Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101316.D
Acq On : 12 Dec 2017 6:03
Operator : SJ/JU
Sample : I6764-06 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 12 07:11:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	43227	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	162126	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	68362	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	113595	20.00	ng		0.00
75) Chrysene-d12	14.01	240	90425	20.00	ng		0.00
86) Perylene-d12	15.49	264	69974	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	63735	24.36	ng		0.01
7) Phenol-d6	6.46	99	126093	39.70	ng		0.00
23) Nitrobenzene-d5	7.39	82	71501	26.31	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	3207	3.91	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	173872	34.80	ng		0.00
78) Terphenyl-d14	12.94	244	143585	34.73	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	9457	4.421	ng	#	85
25) Isophorone	7.39	82	71500	15.402	ng	#	64
49) Dimethylphthalate	9.58	163	19549	3.546	ng		99
50) 2,6-Dinitrotoluene	9.87	165	8612	7.416	ng	#	24
56) 2,4-Dinitrotoluene	9.87	165	8612	5.534	ng	#	21

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

Quantitation Report (Not Reviewed)

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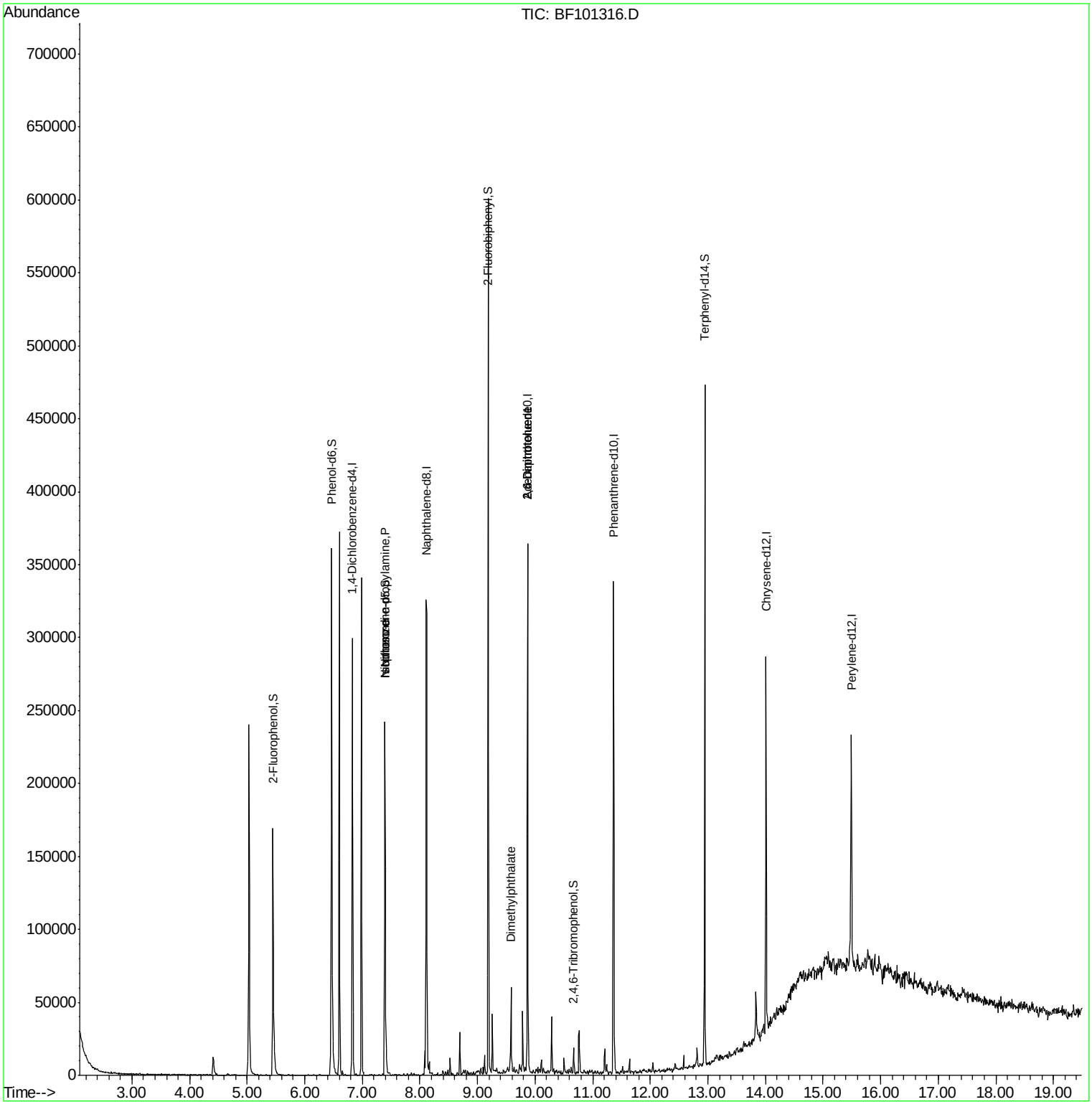
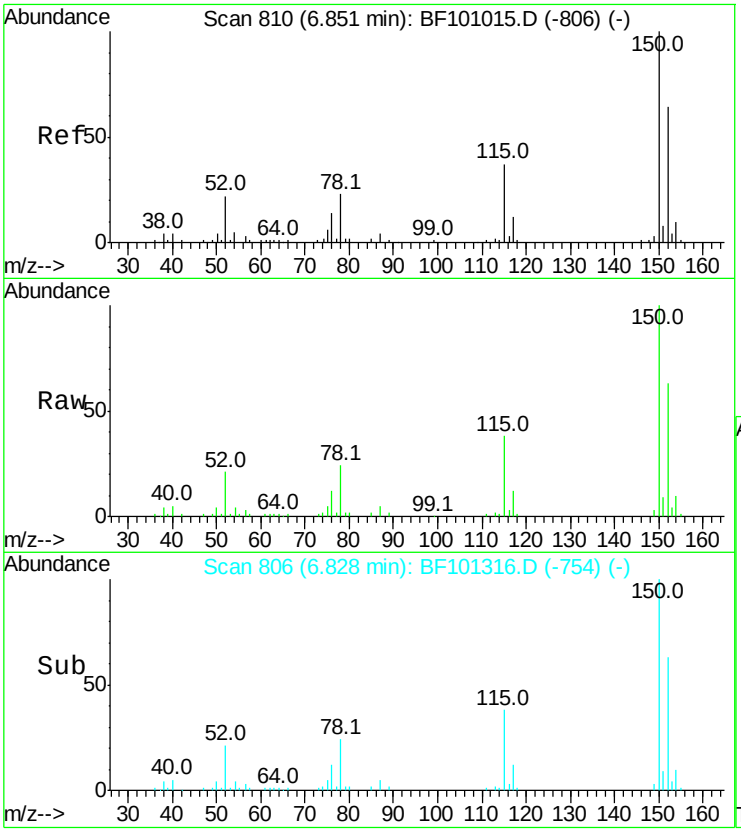


