Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
Data File : BF100595.D
Acq On : 15 Nov 2017 18:26
Operator : SJ/JU
Sample : I6454-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 16 03:35:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	132014	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	495888	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	199591	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	289279	20.00	ng		0.00
75) Chrysene-d12	14.04	240	266522	20.00	ng		-0.01
86) Perylene-d12	15.52	264	265982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	795261	96.57	ng		0.00
7) Phenol-d6	6.51	99	961488	94.68	ng		0.00
23) Nitrobenzene-d5	7.45	82	595719	79.42	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	175819	86.45	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	968348	73.88	ng		0.00
78) Terphenyl-d14	12.99	244	598903	51.63	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	16312	2.25	ng		82
10) Phenol	6.52	94	32175	3.02	ng		94
19) n-Nitroso-di-n-propylamine	7.45	70	80251	11.39	ng	#	80
25) Isophorone	7.45	82	595523	37.78	ng	#	64
47) 2-Nitroaniline	9.62	65	436	2.89	ng	#	1
49) Dimethylphthalate	9.63	163	61640	4.04	ng		98
50) 2,6-Dinitrotoluene	9.92	165	25082	8.31	ng	#	25
56) 2,4-Dinitrotoluene	9.92	165	25082	6.59	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	173	8.67	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	11040	3.56	ng	#	1

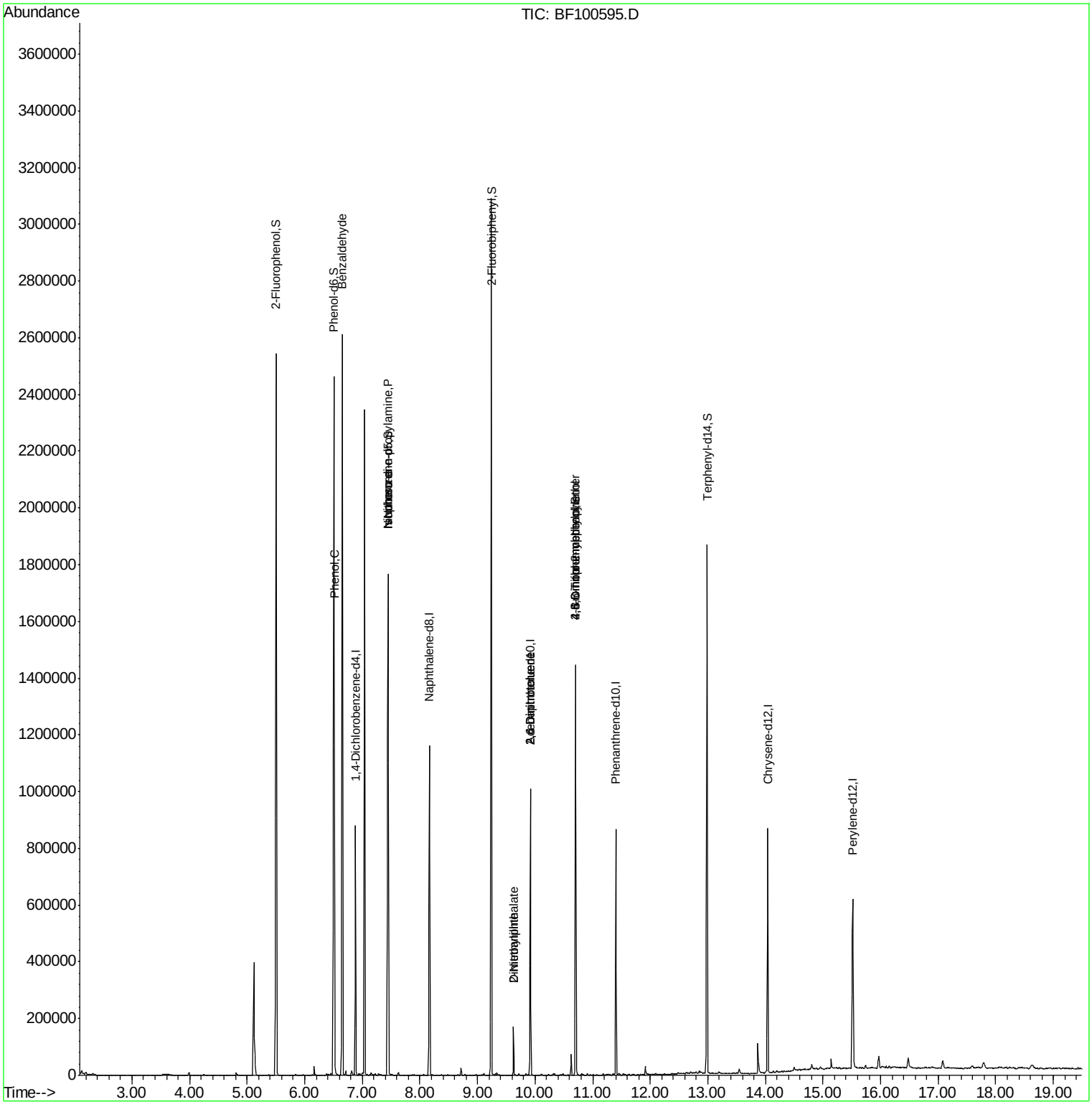
(#) = qualifier out of range (m) = manual integration (+) = signals summed

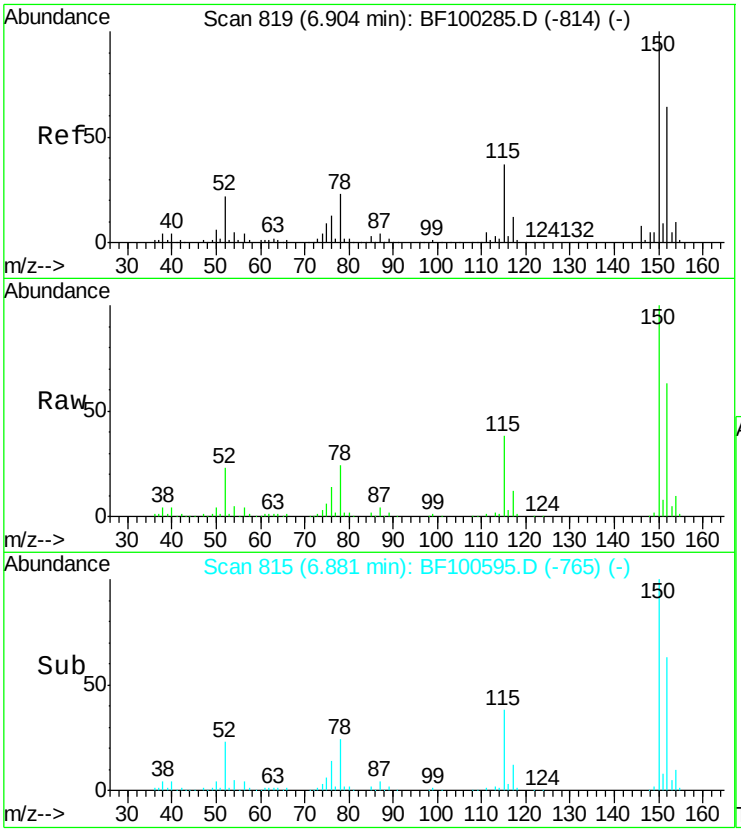
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
Data File : BF100595.D
Acq On : 15 Nov 2017 18:26
Operator : SJ/JU
Sample : I6454-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 16 03:35:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration



