

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
 Data File : BG043328.D
 Acq On : 24 Oct 2019 13:04
 Operator : JU
 Sample : PB124226BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BL

Quant Time: Oct 24 14:23:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

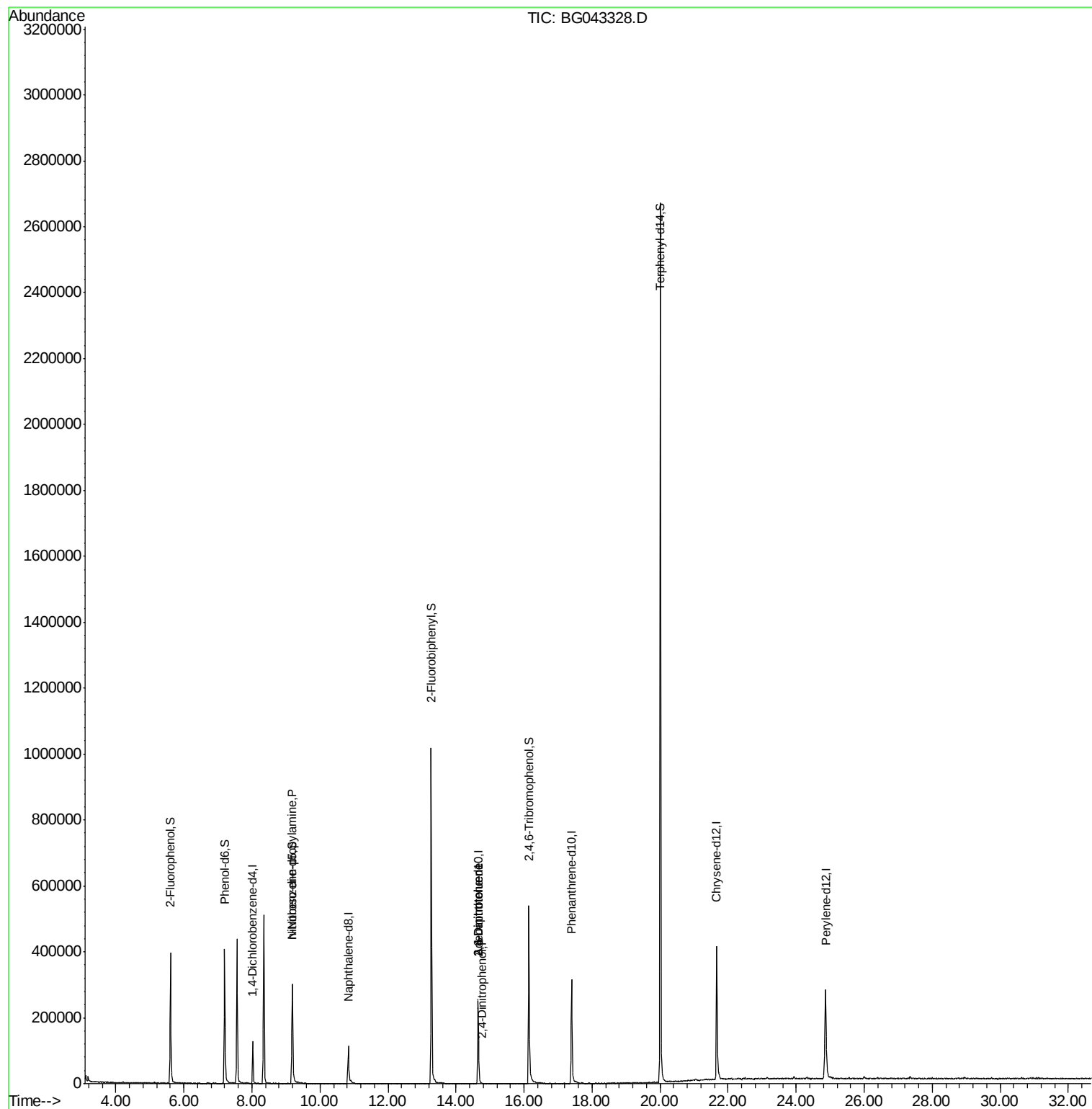
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38574	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	125961	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	101437	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	254155	20.00	ng	0.00
76) Chrysene-d12	21.66	240	306607	20.00	ng	0.00
87) Perylene-d12	24.86	264	352587	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	186733	88.71	ng	0.00
7) Phenol-d6	7.20	99	266650	88.04	ng	0.00
23) Nitrobenzene-d5	9.19	82	224821	92.02	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	153859	79.71	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	629616	85.77	ng	0.00
79) Terphenyl-d14	20.00	244	1426847	87.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	30542	15.606	ng	# 75
51) 2,6-Dinitrotoluene	14.65	165	13904	8.146	ng	# 25
54) 2,4-Dinitrophenol	14.78	184	63	7.336	ng	# 20
57) 2,4-Dinitrotoluene	14.65	165	13904	5.700	ng	# 26

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

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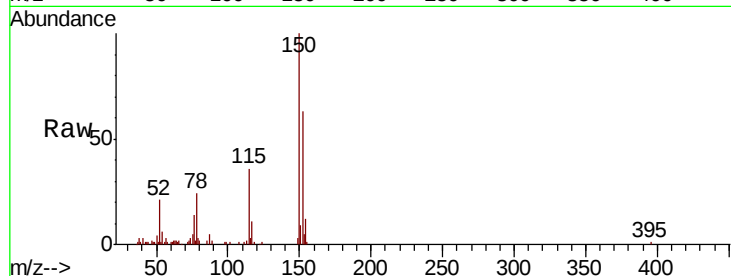


