

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043476.D
 Acq On : 1 Nov 2019 21:49
 Operator : JU
 Sample : K5620-07 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-26A-S

Quant Time: Nov 22 05:37:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

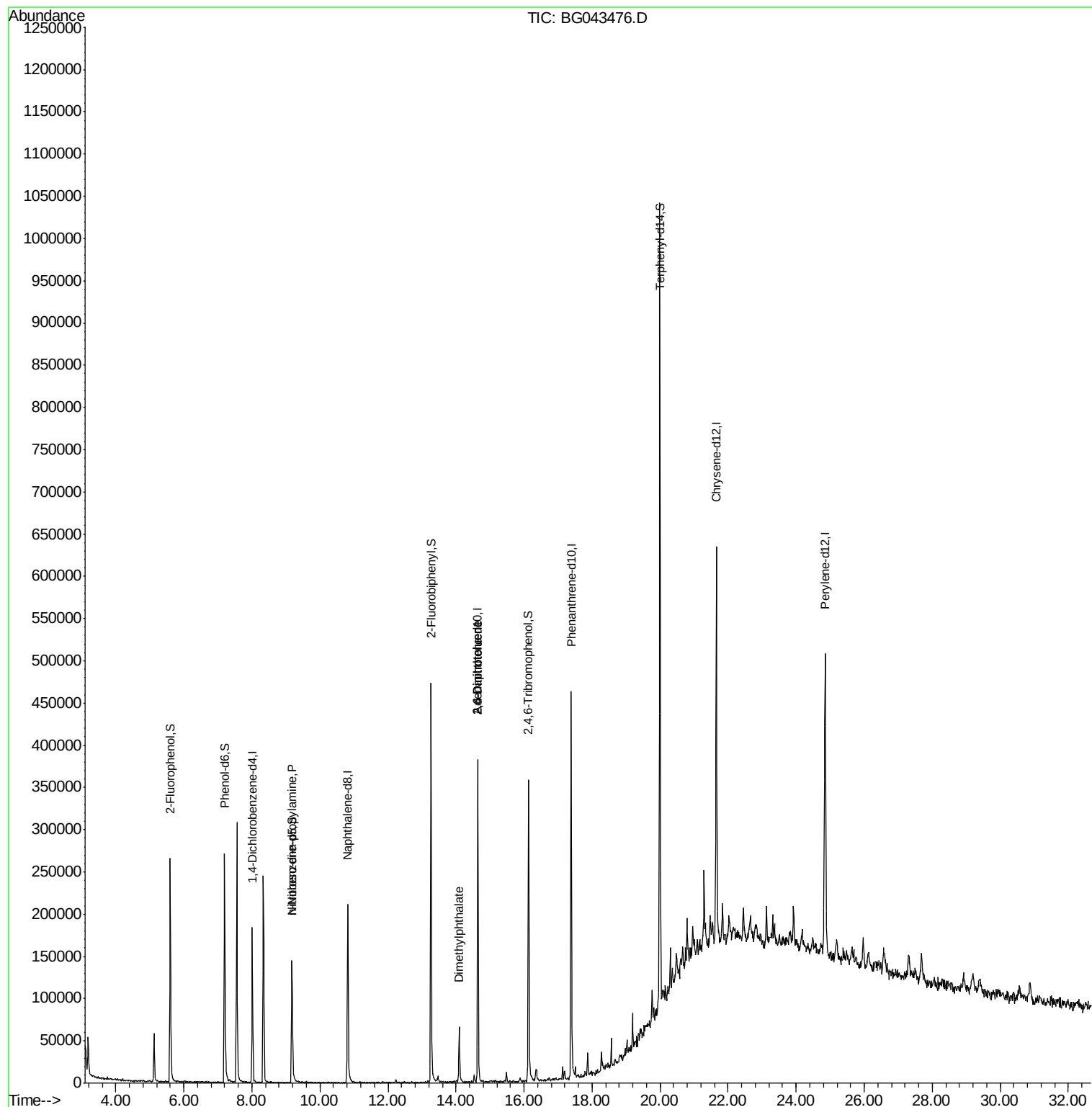
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55412	20.00	ng	0.02
21) Naphthalene-d8	10.82	136	213698	20.00	ng	0.02
39) Acenaphthene-d10	14.64	164	143446	20.00	ng	0.02
64) Phenanthrene-d10	17.39	188	319018	20.00	ng	0.02
76) Chrysene-d12	21.65	240	327663	20.00	ng	0.02
87) Perylene-d12	24.85	264	398193	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	132959	43.97	ng	0.02
7) Phenol-d6	7.20	99	186211	42.80	ng	0.01
23) Nitrobenzene-d5	9.18	82	109030	26.30	ng	0.02
42) 2,4,6-Tribromophenol	16.13	330	97374	35.67	ng	0.02
45) 2-Fluorobiphenyl	13.27	172	299156	28.82	ng	0.02
79) Terphenyl-d14	19.99	244	523034	29.95	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	15830	5.631	ng	# 79
50) Dimethylphthalate	14.10	163	50372	4.534	ng	# 98
51) 2,6-Dinitrotoluene	14.64	165	18915	7.836	ng	# 25
57) 2,4-Dinitrotoluene	14.64	165	18915	5.483	ng	# 25

