Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101069.D
Acq On : 1 Dec 2017 17:58
Operator : SJ/JU
Sample : I6639-01RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-SP

Quant Time: Dec 01 21:51:43 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	52168	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	201766	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	88085	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	140182	20.00	ng		0.00
75) Chrysene-d12	14.02	240	117980	20.00	ng		0.00
86) Perylene-d12	15.49	264	109581	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	299689	94.93	ng		0.00
7) Phenol-d6	6.48	99	363878	94.93	ng		0.00
23) Nitrobenzene-d5	7.41	82	221472	65.48	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	68390	64.63	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	424038	65.86	ng		0.00
78) Terphenyl-d14	12.96	244	292315	54.19	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	15418	3.618	ng		98
19) n-Nitroso-di-n-propylamine	7.41	70	28398	11.001	ng	#	85
25) Isophorone	7.41	82	221468	38.334	ng	#	64
49) Dimethylphthalate	9.60	163	22026	3.101	ng		97
50) 2,6-Dinitrotoluene	9.89	165	11276	7.536	ng	#	24
56) 2,4-Dinitrotoluene	9.89	165	11276	5.623	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	4494	2.864	ng	#	1

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

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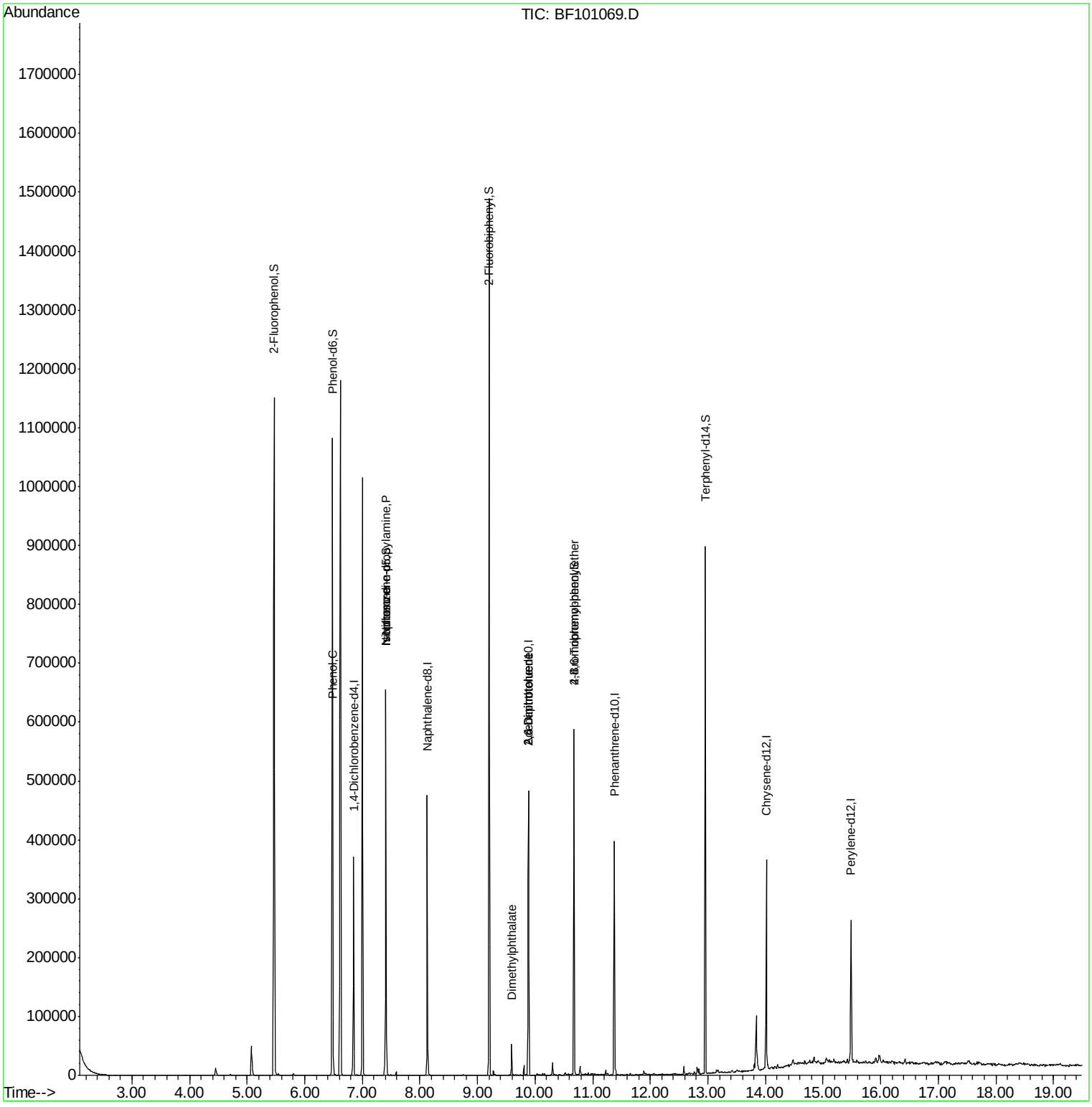
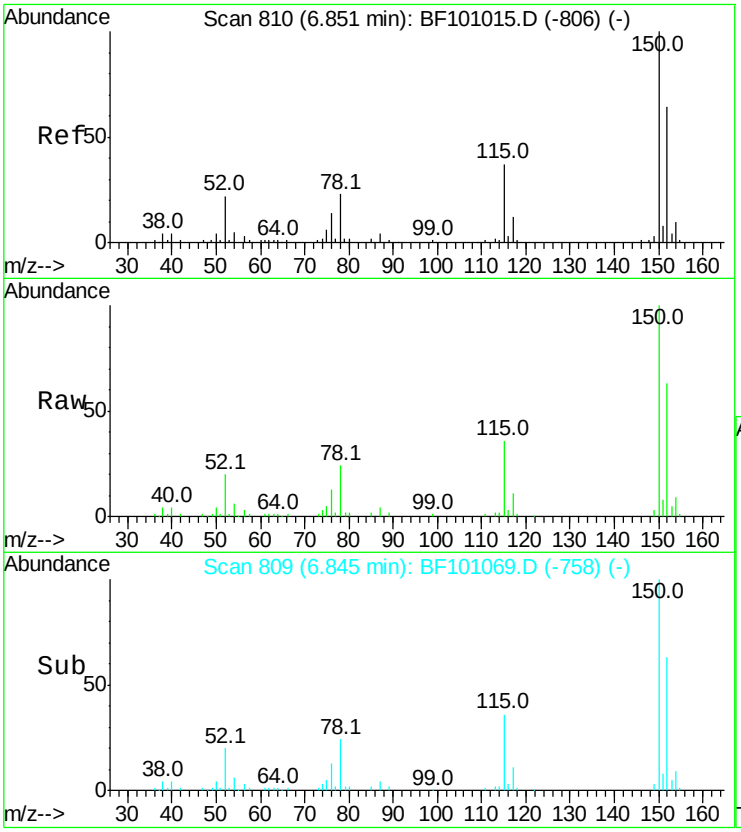


