Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121317\
Data File : BF101385.D
Acq On : 14 Dec 2017 1:09
Operator : SJ/JU
Sample : I6816-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 02:37:55 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	6.82	152	166317	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	682399	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	303988	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	559713	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	366095	20.00	ng	0.00
86) Perylene-d12	15.47	264	298832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	444440	44.16	ng	0.00
7) Phenol-d6	6.45	99	339482	27.78	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1023302	89.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	211435	57.90	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1658940	74.67	ng	-0.01
78) Terphenyl-d14	12.93	244	1436779	85.84	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	137526	16.711	ng	# 83
25) Isophorone	7.39	82	1023296	52.370	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	38510	7.458	ng	# 26
56) 2,4-Dinitrotoluene	9.86	165	38510	5.565	ng	# 24
62) Azobenzene	10.57	77	61601	3.002	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	14363	2.293	ng	# 1

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

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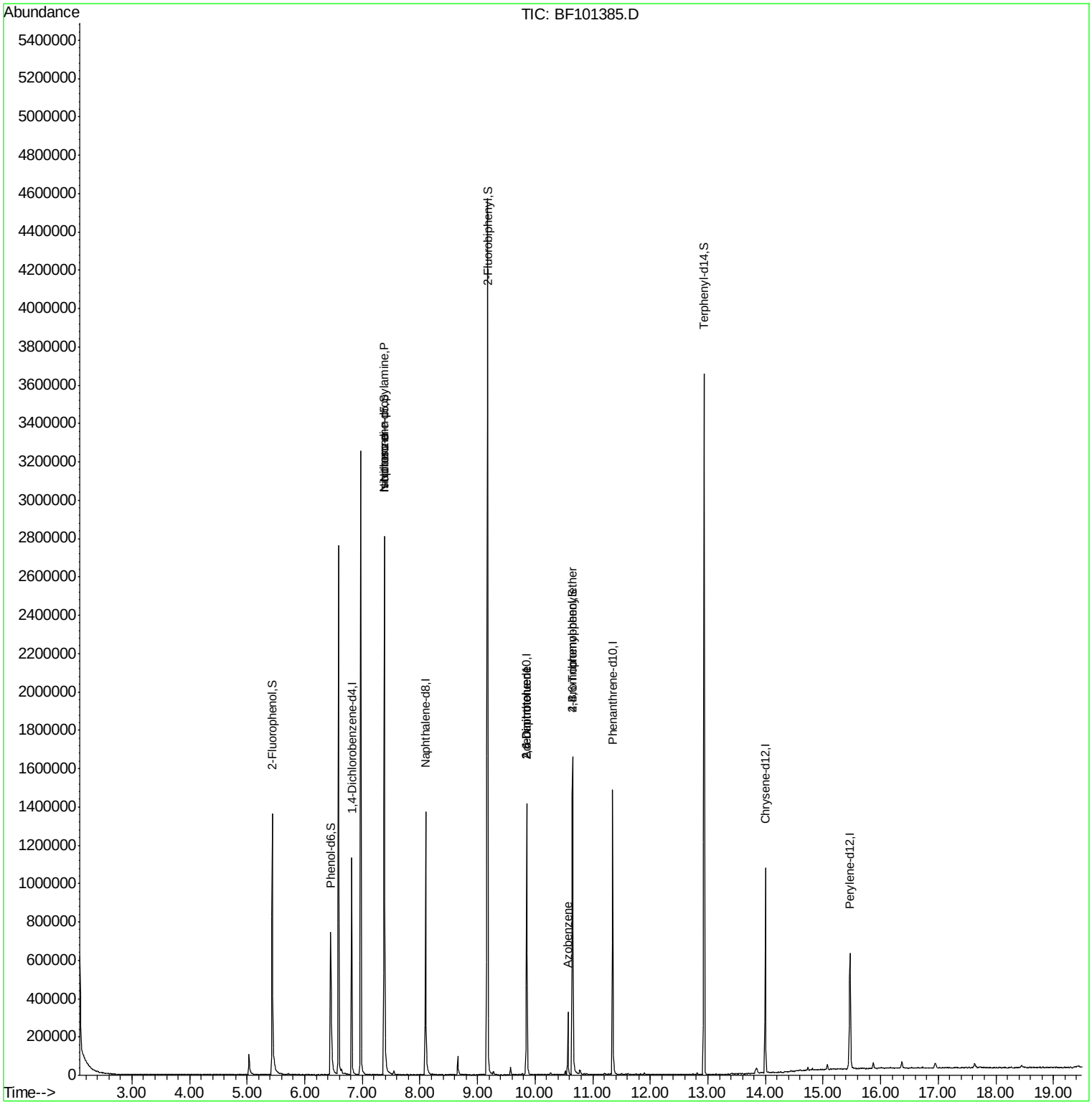
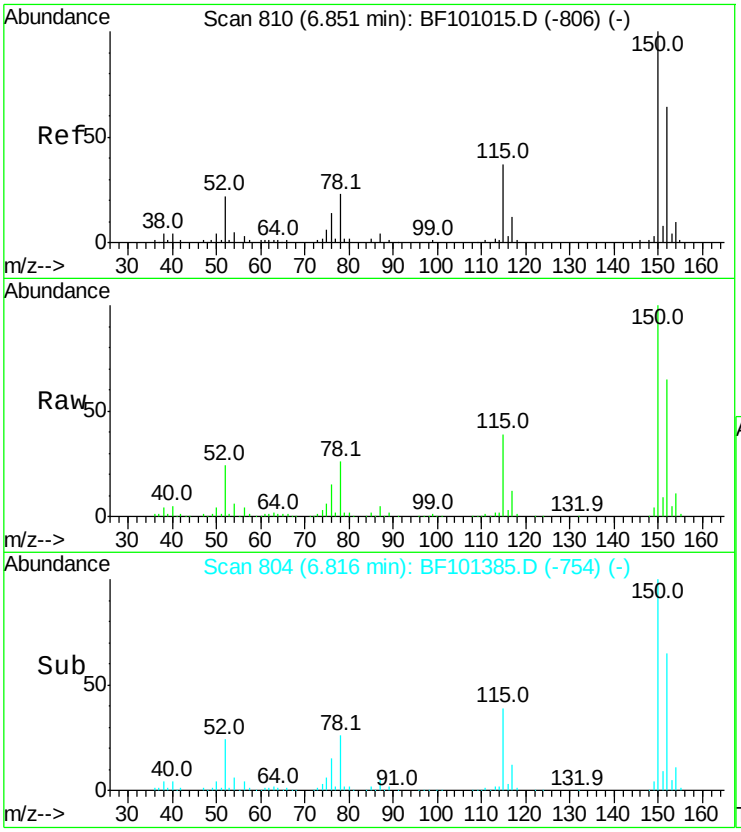