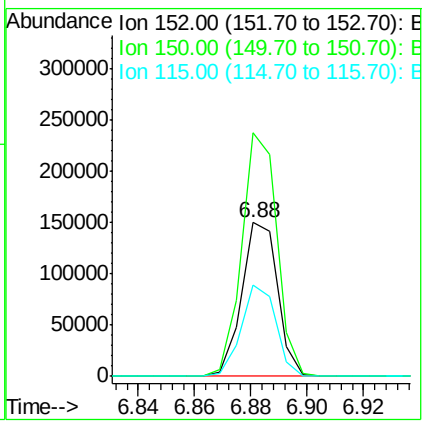


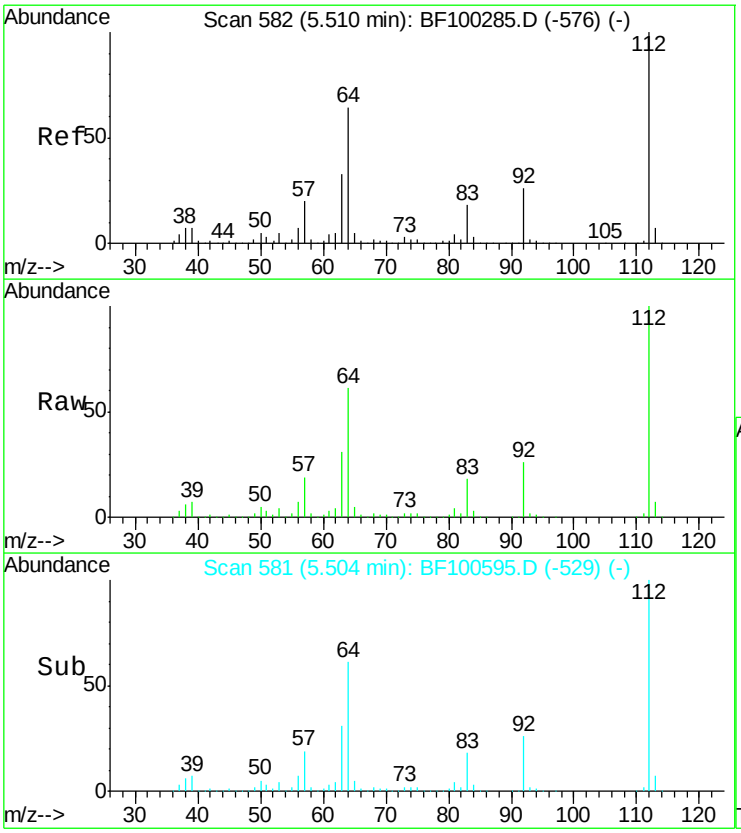
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 132014

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	59.7	50.1	75.1

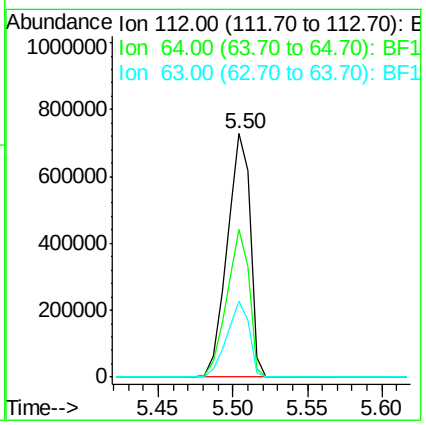


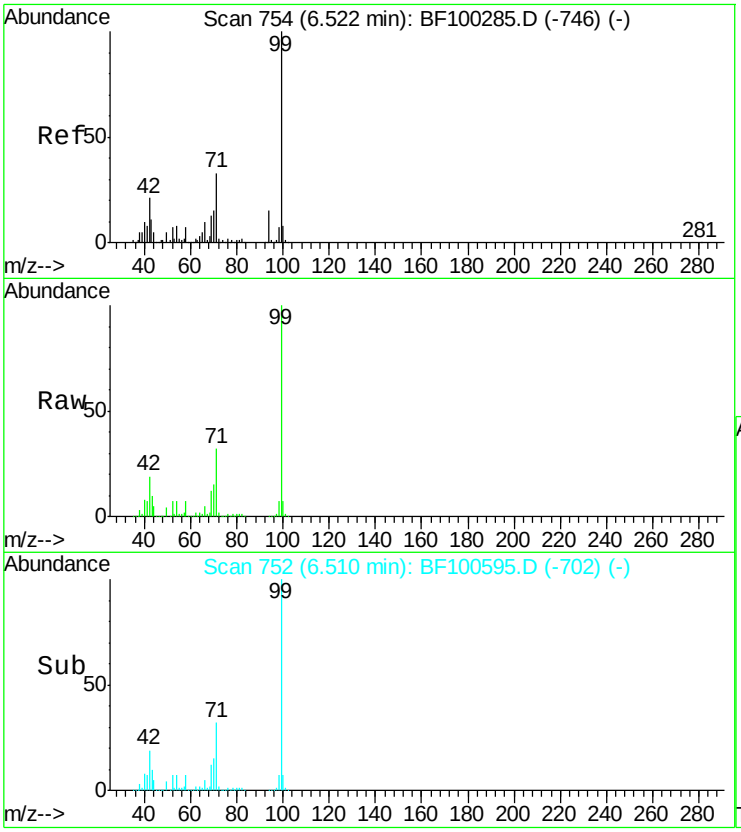


#5
2-Fluorophenol
Concen: 96.57 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Tgt Ion:112 Resp: 795261

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.1	23.7	35.5



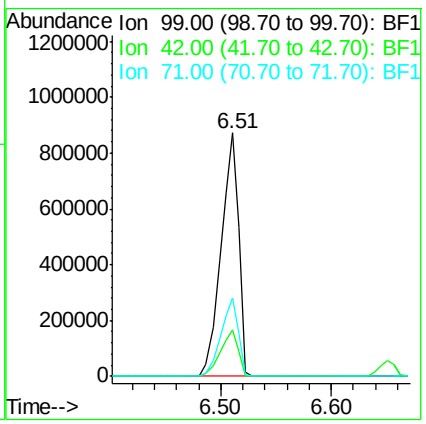


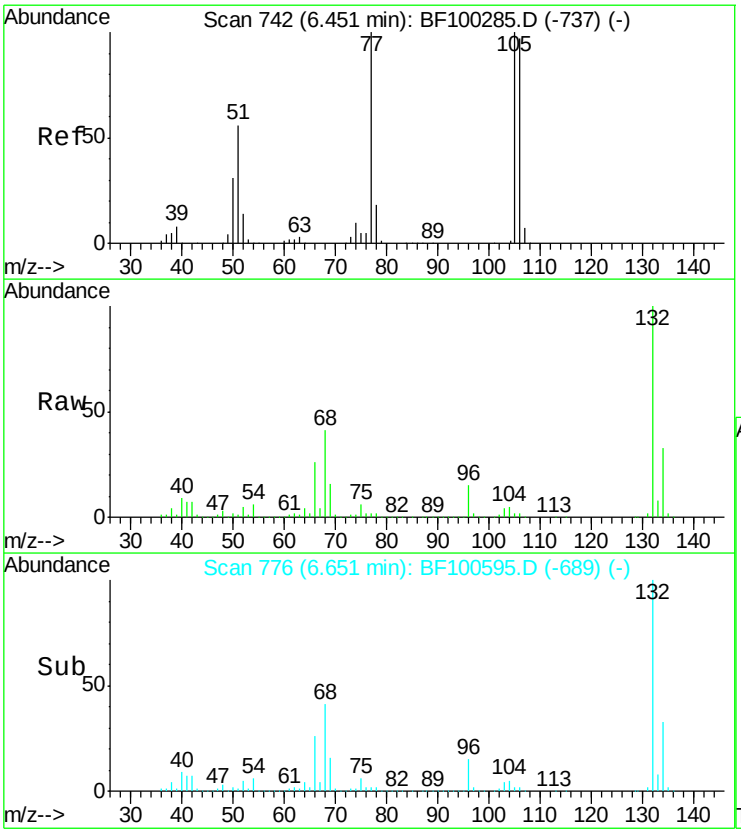
#7
Phenol-d6
Concen: 94.68 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 961488

