Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121517\
Data File : BF101467.D
Acq On : 16 Dec 2017 3:03
Operator : SJ/JU
Sample : I6882-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 16 04:08:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	149310	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	608477	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	251176	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	418424	20.00	ng	0.00
75) Chrysene-d12	14.00	240	290147	20.00	ng	0.00
86) Perylene-d12	15.47	264	260687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	376029	37.51	ng	0.00
7) Phenol-d6	6.45	99	279418	22.40	ng	0.00
23) Nitrobenzene-d5	7.39	82	851295	77.88	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	174778	72.21	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1417246	87.53	ng	0.00
78) Terphenyl-d14	12.93	244	1015676	84.39	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	112262	13.703	ng	# 81
25) Isophorone	7.39	82	851291	38.822	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	31590	7.693	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	31590	6.828	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	10887	2.316	ng	# 1

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

Quantitation Report (Not Reviewed)

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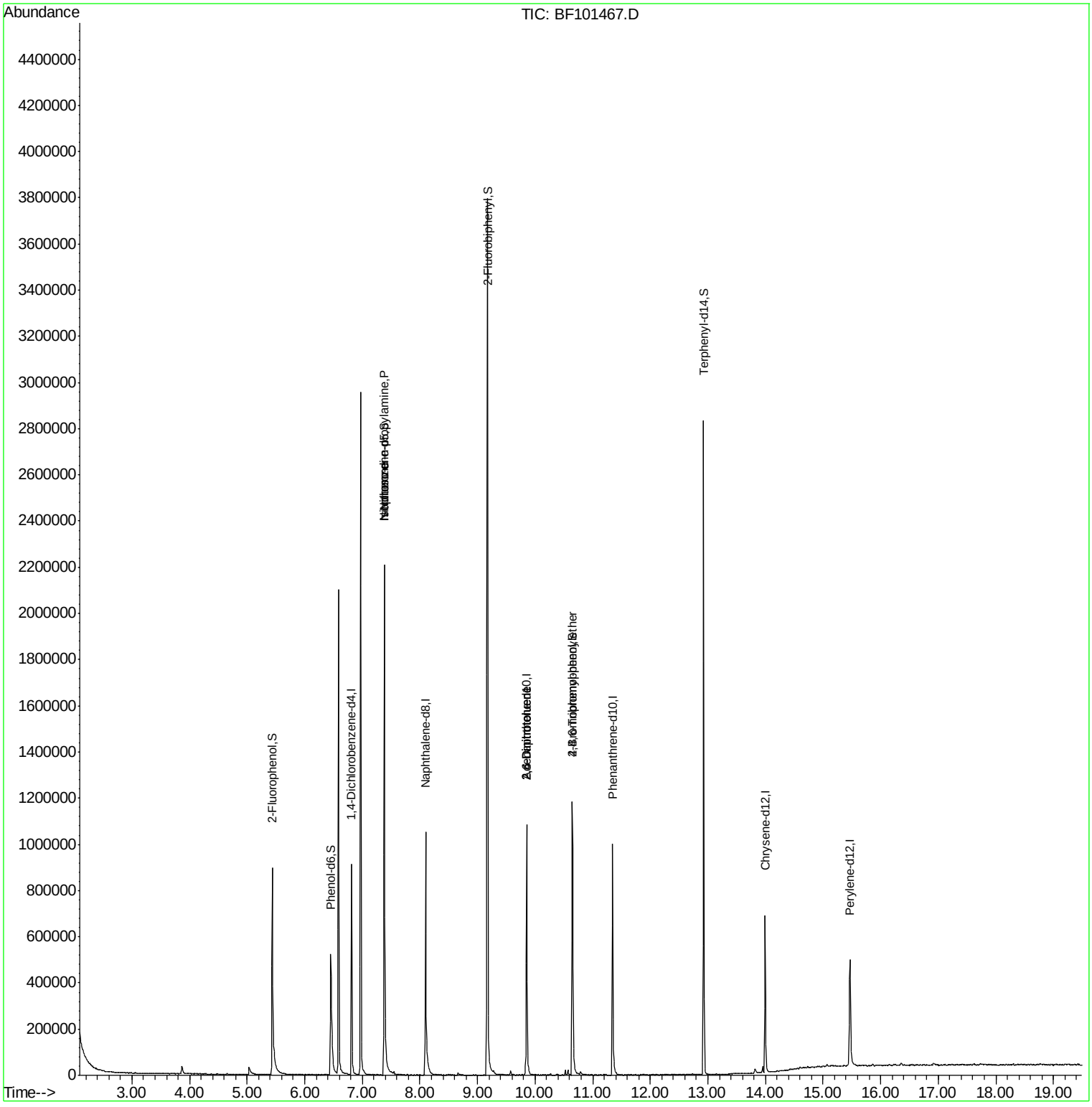
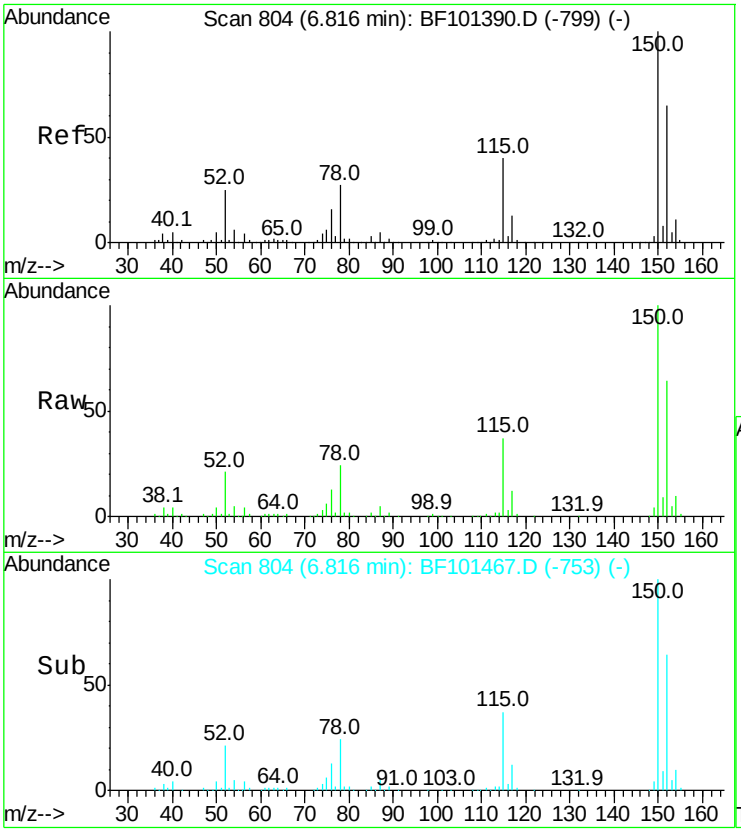


