Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101222.D
Acq On : 7 Dec 2017 22:55
Operator : SJ/JU
Sample : I6731-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 07 23:49:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	42596	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	146352	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	58949	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	102473	20.00	ng		0.00
75) Chrysene-d12	14.02	240	84771	20.00	ng		0.00
86) Perylene-d12	15.50	264	65890	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	114759	44.52	ng		0.00
7) Phenol-d6	6.47	99	90766	29.00	ng		-0.01
23) Nitrobenzene-d5	7.41	82	237927	96.98	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	58837	83.09	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	493260	114.49	ng		0.00
78) Terphenyl-d14	12.96	244	394813	101.87	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	4471	2.334	ng		86
19) n-Nitroso-di-n-propylamine	7.41	70	31587	14.986	ng	#	79
25) Isophorone	7.41	82	237925	56.775	ng	#	64
50) 2,6-Dinitrotoluene	9.88	165	7451	7.441	ng	#	24
56) 2,4-Dinitrotoluene	9.88	165	7451	5.552	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	3459	3.016	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\BF120717\
Data File : BF101222.D
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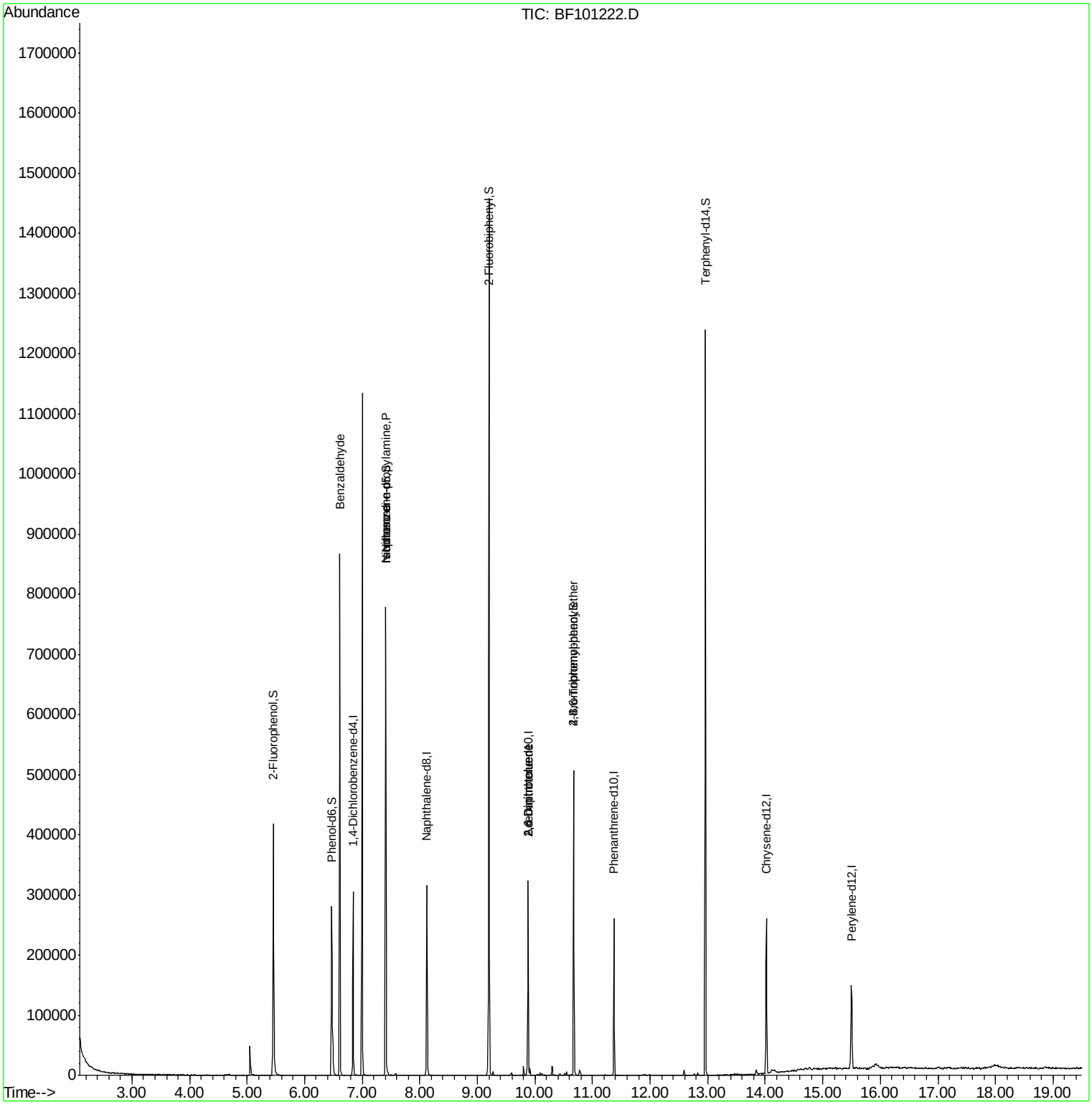
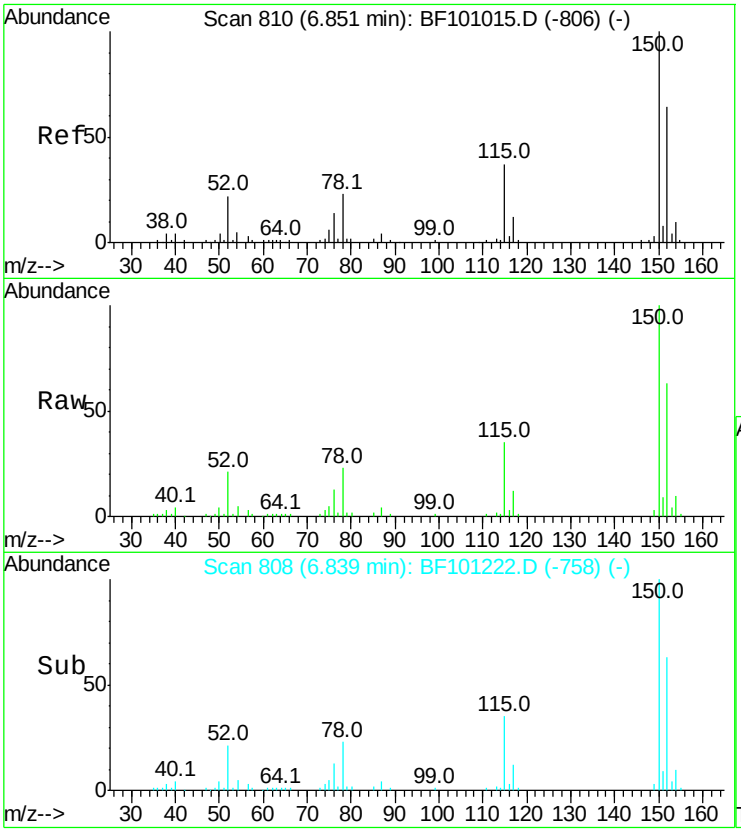
ClientSampleId :