#1

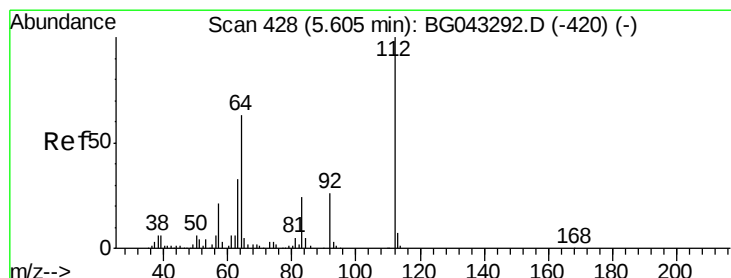
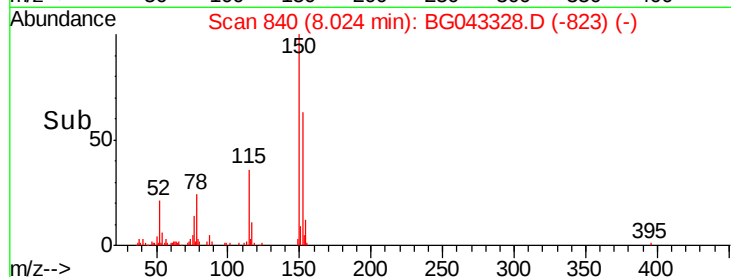
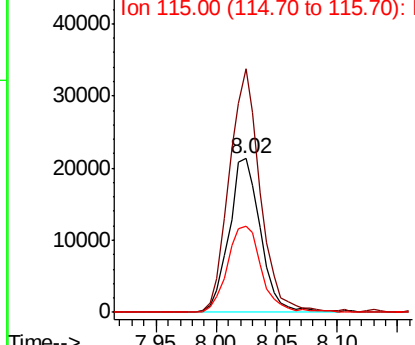
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043328.D
Acq: 24 Oct 2019 13:04

Instrument :
BNA_G
ClientSampleId :
PB124226BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	113.6	170.4
115	56.3	45.9	68.9



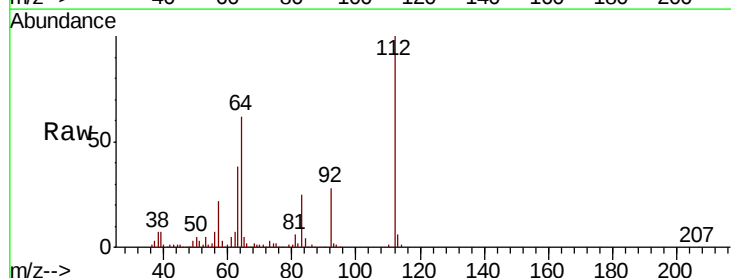
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



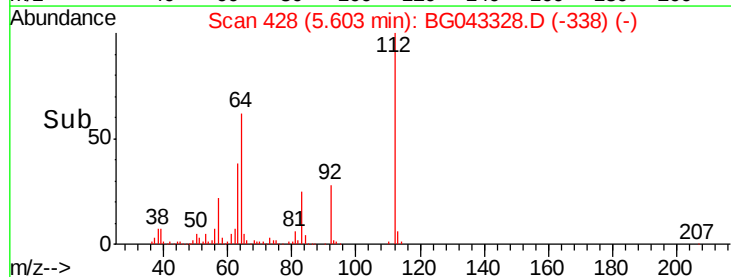
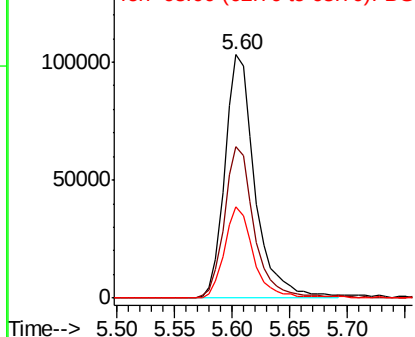
#5

2-Fluorophenol
Concen: 88.707 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043328.D
Acq: 24 Oct 2019 13:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	50.2	75.2
63	37.6	26.7	40.1



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: 88.042 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

Instrument :

BNA_G

ClientSampleId :

