

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040324.D
 Acq On : 3 Apr 2019 11:27
 Operator : JU/SJ
 Sample : K2182-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 16:19:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

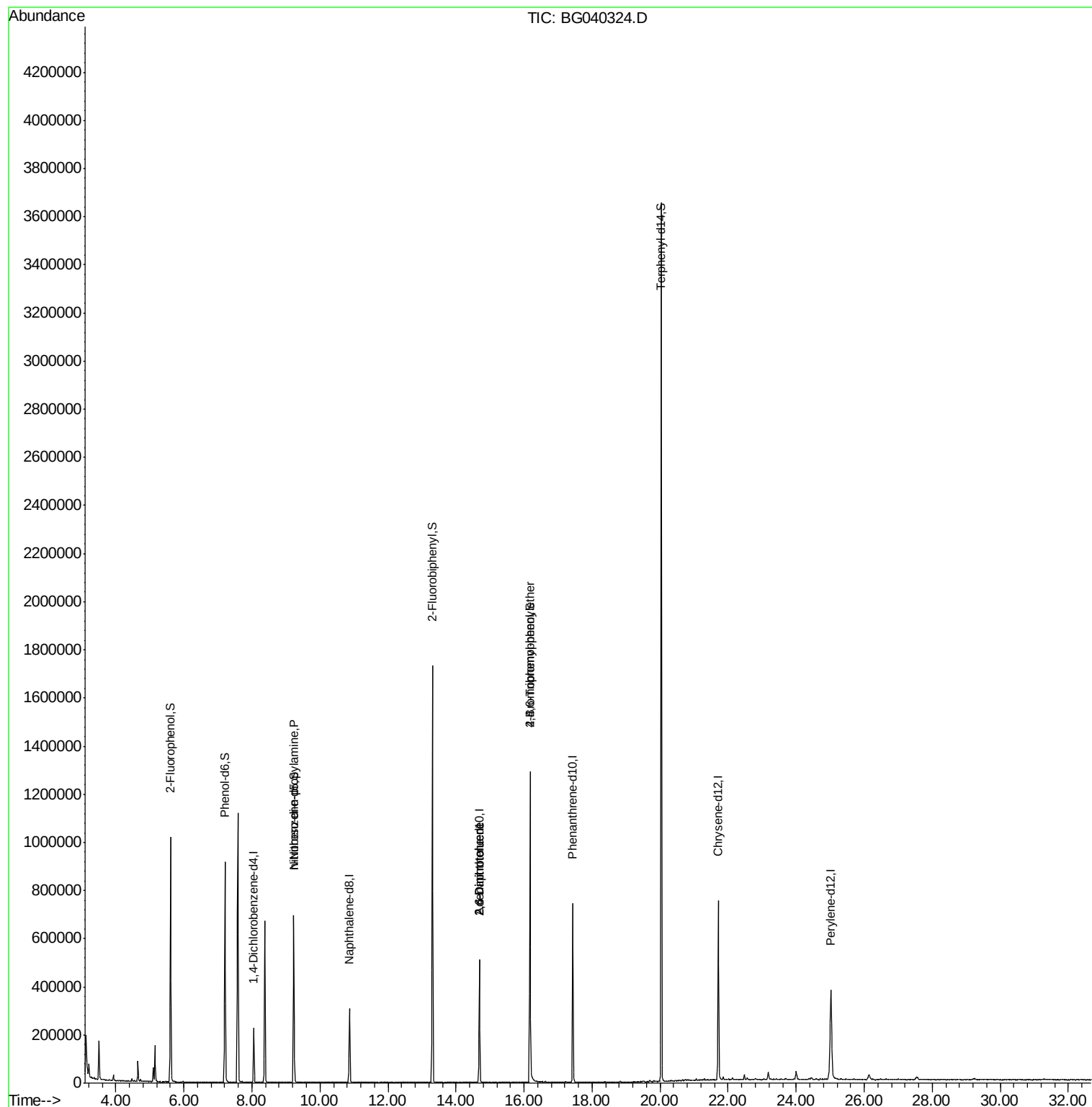
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64248	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	261255	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	179939	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	466547	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	474590	20.00	ng	-0.02
87) Perylene-d12	25.02	264	459338	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	443320	114.71	ng	0.00
7) Phenol-d6	7.21	99	552989	103.53	ng	-0.02
23) Nitrobenzene-d5	9.23	82	421080	85.67	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	246492	126.75	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	919379	75.71	ng	-0.02
79) Terphenyl-d14	20.03	244	1675704	79.43	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	53431	13.953	ng	# 75
51) 2,6-Dinitrotoluene	14.68	165	23095	7.304	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	23095	5.256	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	18997	3.618	ng	# 1

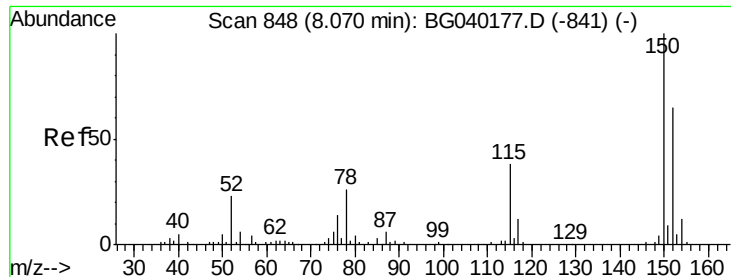
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