Quant Time: Dec 07 23:49:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration



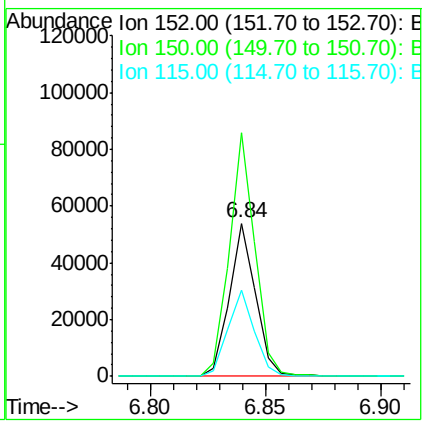


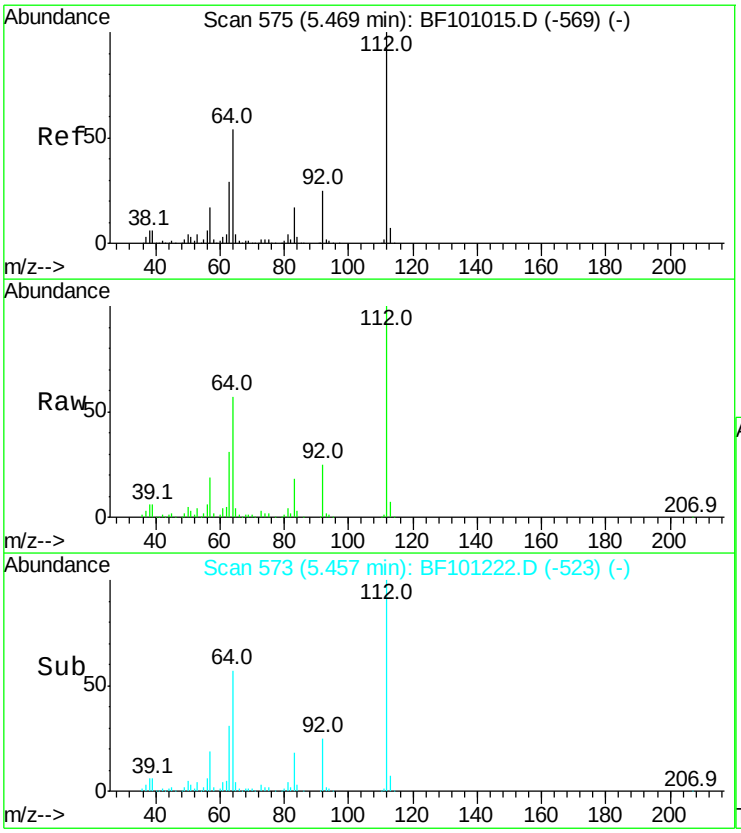
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 42596

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	56.1	50.1	75.1

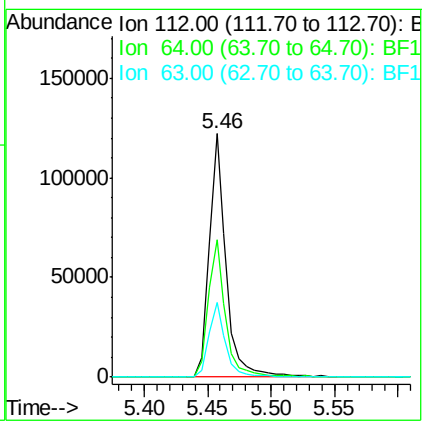


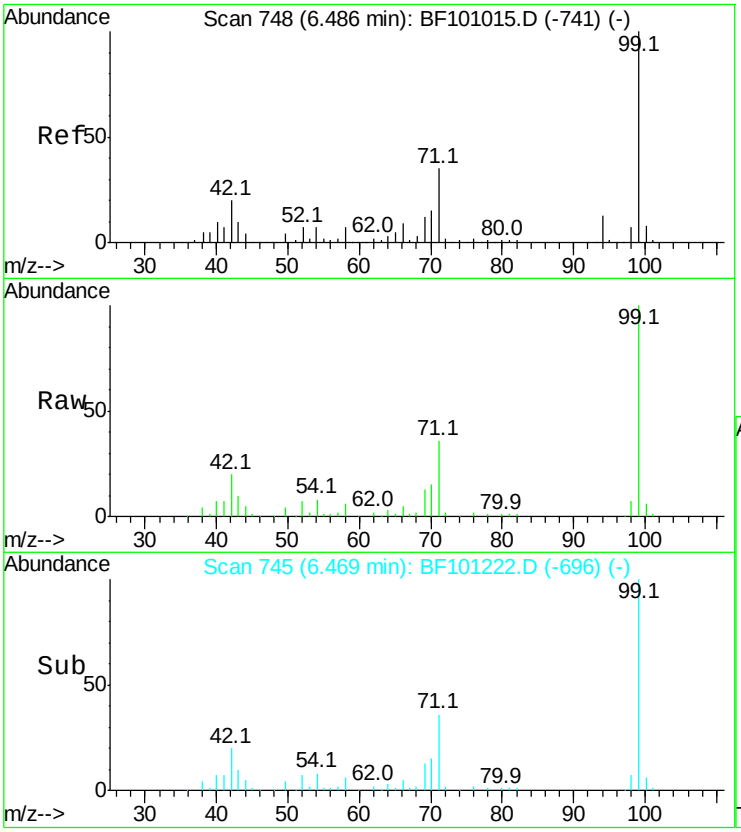


#5
2-Fluorophenol
Concen: 44.519 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion:112 Resp: 114759