PB124226BL

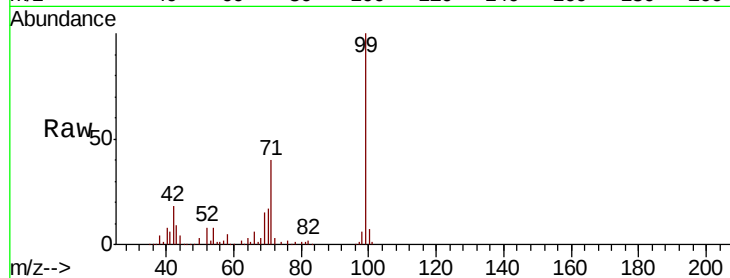
Tot Ion: 99 Resp: 266650

Ion Ratio Lower Upper

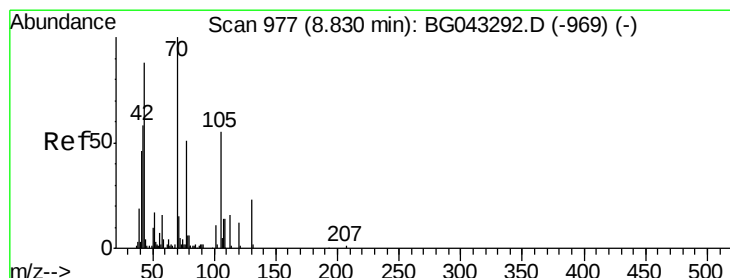
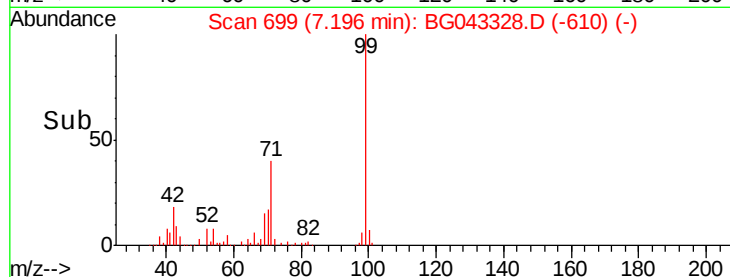
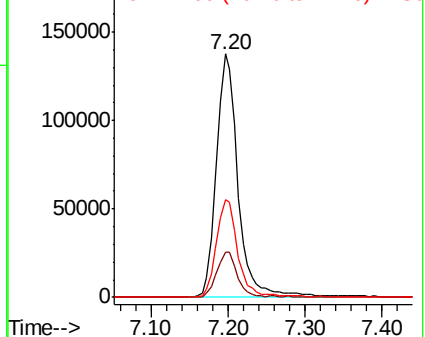
99 100

42 18.3 14.9 22.3

71 40.3 32.2 48.2



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: 15.606 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.35 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

Tgt Ion: 70 Resp: 30542

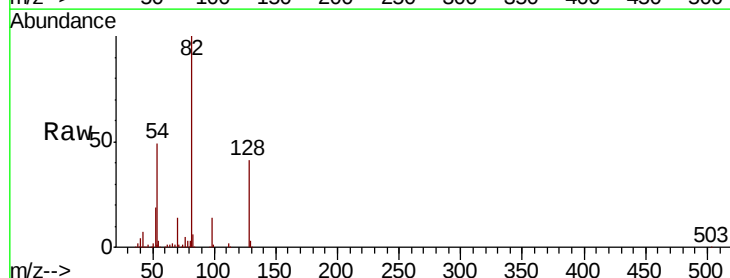
Ion Ratio Lower Upper

70 100

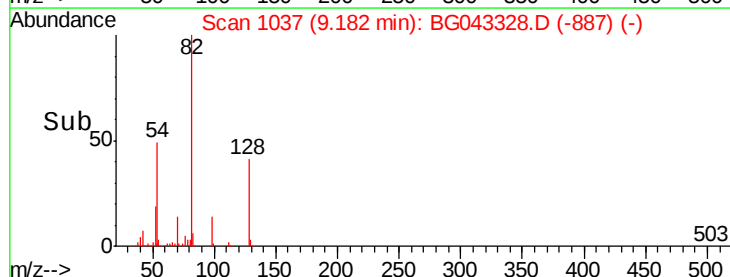
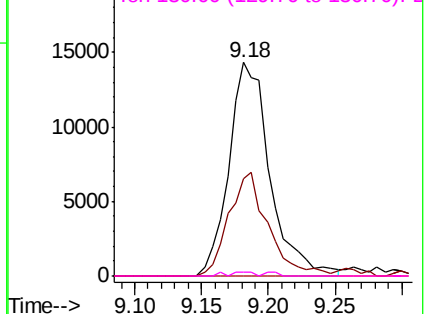
42 45.4 46.2 69.2#

101 0.0 8.6 13.0#

130 1.7 18.6 27.8#



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

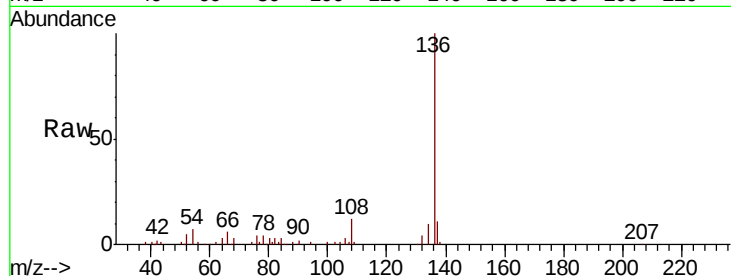




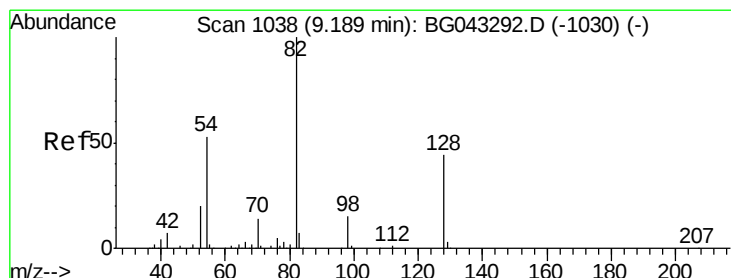
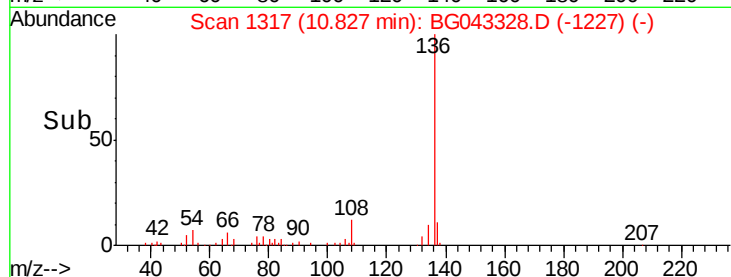
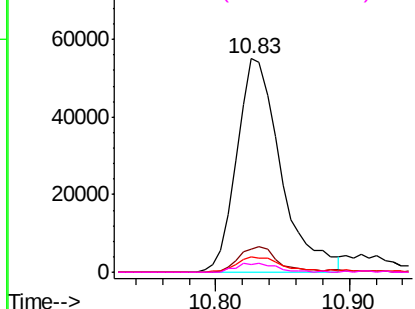
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043328.D
Acq: 24 Oct 2019 13:04

