Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111417\

Quantitation Report (Not Reviewed)

Data File : BF100559.D
Acq On : 14 Nov 2017 22:44
Operator : SJ/JU
Sample : I6388-01RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-1

Quant Time: Nov 15 01:09:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	124290	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	462192	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	179784	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	301619	20.00	ng		0.00
75) Chrysene-d12	14.04	240	262204	20.00	ng		0.00
86) Perylene-d12	15.52	264	195002	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	795407	102.58	ng		0.01
7) Phenol-d6	6.51	99	962956	100.71	ng		0.00
23) Nitrobenzene-d5	7.45	82	582093	83.26	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	173157	94.52	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1001844	84.85	ng		0.00
78) Terphenyl-d14	12.99	244	765150	67.05	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	16023	2.35	ng		81
10) Phenol	6.52	94	41153	4.10	ng		96
19) n-Nitroso-di-n-propylamine	7.45	70	77518	11.69	ng	#	80
25) Isophorone	7.45	82	582084	39.62	ng	#	64
47) 2-Nitroaniline	9.63	65	478	2.92	ng	#	1
49) Dimethylphthalate	9.63	163	56941	4.15	ng		99
50) 2,6-Dinitrotoluene	9.92	165	22230	8.18	ng	#	26
56) 2,4-Dinitrotoluene	9.92	165	22230	6.49	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.71	198	260	8.71	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	10700	3.31	ng	#	1

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

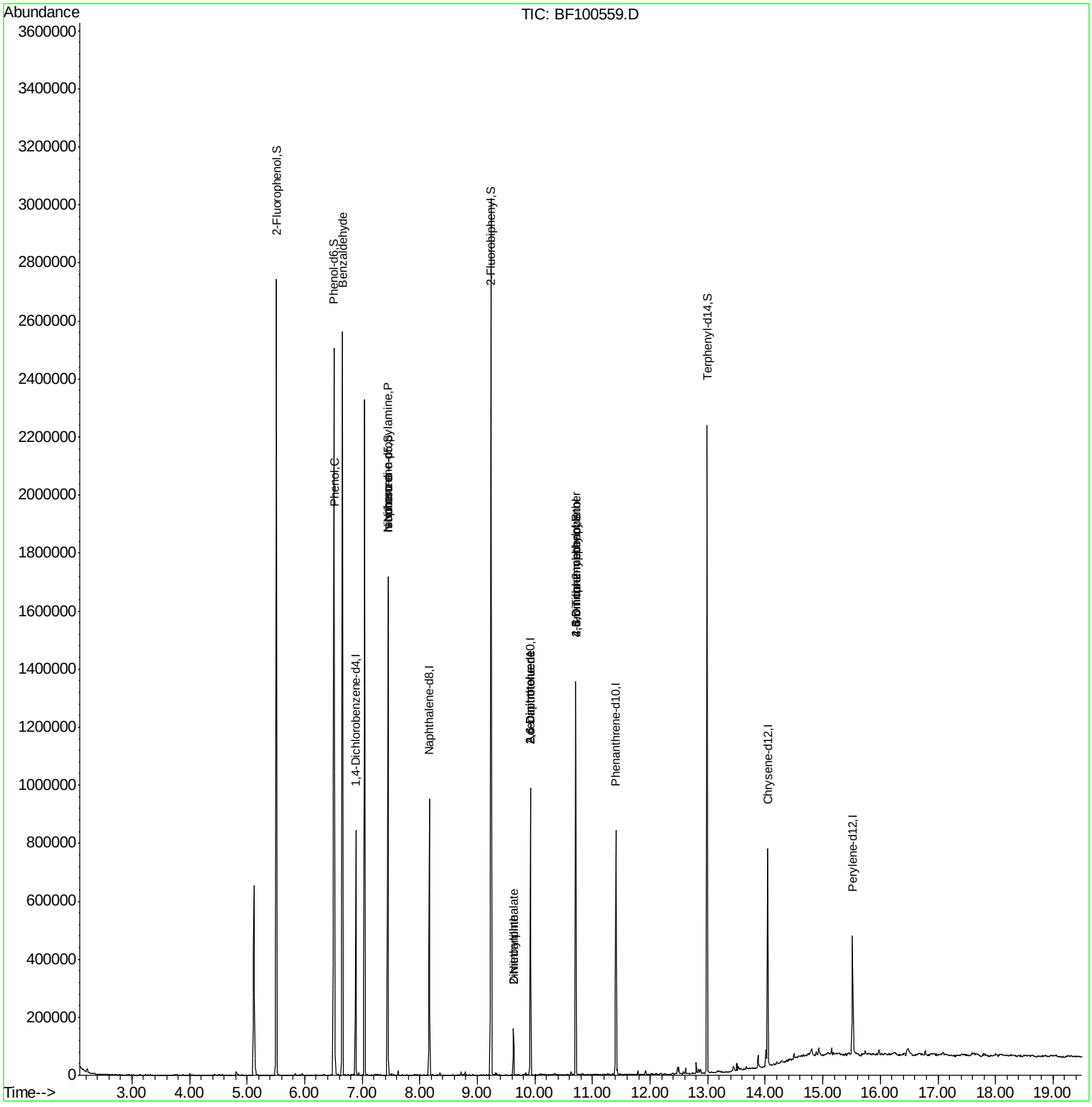
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111417\

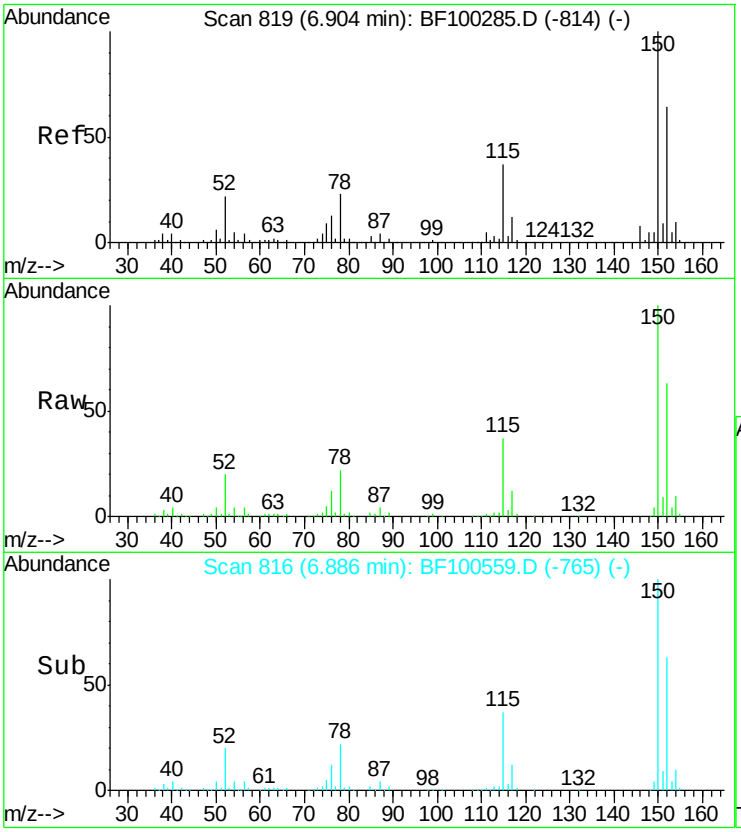
Quantitation Report (Not Reviewed)

Data File : BF100559.D
Acq On : 14 Nov 2017 22:44
Operator : SJ/JU
Sample : I6388-01RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-1

Quant Time: Nov 15 01:09:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration



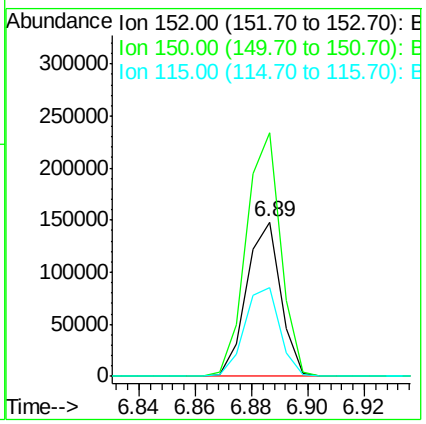


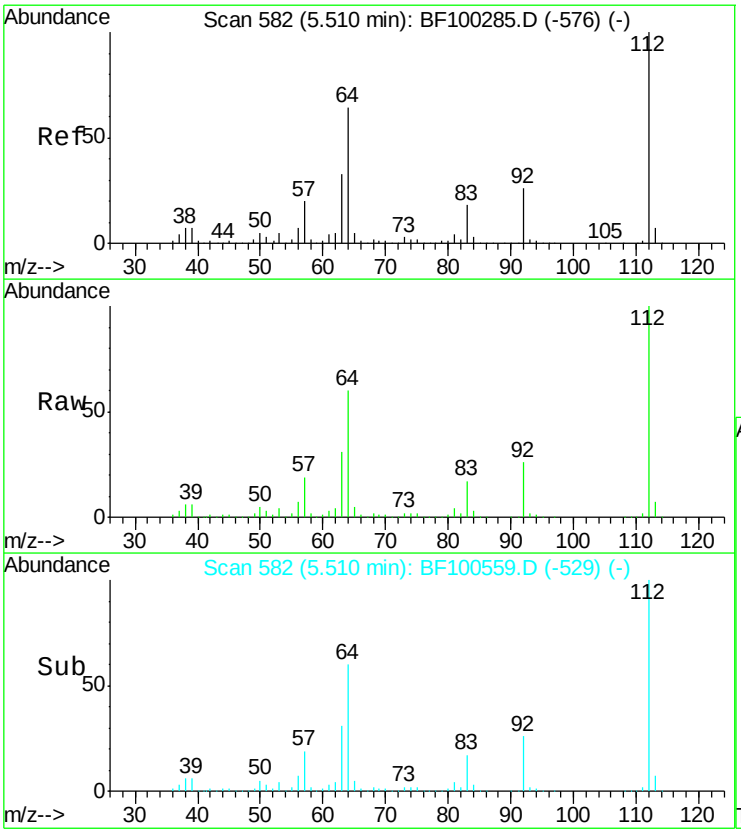
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion:152 Resp: 124290

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	57.9	50.1	75.1

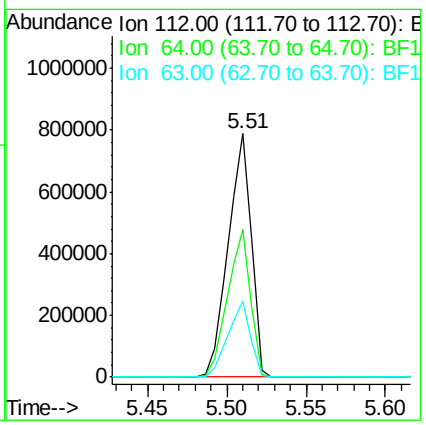


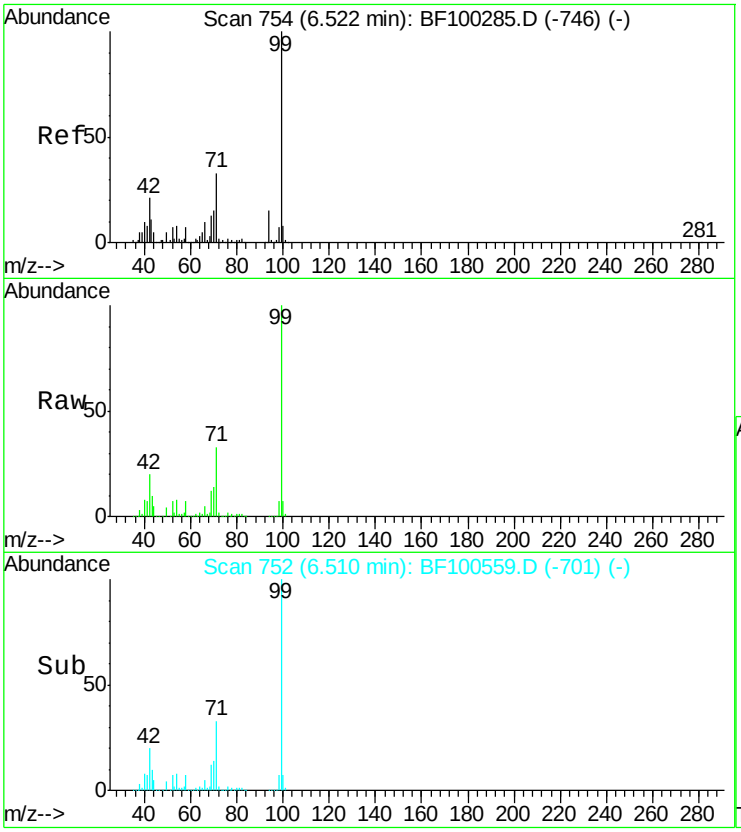


#5
2-Fluorophenol
Concen: 102.58 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Tgt Ion:112 Resp: 795407

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	31.4	23.7	35.5



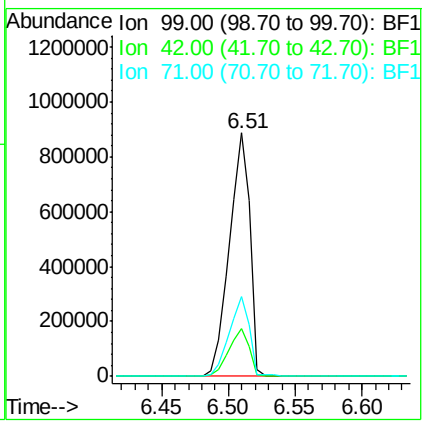


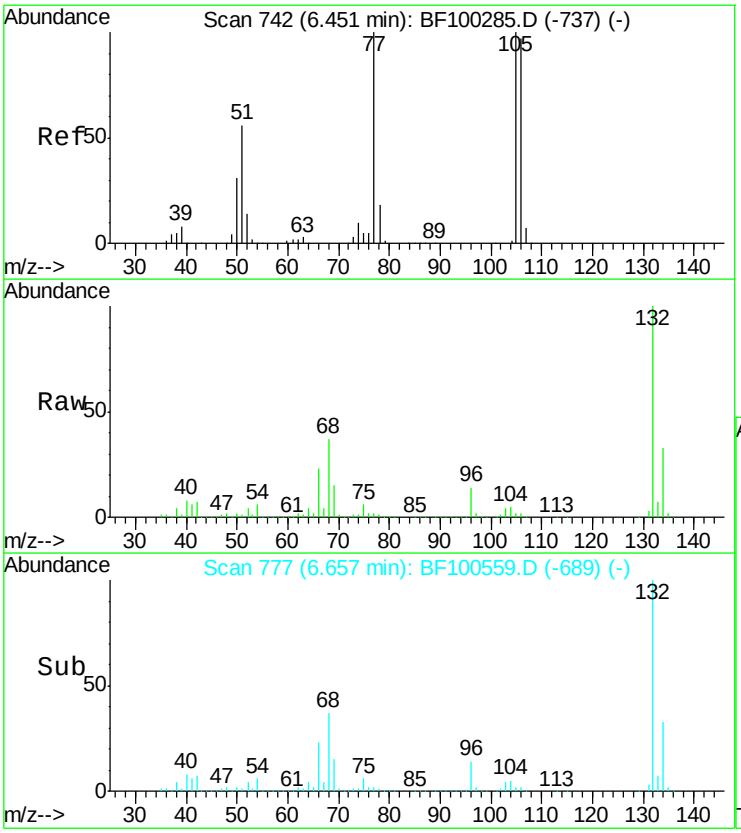
#7
Phenol-d6
Concen: 100.71 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion: 99 Resp: 962956

