Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101800.D
Acq On : 28 Dec 2017 14:16
Operator : SJ/JU
Sample : I6970-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 28 15:32:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	144871	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	553673	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	217677	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	325030	20.00	ng		0.00
75) Chrysene-d12	13.97	240	277547	20.00	ng		0.00
86) Perylene-d12	15.44	264	252074	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	891363	91.65	ng		0.00
7) Phenol-d6	6.43	99	1123484	92.82	ng		0.00
23) Nitrobenzene-d5	7.36	82	700732	70.45	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	142524	67.95	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1098548	78.29	ng		0.00
78) Terphenyl-d14	12.89	244	757587	65.80	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	42239	3.062	ng	#	61
19) n-Nitroso-di-n-propylamine	7.36	70	92487	11.635	ng	#	81
25) Isophorone	7.36	82	700732	35.119	ng	#	64
49) Dimethylphthalate	9.54	163	56694	3.238	ng		100
50) 2,6-Dinitrotoluene	9.82	165	28444	7.993	ng	#	26
56) 2,4-Dinitrotoluene	9.82	165	28444	7.094	ng	#	23
66) 4-Bromophenyl-phenylether	10.62	248	8729	2.390	ng	#	1

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

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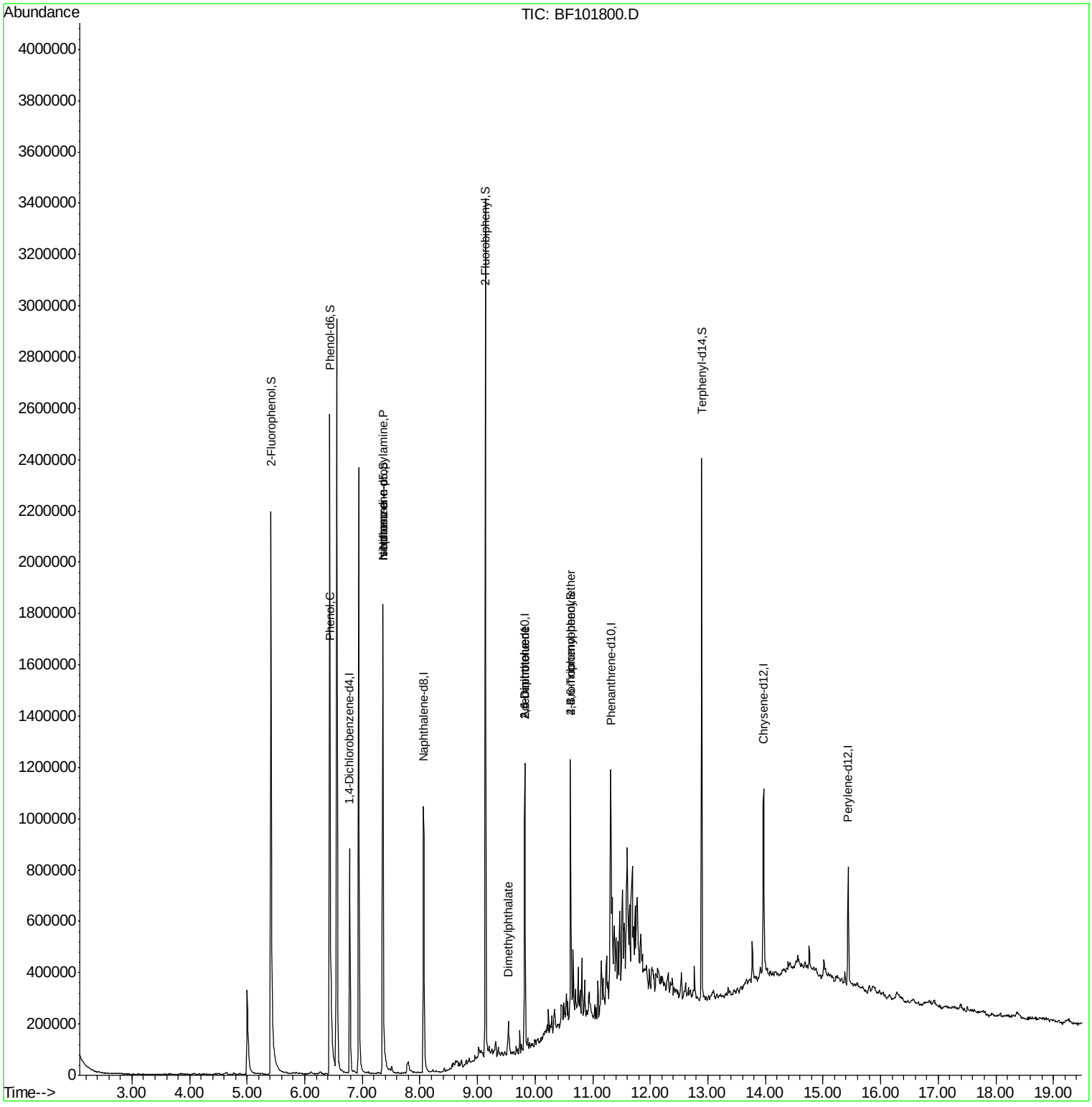
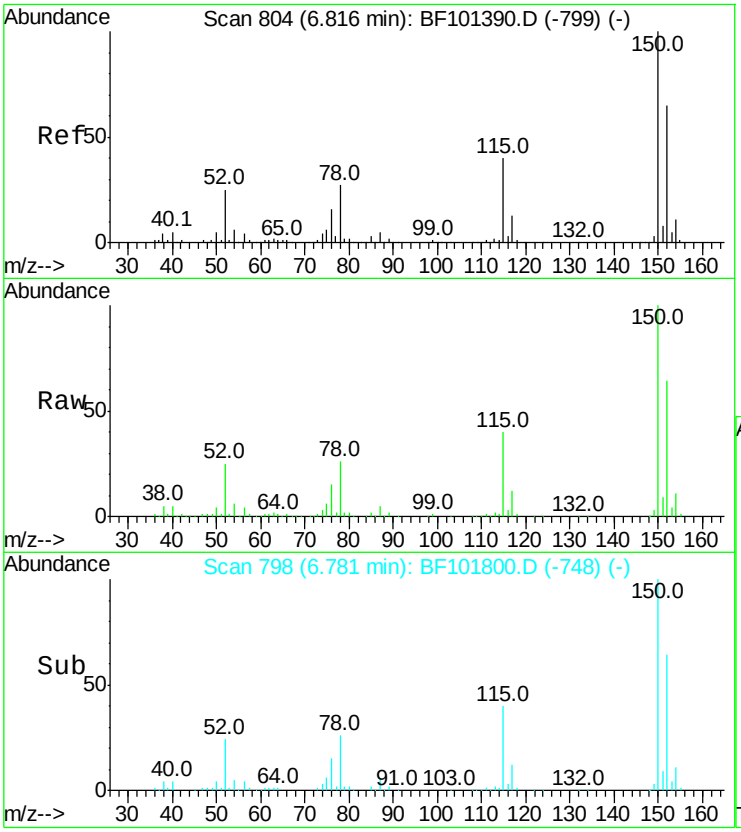