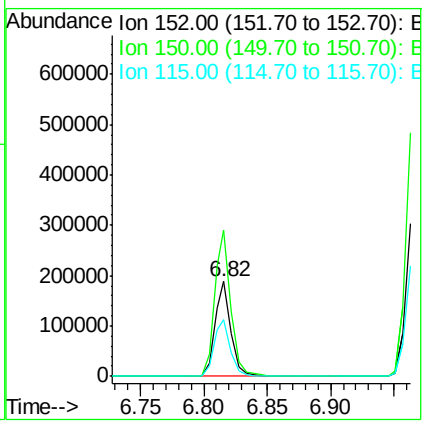


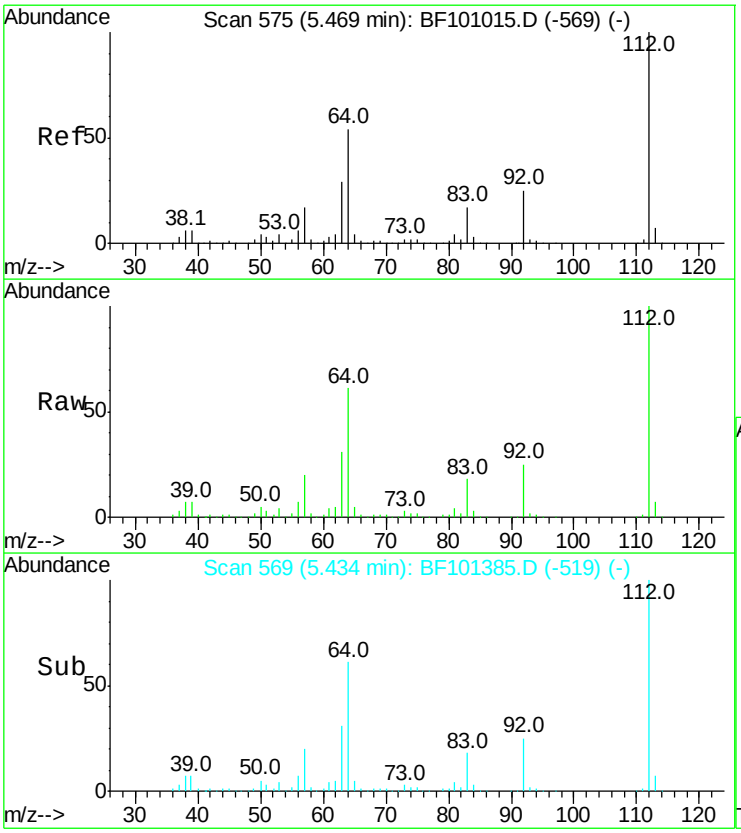
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 166317

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	60.3	50.1	75.1

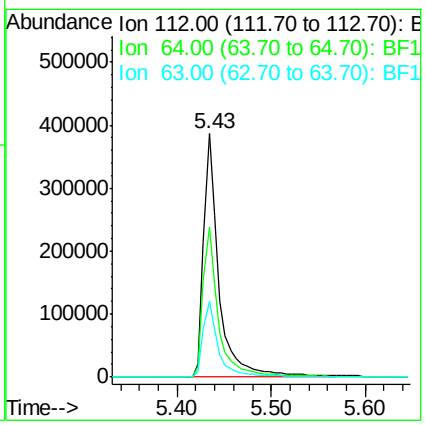


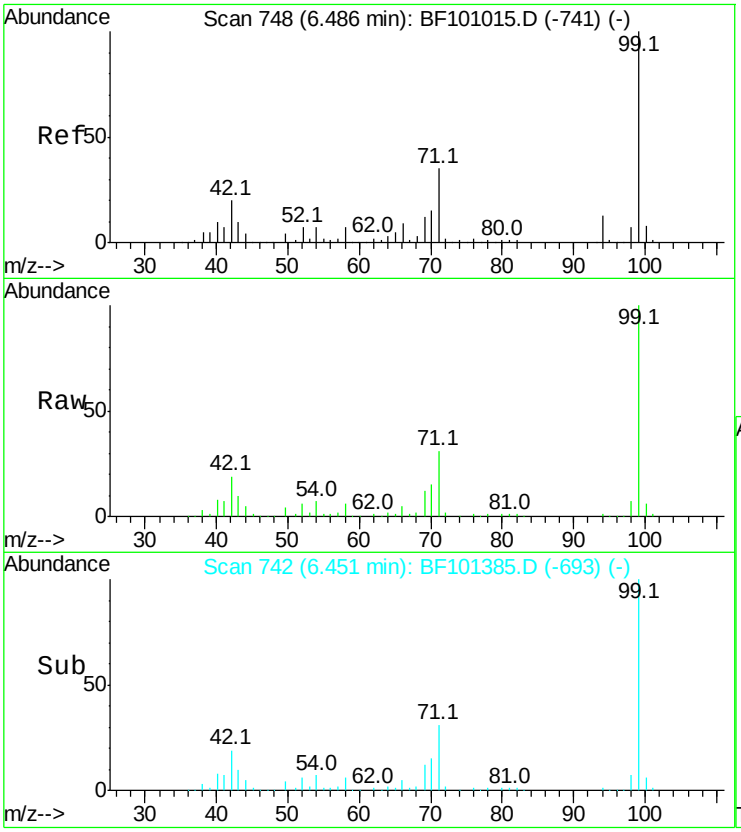


#5
2-Fluorophenol
Concen: 44.157 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion:112 Resp: 444440

Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	31.3	23.7	35.5



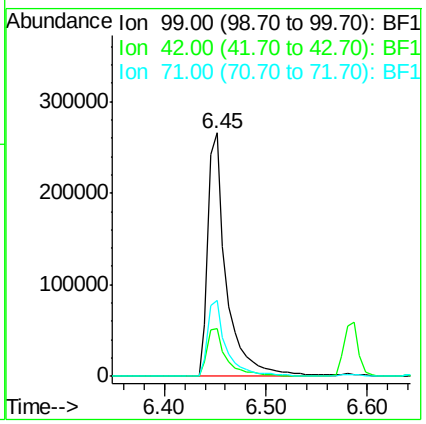


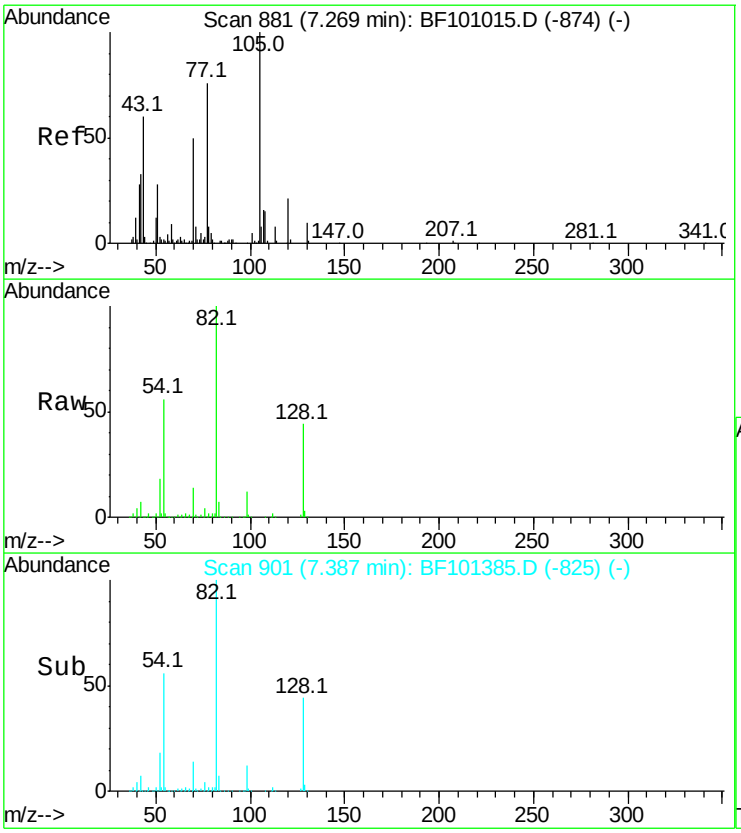
#7
Phenol-d6
Concen: 27.781 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 339482

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	31.3	25.4	38.0

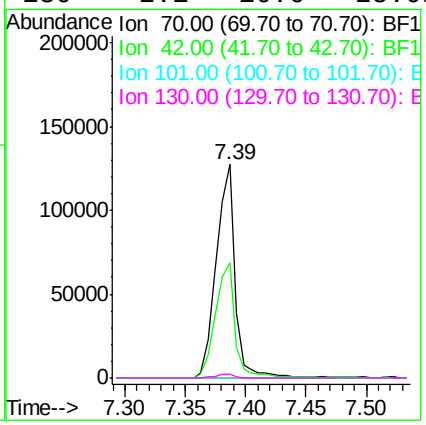


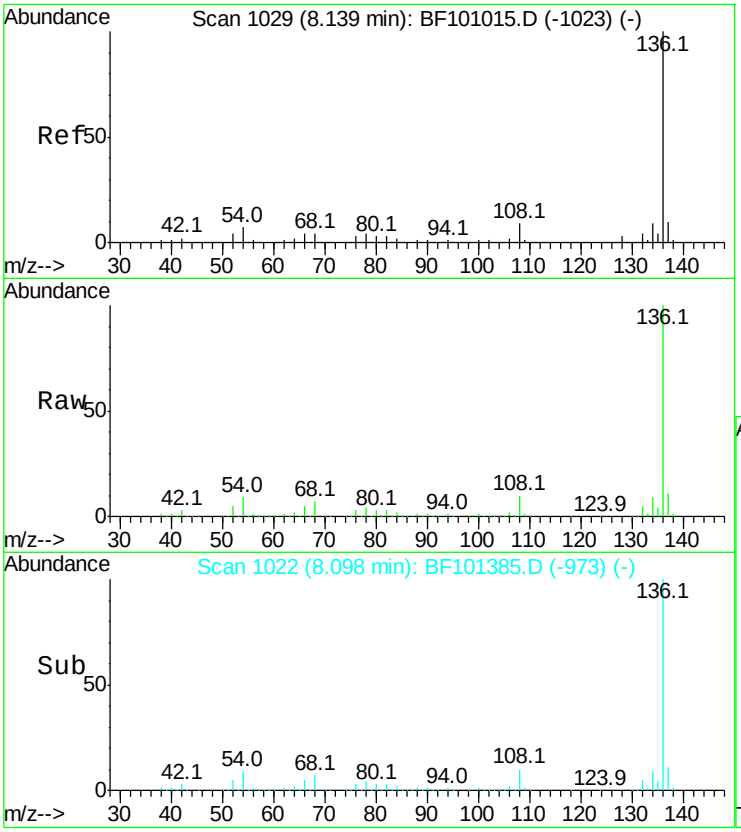


#19
n-Nitroso-di-n-propylamine
Concen: 16.711 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion: 70 Resp: 137526

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



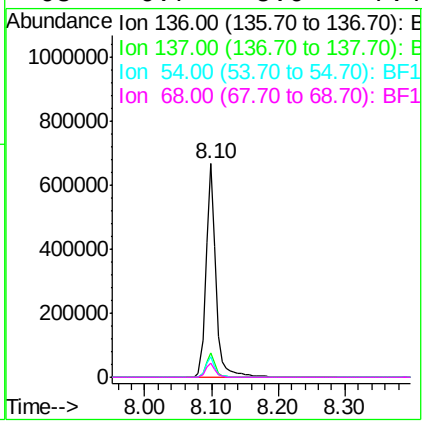


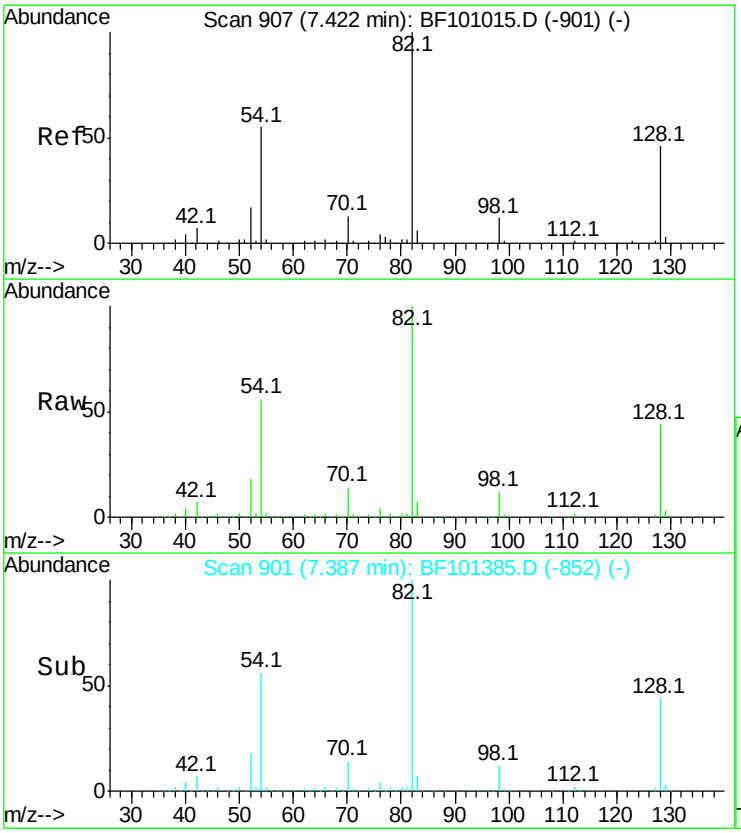
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 682399