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.6	25.4	38.0

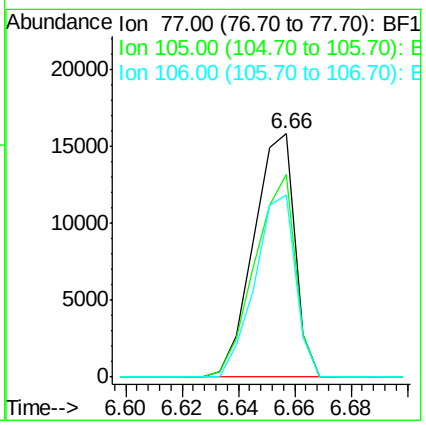


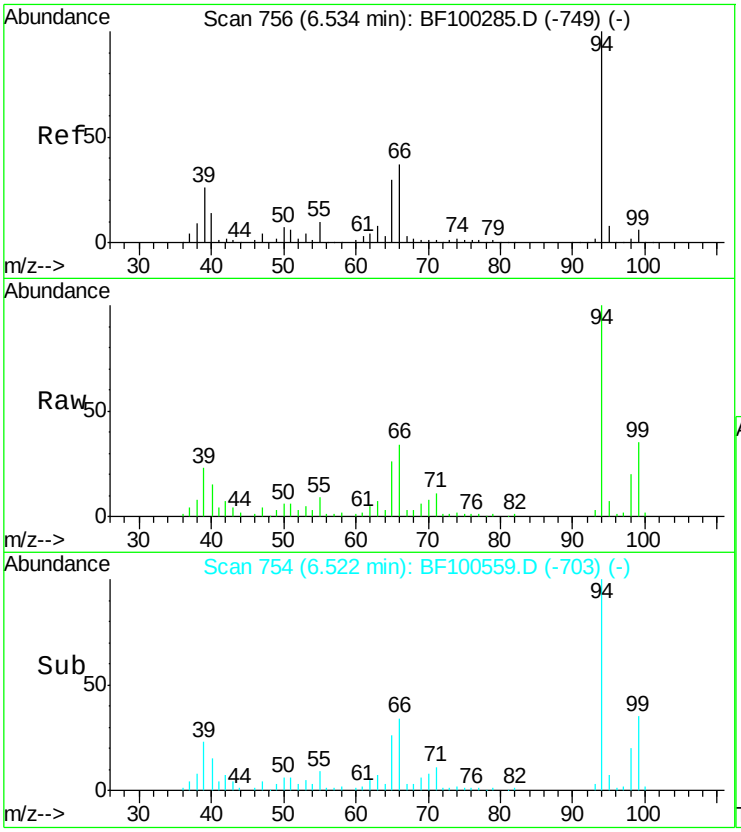


#9
Benzaldehyde
Concen: 2.35 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.22 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Tgt Ion: 77 Resp: 16023

Ion	Ratio	Lower	Upper
77	100		
105	83.4	81.1	121.1
106	75.0	74.5	114.5



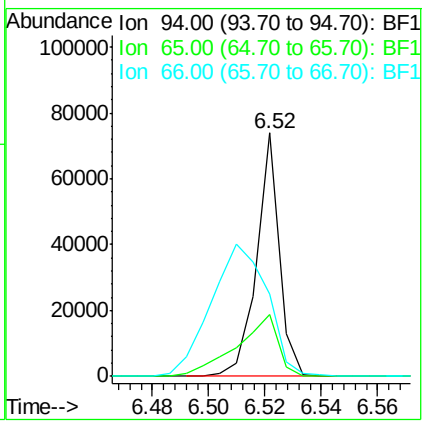


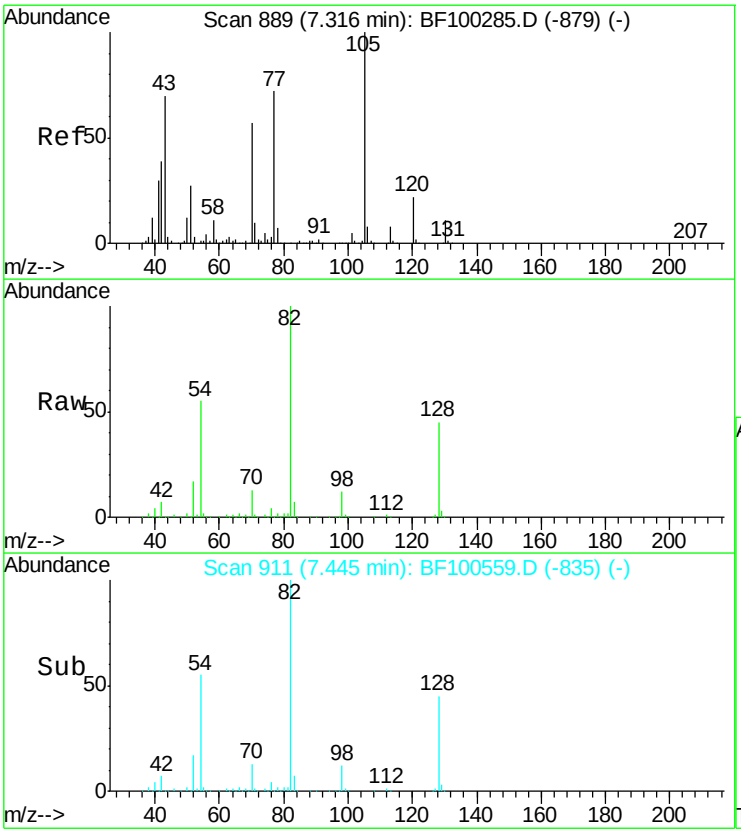
#10
Phenol
Concen: 4.10 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion: 94 Resp: 41153

Ion	Ratio	Lower	Upper
94	100		
65	25.6	7.9	47.9
66	34.0	16.2	56.2

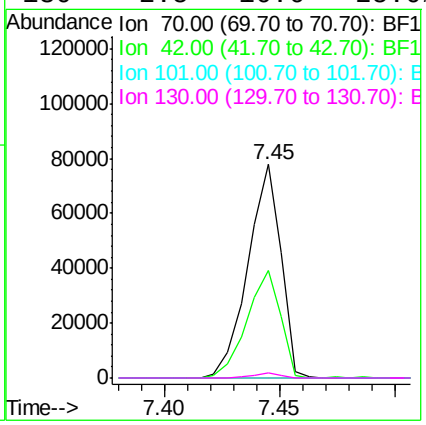


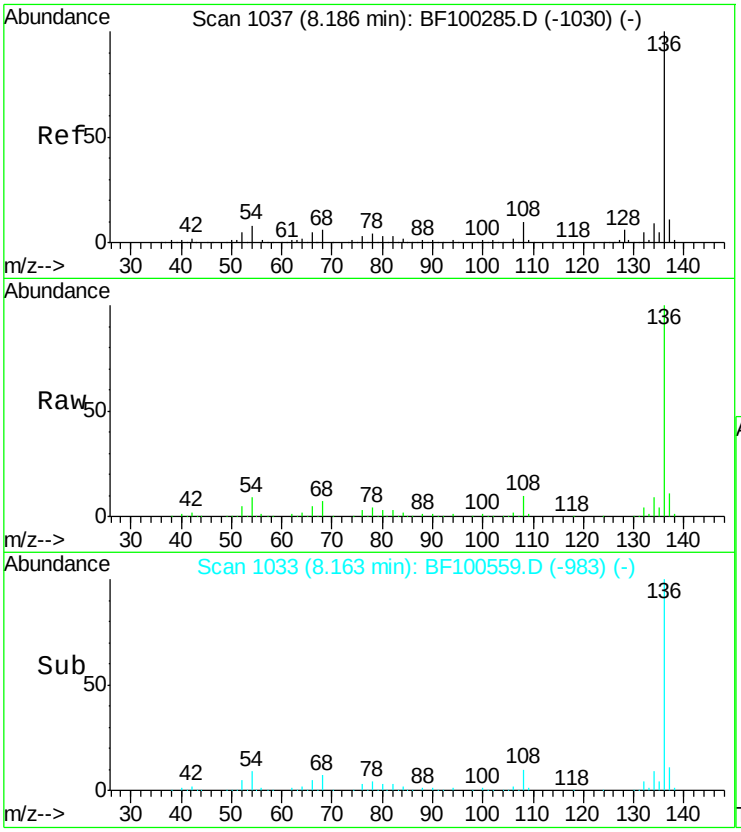


#19
n-Nitroso-di-n-propylamine
Concen: 11.69 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Tgt Ion: 70 Resp: 77518

Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



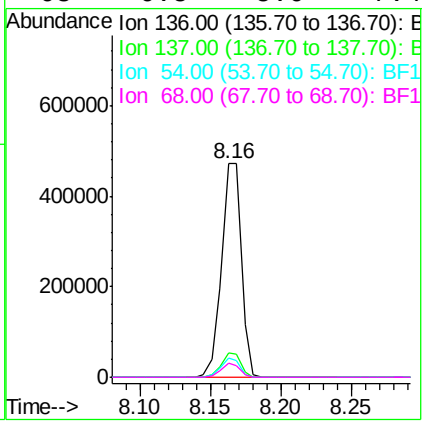


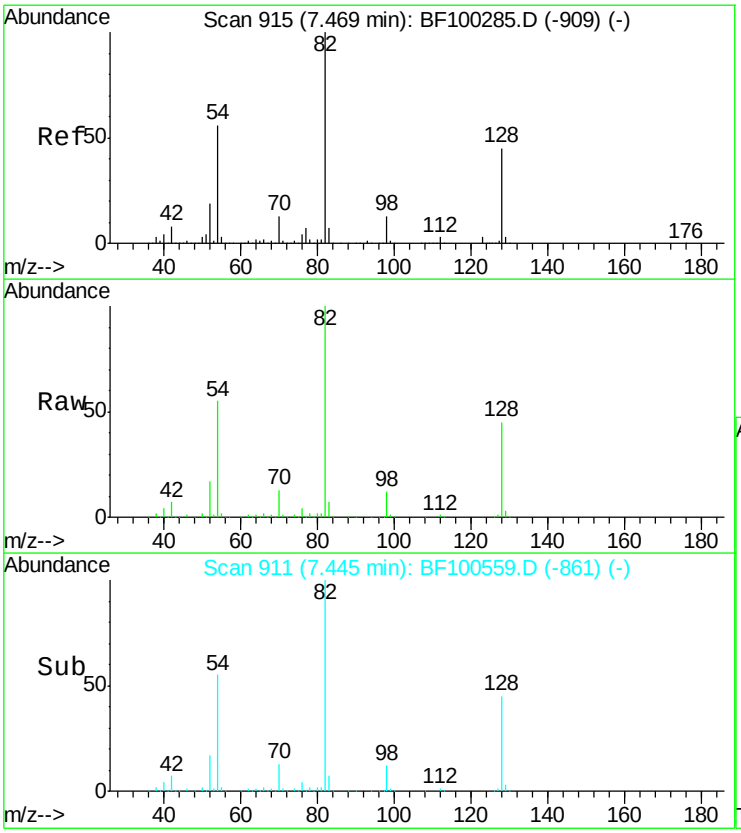
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion:136 Resp: 462192

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.8	6.6	9.8
68	6.5	5.0	7.4

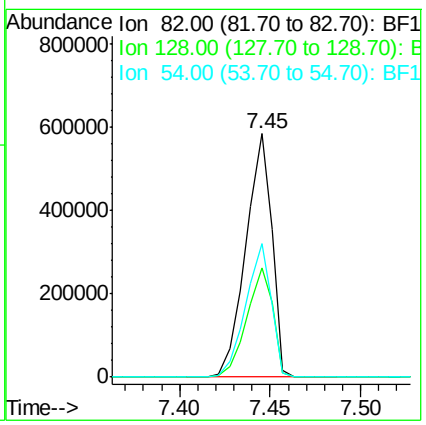


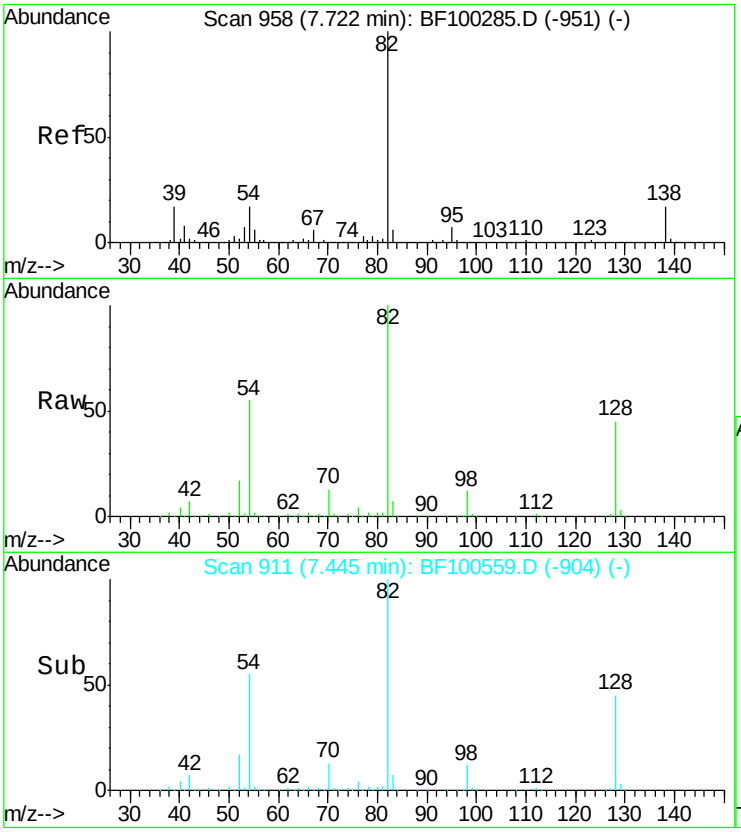


#23
Nitrobenzene-d5
Concen: 83.26 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Tgt Ion: 82 Resp: 582093

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	55.0	41.4	62.2



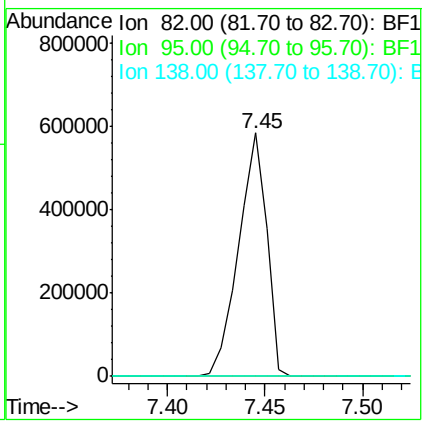


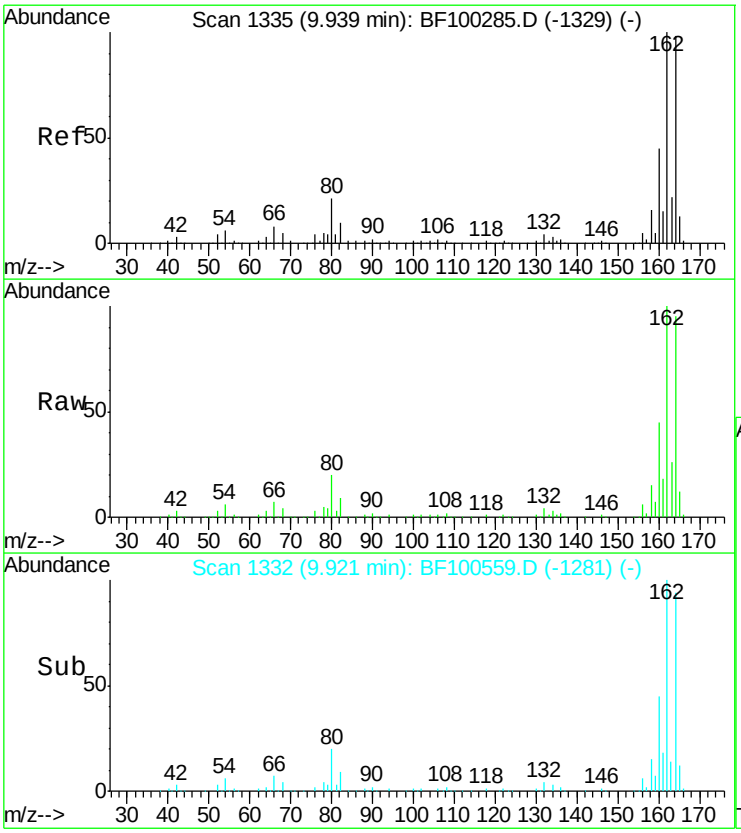
#25
Isophorone
Concen: 39.62 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion: 82 Resp: 582084