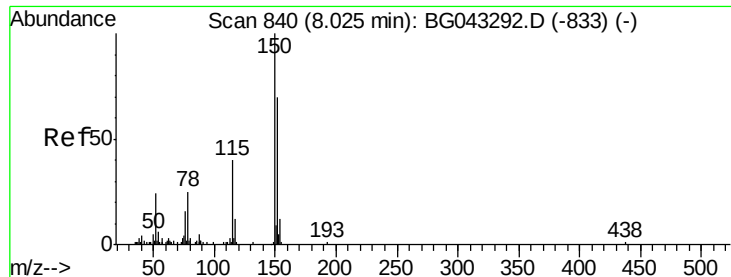
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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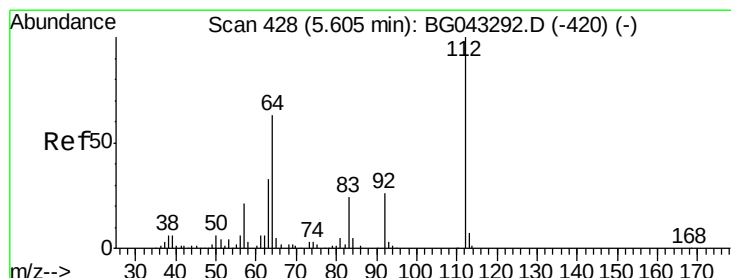
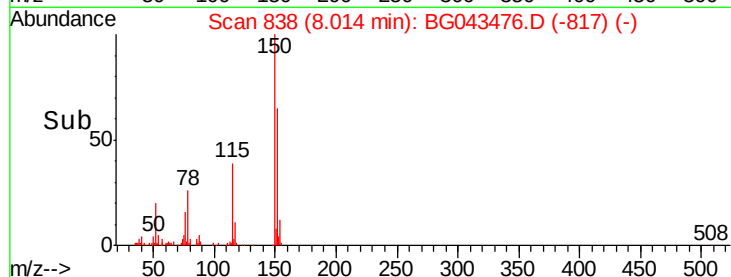
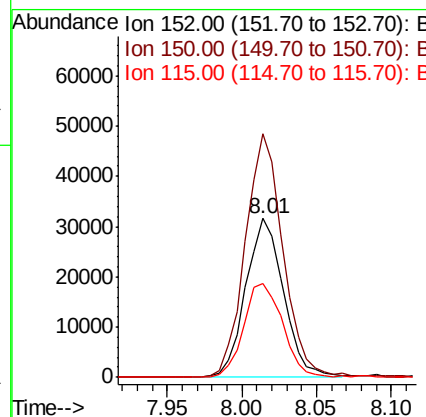
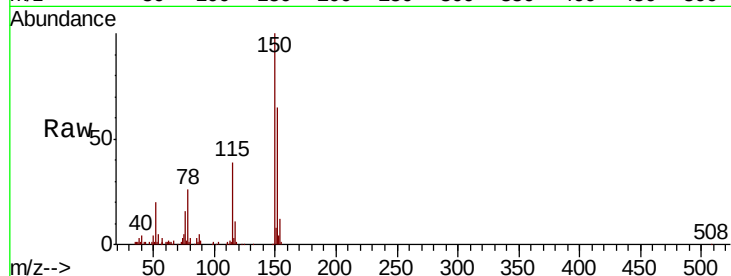


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 838
 Delta R.T. 0.02 min
 Lab File: BG043476.D
 Acq: 1 Nov 2019 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-26A-S

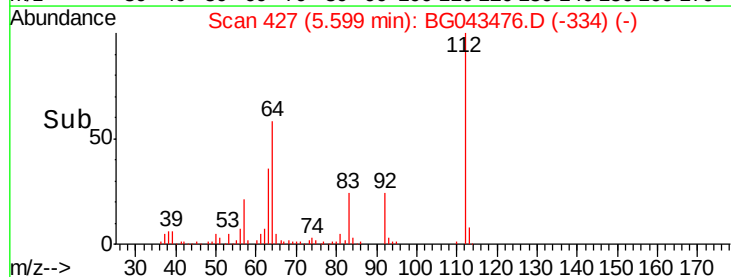
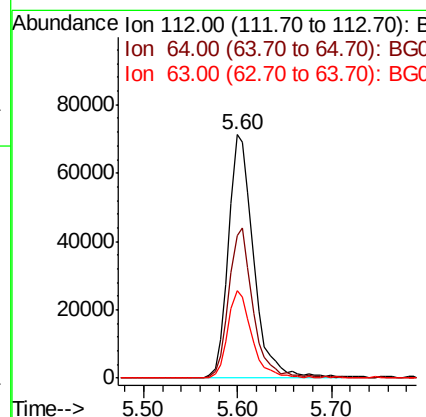
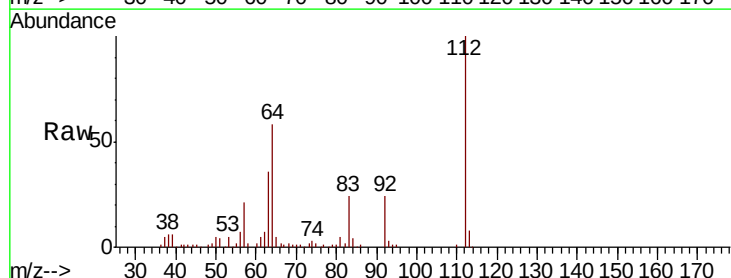
Tot Ion:152 Resp: 55412
 Ion Ratio Lower Upper
 152 100
 150 153.5 116.6 175.0
 115 59.5 40.5 60.7

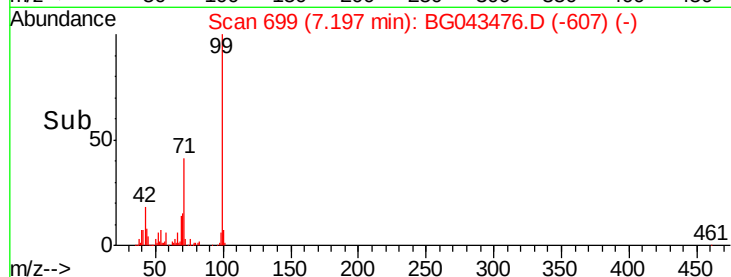
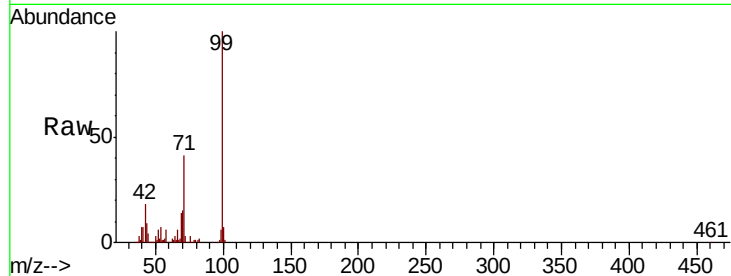
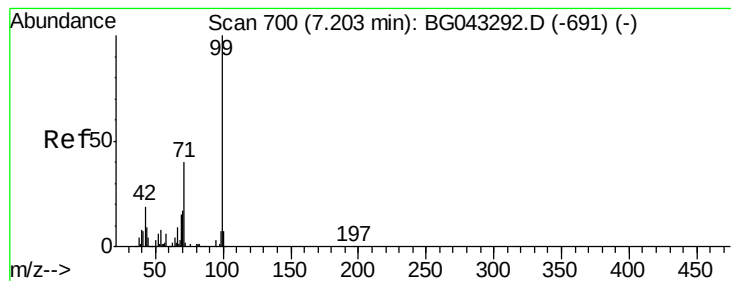


