

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043515.D
 Acq On : 5 Nov 2019 19:46
 Operator : JU
 Sample : K5603-02RX
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 00:47:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

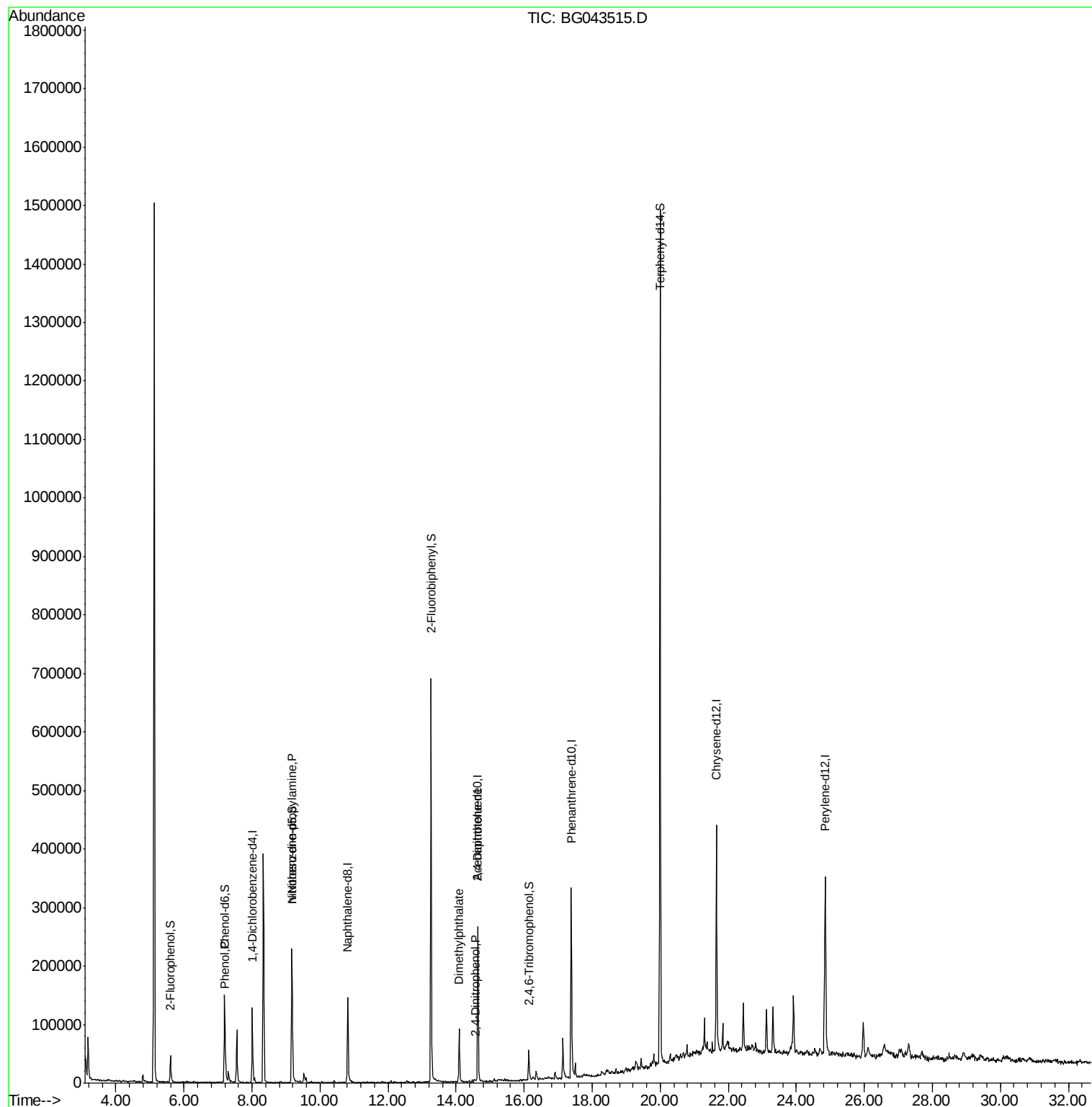
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	40139	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	146819	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	103558	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	234744	20.00	ng	0.00
76) Chrysene-d12	21.65	240	253469	20.00	ng	0.00
87) Perylene-d12	24.85	264	300926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	24744	11.30	ng	0.00
7) Phenol-d6	7.19	99	105139	33.36	ng	0.00
23) Nitrobenzene-d5	9.17	82	167058	58.66	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	16219	8.23	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	413448	55.17	ng	0.00
79) Terphenyl-d14	20.00	244	778393	57.61	ng	0.00
Target Compounds						
10) Phenol	7.22	94	8034	2.790	ng	# 76
19) n-Nitroso-di-n-propylamine	9.17	70	22503	11.050	ng	# 78
50) Dimethylphthalate	14.09	163	68895	8.589	ng	98
54) 2,4-Dinitrophenol	14.59	184	54	7.328	ng	# 23
57) 2,4-Dinitrotoluene	14.64	165	13782	5.534	ng	# 28

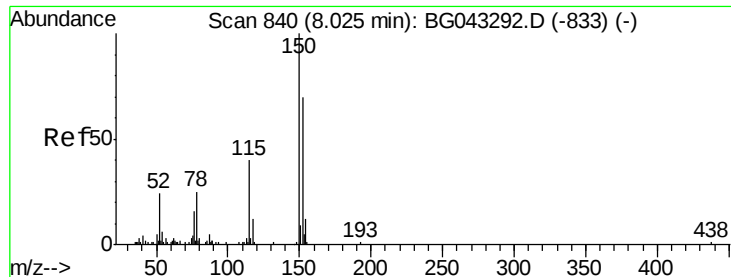
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



