Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099654.D
Acq On : 19 Oct 2017 9:11
Operator : SJ/JU
Sample : I5935-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 19 16:26:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 15:18:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	84837	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	306196	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	108676	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	172939	20.00	ng		0.00
75) Chrysene-d12	13.99	240	182405	20.00	ng		0.00
86) Perylene-d12	15.46	264	141305	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	713998	133.98	ng		0.02
7) Phenol-d6	6.47	99	752283	114.43	ng		0.00
23) Nitrobenzene-d5	7.40	82	487777	102.16	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	133392	150.00	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	832633	127.90	ng		0.00
78) Terphenyl-d14	12.93	244	683883	85.27	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	61217	14.585	ng	#	72
25) Isophorone	7.40	82	487769	49.412	ng	#	64
31) Naphthalene	8.13	128	33594	2.336	ng		99
50) 2,6-Dinitrotoluene	9.86	165	13951	7.813	ng	#	24
54) Dibenzofuran	10.07	168	18114	2.001	ng		94
55) 4-Nitrophenol	10.07	139	6437	3.656	ng	#	9
56) 2,4-Dinitrotoluene	9.86	165	13951	6.020	ng	#	21
66) 4-Bromophenyl-phenylether	10.66	248	8488	5.014	ng	#	1
70) Phenanthrene	11.37	178	21912	2.367	ng		98
71) Anthracene	11.37	178	21912	2.313	ng		98

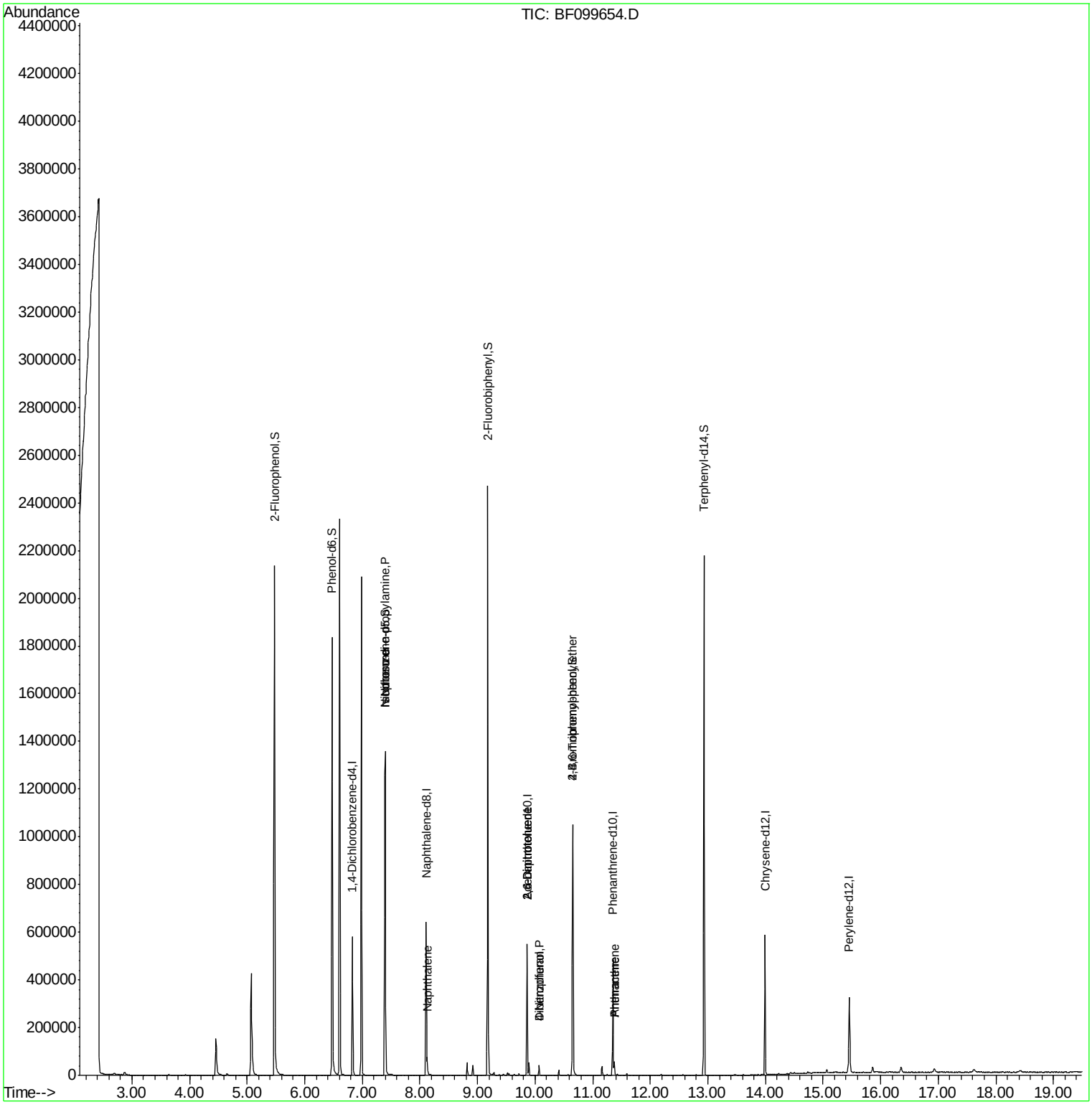
(#) = qualifier out of range (m) = manual integration (+) = signals summed

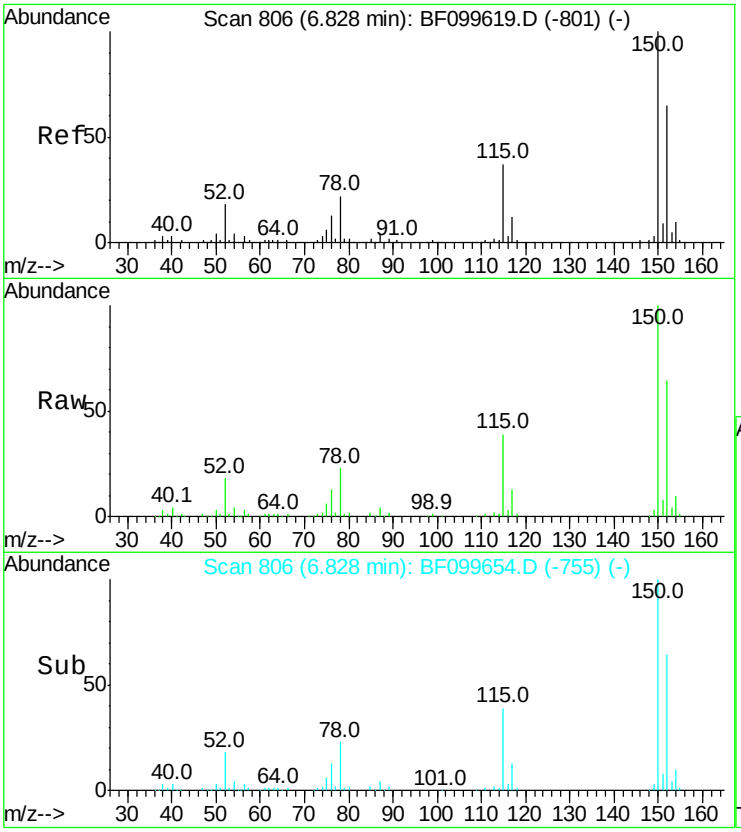
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099654.D
Acq On : 19 Oct 2017 9:11
Operator : SJ/JU
Sample : I5935-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 19 16:26:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 15:18:49 2017
Response via : Initial Calibration