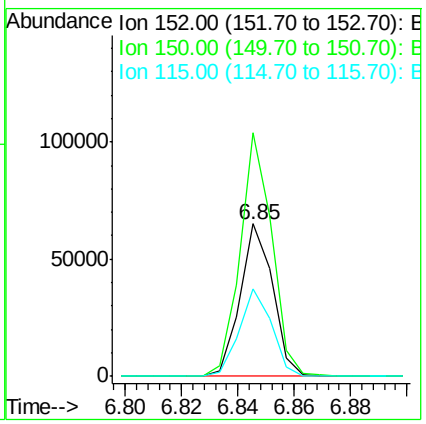


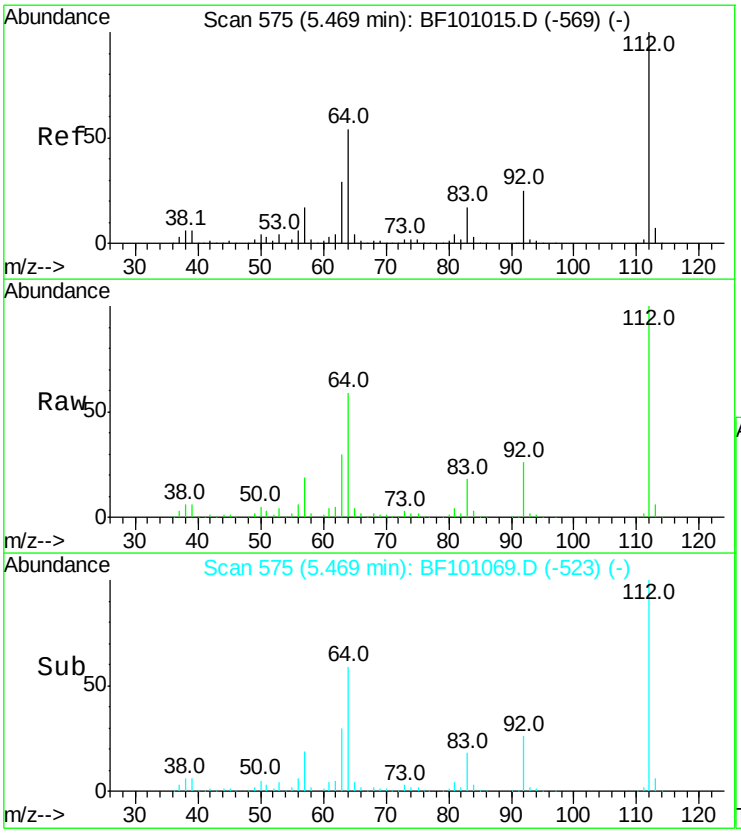
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Instrument :
BNA_F
ClientSampleId :
MH-SP

Tgt Ion:152 Resp: 52168

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	57.7	50.1	75.1

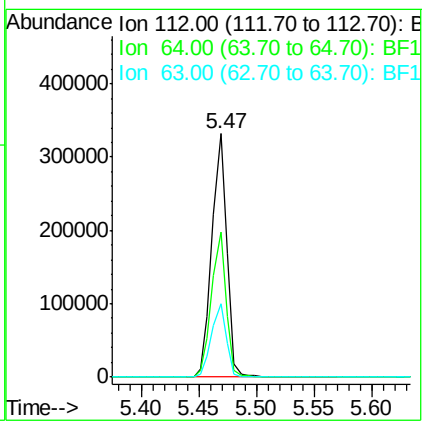


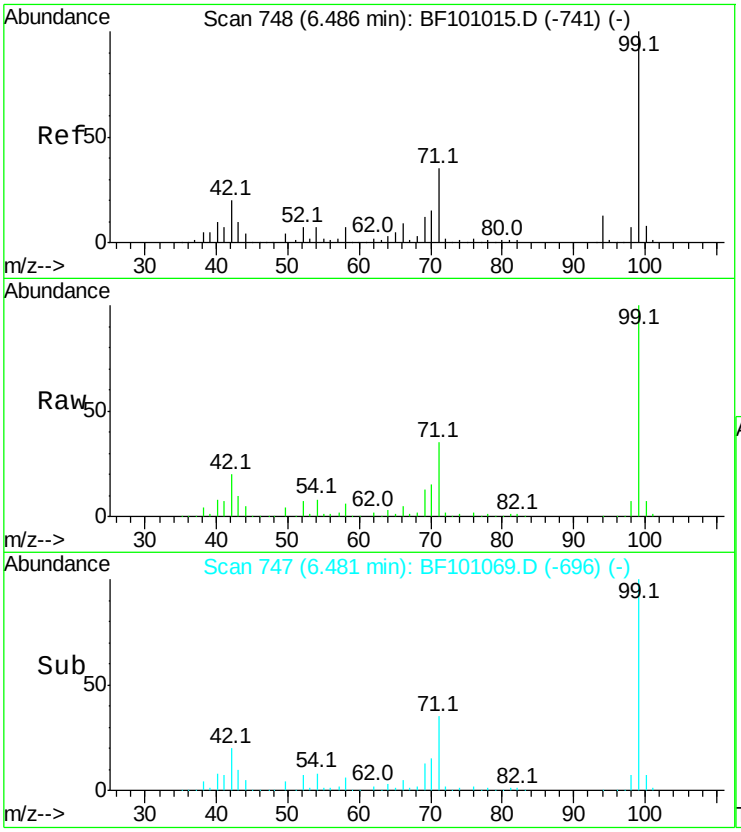


#5
2-Fluorophenol
Concen: 94.928 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Tgt Ion:112 Resp: 299689

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.0	23.7	35.5



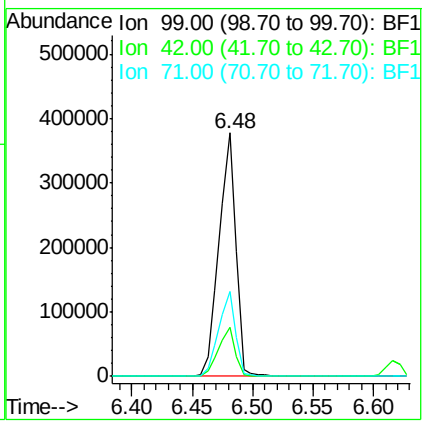


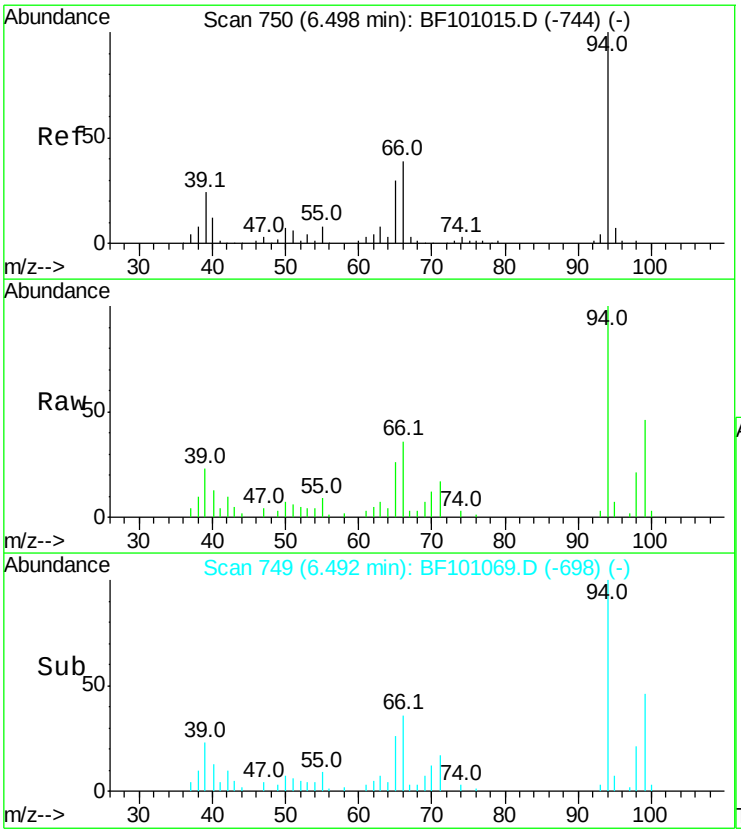
#7
Phenol-d6
Concen: 94.935 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Instrument :
BNA_F
ClientSampleId :
MH-SP