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.4	6.6	9.8
68	6.7	5.0	7.4

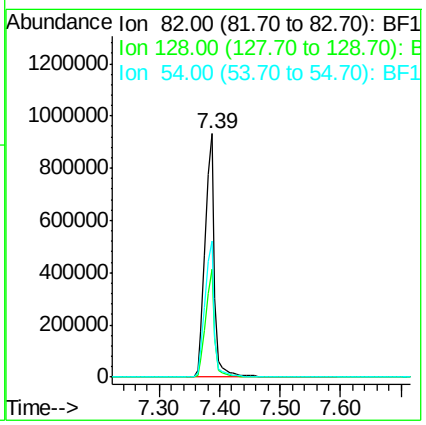


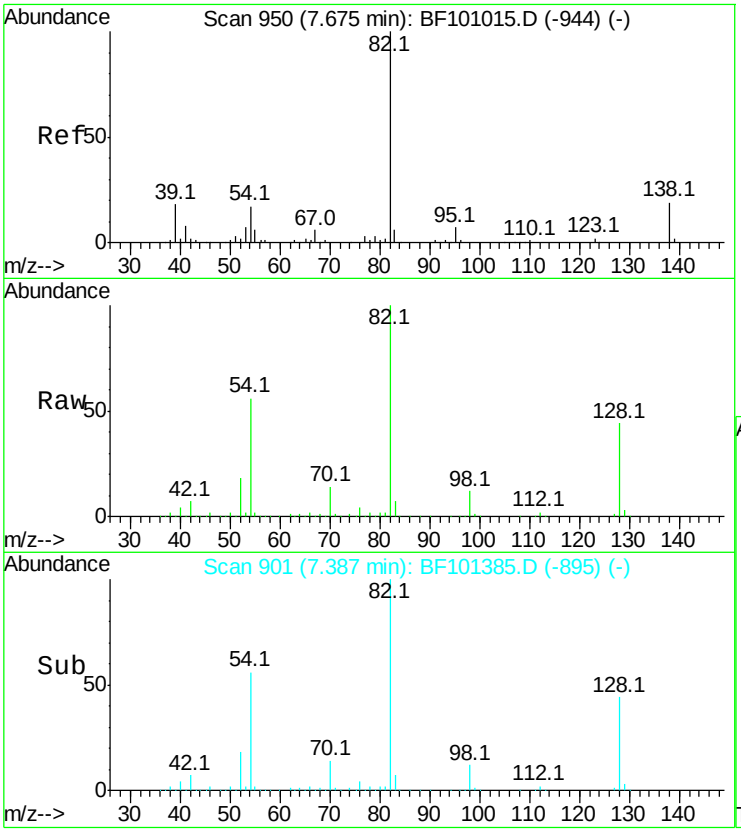


#23
Nitrobenzene-d5
Concen: 89.454 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion: 82 Resp: 1023302

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	55.9	41.4	62.2



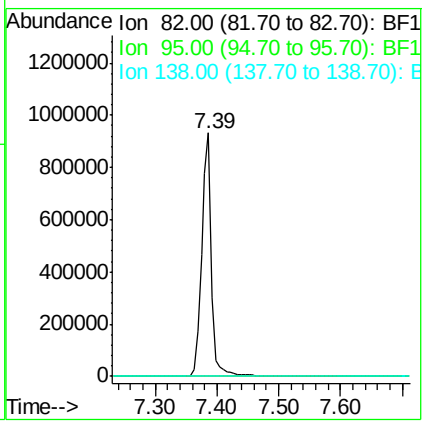


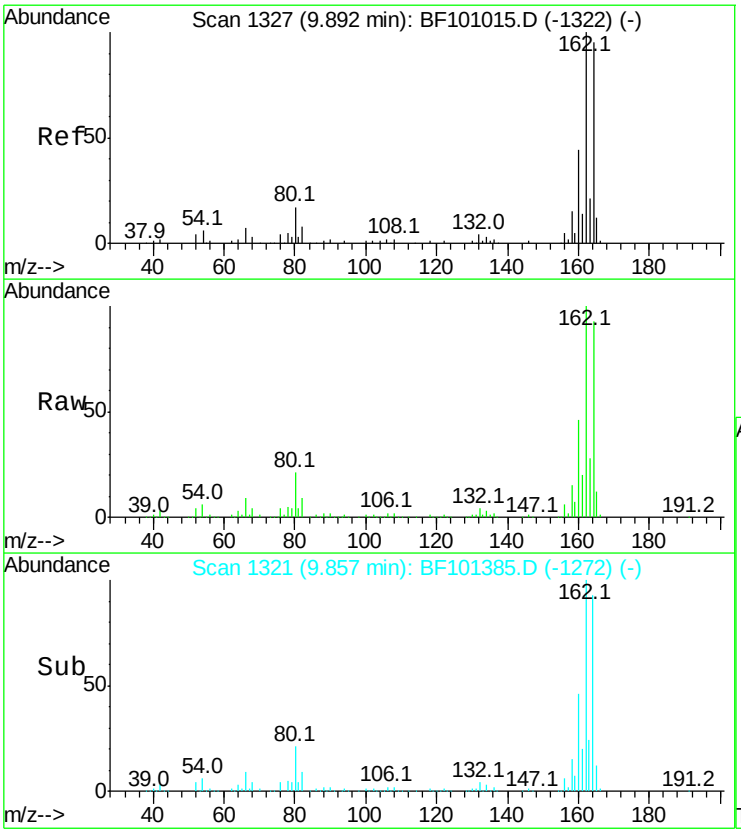
#25
Isophorone
Concen: 52.370 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1023296