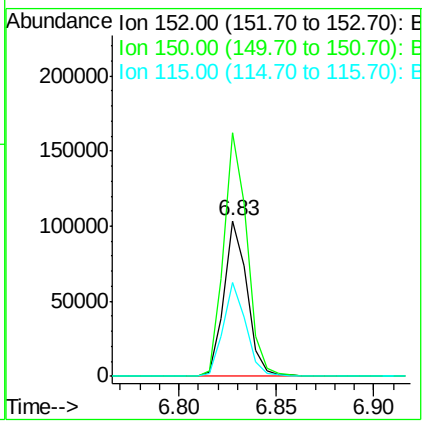


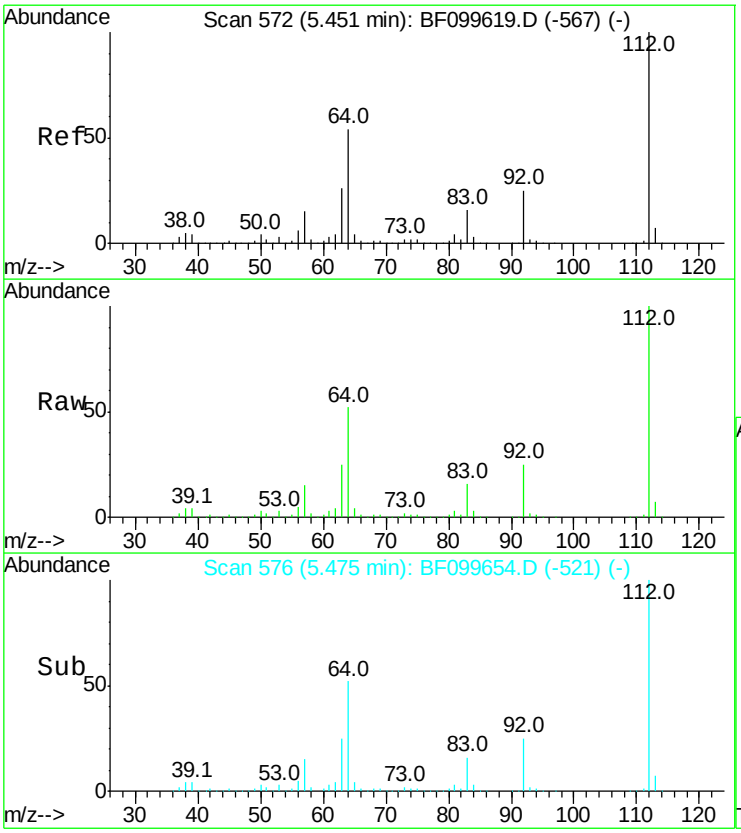
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 84837

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.5	50.1	75.1

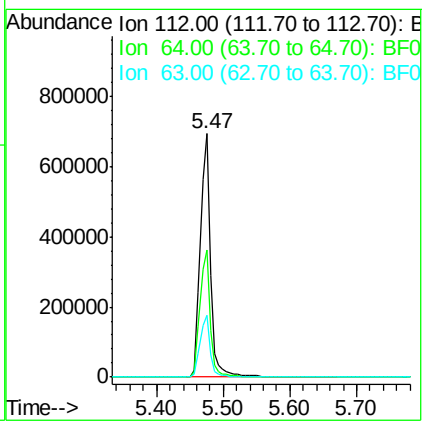


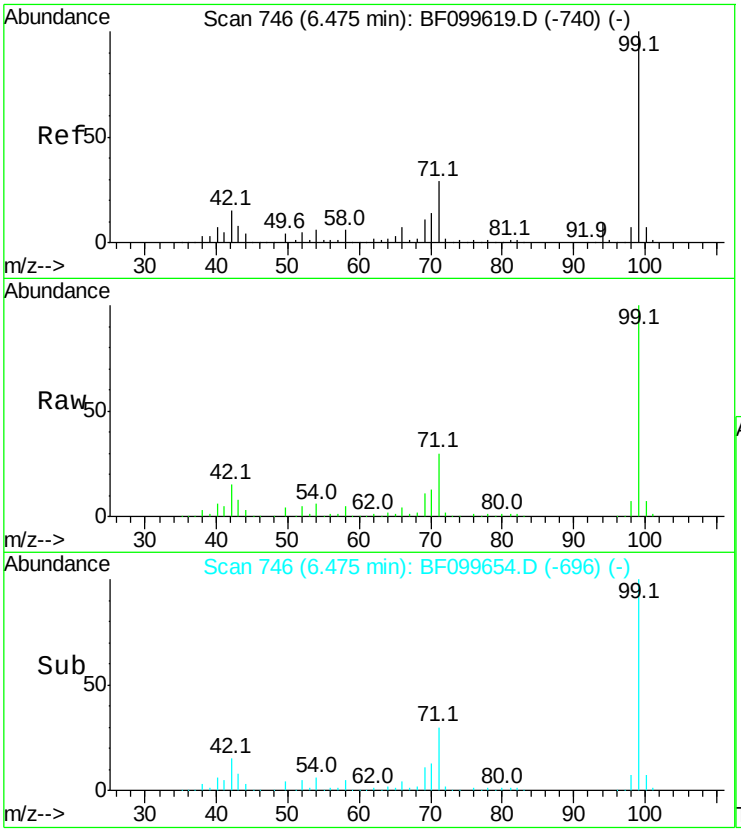


#5
2-Fluorophenol
Concen: 133.976 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.02 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion:112 Resp: 713998

Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	25.2	23.7	35.5



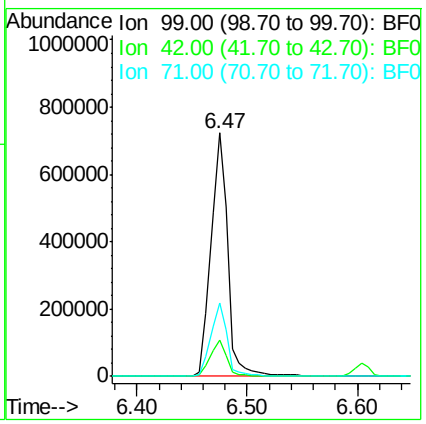


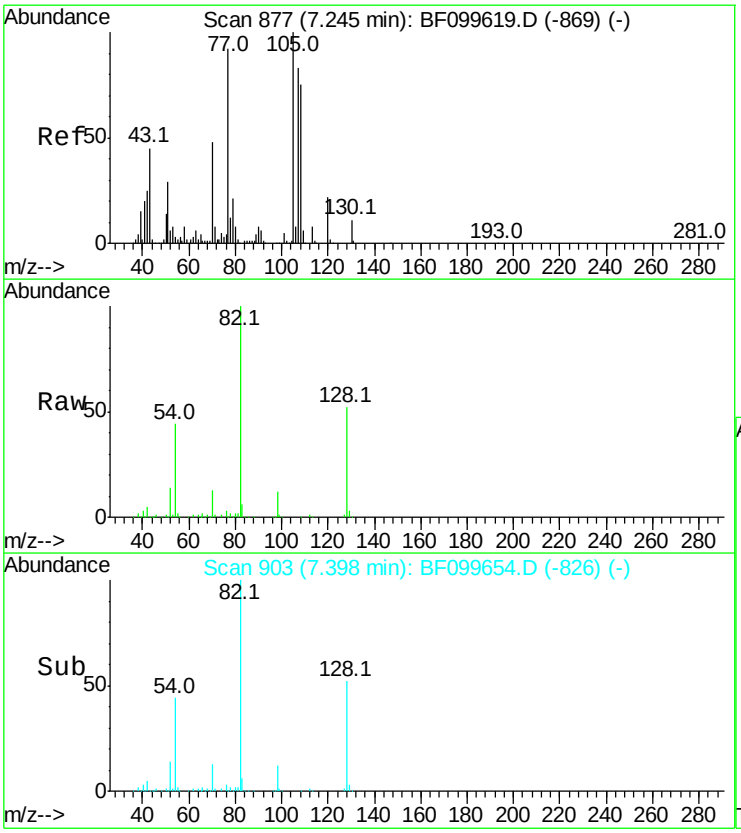
#7
Phenol-d6
Concen: 114.428 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 752283

