Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101068.D
Acq On : 1 Dec 2017 17:31
Operator : SJ/JU
Sample : I6641-01RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Time: Dec 01 21:51:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53803	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	207623	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	94654	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	150322	20.00	ng		0.00
75) Chrysene-d12	14.02	240	124769	20.00	ng		0.00
86) Perylene-d12	15.49	264	111973	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	383876	117.90	ng		0.01
7) Phenol-d6	6.49	99	458331	115.94	ng		0.00
23) Nitrobenzene-d5	7.42	82	279293	80.24	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	90966	80.00	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	551497	79.72	ng		0.00
78) Terphenyl-d14	12.96	244	384364	67.38	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	8529	3.525	ng		86
10) Phenol	6.49	94	15554	3.539	ng	#	73
19) n-Nitroso-di-n-propylamine	7.42	70	36629	13.759	ng	#	83
25) Isophorone	7.42	82	279290	46.978	ng	#	64
49) Dimethylphthalate	9.60	163	19874	2.603	ng	#	98
50) 2,6-Dinitrotoluene	9.89	165	11915	7.411	ng	#	24
56) 2,4-Dinitrotoluene	9.89	165	11915	5.530	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	5818	3.458	ng	#	1

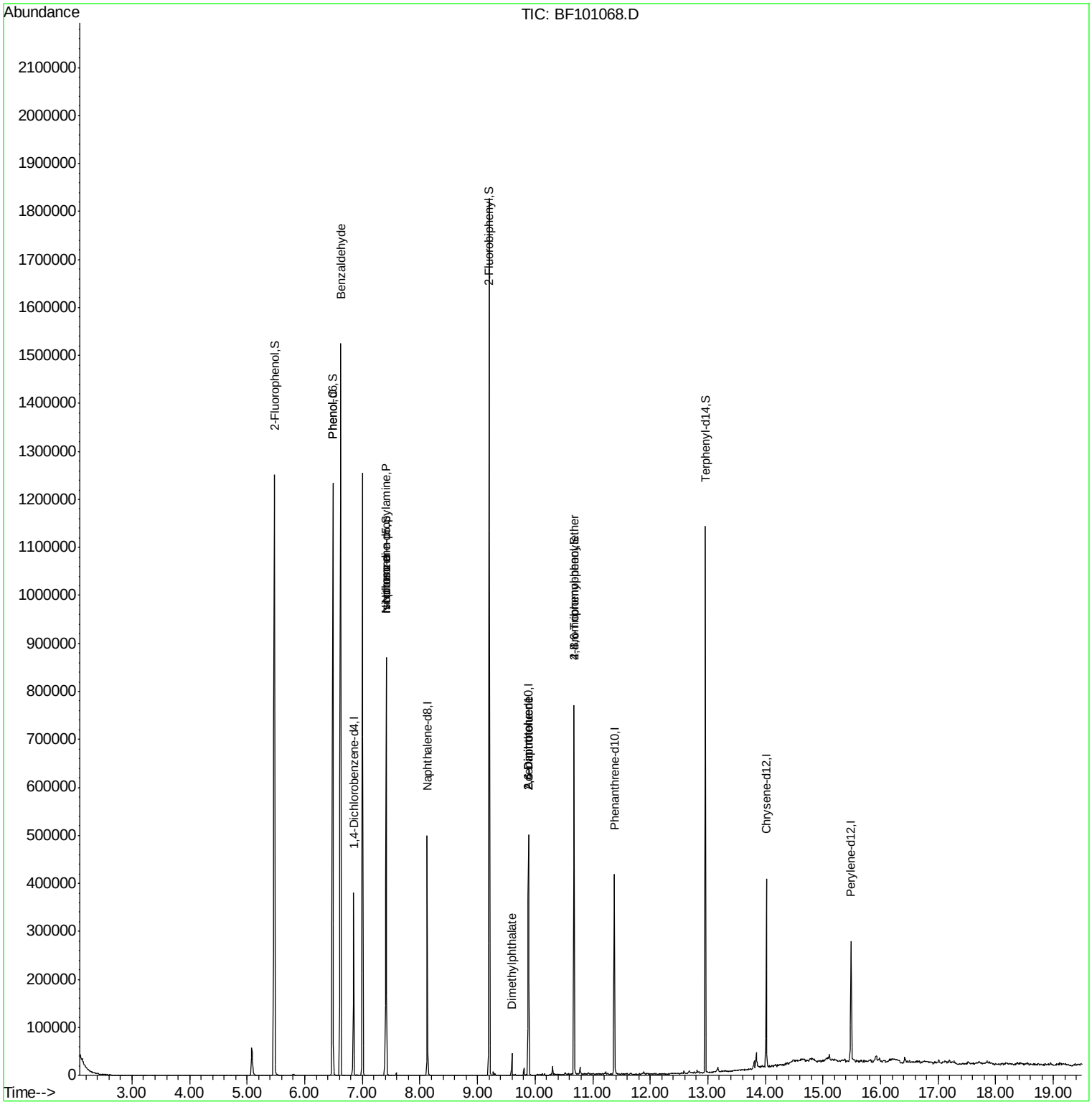
(#) = qualifier out of range (m) = manual integration (+) = signals summed

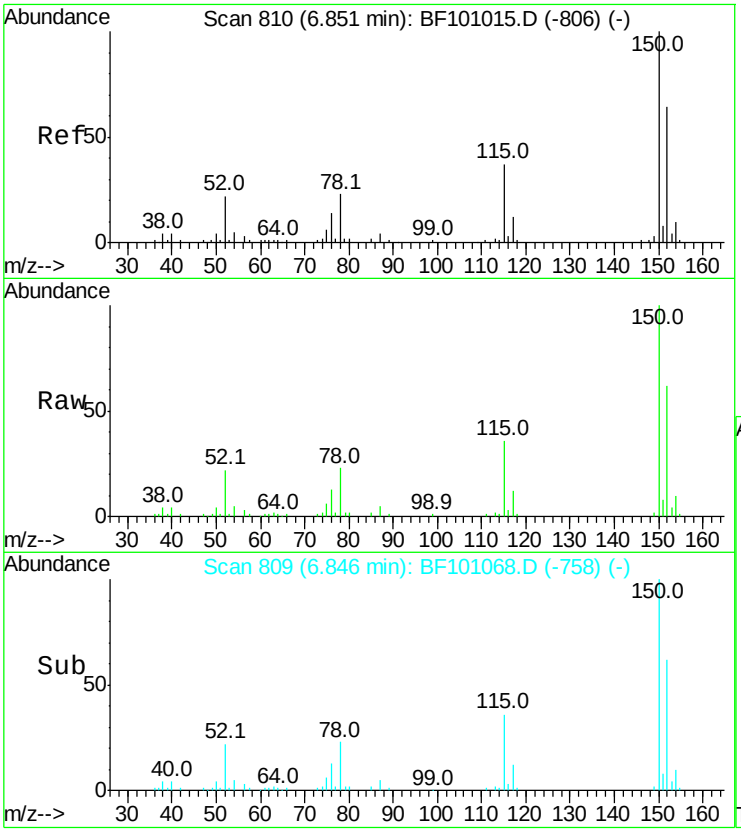
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101068.D
Acq On : 1 Dec 2017 17:31
Operator : SJ/JU
Sample : I6641-01RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Dec 01 21:51:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration



