

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043455.D
 Acq On : 1 Nov 2019 6:05
 Operator : JU
 Sample : PB124468BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 07:59:45 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

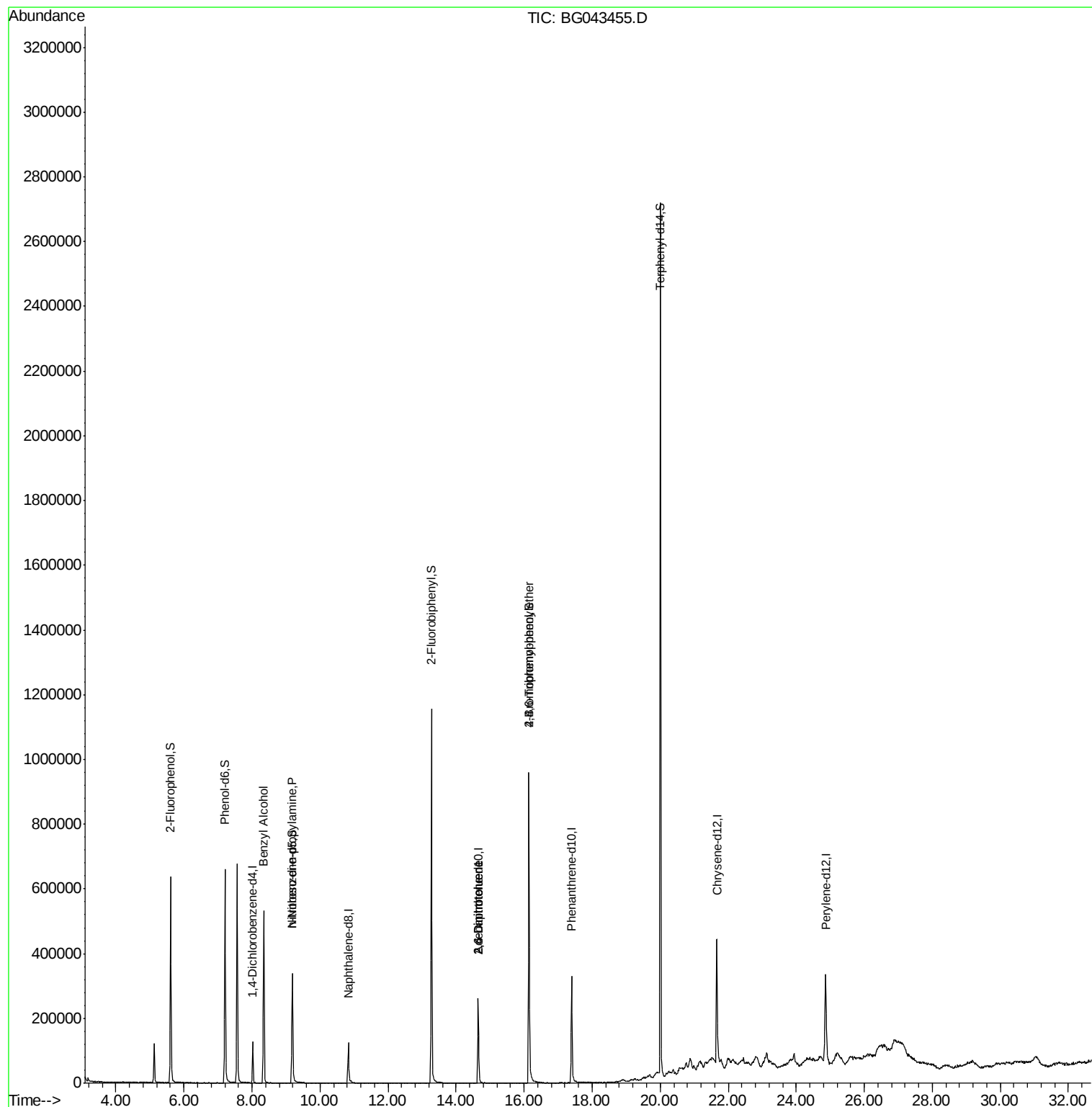
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37720	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	132080	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	108403	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	260856	20.00	ng	0.00
76) Chrysene-d12	21.67	240	283031	20.00	ng	0.00
87) Perylene-d12	24.86	264	339473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	292381	142.04	ng	0.00
7) Phenol-d6	7.21	99	413166	139.51	ng	0.00
23) Nitrobenzene-d5	9.19	82	253539	98.96	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	262286	127.14	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	683856	87.17	ng	0.00
79) Terphenyl-d14	20.00	244	1444220	95.73	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	4608	2.215	ng	# 67
19) n-Nitroso-di-n-propylamine	9.18	70	35403	18.499	ng	# 72
51) 2,6-Dinitrotoluene	14.65	165	14381	7.884	ng	# 25
57) 2,4-Dinitrotoluene	14.65	165	14381	5.517	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	17195	4.898	ng	# 1