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	32.3	25.4	38.0

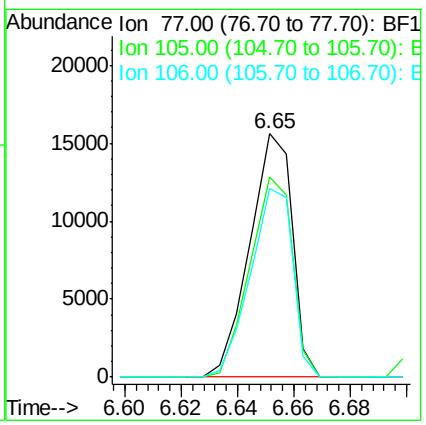


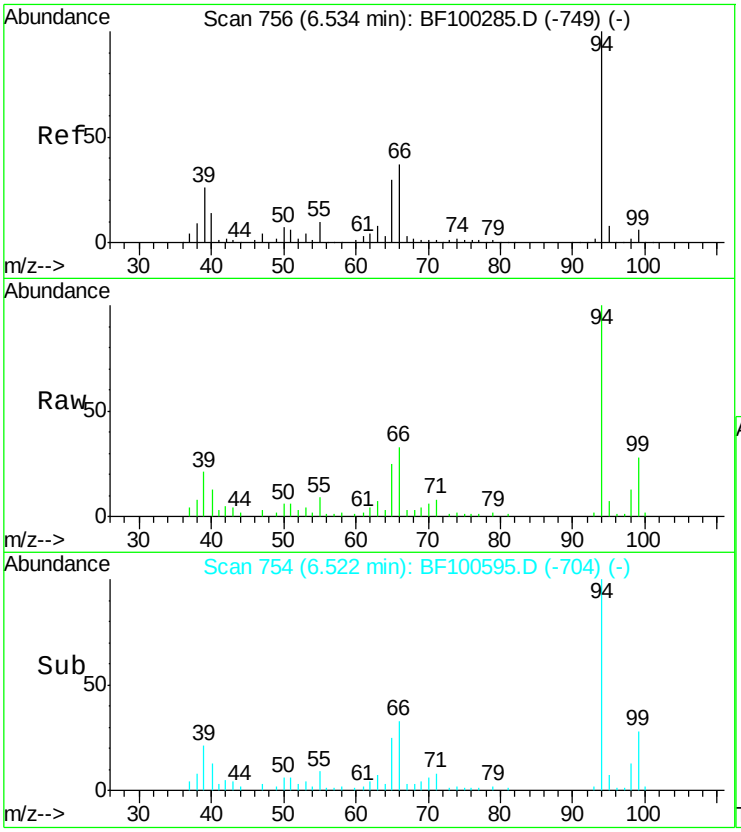


#9
Benzaldehyde
Concen: 2.25 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.21 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Tgt Ion: 77 Resp: 16312

Ion	Ratio	Lower	Upper
77	100		
105	82.4	81.1	121.1
106	77.6	74.5	114.5



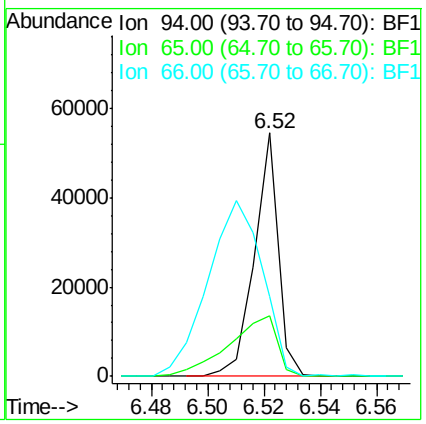


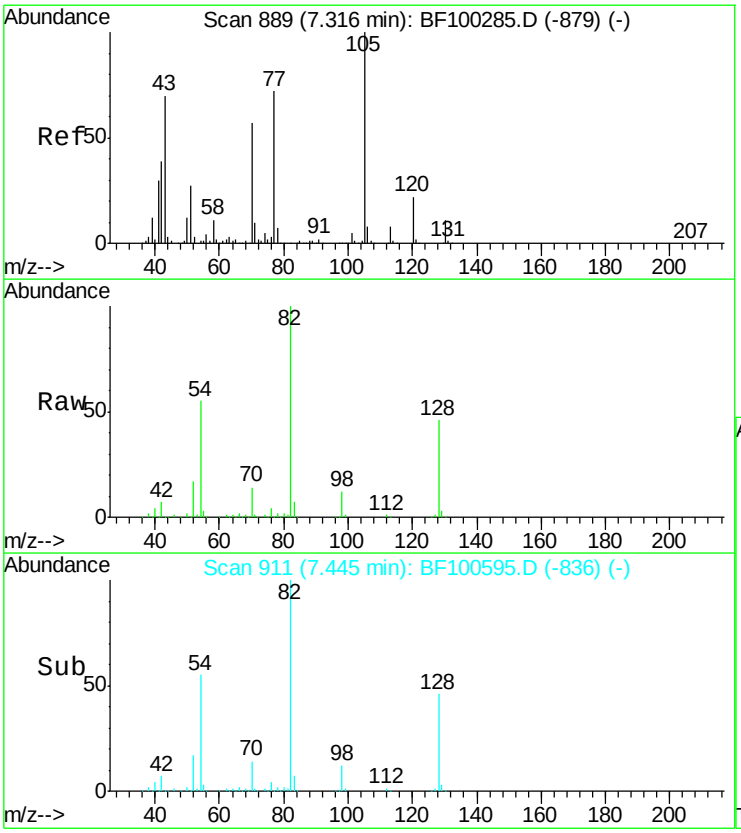
#10
Phenol
Concen: 3.02 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 32175

Ion	Ratio	Lower	Upper
94	100		
65	25.0	7.9	47.9
66	32.9	16.2	56.2

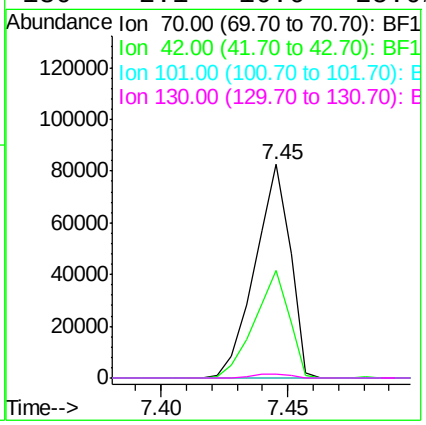


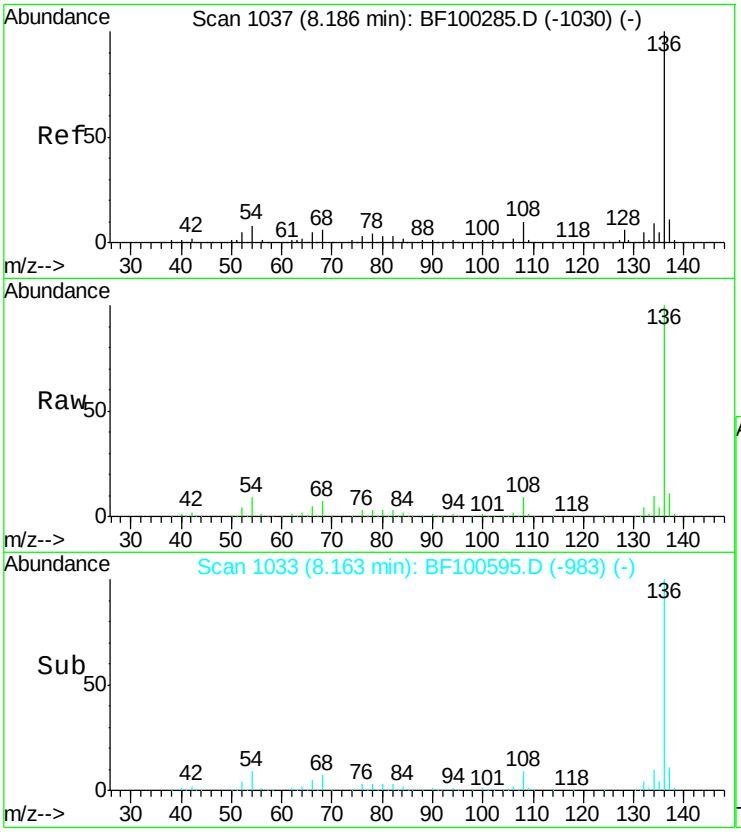


#19
n-Nitroso-di-n-propylamine
Concen: 11.39 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Tgt Ion: 70 Resp: 80251

Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



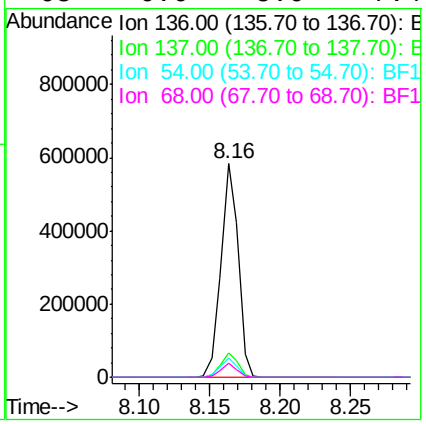


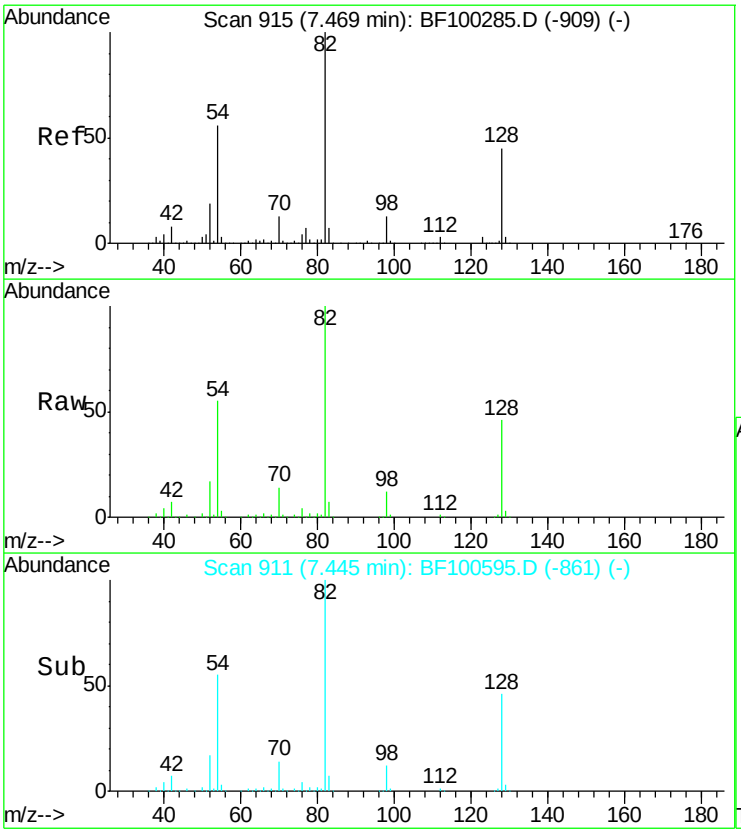
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 495888

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.8	6.6	9.8
68	6.6	5.0	7.4

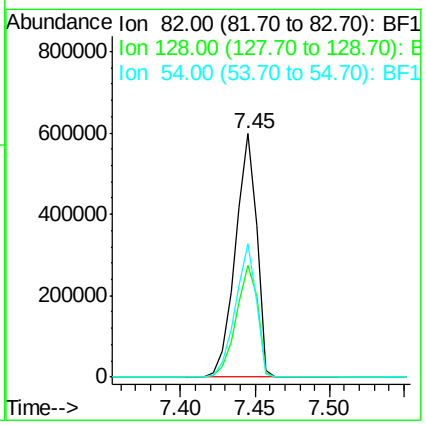


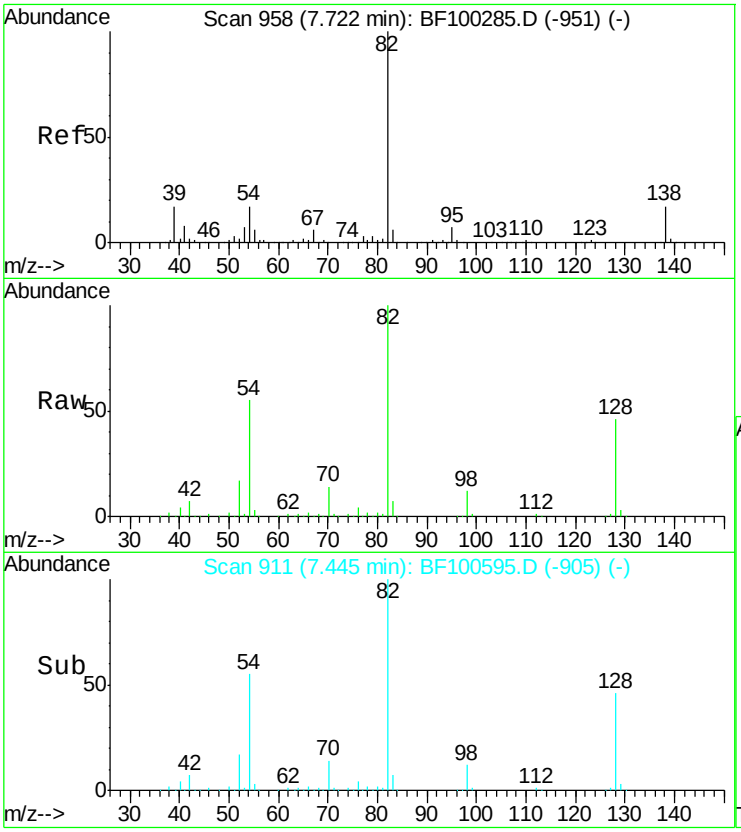


#23
Nitrobenzene-d5
Concen: 79.42 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Tgt Ion: 82 Resp: 595719

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.9	41.4	62.2



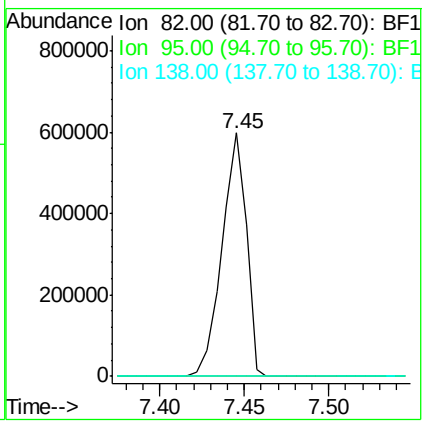


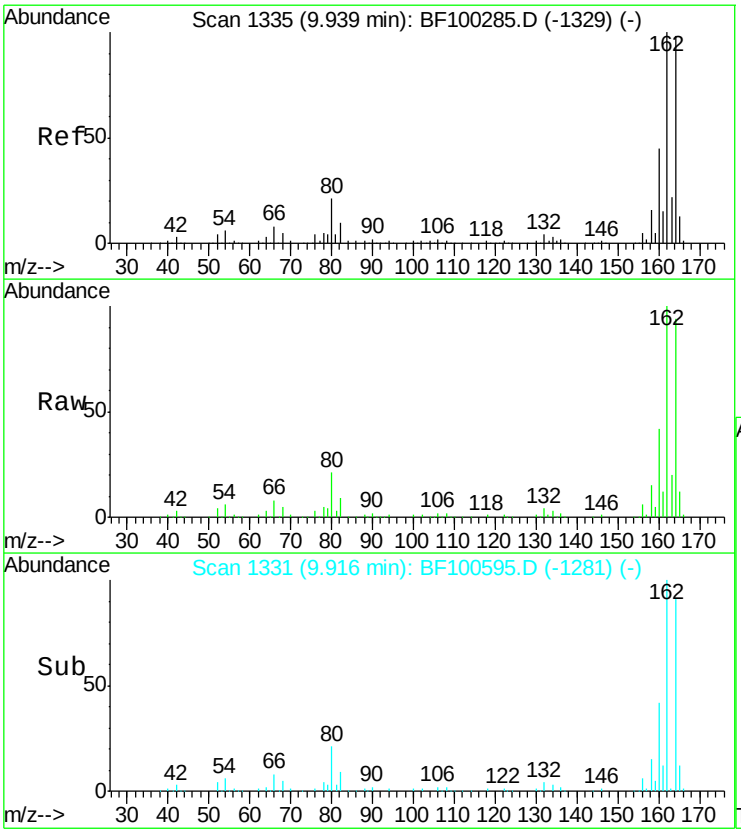
#25
Isophorone
Concen: 37.78 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 595523