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	30.6	23.7	35.5



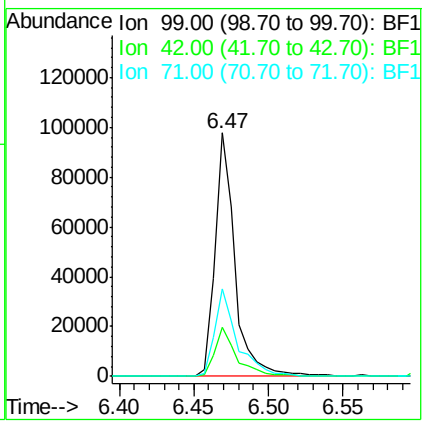


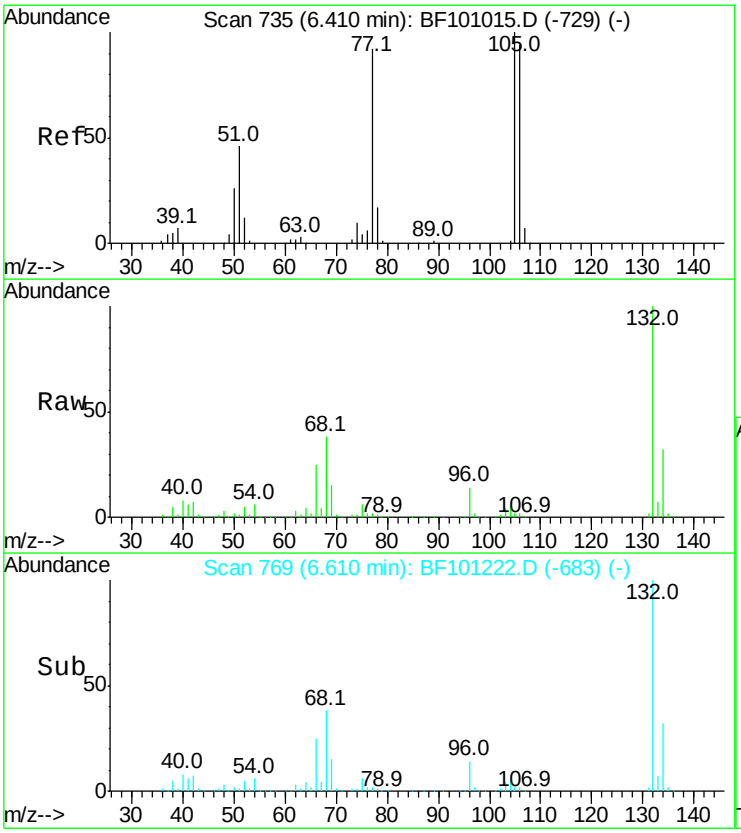
#7
Phenol-d6
Concen: 29.002 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 90766

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	35.9	25.4	38.0

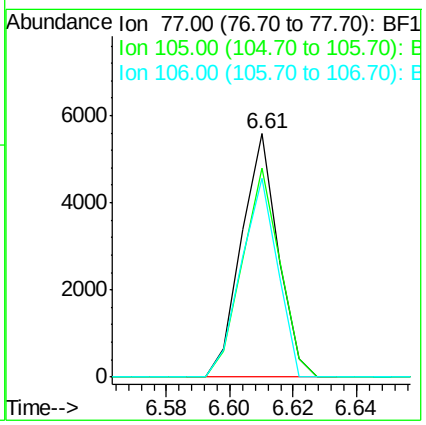


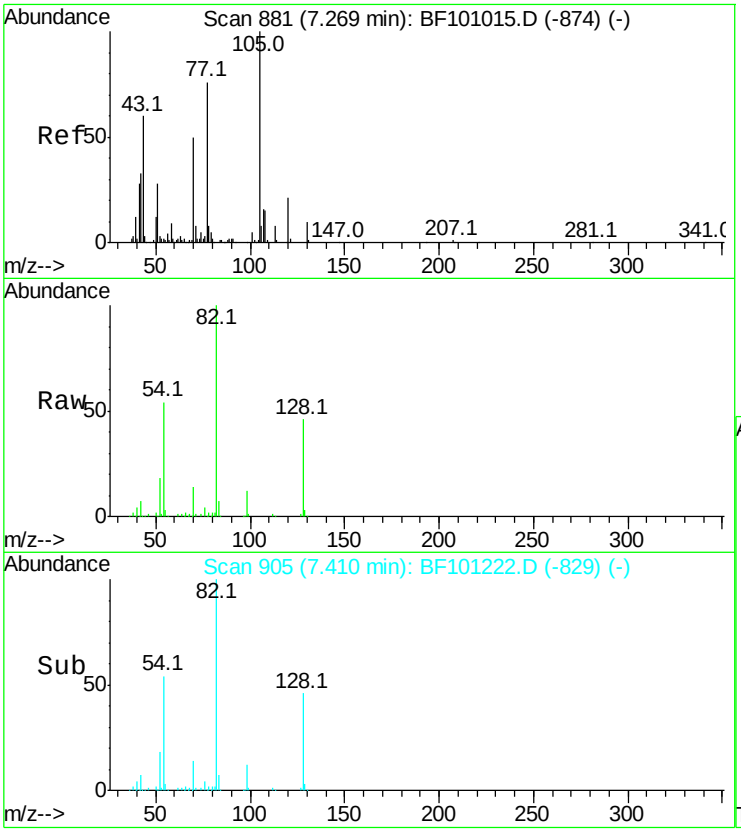


#9
Benzaldehyde
Concen: 2.334 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.21 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion: 77 Resp: 4471

Ion	Ratio	Lower	Upper
77	100		
105	85.7	81.1	121.1
106	81.6	74.5	114.5



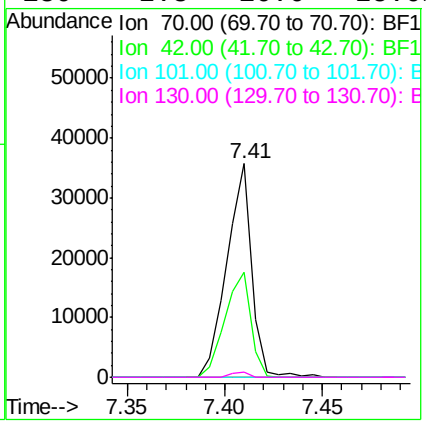


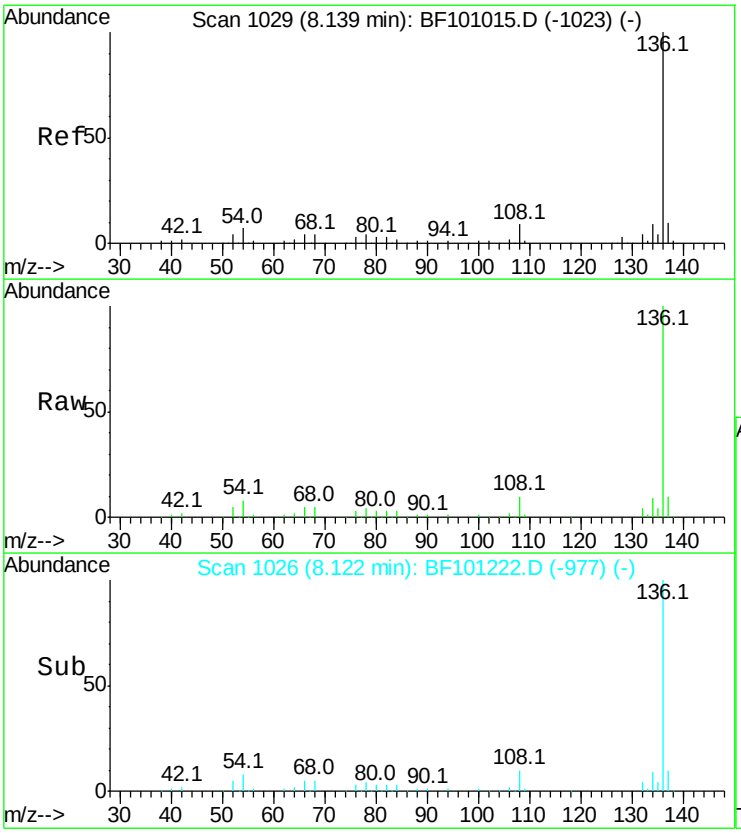
#19
n-Nitroso-di-n-propylamine
Concen: 14.986 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 31587

Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

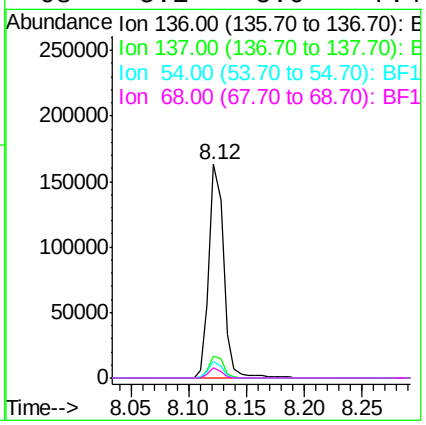


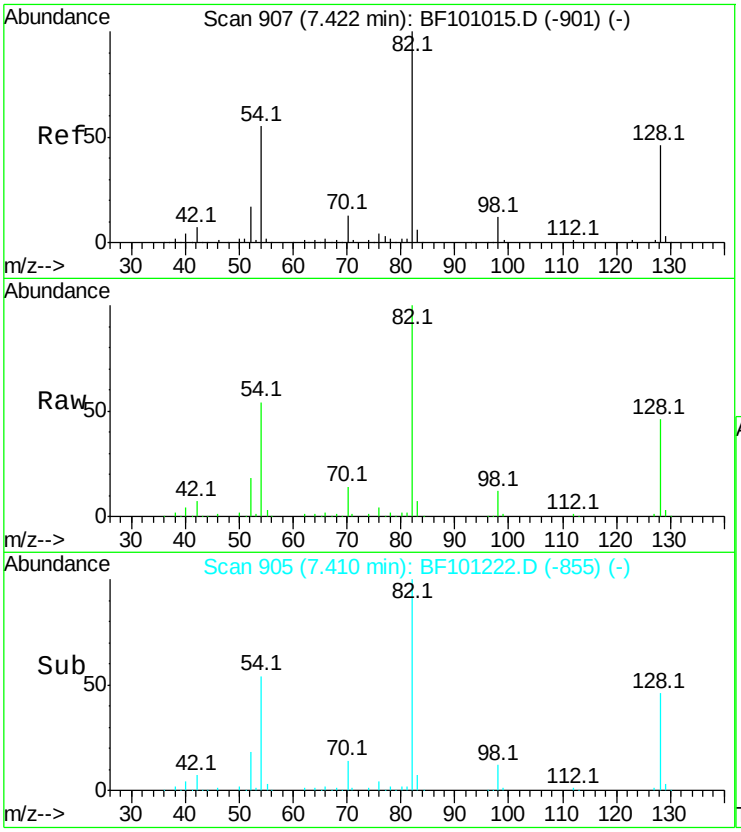


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion:136 Resp: 146352

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.5	6.6	9.8
68	5.1	5.0	7.4



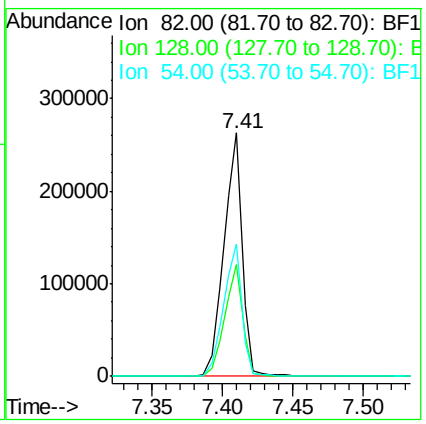


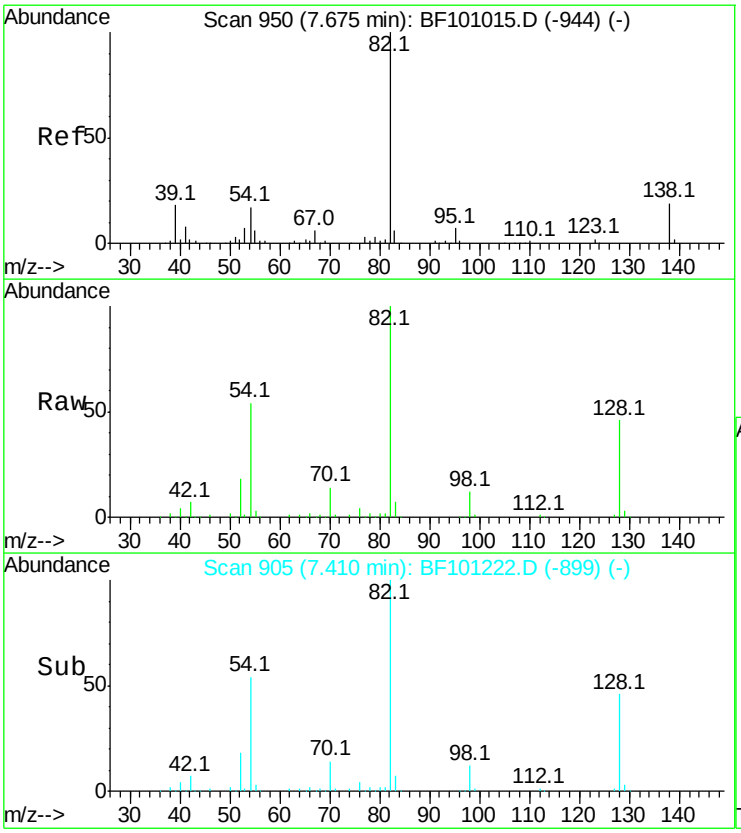
#23
Nitrobenzene-d5
Concen: 96.979 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 237927