Instrument :
BNA_G
ClientSampleId :
PB124226BL

Tot Ion:136	Resp:	125961
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.2 12.2
54	7.0	5.4 8.2
68	3.3	3.3 4.9

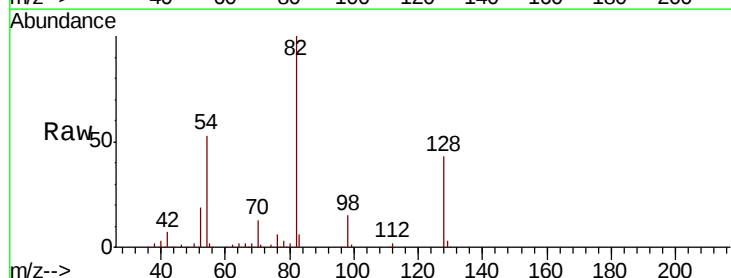


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

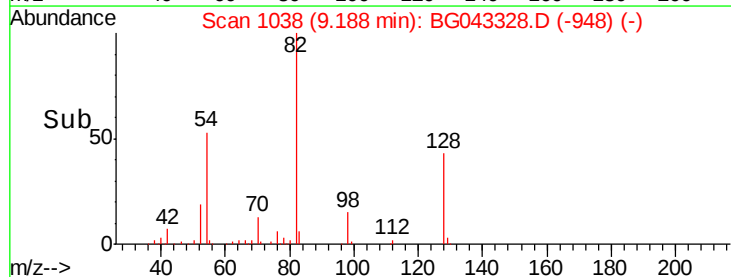
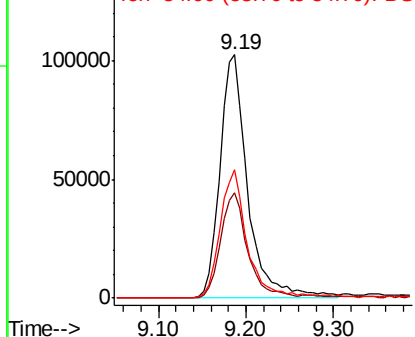


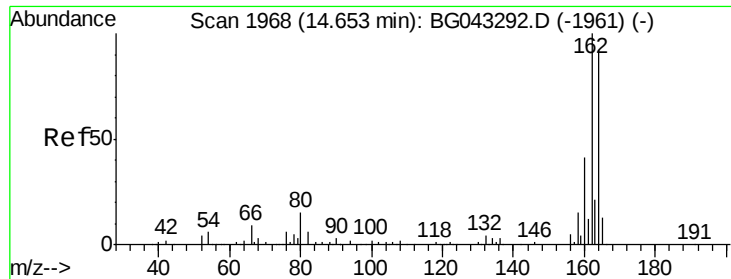
#23
Nitrobenzene-d5
Concen: 92.017 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043328.D
Acq: 24 Oct 2019 13:04

Tgt Ion: 82	Resp:	224821
Ion	Ratio	Lower Upper
82	100	
128	43.0	35.3 52.9
54	52.7	42.3 63.5



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

Instrument :

BNA_G

ClientSampleId :

PB124226BL

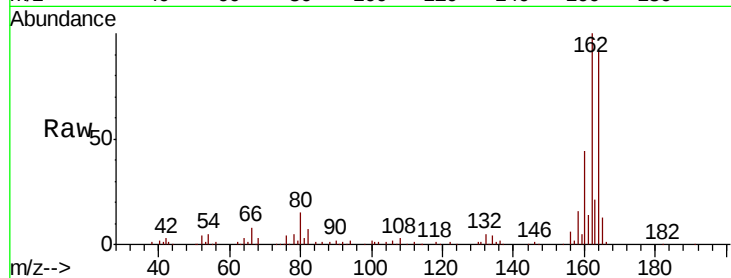
Tot Ion:164 Resp: 101437

Ion Ratio Lower Upper

164 100

162 108.4 87.0 130.4

160 47.7 35.5 53.3

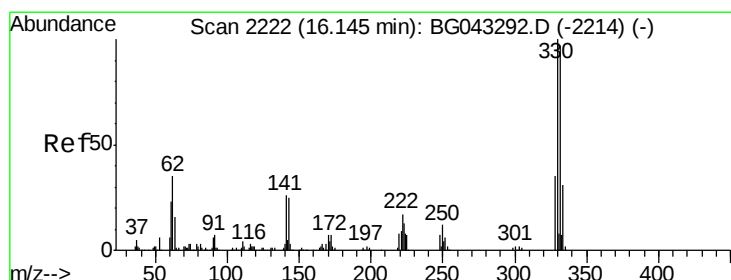
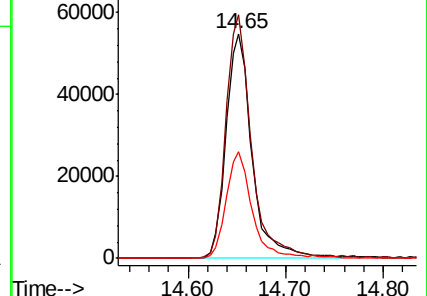
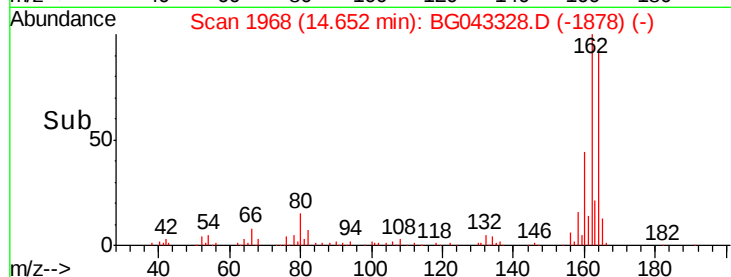