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

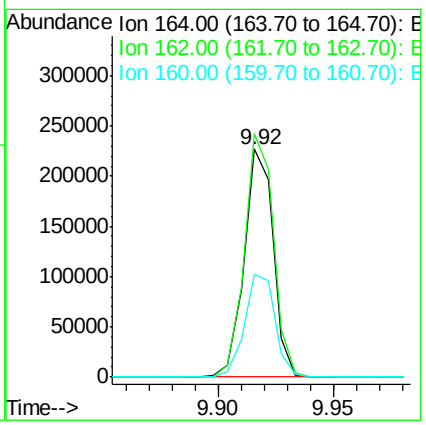


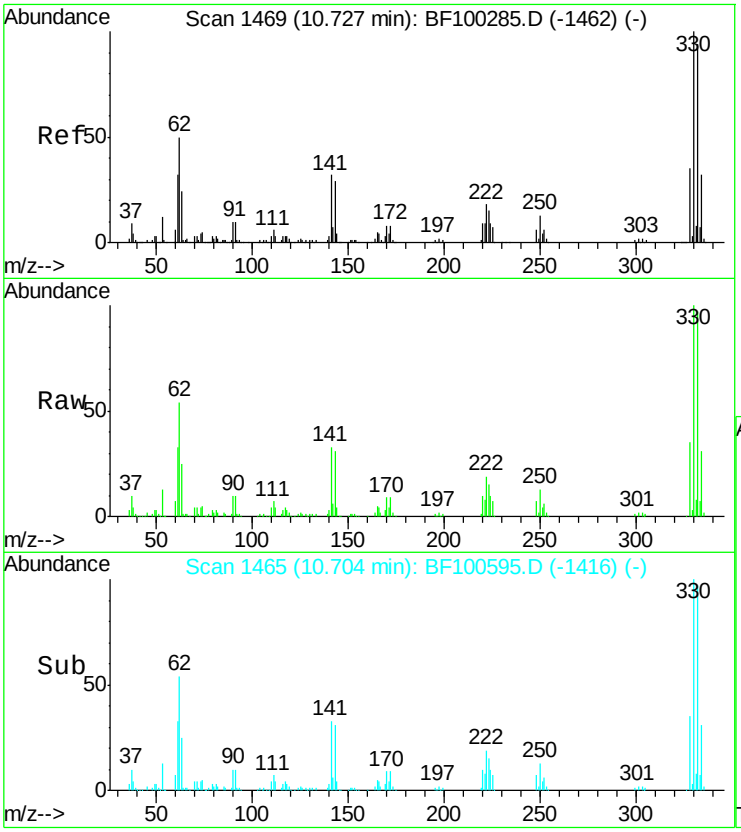


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Tgt Ion:164 Resp: 199591

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	45.4	38.3	57.5



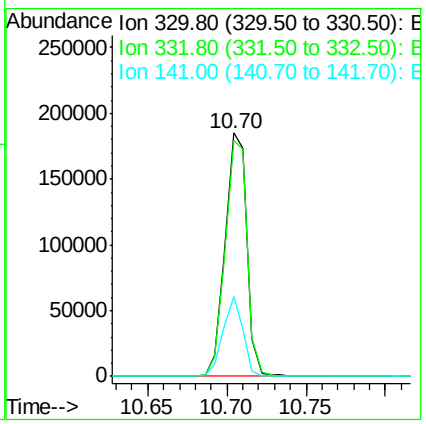


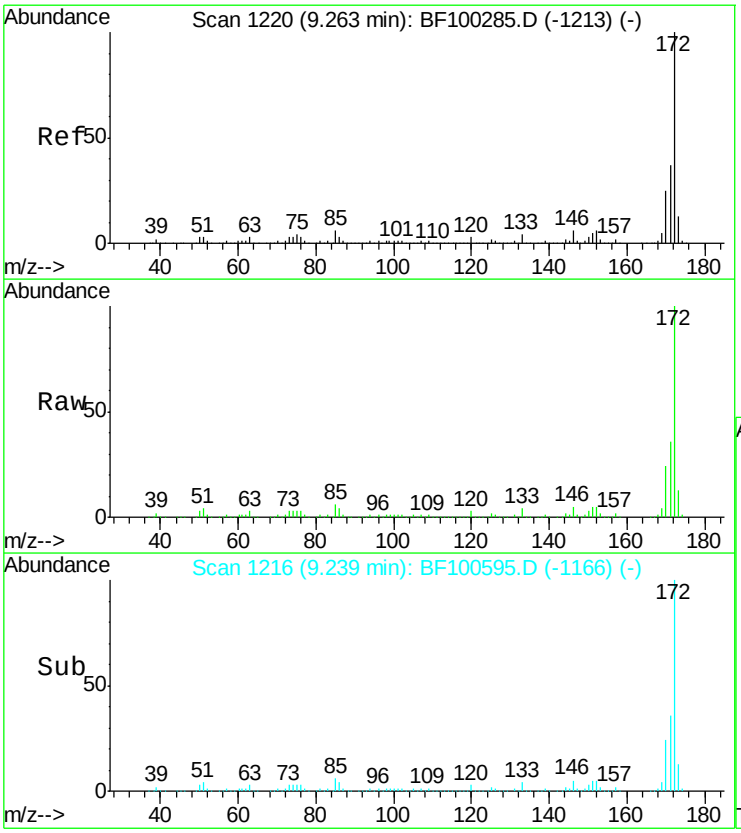
#41
2,4,6-Tribromophenol
Concen: 86.45 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 175819

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	30.0	29.9	44.9

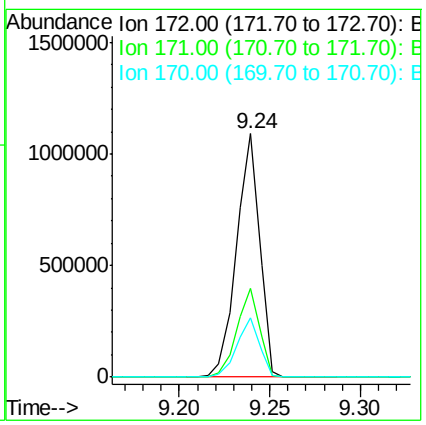


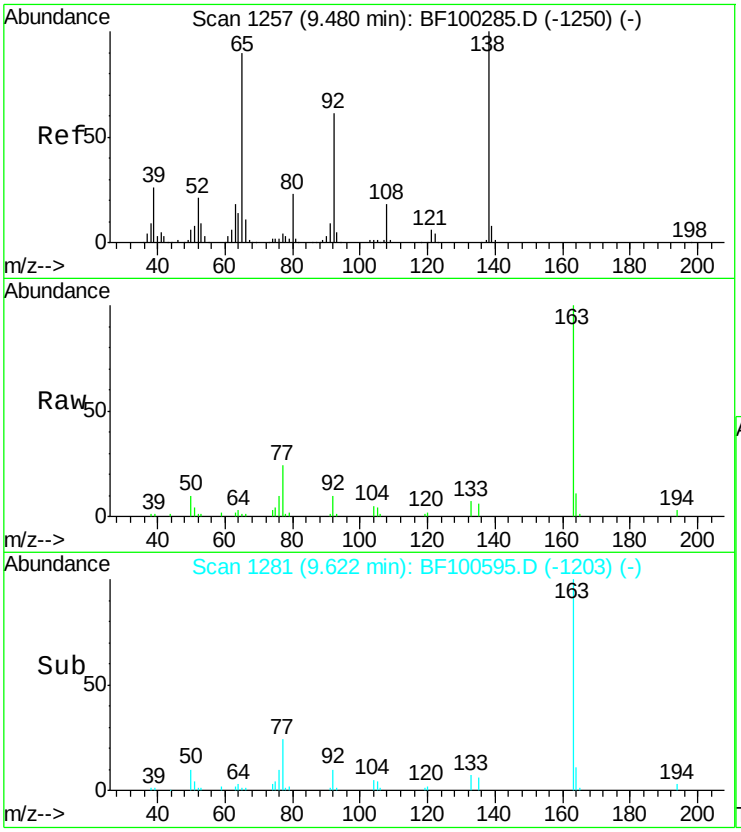


#44
2-Fluorobiphenyl
Concen: 73.88 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Tgt Ion:172 Resp: 968348