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	54.1	41.4	62.2

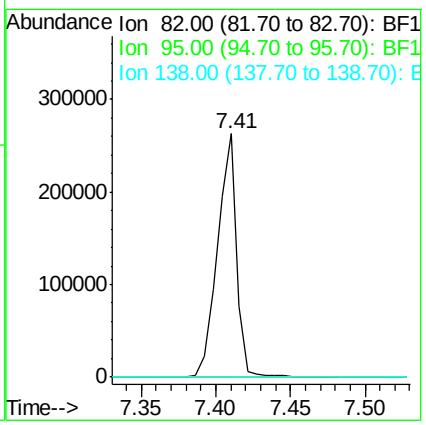


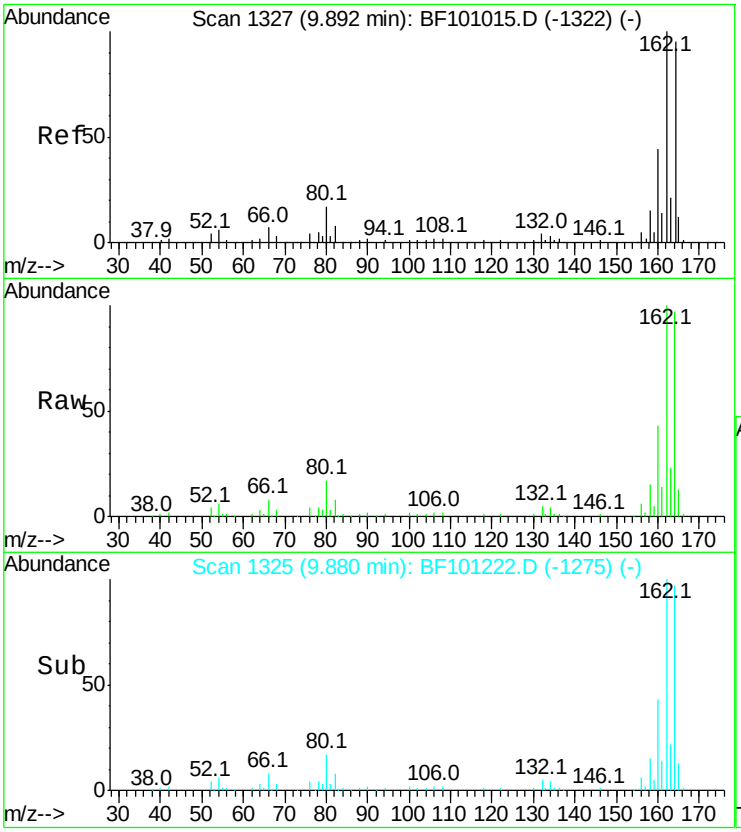


#25
Isophorone
Concen: 56.775 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion: 82 Resp: 237925

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



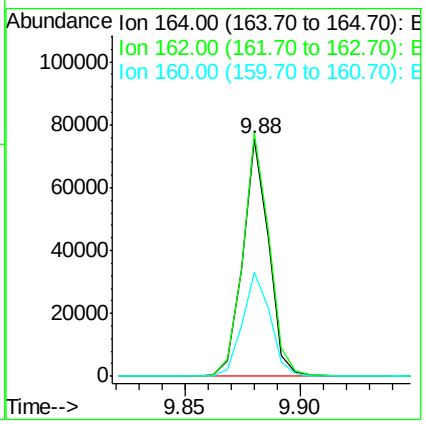


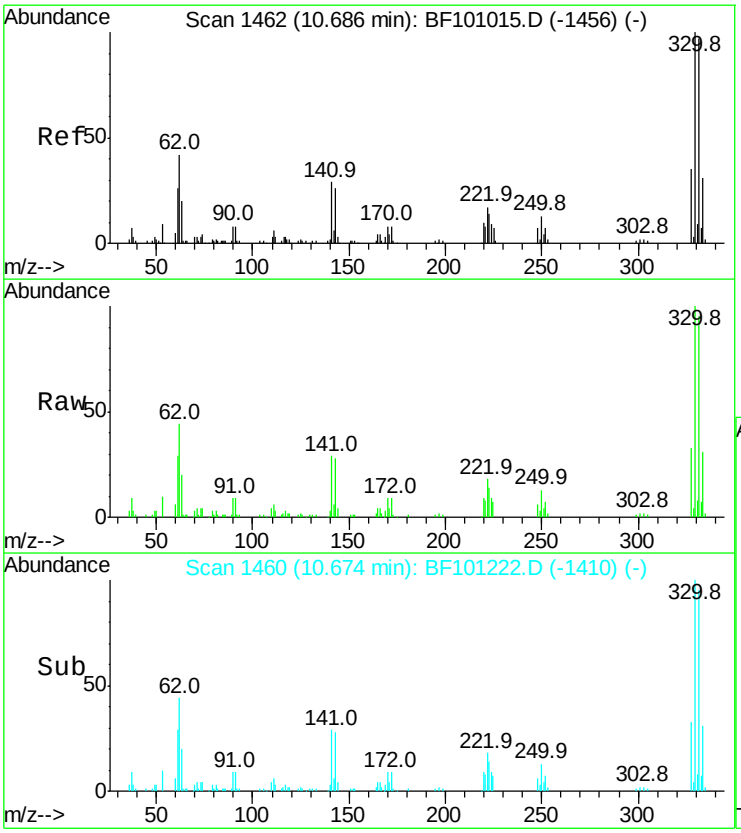
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 58949

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	43.6	38.3	57.5

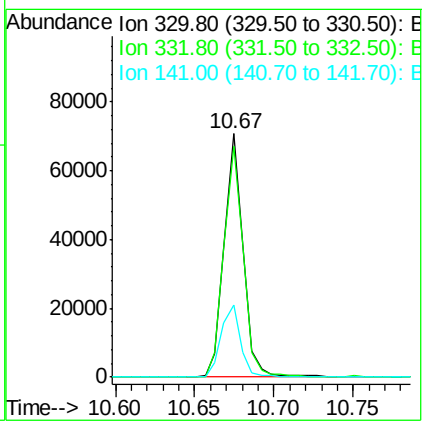


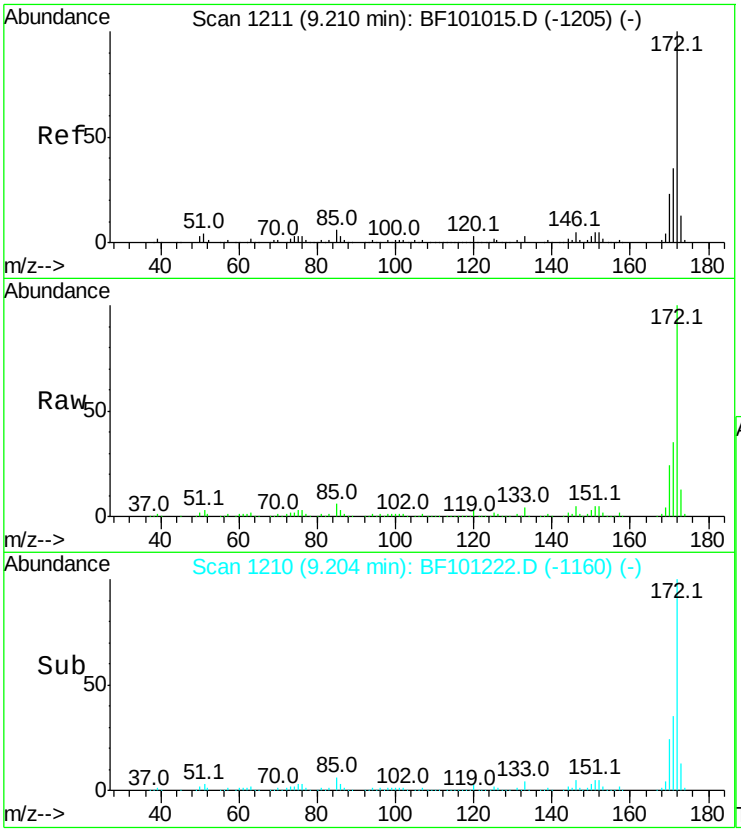


#41
2,4,6-Tribromophenol
Concen: 83.086 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion:330 Resp: 58837