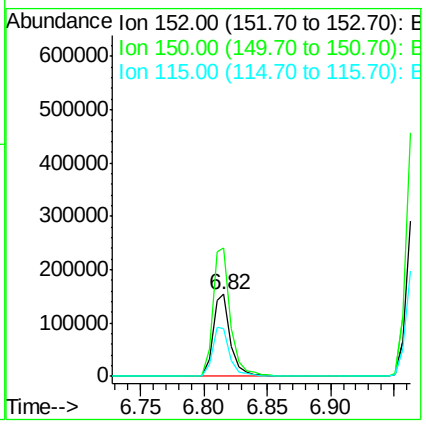


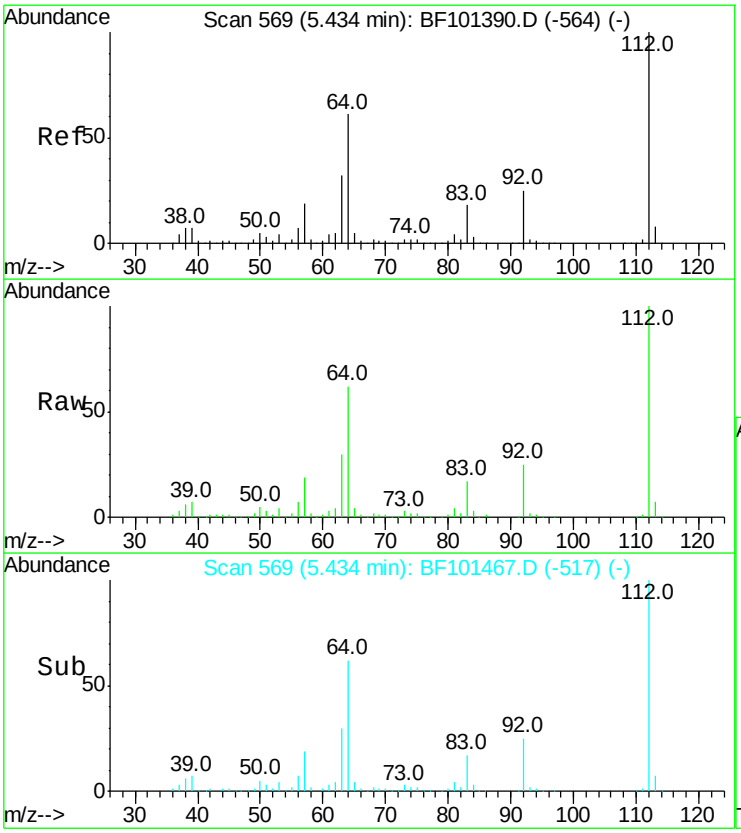
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 149310

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	57.9	50.1	75.1

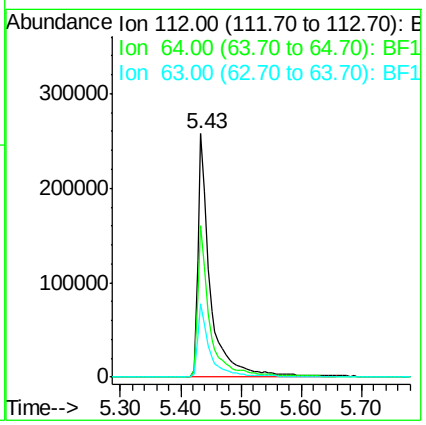


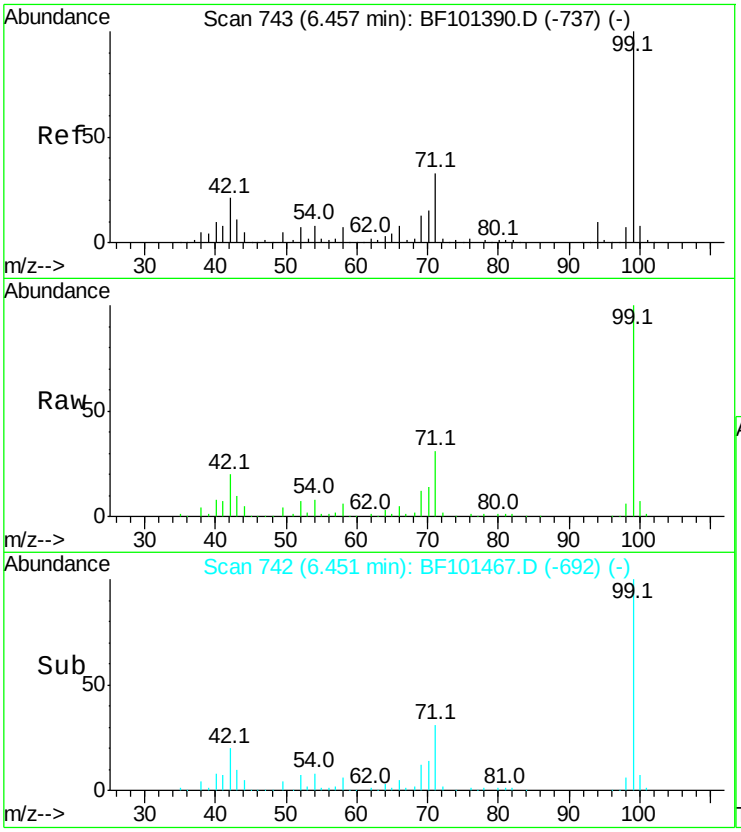


#5
2-Fluorophenol
Concen: 37.514 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Tgt Ion:112 Resp: 376029

Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.9	71.9
63	30.3	23.7	35.5



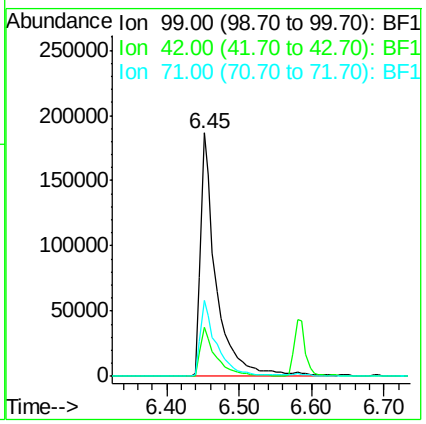


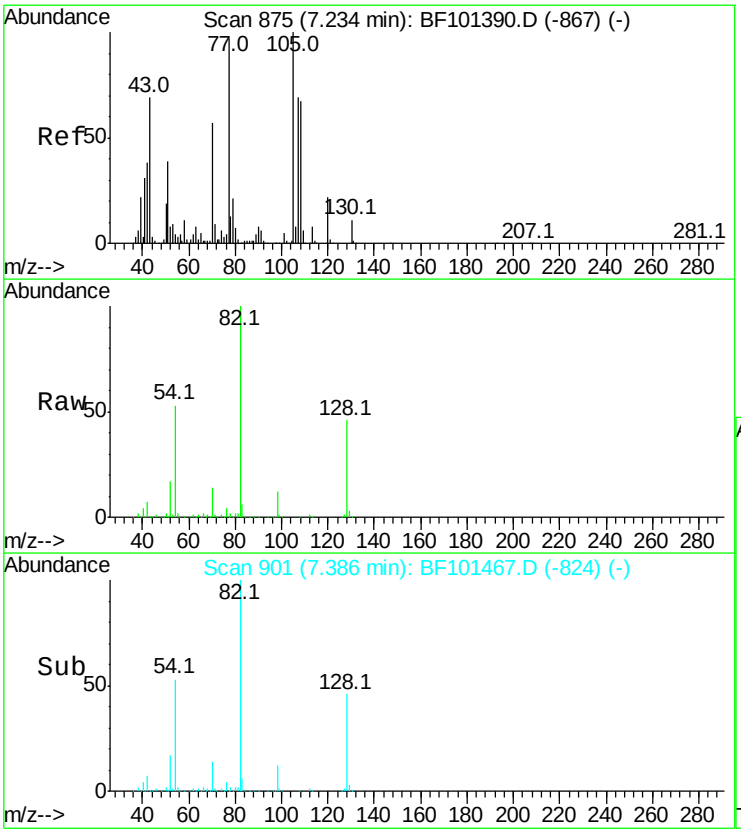
#7
Phenol-d6
Concen: 22.399 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 279418

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	31.3	25.4	38.0

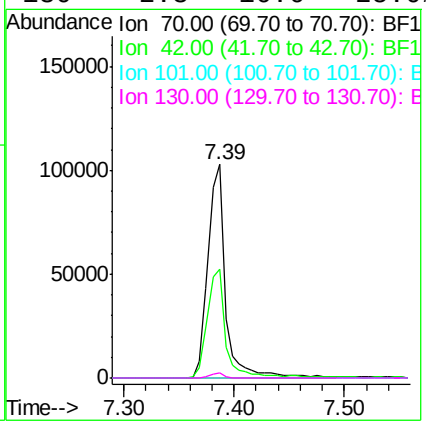


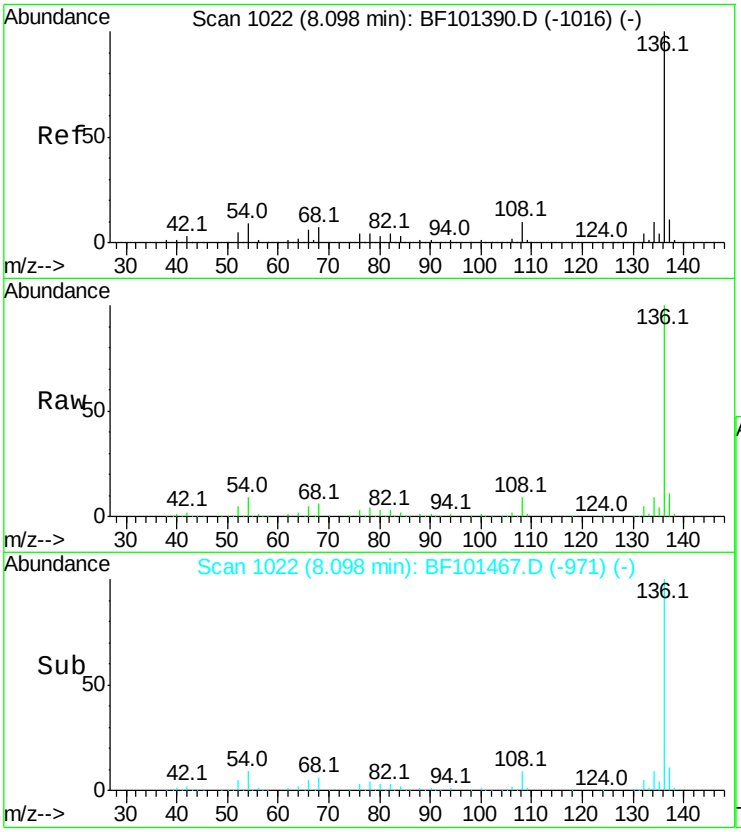


#19
n-Nitroso-di-n-propylamine
Concen: 13.703 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Tgt Ion: 70 Resp: 112262

Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



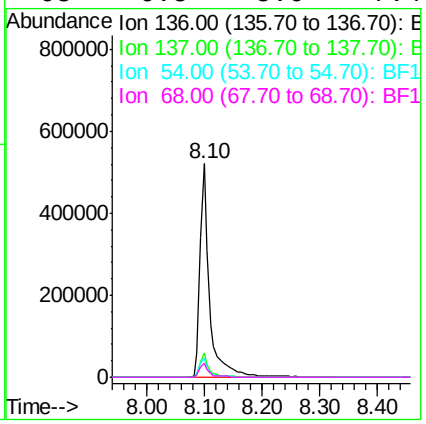


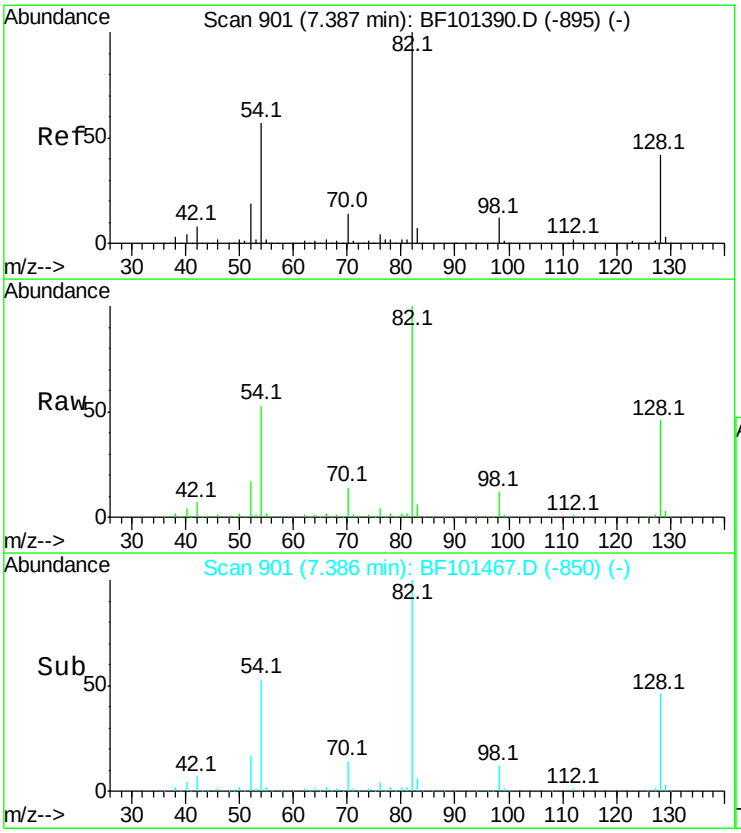
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 608477

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.9	6.6	9.8
68	6.5	5.0	7.4

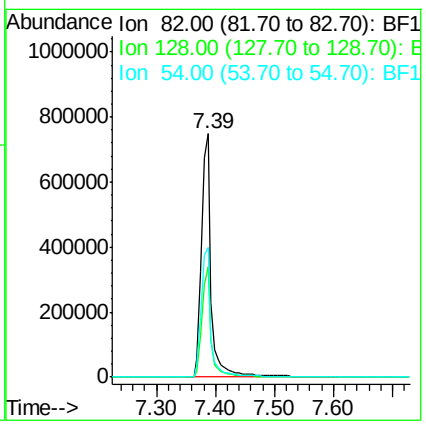


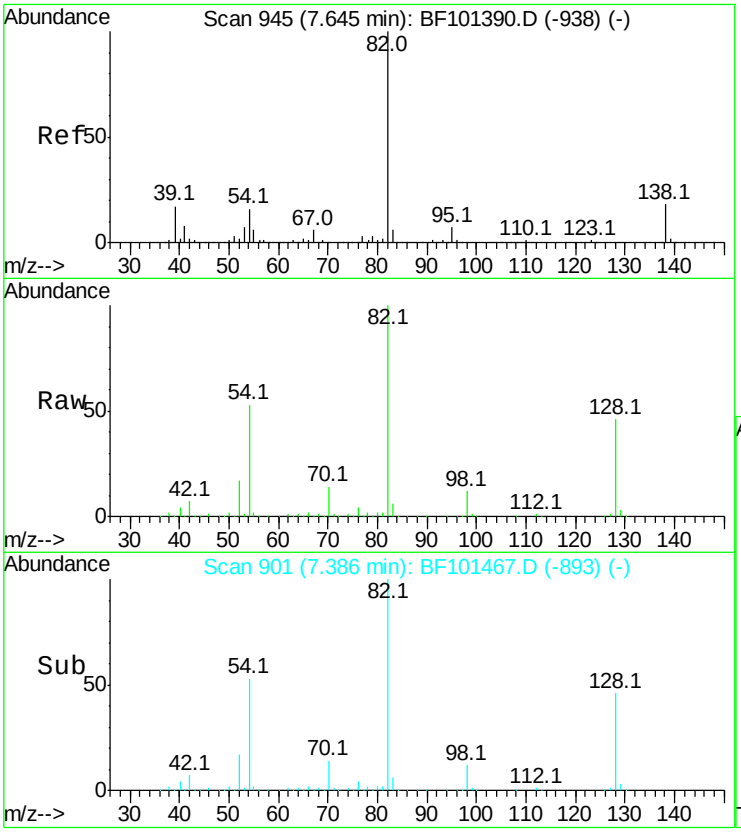


#23
Nitrobenzene-d5
Concen: 77.880 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Tgt Ion: 82 Resp: 851295

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	53.3	41.4	62.2

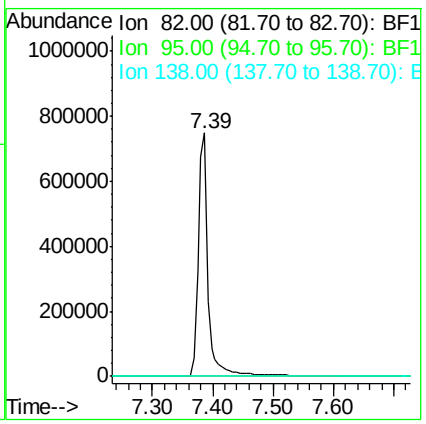




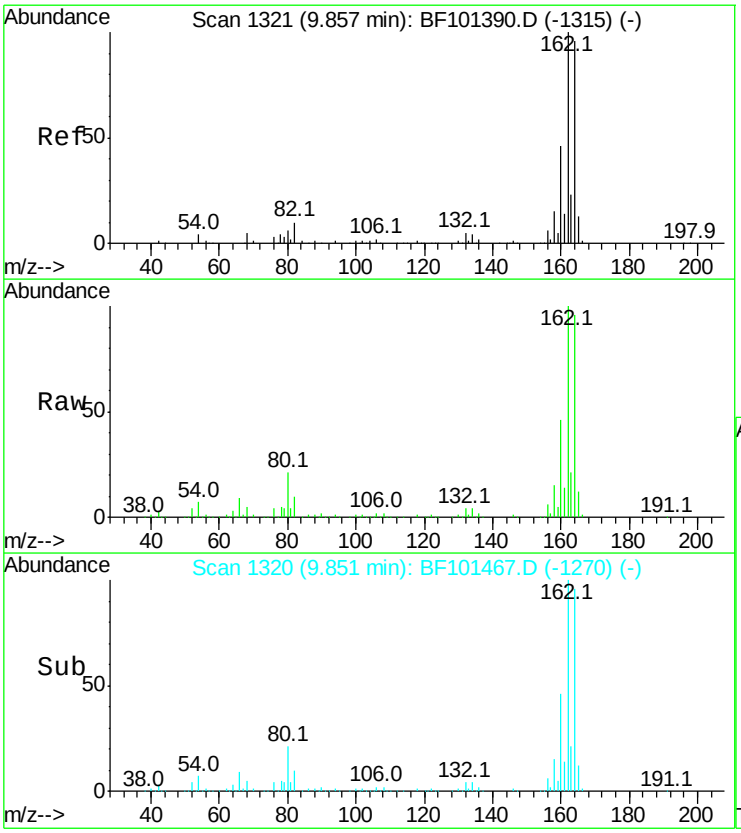
#25
Isophorone
Concen: 38.822 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.25 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Tgt Ion: 82 Resp: 851291