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.5	21.7
71	30.2	25.4	38.0

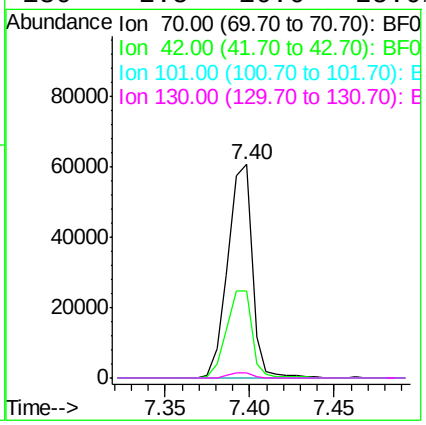


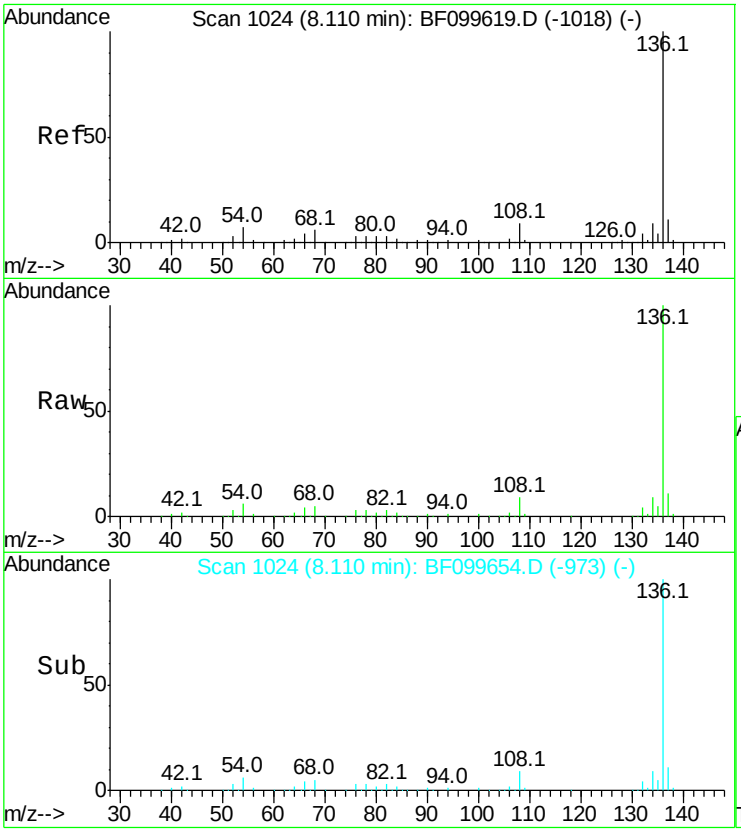


#19
n-Nitroso-di-n-propylamine
Concen: 14.585 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion: 70 Resp: 61217

Ion	Ratio	Lower	Upper
70	100		
42	40.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



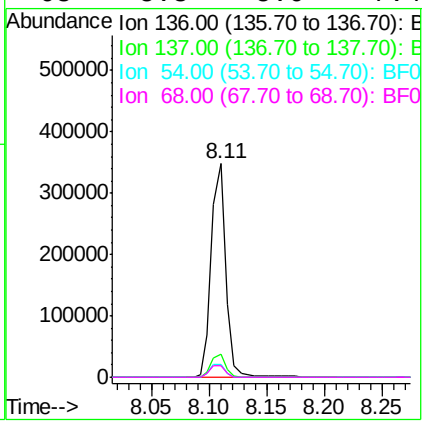


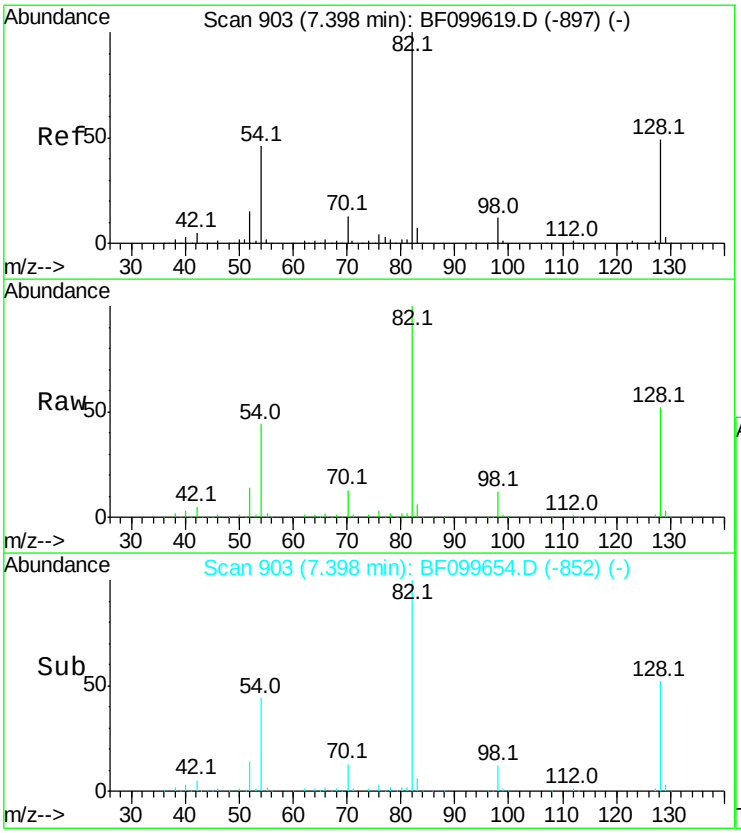
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 306196

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.3	6.6	9.8#
68	5.3	5.0	7.4

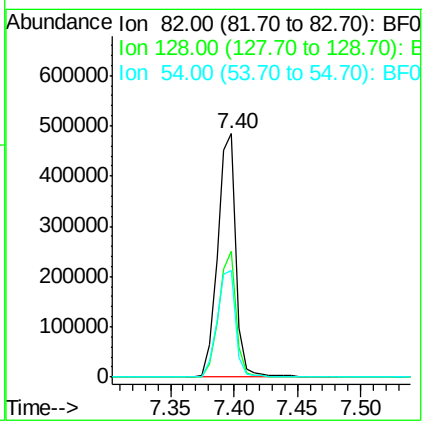


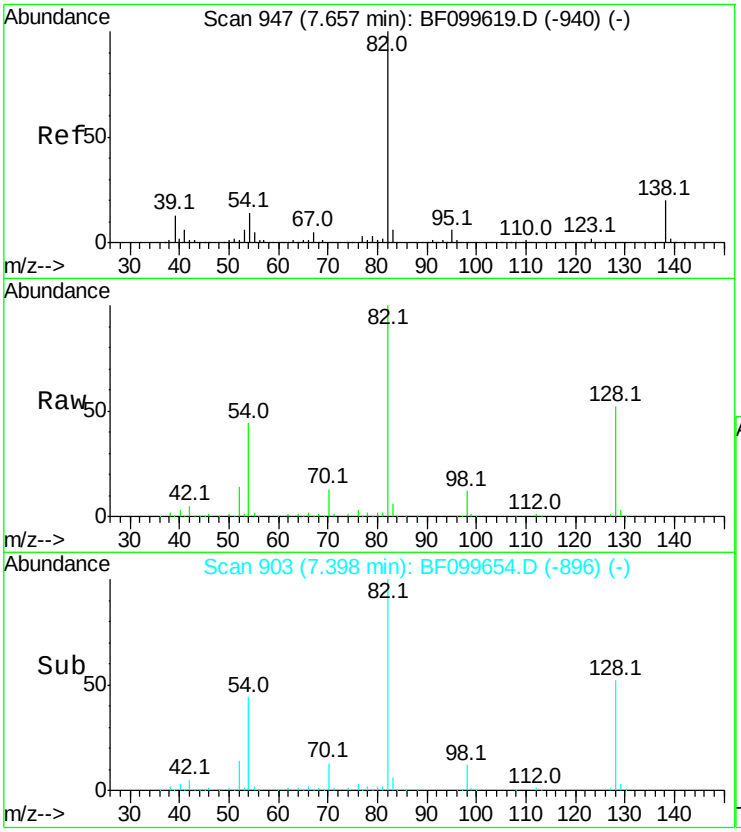


#23
Nitrobenzene-d5
Concen: 102.161 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion: 82 Resp: 487777