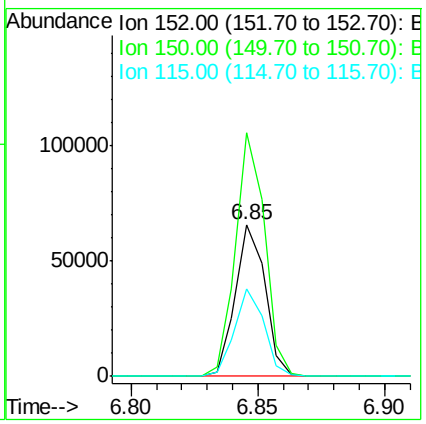


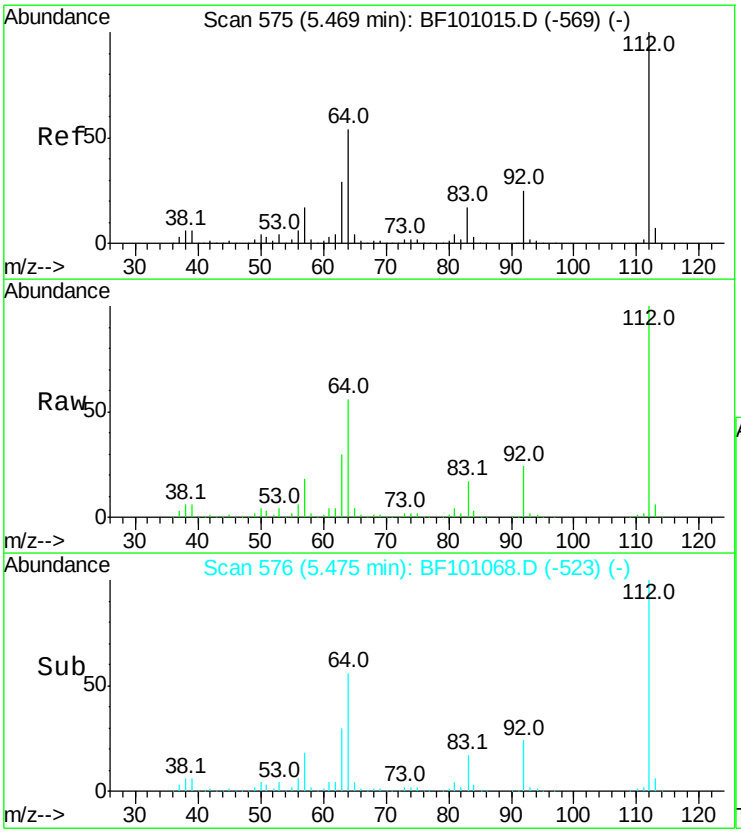
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 53803

Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	57.5	50.1	75.1

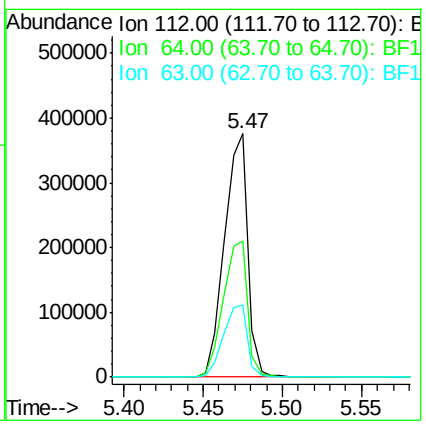


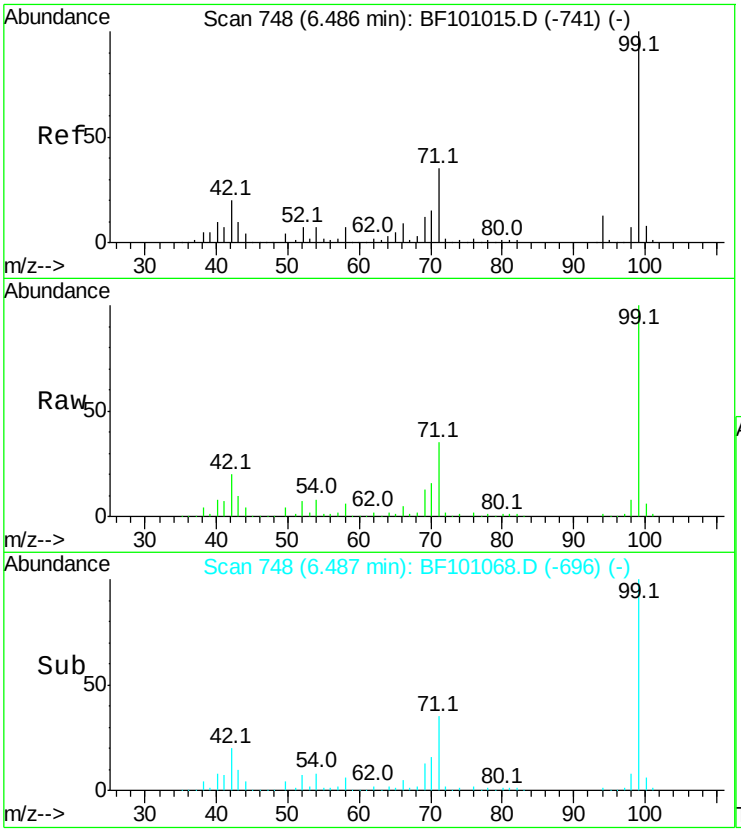


#5
2-Fluorophenol
Concen: 117.899 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Tgt Ion:112 Resp: 383876

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	29.5	23.7	35.5



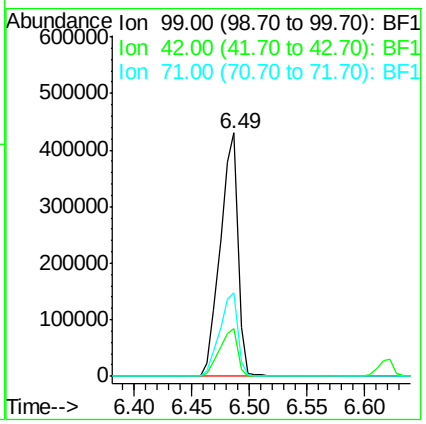


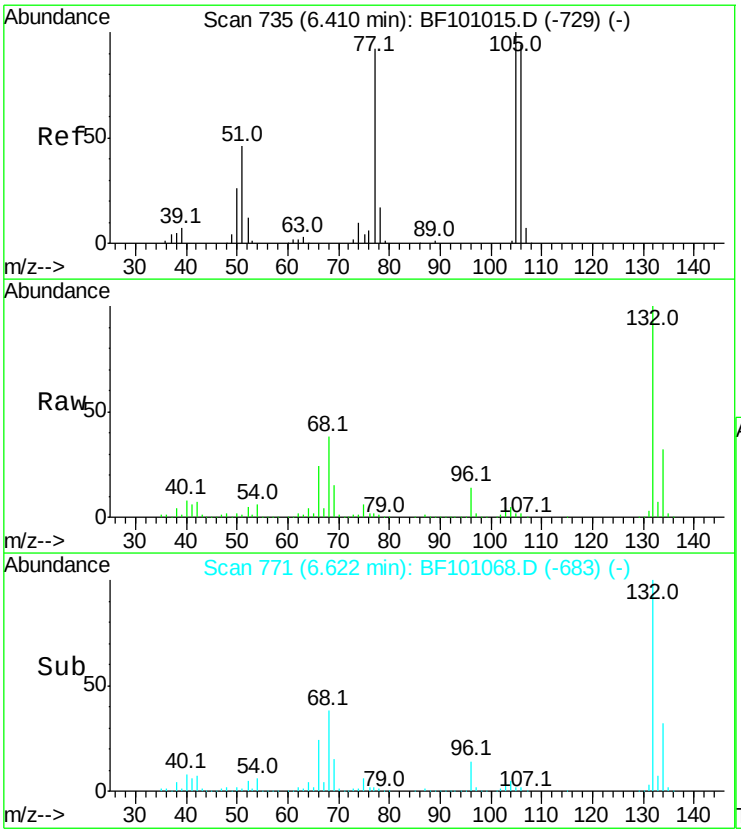
#7
Phenol-d6
Concen: 115.943 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 458331