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



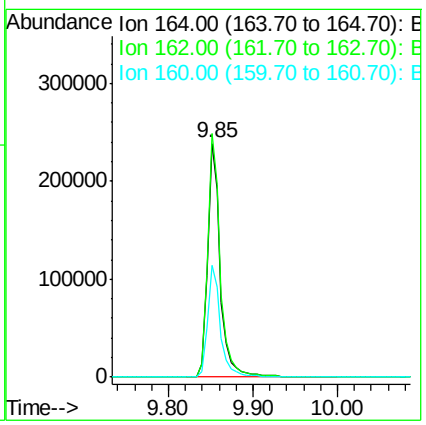
Instrument :
BNA_F
ClientSampleId :

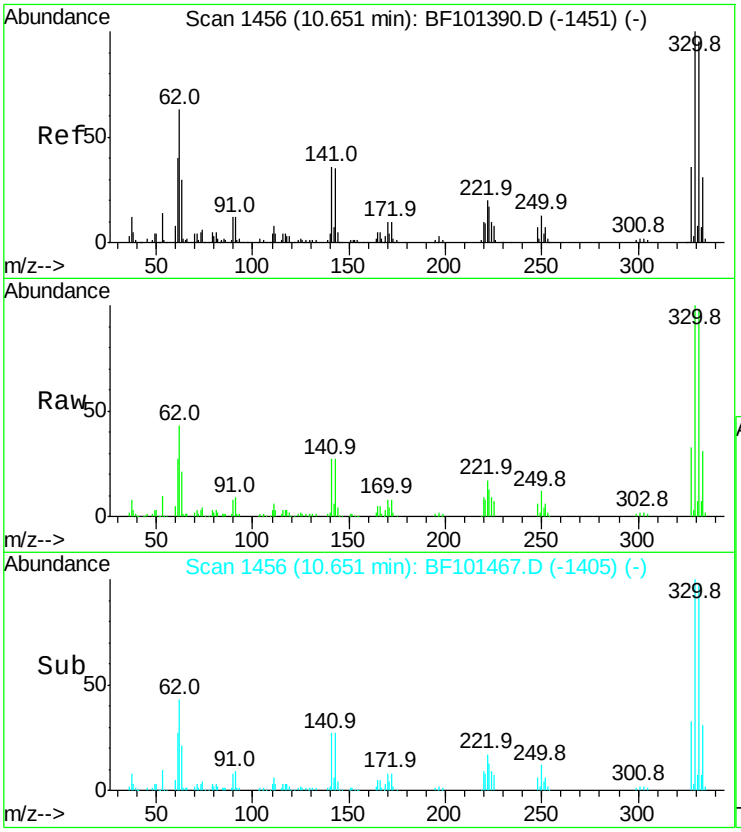


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Tgt Ion:164 Resp: 251176

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	47.9	38.3	57.5



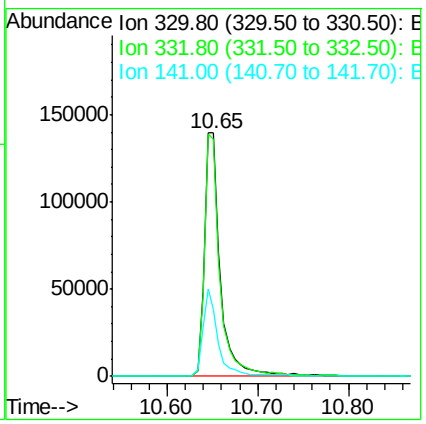


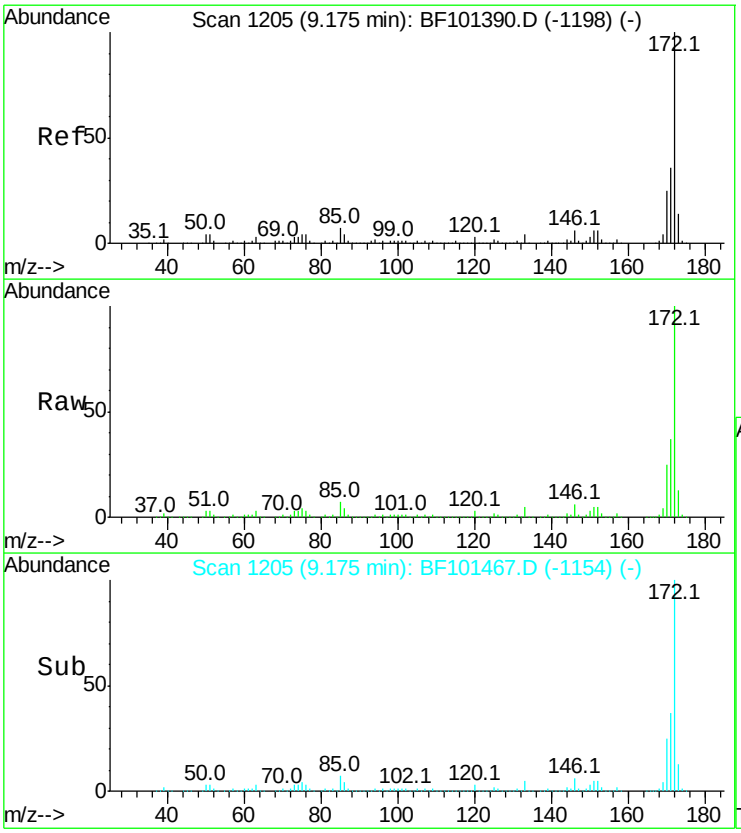
#41
2,4,6-Tribromophenol
Concen: 72.214 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 174778