Ion	Ratio	Lower	Upper
82	100		
128	51.5	36.1	54.1
54	43.9	41.4	62.2



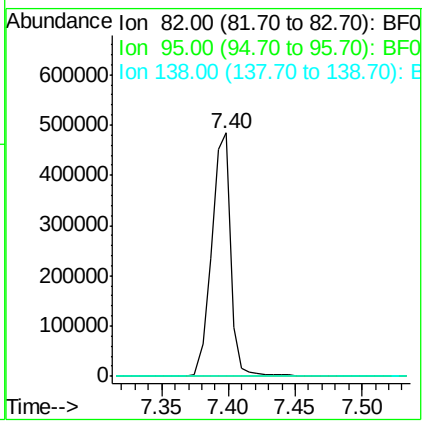


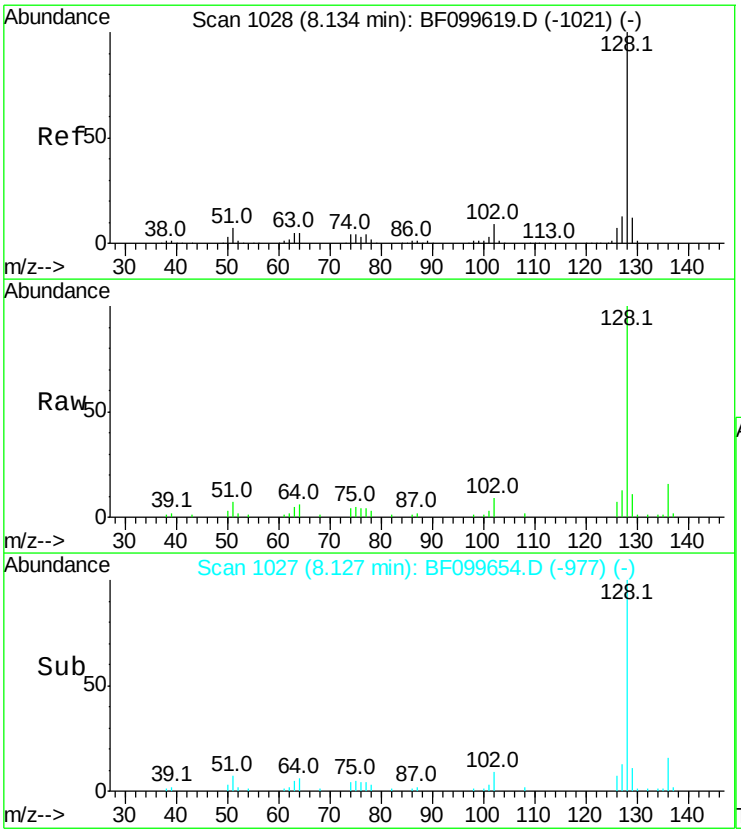
#25
Isophorone
Concen: 49.412 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.26 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 487769

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

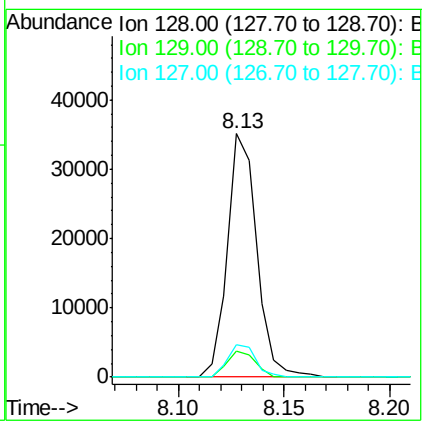


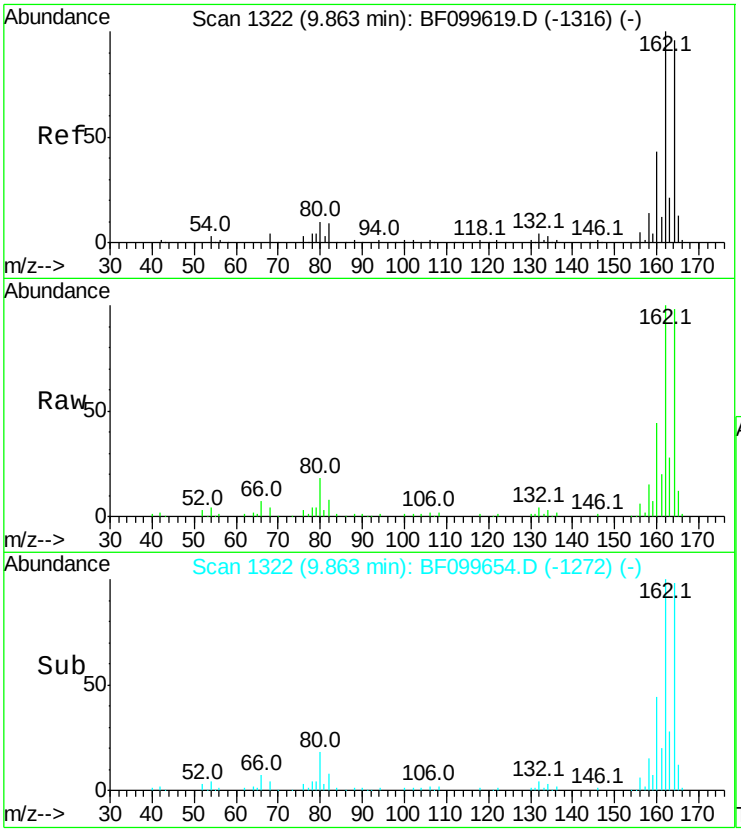


#31
Naphthalene
Concen: 2.336 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion:128 Resp: 33594

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.2	10.9	16.3



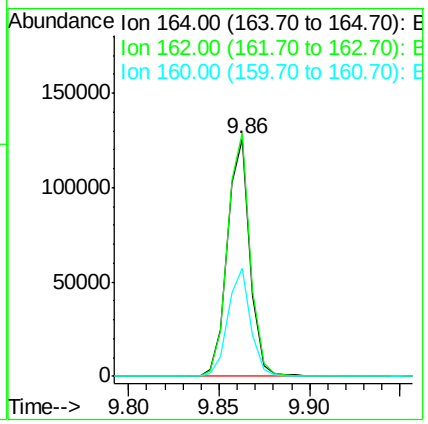


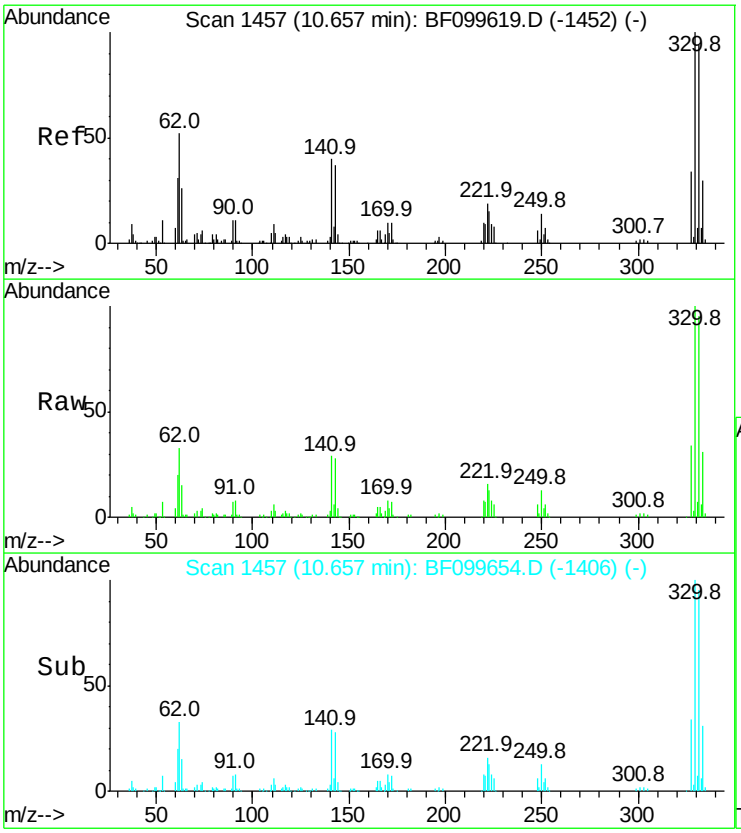
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 108676