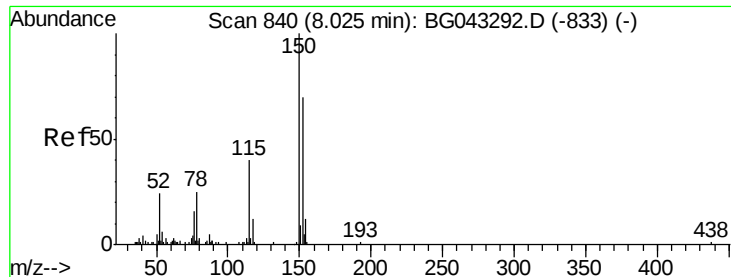
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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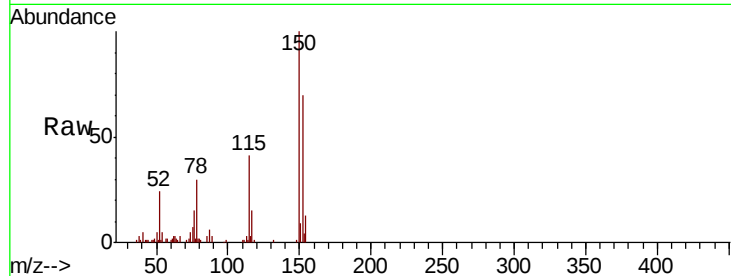


#1

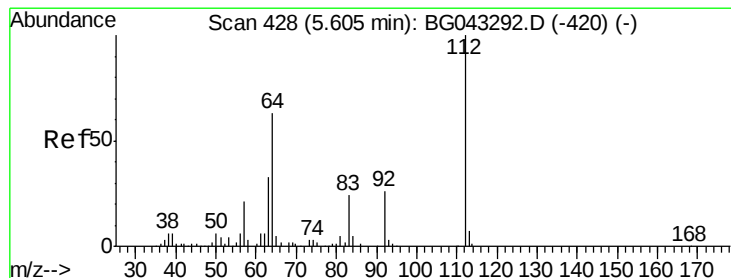
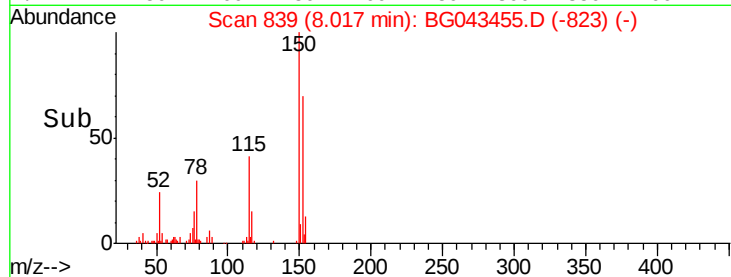
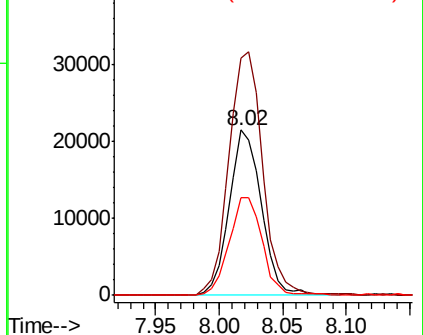
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043455.D
Acq: 1 Nov 2019 6:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.9	113.6	170.4
115	58.9	45.9	68.9



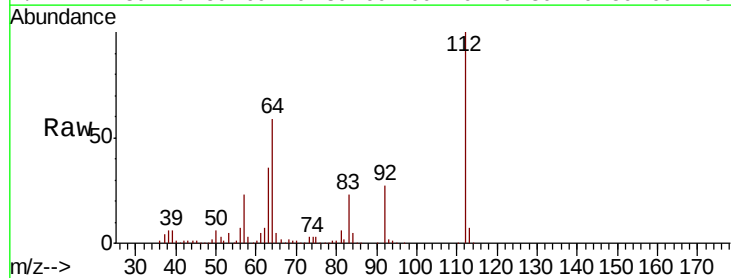
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