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

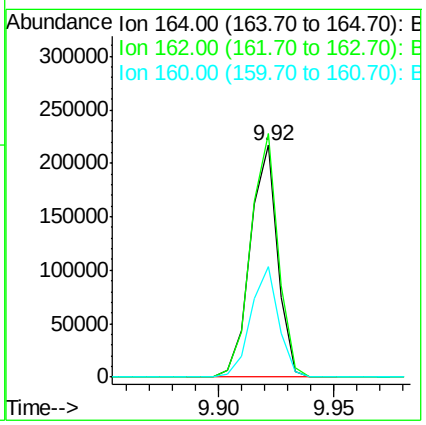


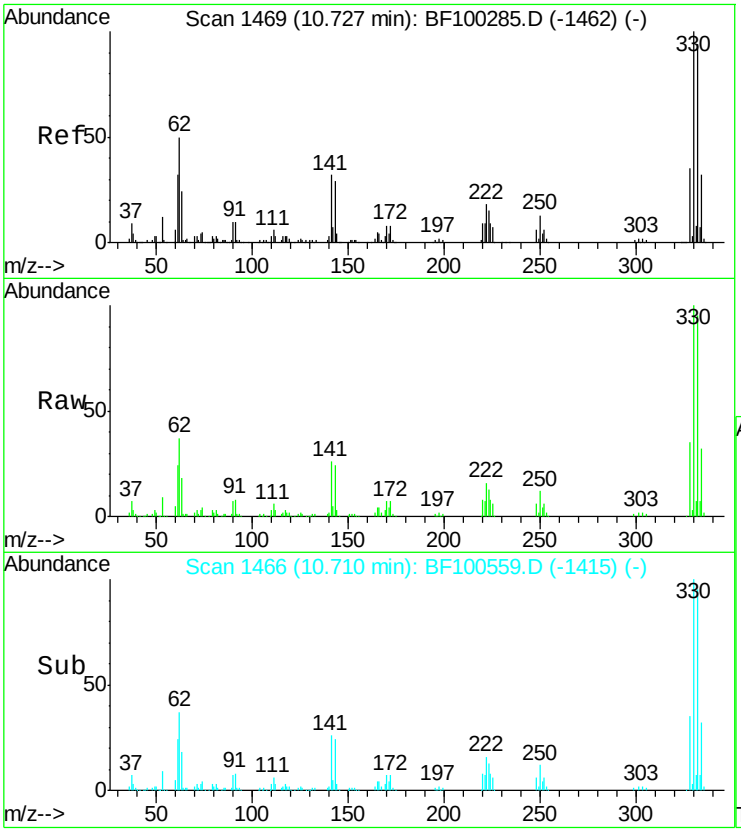


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Tgt Ion:164 Resp: 179784

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.6	38.3	57.5



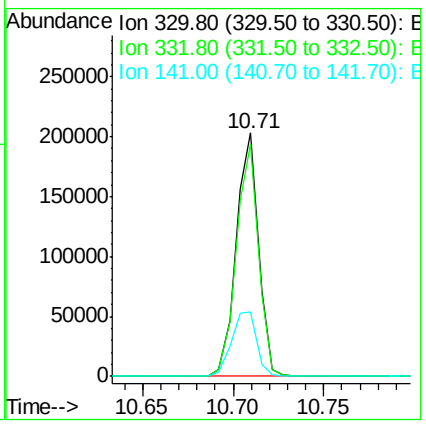


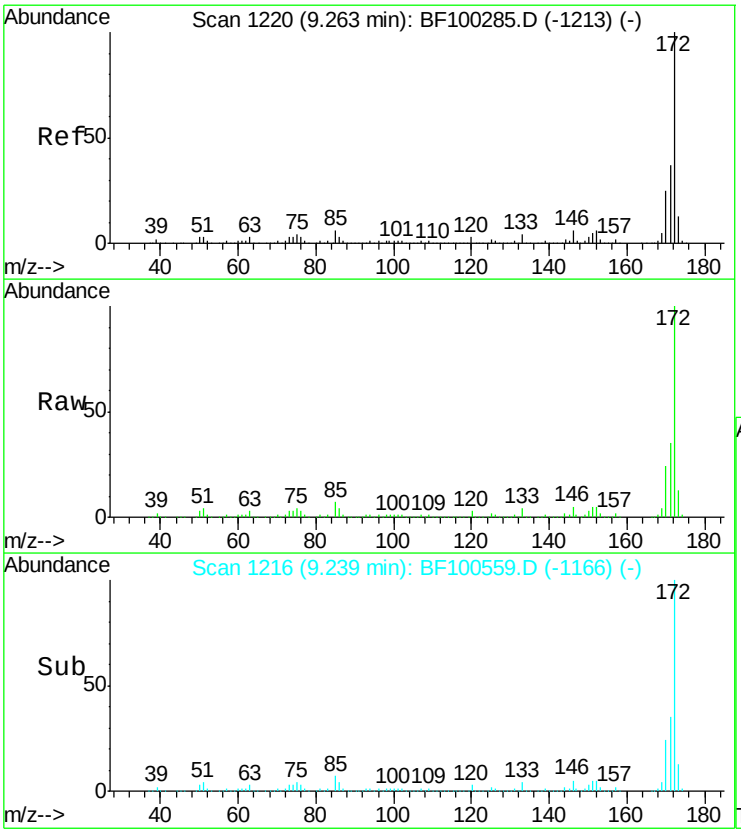
#41
2,4,6-Tribromophenol
Concen: 94.52 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion:330 Resp: 173157

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	30.0	29.9	44.9

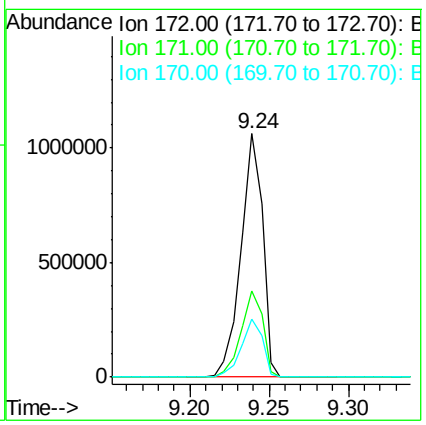


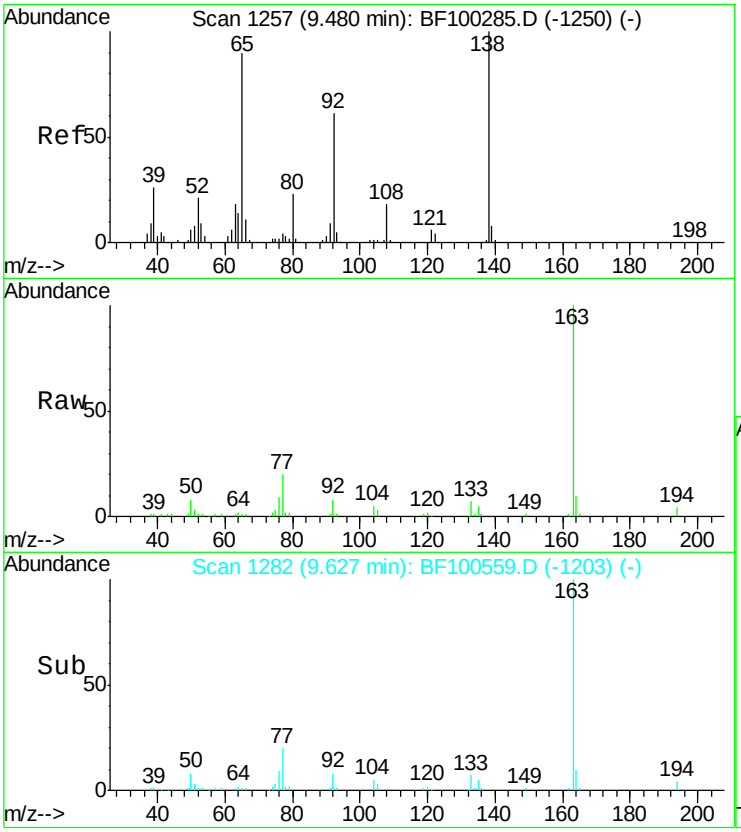


#44
2-Fluorobiphenyl
Concen: 84.85 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Tgt Ion:172 Resp: 1001844