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.5	25.4	38.0

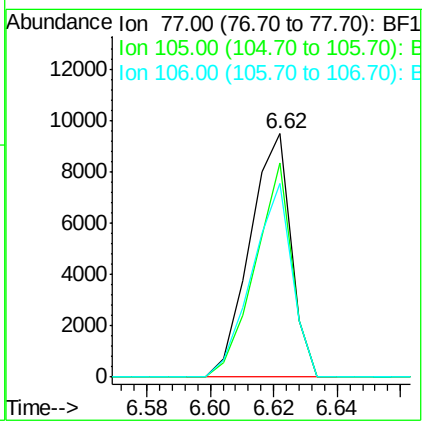


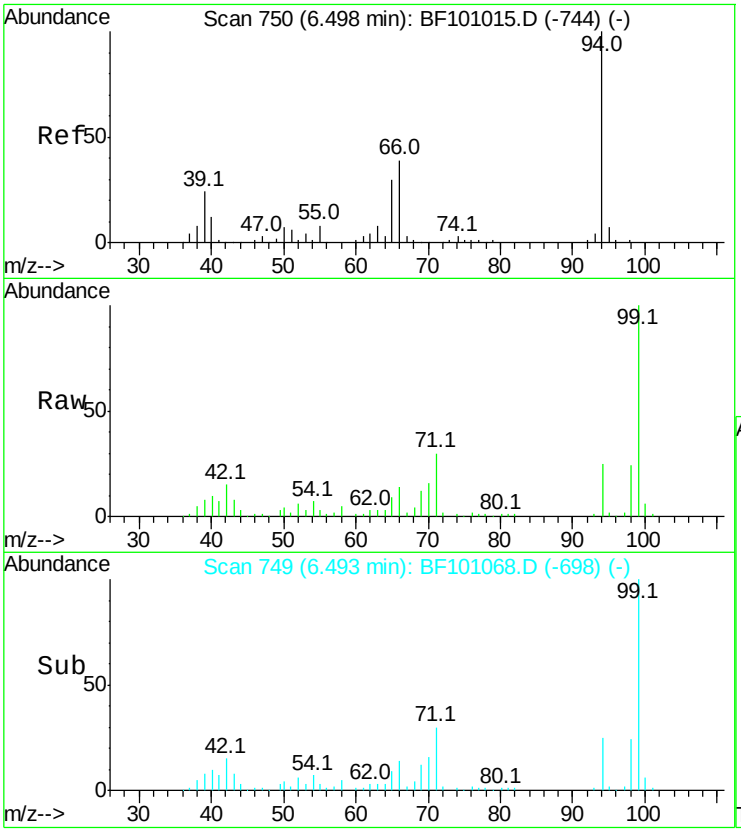


#9
Benzaldehyde
Concen: 3.525 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.22 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Tgt Ion: 77 Resp: 8529

Ion	Ratio	Lower	Upper
77	100		
105	87.7	81.1	121.1
106	79.8	74.5	114.5



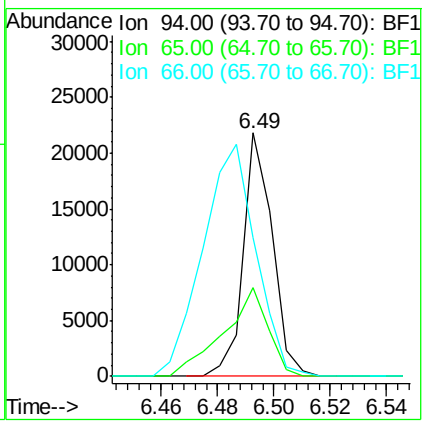


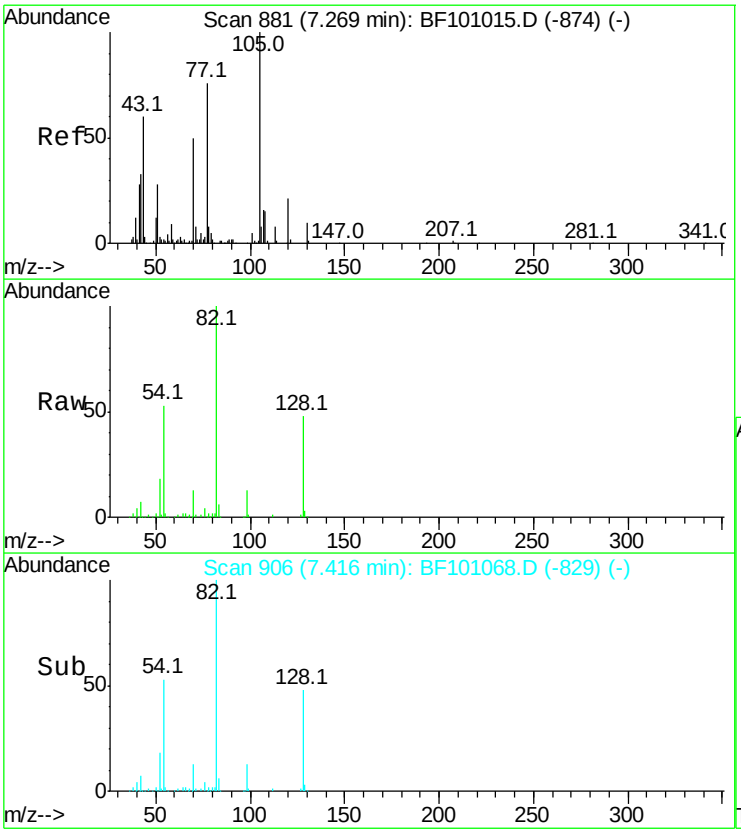
#10
Phenol
Concen: 3.539 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 94 Resp: 15554