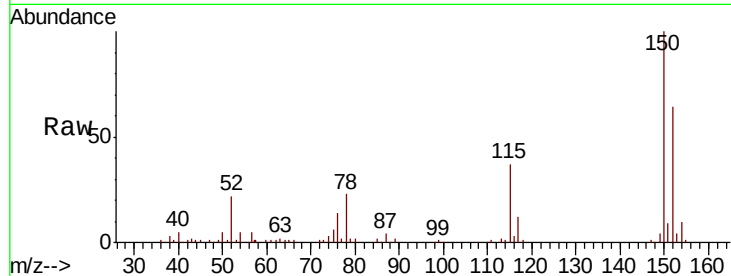


#1

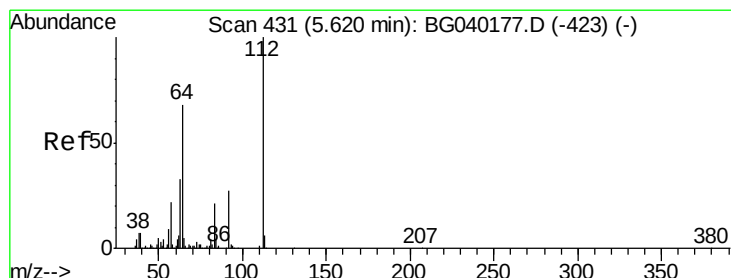
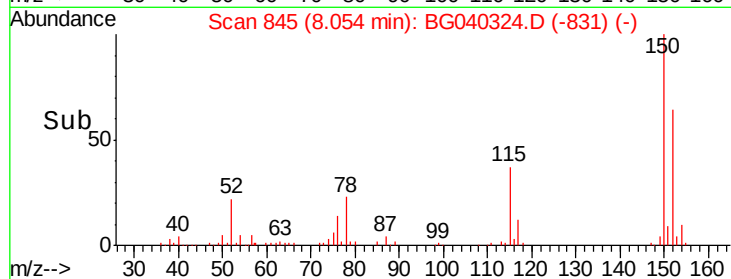
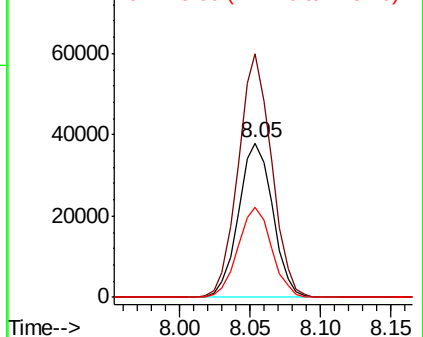
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040324.D
Acq: 3 Apr 2019 11:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64248
Ion Ratio Lower Upper
152 100
150 157.4 123.7 185.5
115 57.8 46.9 70.3



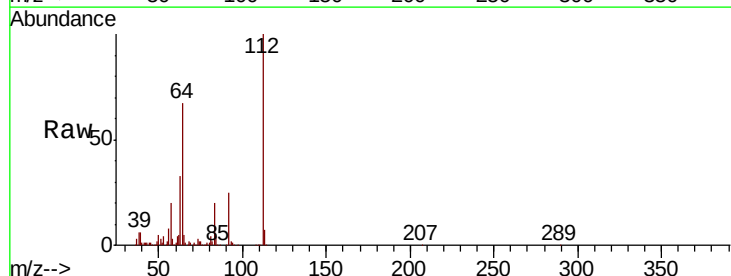
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



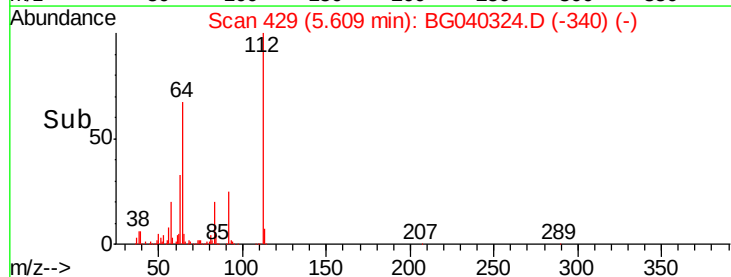
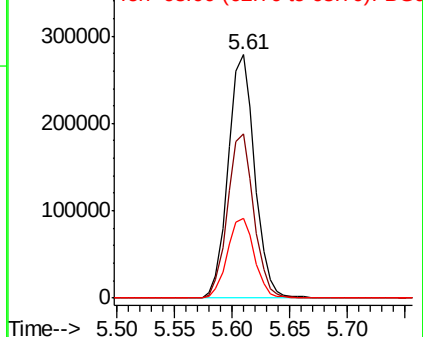
#5

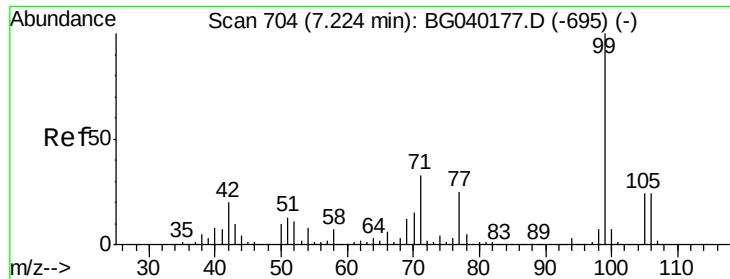
2-Fluorophenol
Concen: 114.709 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040324.D
Acq: 3 Apr 2019 11:27

Tgt Ion:112 Resp: 443320
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.2
63 32.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 103.534 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040324.D

Acq: 3 Apr 2019 11:27

Instrument :

BNA_F

ClientSampleId :