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.9	19.6	29.4



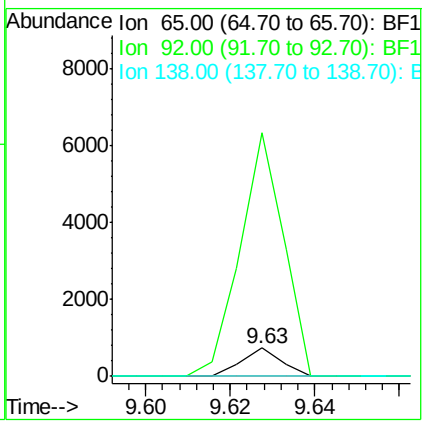


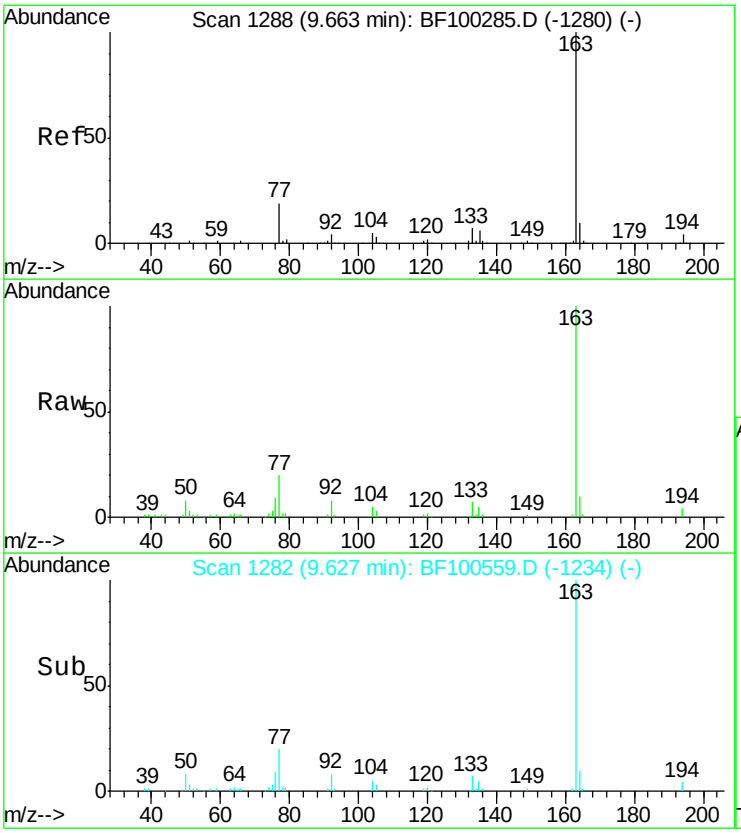
#47
2-Nitroaniline
Concen: 2.92 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion: 65 Resp: 478

Ion	Ratio	Lower	Upper
65	100		
92	870.0	55.8	83.6#
138	0.0	91.2	136.8#

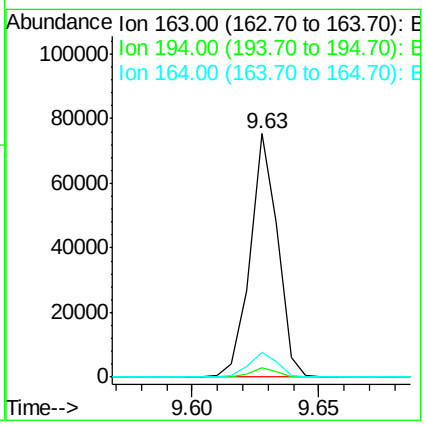


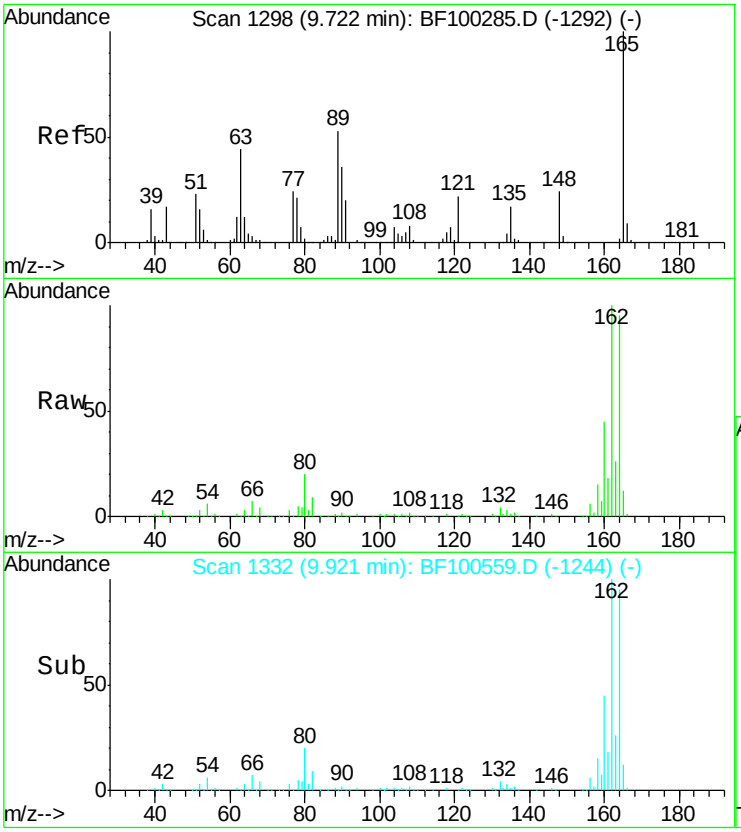


#49
Dimethylphthalate
Concen: 4.15 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Tgt Ion:163 Resp: 56941

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2



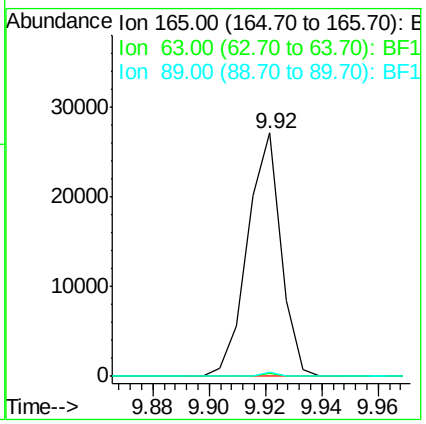


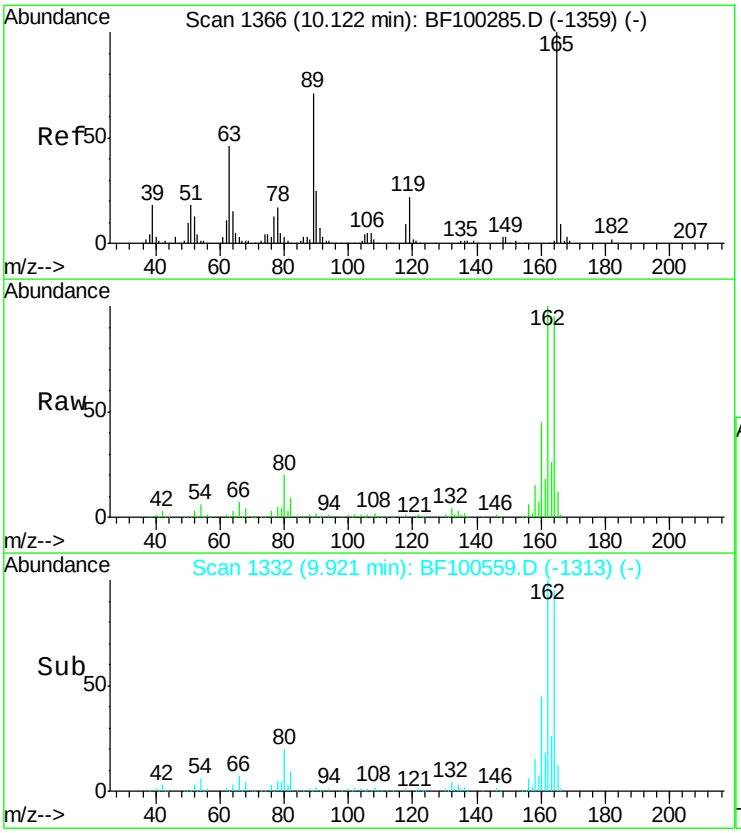
#50
2,6-Dinitrotoluene
Concen: 8.18 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion:165 Resp: 22230