Ion	Ratio	Lower	Upper
94	100		
65	36.3	7.9	47.9
66	56.9	16.2	56.2#

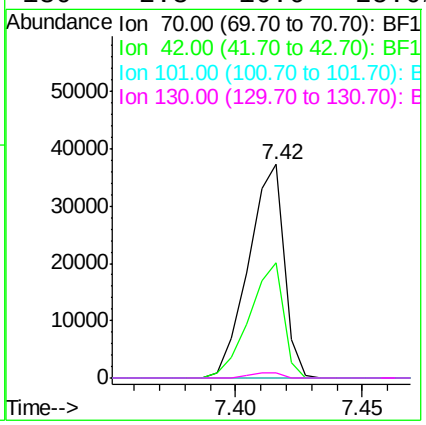


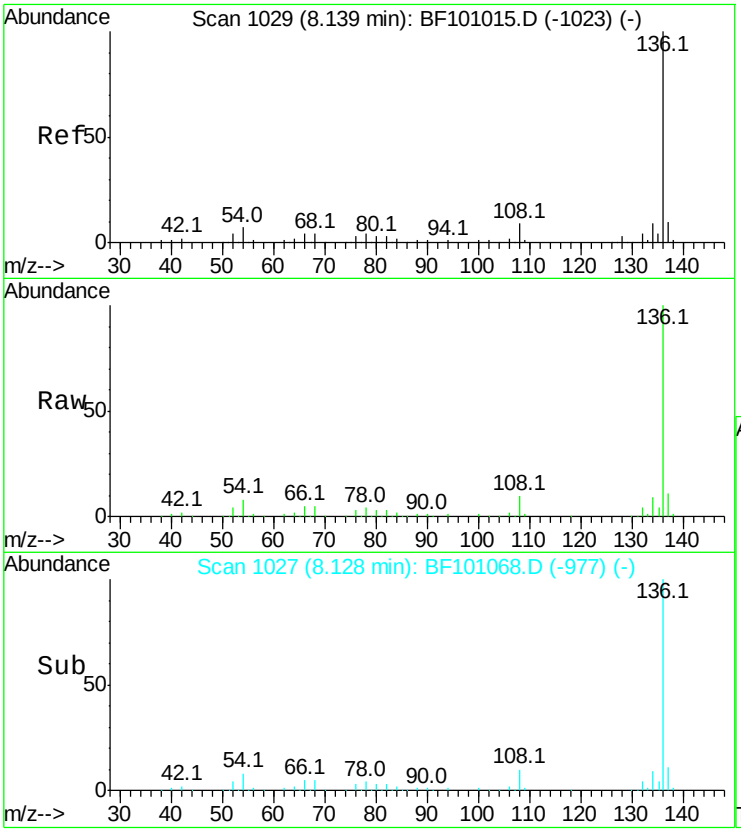


#19
n-Nitroso-di-n-propylamine
Concen: 13.759 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Tgt Ion: 70 Resp: 36629

Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



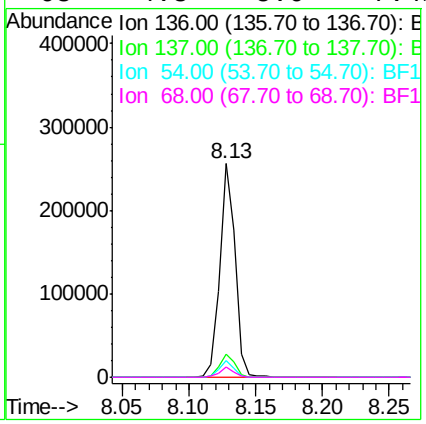


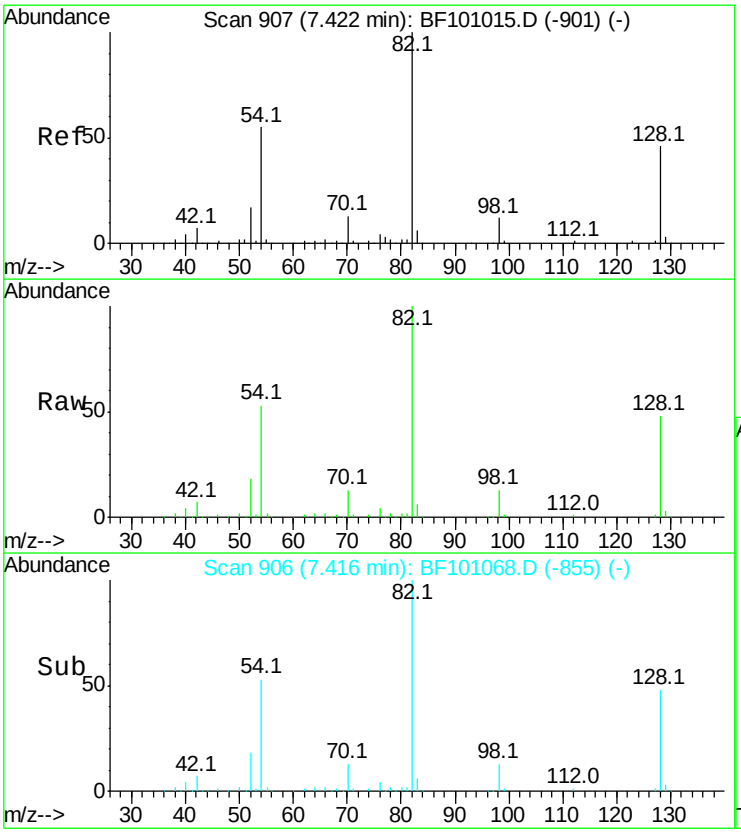
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 207623

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.1	6.6	9.8
68	4.8	5.0	7.4#

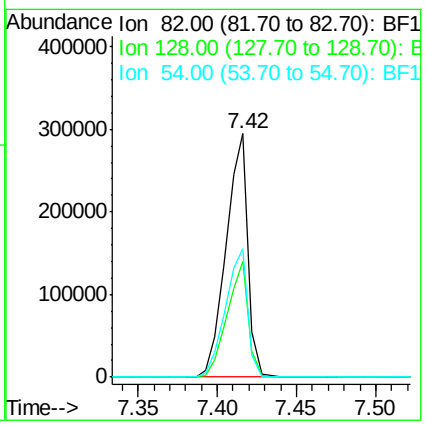


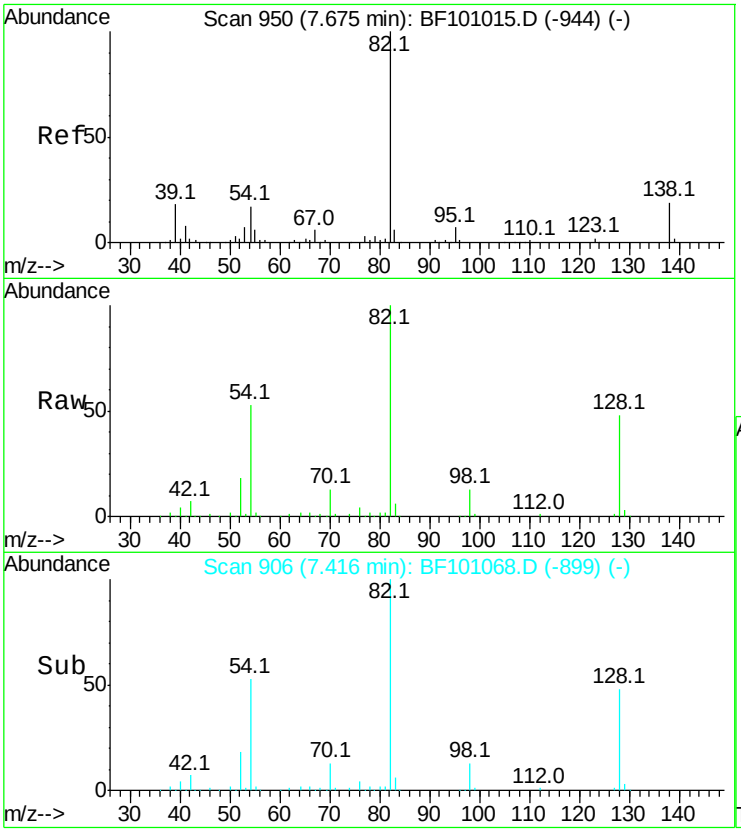


#23
Nitrobenzene-d5
Concen: 80.245 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Tgt Ion: 82 Resp: 279293

