.63	163	146523	6.689	ng		100
56) 2,4-Dinitrotoluene	9.92	165	34867	8.914	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.71	198	203	8.903	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	17367	4.021	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 21 Feb 2018 17:52
Operator : SJ/JU
Sample : J1623-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-4

Quant Time: Feb 22 00:36:02 2018
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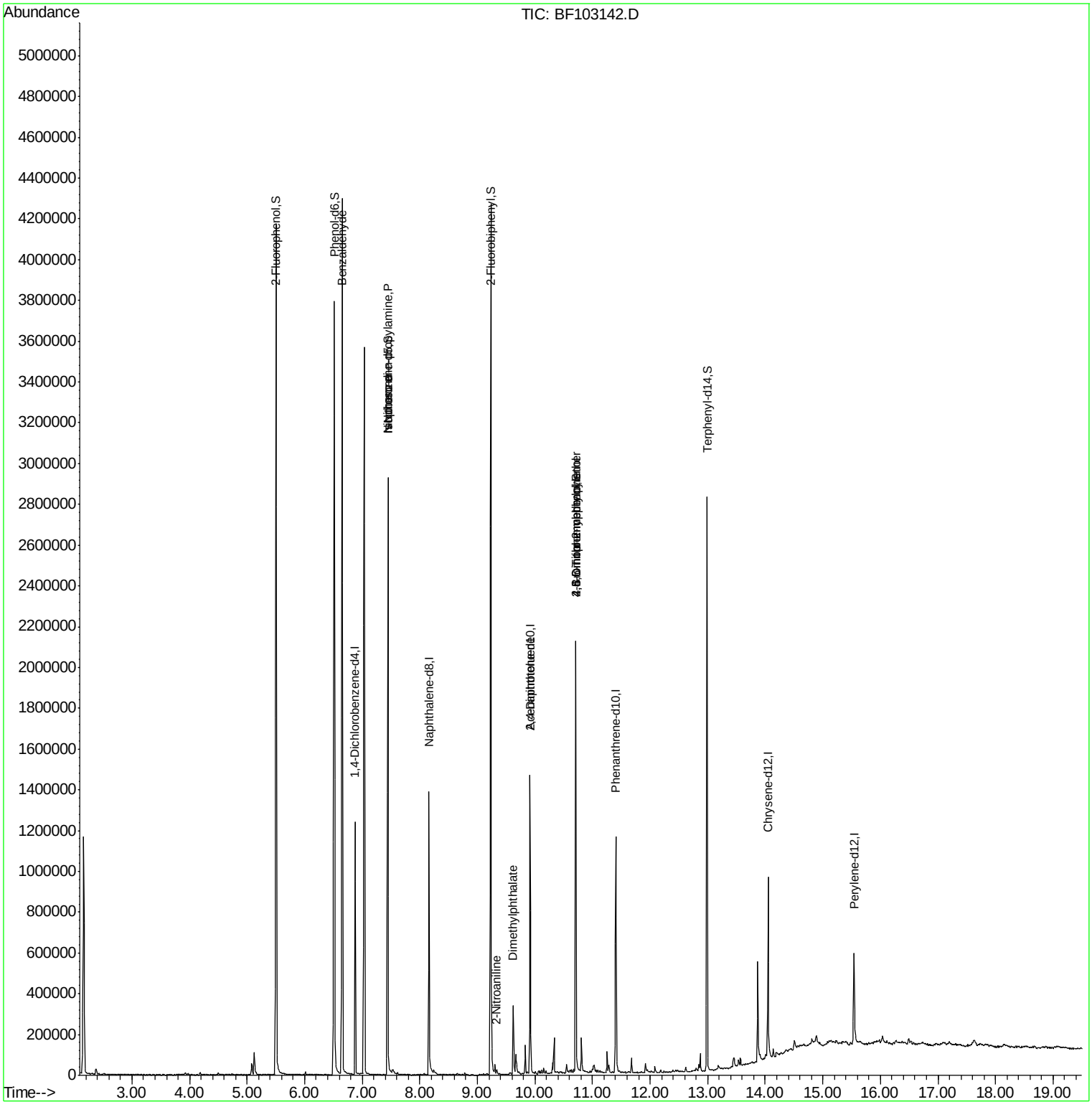
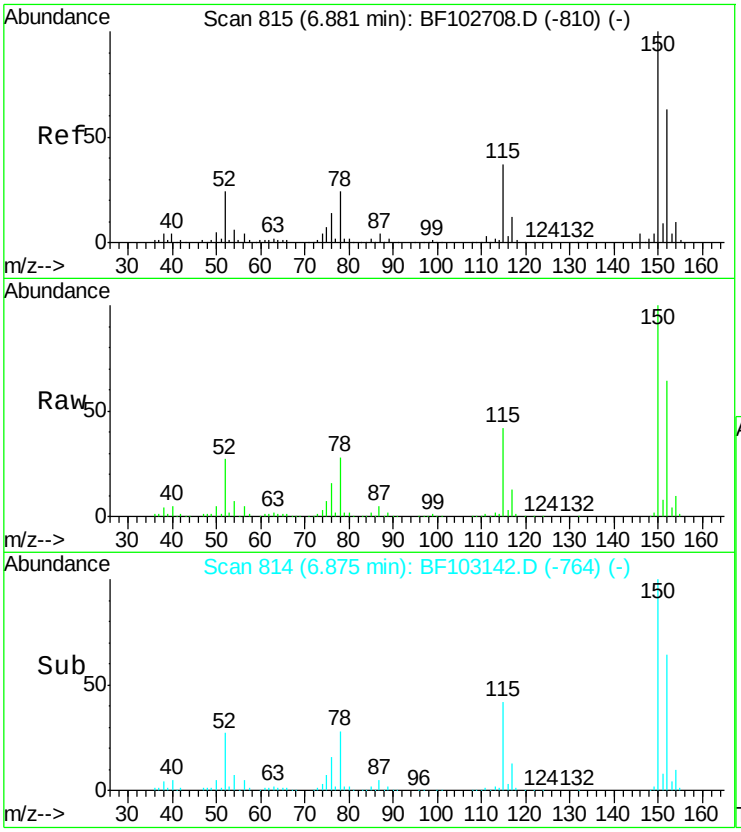