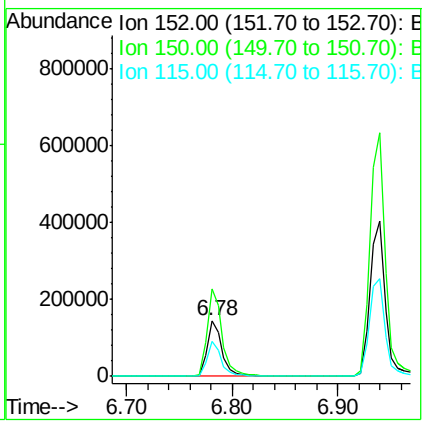


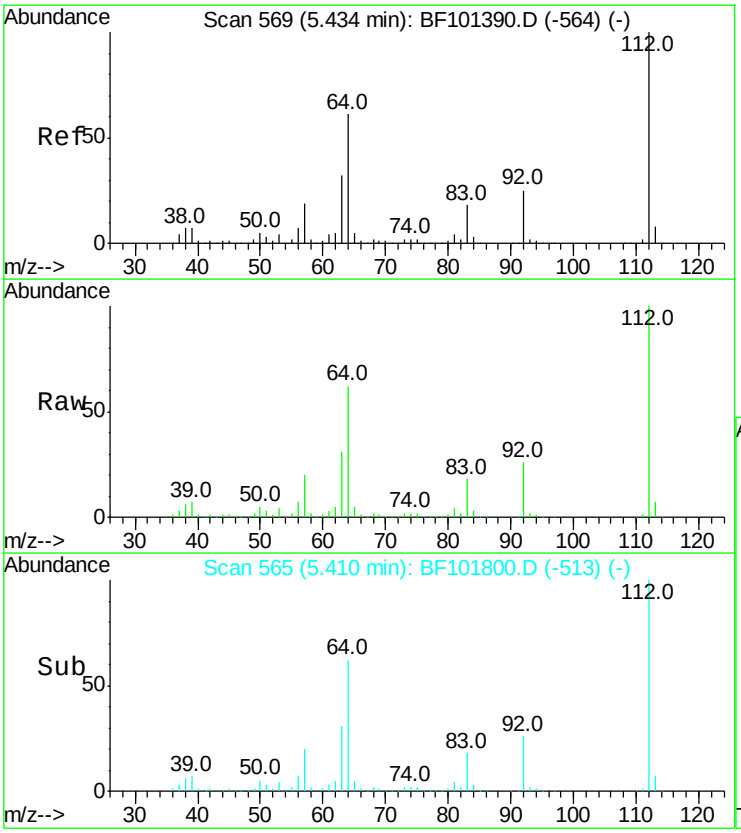
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 144871

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	61.7	50.1	75.1

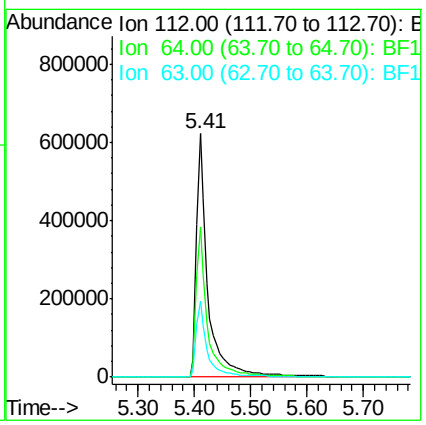


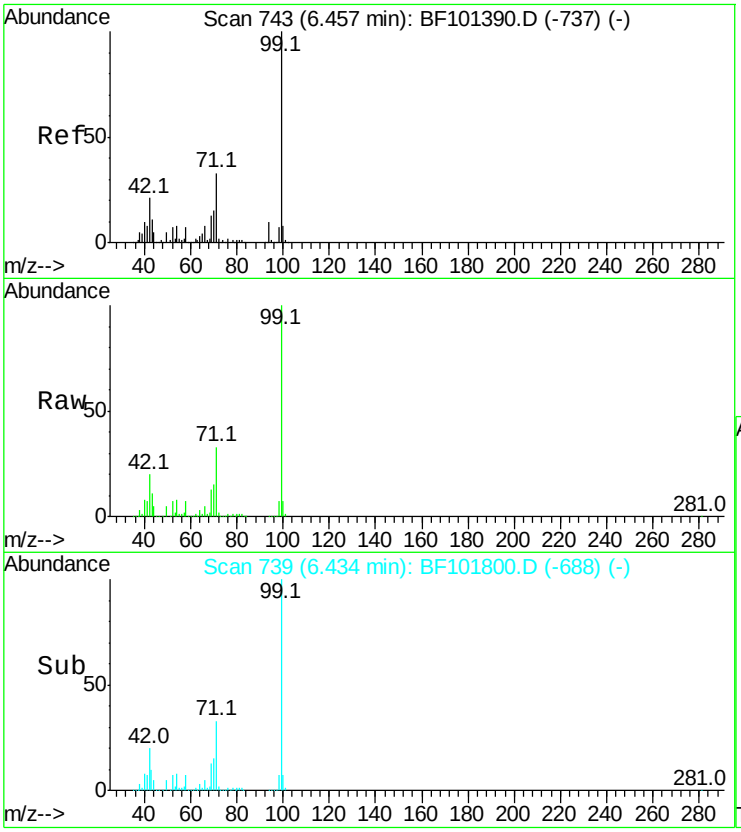


#5
2-Fluorophenol
Concen: 91.651 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Tgt Ion:112 Resp: 891363

Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.9	71.9
63	31.3	23.7	35.5



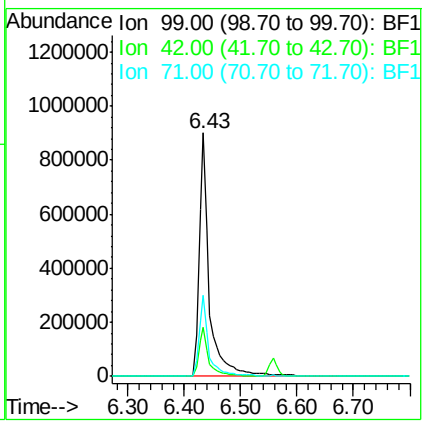


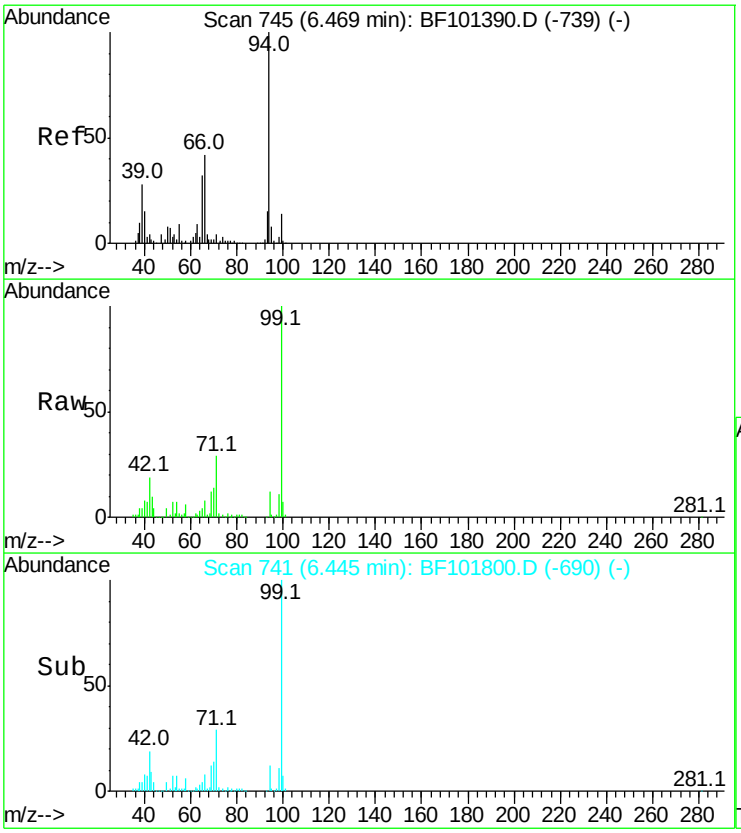
#7
Phenol-d6
Concen: 92.820 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1123484

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	33.4	25.4	38.0

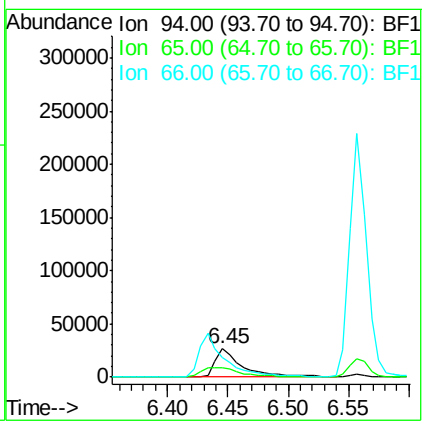


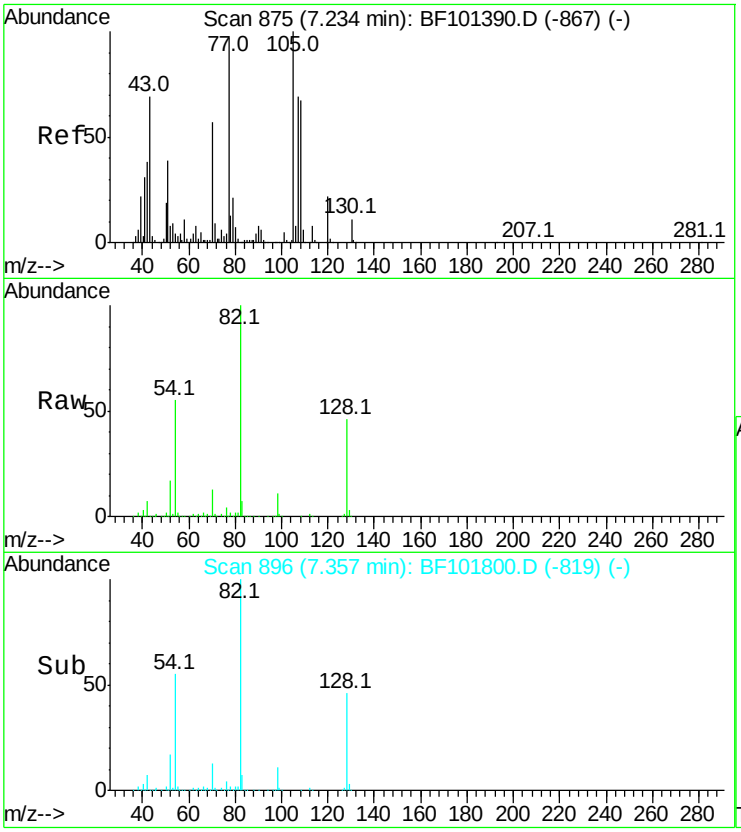


#10
Phenol
Concen: 3.062 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Tgt Ion: 94 Resp: 42239

Ion	Ratio	Lower	Upper
94	100		
65	34.3	7.9	47.9
66	71.5	16.2	56.2#



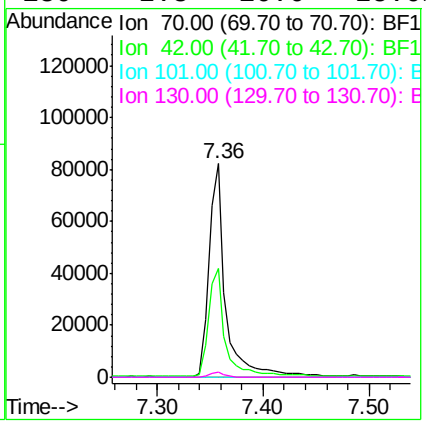


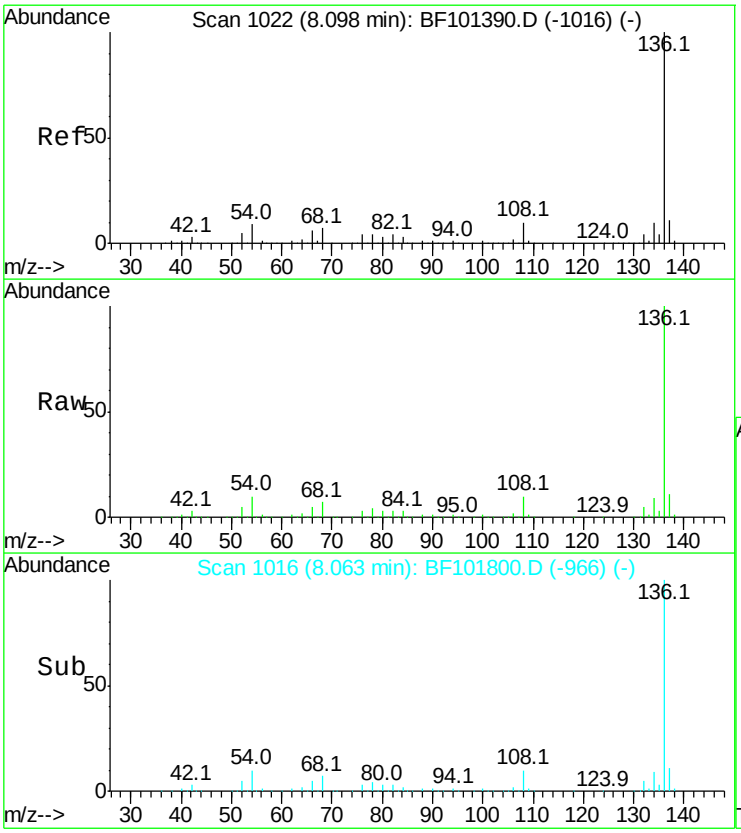
#19
n-Nitroso-di-n-propylamine
Concen: 11.635 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 92487