#5

2-Fluorophenol
 Concen: 43.969 ng
 RT: 5.60 min Scan# 427
 Delta R.T. 0.02 min
 Lab File: BG043476.D
 Acq: 1 Nov 2019 21:49

Tgt Ion:112 Resp: 132959
 Ion Ratio Lower Upper
 112 100
 64 58.3 50.6 75.8
 63 35.8 30.5 45.7





#7

Phenol-d6

Concen: 42.800 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG043476.D

Acq: 1 Nov 2019 21:49

Instrument :

BNA_G

ClientSampleId :

TP-26A-S

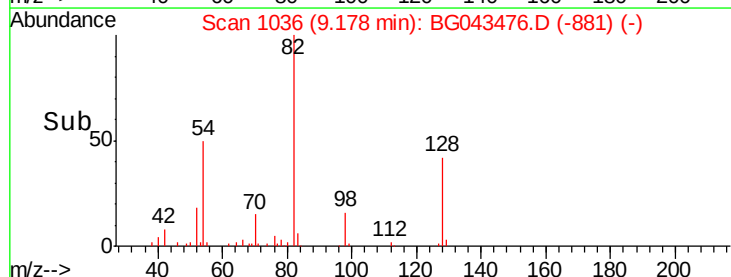
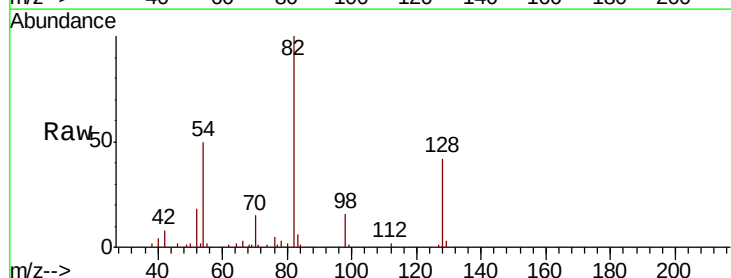
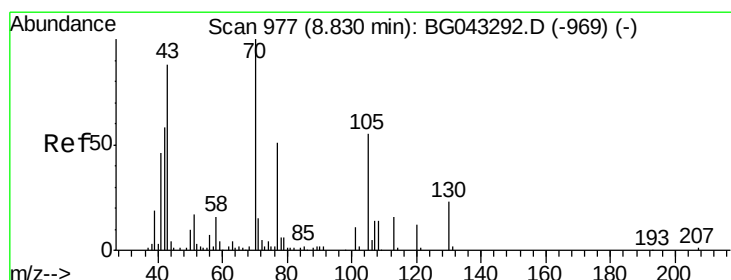
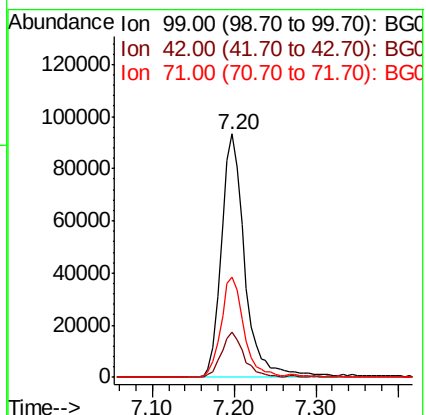
Tot Ion: 99 Resp: 186211