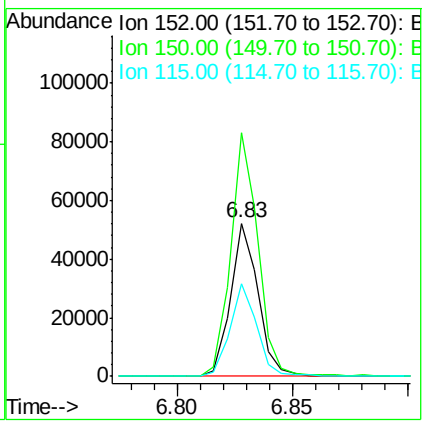


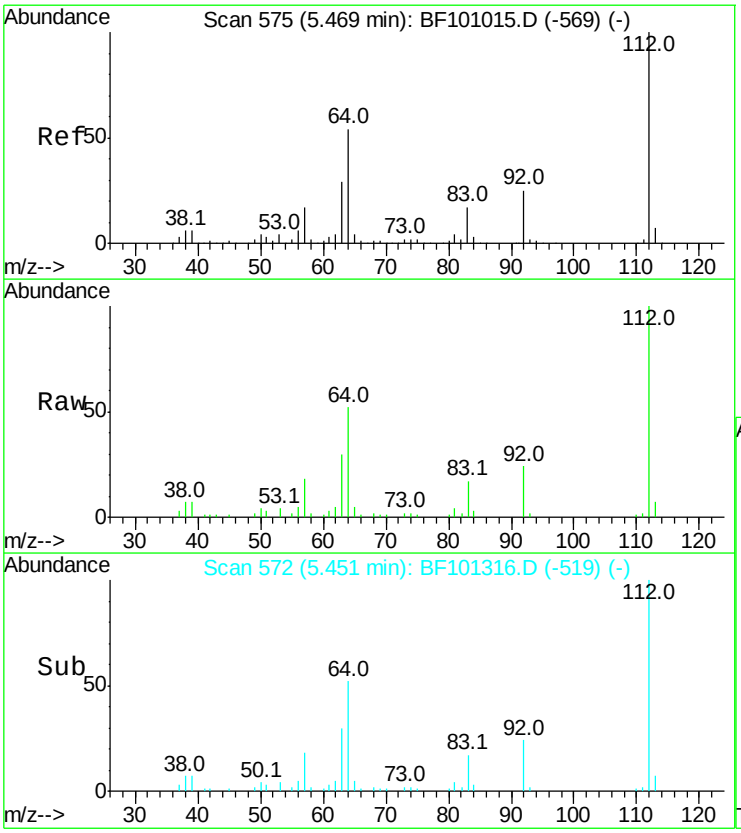
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 43227

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	60.6	50.1	75.1

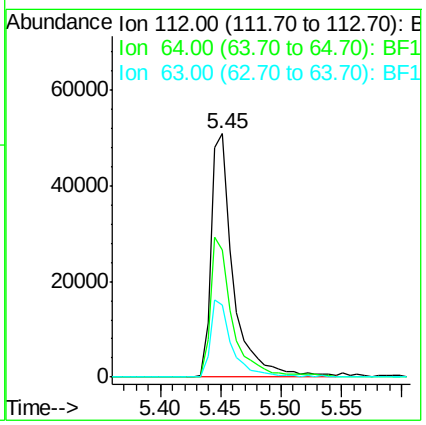


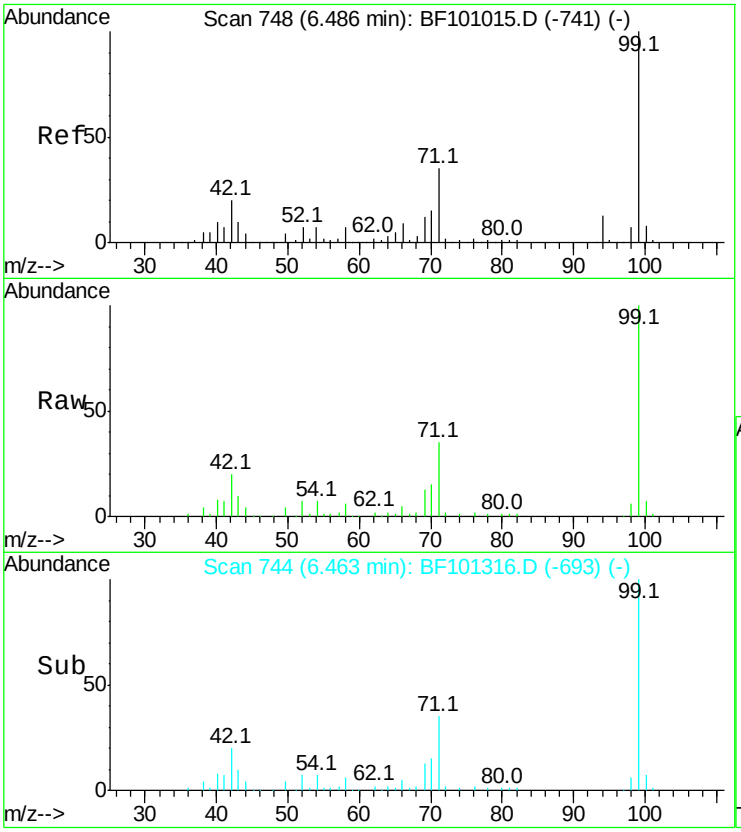


#5
2-Fluorophenol
Concen: 24.364 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Tgt Ion:112 Resp: 63735