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

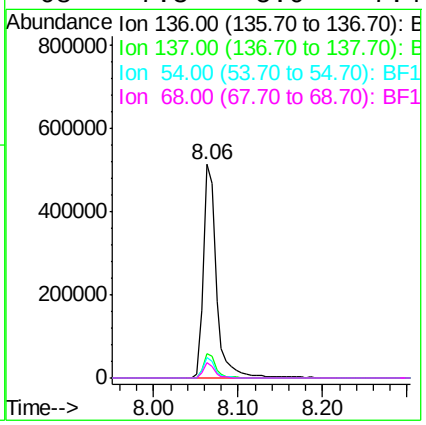


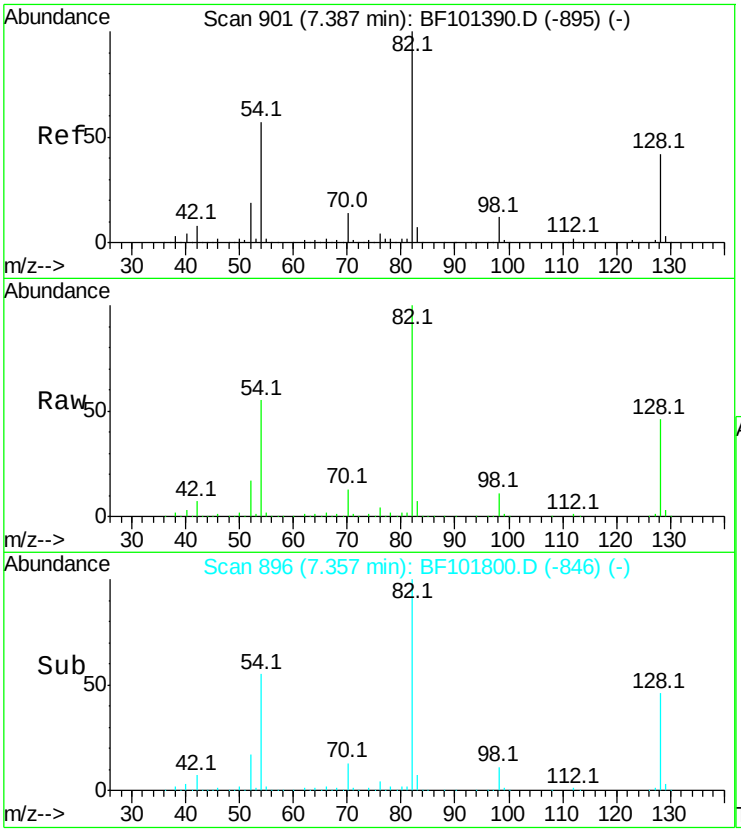


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Tgt Ion:136 Resp: 553673

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	6.6	9.8
68	7.3	5.0	7.4



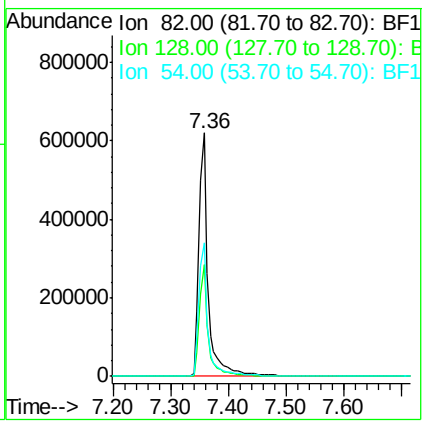


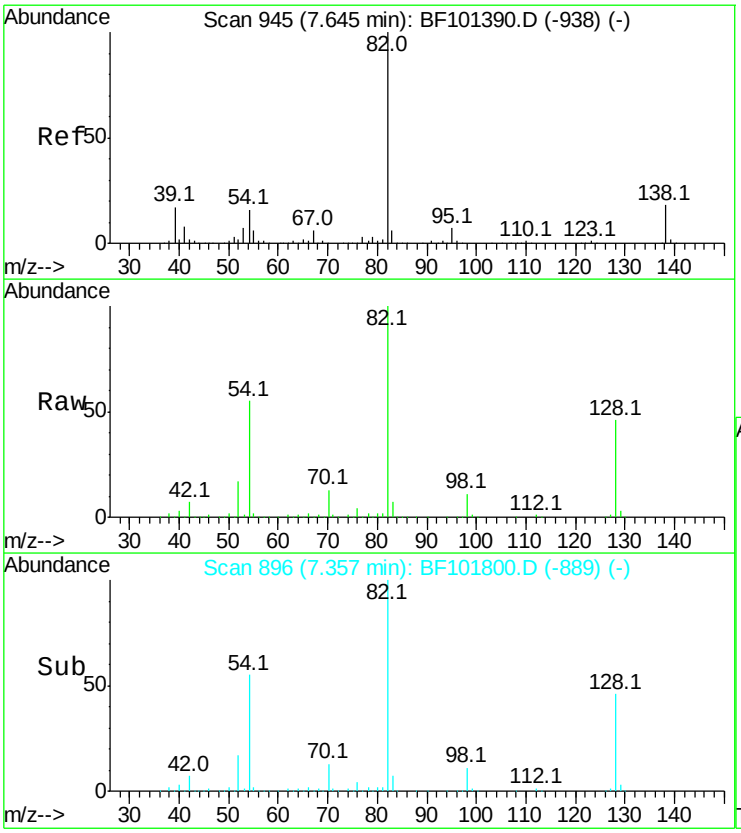
#23
Nitrobenzene-d5
Concen: 70.451 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 700732

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	54.7	41.4	62.2

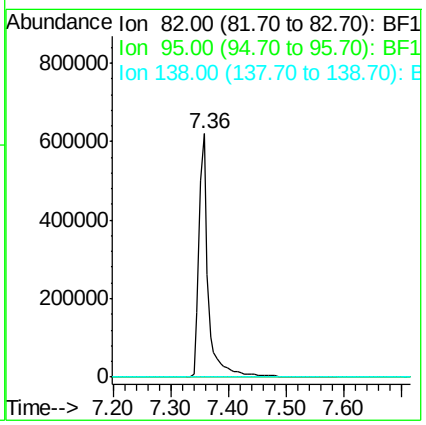


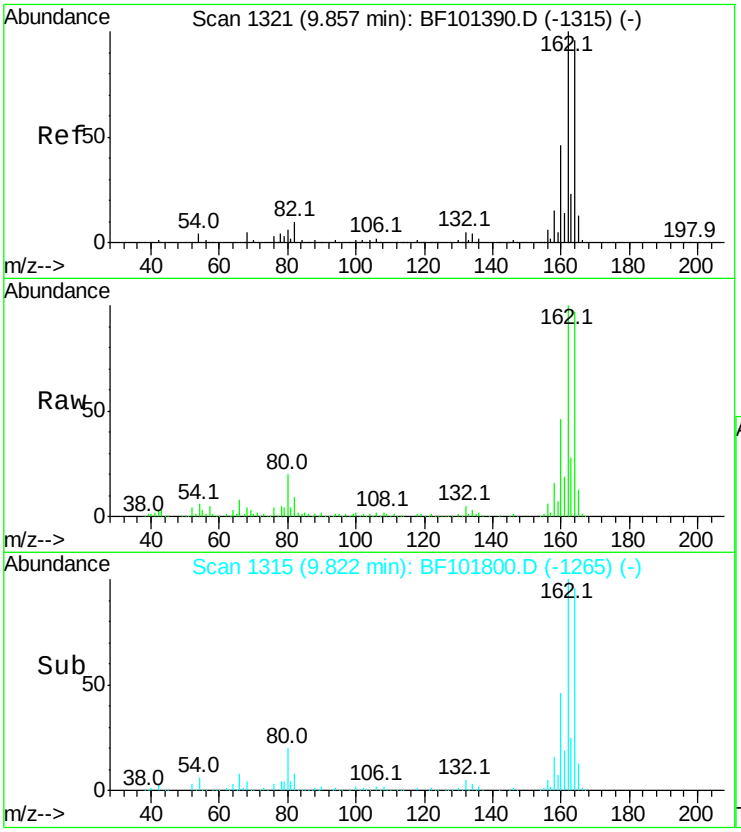


#25
Isophorone
Concen: 35.119 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Tgt Ion: 82 Resp: 700732