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

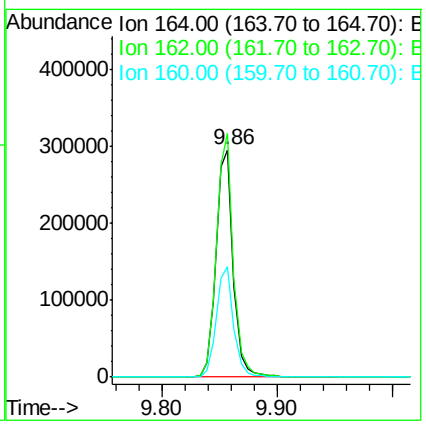


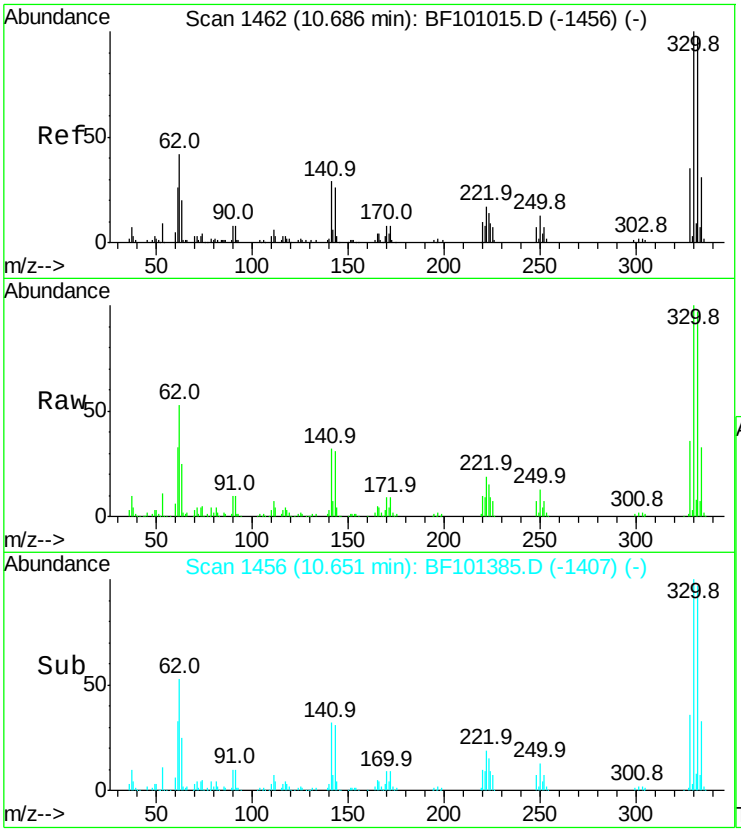


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion:164 Resp: 303988

Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	48.7	38.3	57.5



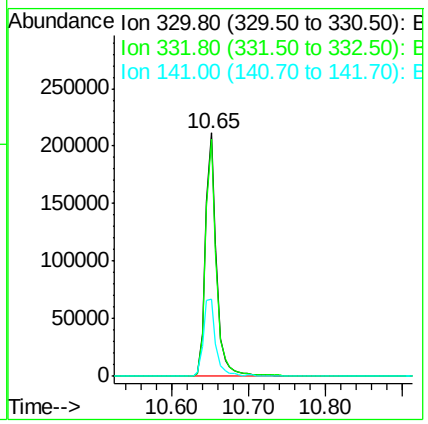


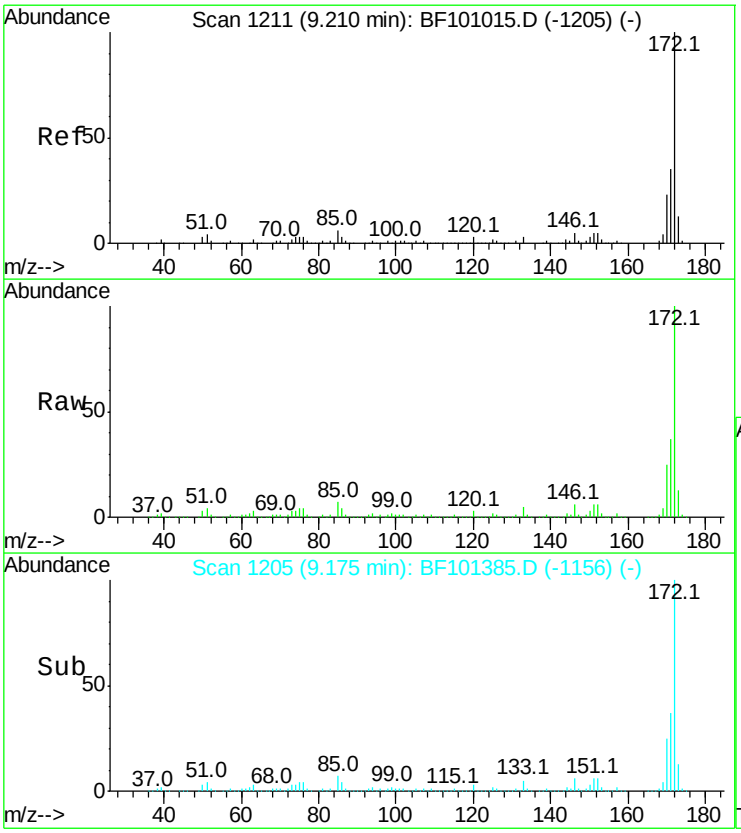
#41
2,4,6-Tribromophenol
Concen: 57.899 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 211435

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	36.5	29.9	44.9

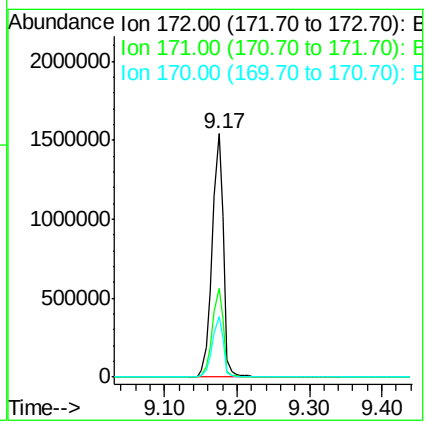


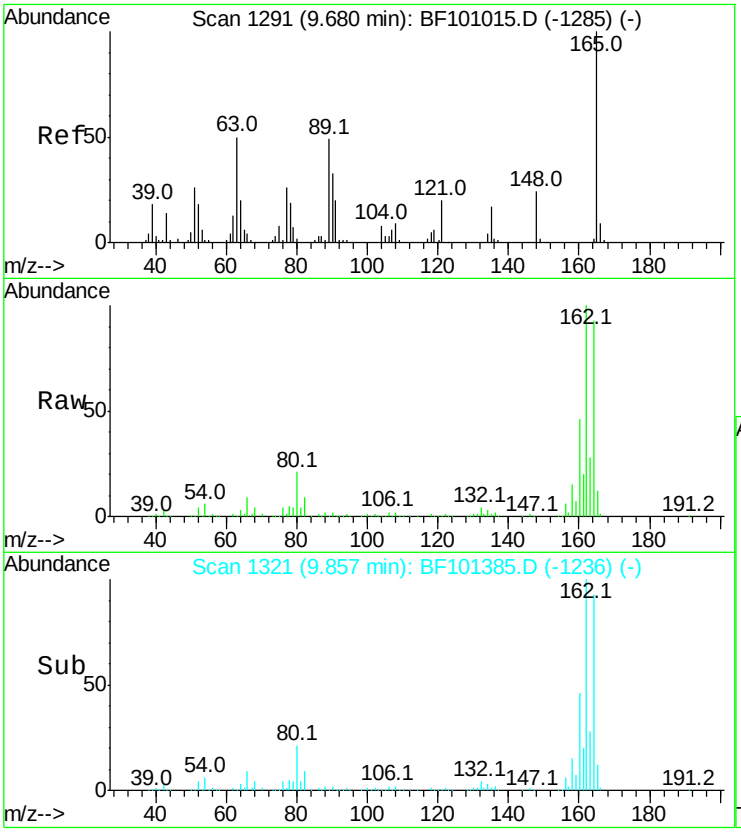


#44
2-Fluorobiphenyl
Concen: 74.666 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion:172 Resp: 1658940