Tgt Ion: 99 Resp: 363878

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	34.9	25.4	38.0

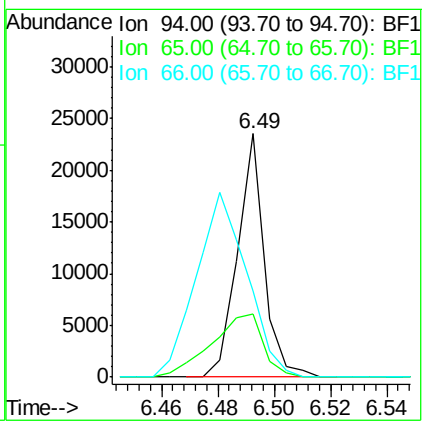


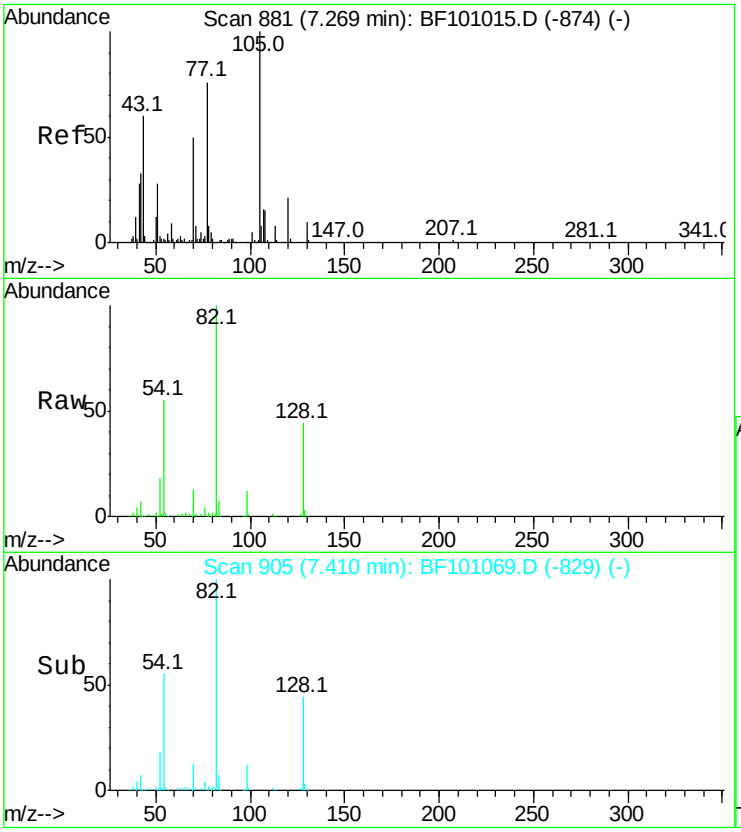


#10
Phenol
Concen: 3.618 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Tgt Ion: 94 Resp: 15418

Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	35.5	16.2	56.2



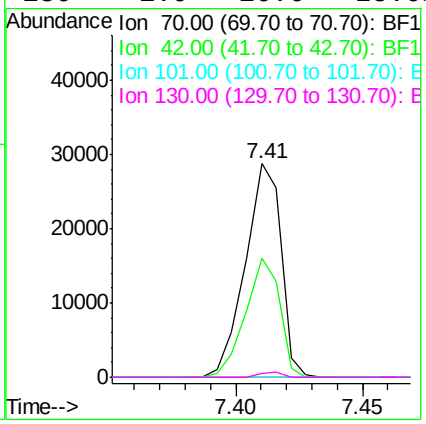


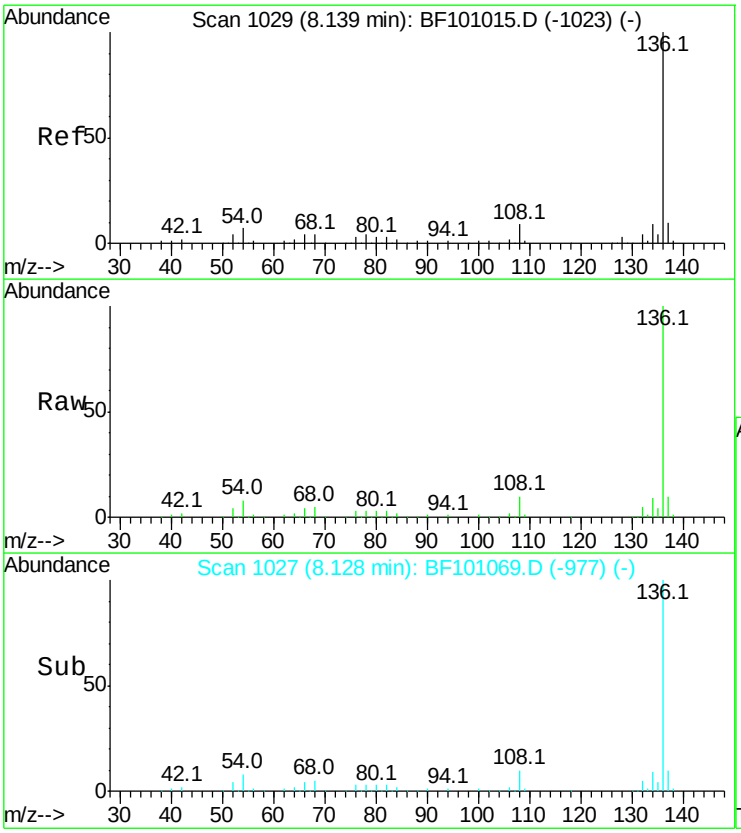
#19
n-Nitroso-di-n-propylamine
Concen: 11.001 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Instrument :
BNA_F
ClientSampleId :
MH-SP