Ion	Ratio	Lower	Upper
112	100		
64	52.1	47.9	71.9
63	29.5	23.7	35.5



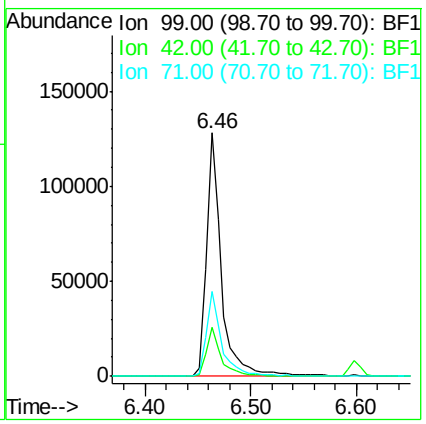


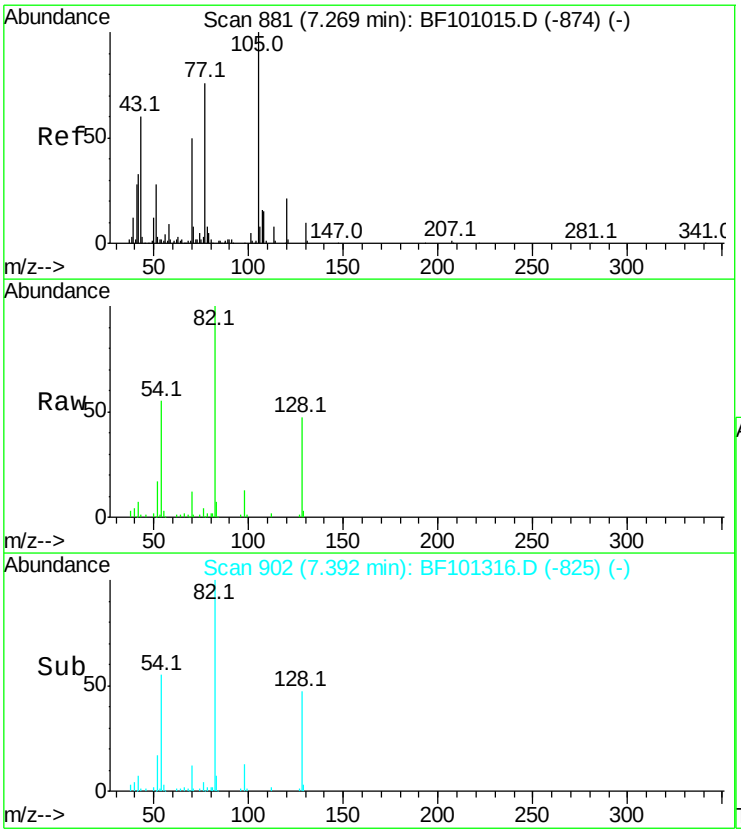
#7
Phenol-d6
Concen: 39.702 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 126093

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	34.7	25.4	38.0

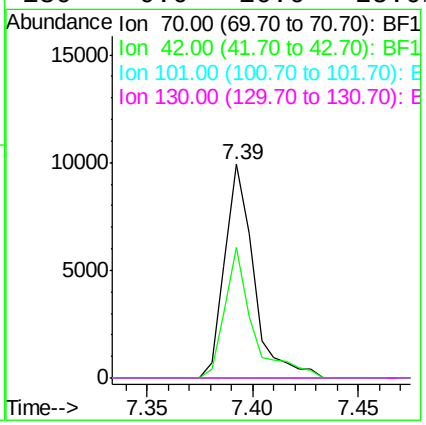


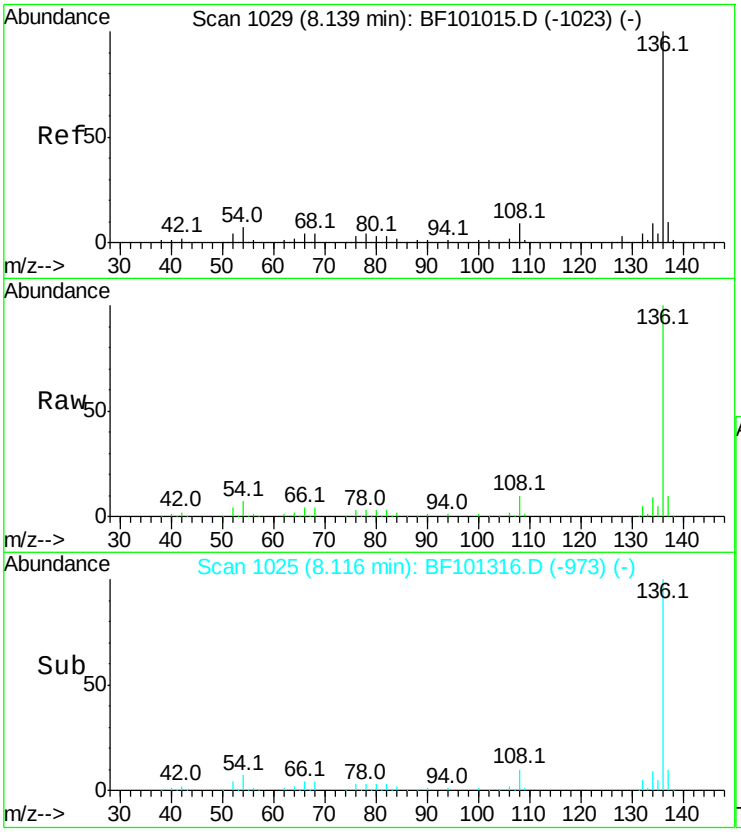


#19
n-Nitroso-di-n-propylamine
Concen: 4.421 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Tgt Ion: 70 Resp: 9457

Ion	Ratio	Lower	Upper
70	100		
42	61.2	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