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	52.6	41.4	62.2



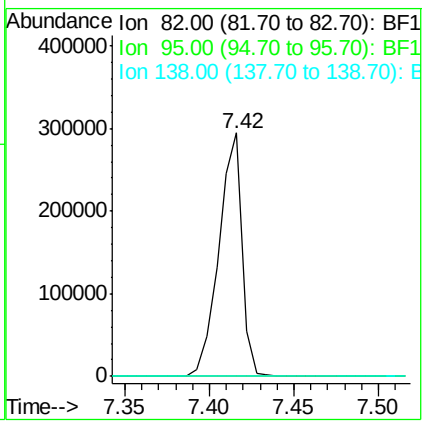


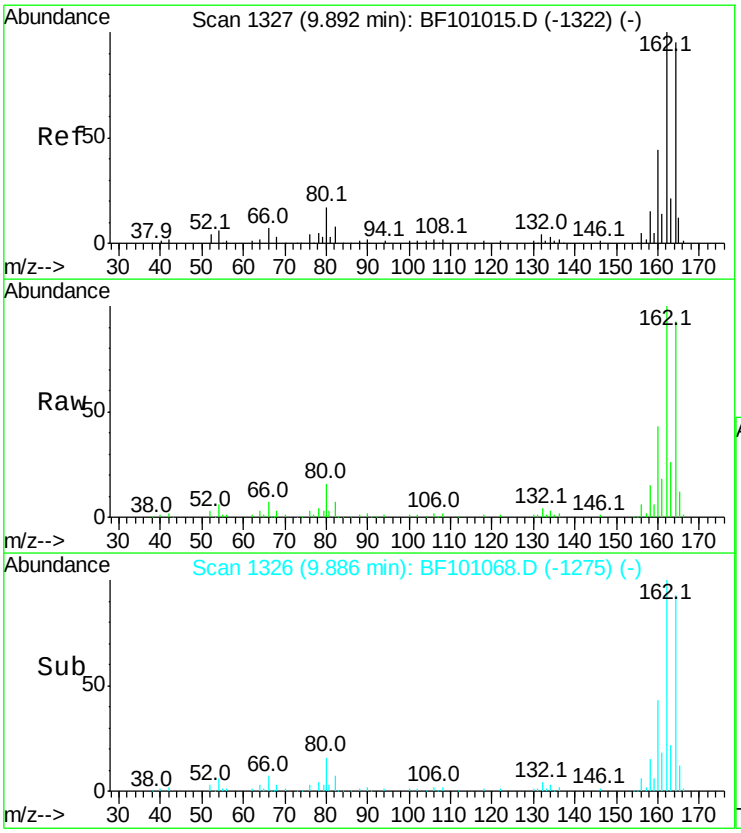
#25
Isophorone
Concen: 46.978 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 279290

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

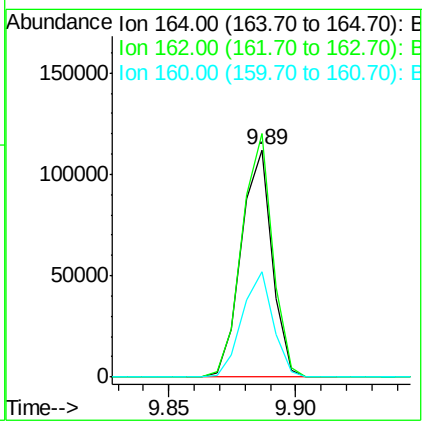


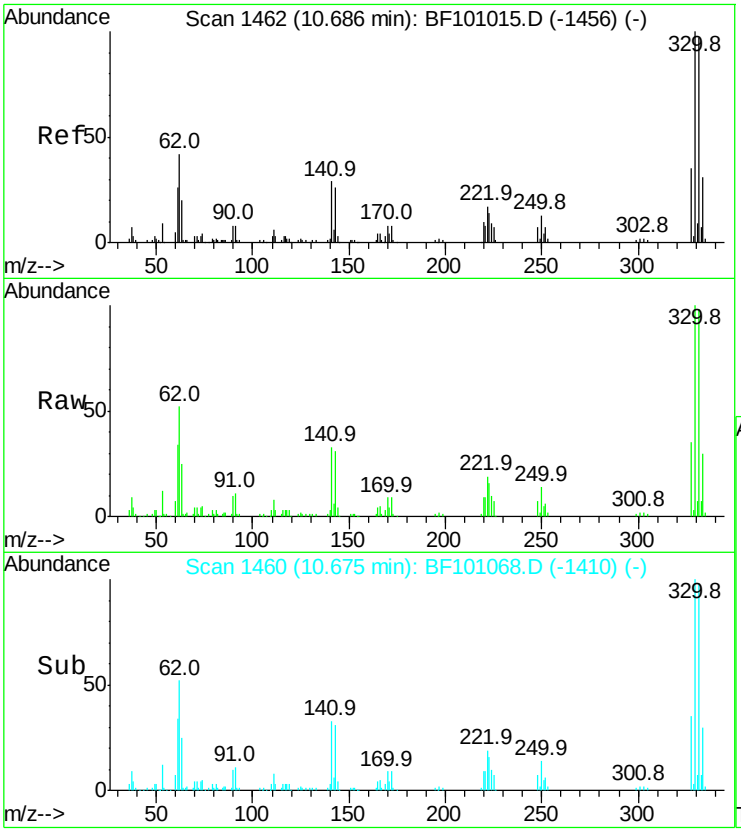


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Tgt Ion:164 Resp: 94654

Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.1	129.1
160	46.4	38.3	57.5



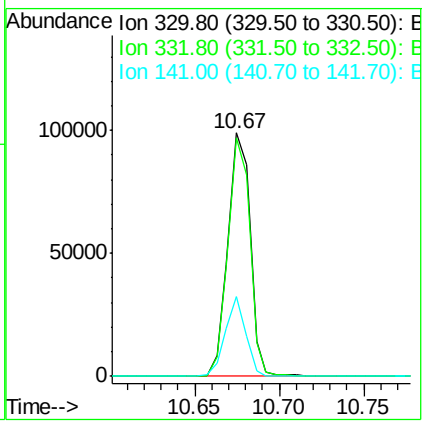


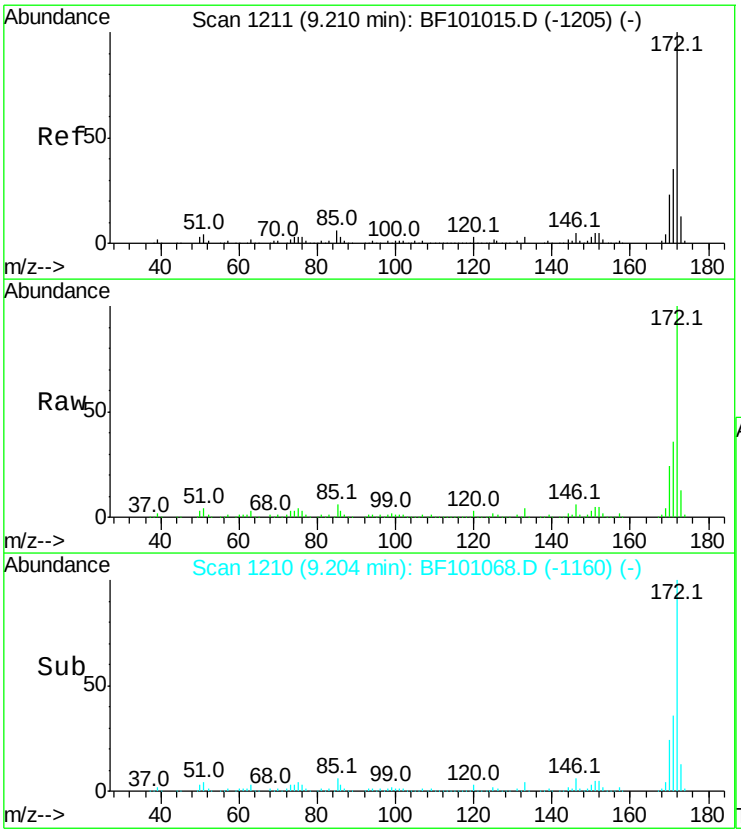
#41
2,4,6-Tribromophenol
Concen: 80.001 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:330 Resp: 90966