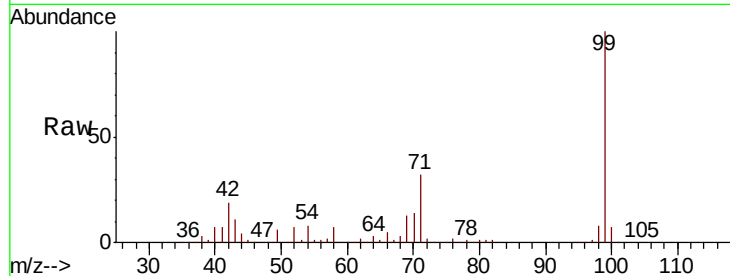
Tot Ion: 99 Resp: 552989

Ion Ratio Lower Upper

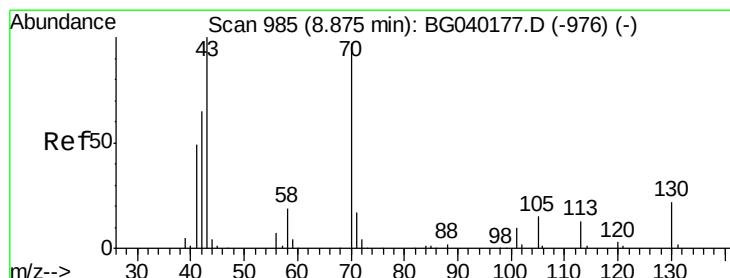
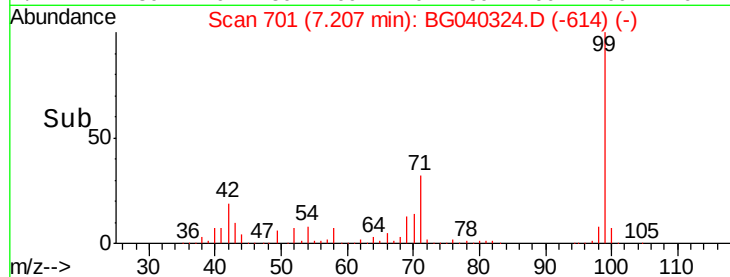
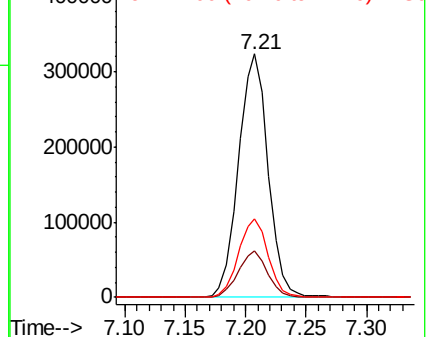
99 100

42 19.2 16.2 24.2

71 32.1 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 13.953 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040324.D

Acq: 3 Apr 2019 11:27

Tgt Ion: 70 Resp: 53431

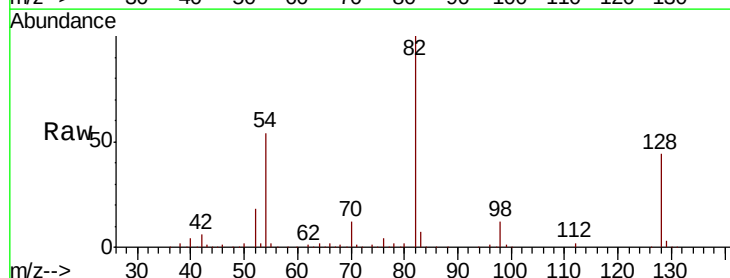
Ion Ratio Lower Upper

70 100

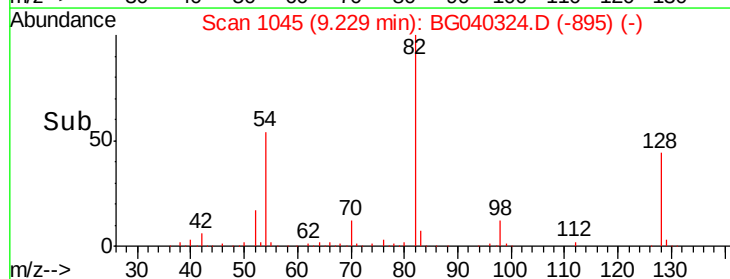
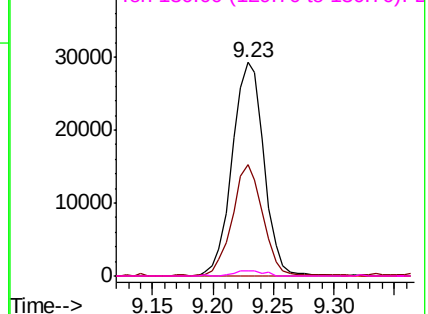
42 52.1 54.0 81.0#

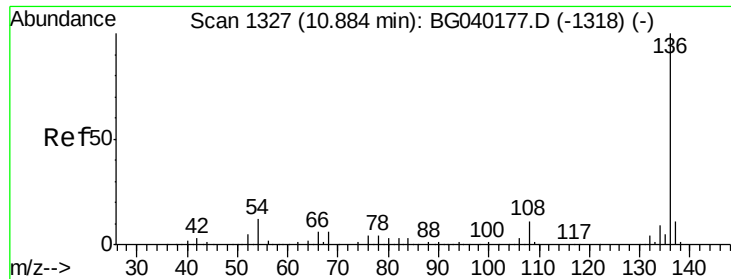
101 0.0 8.6 13.0#

130 2.4 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

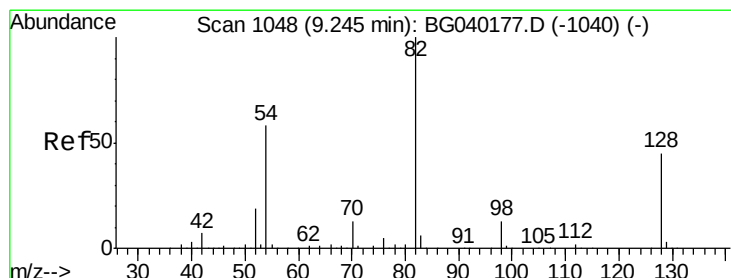
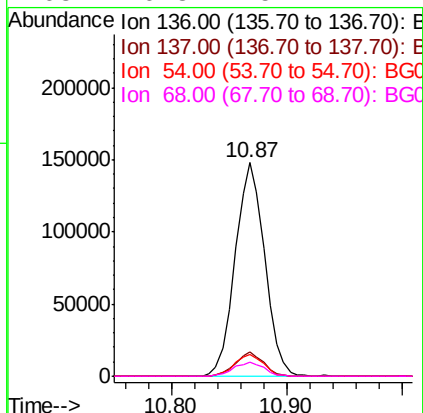
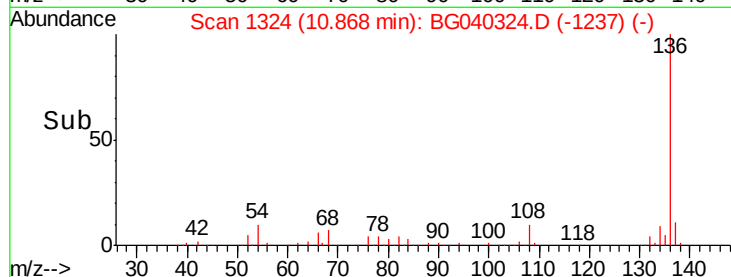
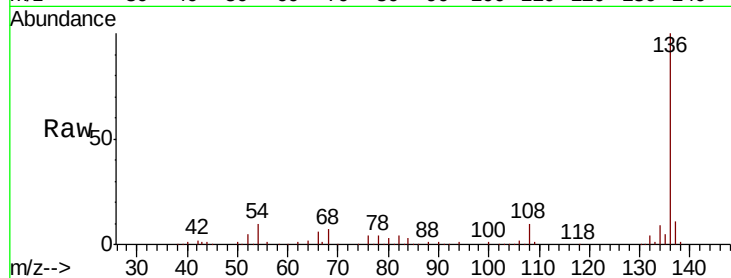