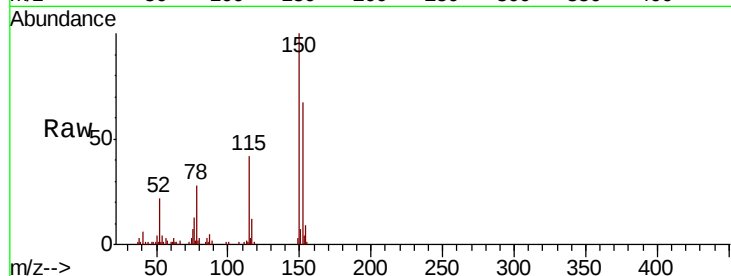


#1

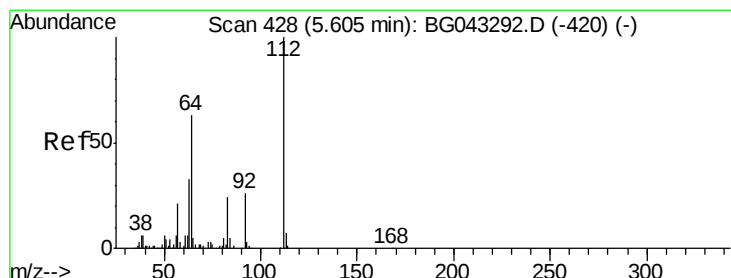
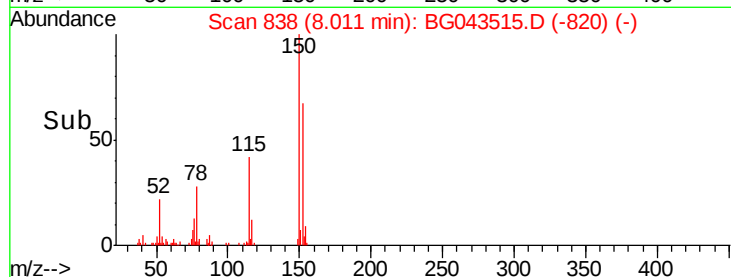
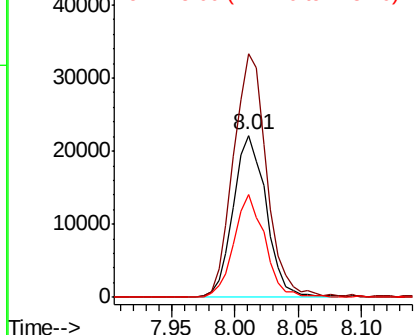
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40139
Ion Ratio Lower Upper
152 100
150 150.1 129.4 194.0
115 63.4 48.8 73.2



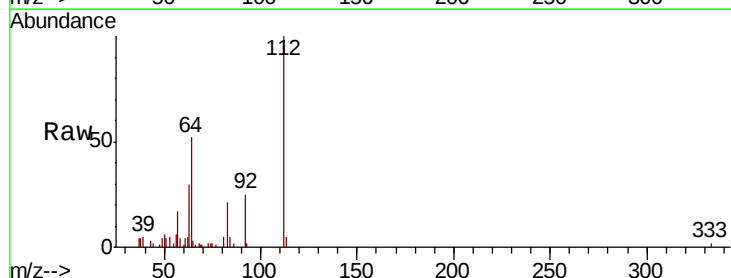
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



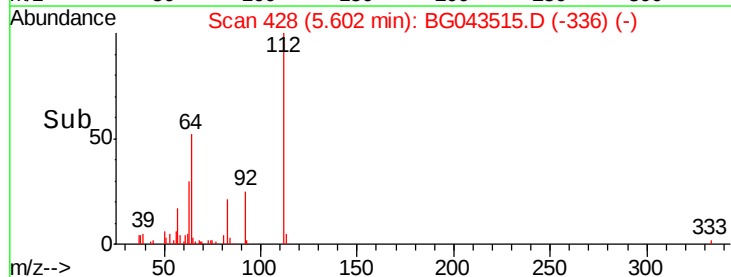
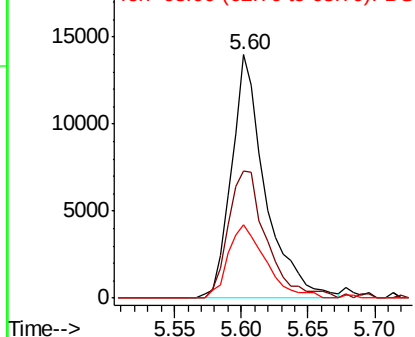
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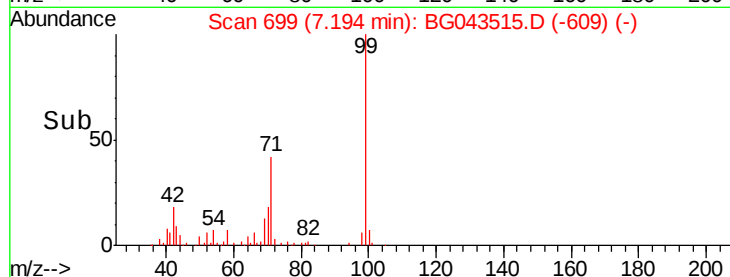
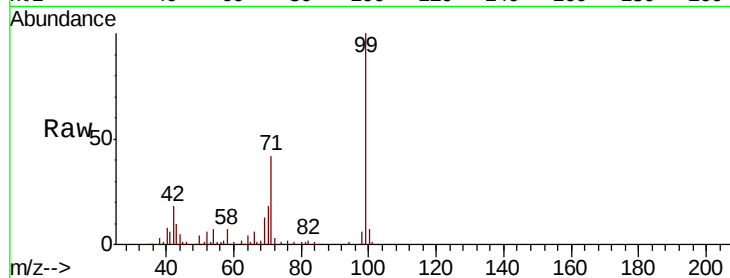
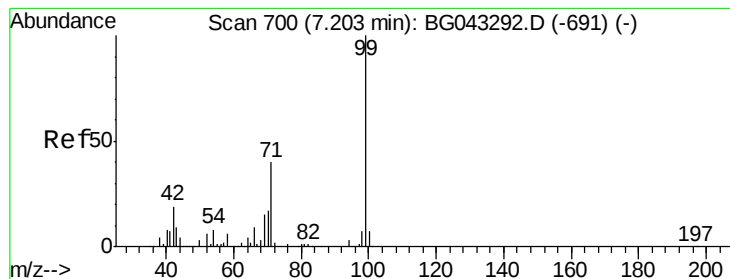
2-Fluorophenol
Concen: 11.296 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Tgt Ion:112 Resp: 24744
Ion Ratio Lower Upper
112 100
64 52.1 50.0 75.0
63 30.2 26.6 40.0



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: 33.361 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043515.D

Acq: 5 Nov 2019 19:46

Instrument :

BNA_G

ClientSampleId :