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.8	29.9	44.9

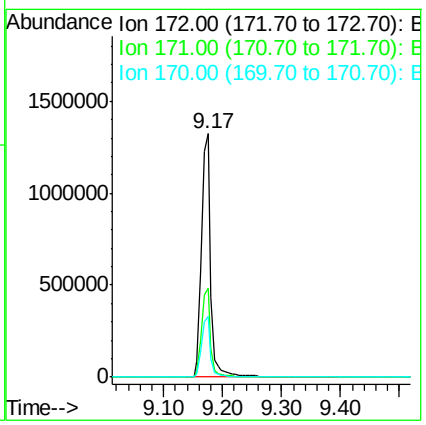


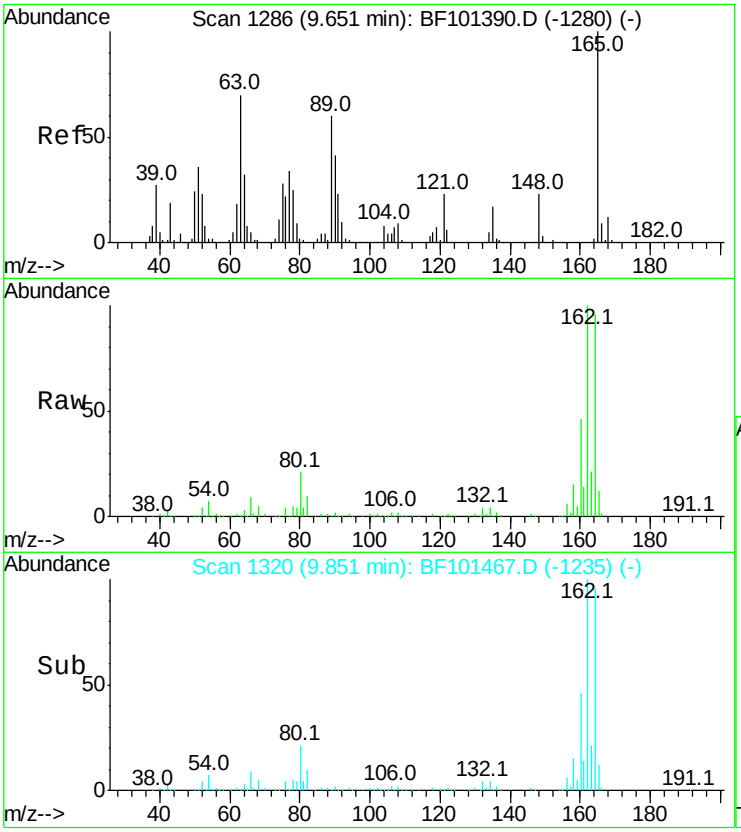


#44
2-Fluorobiphenyl
Concen: 87.528 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Tgt Ion:172 Resp: 1417246

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.8	19.6	29.4



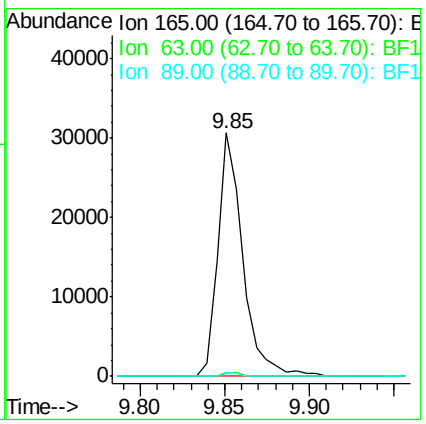


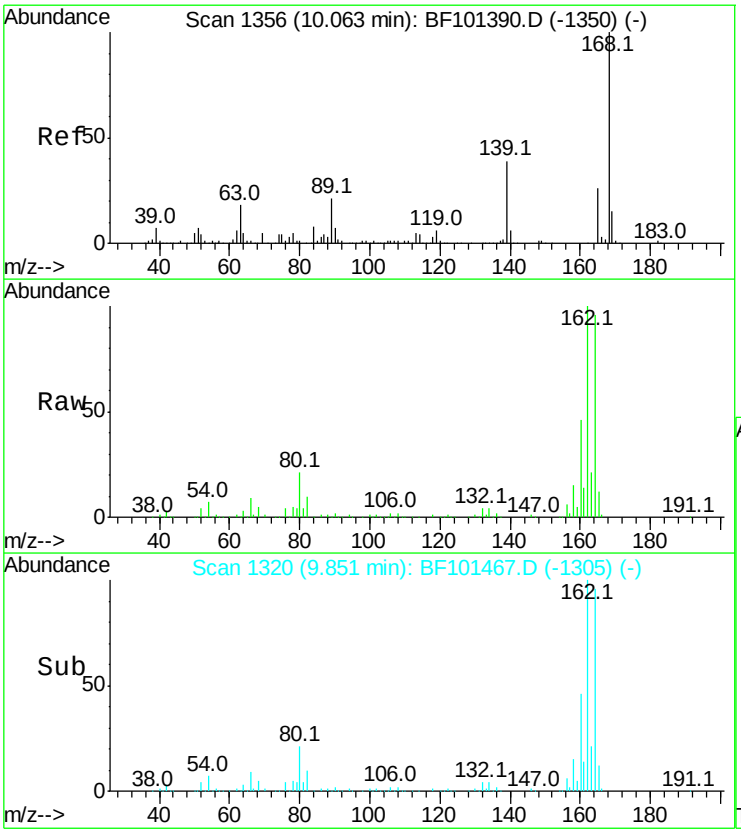
#50
2,6-Dinitrotoluene
Concen: 7.693 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.20 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31590