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040324.D
Acq: 3 Apr 2019 11:27

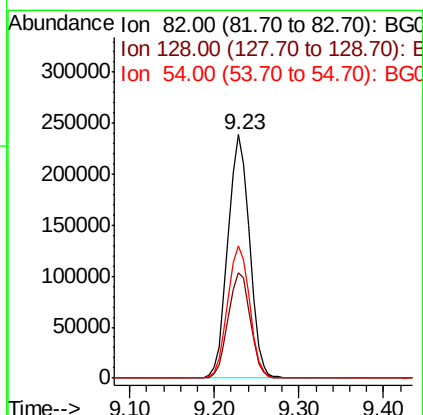
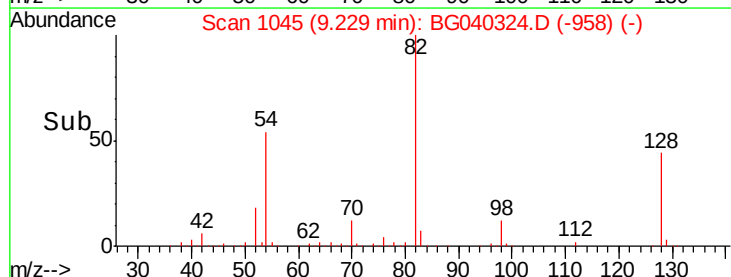
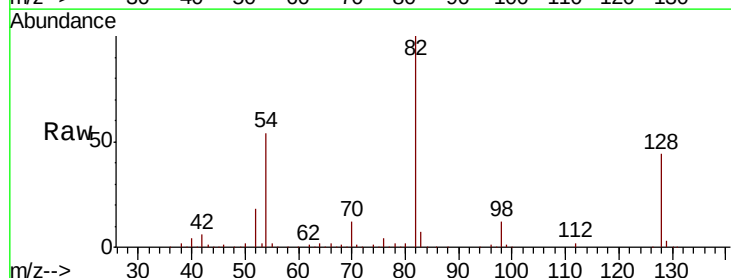
Instrument :
BNA_F
ClientSampled :

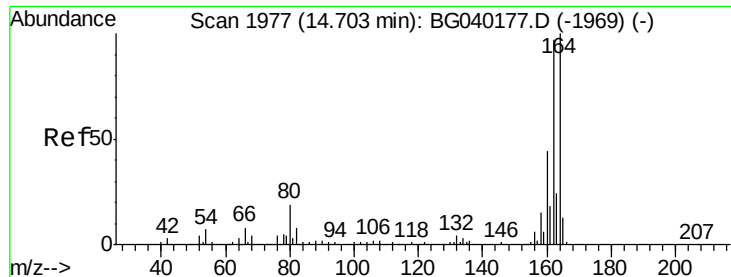
Tot Ion:136	Resp:	261255
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	10.3	9.6 14.4
68	6.8	5.1 7.7



#23
Nitrobenzene-d5
Concen: 85.670 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040324.D
Acq: 3 Apr 2019 11:27

Tgt Ion: 82	Resp:	421080
Ion Ratio	Lower	Upper
82	100	
128	43.5	35.8 53.8
54	54.4	46.2 69.2

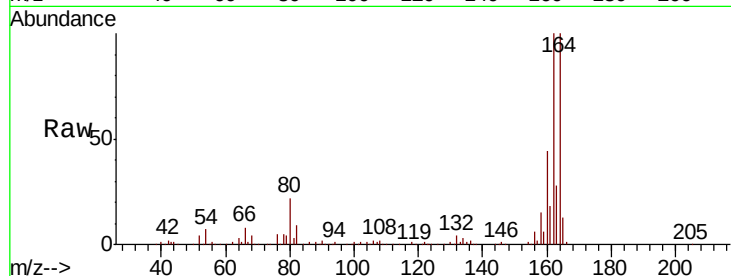




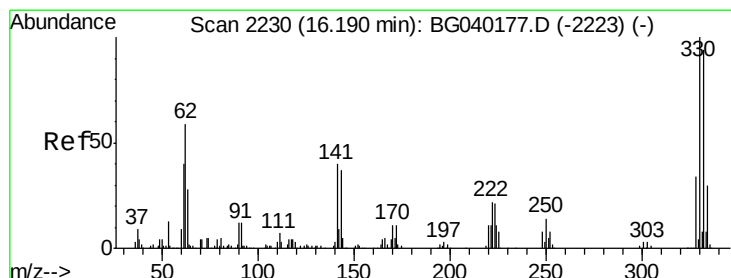
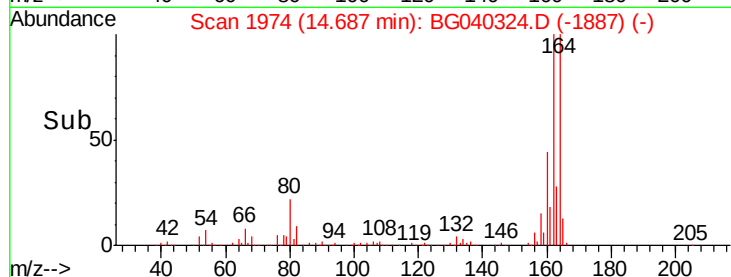
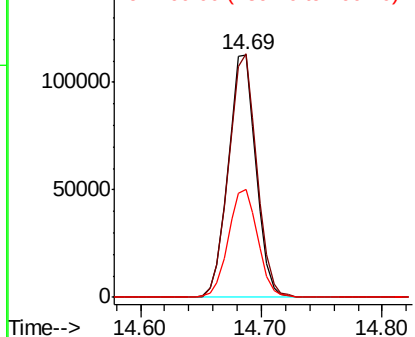
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040324.D
Acq: 3 Apr 2019 11:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 179939
Ion Ratio Lower Upper
164 100
162 100.4 77.4 116.2
160 44.6 35.3 52.9