Abundance

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: 79.705 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

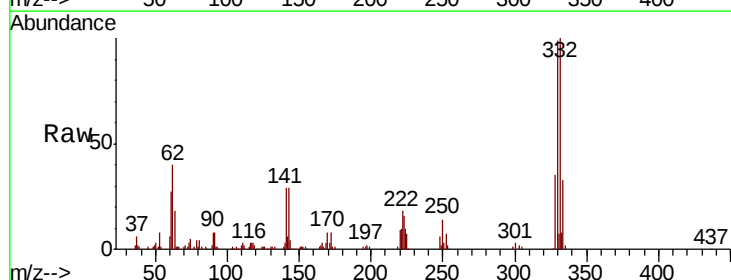
Tgt Ion:330 Resp: 153859

Ion Ratio Lower Upper

330 100

332 99.7 76.4 114.6

141 29.0 21.4 32.0

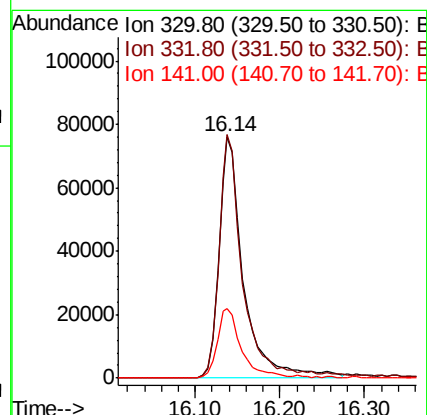
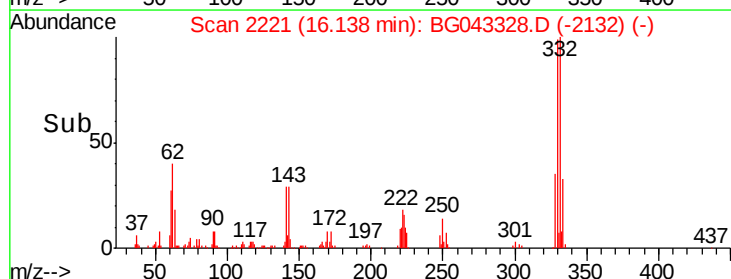


Abundance

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

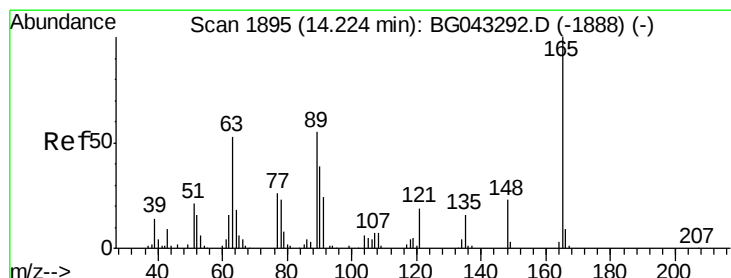
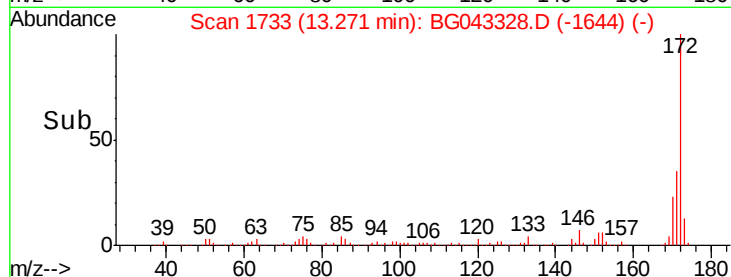
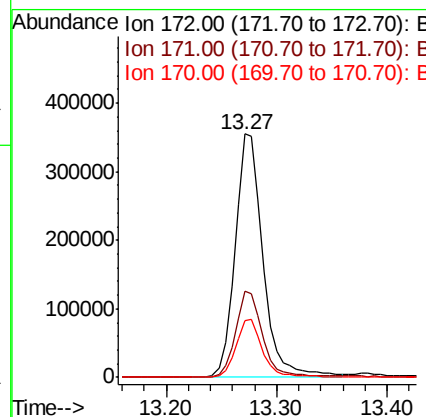
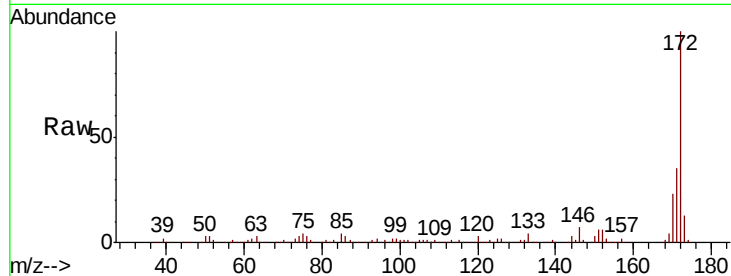




#45
 2-Fluorobiphenyl
 Concen: 85.768 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043328.D
 Acq: 24 Oct 2019 13:04