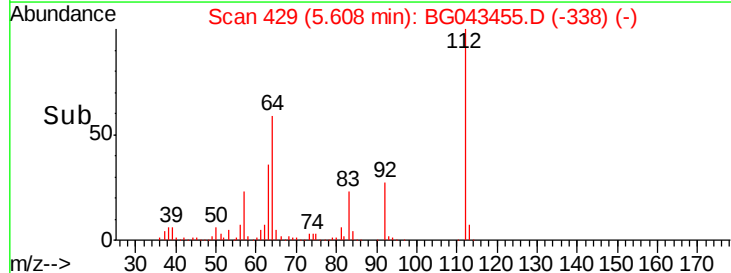
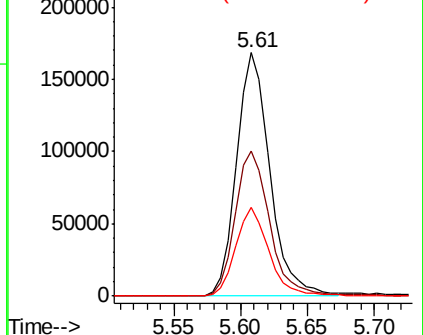
#5

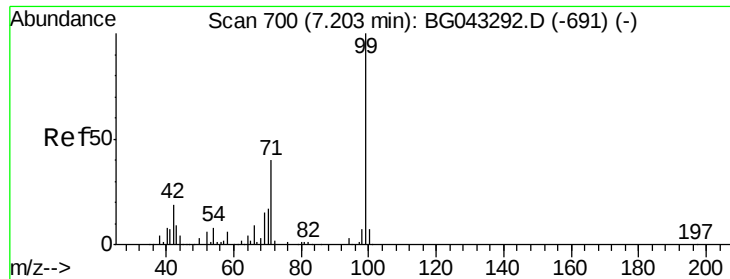
2-Fluorophenol
Concen: 142.039 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043455.D
Acq: 1 Nov 2019 6:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	50.2	75.2
63	36.2	26.7	40.1



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





#7

Phenol-d6

Concen: 139.507 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

Instrument :

BNA_G

ClientSampleId :

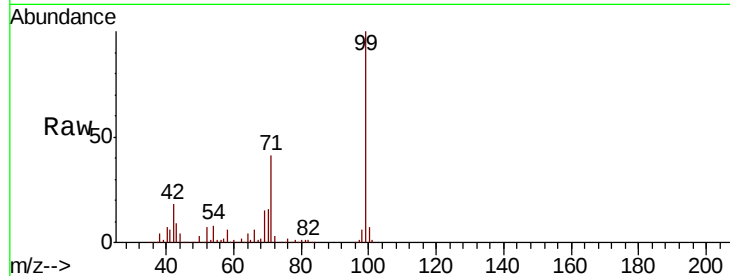
Tot Ion: 99 Resp: 413166

Ion Ratio Lower Upper

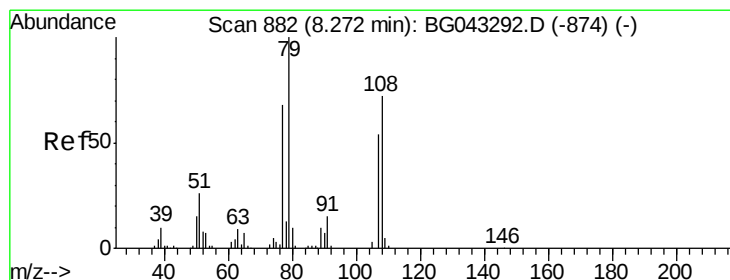
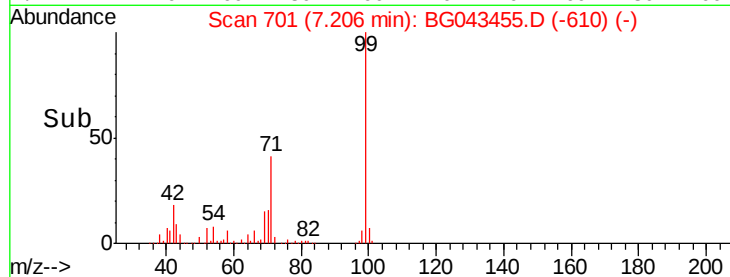
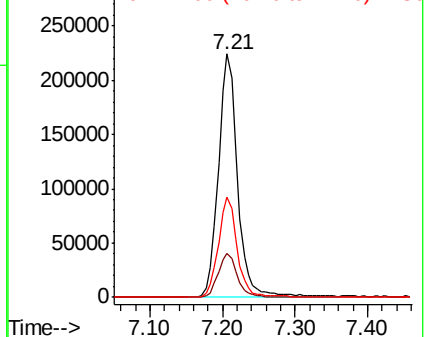
99 100