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.7	19.6	29.4



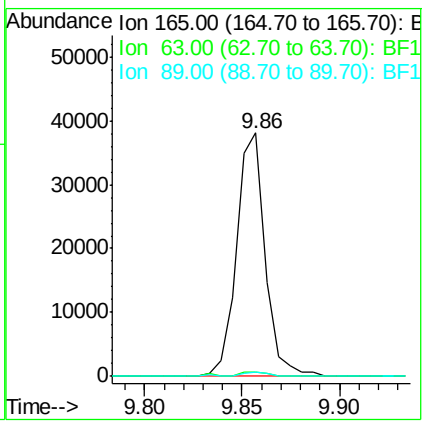


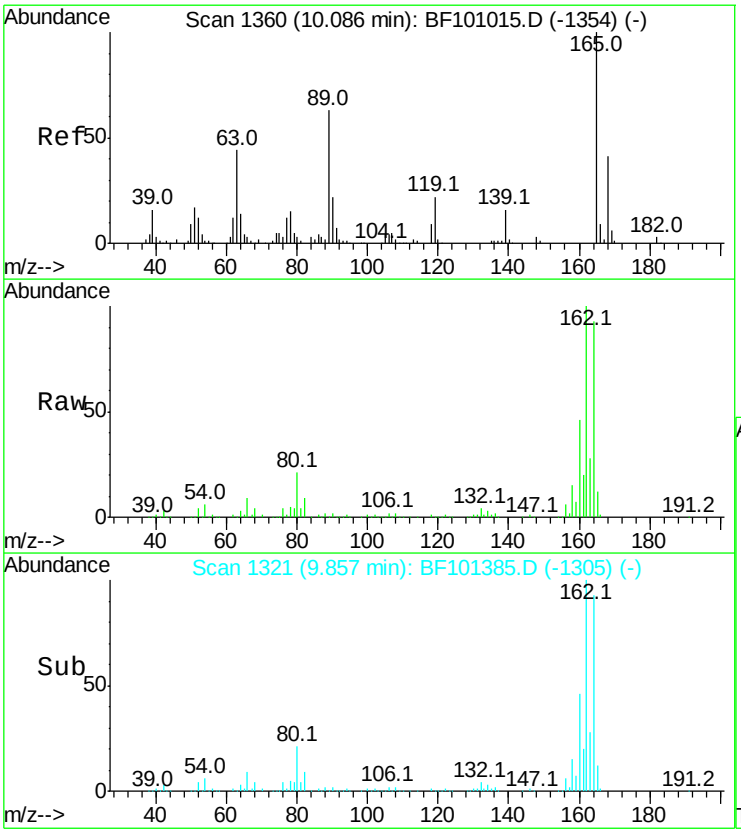
#50
2,6-Dinitrotoluene
Concen: 7.458 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.20 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38510

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.6	44.0	66.0#

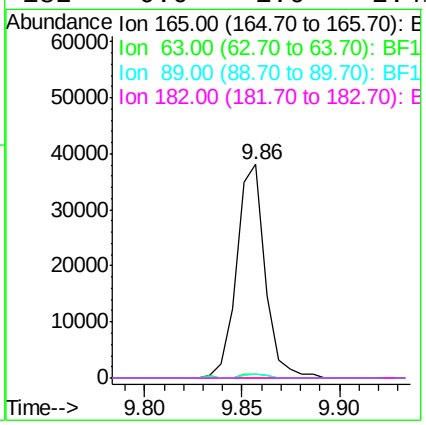


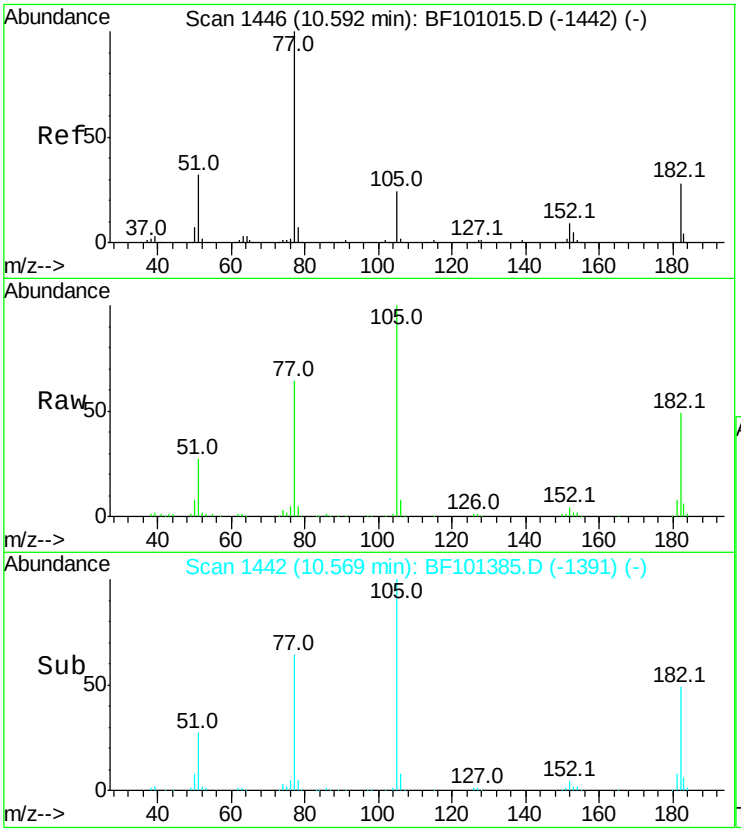


#56
2,4-Dinitrotoluene
Concen: 5.565 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.21 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion:165 Resp: 38510