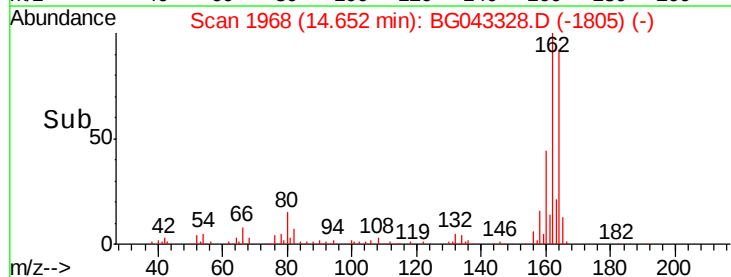
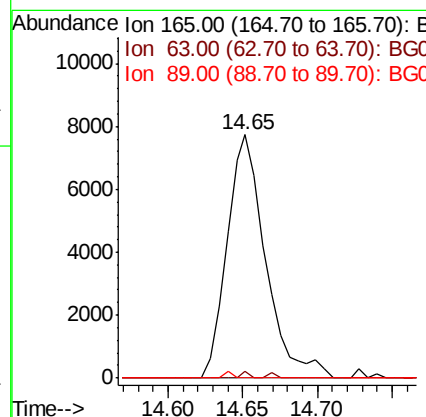
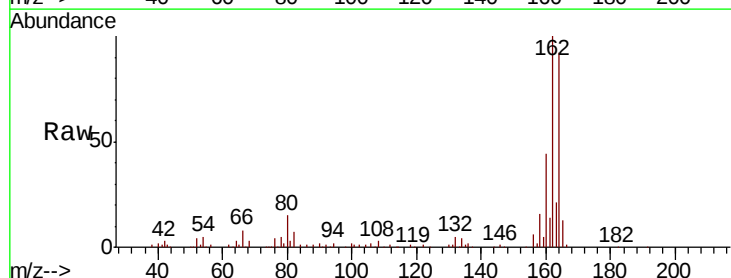
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 PB124226BL

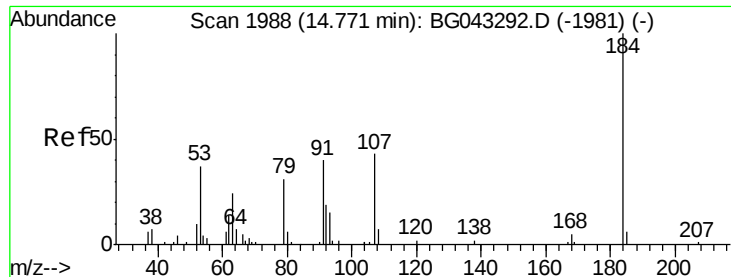
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.1	18.8	28.2



#51
 2,6-Dinitrotoluene
 Concen: 8.146 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.43 min
 Lab File: BG043328.D
 Acq: 24 Oct 2019 13:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.8	47.1	70.7#
89	0.0	43.7	65.5#

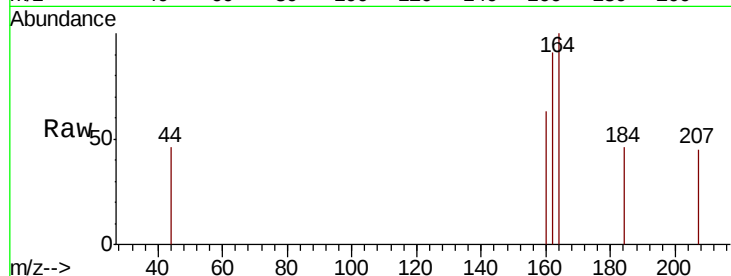




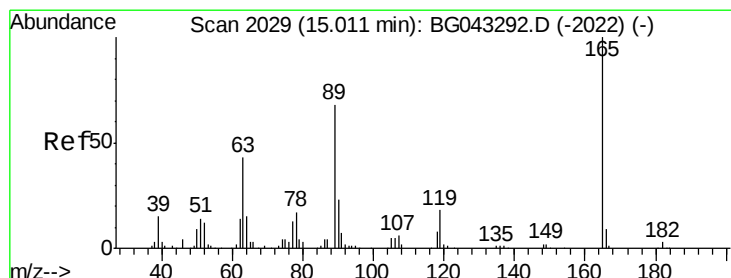
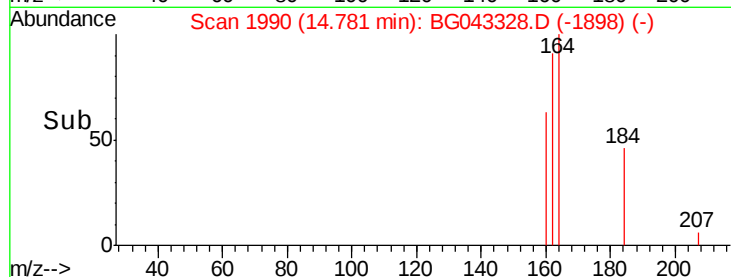
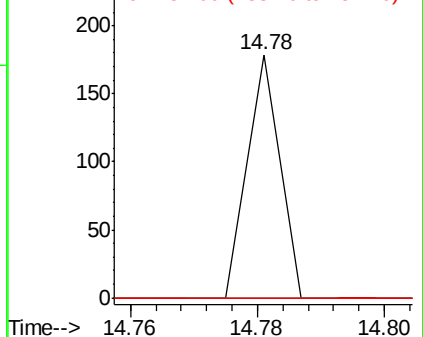
#54
 2,4-Dinitrophenol
 Concen: 7.336 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BG043328.D
 Acq: 24 Oct 2019 13:04

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BL

Tot Ion:184 Resp: 63
 Ion Ratio Lower Upper
 184 100
 63 0.0 48.8 73.2#
 154 0.0 49.4 74.0#