Tgt Ion: 70 Resp: 28398

Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

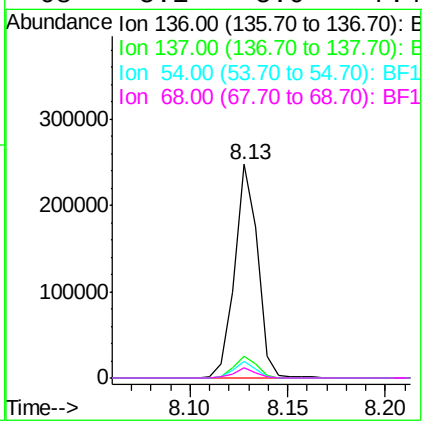


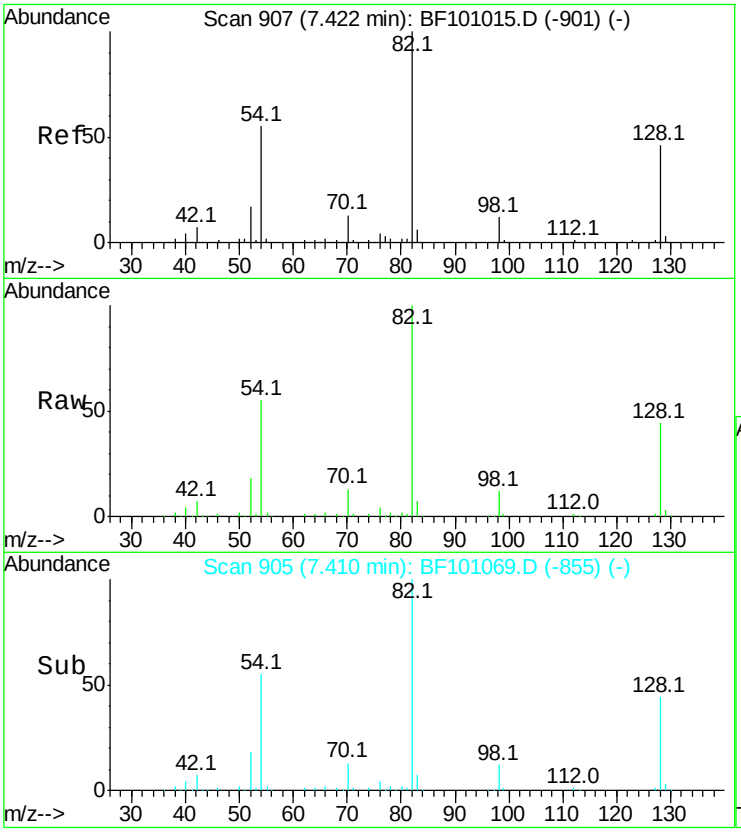


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Tgt Ion:136 Resp: 201766

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	7.5	6.6	9.8
68	5.1	5.0	7.4



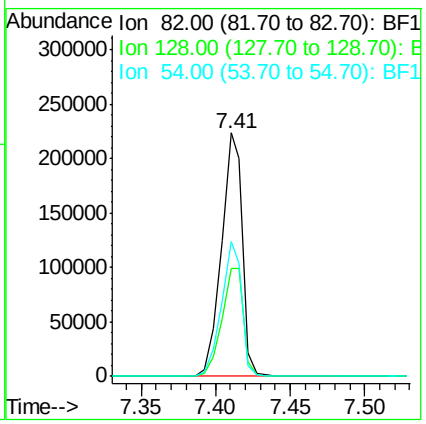


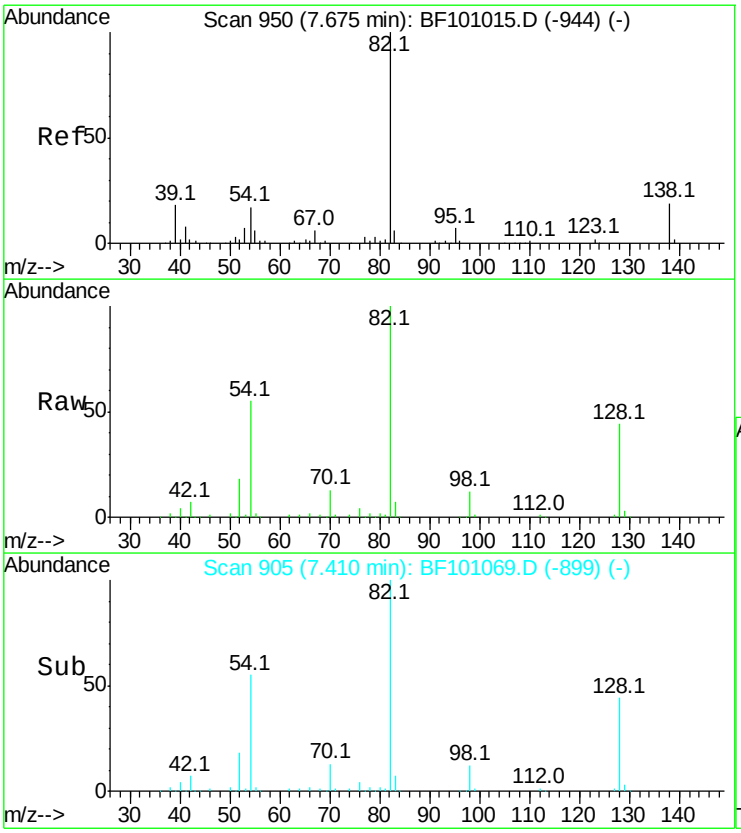
#23
Nitrobenzene-d5
Concen: 65.479 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Instrument :
BNA_F
ClientSampleId :
MH-SP

Tgt Ion: 82 Resp: 221472

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	55.2	41.4	62.2

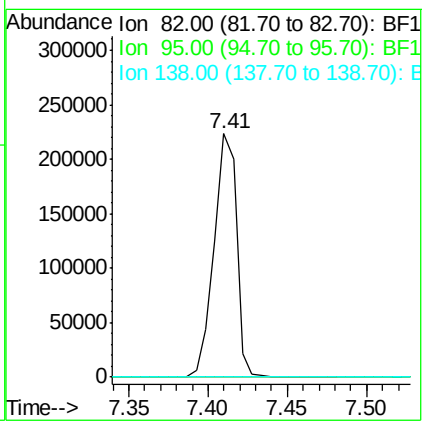


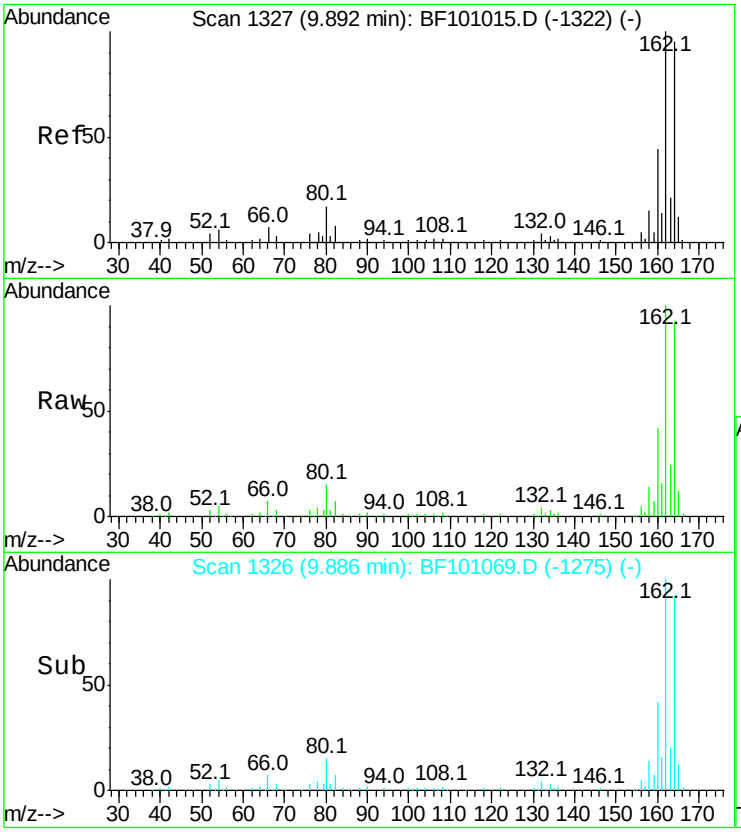


#25
Isophorone
Concen: 38.334 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Tgt Ion: 82 Resp: 221468