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	29.8	29.9	44.9#

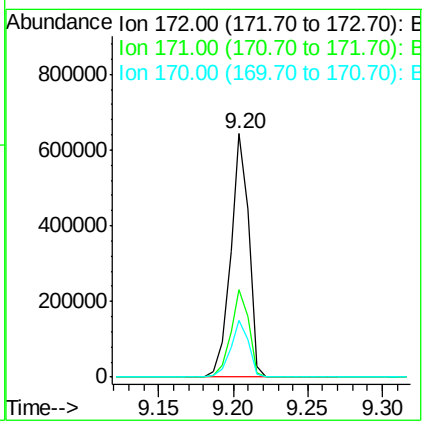


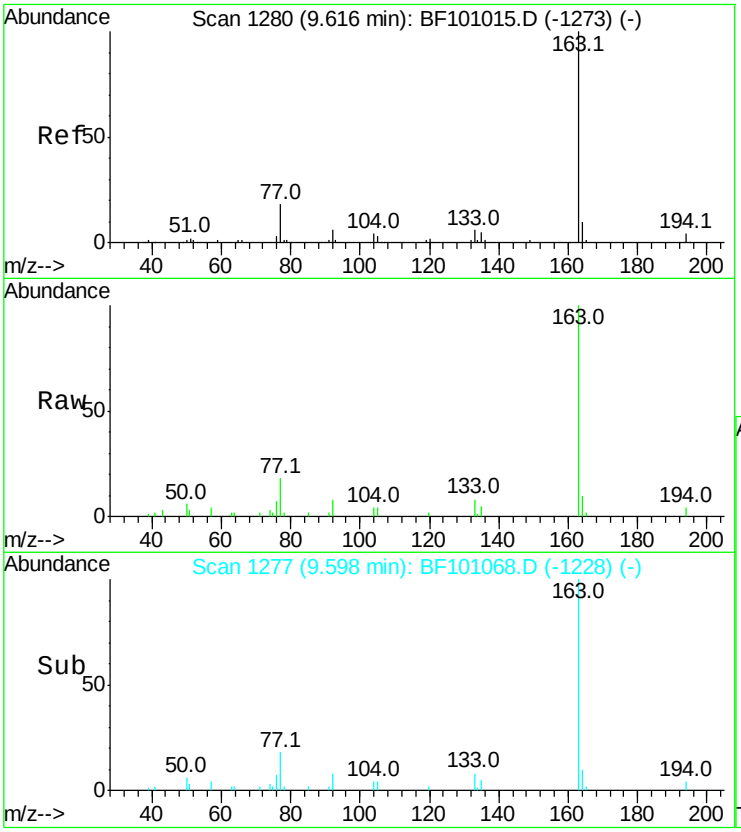


#44
2-Fluorobiphenyl
Concen: 79.717 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Tgt Ion:172 Resp: 551497

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.5	19.6	29.4



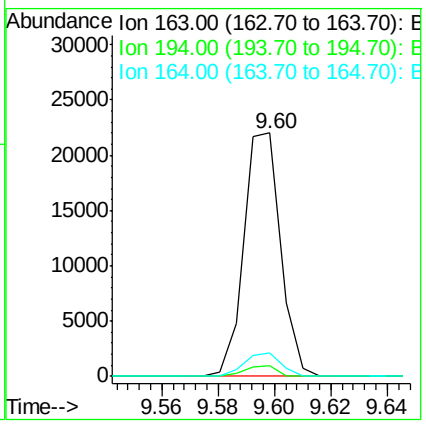


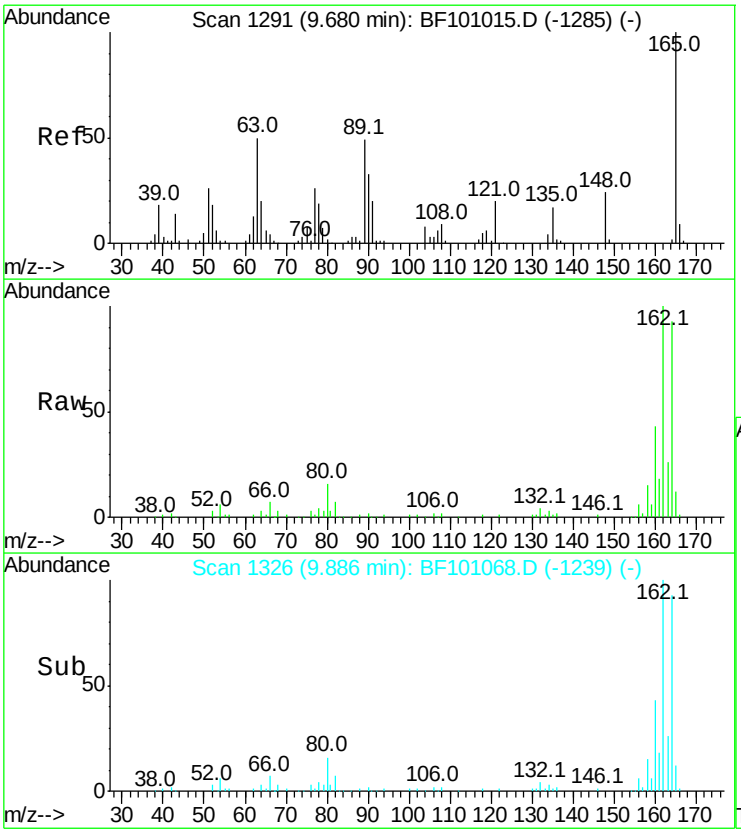
#49
Dimethylphthalate
Concen: 2.603 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:163 Resp: 19874

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	9.5	8.2	12.2

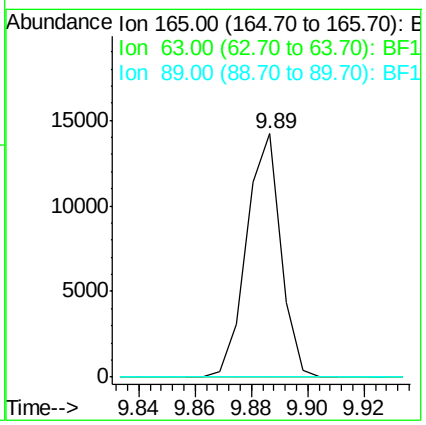


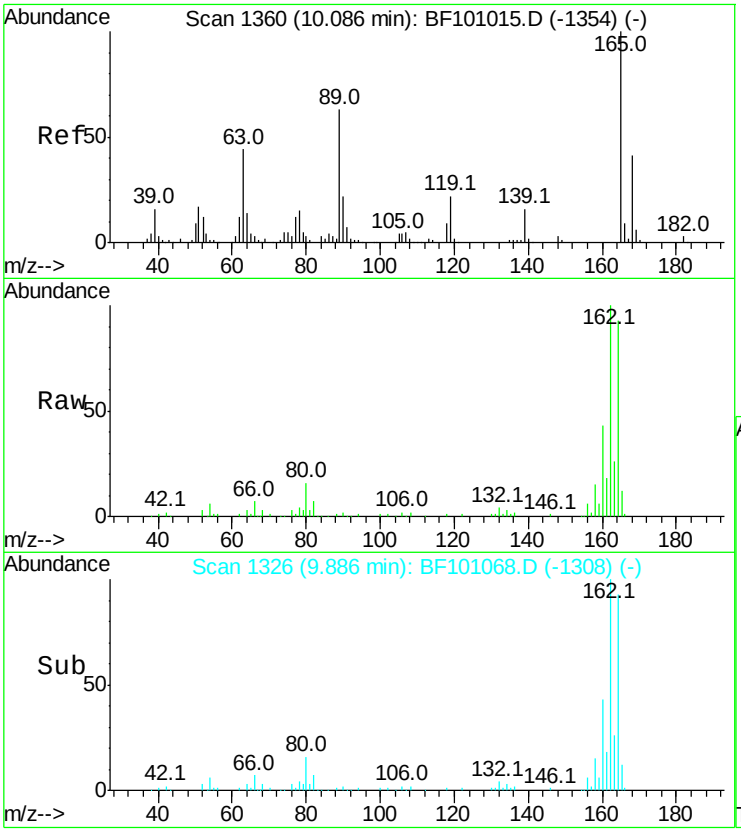


#50
2,6-Dinitrotoluene
Concen: 7.411 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Tgt Ion:165 Resp: 11915