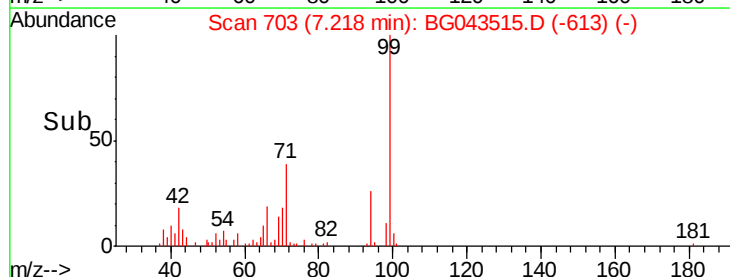
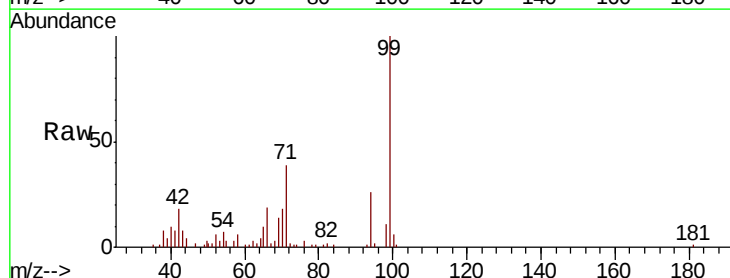
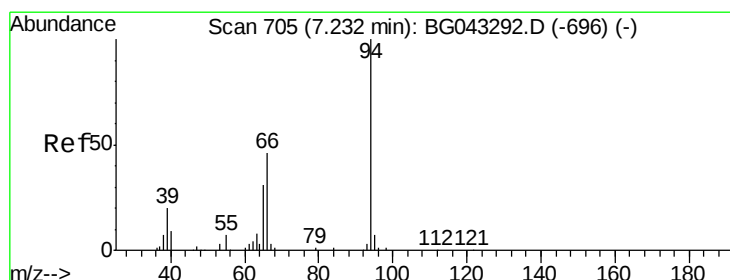
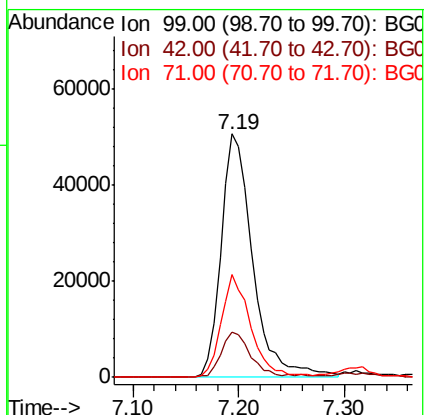
Tot Ion: 99 Resp: 105139

Ion Ratio Lower Upper

99 100

42 18.3 14.6 21.8

71 42.1 32.5 48.7



#10

Phenol

Concen: 2.790 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043515.D

Acq: 5 Nov 2019 19:46

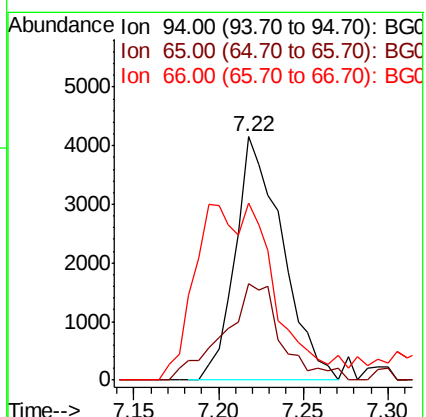
Tgt Ion: 94 Resp: 8034

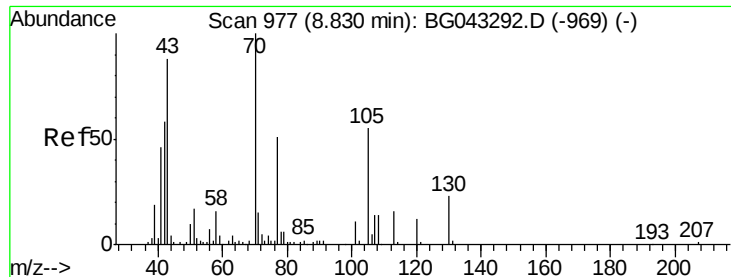
Ion Ratio Lower Upper

94 100

65 39.4 12.6 52.6

66 72.8 30.7 70.7#





#19

n-Nitroso-di-n-propylamine

Concen: 11.050 ng

RT: 9.17 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG043515.D

Acq: 5 Nov 2019 19:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 22503

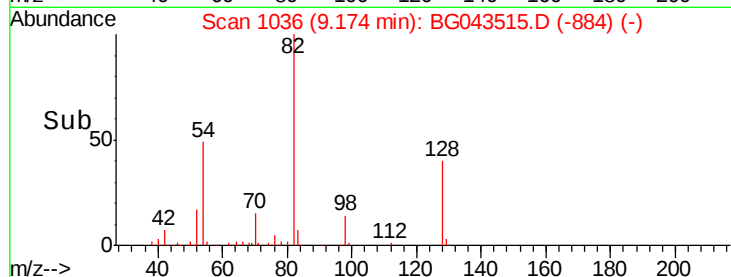
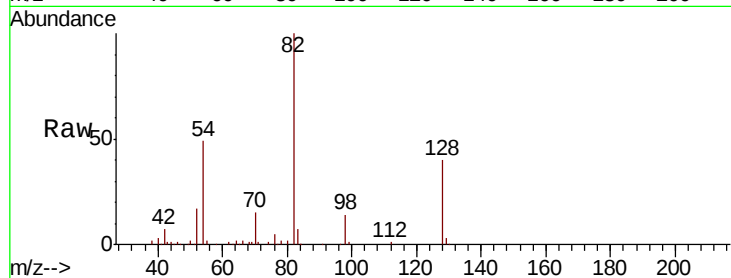
Ion Ratio Lower Upper