42 18.0 14.9 22.3

71 41.1 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



#15

Benzyl Alcohol

Concen: 2.215 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

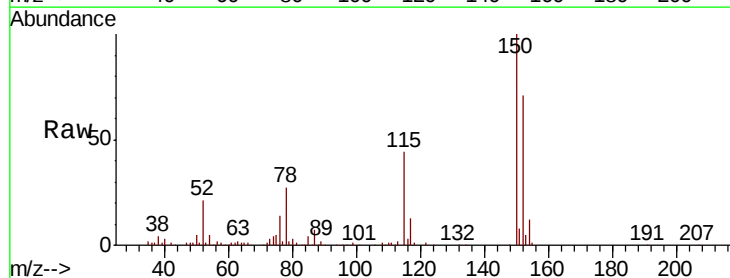
Tgt Ion: 79 Resp: 4608

Ion Ratio Lower Upper

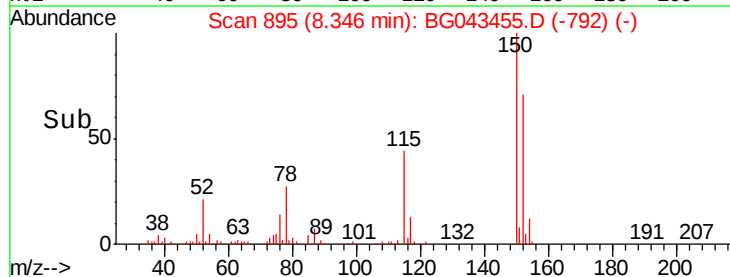
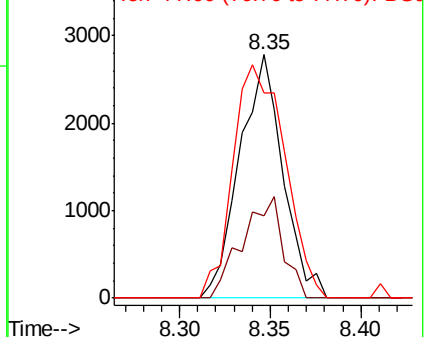
79 100