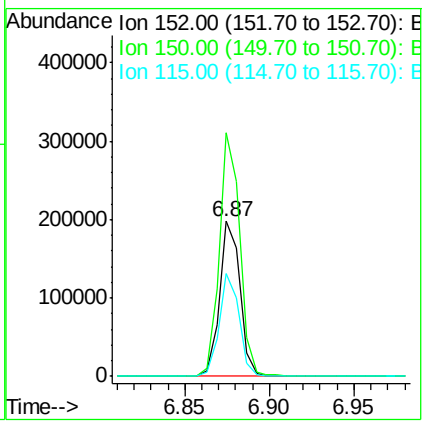


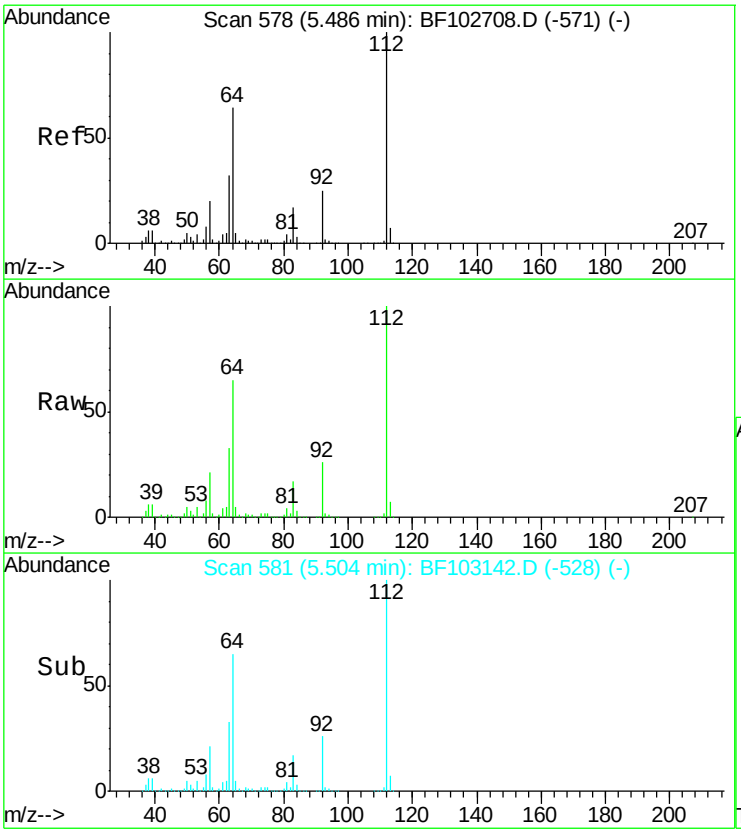
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Instrument :
BNA_F
ClientSampleId :
TP-3-4

Tgt Ion:152 Resp: 166620

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	66.2	50.1	75.1

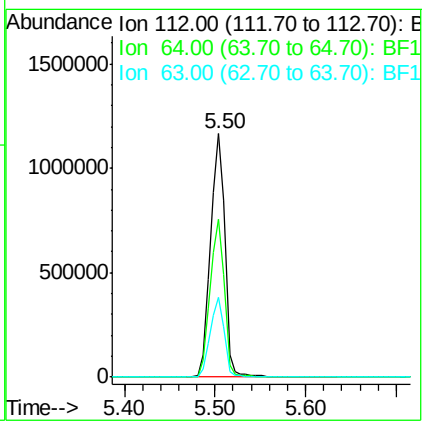


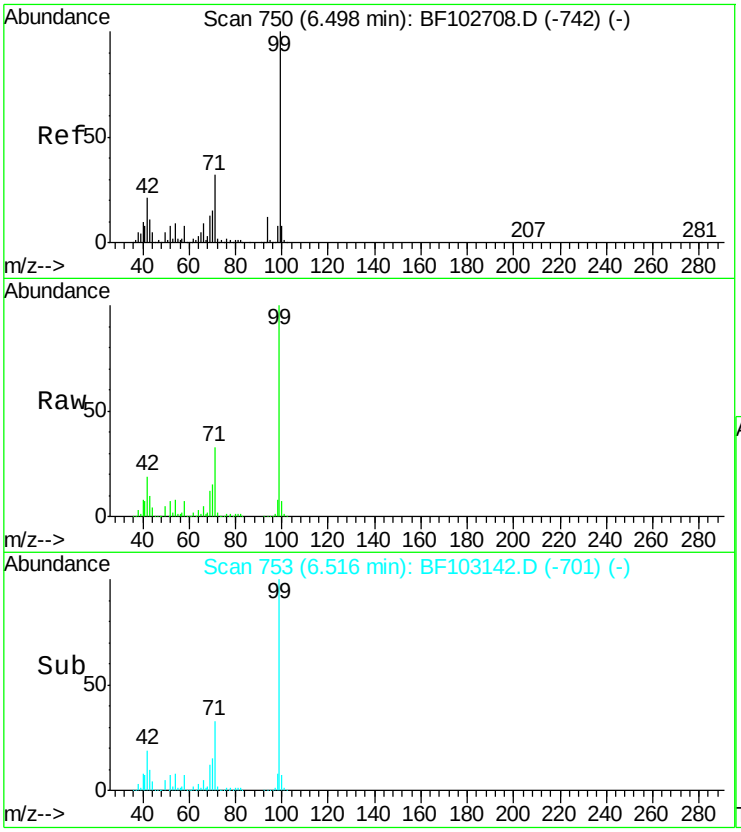


#5
2-Fluorophenol
Concen: 118.938 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion:112 Resp: 1304924

Ion	Ratio	Lower	Upper
112	100		
64	65.1	47.9	71.9
63	32.7	23.7	35.5



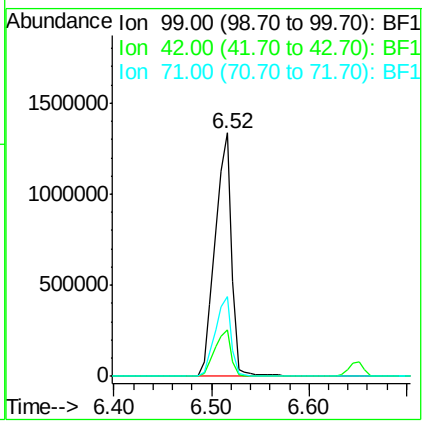


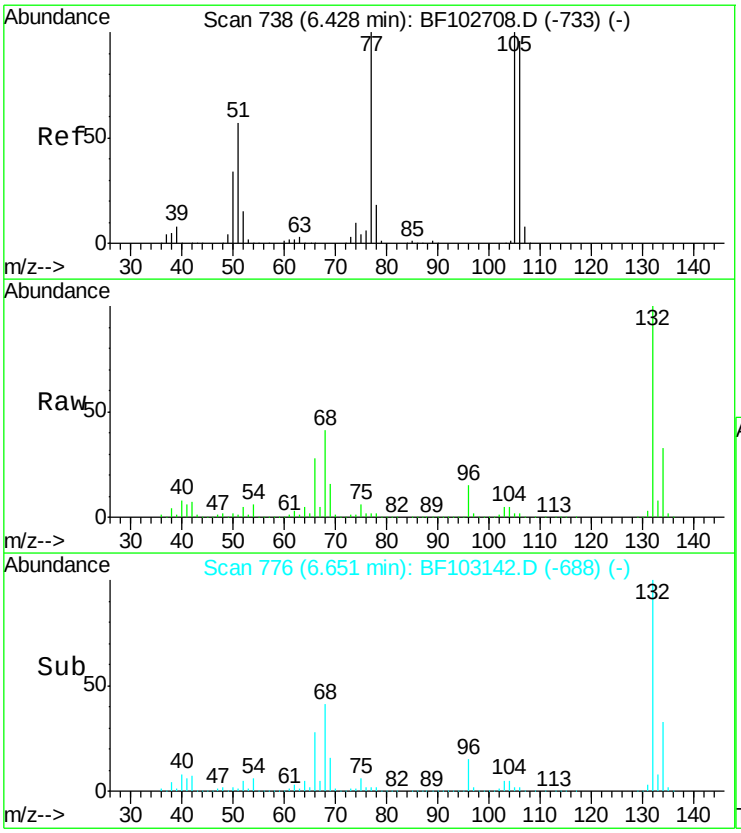
#7
Phenol-d6
Concen: 118.081 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Instrument :
BNA_F
ClientSampleId :
TP-3-4