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	30.1	29.9	44.9



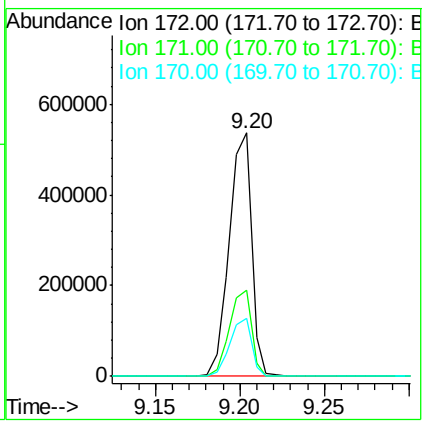


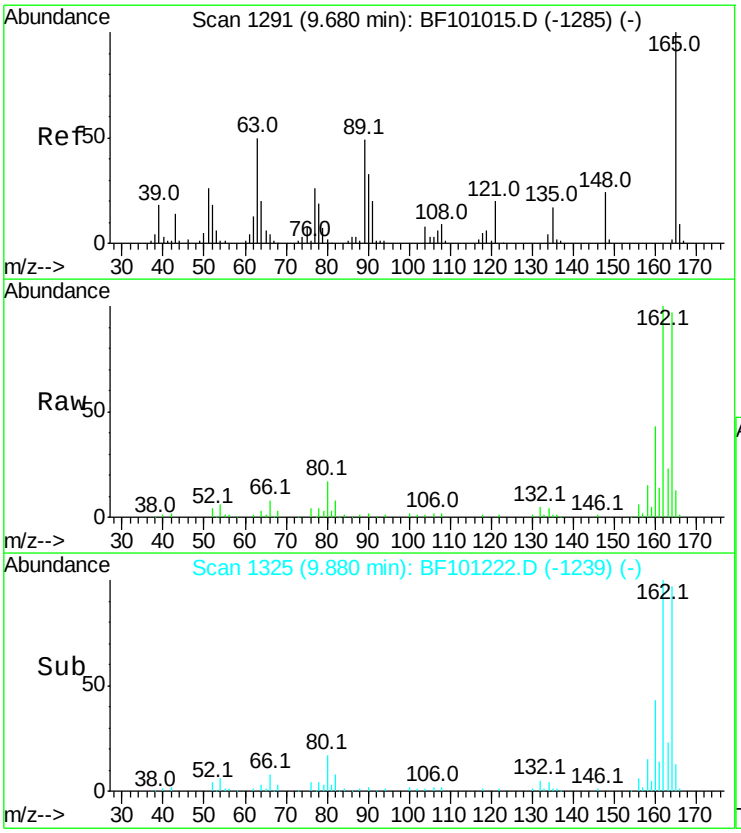
#44
2-Fluorobiphenyl
Concen: 114.485 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 493260

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	19.6	29.4

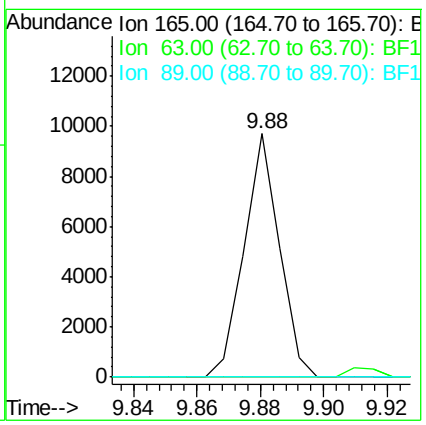


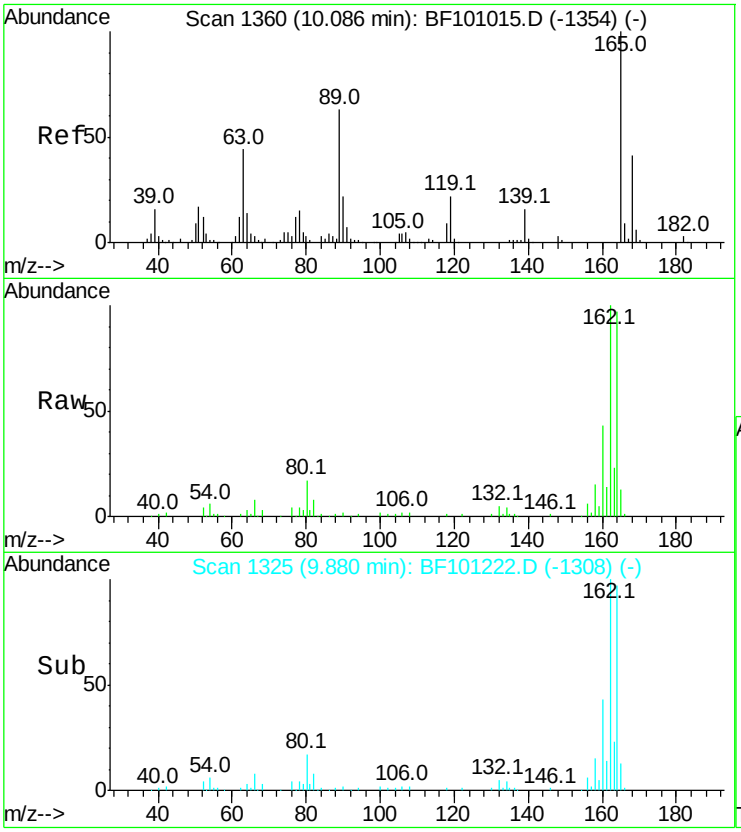


#50
2,6-Dinitrotoluene
Concen: 7.441 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion:165 Resp: 7451