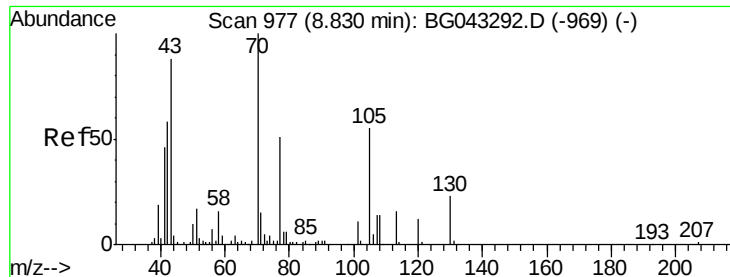
108 33.9 57.3 85.9#

77 84.5 54.6 81.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

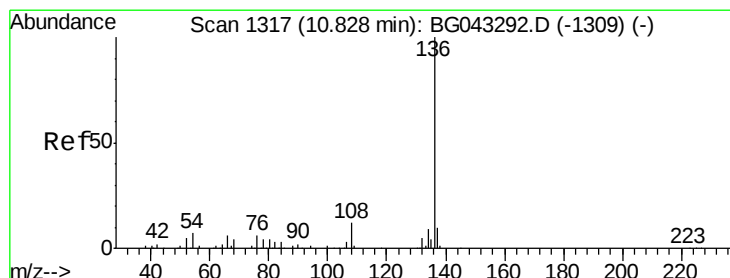
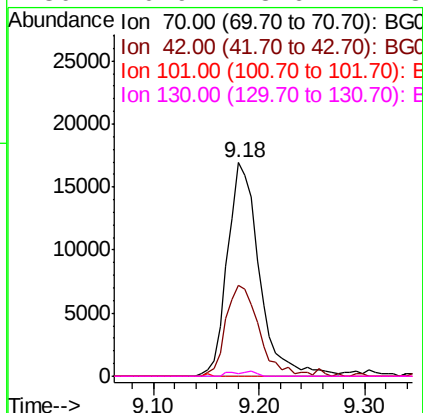
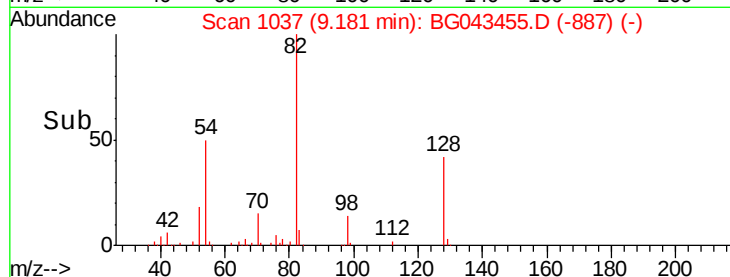
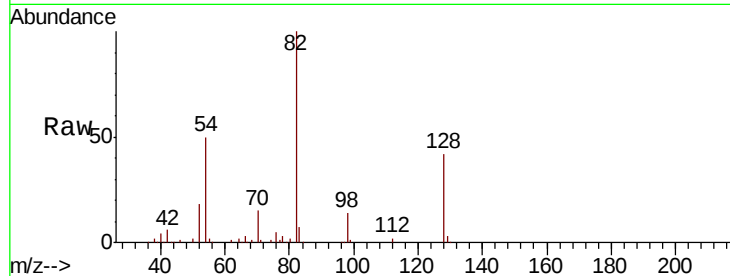




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.499 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.35 min
 Lab File: BG043455.D
 Acq: 1 Nov 2019 6:05

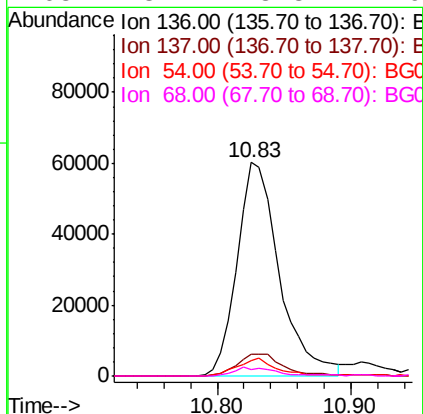
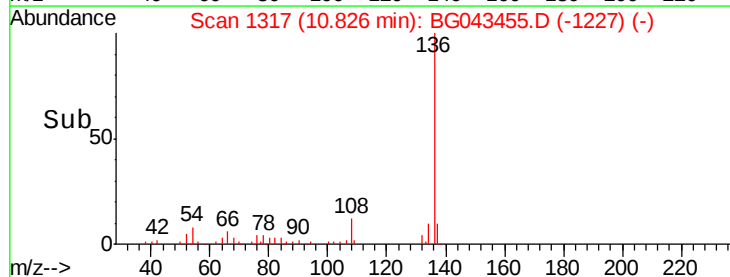
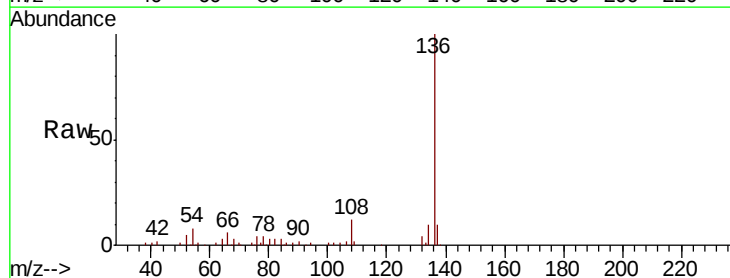
Instrument :
 BNA_G
 ClientSampleId :