70 100

42 45.0 41.4 62.2

101 0.0 7.9 11.9#

130 1.4 19.0 28.4#

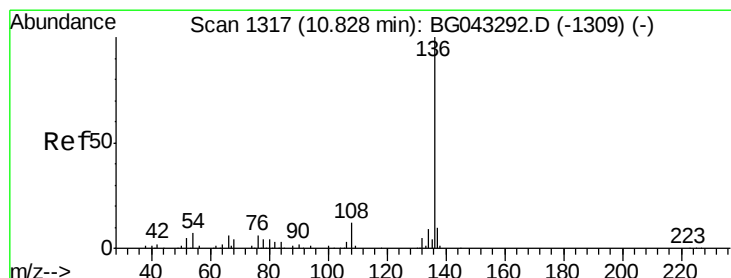
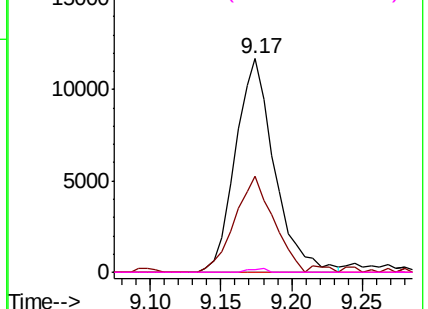


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043515.D

Acq: 5 Nov 2019 19:46

Tgt Ion:136 Resp: 146819

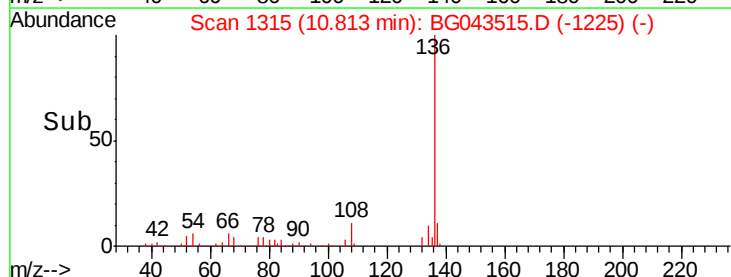
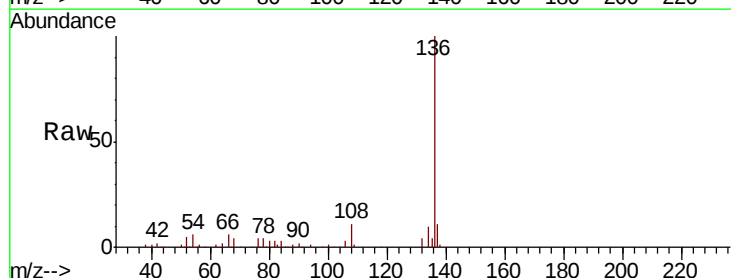
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.4 5.4 8.2

68 3.8 3.0 4.4

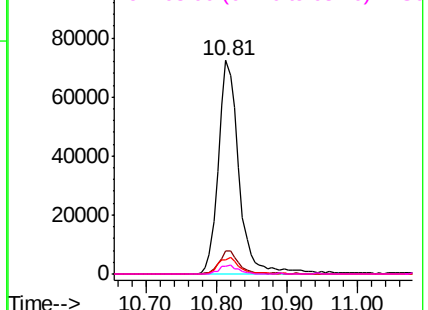


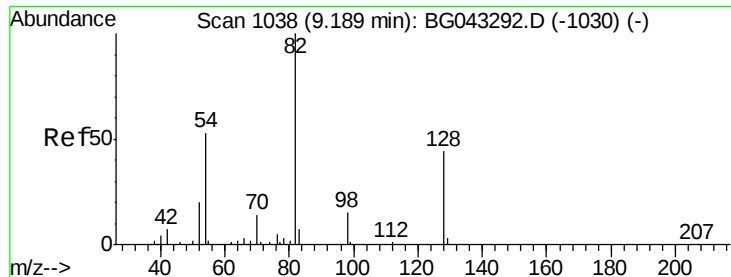
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

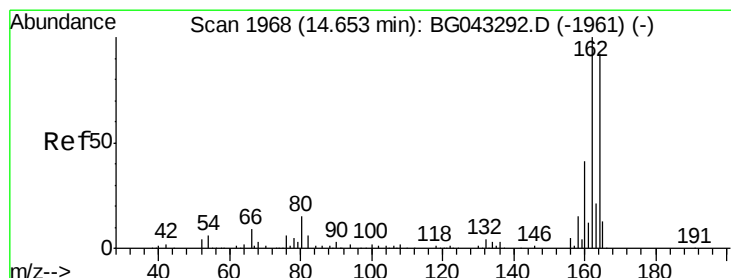
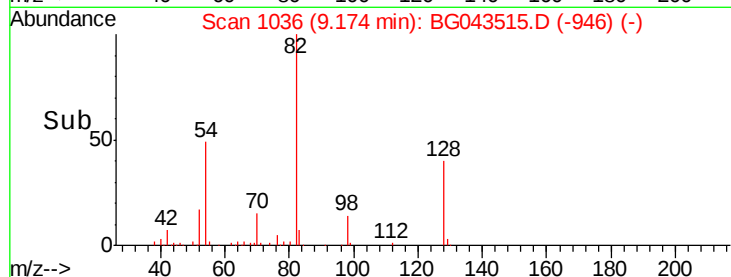
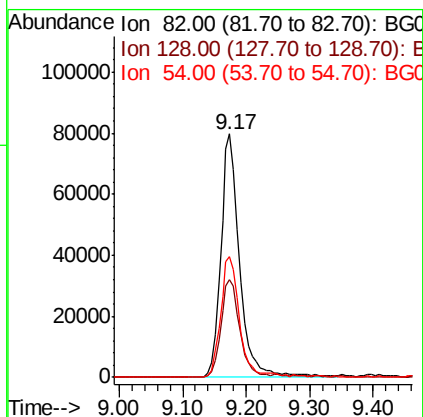
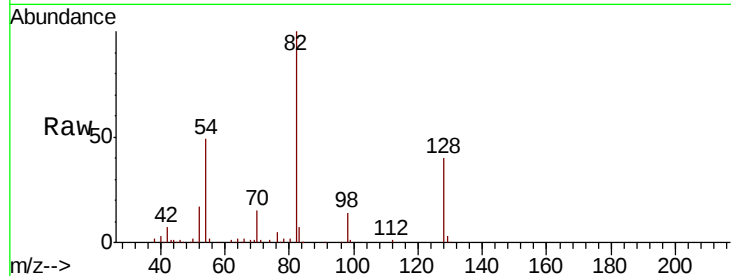




#23
Nitrobenzene-d5
Concen: 58.661 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