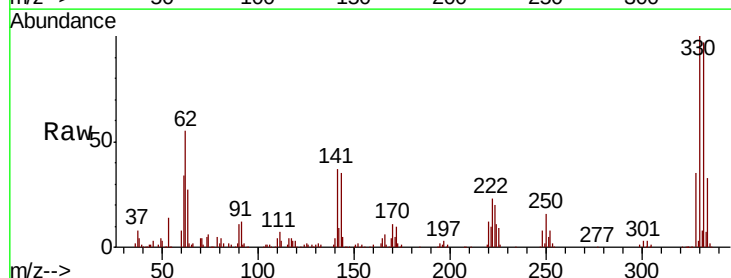


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

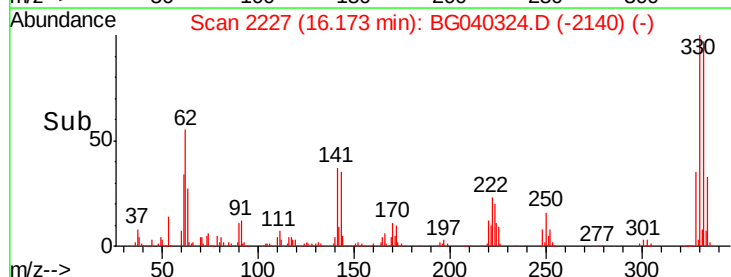
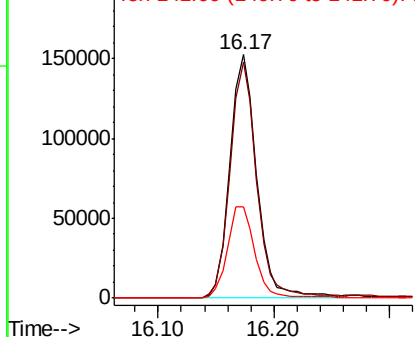


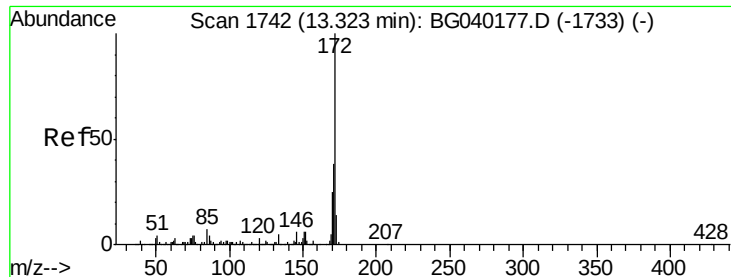
#42
2,4,6-Tribromophenol
Concen: 126.752 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040324.D
Acq: 3 Apr 2019 11:27

Tgt Ion:330 Resp: 246492
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 38.3 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

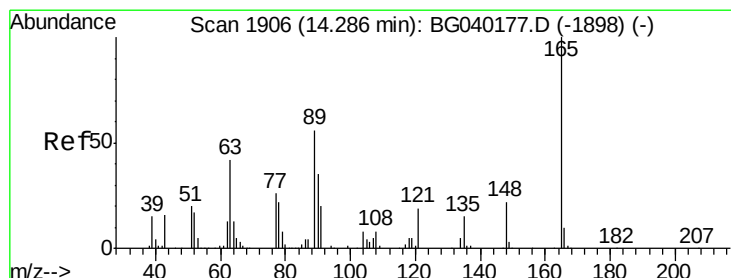
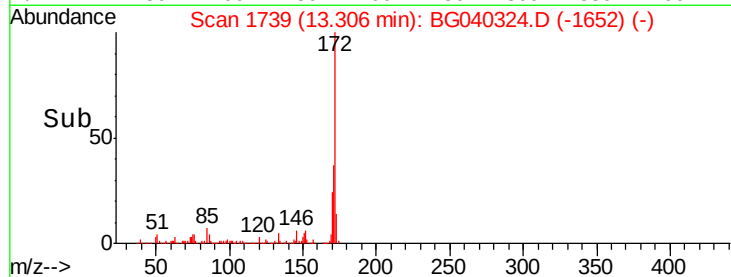
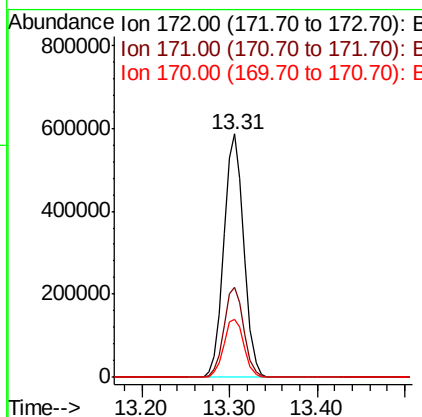
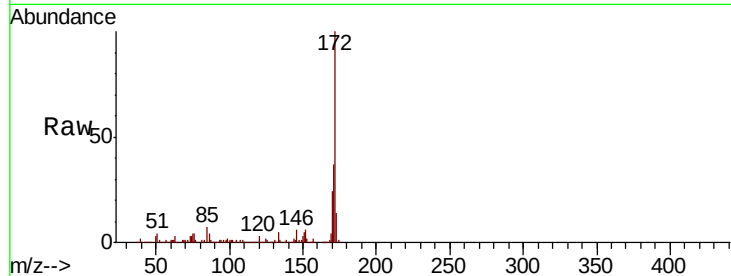