Tgt Ion: 99 Resp: 1559901

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	32.7	25.4	38.0

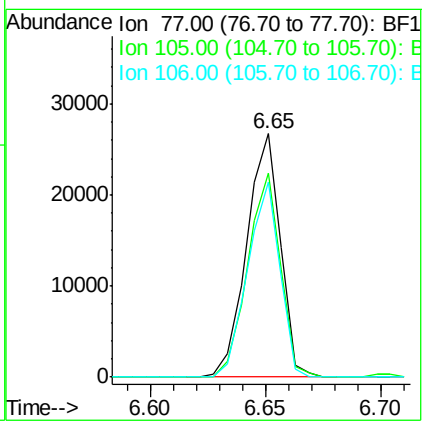


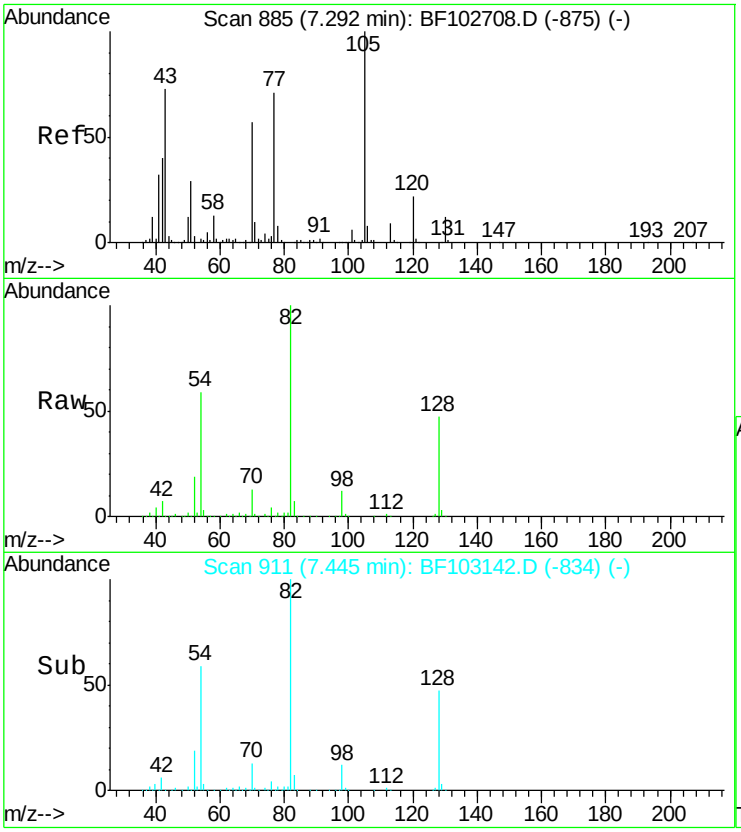


#9
Benzaldehyde
Concen: 2.772 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.22 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion: 77 Resp: 27197

Ion	Ratio	Lower	Upper
77	100		
105	83.6	81.1	121.1
106	80.3	74.5	114.5



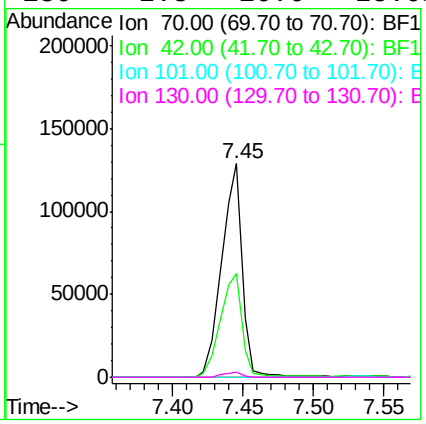


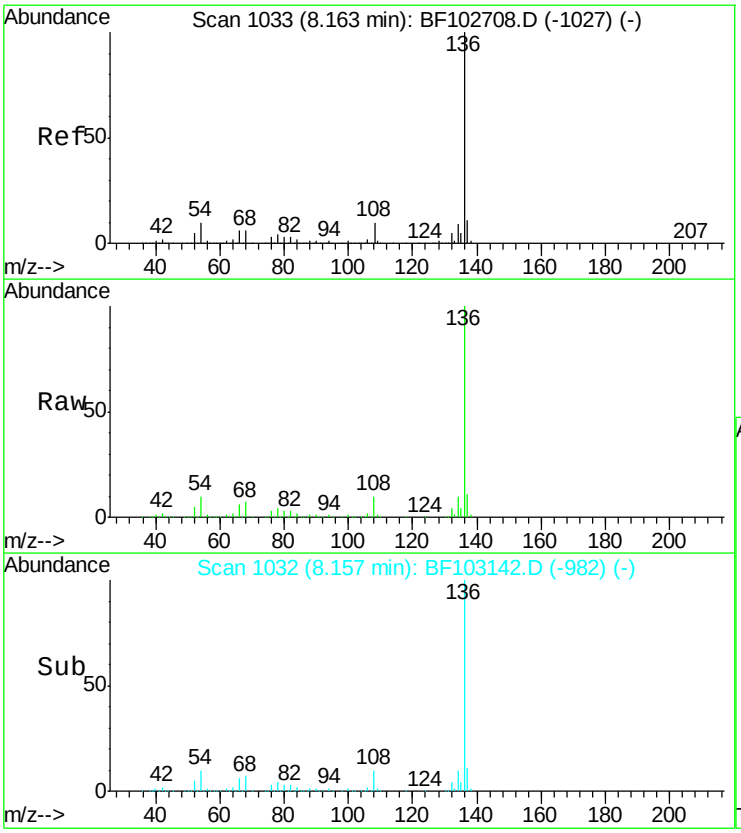
#19
n-Nitroso-di-n-propylamine
Concen: 15.010 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Instrument :
BNA_F
ClientSampleId :
TP-3-4