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.7	44.0	66.0#

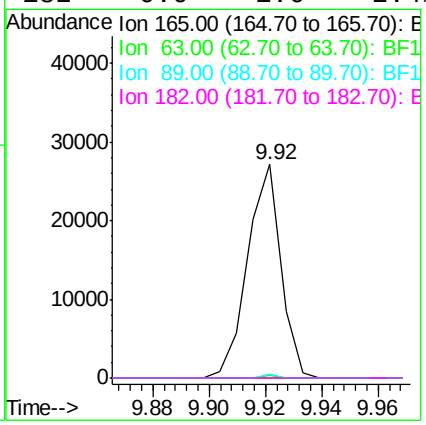


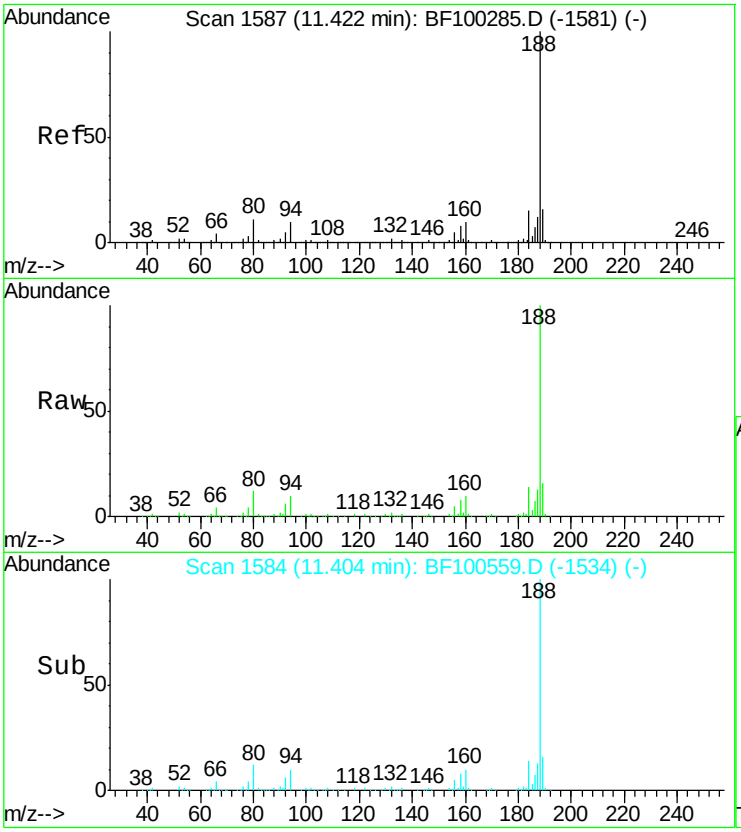


#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Tgt Ion:165 Resp: 22230

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



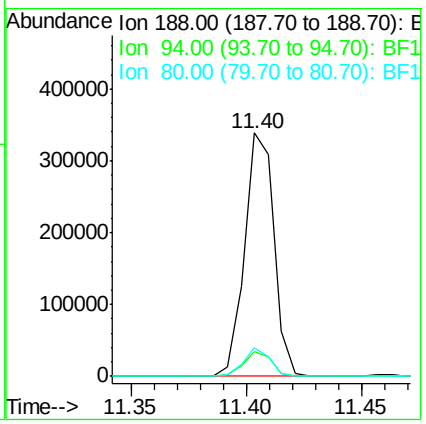


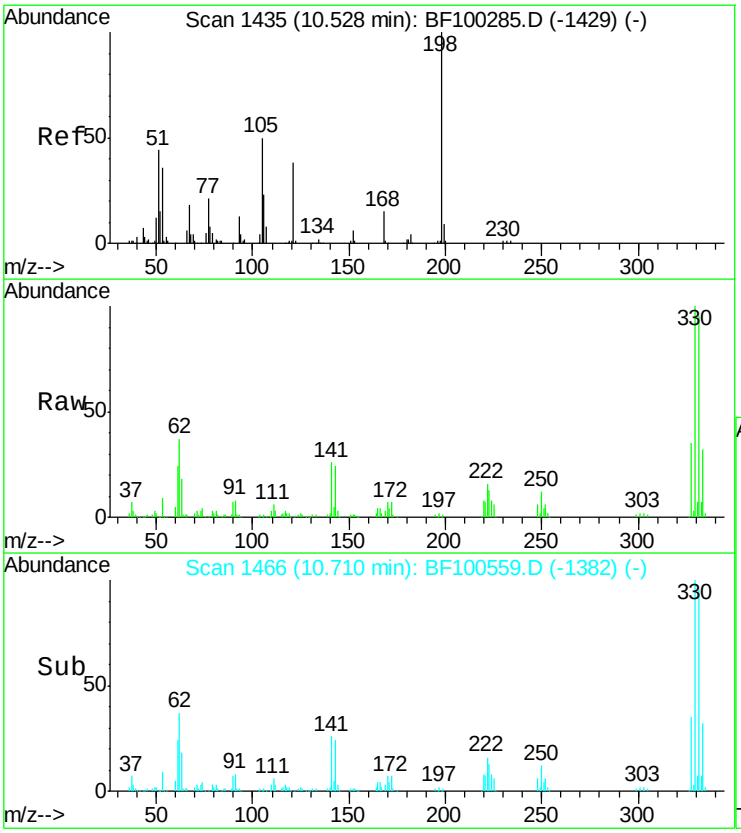
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion:188 Resp: 301619

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.5	9.2	13.8

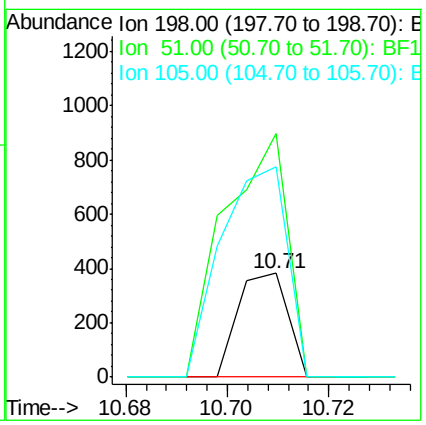


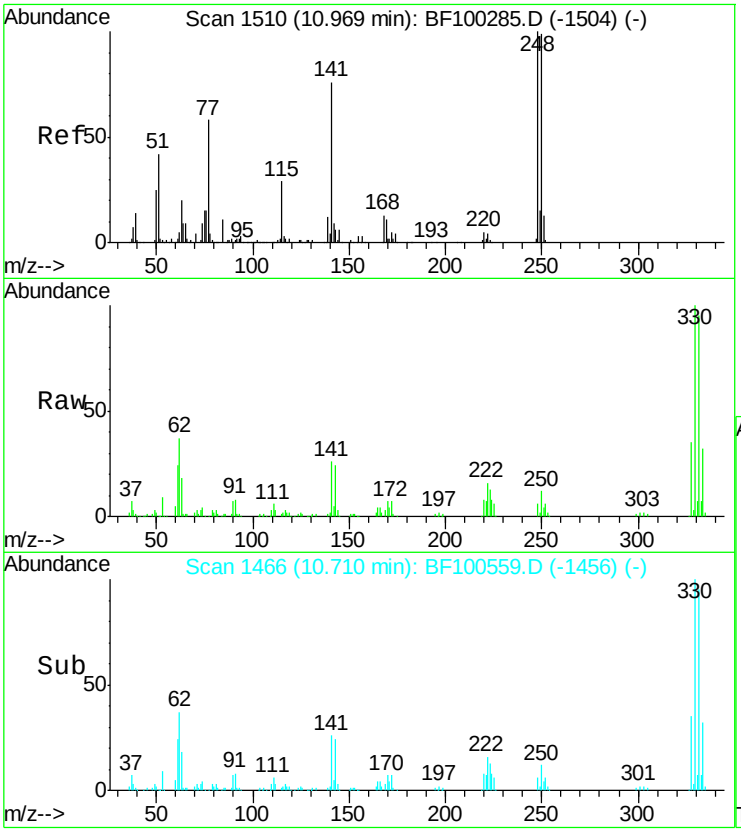


#64
4,6-Dinitro-2-methylphenol
Concen: 8.71 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Tgt Ion:198 Resp: 260