Ion Ratio Lower Upper

99 100

42 18.3 15.8 23.8

71 41.4 34.4 51.6



#19

n-Nitroso-di-n-propylamine

Concen: 5.631 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.38 min

Lab File: BG043476.D

Acq: 1 Nov 2019 21:49

Tgt Ion: 70 Resp: 15830

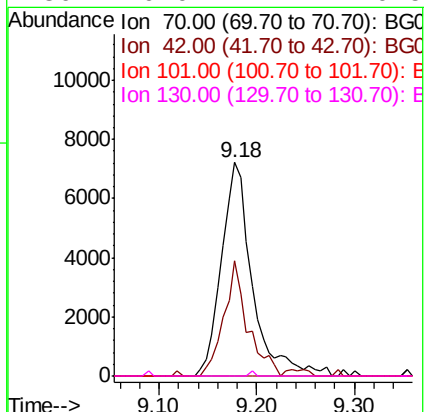
Ion Ratio Lower Upper

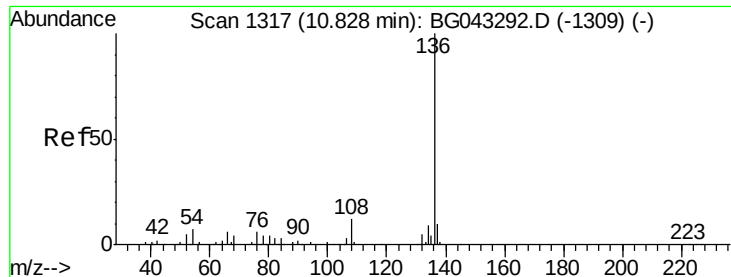
70 100

42 54.0 49.7 74.5

101 0.0 9.7 14.5#

130 0.0 17.7 26.5#

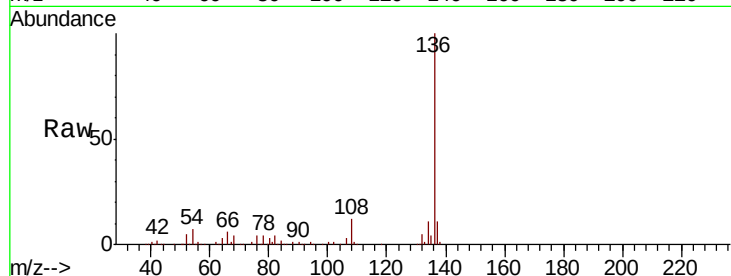




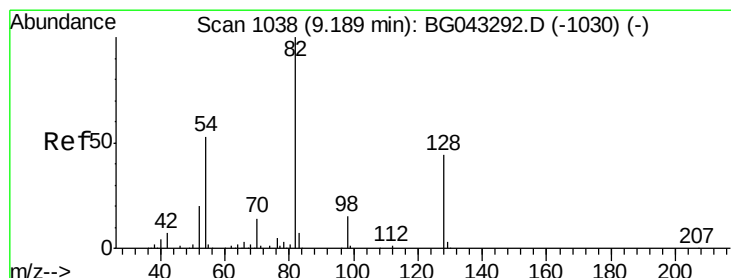
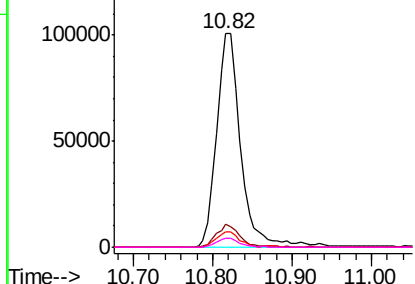
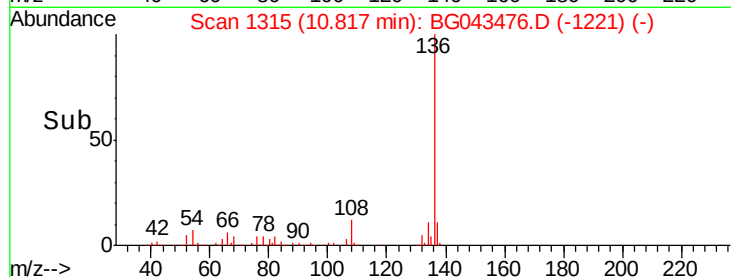
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BG043476.D
Acq: 1 Nov 2019 21:49

Instrument :
BNA_G
ClientSampleId :
TP-26A-S

Tot Ion:136	Resp:	213698	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 7.4	6.2	9.2	
68 4.0	3.4	5.0	

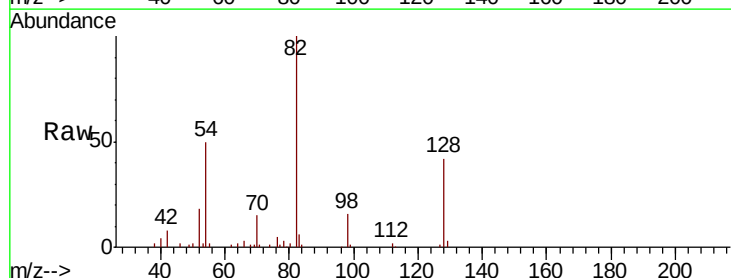


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

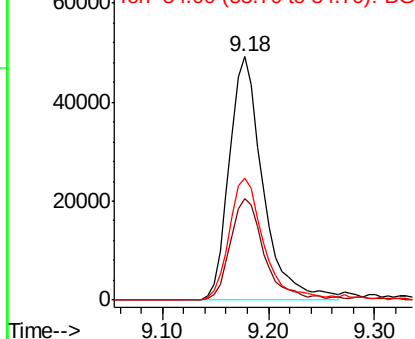
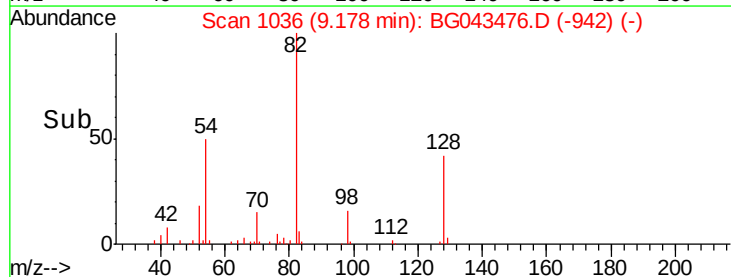


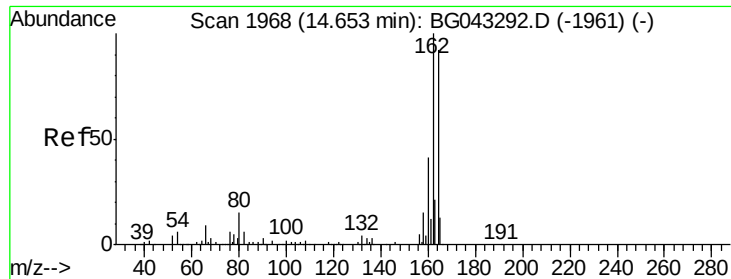
#23
Nitrobenzene-d5
Concen: 26.303 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BG043476.D
Acq: 1 Nov 2019 21:49

Tgt Ion: 82	Resp: 109030
Ion Ratio	Lower Upper
82 100	
128 42.0	34.2 51.4
54 50.0	44.7 67.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.02 min

Lab File: BG043476.D

Acq: 1 Nov 2019 21:49

Instrument :

BNA_G

ClientSampleId :