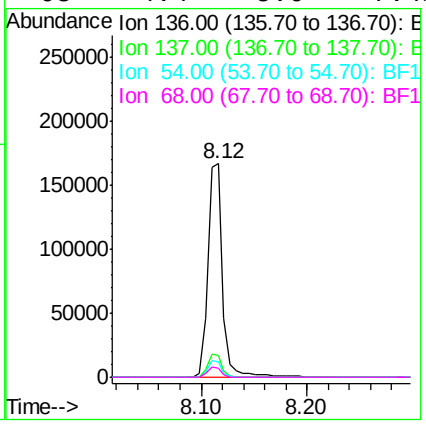


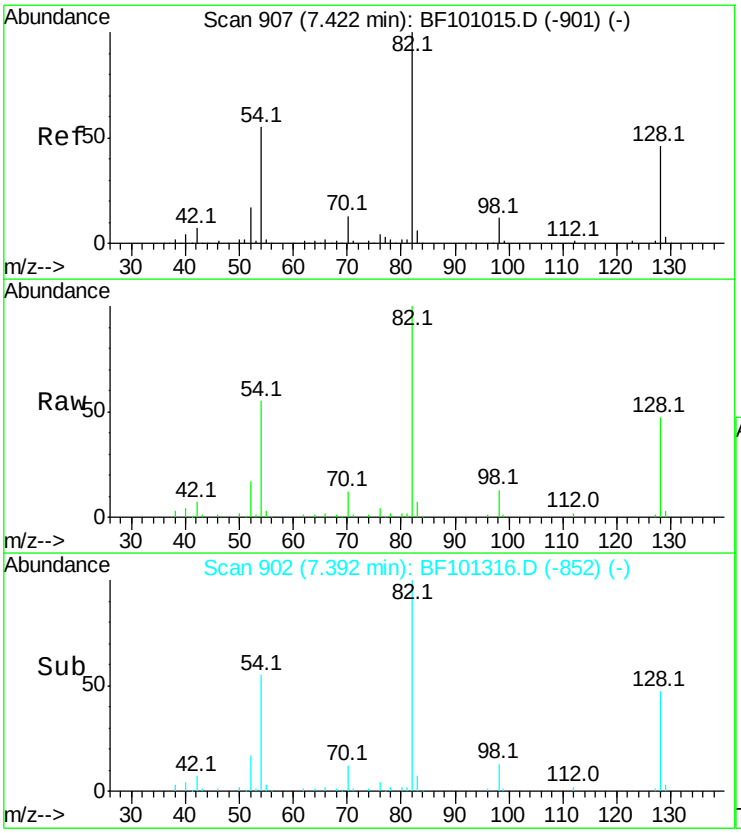
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 162126

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.9	6.6	9.8
68	4.4	5.0	7.4#

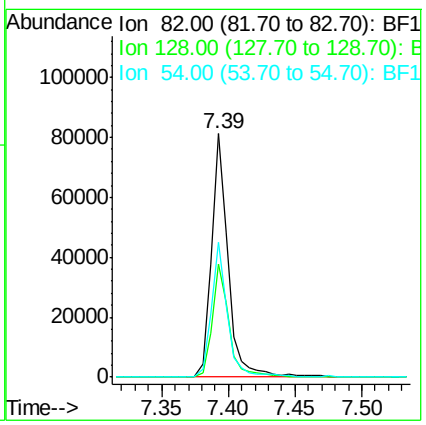


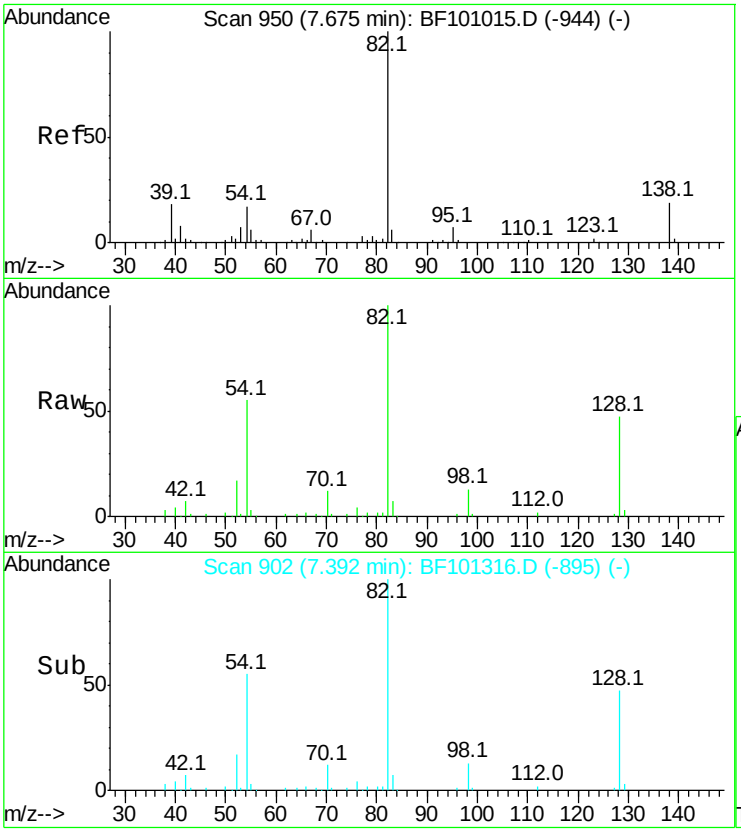


#23
Nitrobenzene-d5
Concen: 26.308 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Tgt Ion: 82 Resp: 71501

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	55.2	41.4	62.2



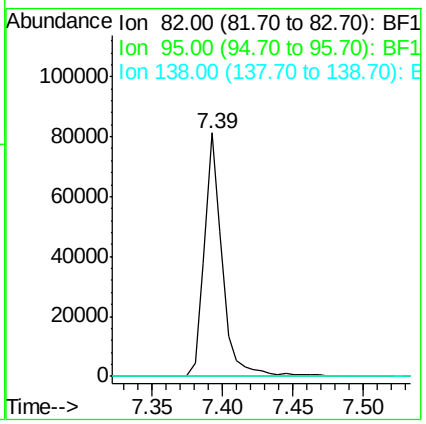


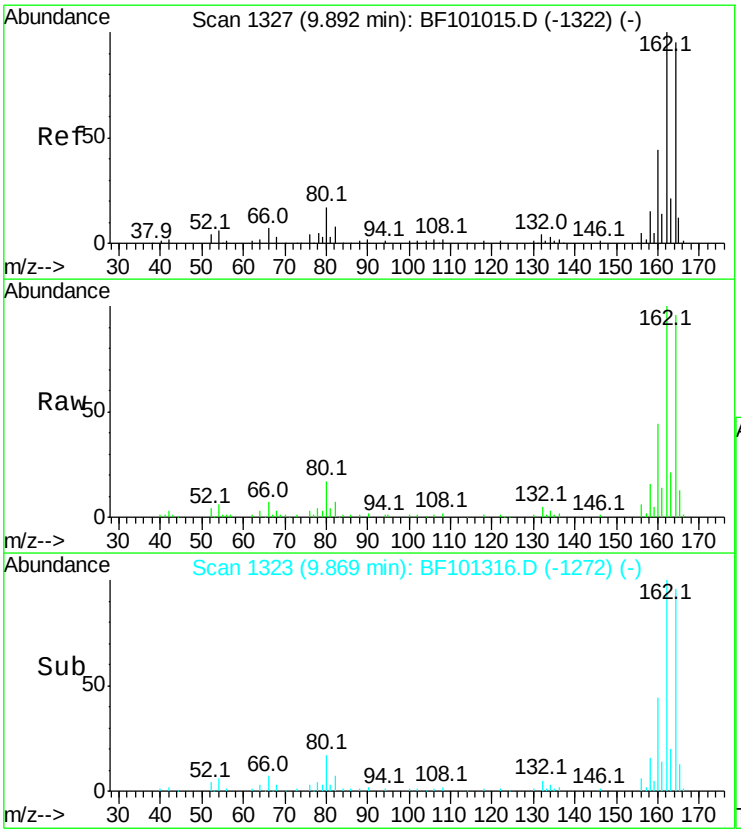
#25
Isophorone
Concen: 15.402 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 71500