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



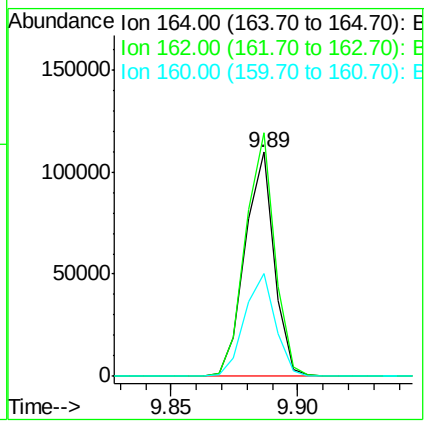


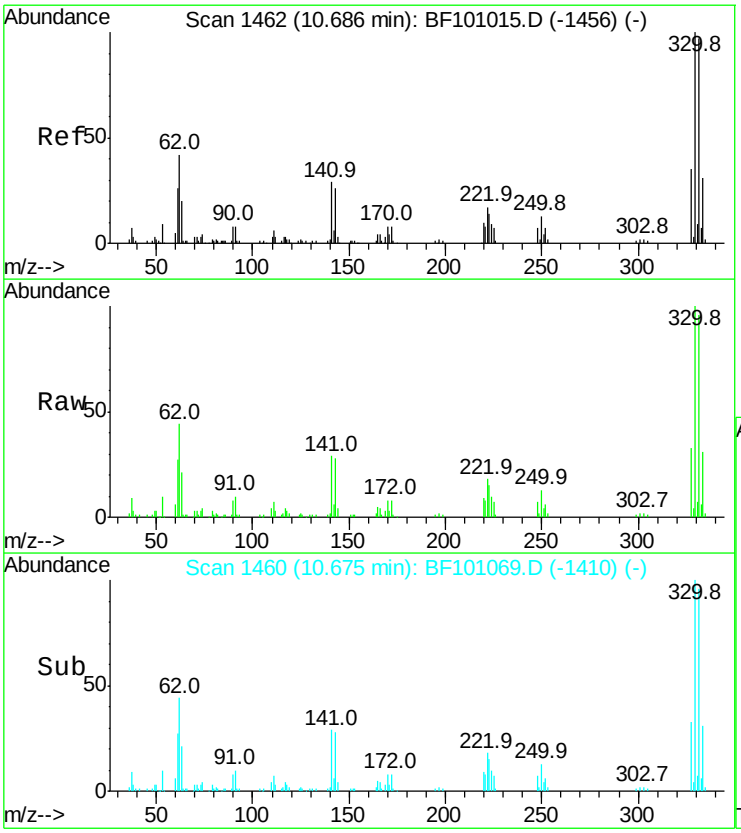
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Instrument :
BNA_F
ClientSampleId :
MH-SP

Tgt Ion:164 Resp: 88085

Ion	Ratio	Lower	Upper
164	100		
162	108.6	86.1	129.1
160	46.1	38.3	57.5

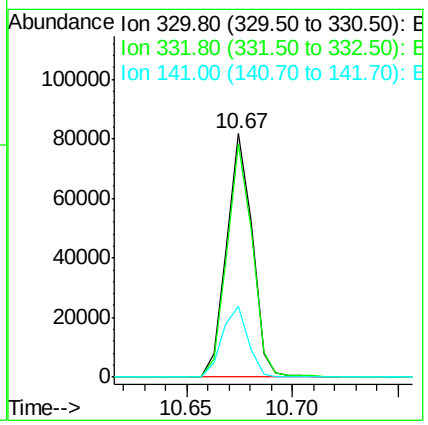


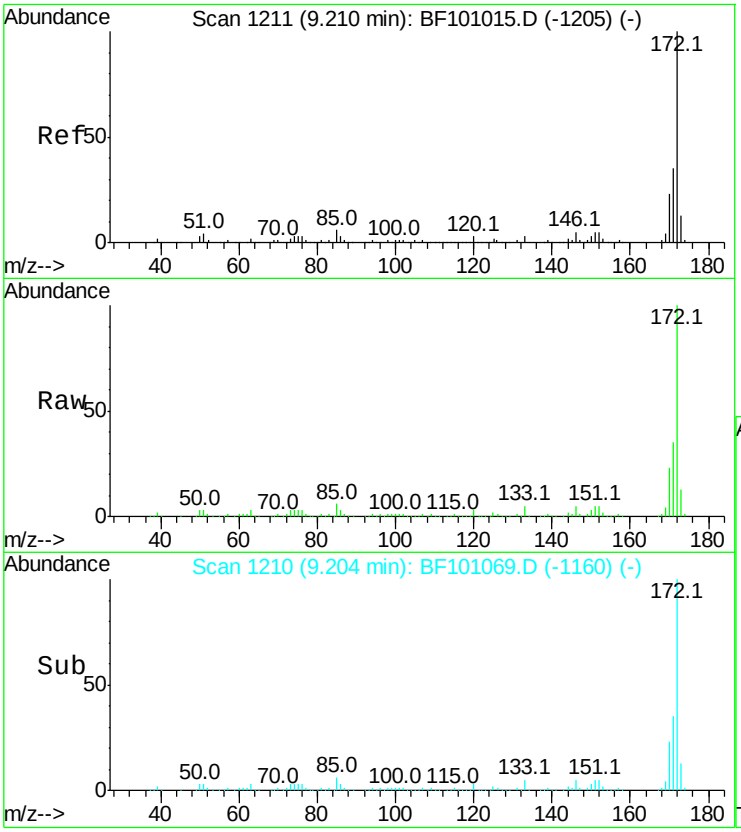


#41
2,4,6-Tribromophenol
Concen: 64.632 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Tgt Ion:330 Resp: 68390