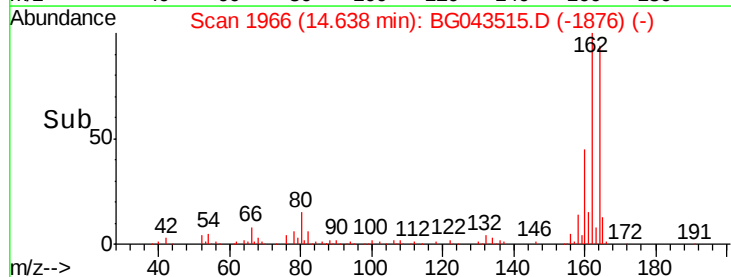
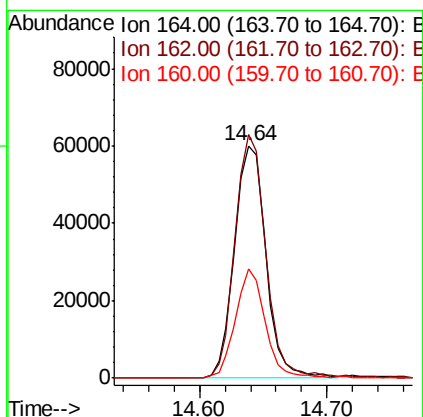
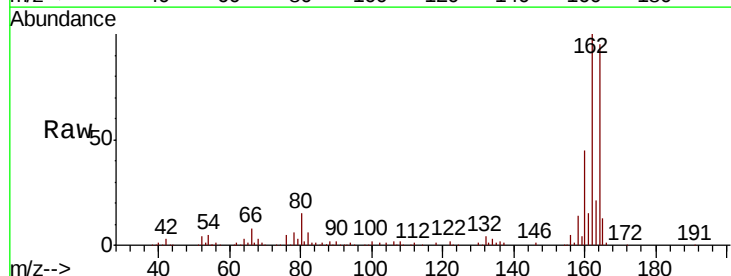
Instrument :
BNA_G
ClientSampleId :

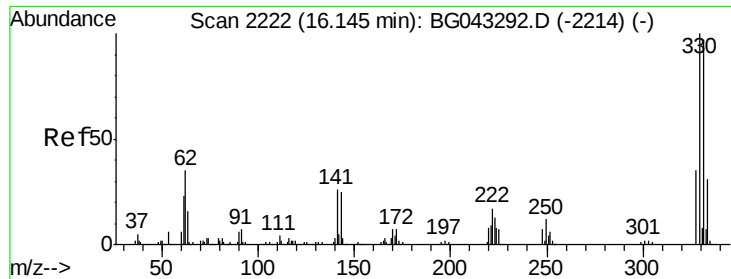
Tot Ion	82	Resp	167058
Ion Ratio	Lower	Upper	
82	100		
128	40.0	35.0	52.6
54	49.3	40.2	60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Tgt Ion	164	Resp	103558
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.5	125.3
160	47.1	36.5	54.7

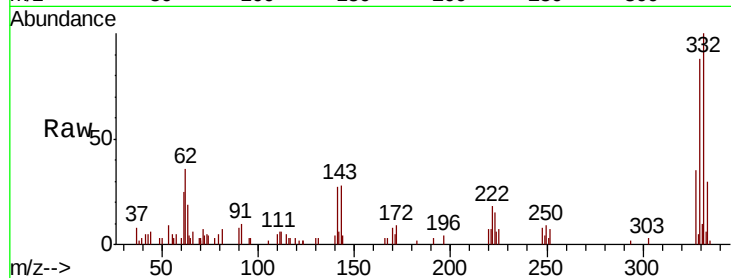




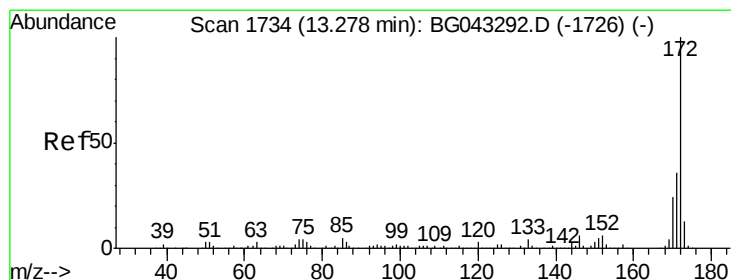
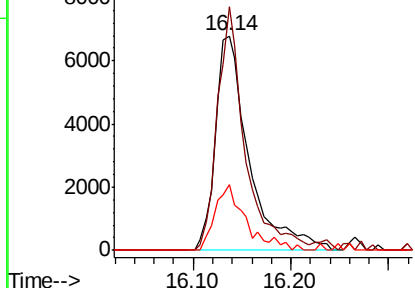
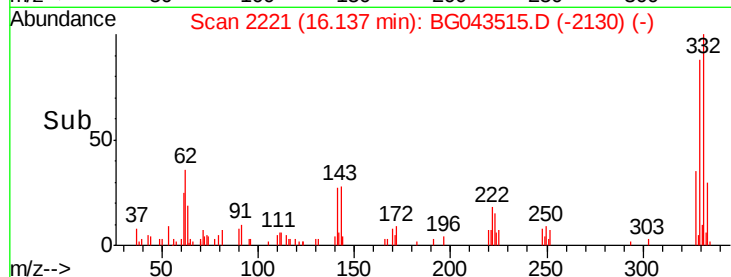
#42
 2,4,6-Tribromophenol
 Concen: 8.230 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BG043515.D
 Acq: 5 Nov 2019 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 16219
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.4 116.0
 141 28.4 22.8 34.2