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

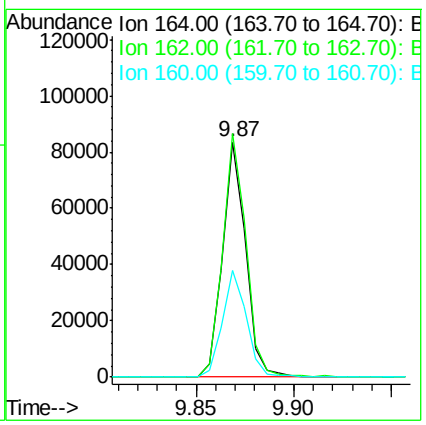


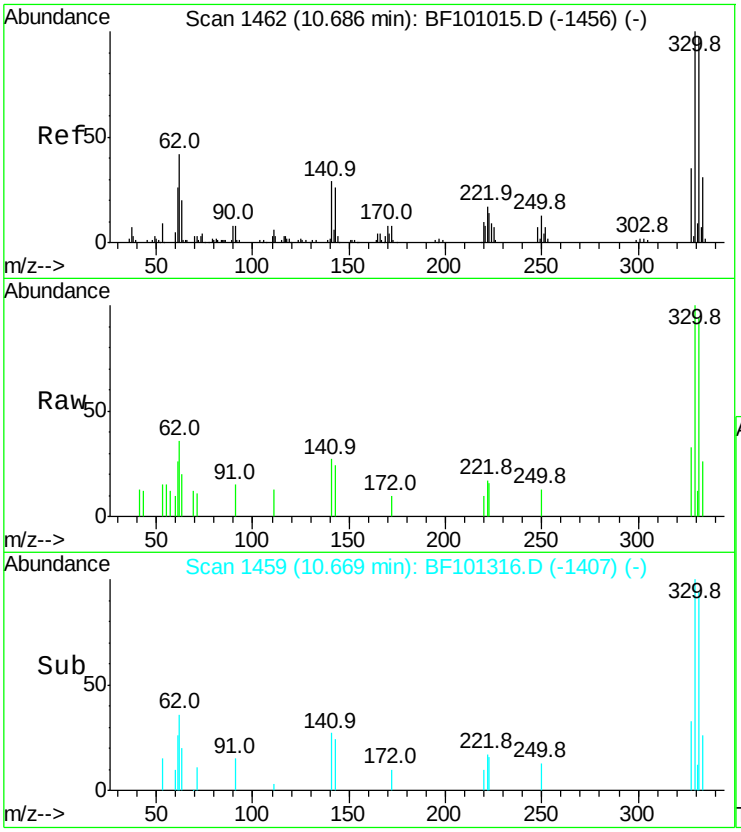


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Tgt Ion:164 Resp: 68362

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.3	38.3	57.5



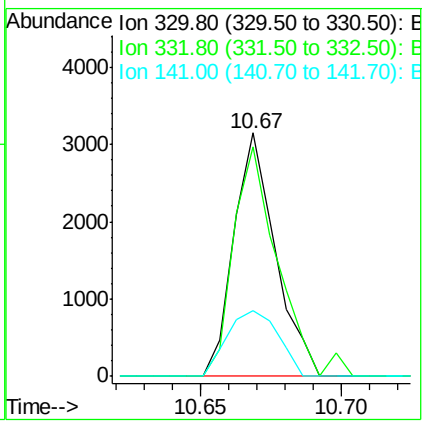


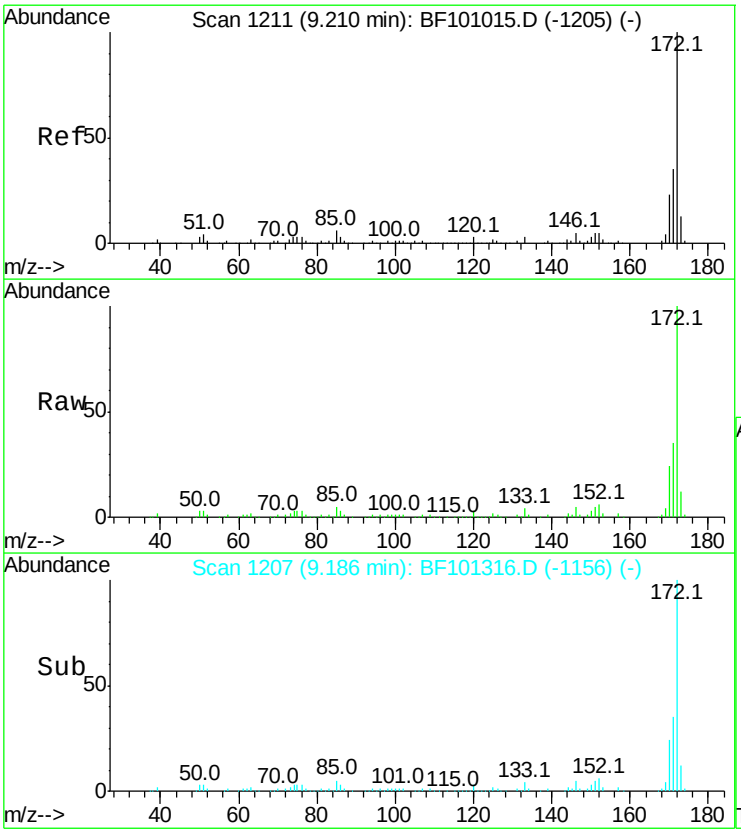
#41
2,4,6-Tribromophenol
Concen: 3.905 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 3207