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	29.2	29.9	44.9#

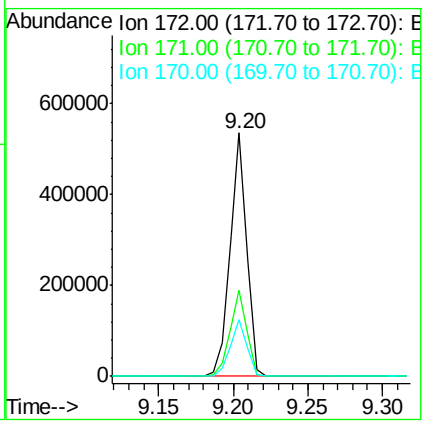




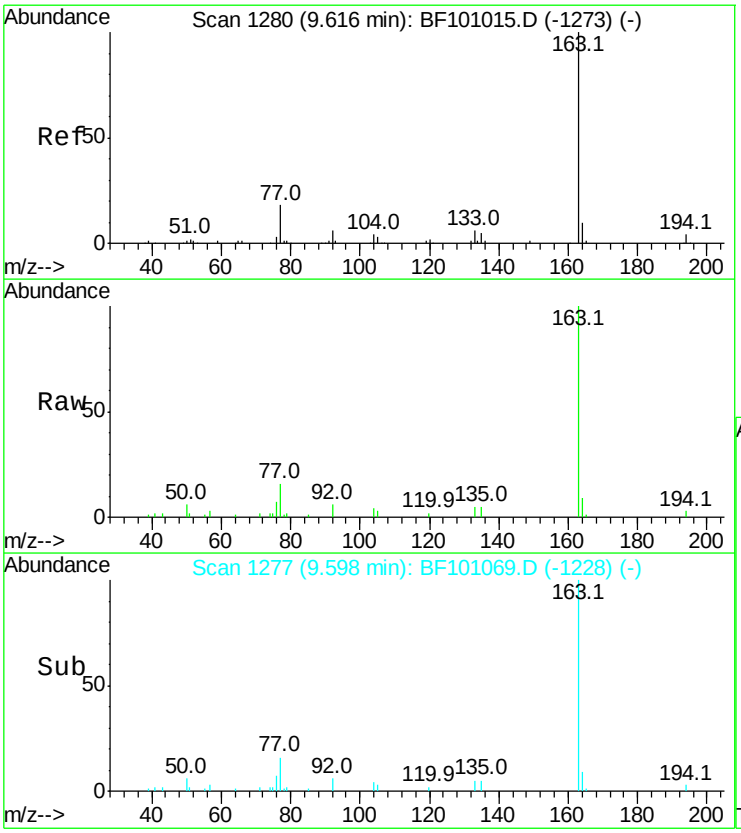
#44
2-Fluorobiphenyl
Concen: 65.865 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Tgt Ion:172 Resp: 424038

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.2	19.6	29.4



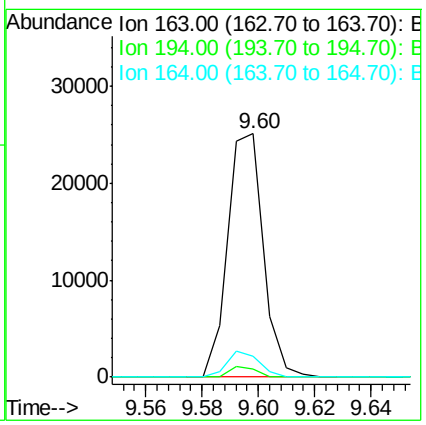
Instrument :
BNA_F
ClientSampleId :
MH-SP

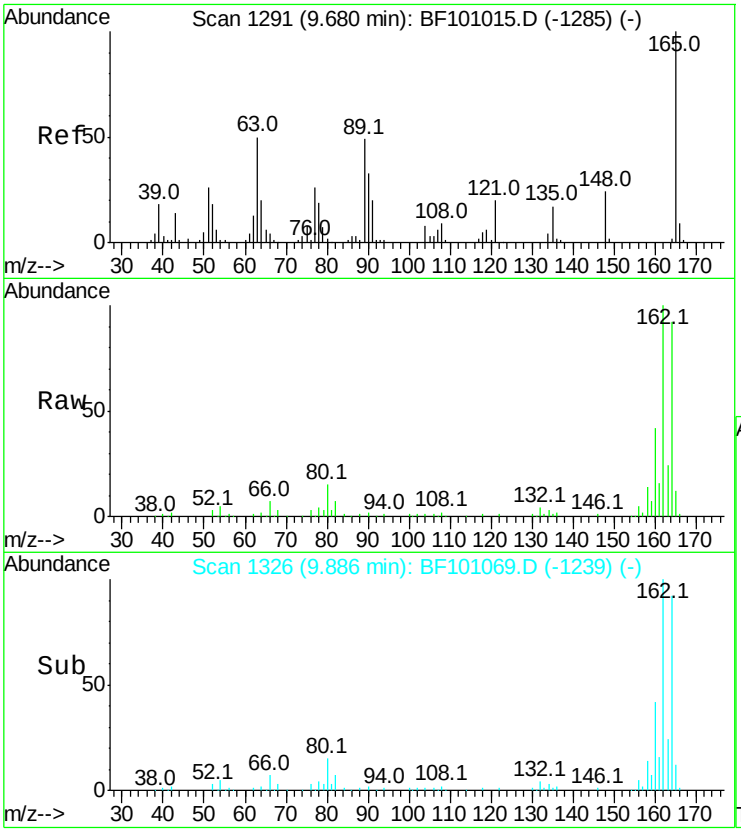


#49
Dimethylphthalate
Concen: 3.101 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Tgt Ion:163 Resp: 22026

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	8.6	8.2	12.2



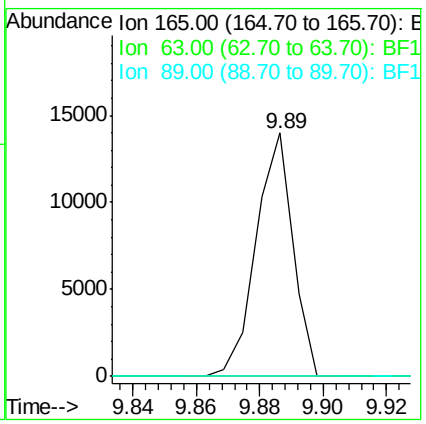


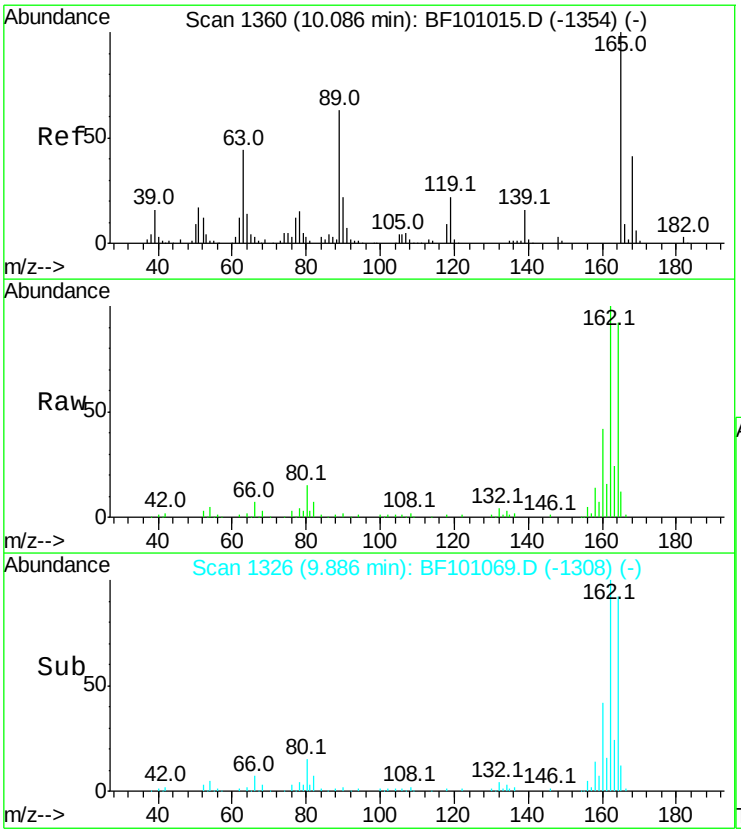
#50
2,6-Dinitrotoluene
Concen: 7.536 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Instrument :
BNA_F
ClientSampleId :
MH-SP