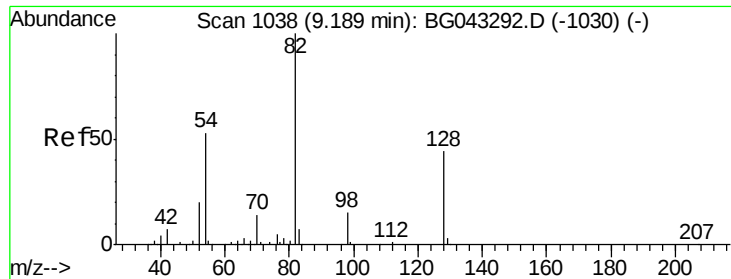
Tot Ion: 70 Resp: 35403
 Ion Ratio Lower Upper
 70 100
 42 42.5 46.2 69.2#
 101 0.0 8.6 13.0#
 130 0.9 18.6 27.8#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BG043455.D
 Acq: 1 Nov 2019 6:05

Tgt Ion: 136 Resp: 132080
 Ion Ratio Lower Upper
 136 100
 137 10.1 8.2 12.2
 54 7.5 5.4 8.2
 68 3.1 3.3 4.9#

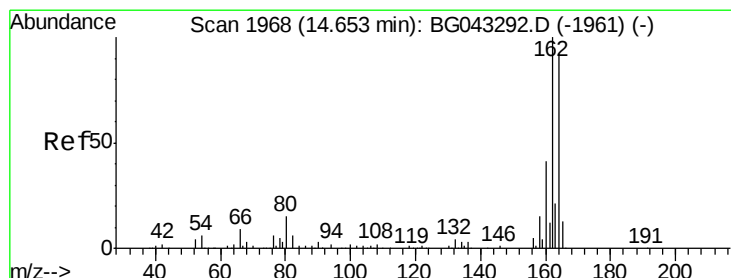
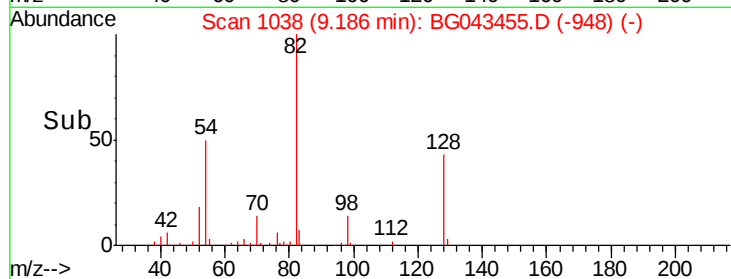
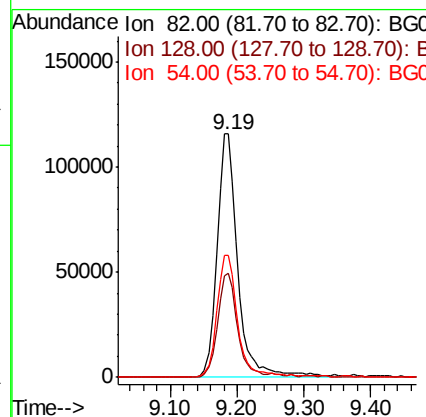
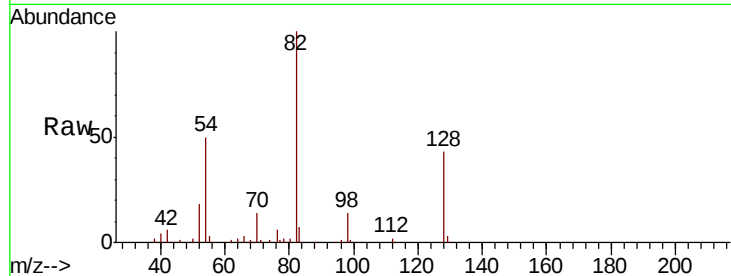




#23
 Nitrobenzene-d5
 Concen: 98.963 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043455.D
 Acq: 1 Nov 2019 6:05