TP-26A-S

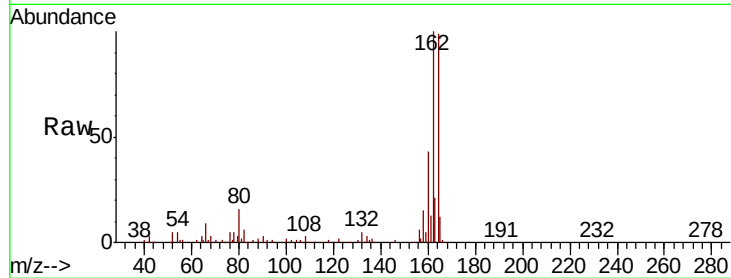
Tot Ion:164 Resp: 143446

Ion Ratio Lower Upper

164 100

162 101.3 79.4 119.2

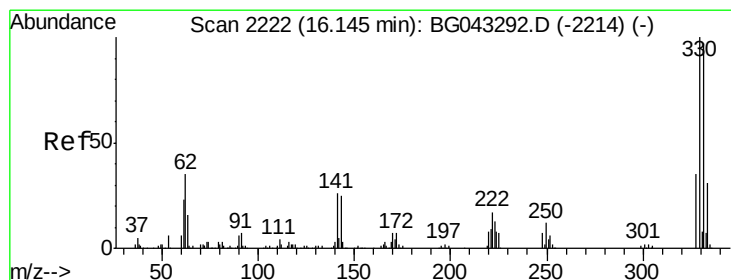
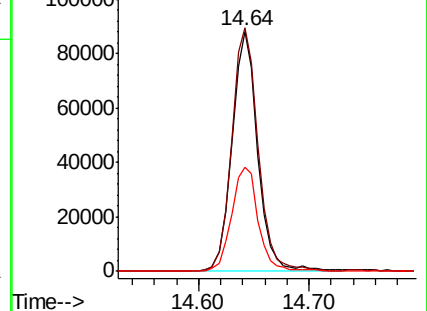
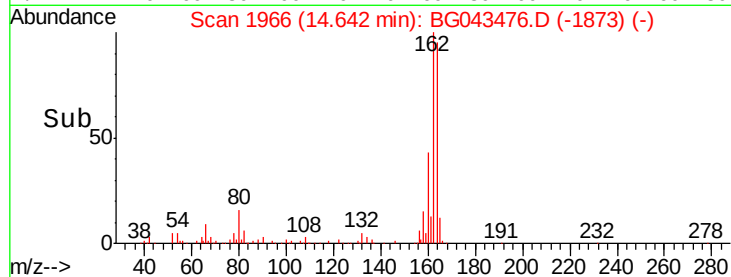
160 43.3 36.3 54.5



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: 35.671 ng

RT: 16.13 min Scan# 2220

Delta R.T. 0.02 min

Lab File: BG043476.D

Acq: 1 Nov 2019 21:49

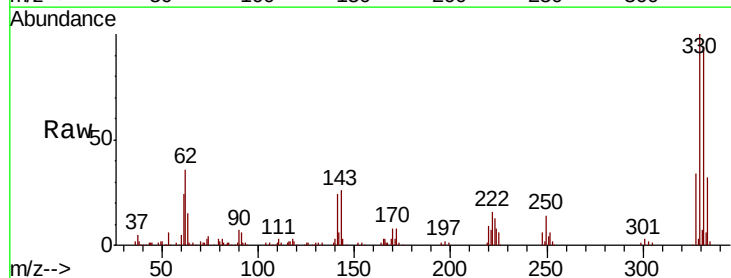
Tgt Ion:330 Resp: 97374

Ion Ratio Lower Upper

330 100

332 99.1 76.6 115.0

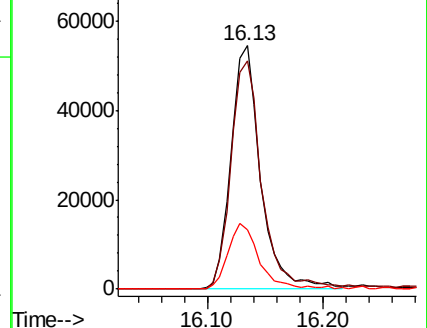
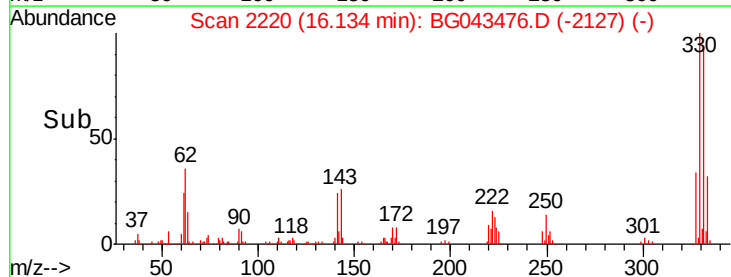
141 27.4 23.4 35.2

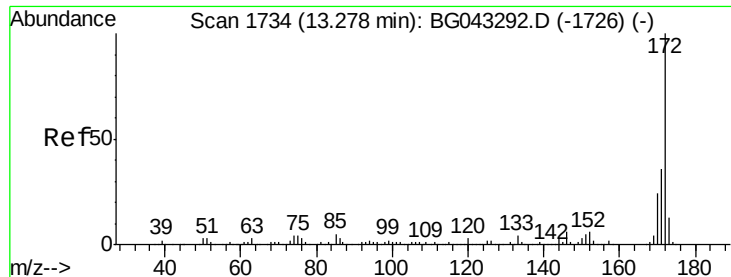


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

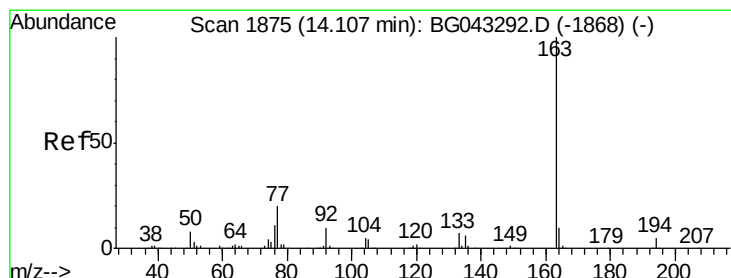
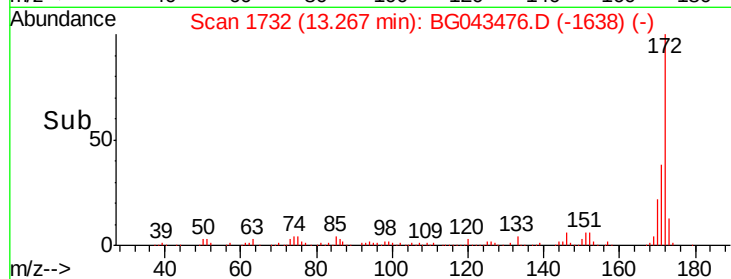
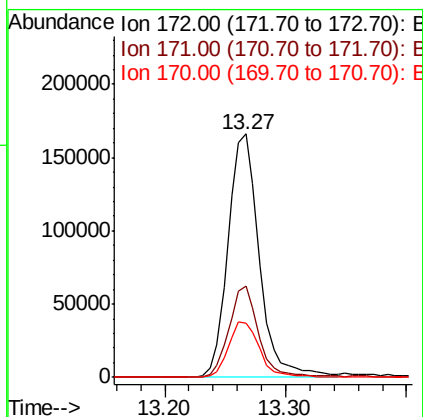
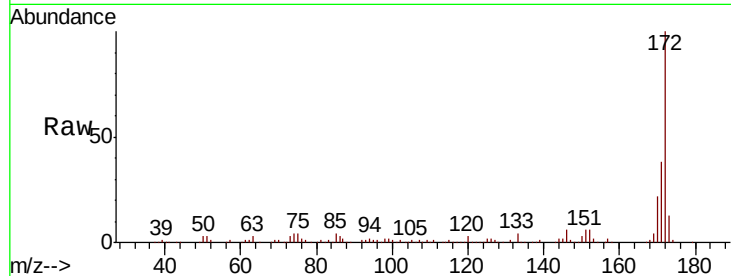