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4



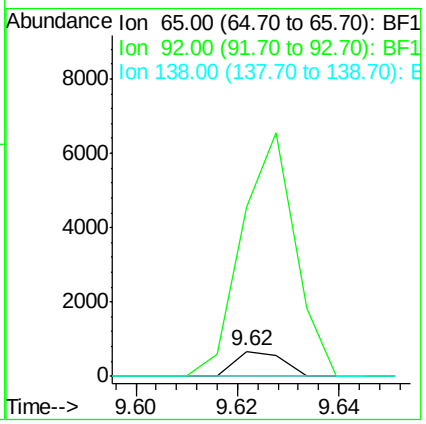


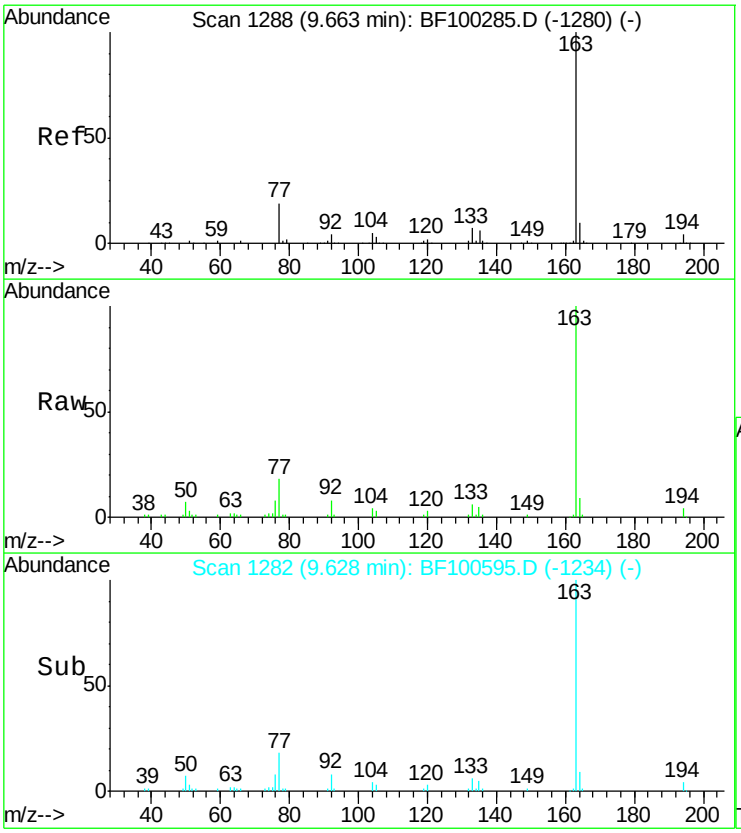
#47
2-Nitroaniline
Concen: 2.89 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 436

Ion	Ratio	Lower	Upper
65	100		
92	683.2	55.8	83.6#
138	0.0	91.2	136.8#

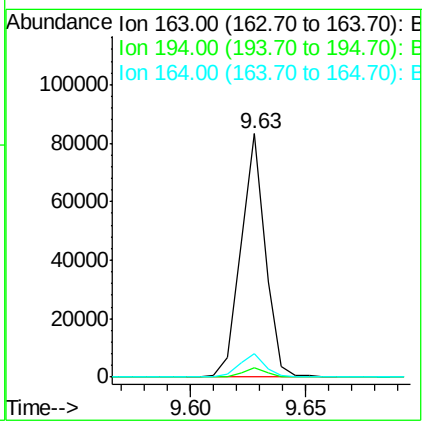


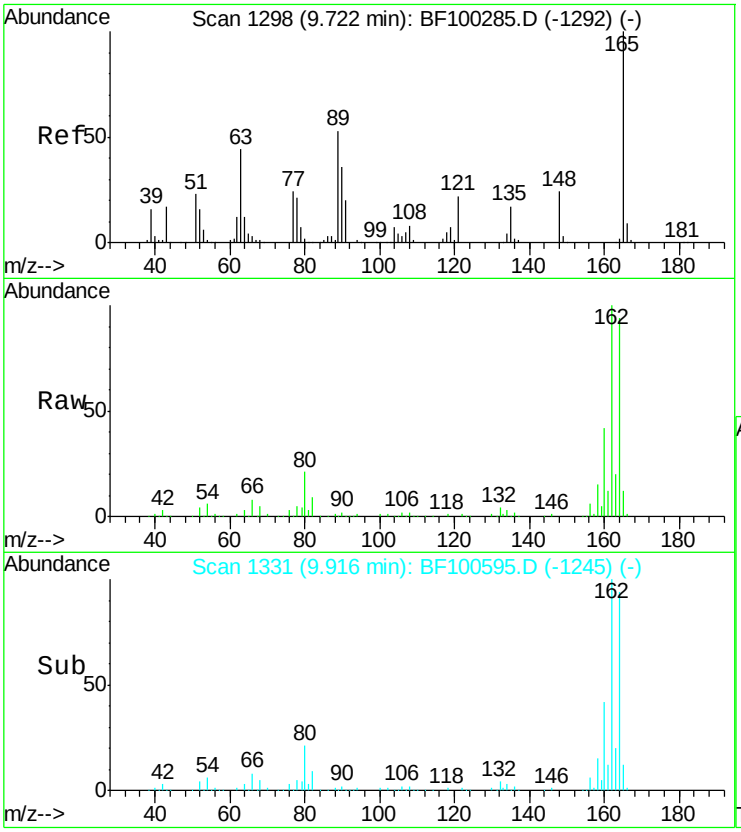


#49
Dimethylphthalate
Concen: 4.04 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Tgt Ion:163 Resp: 61640

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.4	8.2	12.2



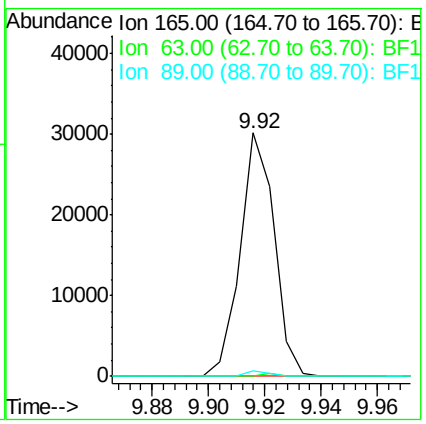


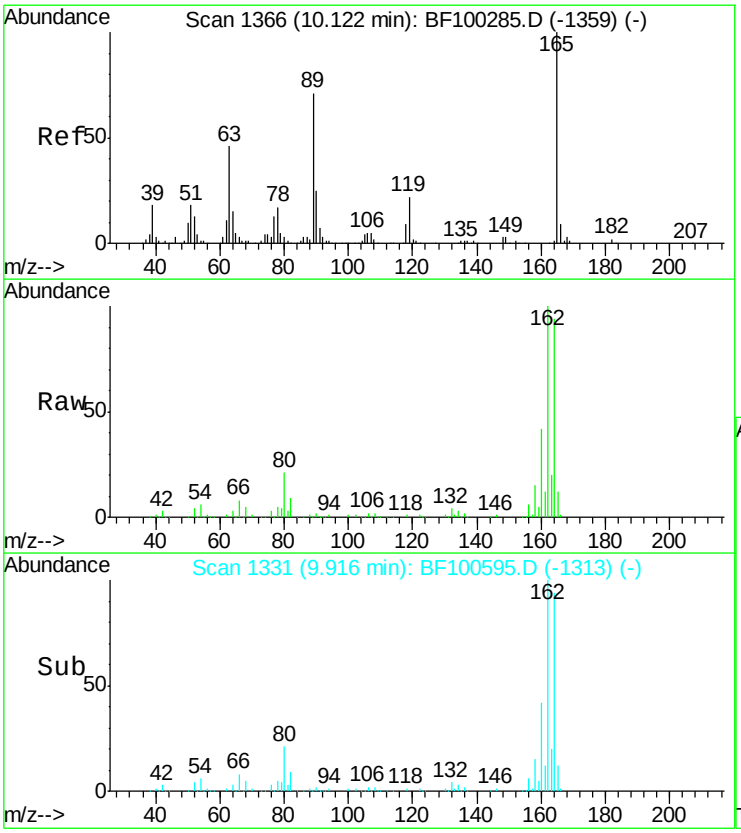
#50
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25082