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



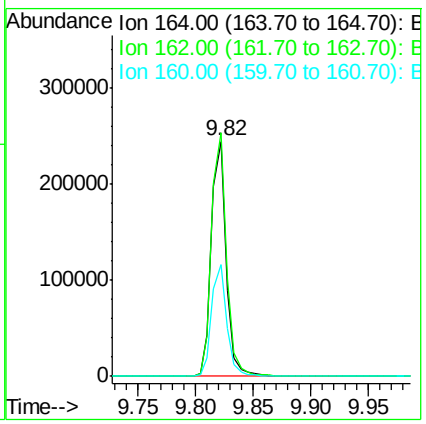


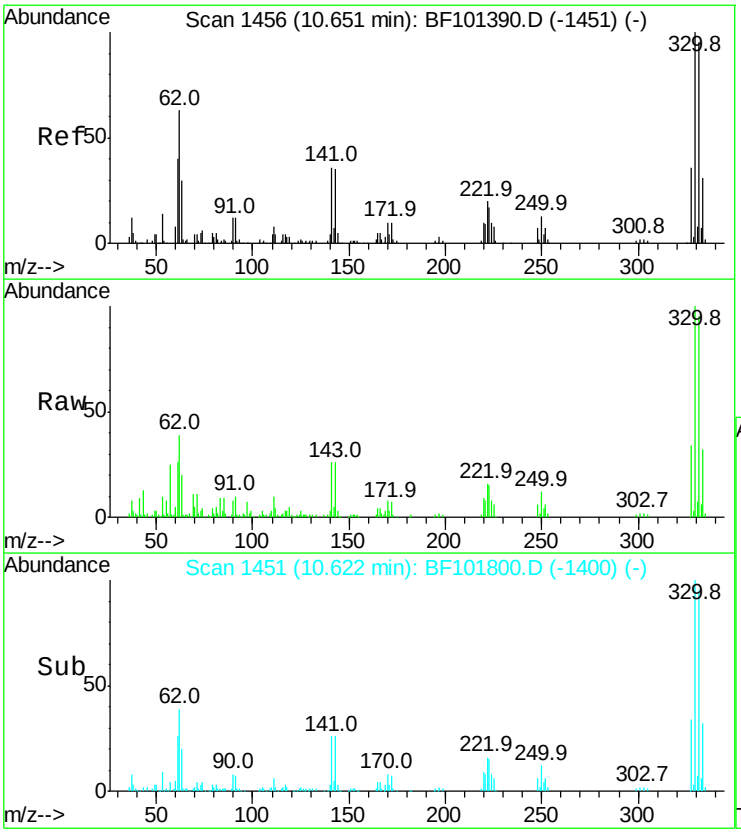
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 217677

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.4	38.3	57.5

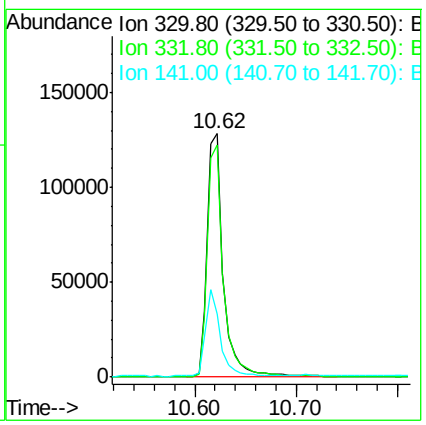


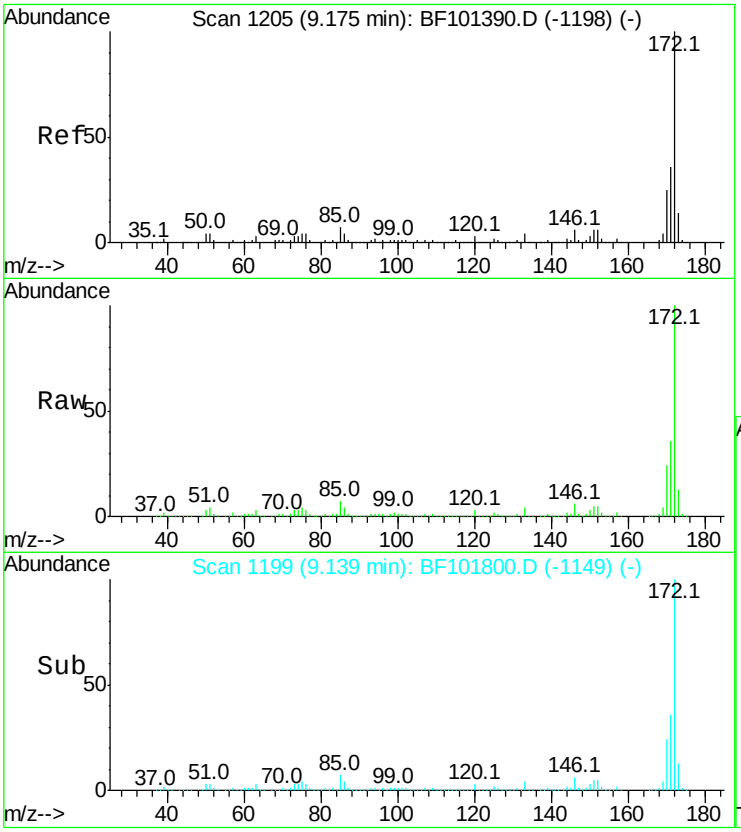


#41
2,4,6-Tribromophenol
Concen: 67.950 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Tgt Ion:330 Resp: 142524