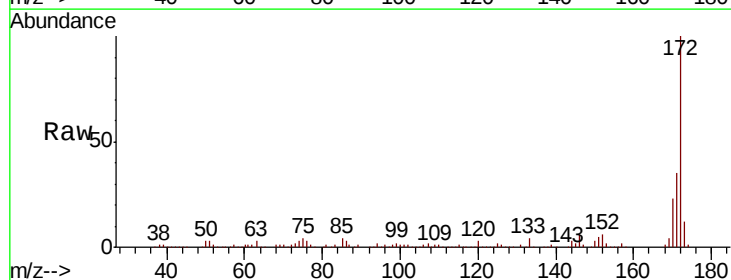


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

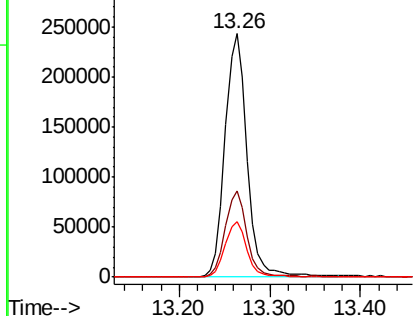
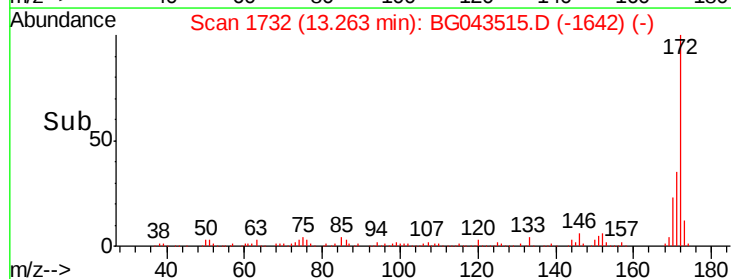


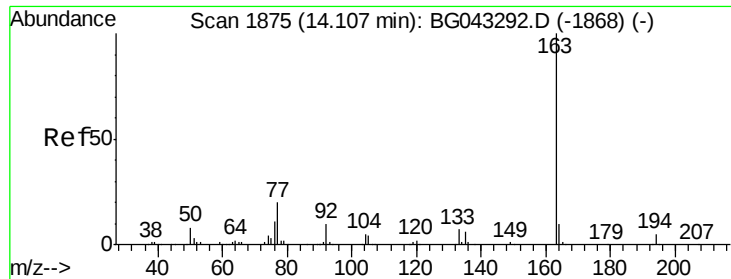
#45
 2-Fluorobiphenyl
 Concen: 55.168 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043515.D
 Acq: 5 Nov 2019 19:46

Tgt Ion:172 Resp: 413448
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 22.8 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

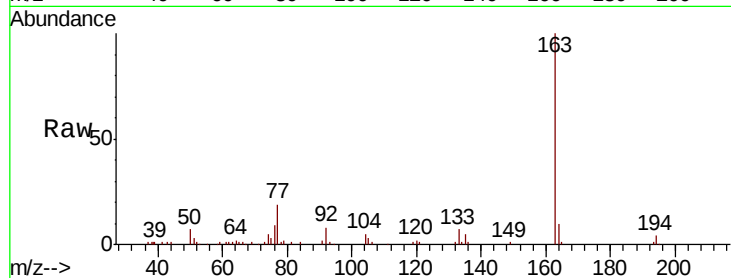




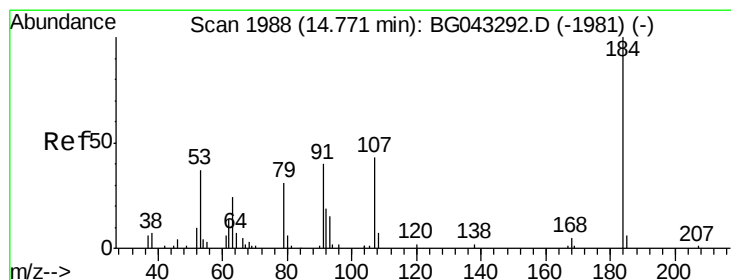
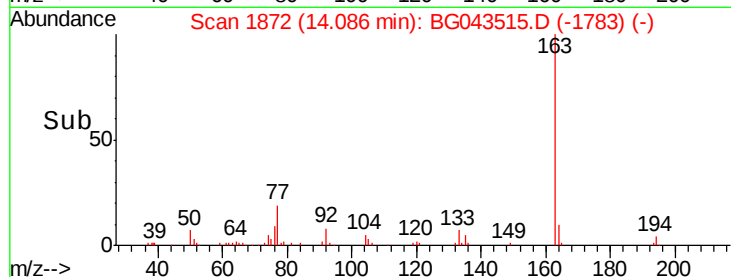
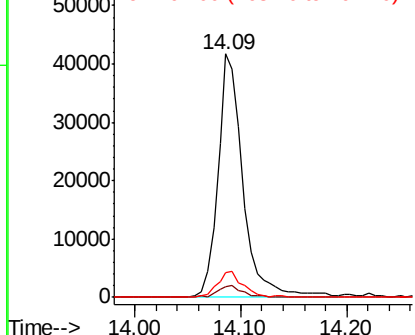
#50
Dimethylphthalate
Concen: 8.589 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 68895
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 10.1 8.9 13.3

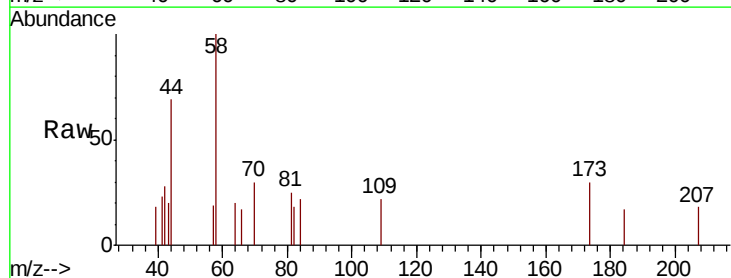


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

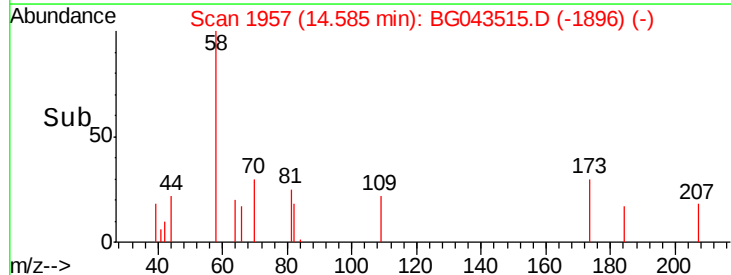
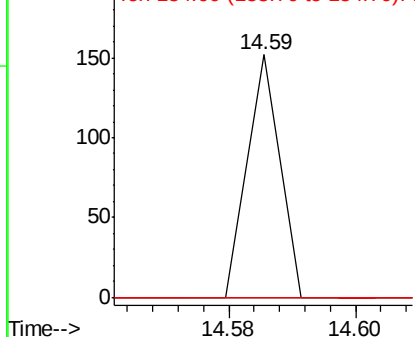