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.0	44.0	66.0#

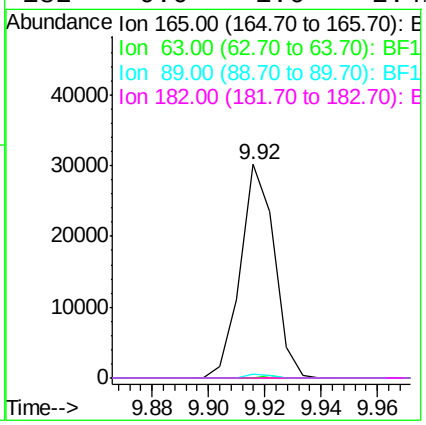


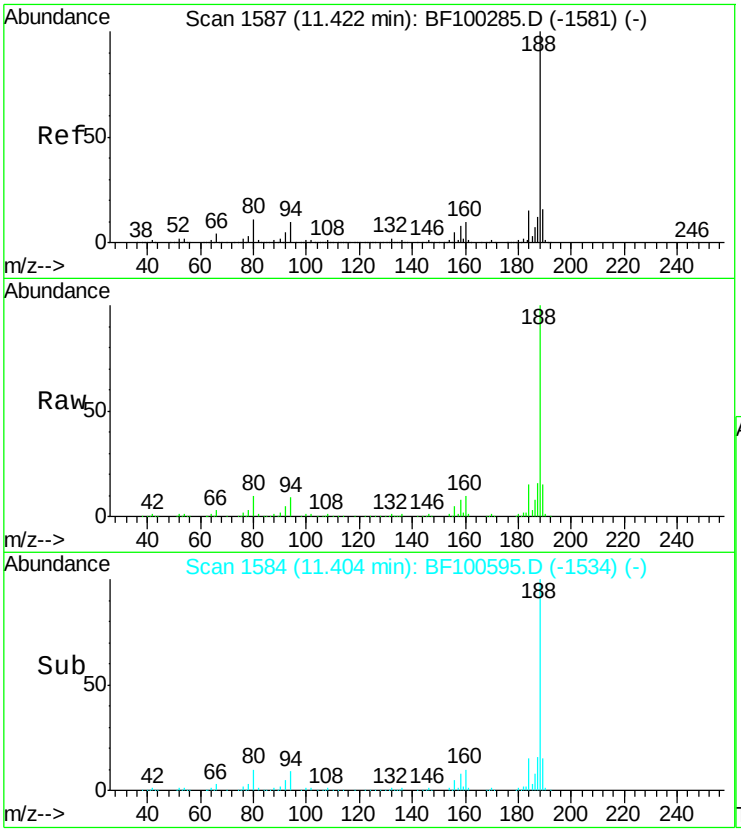


#56
2,4-Dinitrotoluene
Concen: 6.59 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Tgt Ion:165 Resp: 25082

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



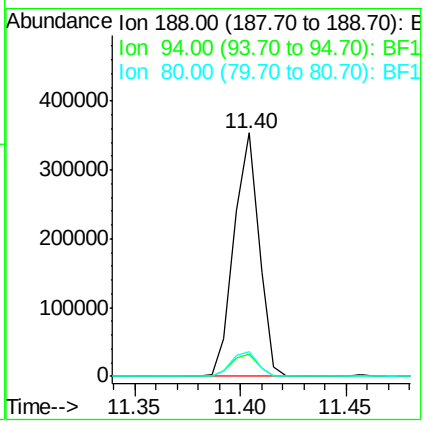


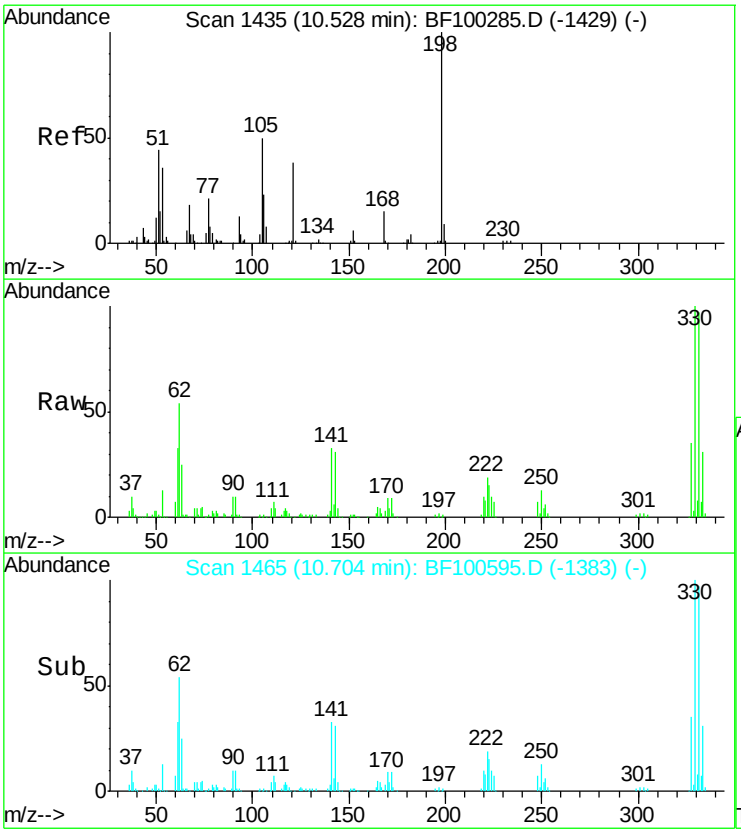
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 289279

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

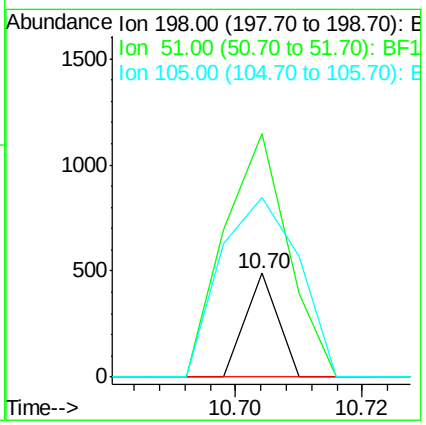


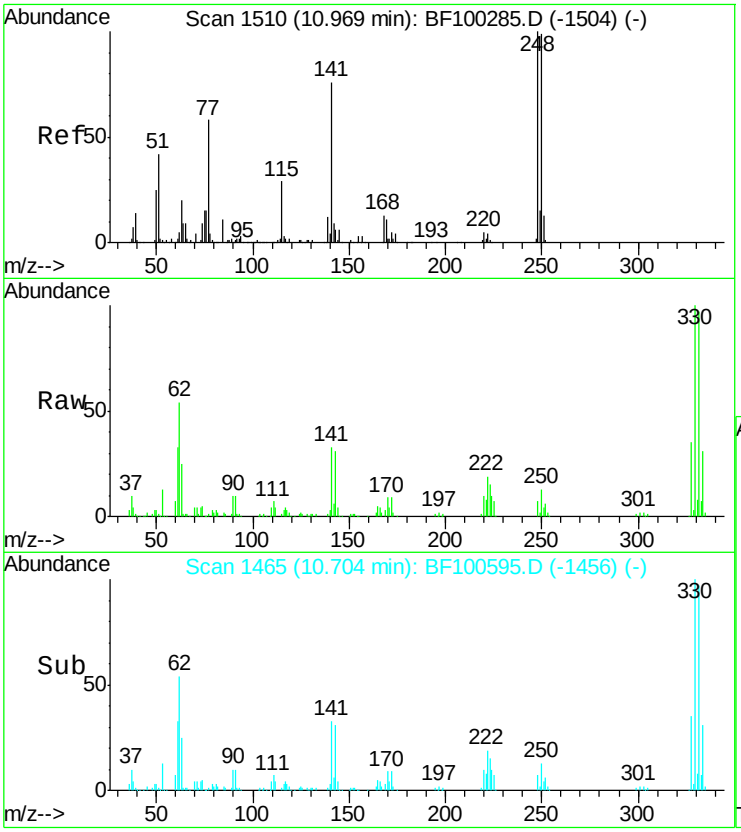


#64
4,6-Dinitro-2-methylphenol
Concen: 8.67 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Tgt Ion:198 Resp: 173