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#

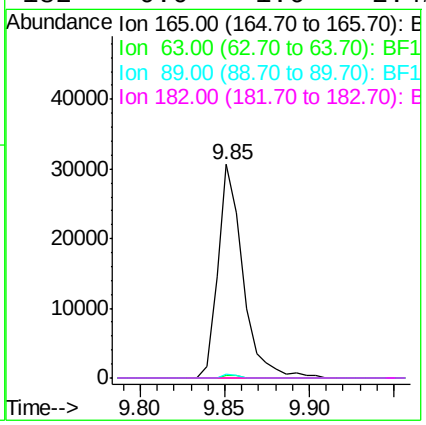


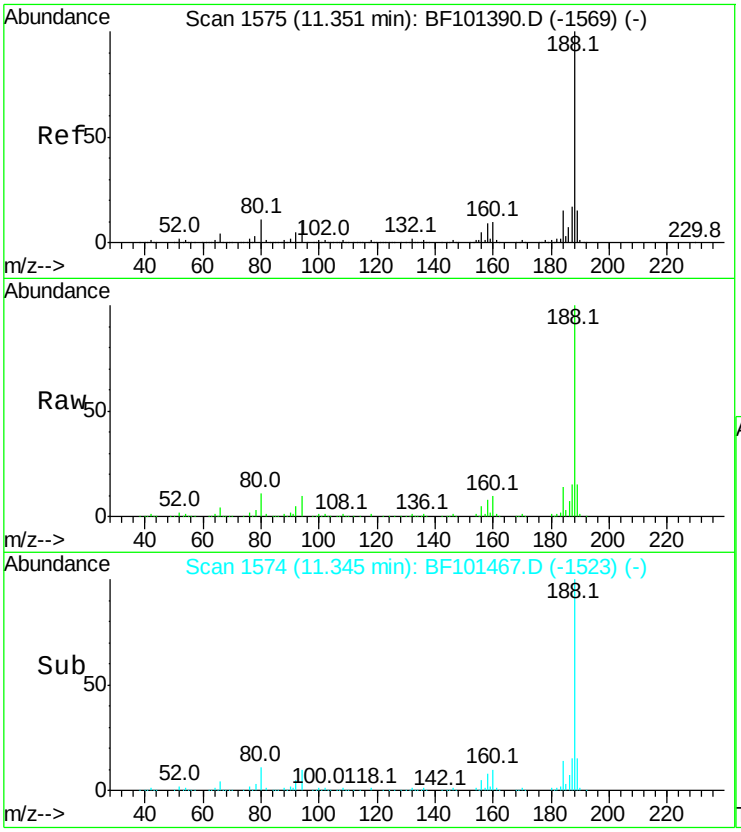


#56
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Tgt Ion:165 Resp: 31590

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



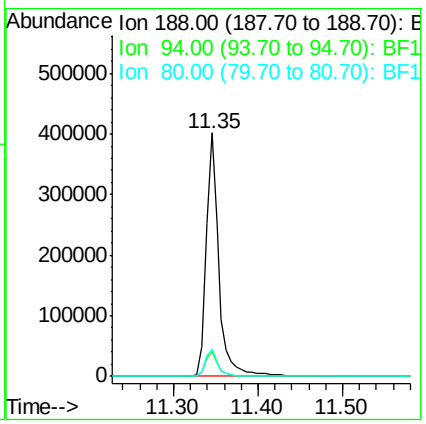


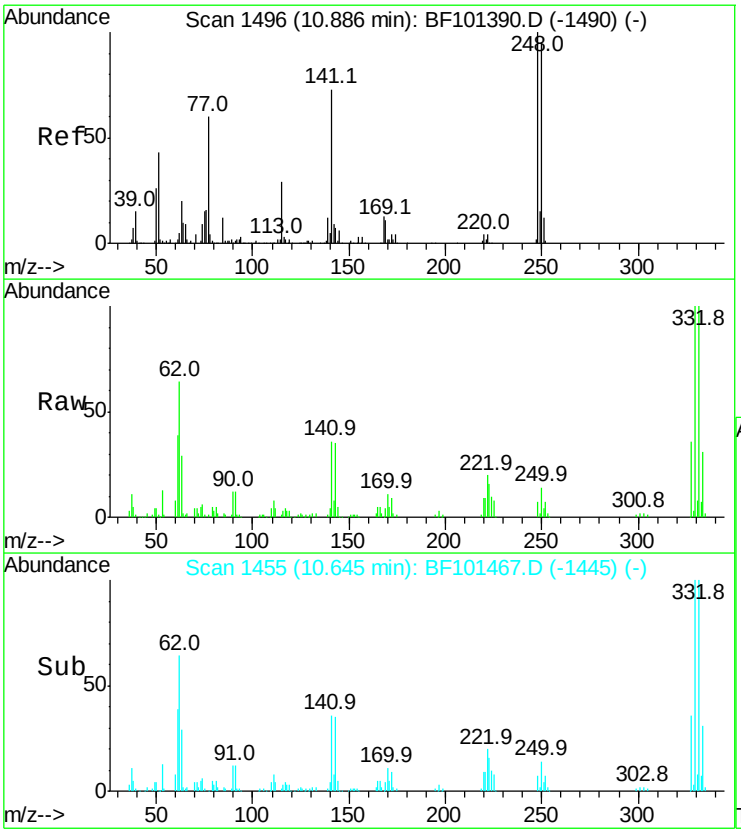
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 418424

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.3	9.2	13.8

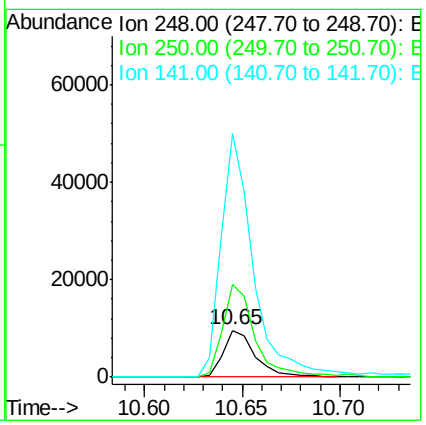


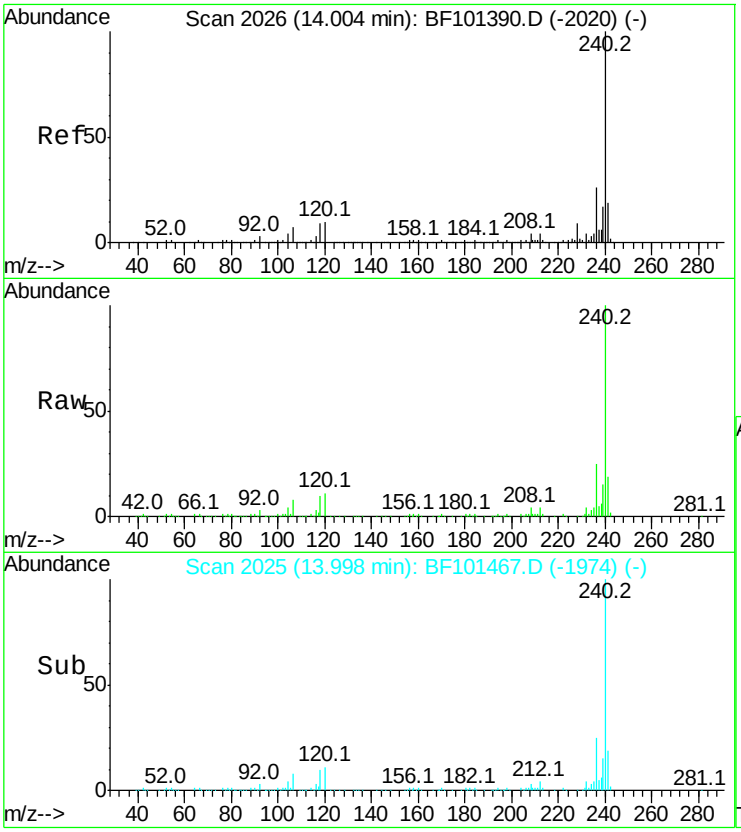


#66
4-Bromophenyl-phenylether
Concen: 2.316 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Tgt Ion:248 Resp: 10887