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



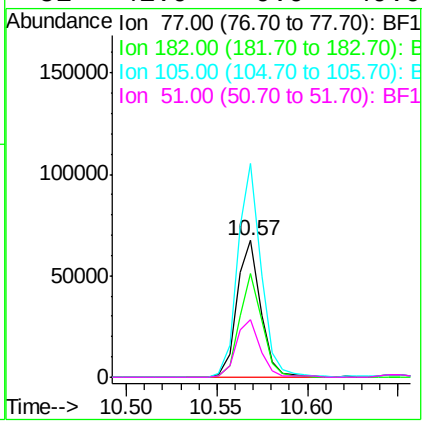


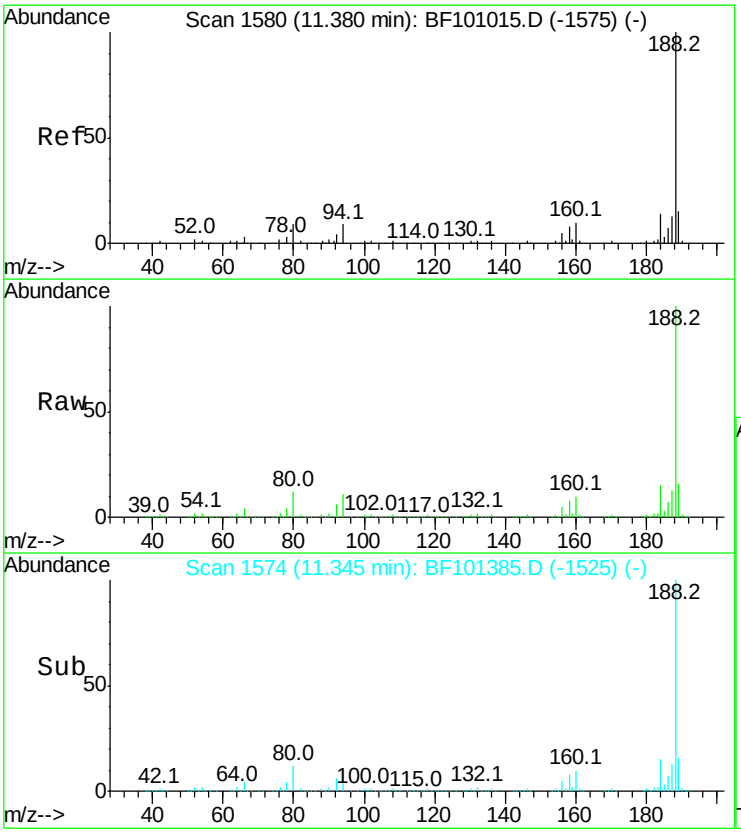
#62
Azobenzene
Concen: 3.002 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 61601

Ion	Ratio	Lower	Upper
77	100		
182	76.1	1.7	41.7#
105	156.0	3.0	43.0#
51	41.9	9.9	49.9

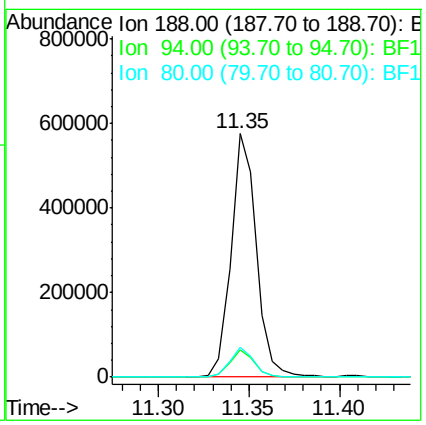


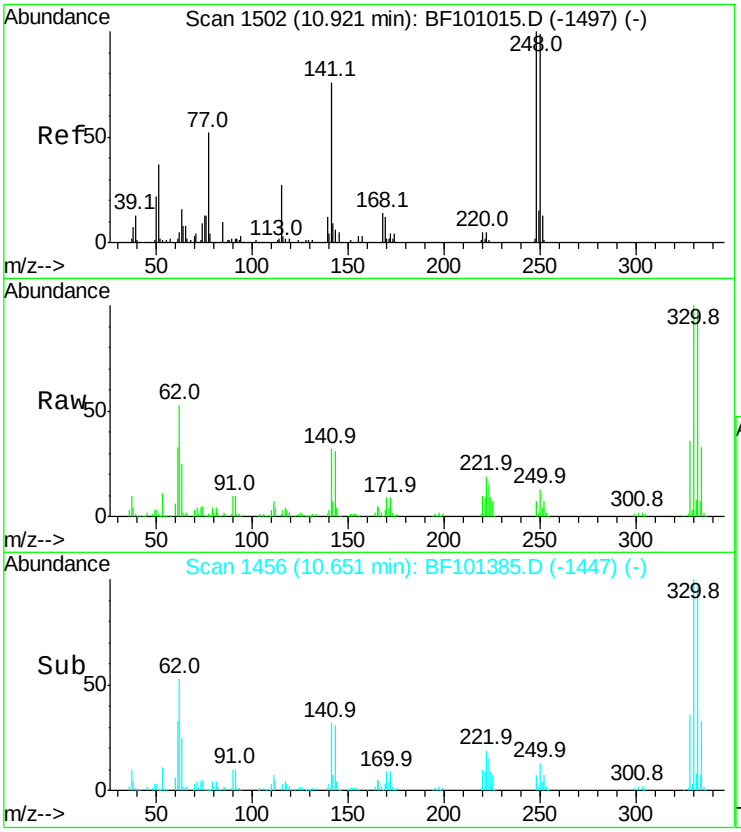


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion:188 Resp: 559713

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.3	9.2	13.8



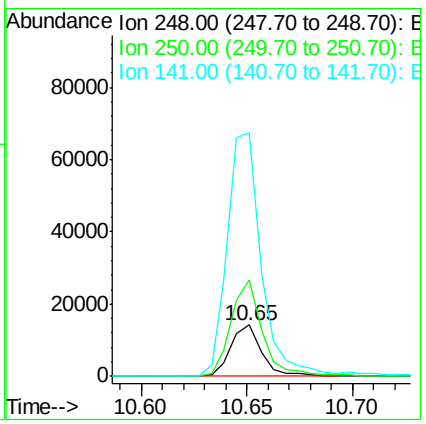


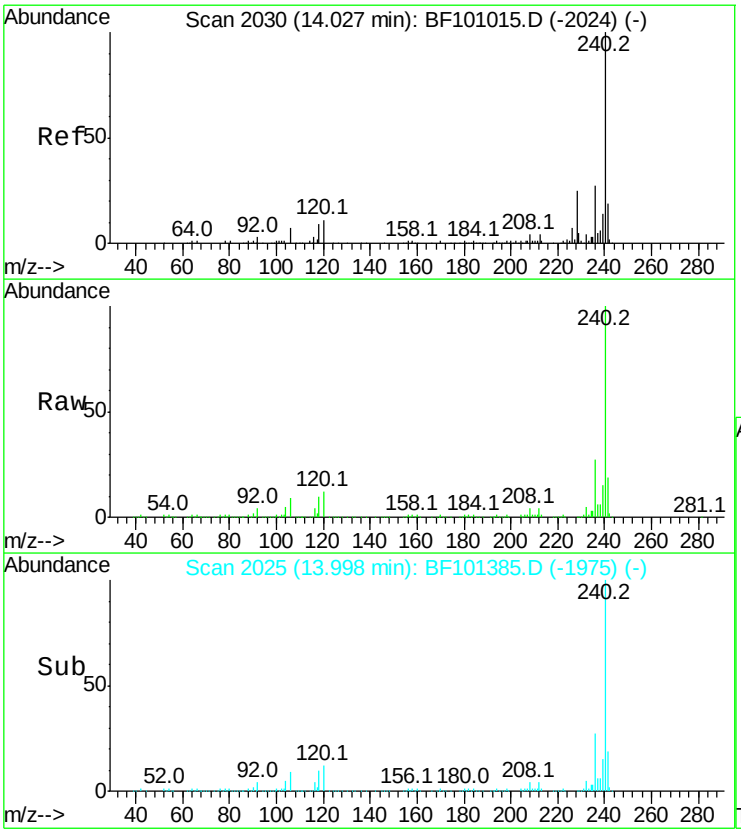
#66
4-Bromophenyl-phenylether
Concen: 2.293 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14363