Tgt Ion: 70 Resp: 130735

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

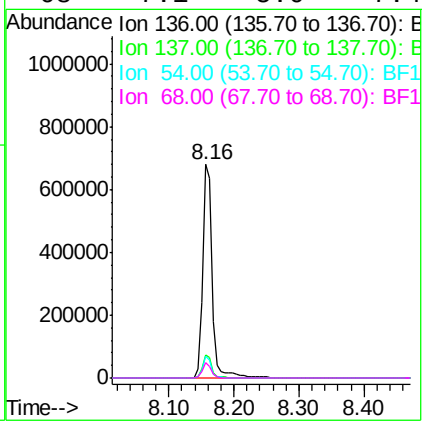


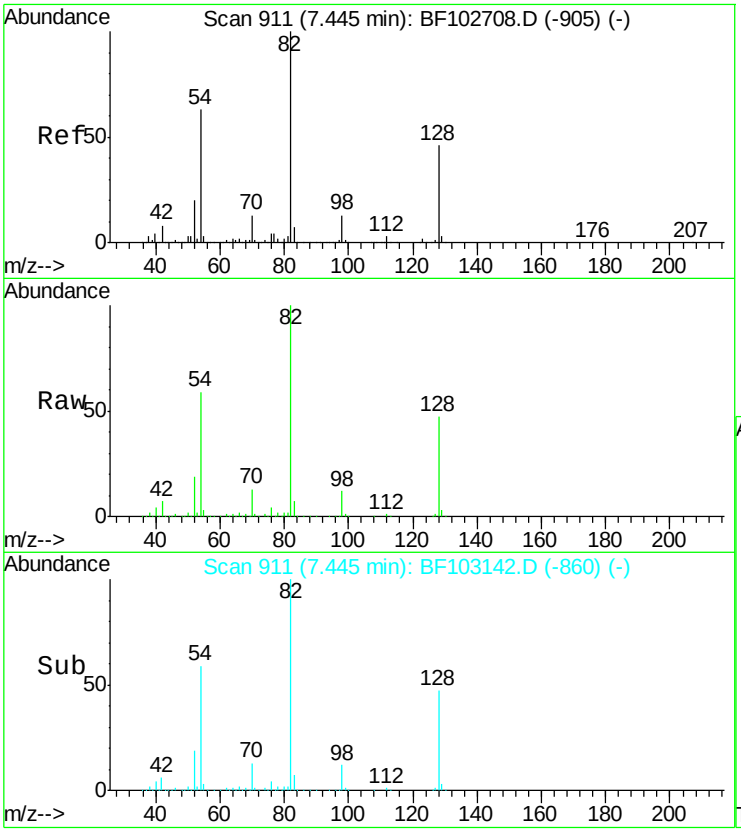


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion:136 Resp: 686759

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.1	6.6	9.8#
68	7.1	5.0	7.4



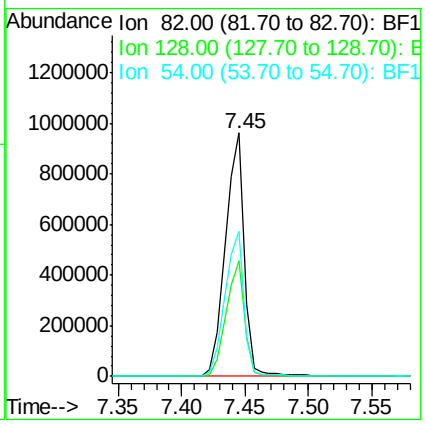


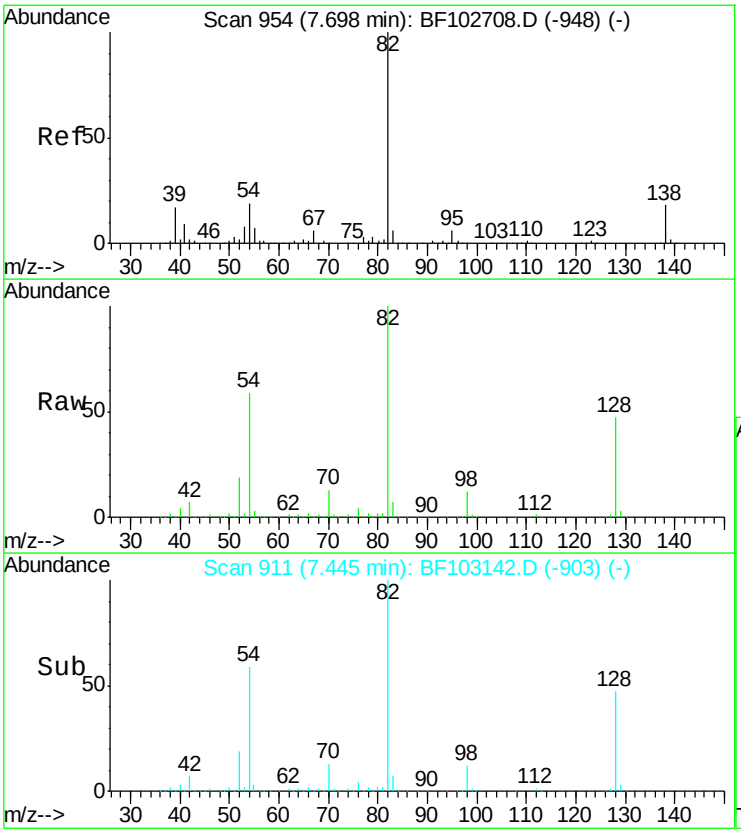
#23
Nitrobenzene-d5
Concen: 99.728 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Instrument :
BNA_F
ClientSampleId :
TP-3-4

Tgt Ion: 82 Resp: 987293

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	59.4	41.4	62.2

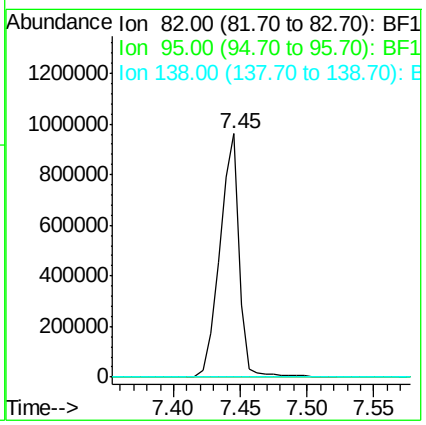


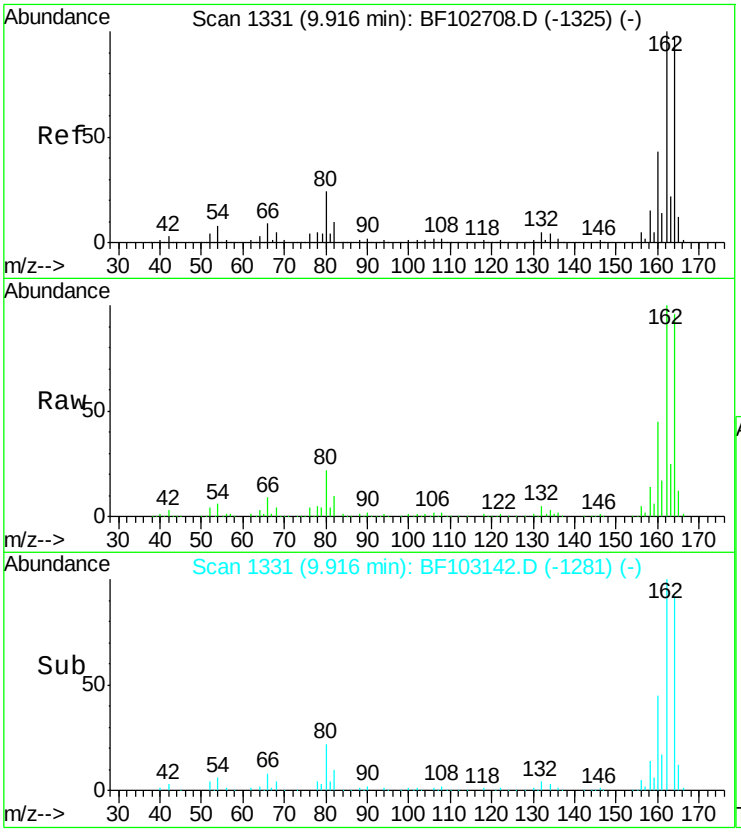


#25
Isophorone
Concen: 43.310 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion: 82 Resp: 987285