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.5	38.3	57.5

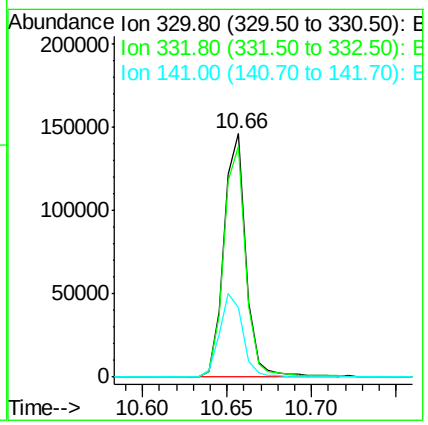


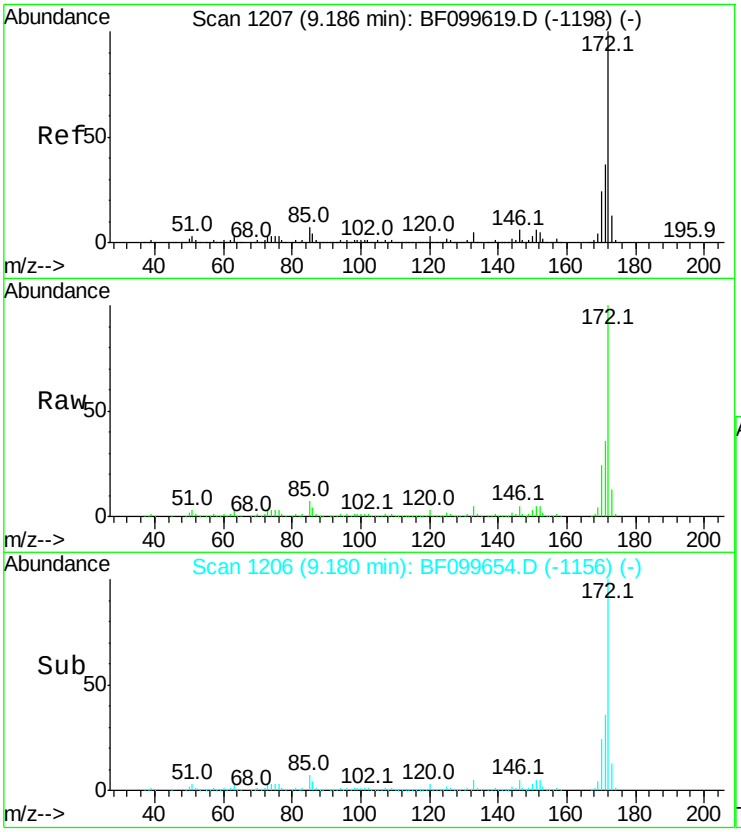


#41
2,4,6-Tribromophenol
Concen: 150.003 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion:330 Resp: 133392

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	36.3	29.9	44.9



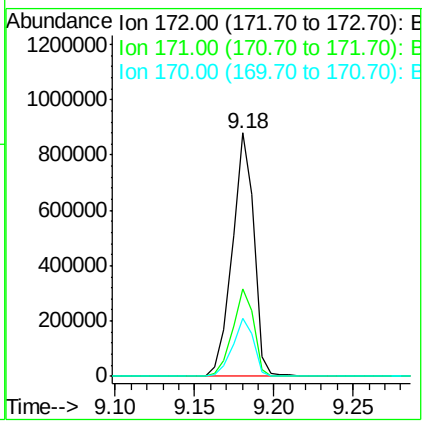


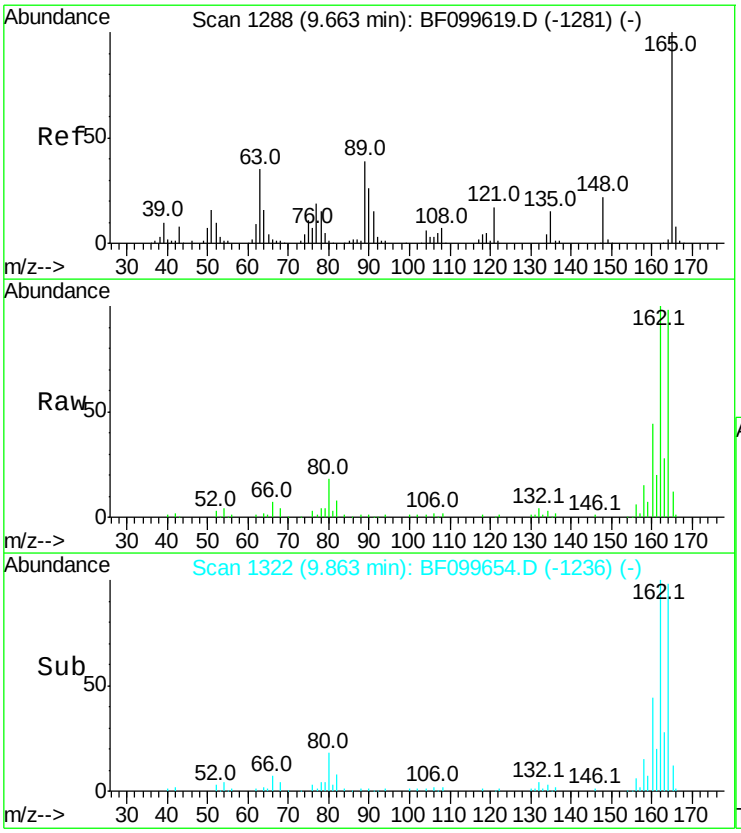
#44
2-Fluorobiphenyl
Concen: 127.904 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 832633

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4

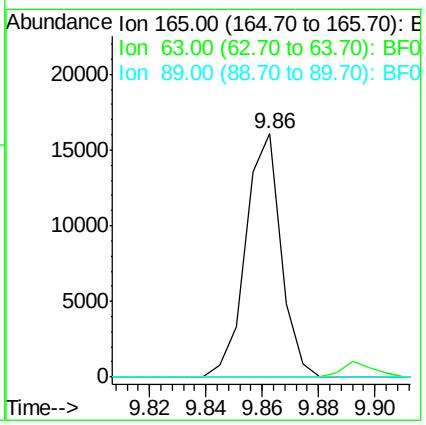


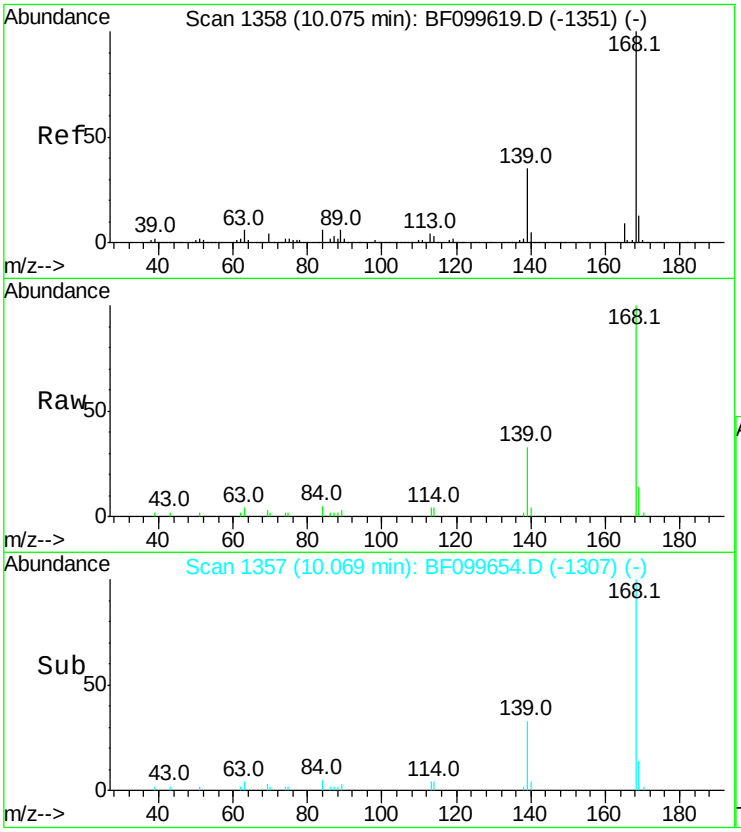


#50
2,6-Dinitrotoluene
Concen: 7.813 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion:165 Resp: 13951