Tgt Ion:165 Resp: 11276

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

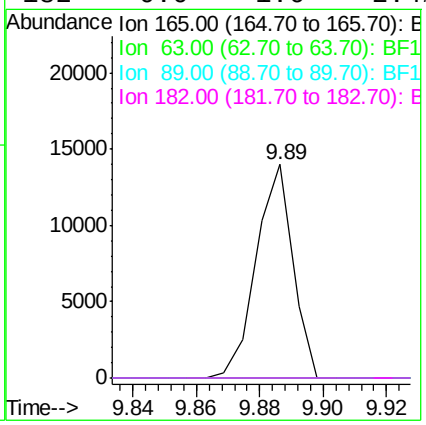


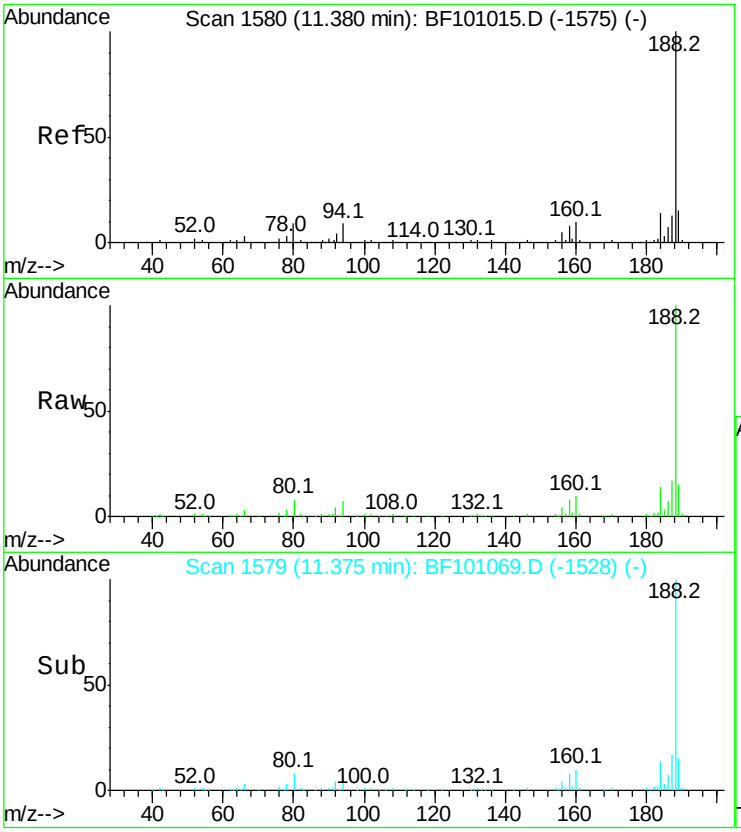


#56
2,4-Dinitrotoluene
Concen: 5.623 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Tgt Ion:165 Resp: 11276

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#



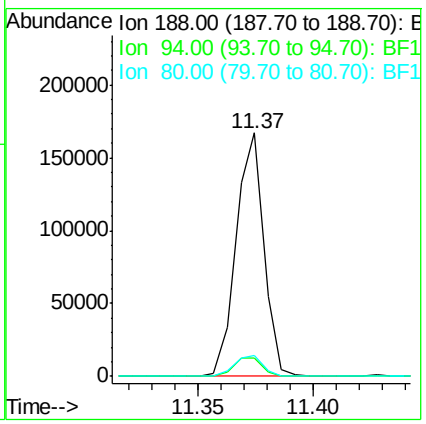


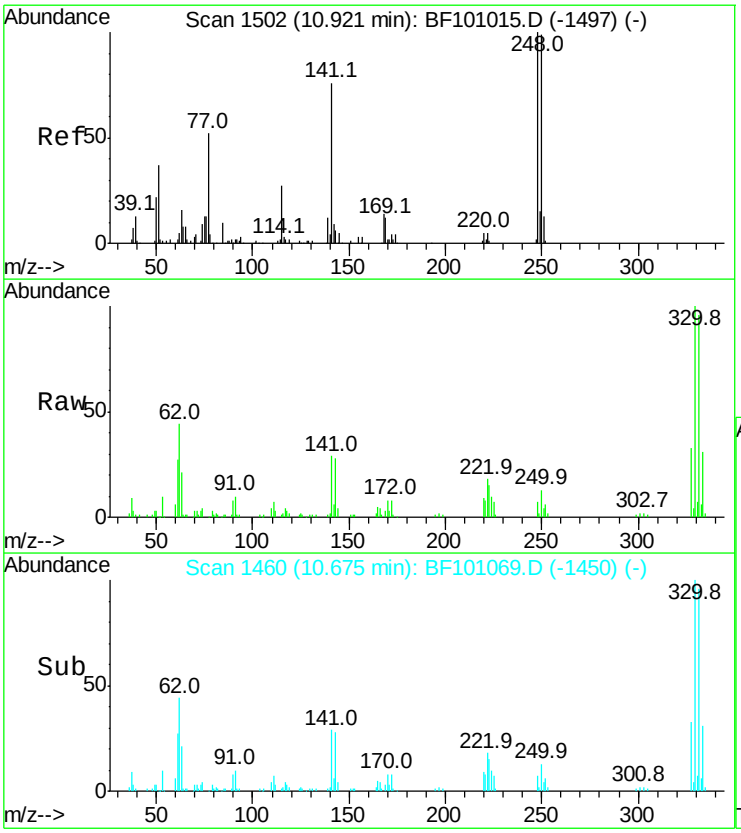
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Instrument :
BNA_F
ClientSampleId :
MH-SP