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



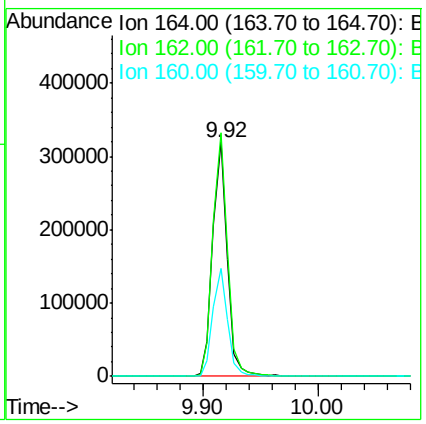


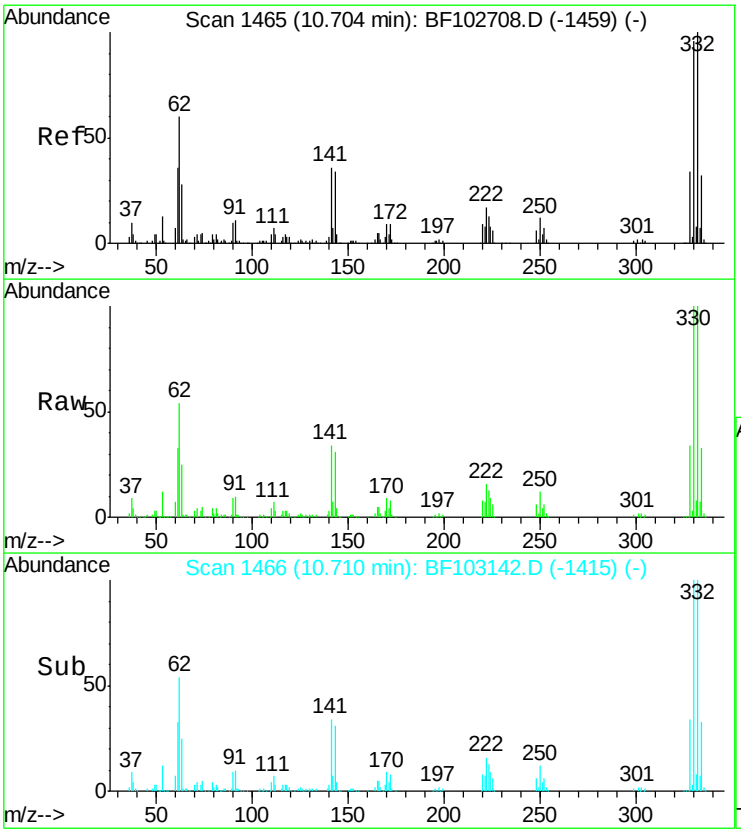
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Instrument :
BNA_F
ClientSampleId :
TP-3-4

Tgt Ion:164 Resp: 280934

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.3	38.3	57.5

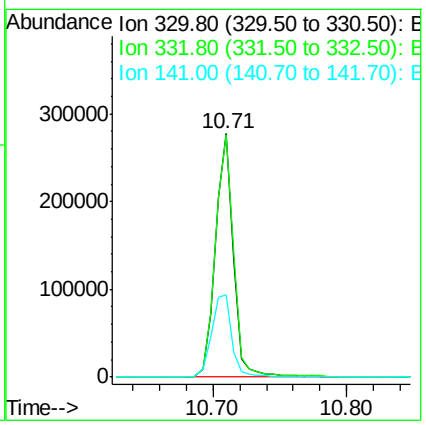


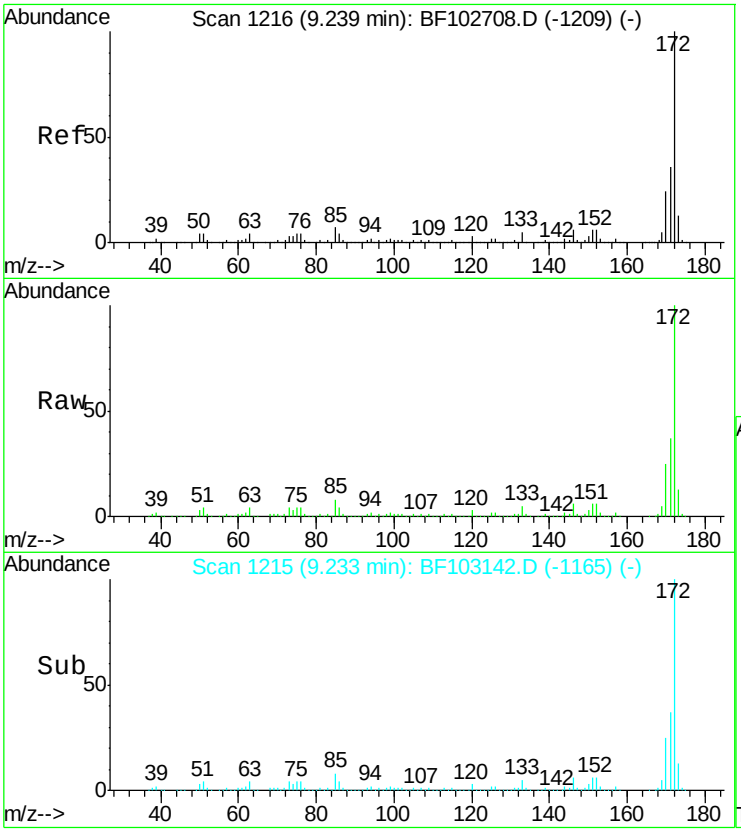


#41
2,4,6-Tribromophenol
Concen: 116.738 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion:330 Resp: 263967

Ion	Ratio	Lower	Upper
330	100		
332	102.0	77.0	115.6
141	38.7	29.9	44.9



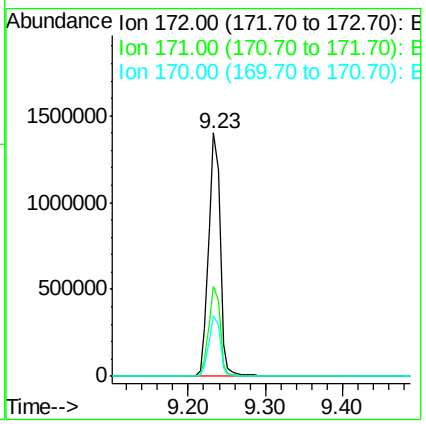


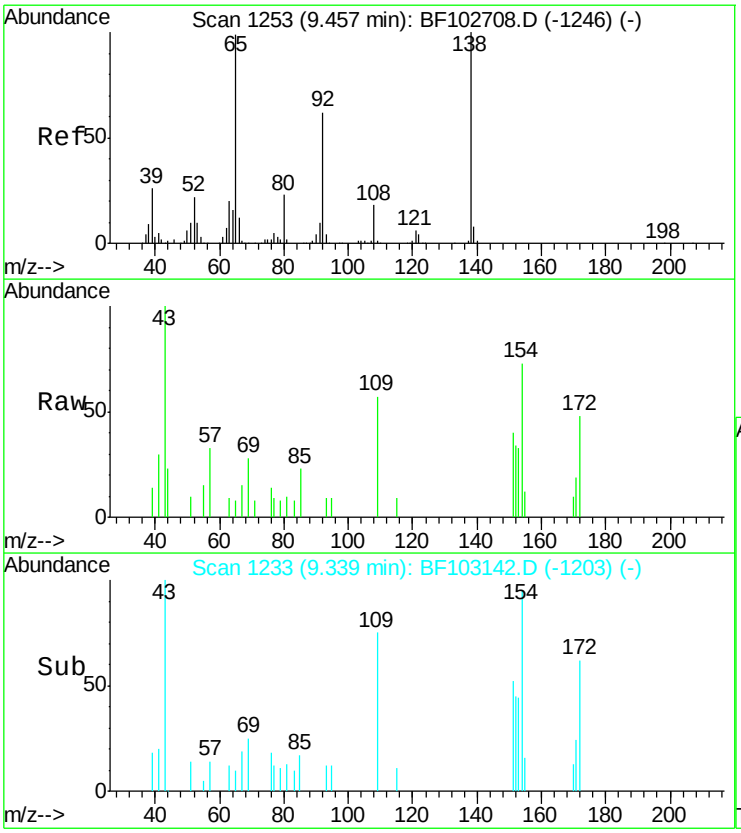
#44
2-Fluorobiphenyl
Concen: 85.645 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Instrument :
BNA_F
ClientSampleId :
TP-3-4