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



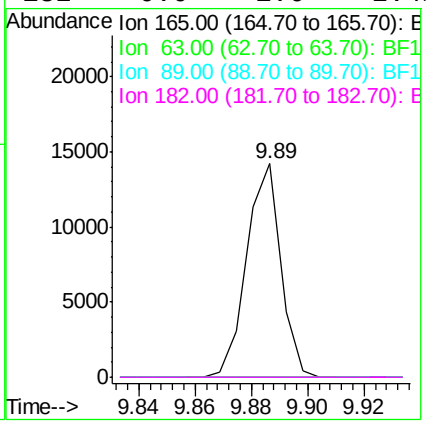


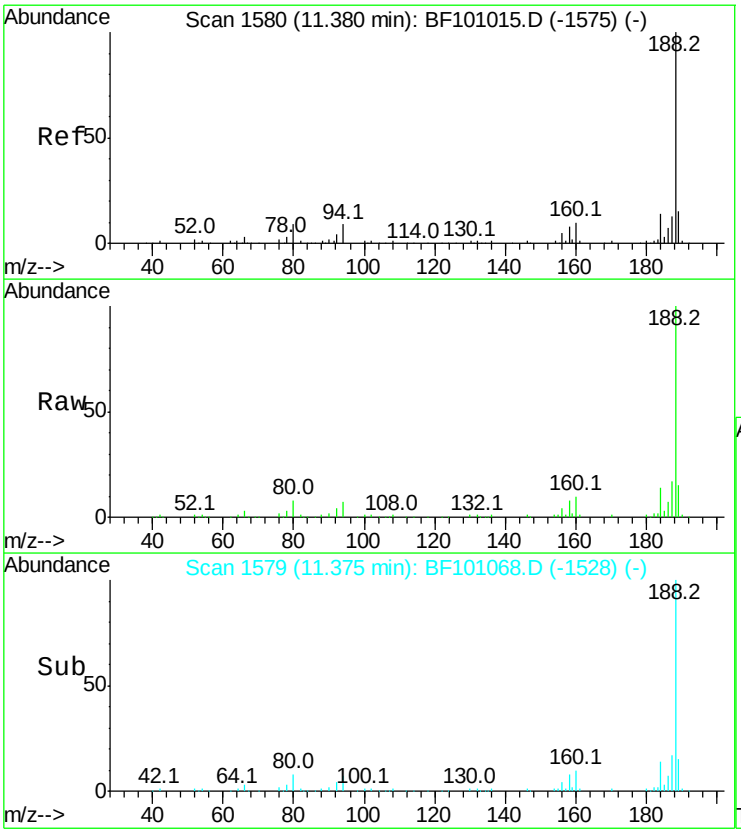
#56
2,4-Dinitrotoluene
Concen: 5.530 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 11915