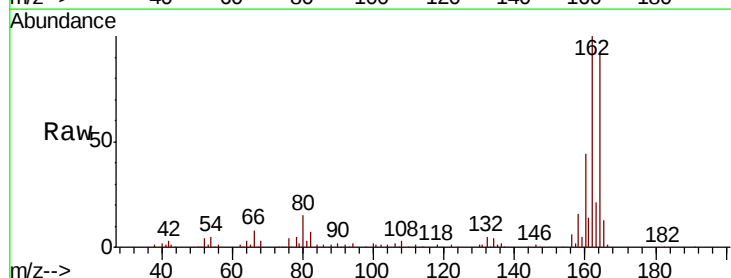


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

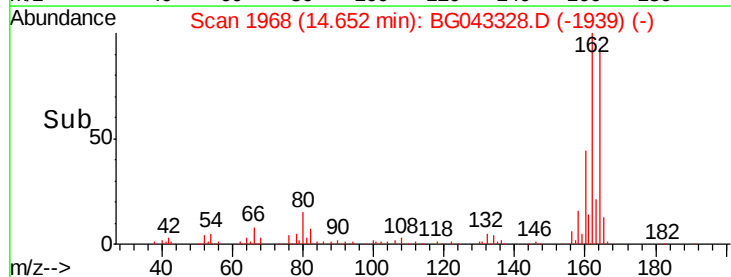
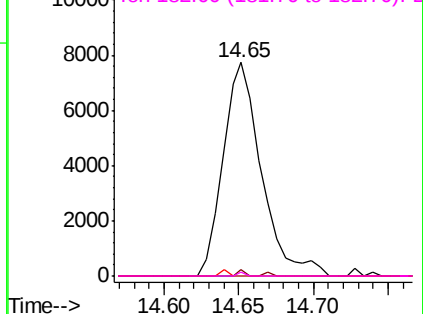


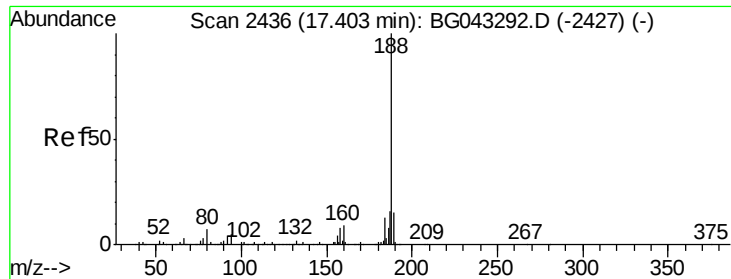
#57
 2,4-Dinitrotoluene
 Concen: 5.700 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.36 min
 Lab File: BG043328.D
 Acq: 24 Oct 2019 13:04

Tgt Ion:165 Resp: 13904
 Ion Ratio Lower Upper
 165 100
 63 2.8 35.0 52.6#
 89 0.0 54.1 81.1#
 182 2.1 2.2 3.2#



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

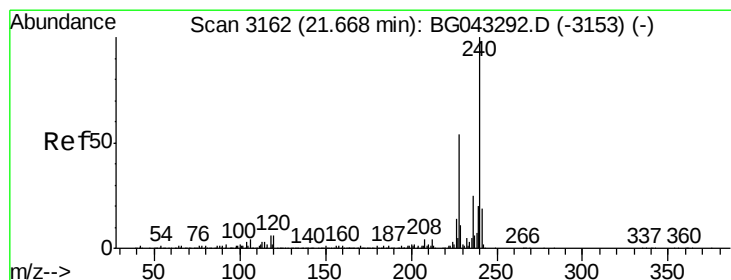
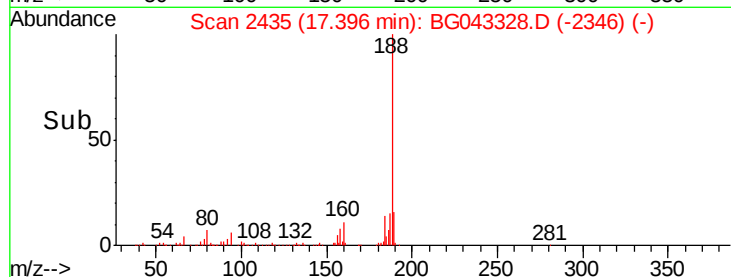
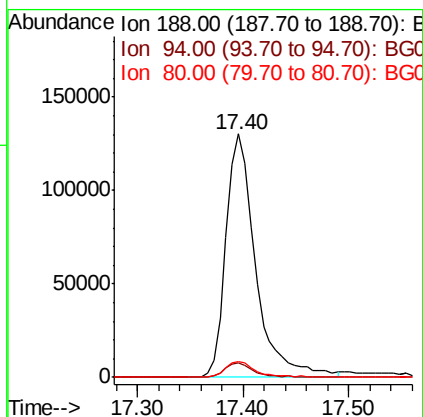
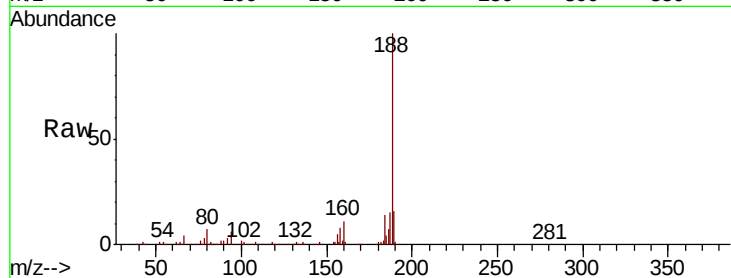




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043328.D
Acq: 24 Oct 2019 13:04