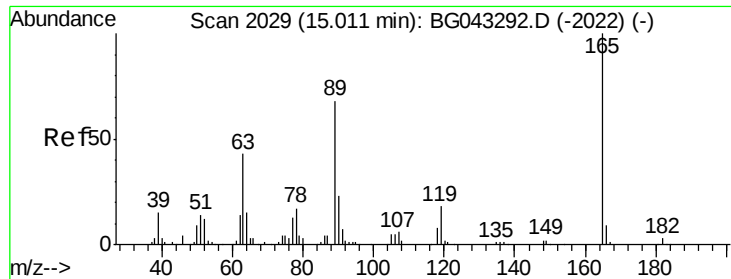
#54
2,4-Dinitrophenol
Concen: 7.328 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.17 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 117.8 51.3 76.9#
154 0.0 55.4 83.0#



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

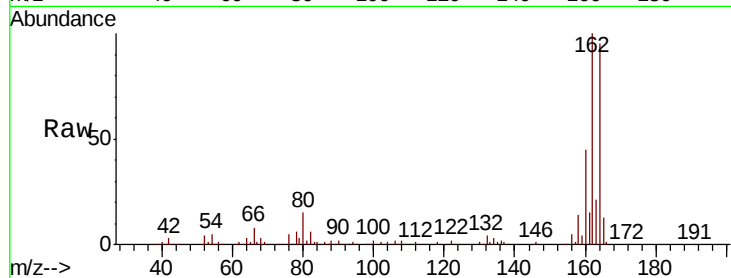




#57
 2,4-Dinitrotoluene
 Concen: 5.534 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.37 min
 Lab File: BG043515.D
 Acq: 5 Nov 2019 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	33.2	49.8#
89	2.2	52.2	78.4#
182	0.0	2.0	3.0#



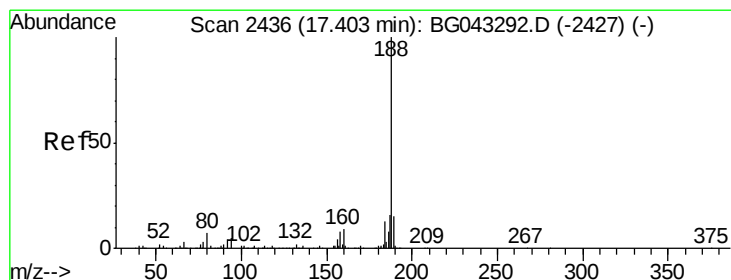
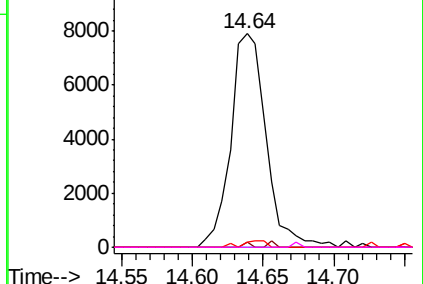
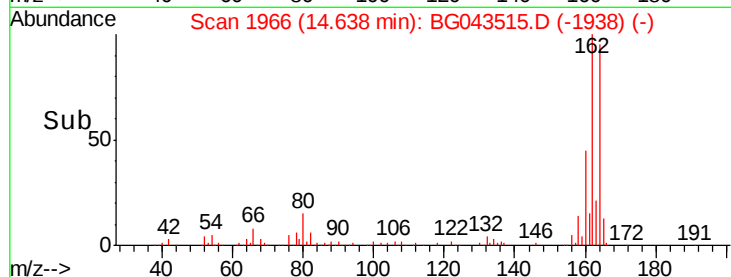
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

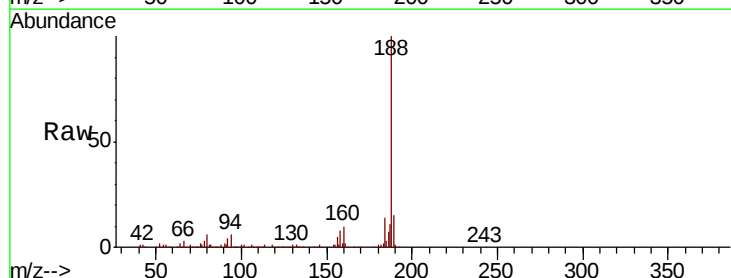
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG043515.D
 Acq: 5 Nov 2019 19:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.4
80	6.2	4.5	6.7

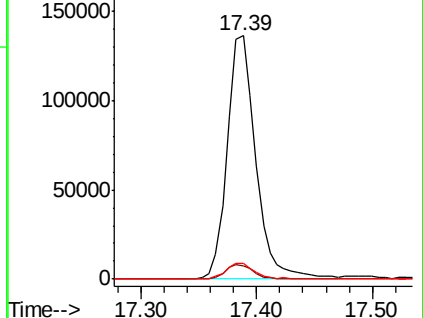
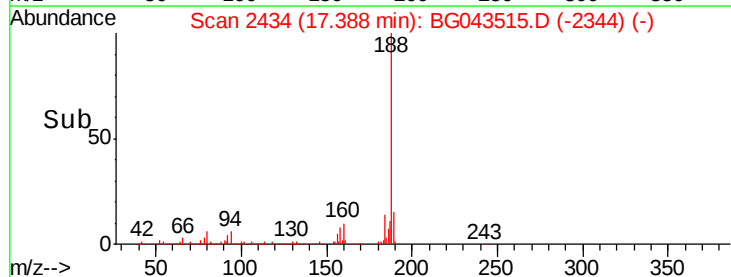


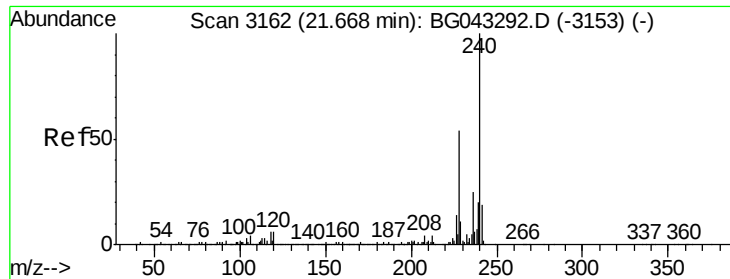
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