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.6	29.9	44.9



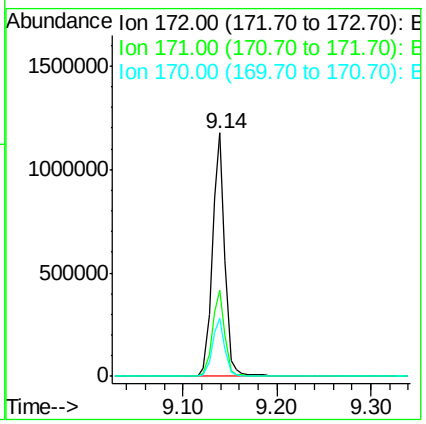


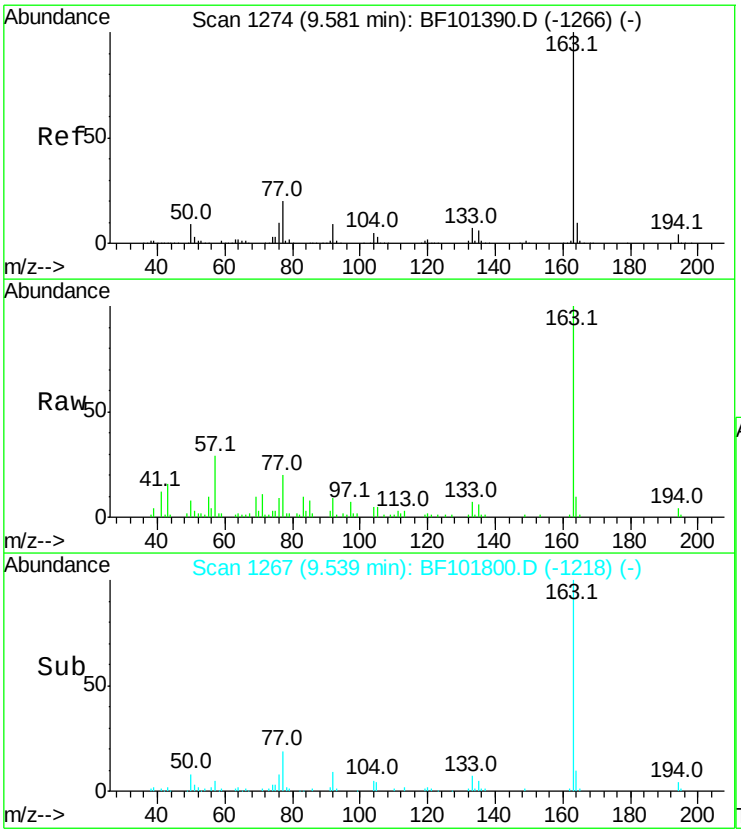
#44
2-Fluorobiphenyl
Concen: 78.286 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1098548

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4

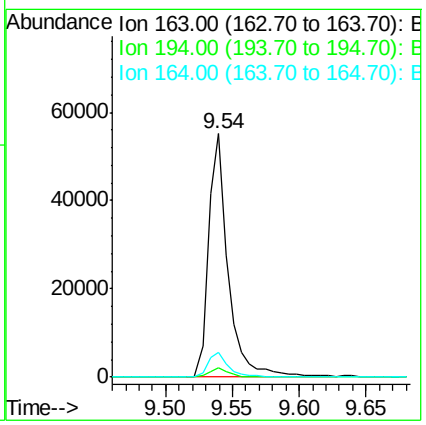


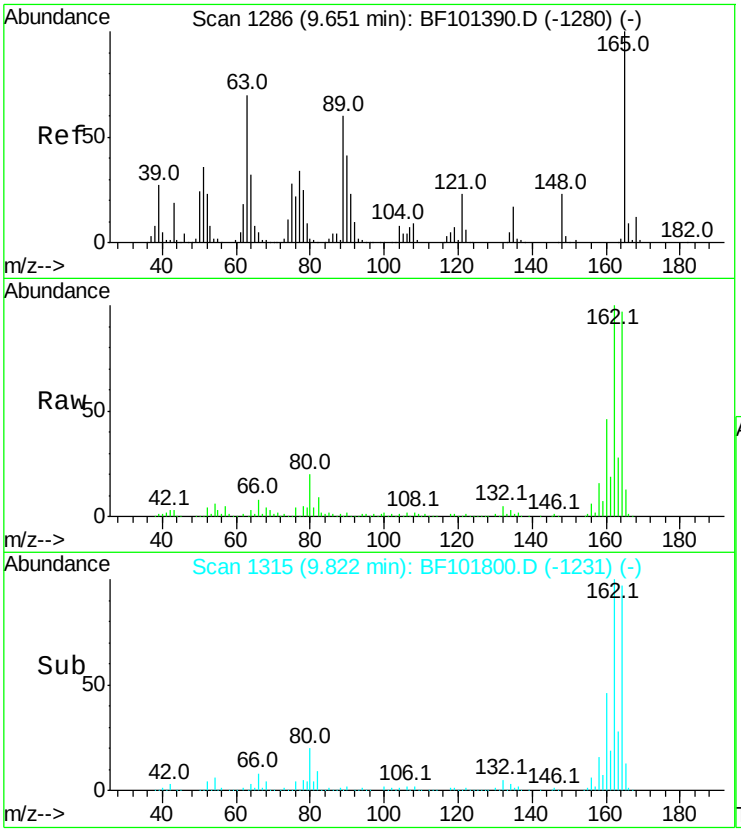


#49
Dimethylphthalate
Concen: 3.238 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Tgt Ion:163 Resp: 56694

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2



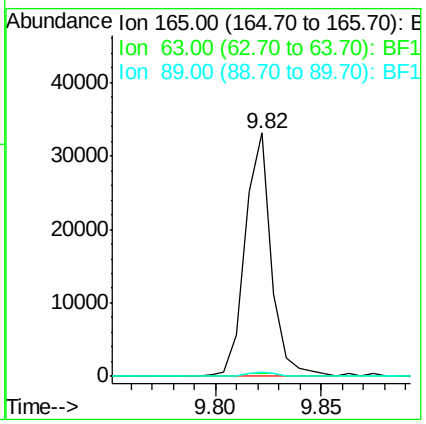


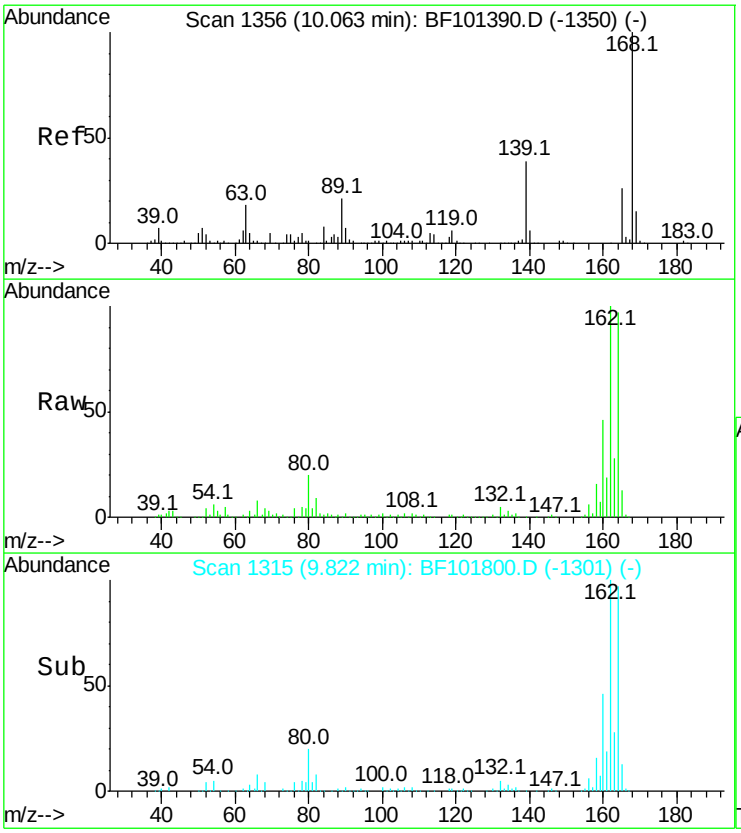
#50
2,6-Dinitrotoluene
Concen: 7.993 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28444