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



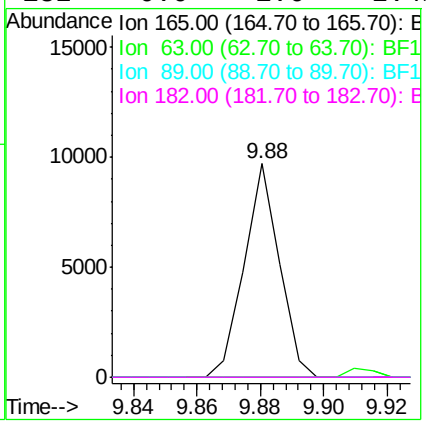


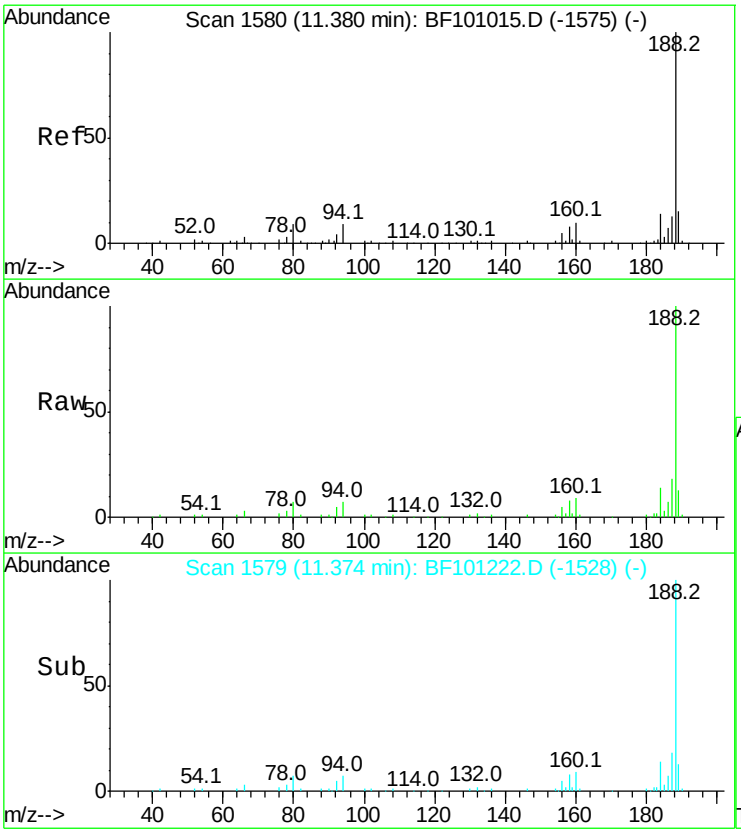
#56
2,4-Dinitrotoluene
Concen: 5.552 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 7451