#45
 2-Fluorobiphenyl
 Concen: 75.709 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040324.D
 Acq: 3 Apr 2019 11:27

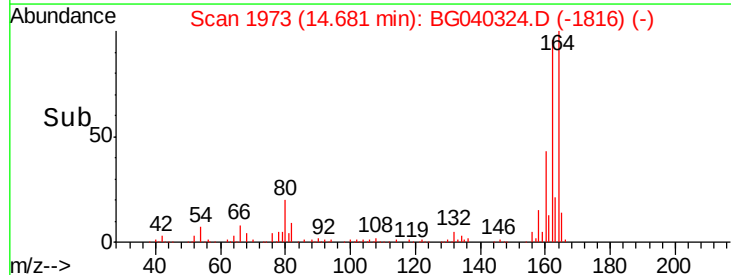
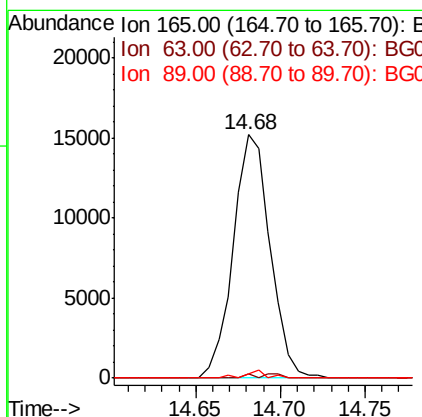
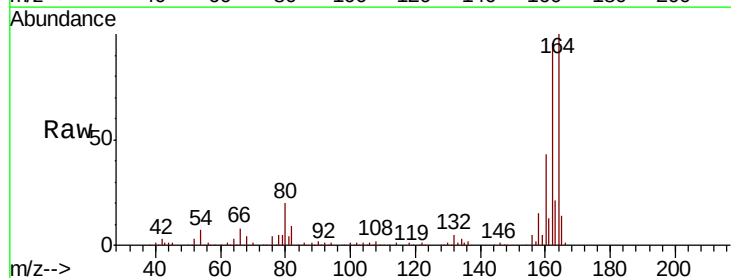
Instrument :
 BNA_F
 ClientSampleId :

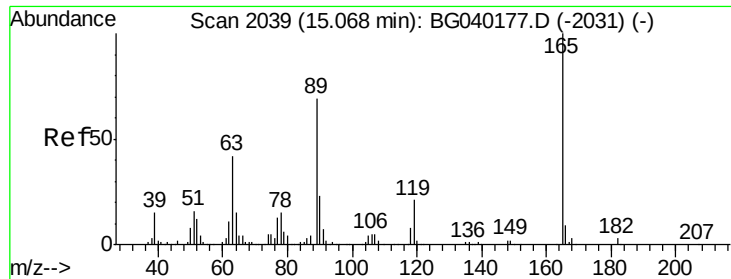
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.1	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.304 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.39 min
 Lab File: BG040324.D
 Acq: 3 Apr 2019 11:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.1	66.1#
89	1.5	44.9	67.3#

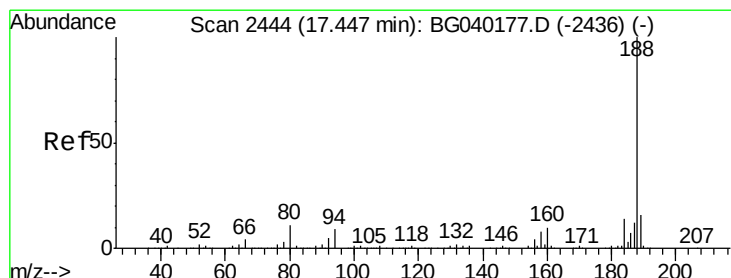
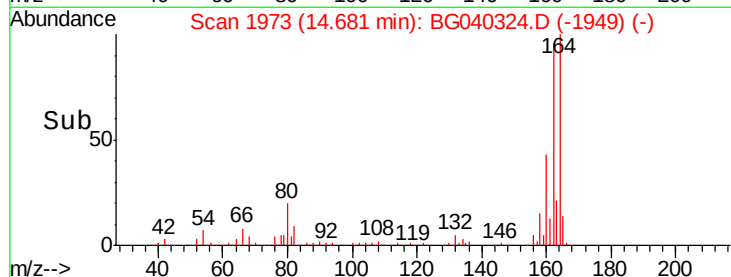
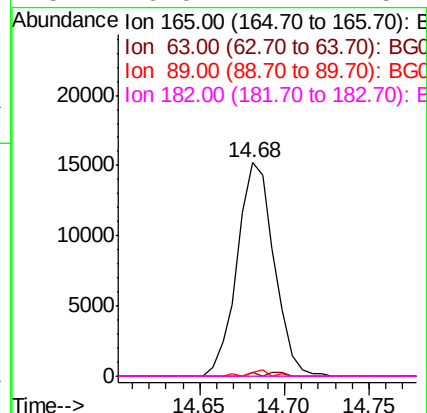
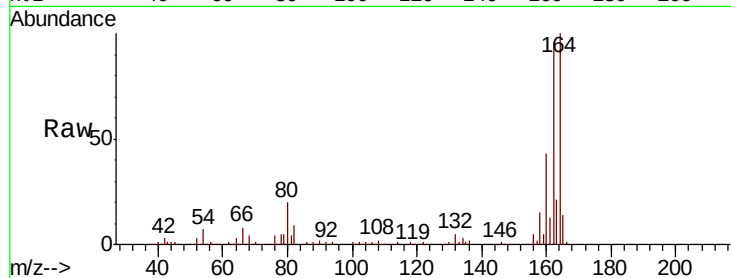




#57
 2,4-Dinitrotoluene
 Concen: 5.256 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040324.D
 Acq: 3 Apr 2019 11:27