Tgt Ion:172 Resp: 1450003

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	19.6	29.4

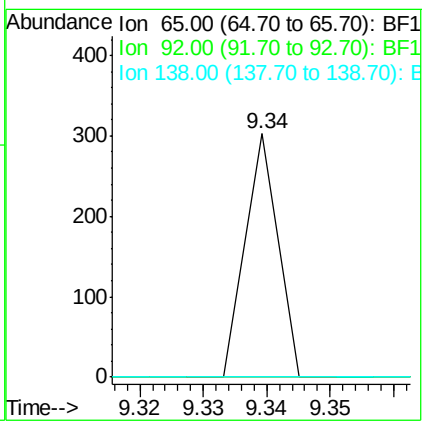


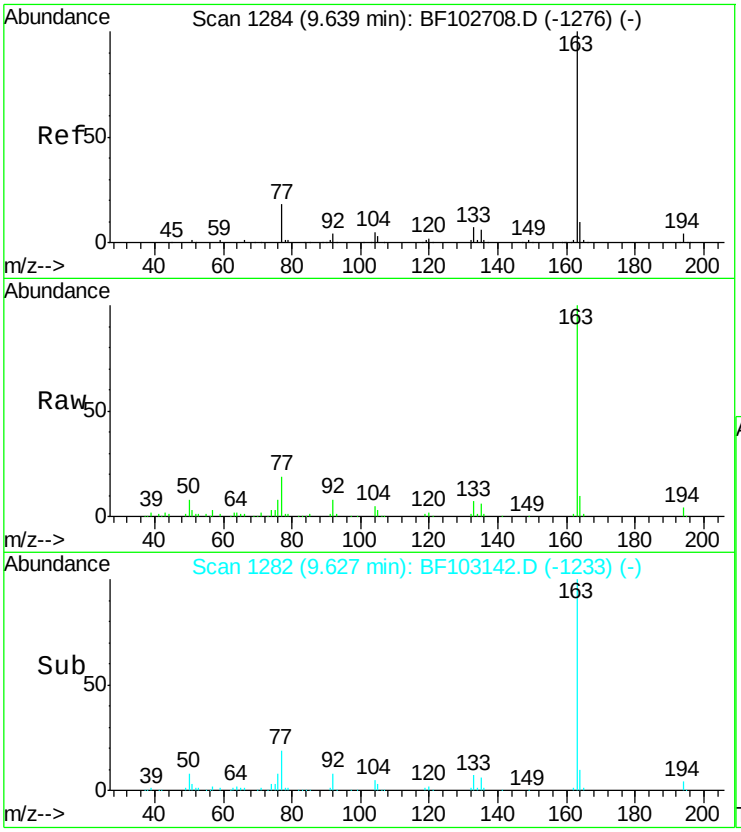


#47
2-Nitroaniline
Concen: 3.489 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.12 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion: 65 Resp: 107

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



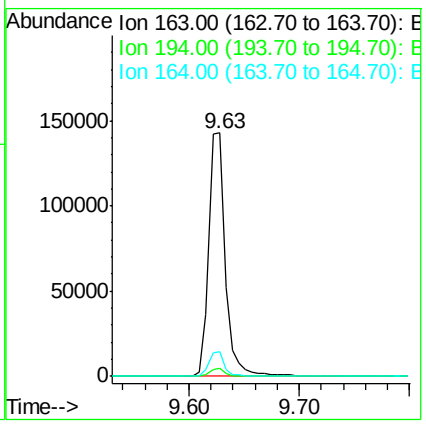


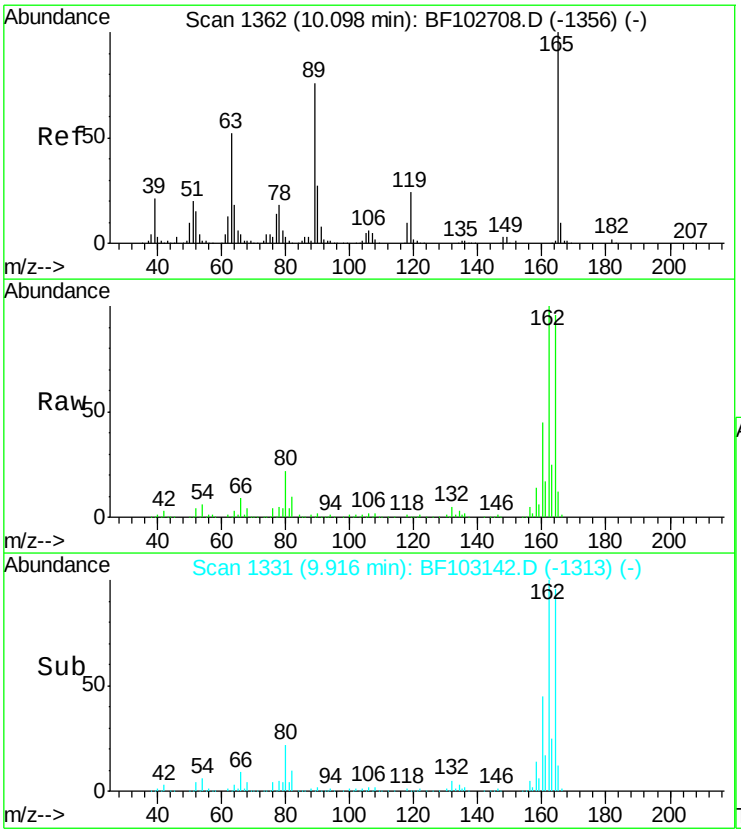
#49
Dimethylphthalate
Concen: 6.689 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Instrument :
BNA_F
ClientSampleId :
TP-3-4

Tgt Ion:163 Resp: 146523

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2

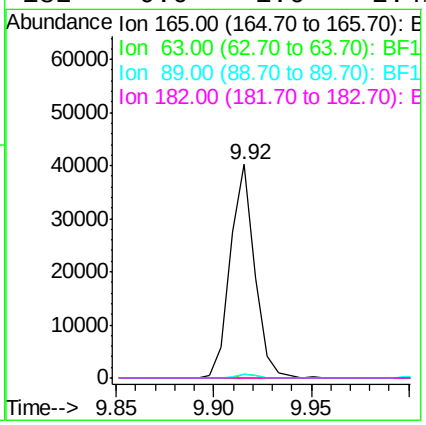


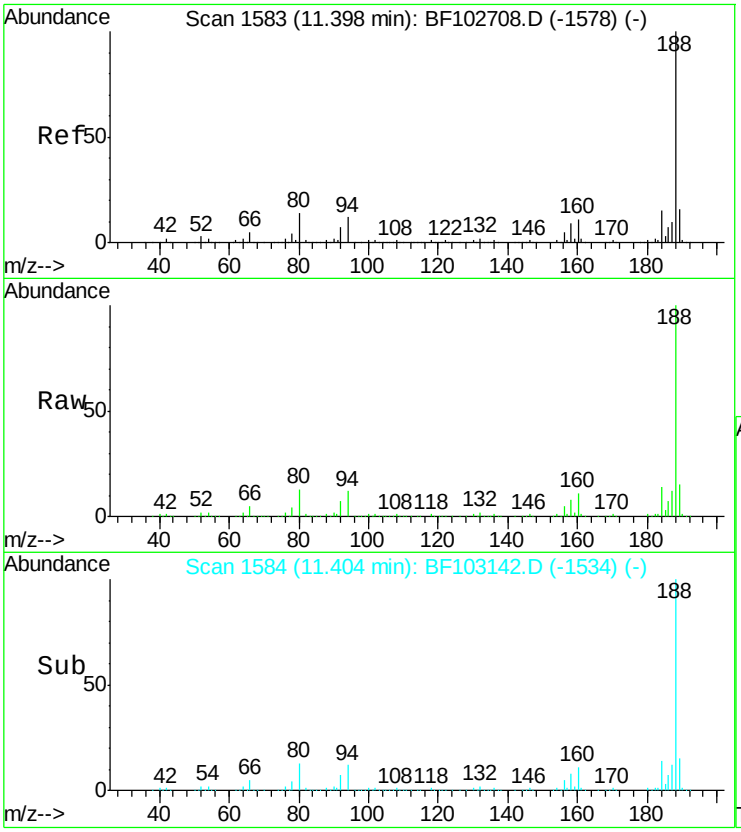


#56
2,4-Dinitrotoluene
Concen: 8.914 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion:165 Resp: 34867