Ion	Ratio	Lower	Upper
198	100		
51	234.2	37.7	77.7#
105	202.9	36.3	76.3#



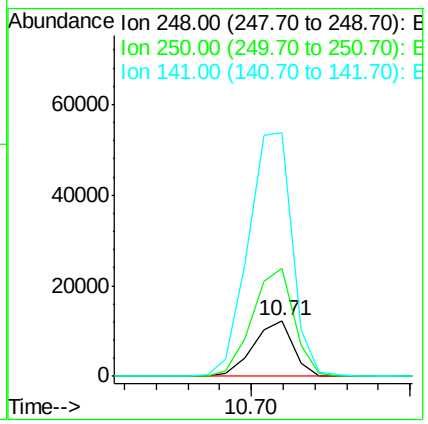


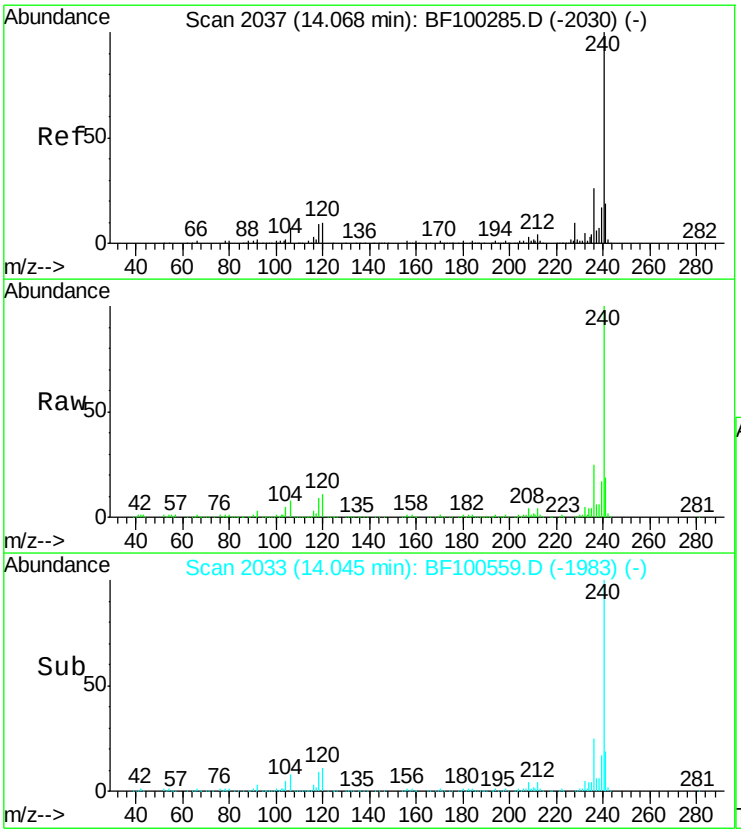
#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion:248 Resp: 10700

Ion	Ratio	Lower	Upper
248	100		
250	194.4	76.9	115.3#
141	437.6	74.4	111.6#

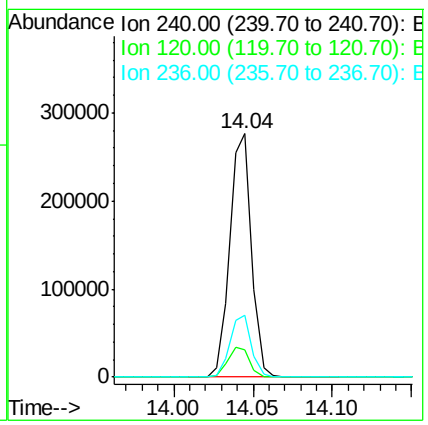


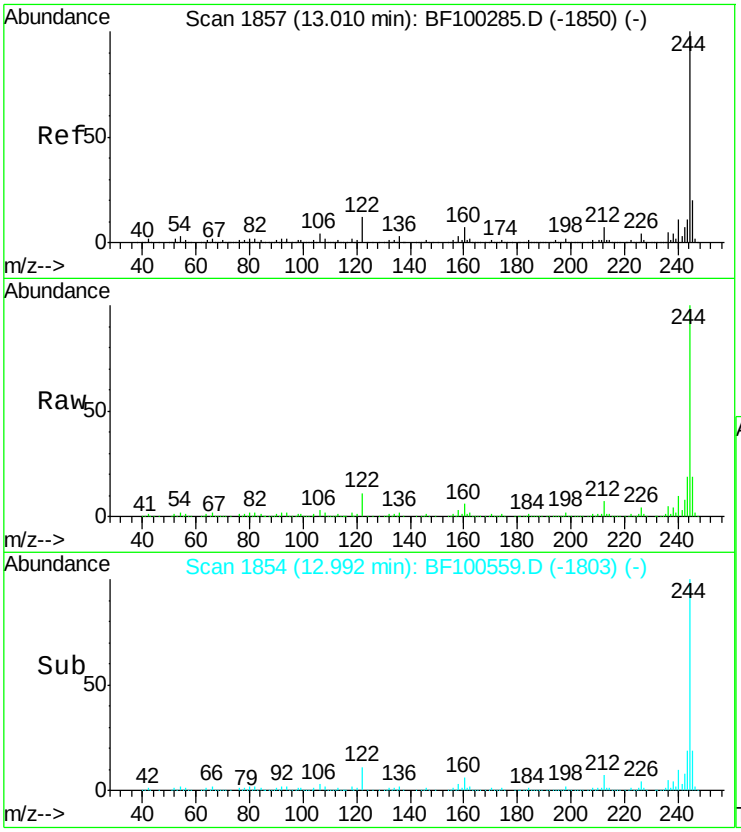


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Tgt Ion:240 Resp: 262204

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.2	20.7	31.1



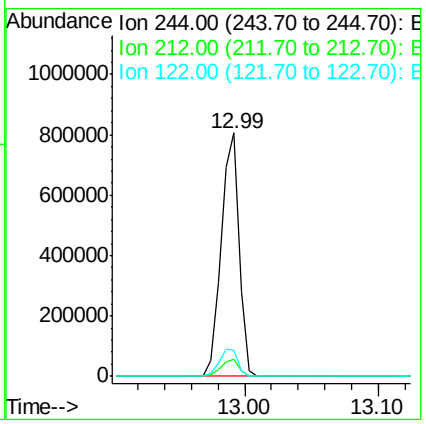


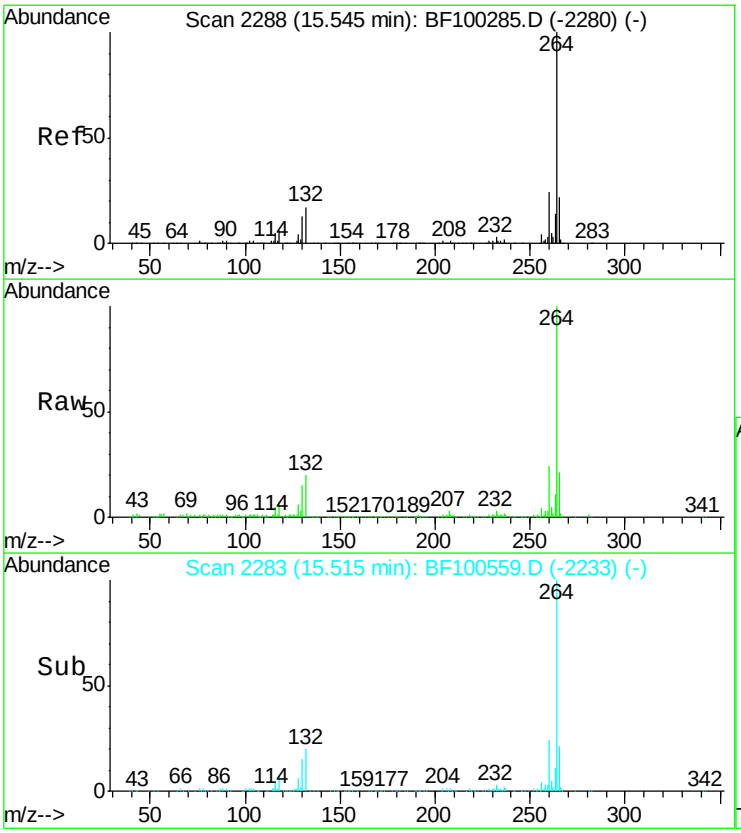
#78
Terphenyl-d14
Concen: 67.05 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Instrument :
BNA_F
ClientSampleId :
3N-1

Tgt Ion:244 Resp: 765150

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100559.D
Acq: 14 Nov 2017 22:44

Tgt Ion:264 Resp: 195002

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.0	17.5	26.3