Ion	Ratio	Lower	Upper
330	100		
332	101.2	77.0	115.6
141	33.2	29.9	44.9

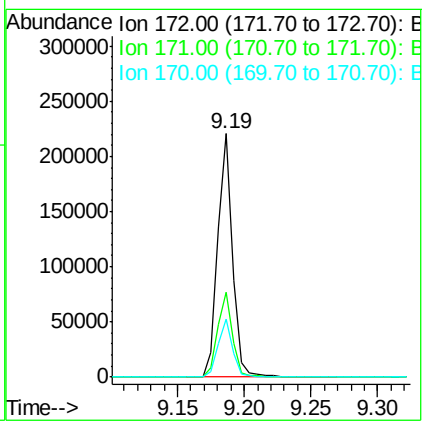


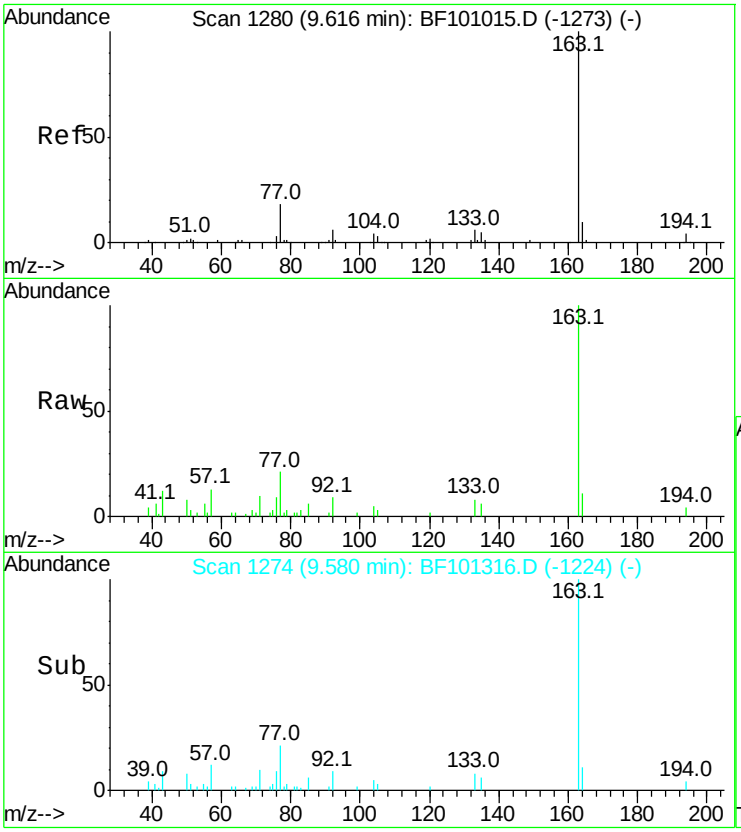


#44
2-Fluorobiphenyl
Concen: 34.799 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Tgt Ion:172 Resp: 173872

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.9	19.6	29.4



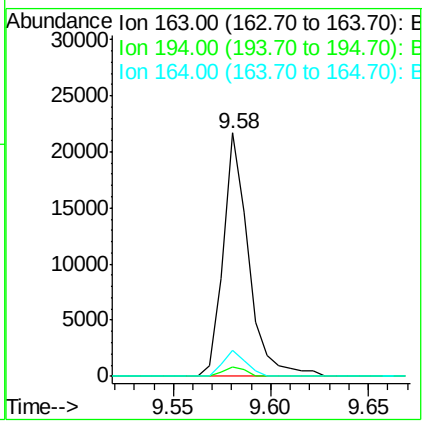


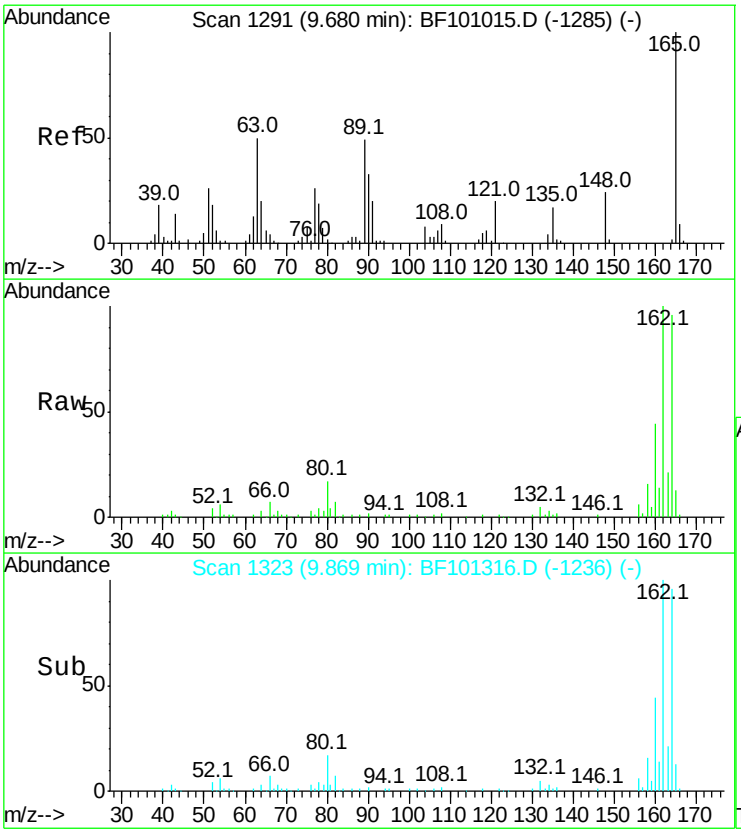
#49
Dimethylphthalate
Concen: 3.546 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 19549