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



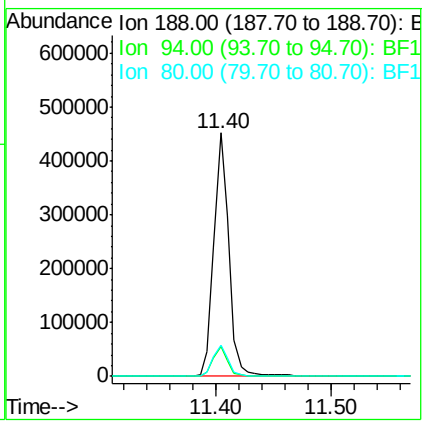


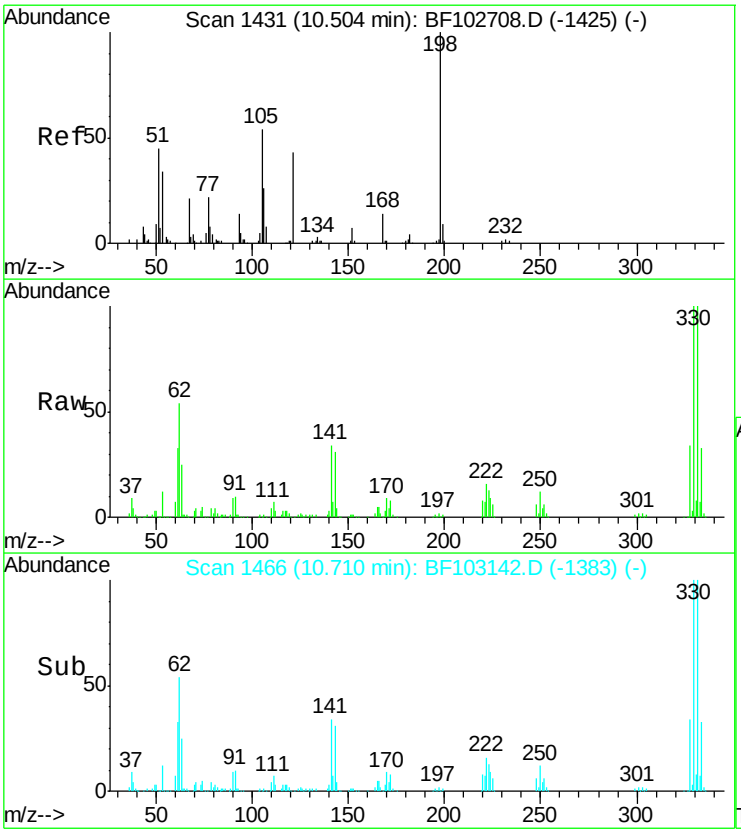
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Instrument :
BNA_F
ClientSampleId :
TP-3-4

Tgt Ion:188 Resp: 408345

Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.5	12.7
80	12.8	9.2	13.8

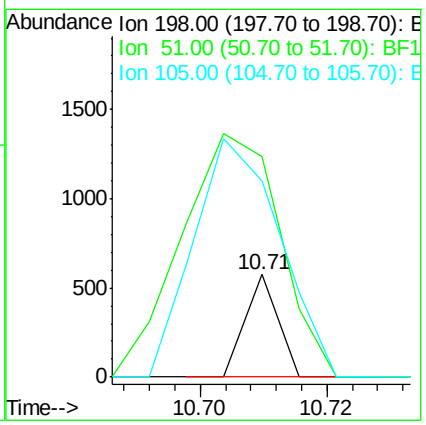


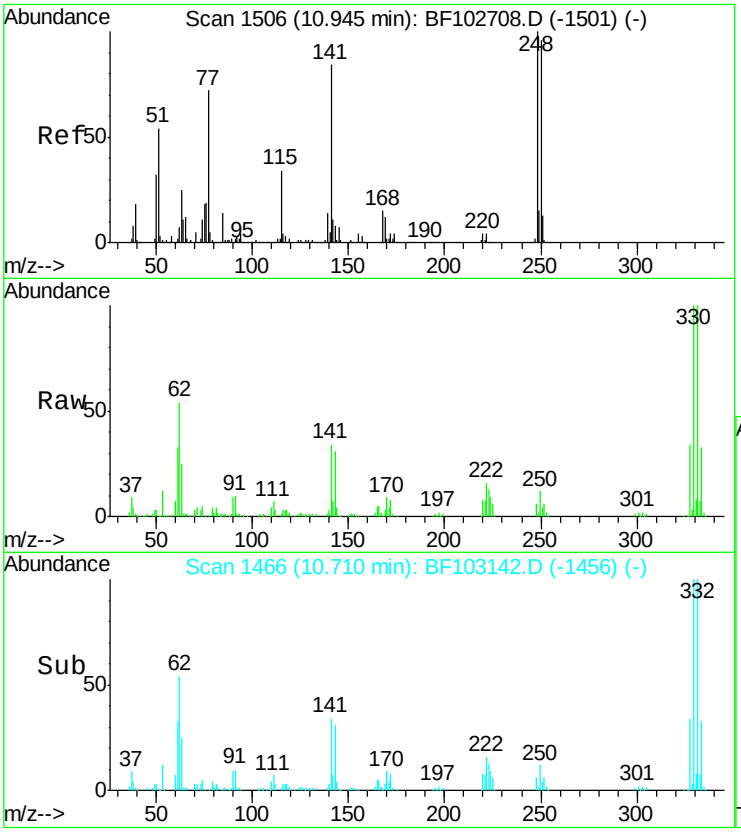


#64
4,6-Dinitro-2-methylphenol
Concen: 8.903 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion:198 Resp: 203