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



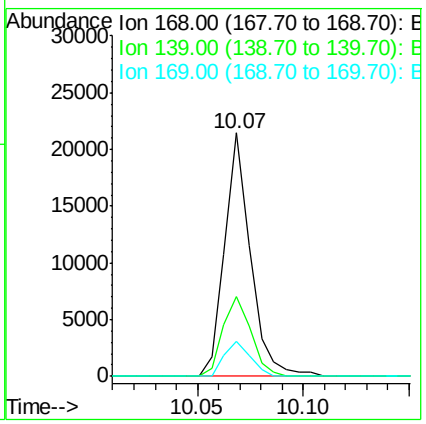


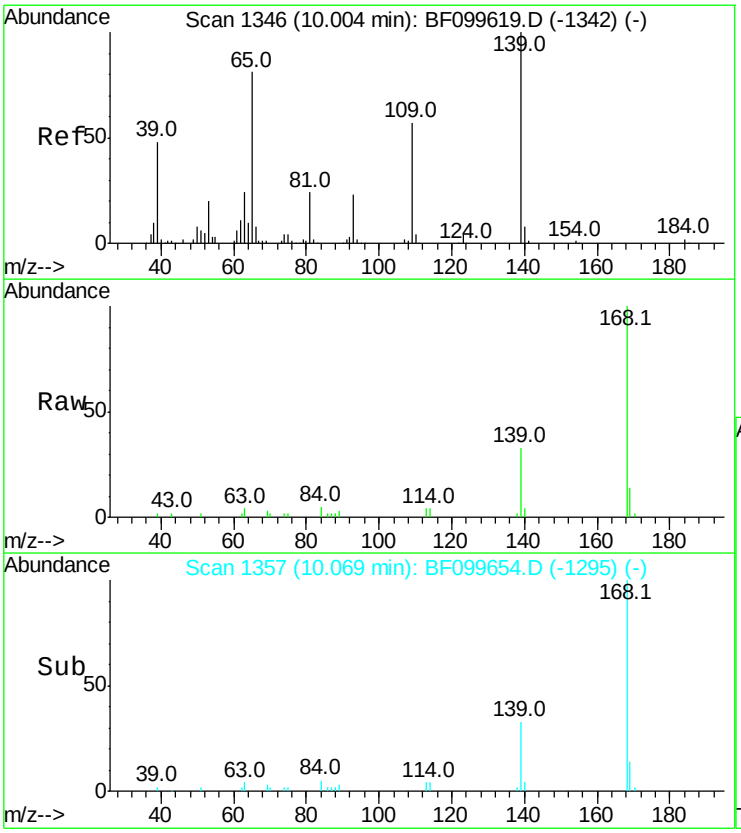
#54
Dibenzofuran
Concen: 2.001 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 18114

Ion	Ratio	Lower	Upper
168	100		
139	32.9	30.1	45.1
169	14.2	10.9	16.3

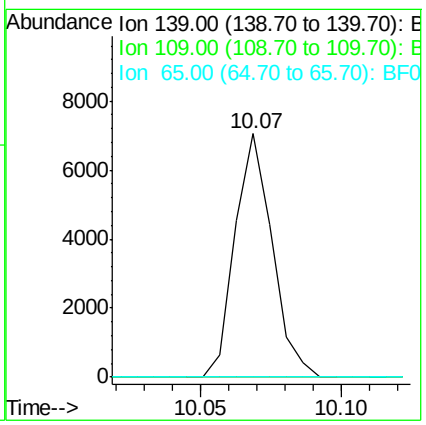


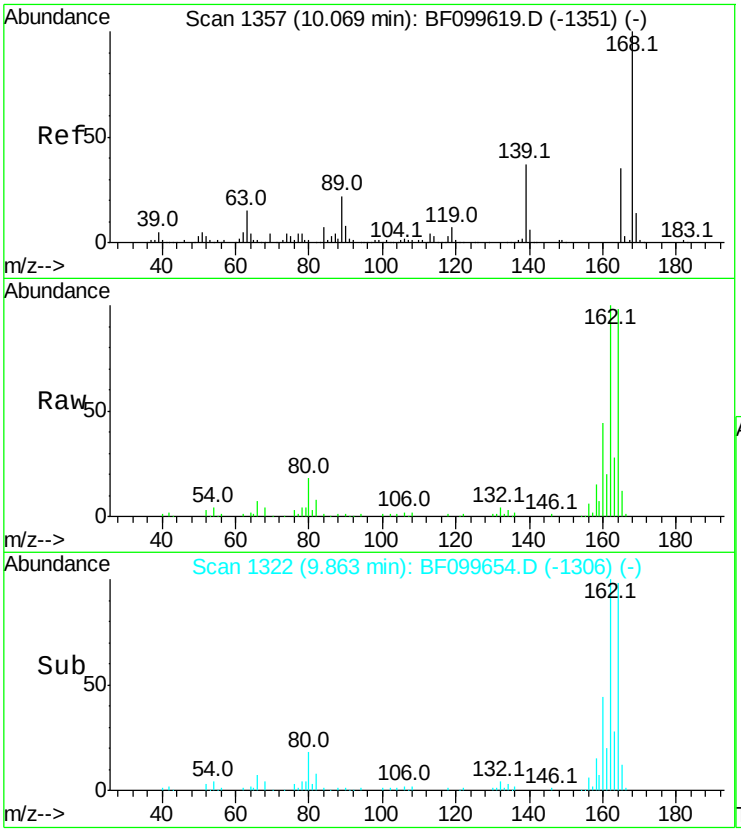


#55
4-Nitrophenol
Concen: 3.656 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.06 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion:139 Resp: 6437

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



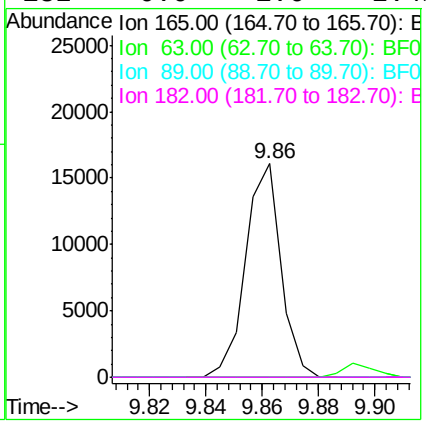


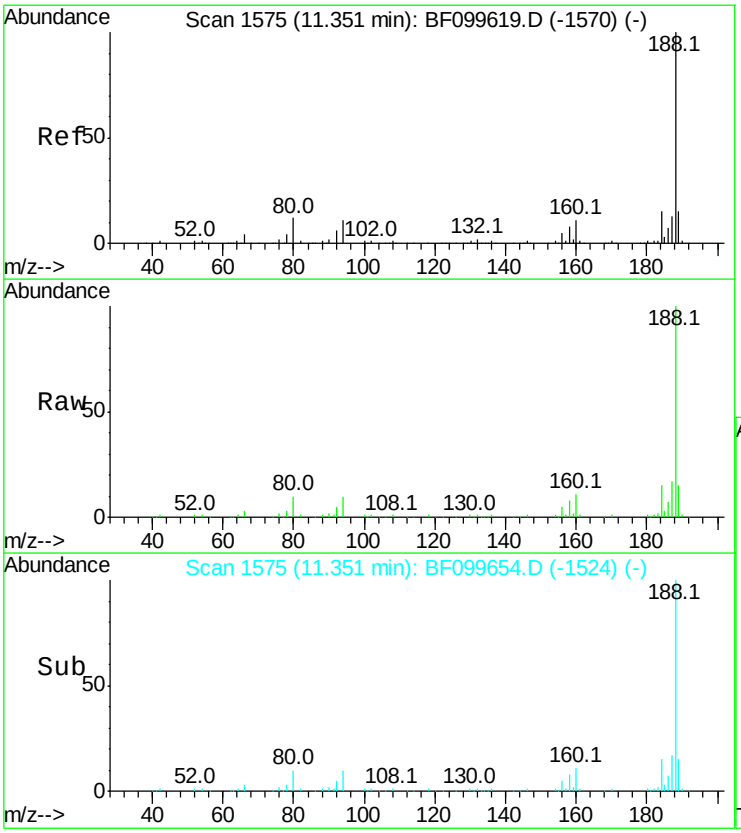
#56
2,4-Dinitrotoluene
Concen: 6.020 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.21 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13951