Tgt Ion:188 Resp: 140182

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	8.5	9.2	13.8#

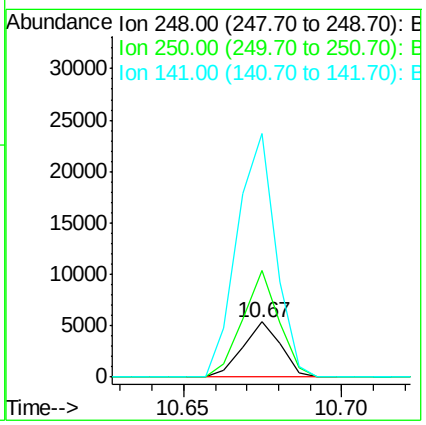


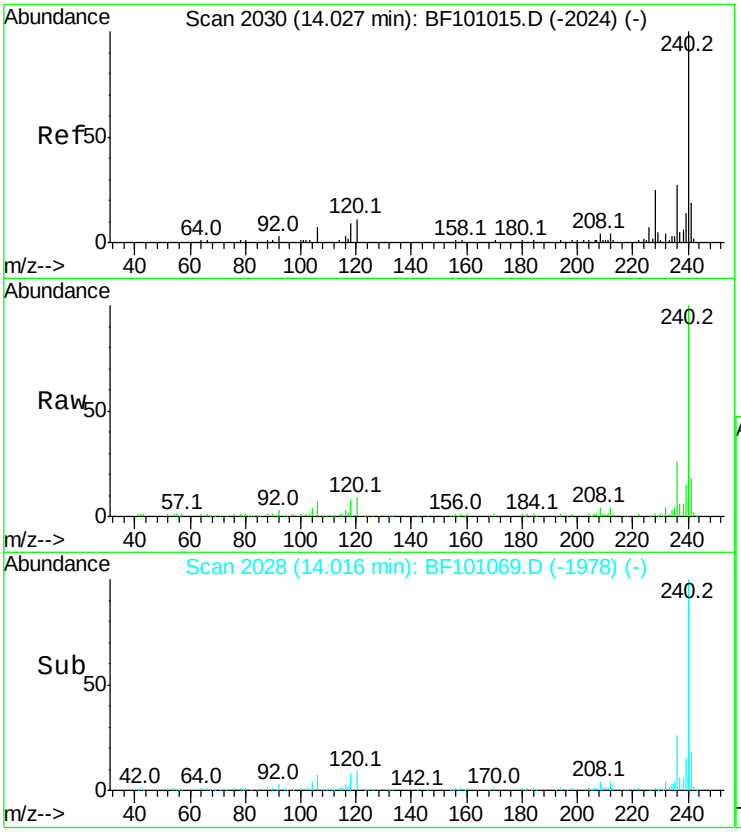


#66
4-Bromophenyl-phenylether
Concen: 2.864 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Tgt Ion:248 Resp: 4494

Ion	Ratio	Lower	Upper
248	100		
250	193.1	76.9	115.3#
141	441.9	74.4	111.6#



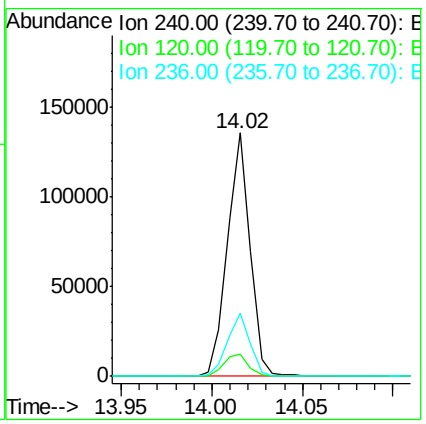


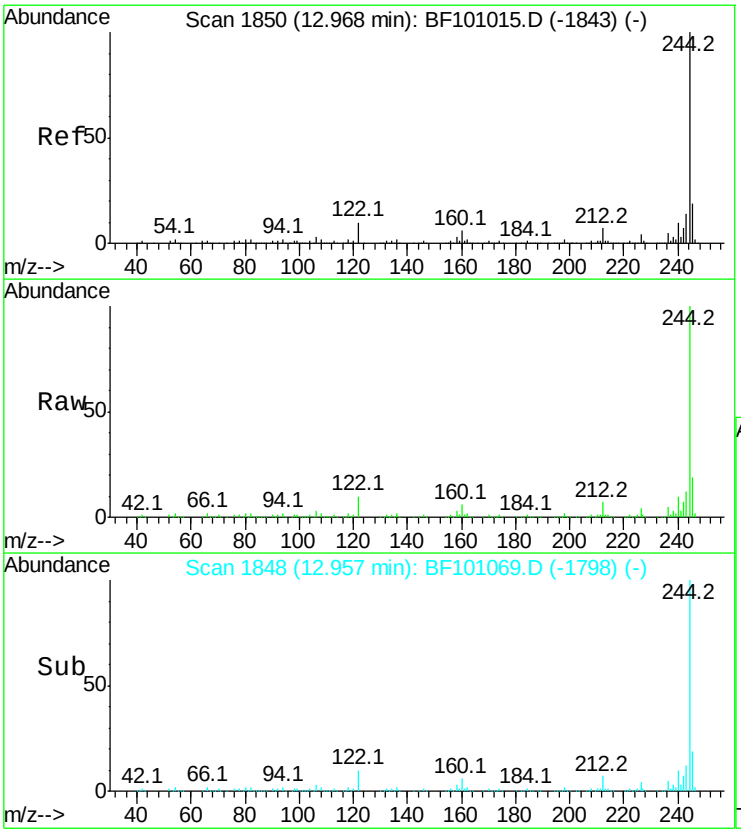
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Instrument :
BNA_F
ClientSampleId :
MH-SP

Tgt Ion:240 Resp: 117980

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	26.0	20.7	31.1

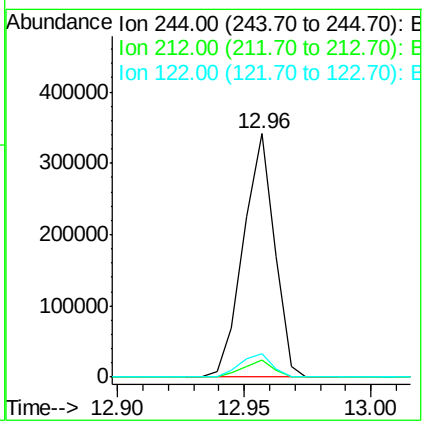


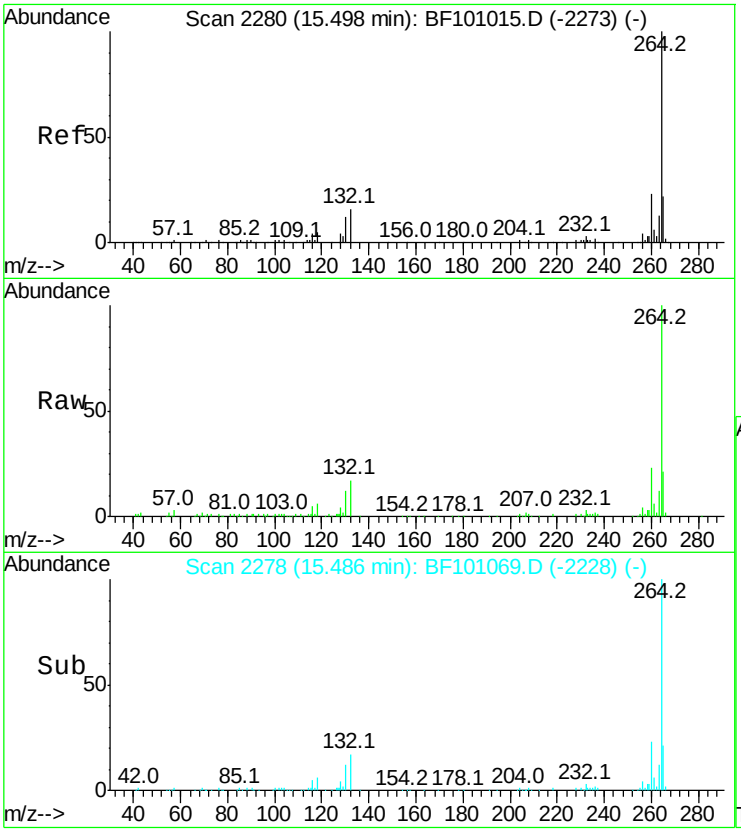


#78
Terphenyl-d14
Concen: 54.193 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101069.D
Acq: 1 Dec 2017 17:58

Tgt Ion:244 Resp: 292315

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.7	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: BF101069.D
Acq: 1 Dec 2017 17:58

Instrument :
BNA_F
ClientSampleId :
MH-SP

Tgt Ion:264 Resp: 109581

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.8	17.5	26.3