#45
 2-Fluorobiphenyl
 Concen: 28.817 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. 0.02 min
 Lab File: BG043476.D
 Acq: 1 Nov 2019 21:49

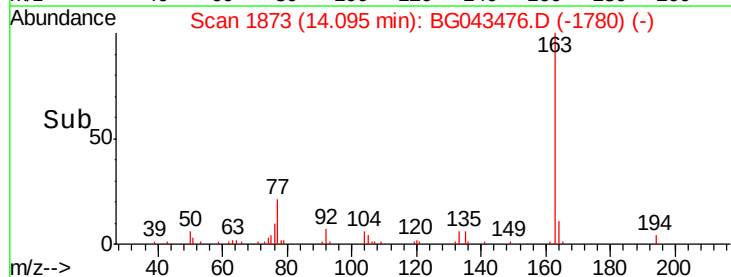
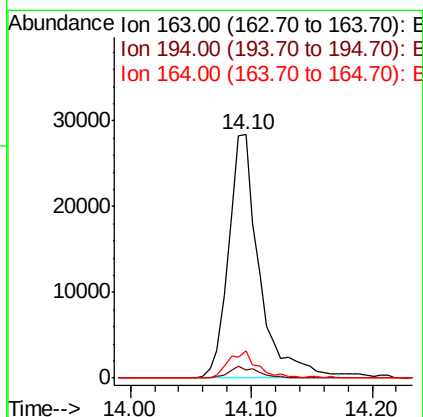
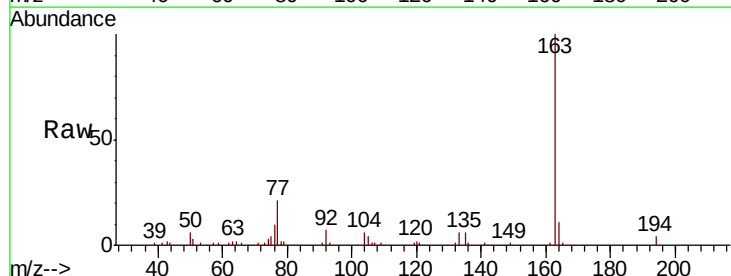
Instrument :
 BNA_G
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 TP-26A-S

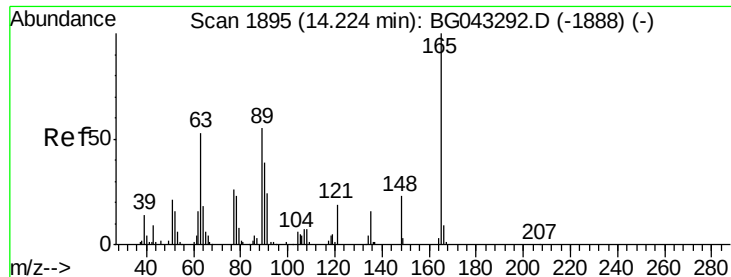
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.1	42.1
170	22.0	18.8	28.2



#50
 Dimethylphthalate
 Concen: 4.534 ng
 RT: 14.10 min Scan# 1873
 Delta R.T. 0.02 min
 Lab File: BG043476.D
 Acq: 1 Nov 2019 21:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.8	5.8#
164	11.0	8.5	12.7

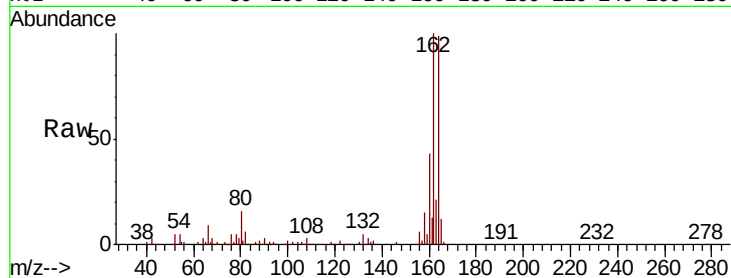




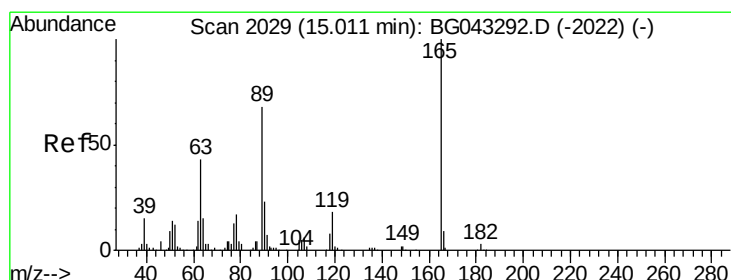
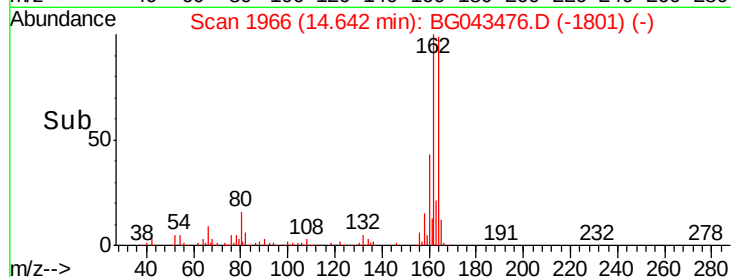
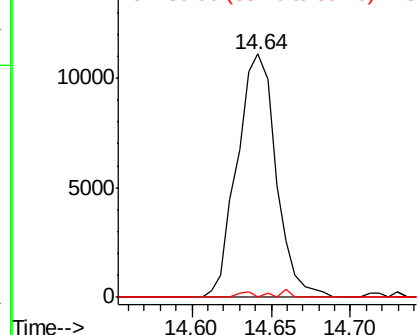
#51
2,6-Dinitrotoluene
Concen: 7.836 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.44 min
Lab File: BG043476.D
Acq: 1 Nov 2019 21:49