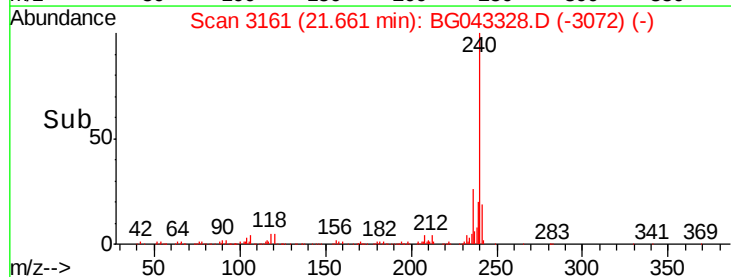
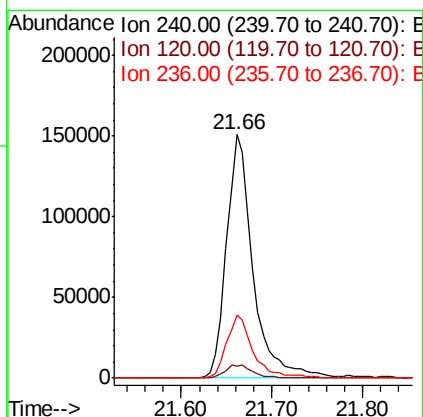
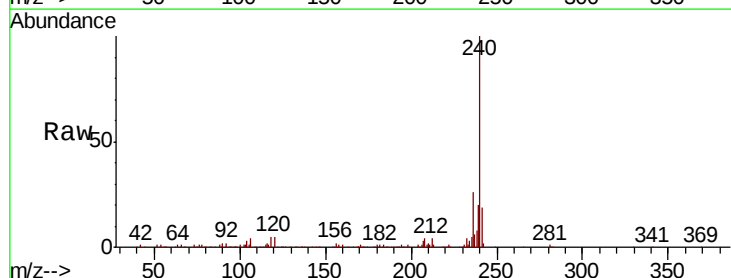
Instrument :
BNA_G
ClientSampleId :
PB124226BL

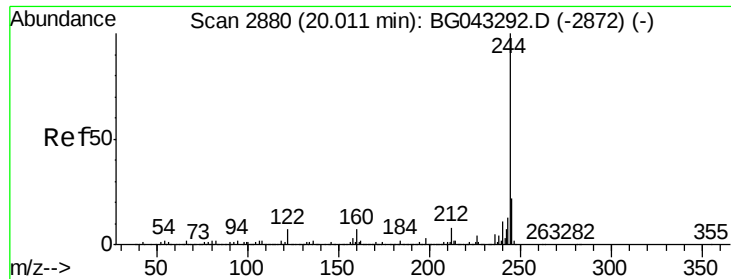
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.2
80	6.7	5.2	7.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043328.D
Acq: 24 Oct 2019 13:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	7.0
236	25.7	20.2	30.4





#79

Terphenyl-d14

Concen: 87.305 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

Instrument :

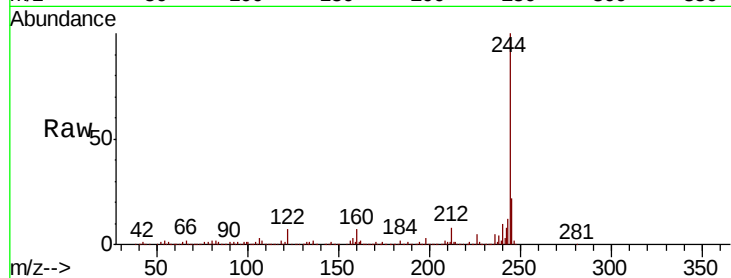
BNA_G

ClientSampleId :

PB124226BL

Tot Ion:244 Resp: 1426847

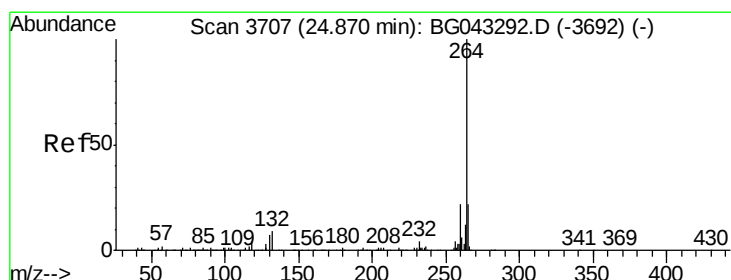
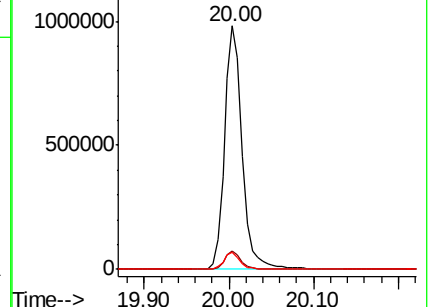
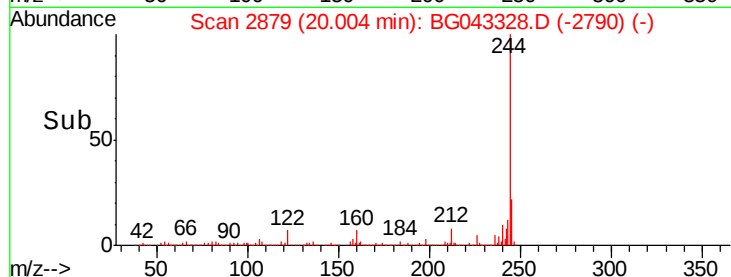
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	7.1	5.3	7.9



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: 24.86 min Scan# 3705

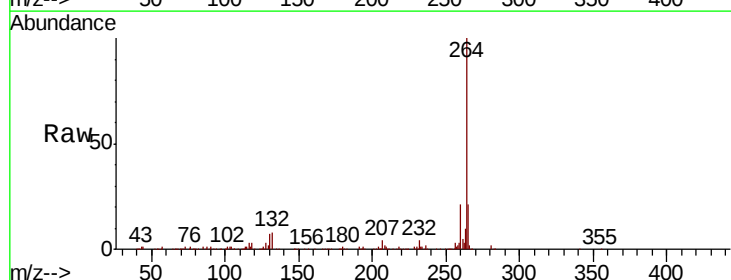
Delta R.T. -0.01 min

Lab File: BG043328.D

Acq: 24 Oct 2019 13:04

Tgt Ion:264 Resp: 352587

Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.9	26.9
265	21.1	17.4	26.2



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