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.7	8.2	12.2

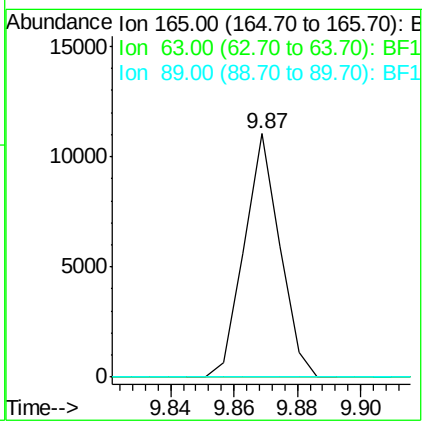


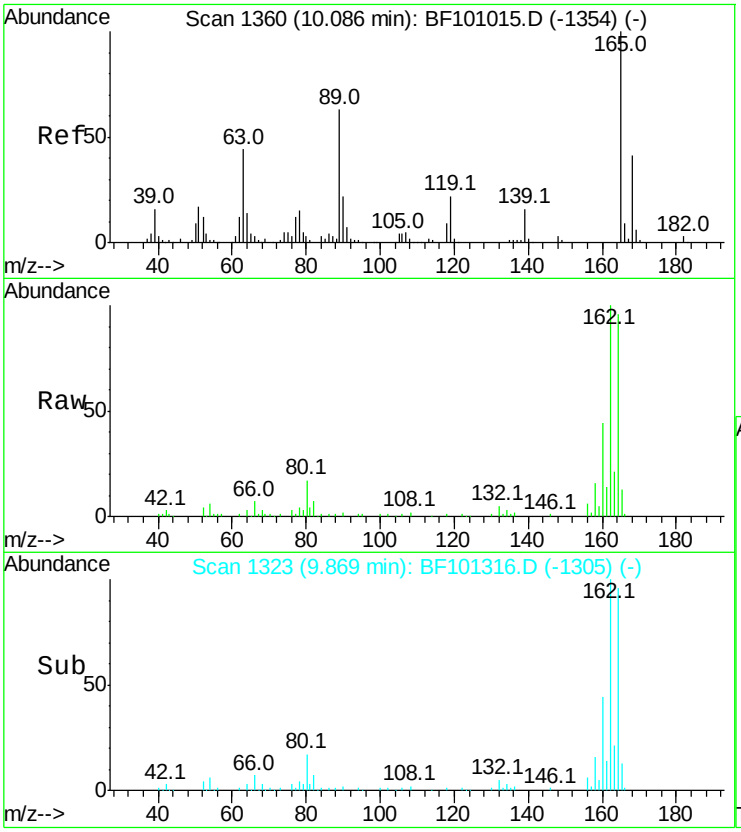


#50
2,6-Dinitrotoluene
Concen: 7.416 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.21 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Tgt Ion:165 Resp: 8612

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



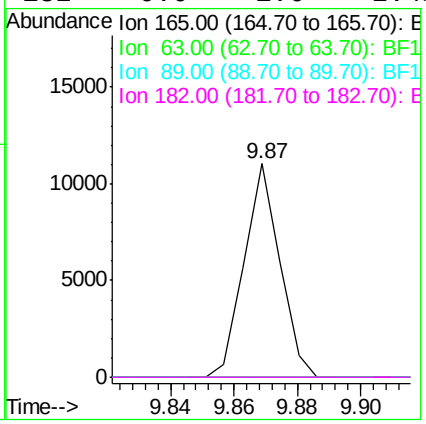


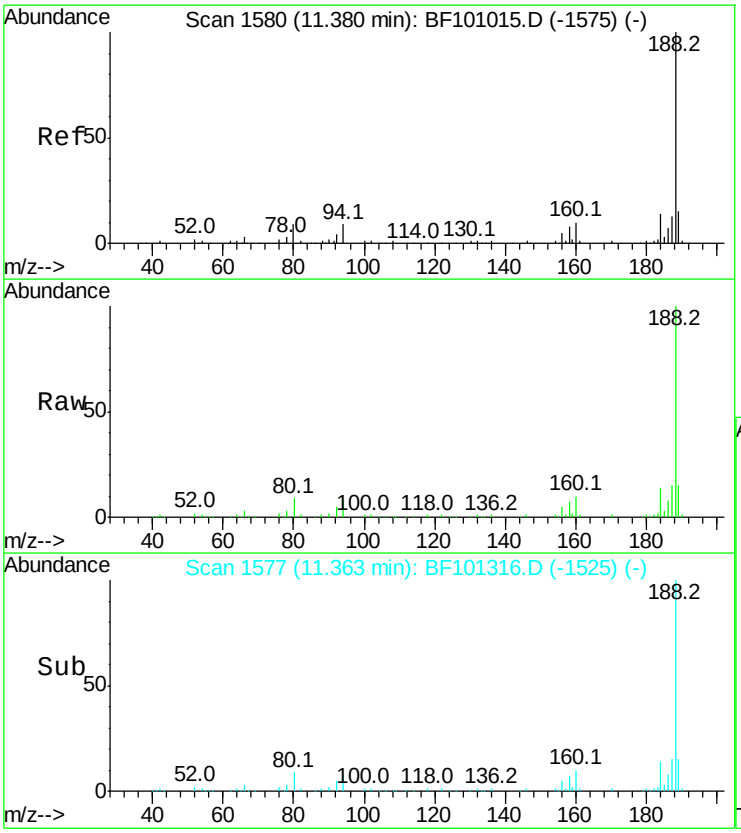
#56
2,4-Dinitrotoluene
Concen: 5.534 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8612