Ion	Ratio	Lower	Upper
198	100		
51	214.6	37.7	77.7#
105	191.1	36.3	76.3#



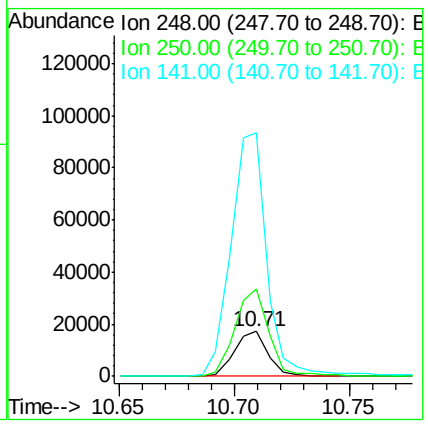


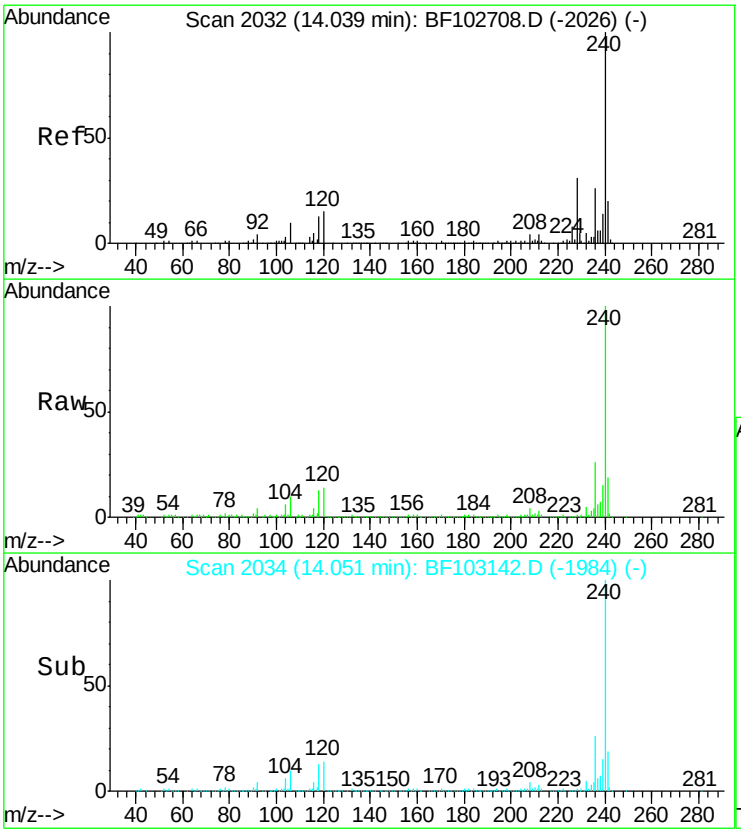
#66
4-Bromophenyl-phenylether
Concen: 4.021 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Instrument :
BNA_F
ClientSampleId :
TP-3-4

Tgt Ion:248 Resp: 17367

Ion	Ratio	Lower	Upper
248	100		
250	193.7	76.9	115.3#
141	541.2	74.4	111.6#

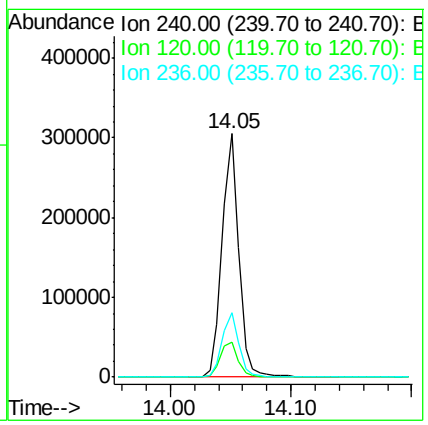


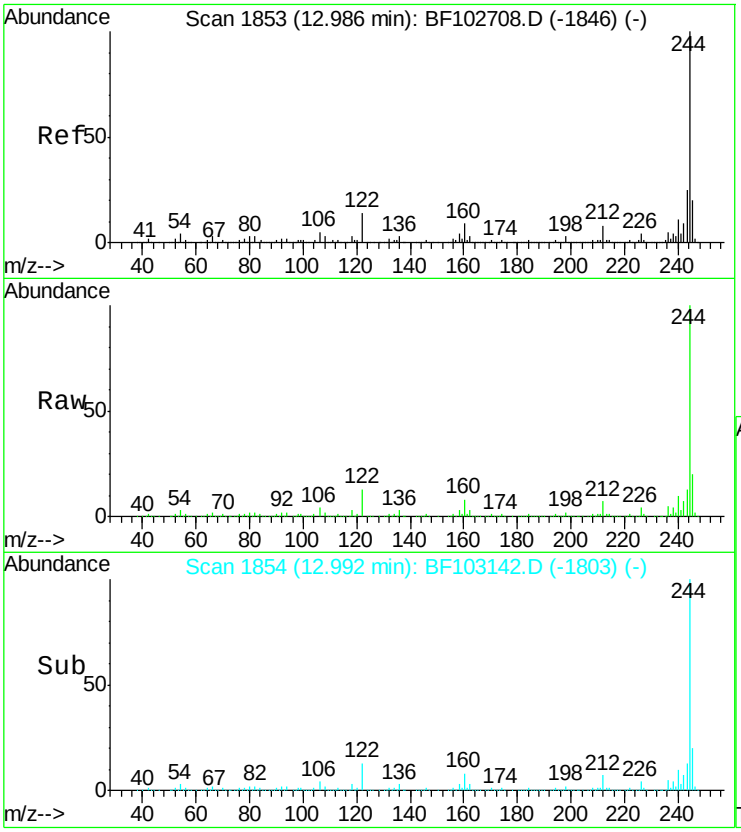


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion:240 Resp: 292460

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	26.3	20.7	31.1



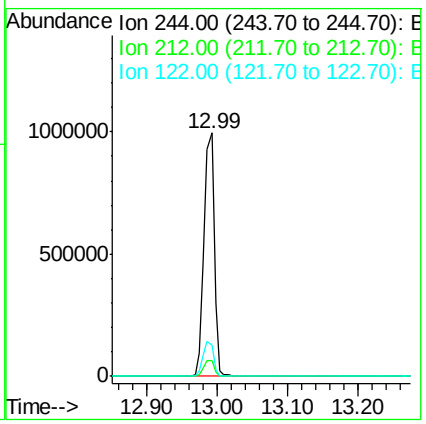


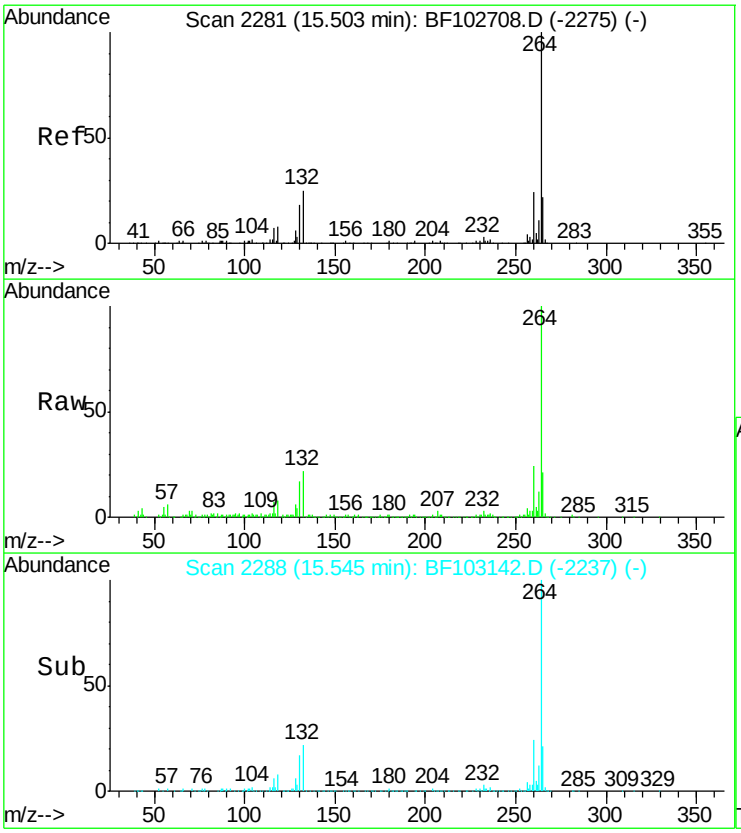
#78
Terphenyl-d14
Concen: 81.532 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Instrument :
BNA_F
ClientSampleId :
TP-3-4

Tgt Ion:244 Resp: 1007058

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF103142.D
Acq: 21 Feb 2018 17:52

Tgt Ion:264 Resp: 225271

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.5	26.3