Ion	Ratio	Lower	Upper
248	100		
250	199.0	76.9	115.3#
141	522.4	74.4	111.6#



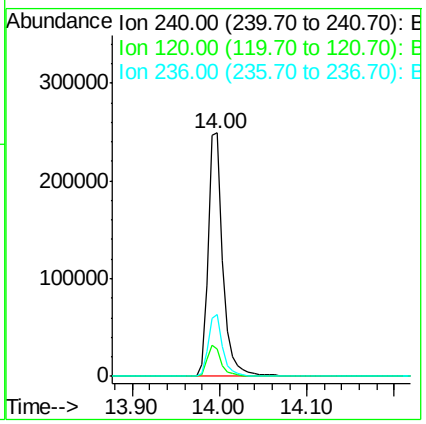


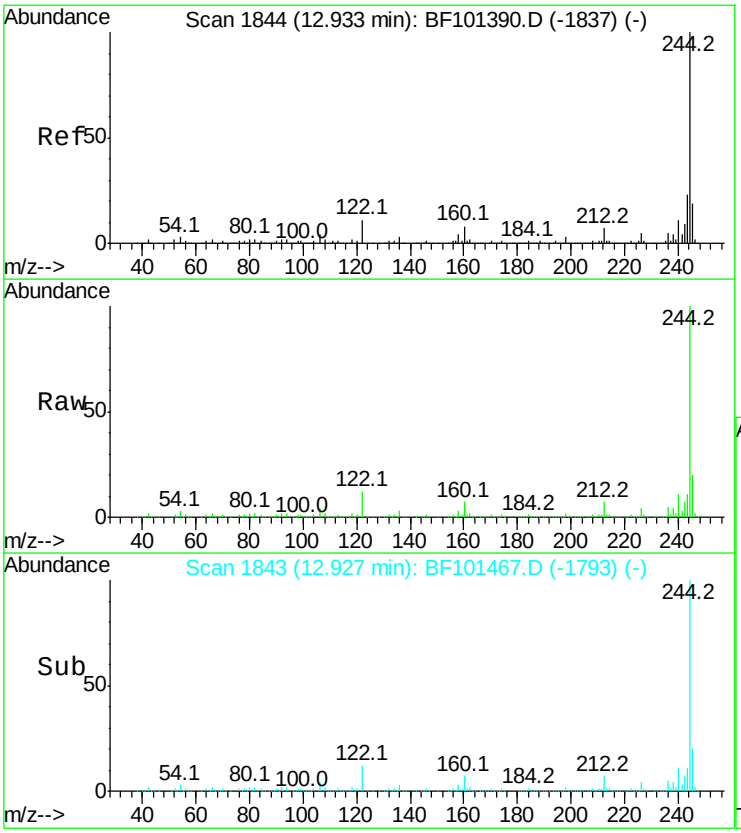
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 290147

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.5	20.7	31.1

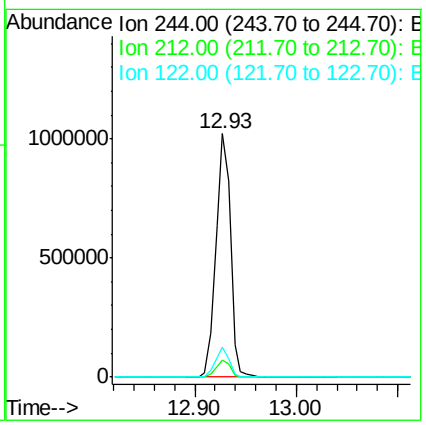


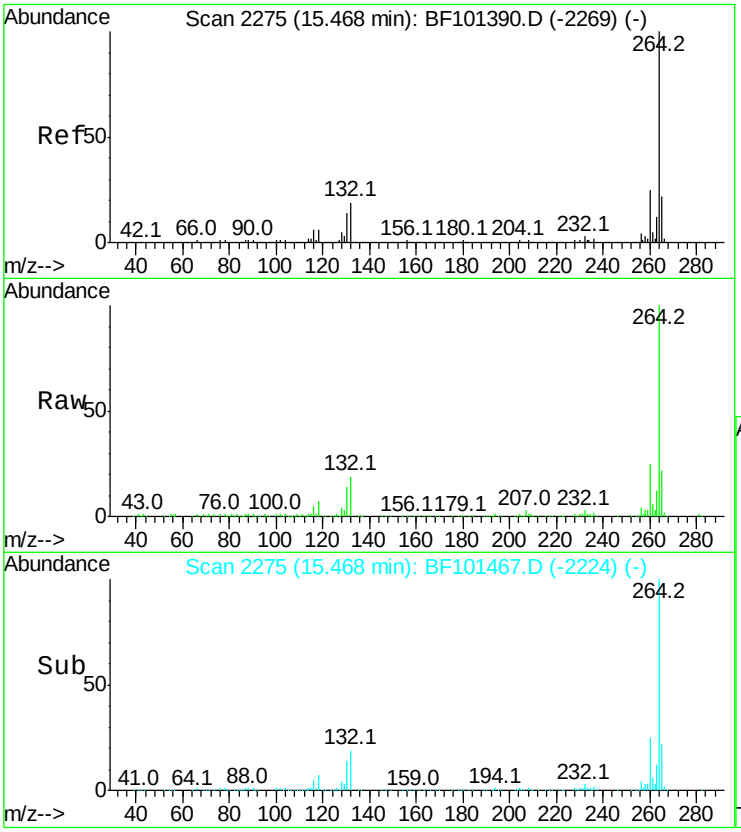


#78
Terphenyl-d14
Concen: 84.390 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF101467.D
Acq: 16 Dec 2017 3:03

Tgt Ion:244 Resp: 1015676

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.2	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: BF101467.D
Acq: 16 Dec 2017 3:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 260687

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.6	17.5	26.3