Instrument :
BNA_G
ClientSampleId :
TP-26A-S

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.6#
89	0.0	39.8	59.8#



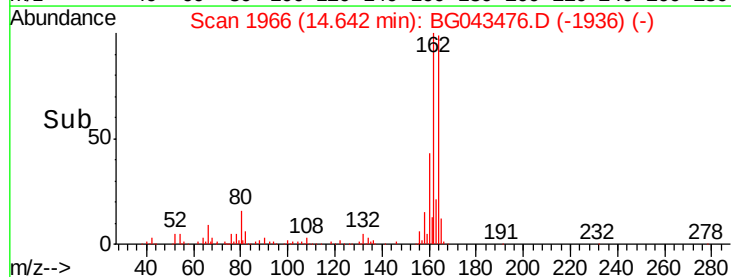
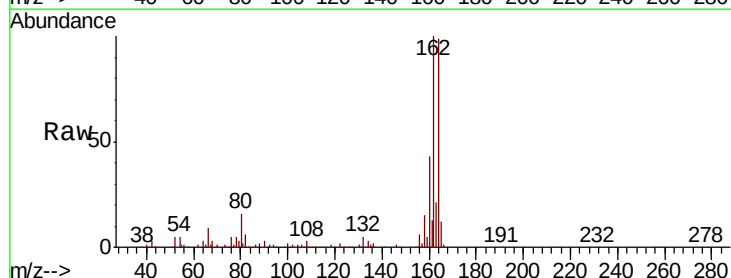
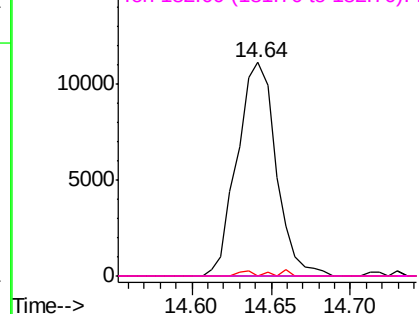
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

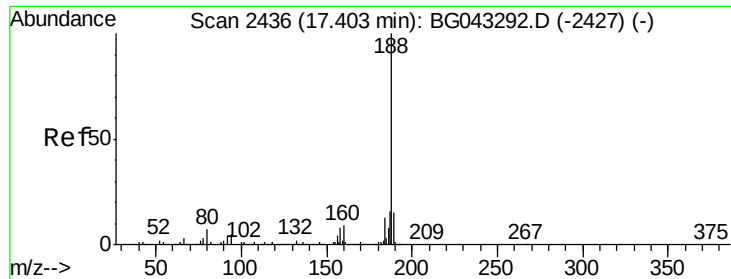


#57
2,4-Dinitrotoluene
Concen: 5.483 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.35 min
Lab File: BG043476.D
Acq: 1 Nov 2019 21:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
89	0.0	50.9	76.3#
182	0.0	2.3	3.5#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

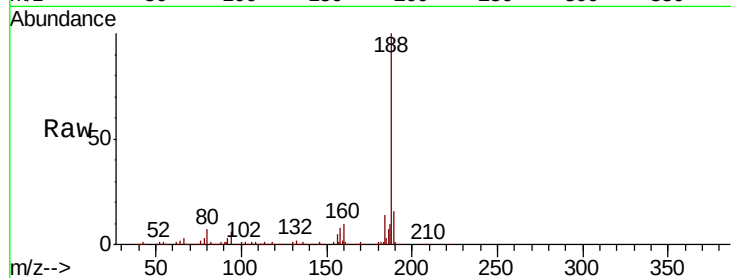




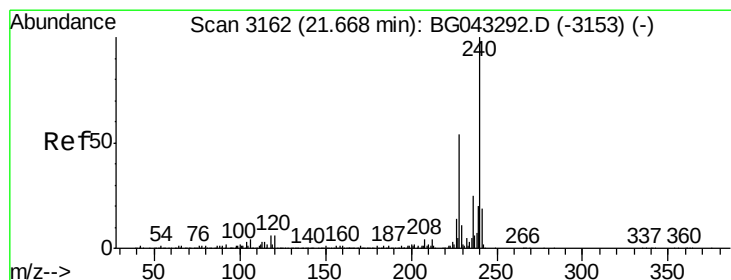
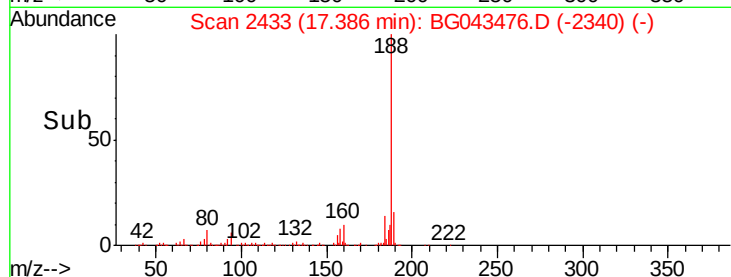
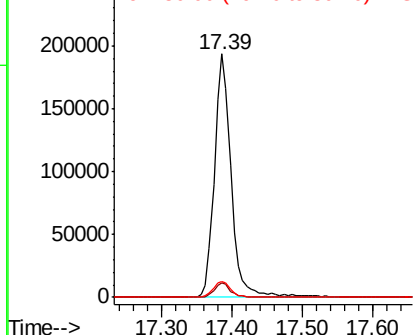
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2433
Delta R.T. 0.02 min
Lab File: BG043476.D
Acq: 1 Nov 2019 21:49

Instrument :
BNA_G
ClientSampled :
TP-26A-S

Tot Ion:188 Resp: 319018
Ion Ratio Lower Upper
188 100
94 5.8 4.6 7.0
80 6.6 5.2 7.8