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#

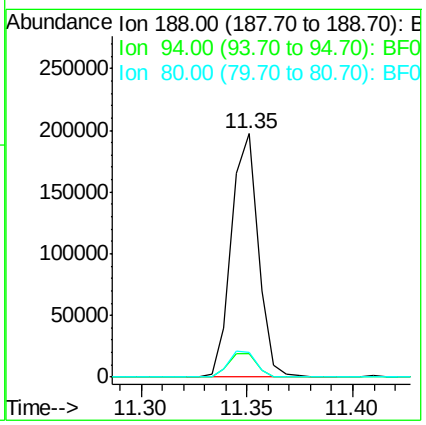


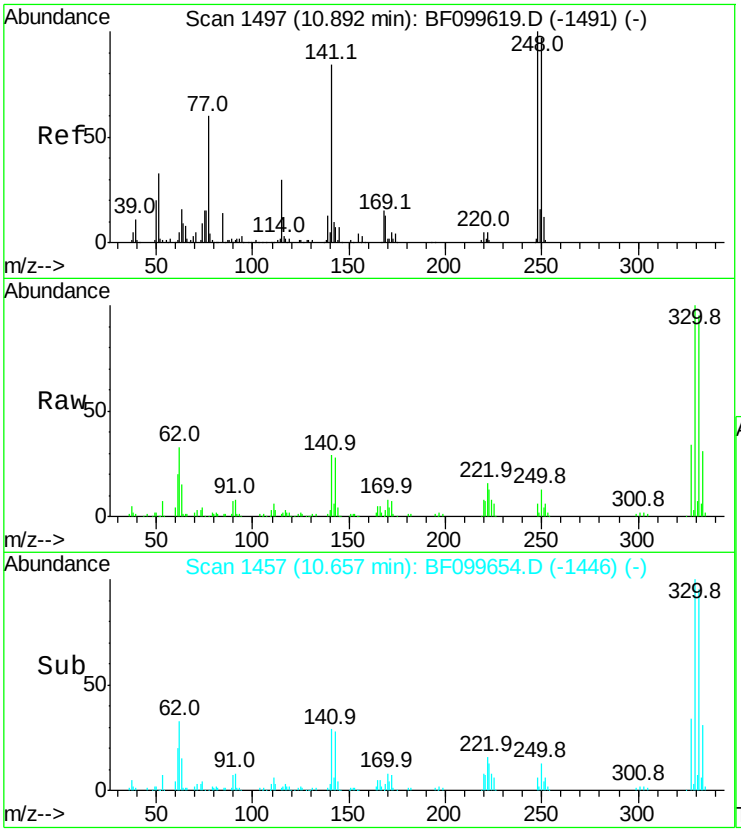


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion:188 Resp: 172939

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.2	9.2	13.8



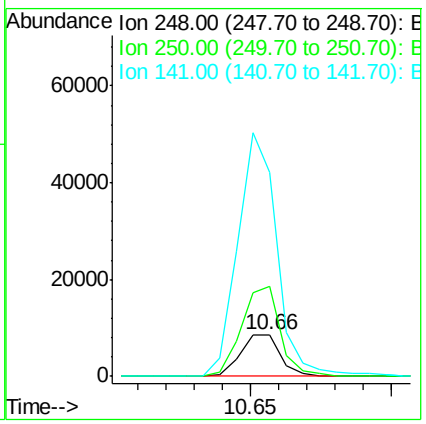


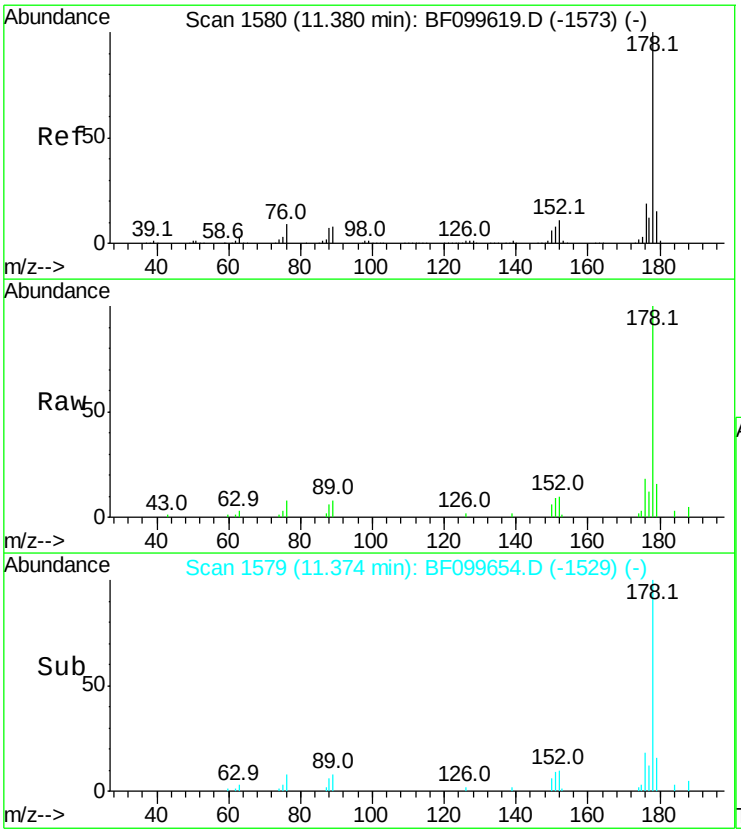
#66
4-Bromophenyl-phenylether
Concen: 5.014 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8488

Ion	Ratio	Lower	Upper
248	100		
250	213.6	76.9	115.3#
141	485.6	74.4	111.6#

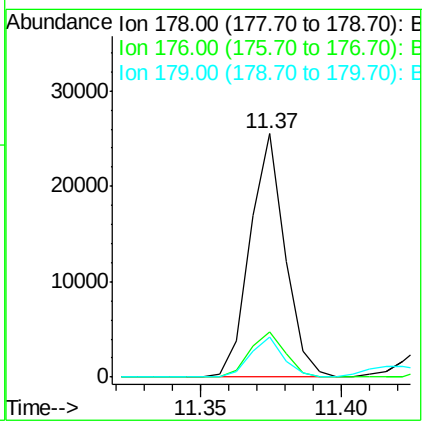


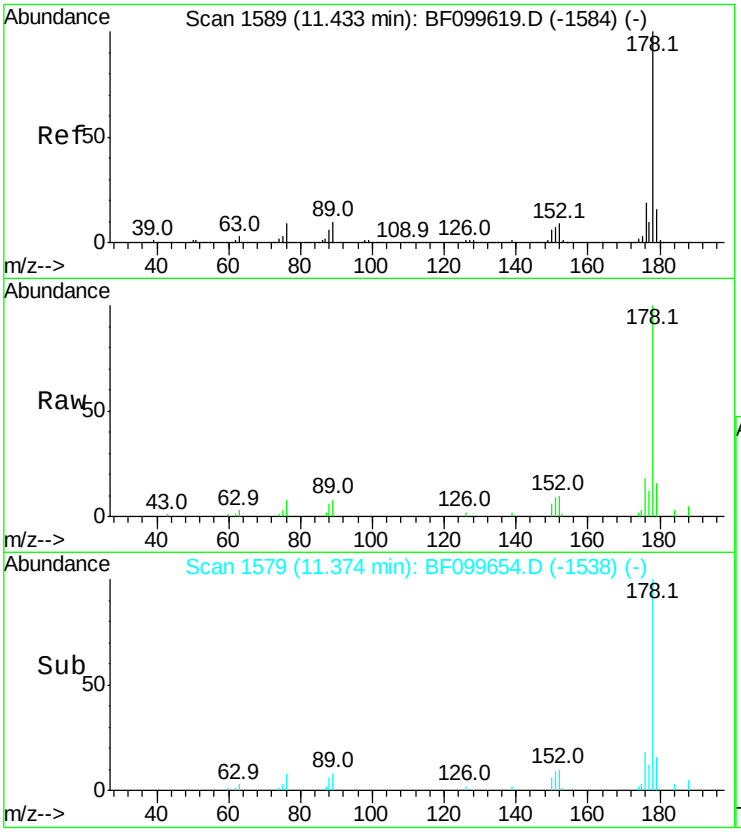


#70
Phenanthrene
Concen: 2.367 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion:178 Resp: 21912