Ion	Ratio	Lower	Upper
248	100		
250	188.2	76.9	115.3#
141	475.9	74.4	111.6#

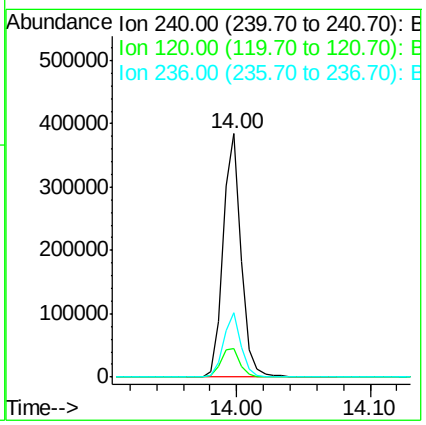


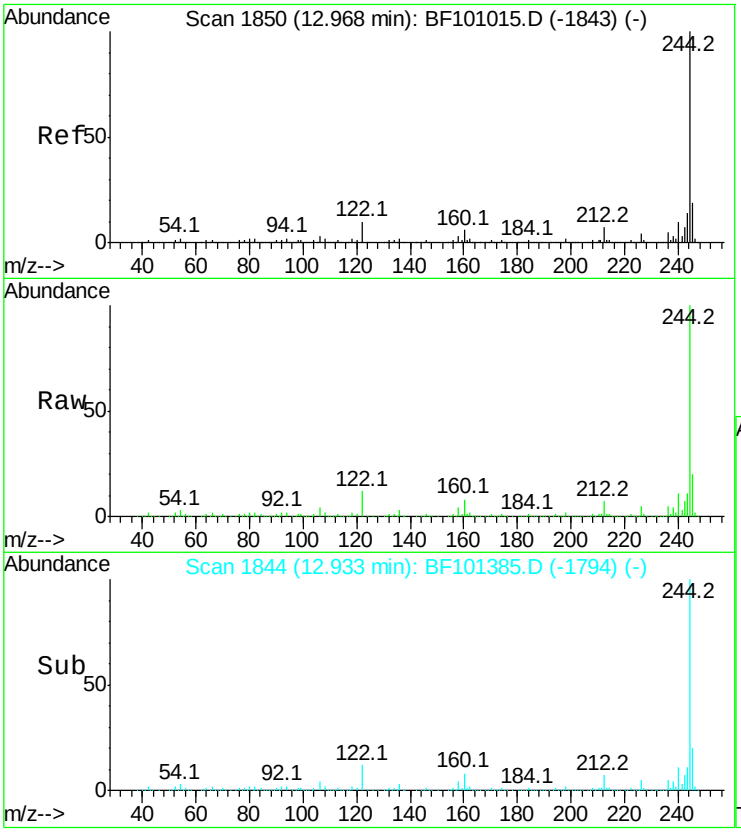


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion:240 Resp: 366095

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.7	20.7	31.1



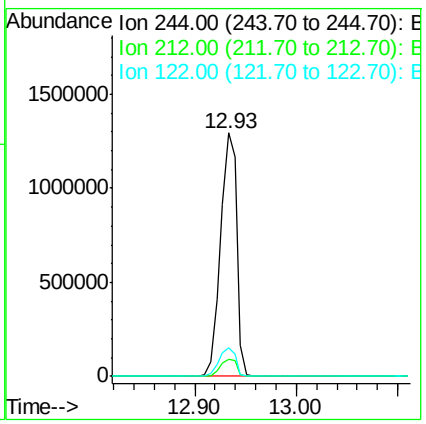


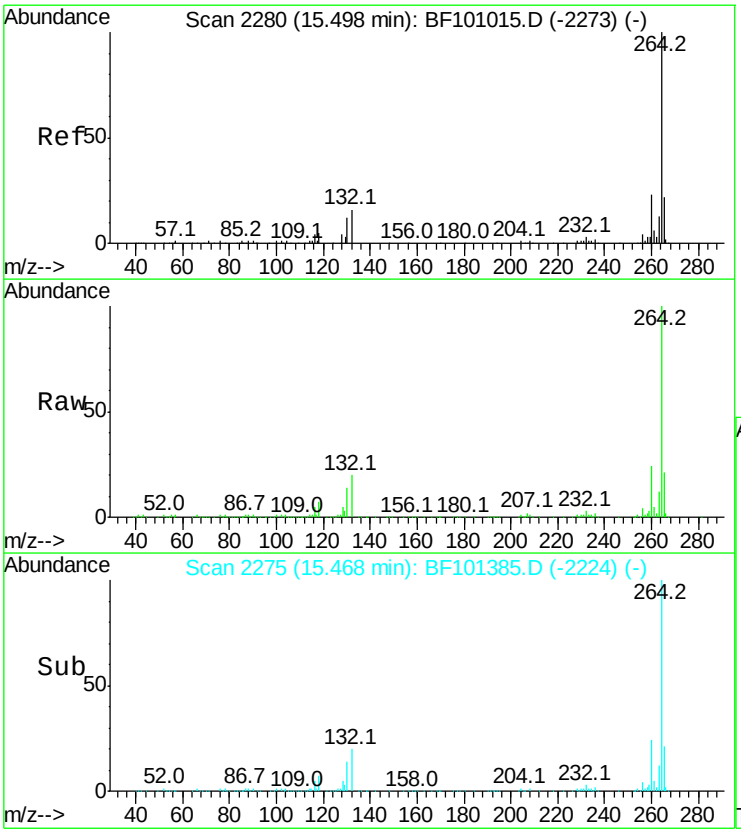
#78
Terphenyl-d14
Concen: 85.841 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1436779

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101385.D
Acq: 14 Dec 2017 1:09

Tgt Ion:264 Resp: 298832

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	17.5	26.3