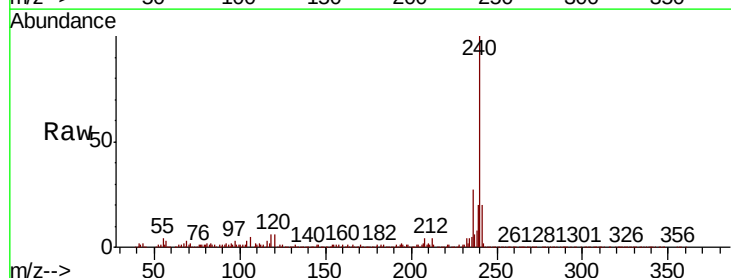


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

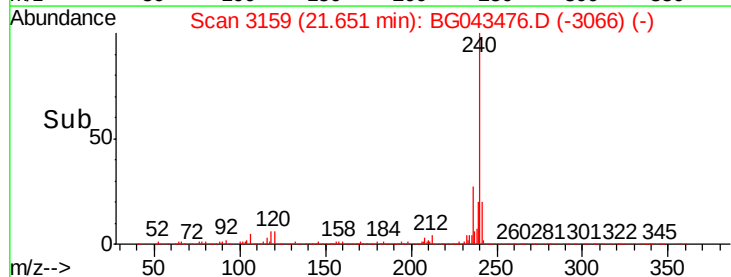
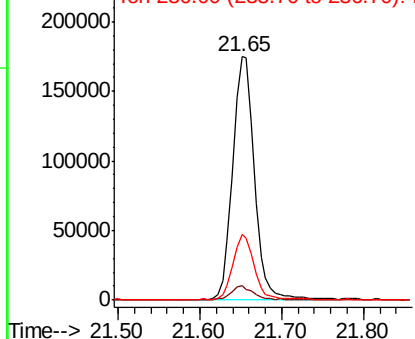


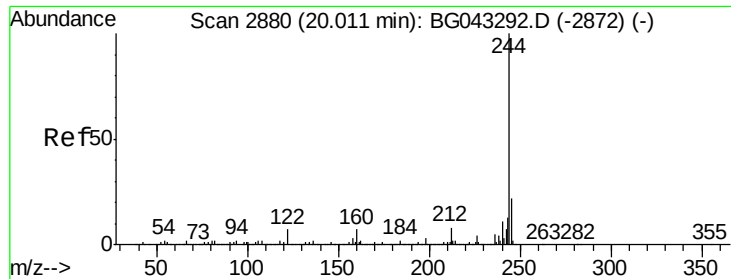
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. 0.02 min
Lab File: BG043476.D
Acq: 1 Nov 2019 21:49

Tgt Ion:240 Resp: 327663
Ion Ratio Lower Upper
240 100
120 5.9 4.9 7.3
236 26.8 21.4 32.0



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

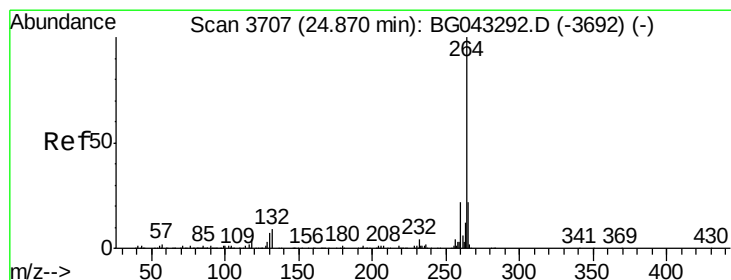
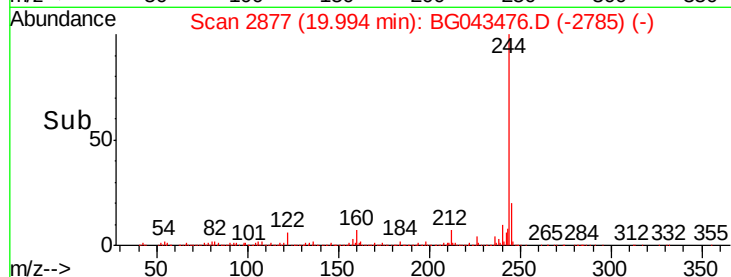
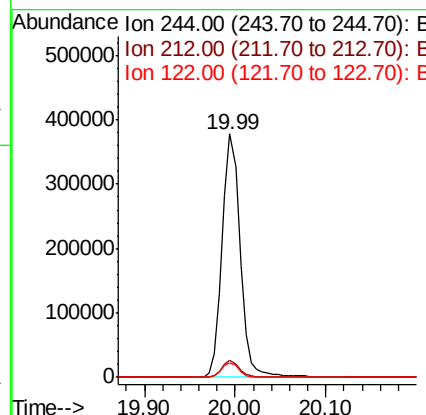
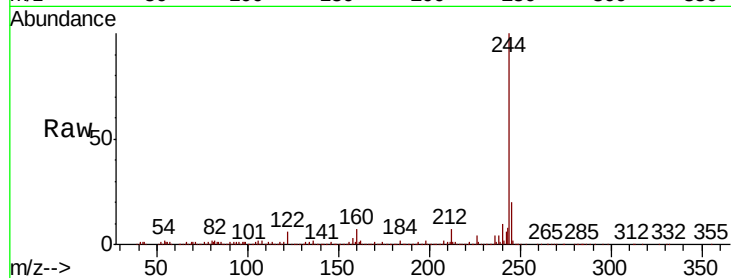




#79
 Terphenyl-d14
 Concen: 29.947 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. 0.01 min
 Lab File: BG043476.D
 Acq: 1 Nov 2019 21:49

Instrument :
 BNA_G
 ClientSampleId :
 TP-26A-S

Tot Ion:244	Resp:	523034
Ion	Ratio	Lower Upper
244	100	
212	6.9	5.6 8.4
122	6.2	5.2 7.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3703
 Delta R.T. 0.04 min
 Lab File: BG043476.D
 Acq: 1 Nov 2019 21:49

Tgt Ion:264	Resp:	398193
Ion	Ratio	Lower Upper
264	100	
260	22.6	18.4 27.6
265	20.6	15.8 23.8