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	16.4	13.0	19.6



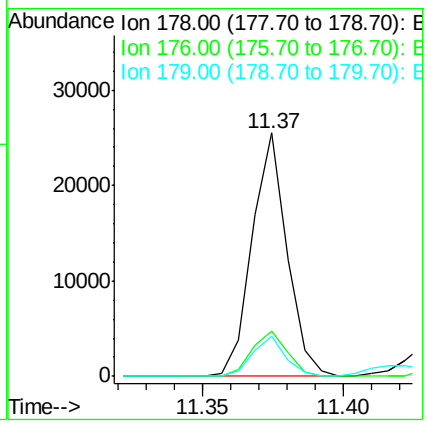


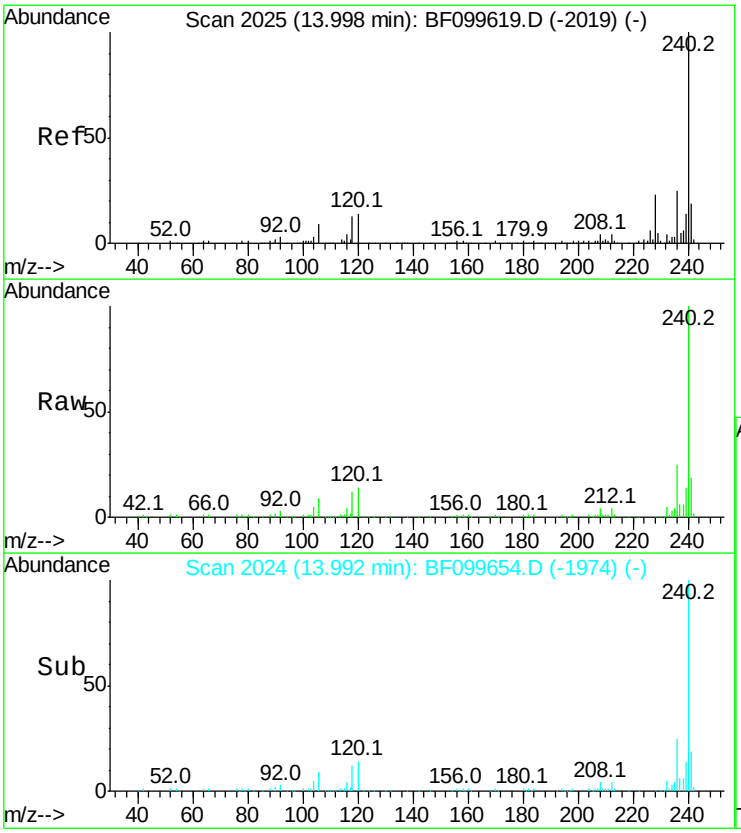
#71
Anthracene
Concen: 2.313 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.06 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 21912

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.4	12.6	19.0

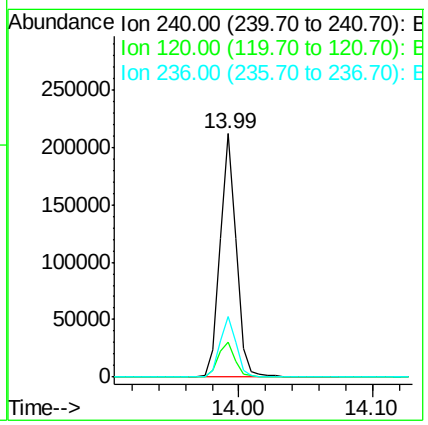


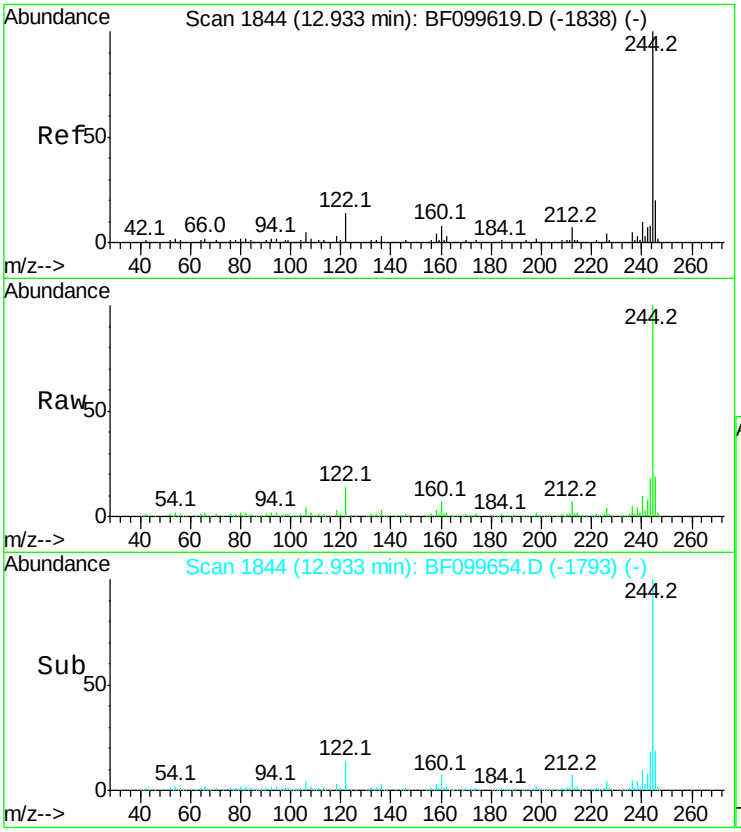


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion:240 Resp: 182405

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	24.8	20.7	31.1



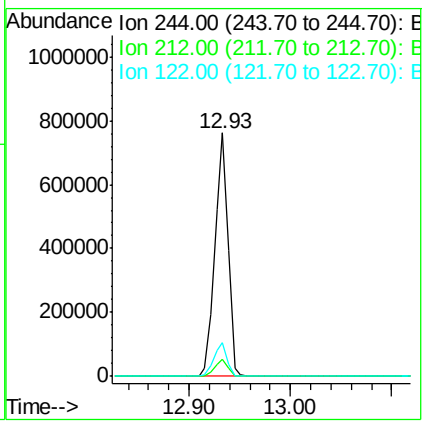


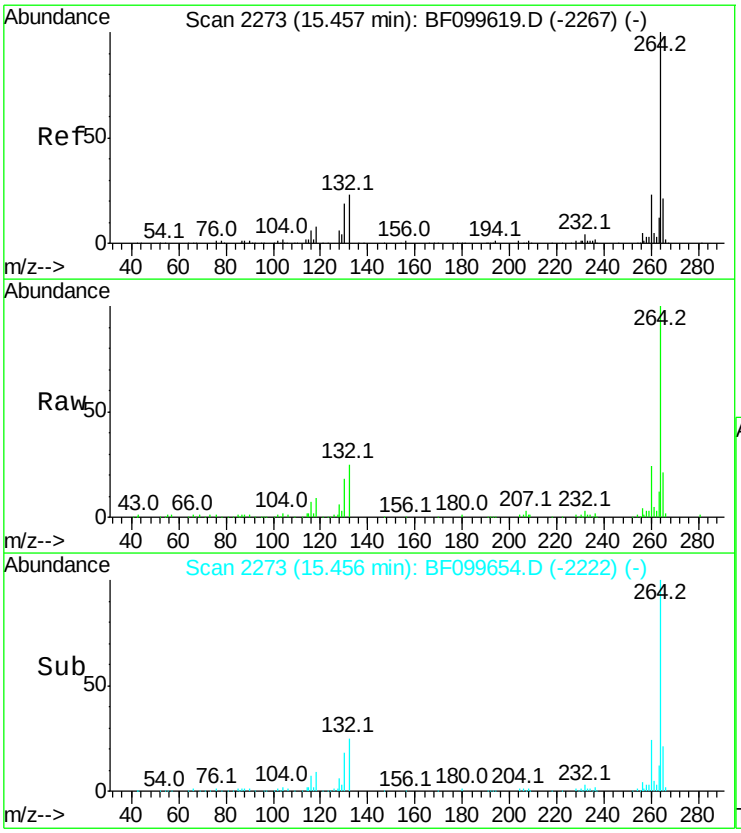
#78
Terphenyl-d14
Concen: 85.266 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 683883

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099654.D
Acq: 19 Oct 2017 9:11

Tgt Ion:264 Resp: 141305

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.6	17.5	26.3