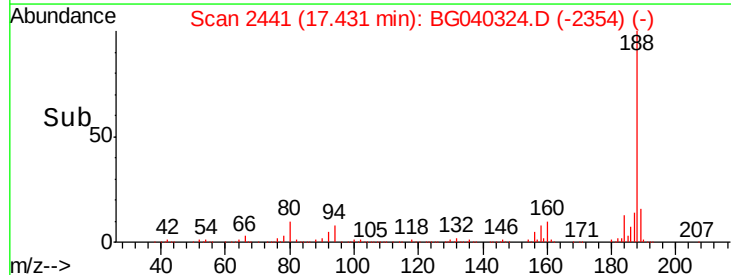
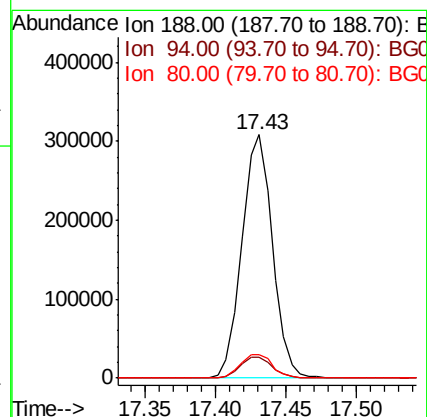
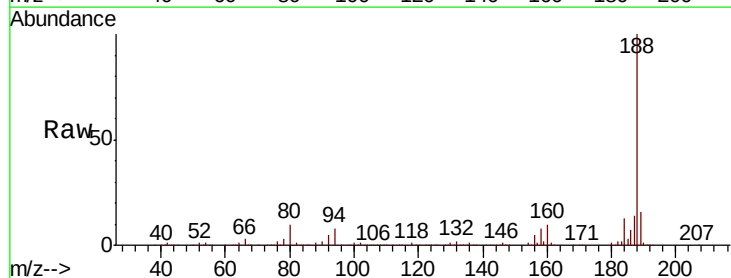
Instrument :
 BNA_F
 ClientSampleId :

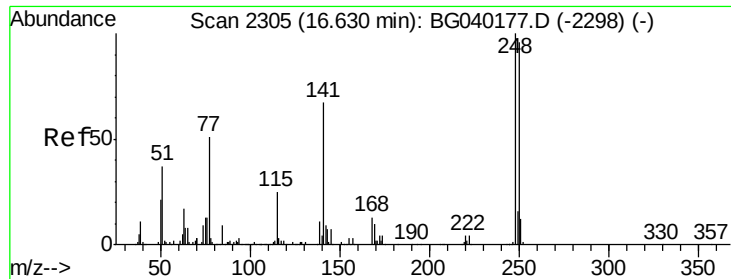
Tot Ion:165	Resp: 23095
Ion Ratio	Lower Upper
165 100	
63 1.7	33.8 50.6#
89 1.5	55.4 83.2#
182 0.0	2.2 3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040324.D
 Acq: 3 Apr 2019 11:27

Tgt Ion	188	Resp: Lower	466547 Upper
	Ratio		
188	100		
94	8.4	7.0	10.4
80	9.6	8.6	13.0

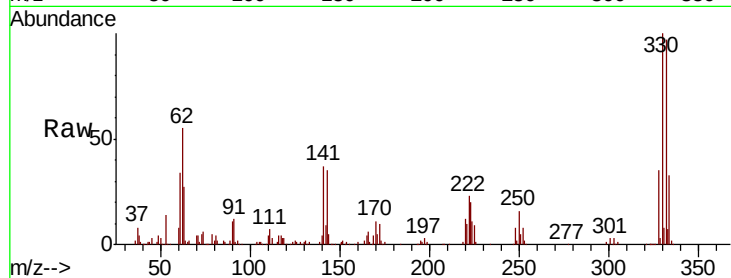




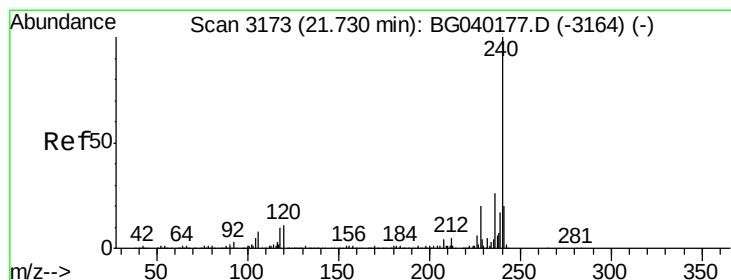
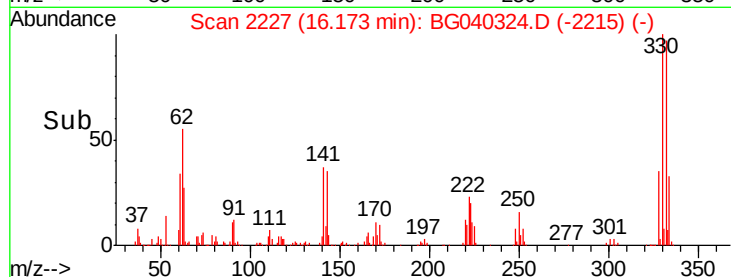
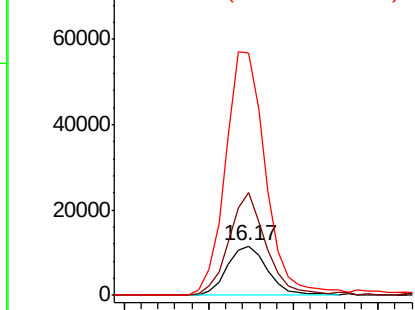
#67
 4-Bromophenyl-phenylether
 Concen: 3.618 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040324.D
 Acq: 3 Apr 2019 11:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 18997
 Ion Ratio Lower Upper
 248 100
 250 208.5 76.4 114.6#
 141 491.6 53.8 80.8#