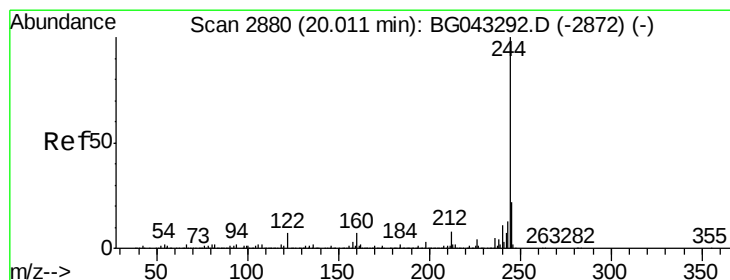
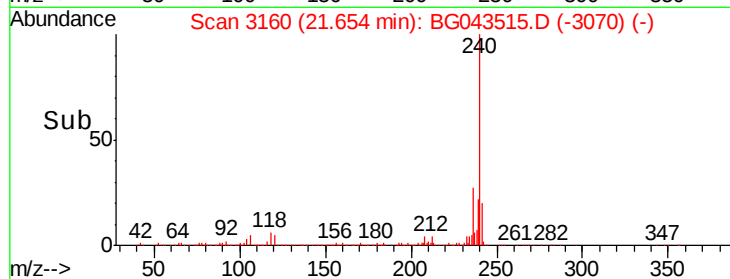
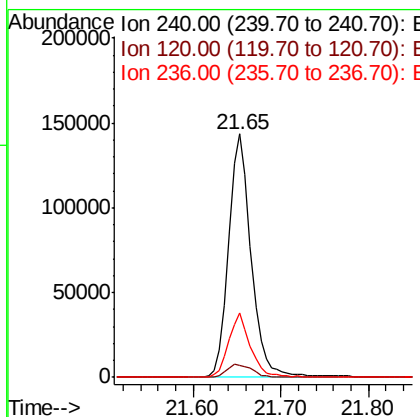
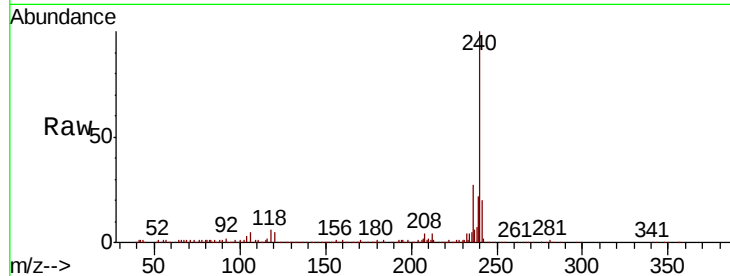




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

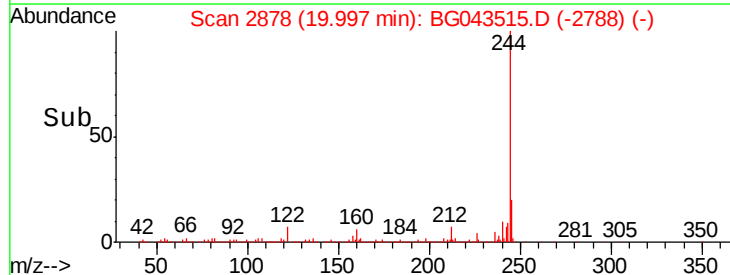
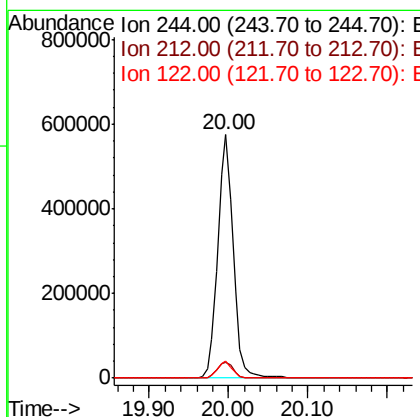
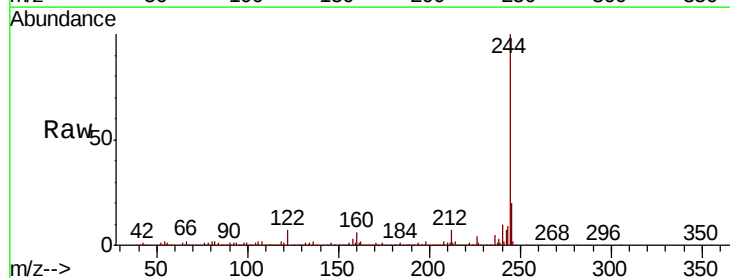
Instrument :
BNA_G
ClientSampleId :

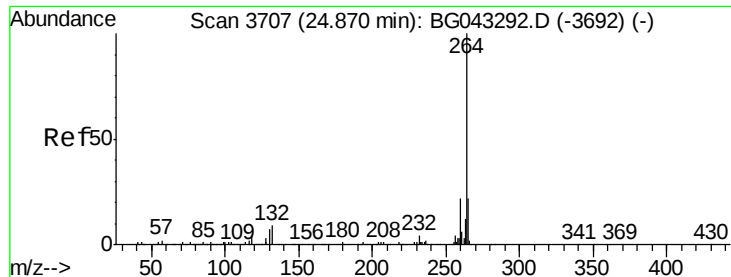
Tot Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.6	6.8
236	26.7	19.8	29.8



#79
Terphenyl-d14
Concen: 57.613 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	6.8	5.4	8.2

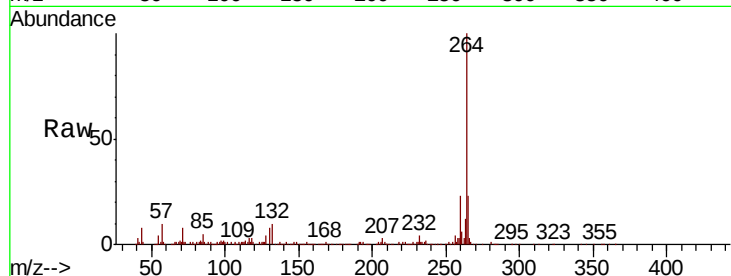




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.00 min
Lab File: BG043515.D
Acq: 5 Nov 2019 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.5	26.3
265	22.6	17.4	26.0



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