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#

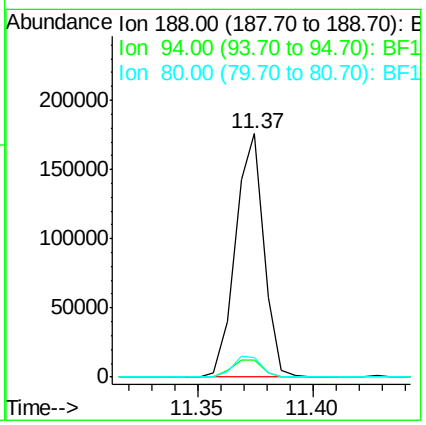


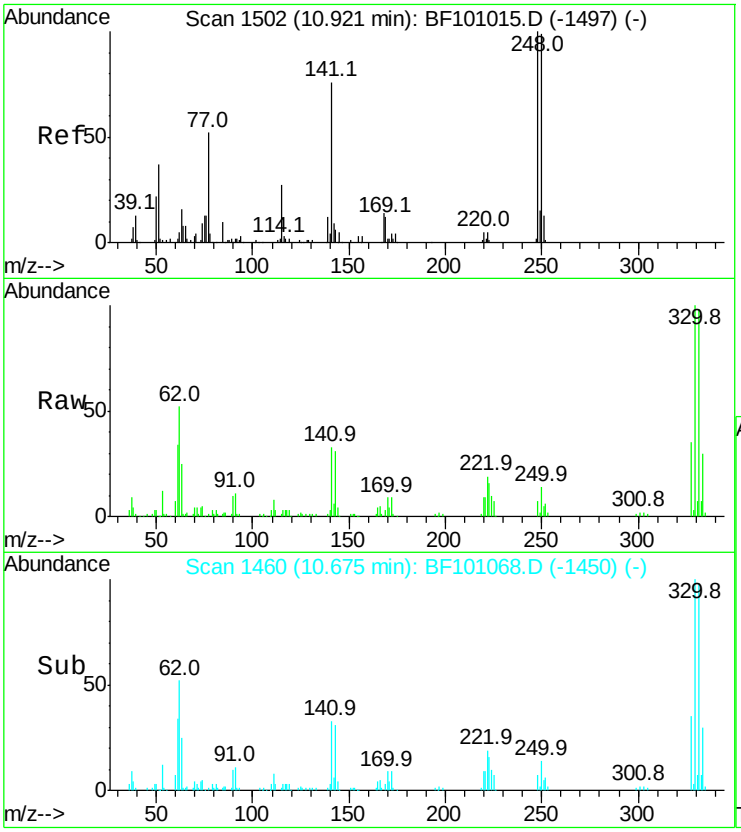


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Tgt Ion:188 Resp: 150322

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.5	12.7#
80	7.8	9.2	13.8#



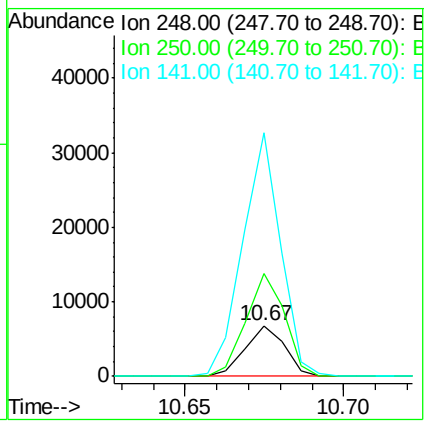


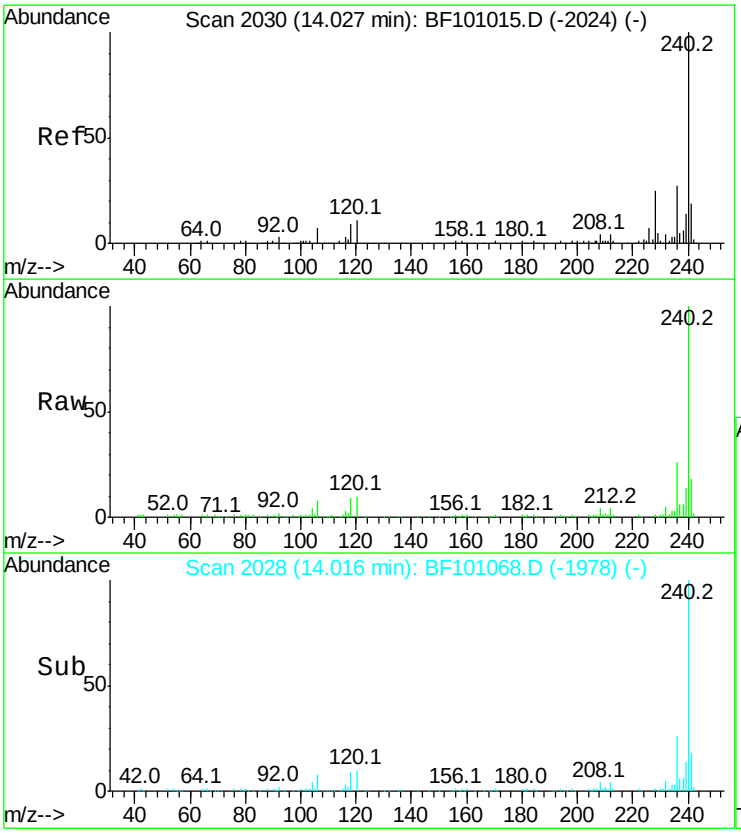
#66
4-Bromophenyl-phenylether
Concen: 3.458 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:248 Resp: 5818

Ion	Ratio	Lower	Upper
248	100		
250	205.0	76.9	115.3#
141	482.7	74.4	111.6#

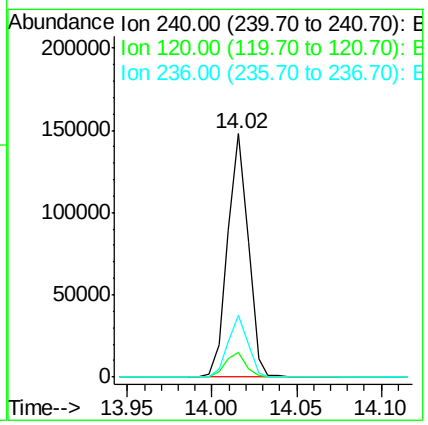


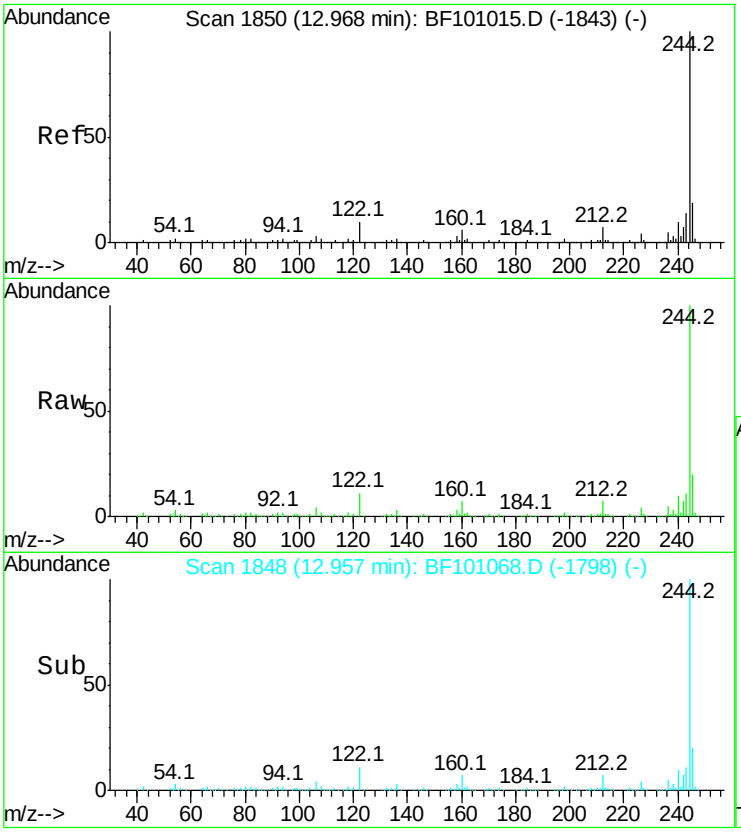


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Tgt Ion:240 Resp: 124769

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.6	20.7	31.1



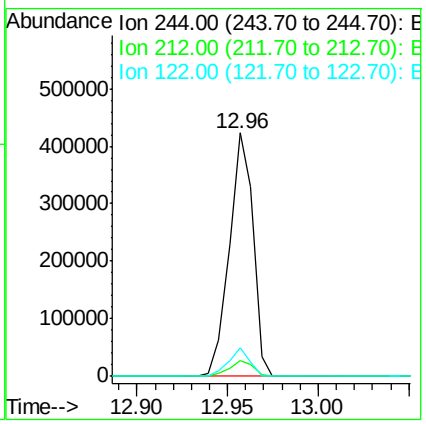


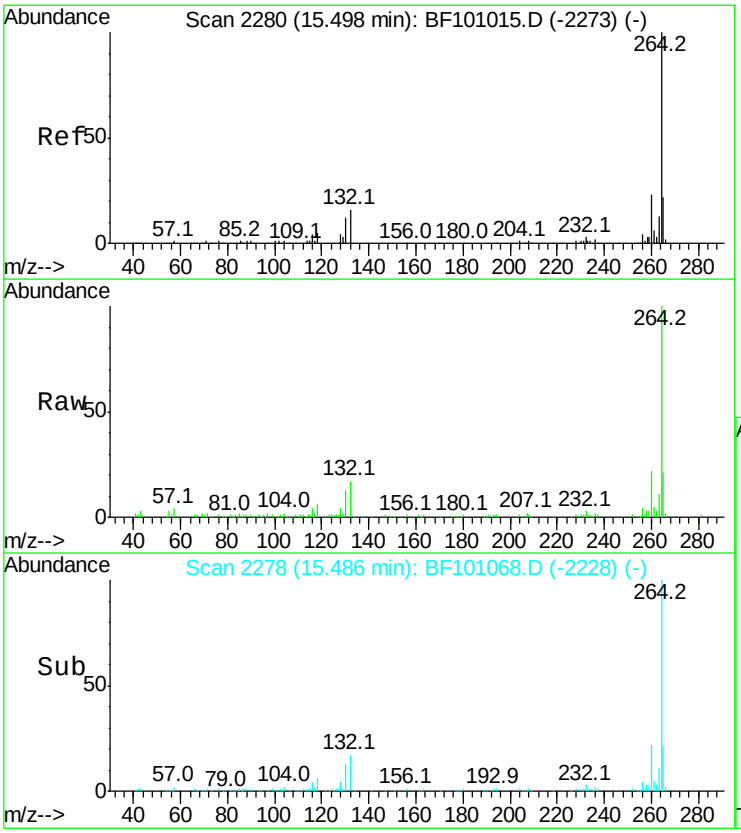
#78
Terphenyl-d14
Concen: 67.381 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:244 Resp: 384364

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF101068.D
Acq: 1 Dec 2017 17:31

Tgt Ion:264 Resp: 111973

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.4	17.5	26.3