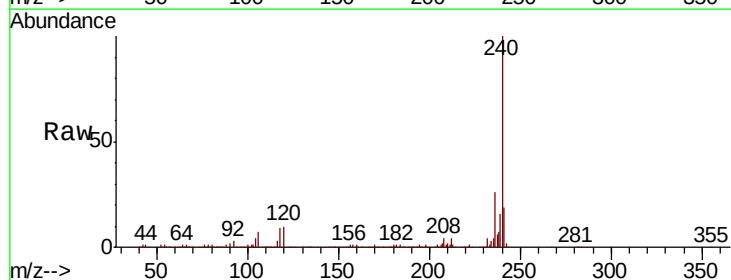


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

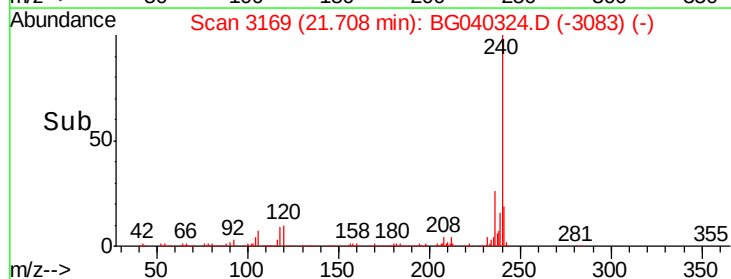
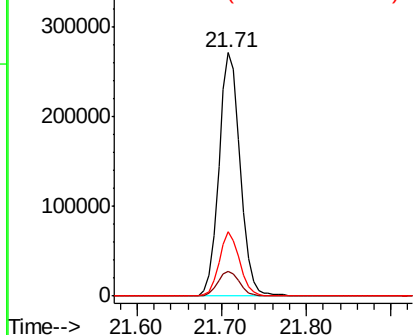


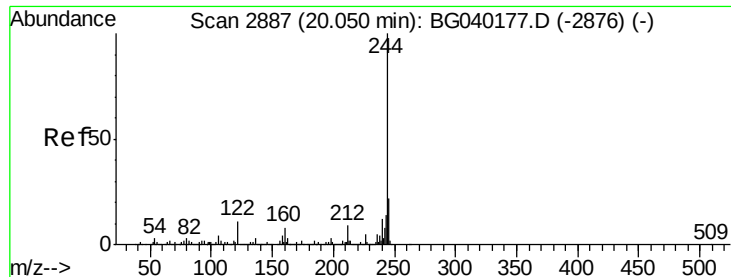
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040324.D
 Acq: 3 Apr 2019 11:27

Tgt Ion:240 Resp: 474590
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.4 12.6
 236 26.4 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.432 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040324.D

Acq: 3 Apr 2019 11:27

Instrument :

BNA_F

ClientSampleId :

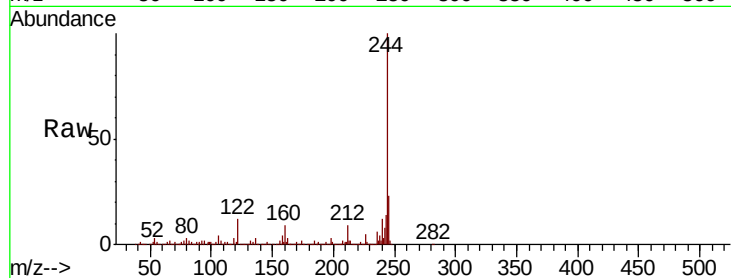
Tot Ion:244 Resp: 1675704

Ion Ratio Lower Upper

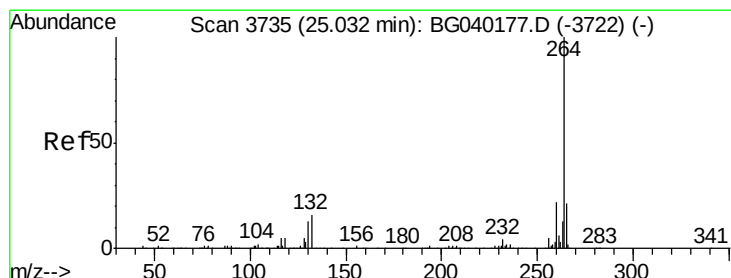
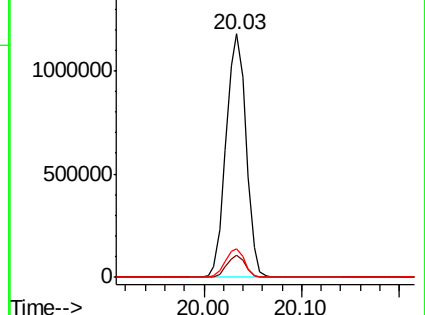
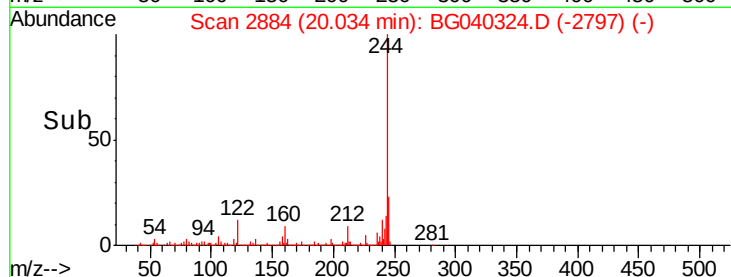
244 100

212 9.3 7.0 10.6

122 11.8 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040324.D

Acq: 3 Apr 2019 11:27

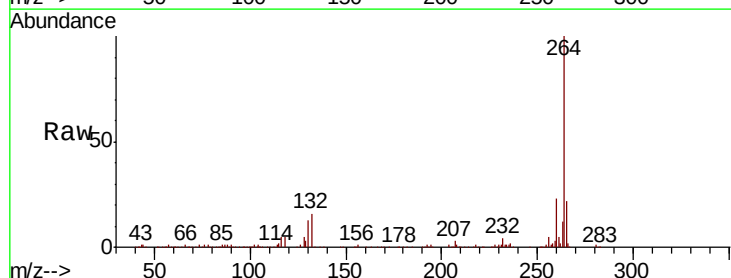
Tgt Ion:264 Resp: 459338

Ion Ratio Lower Upper

264 100

260 22.5 17.9 26.9

265 22.1 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