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#

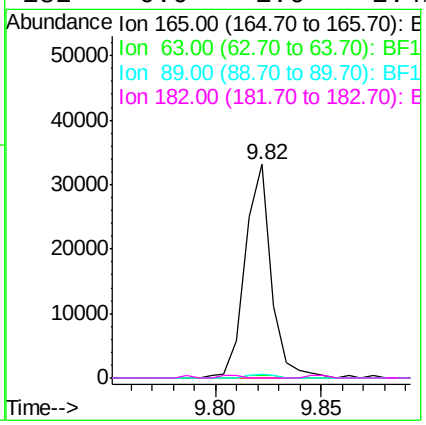


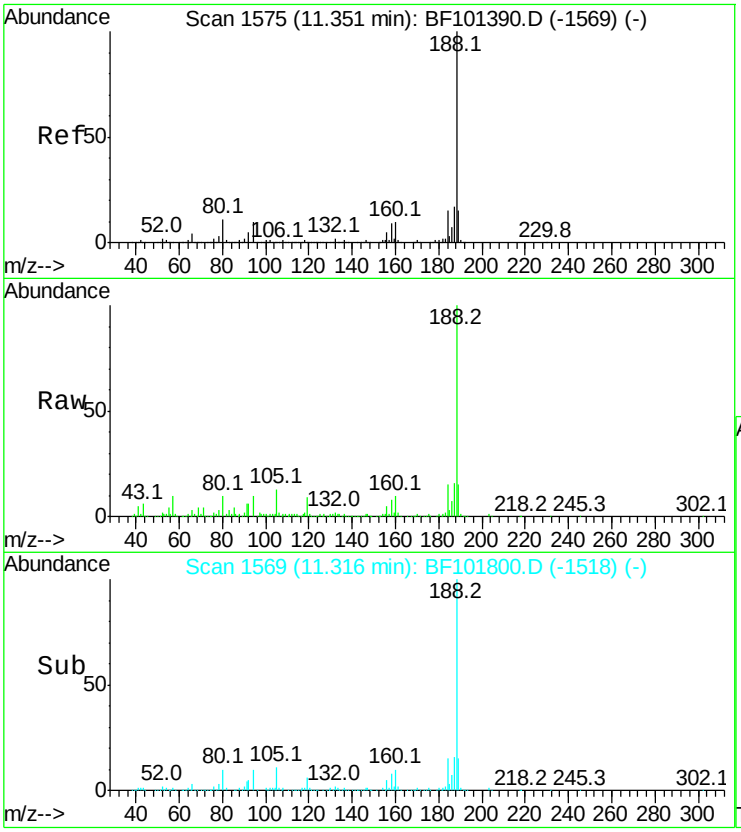


#56
2,4-Dinitrotoluene
Concen: 7.094 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Tgt Ion:165 Resp: 28444

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



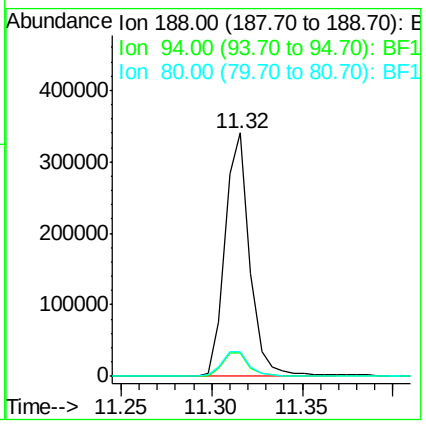


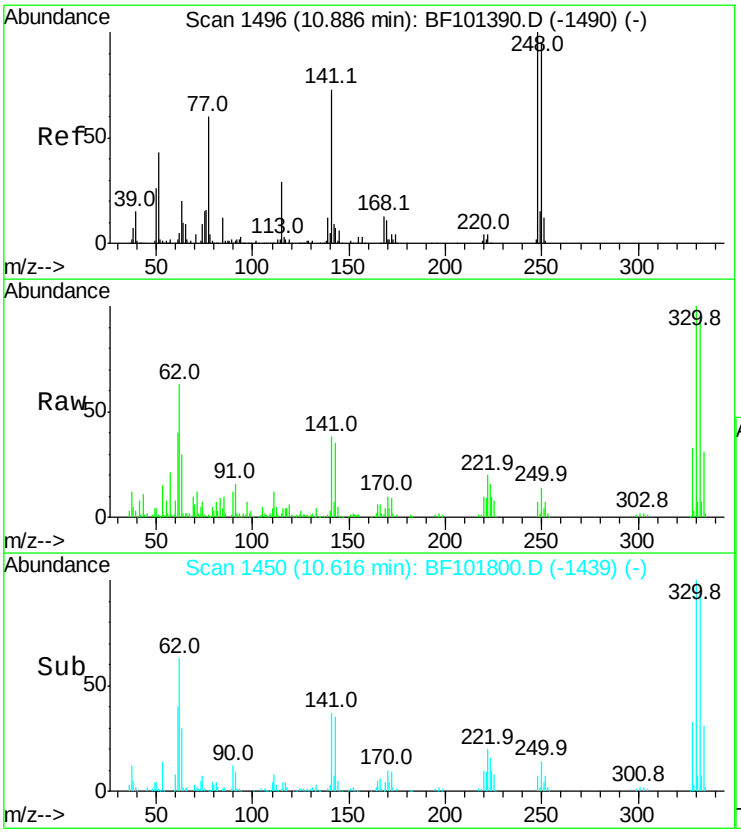
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 325030