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

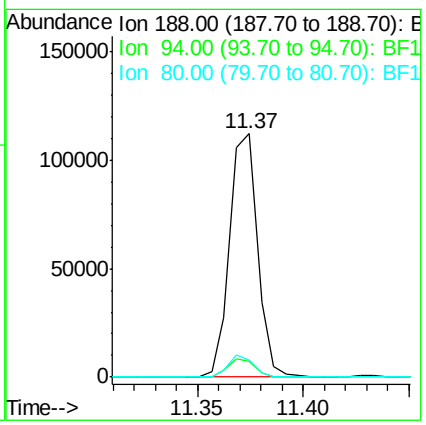


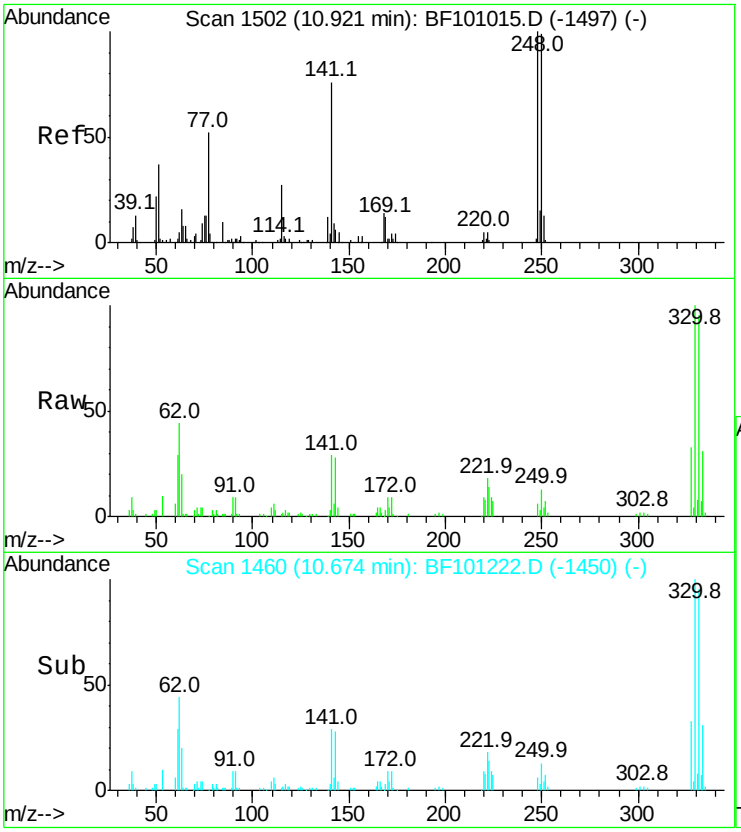


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion:188 Resp: 102473

Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.5	12.7#
80	7.0	9.2	13.8#



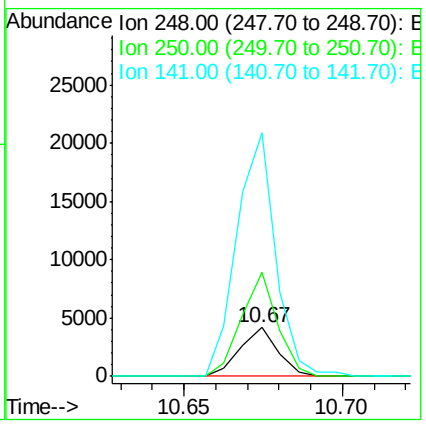


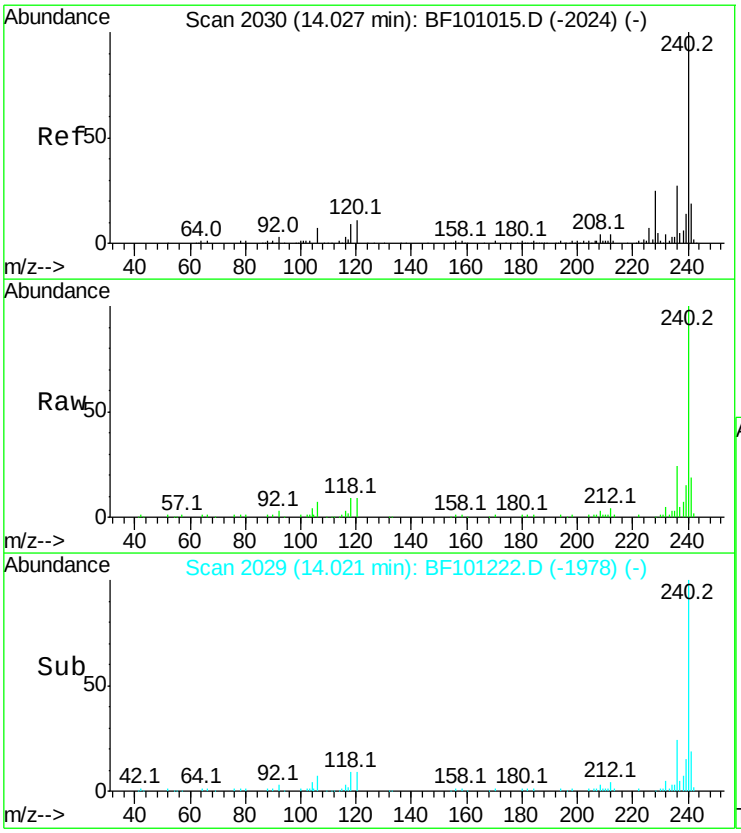
#66
4-Bromophenyl-phenylether
Concen: 3.016 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 3459

Ion	Ratio	Lower	Upper
248	100		
250	215.0	76.9	115.3#
141	500.6	74.4	111.6#

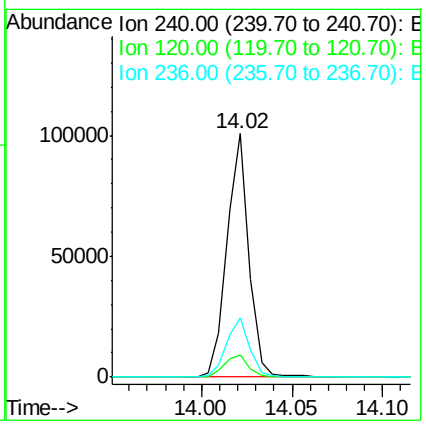


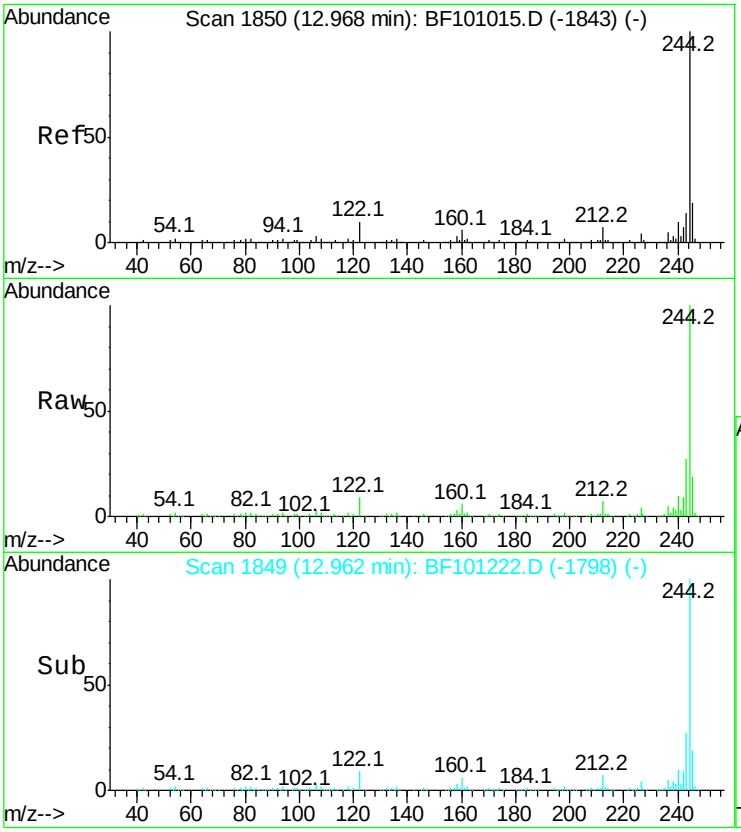


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion:240 Resp: 84771

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	24.4	20.7	31.1



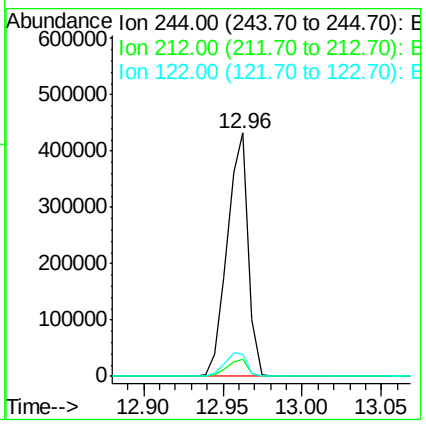


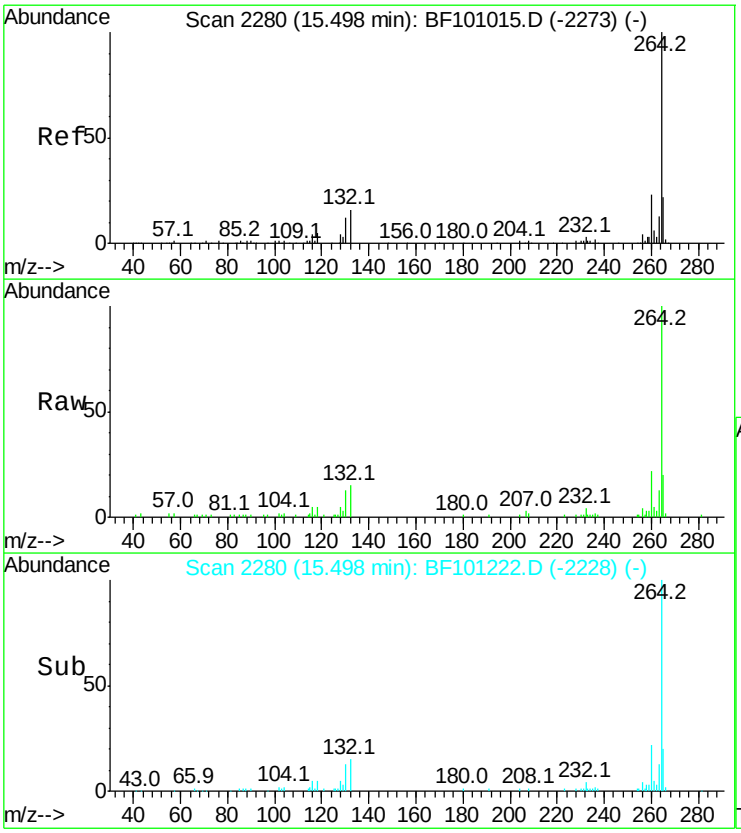
#78
Terphenyl-d14
Concen: 101.870 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 394813

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion:264 Resp: 65890

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.3	17.5	26.3