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#

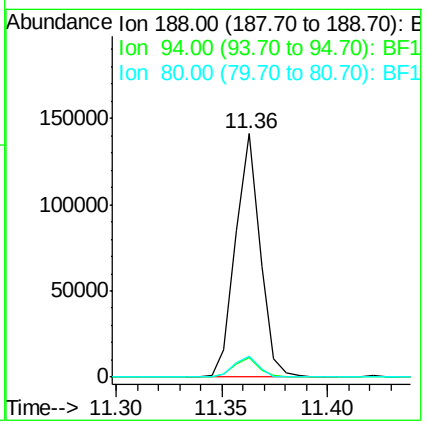


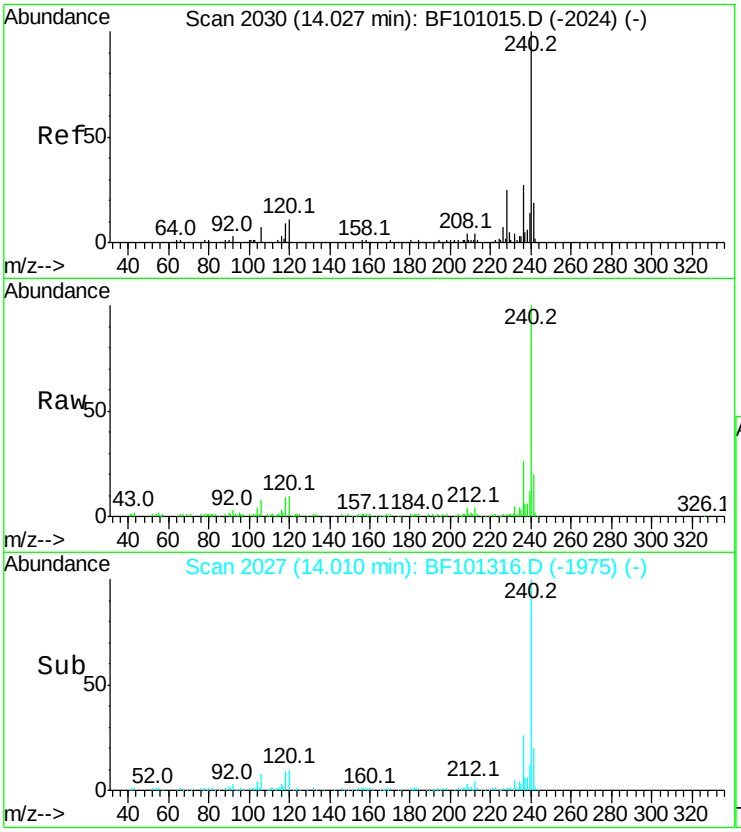


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Tgt Ion:188 Resp: 113595

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.7	9.2	13.8#



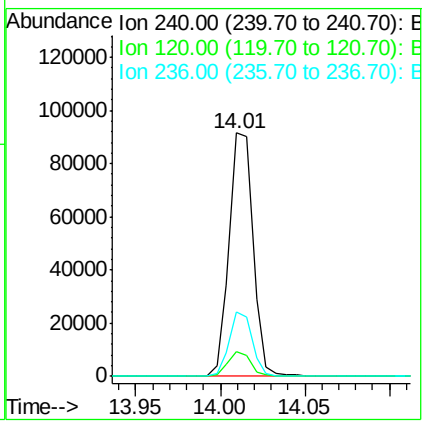


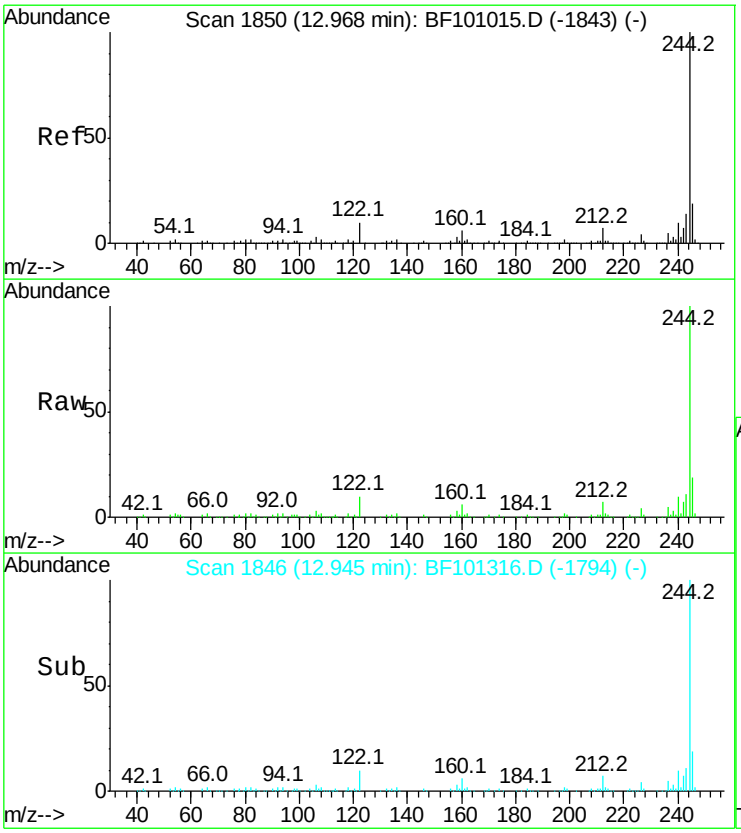
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 90425

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.3	20.7	31.1

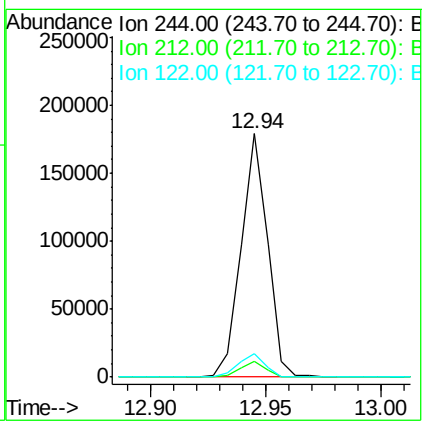


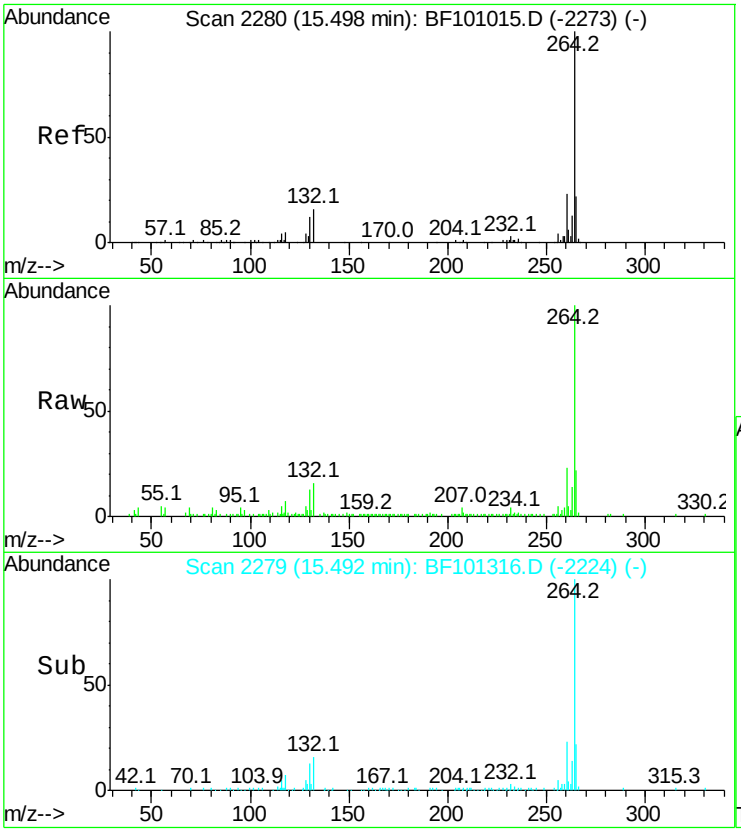


#78
Terphenyl-d14
Concen: 34.731 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Tgt Ion:244 Resp: 143585

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF101316.D
Acq: 12 Dec 2017 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 69974

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.4	17.5	26.3