Ion	Ratio	Lower	Upper
198	100		
51	234.1	37.7	77.7#
105	172.2	36.3	76.3#



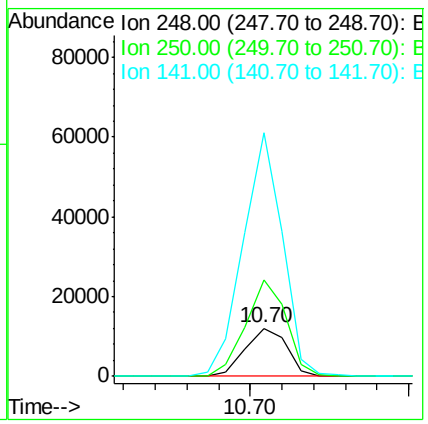


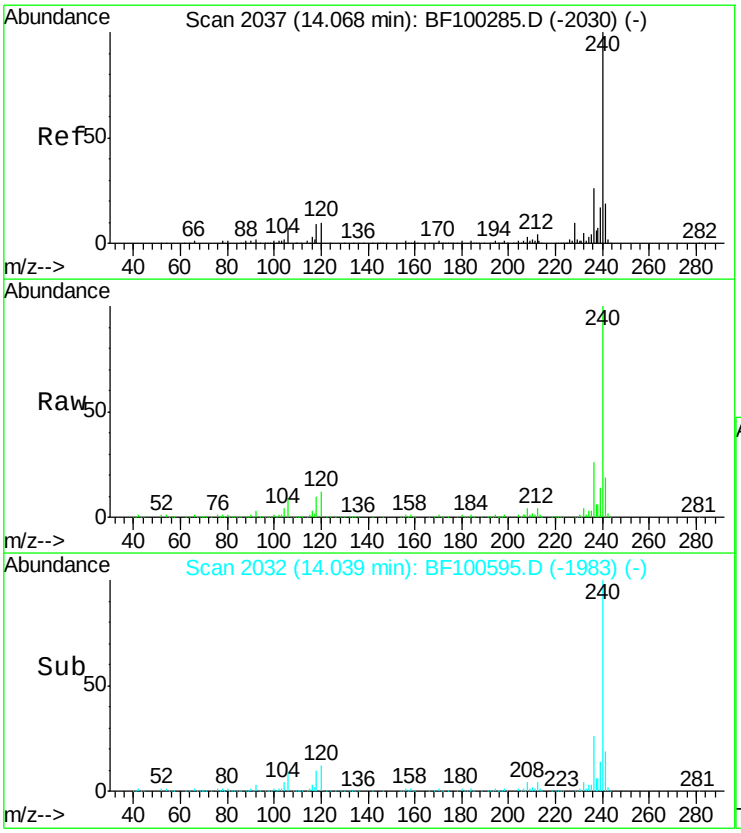
#66
4-Bromophenyl-phenylether
Concen: 3.56 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11040

Ion	Ratio	Lower	Upper
248	100		
250	199.3	76.9	115.3#
141	503.6	74.4	111.6#

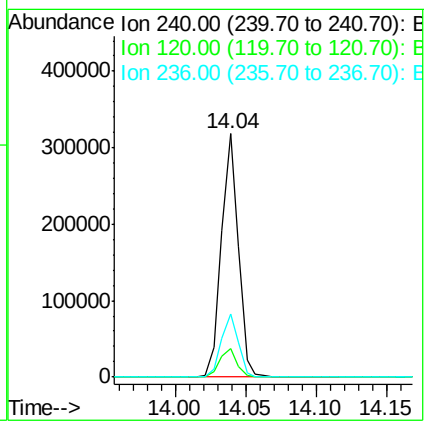


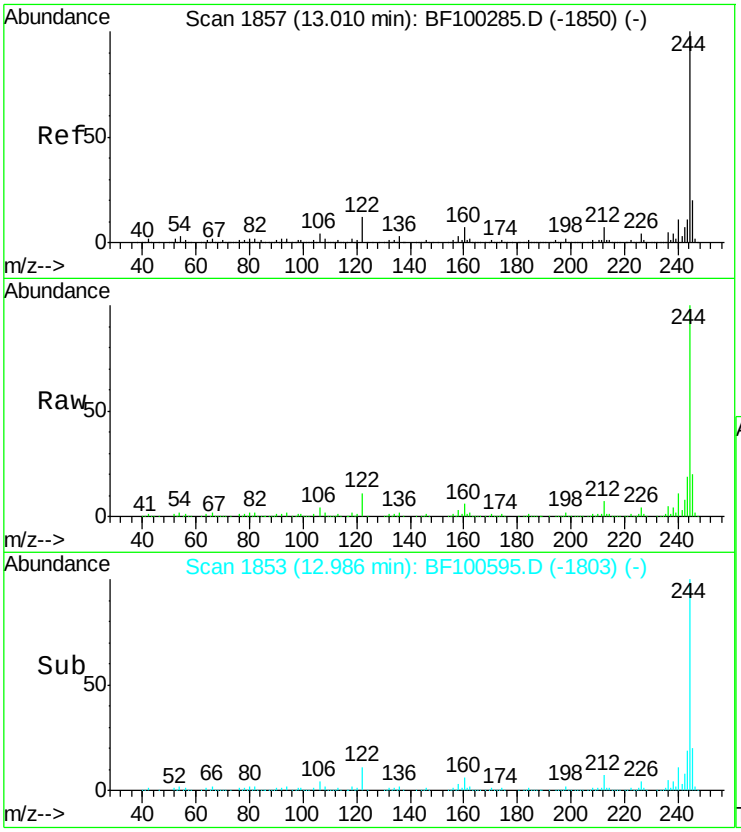


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Tgt Ion:240 Resp: 266522

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.8	20.7	31.1



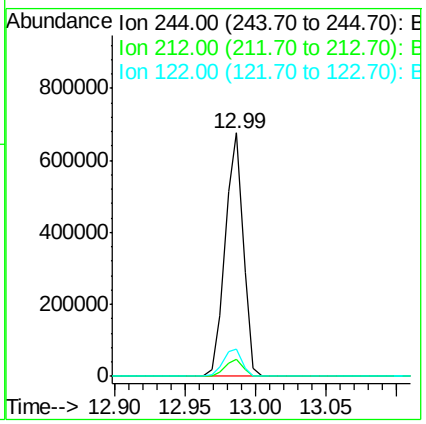


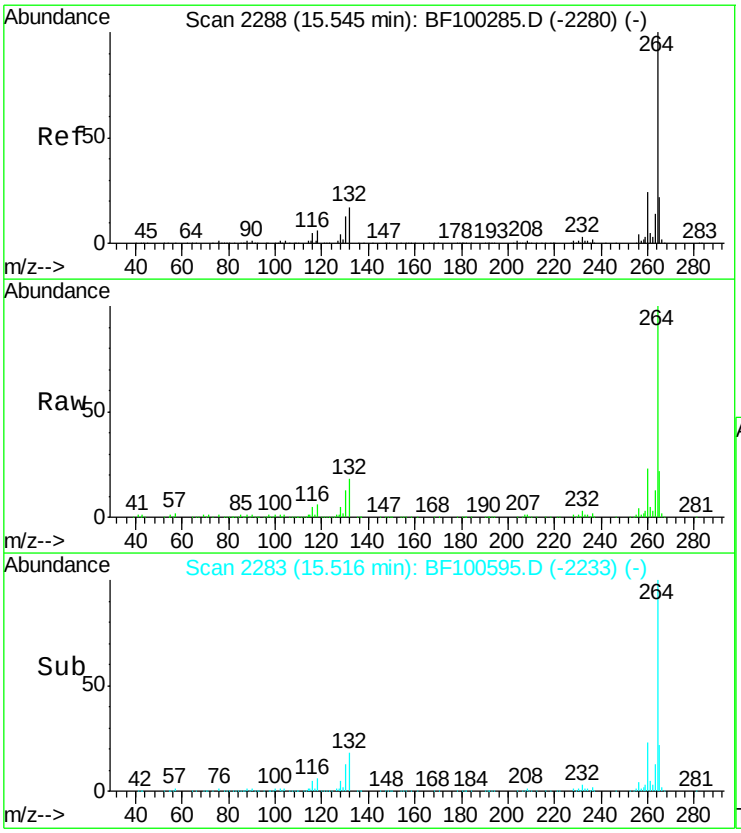
#78
Terphenyl-d14
Concen: 51.63 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100595.D
Acq: 15 Nov 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 598903

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.0	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: BF100595.D
Acq: 15 Nov 2017 18:26

Tgt Ion:264 Resp: 265982

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	17.5	26.3