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8

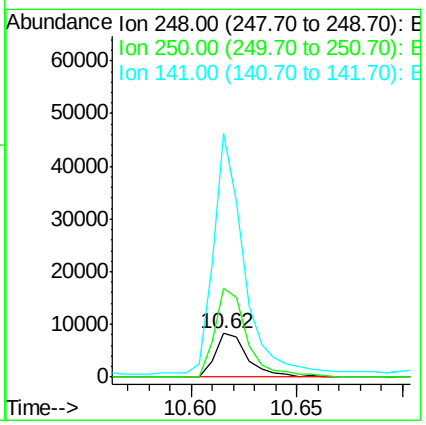


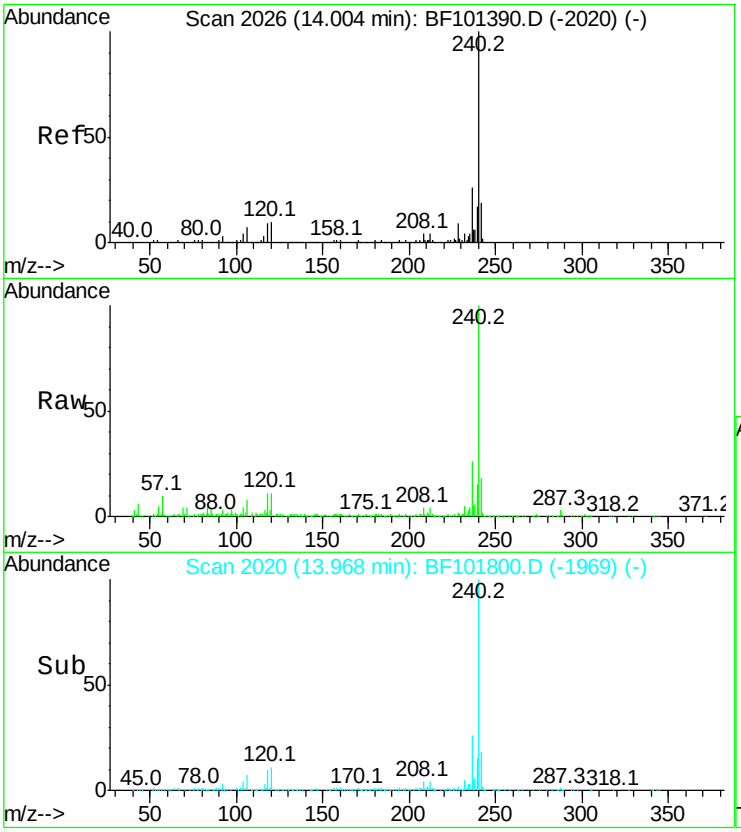


#66
4-Bromophenyl-phenylether
Concen: 2.390 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Tgt Ion:248 Resp: 8729

Ion	Ratio	Lower	Upper
248	100		
250	203.3	76.9	115.3#
141	557.7	74.4	111.6#



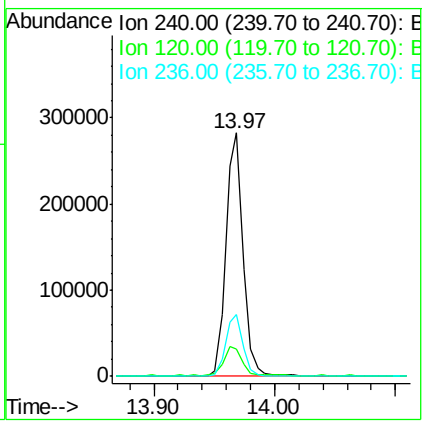


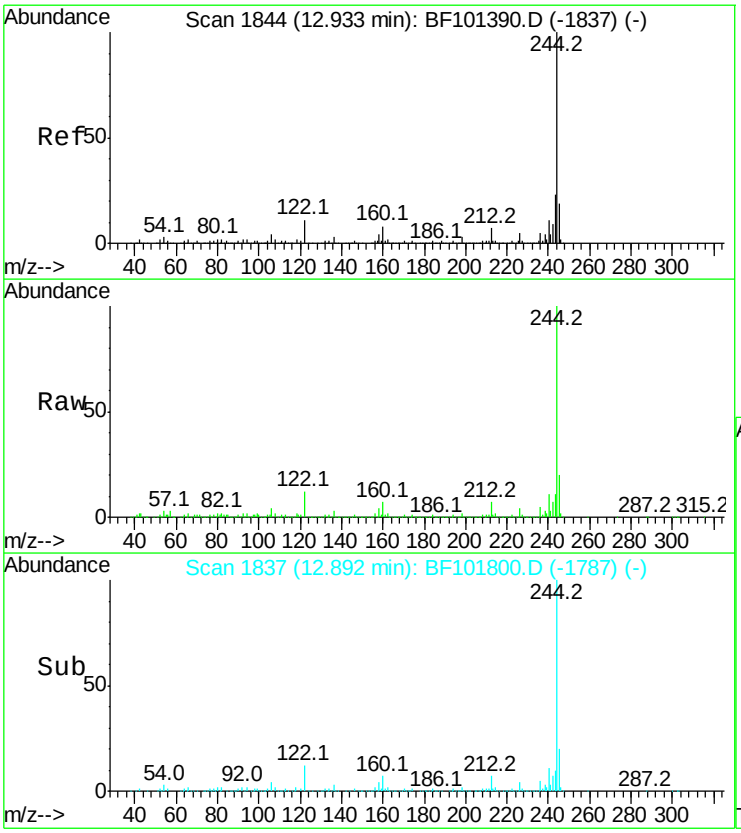
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 277547

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.6	20.7	31.1

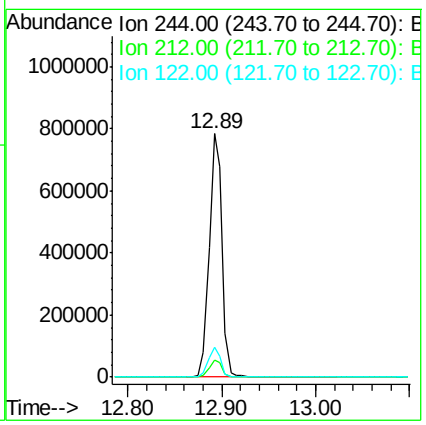


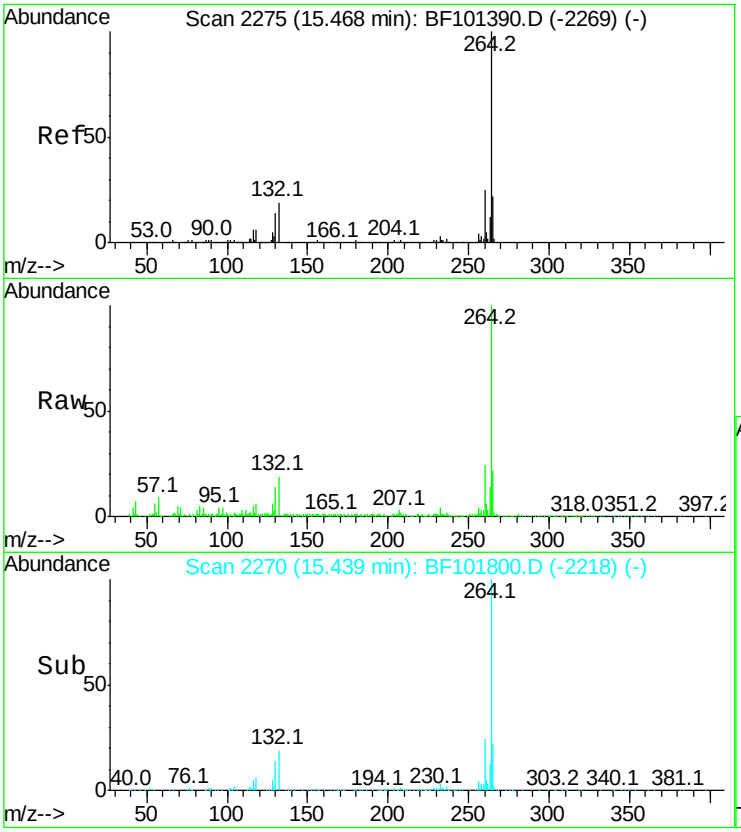


#78
Terphenyl-d14
Concen: 65.804 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Tgt Ion:244 Resp: 757587

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101800.D
Acq: 28 Dec 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 252074

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.2	17.5	26.3