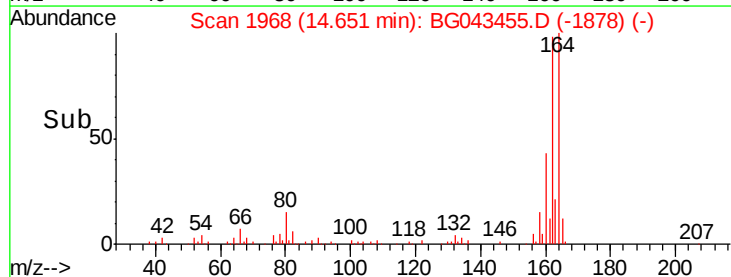
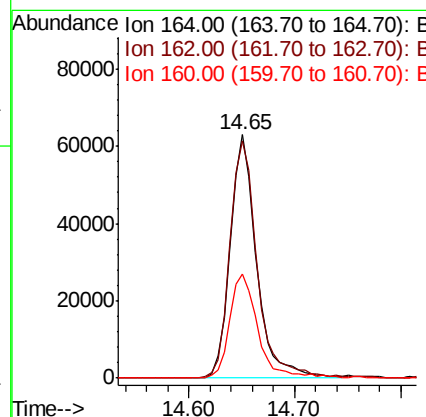
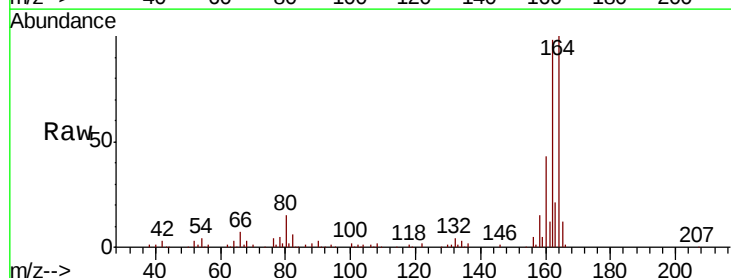
Instrument :
 BNA_G
 ClientSampleId :

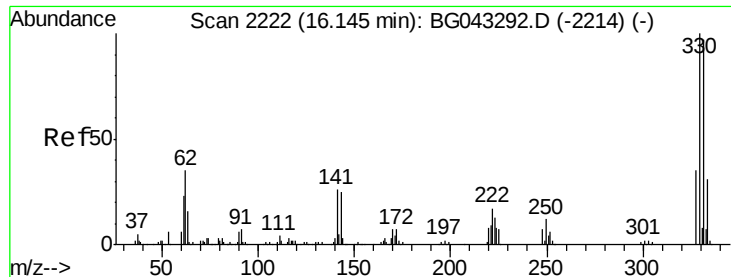
Tot Ion	82	Resp	253539
Ion Ratio	Lower	Upper	
82	100		
128	43.0	35.3	52.9
54	50.0	42.3	63.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG043455.D
 Acq: 1 Nov 2019 6:05

Tgt Ion	164	Resp	108403
Ion Ratio	Lower	Upper	
164	100		
162	97.5	87.0	130.4
160	42.8	35.5	53.3

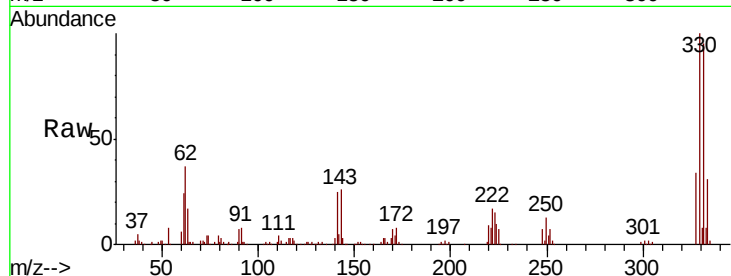




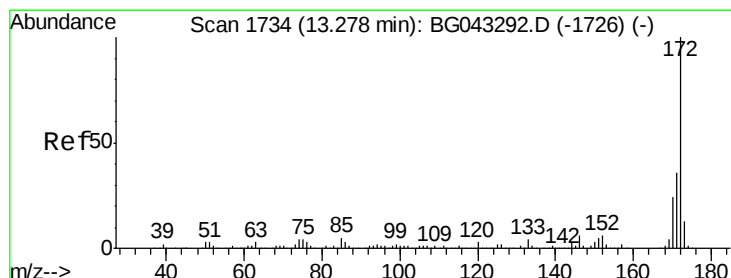
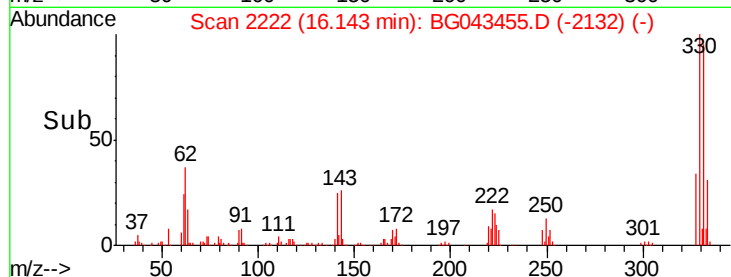
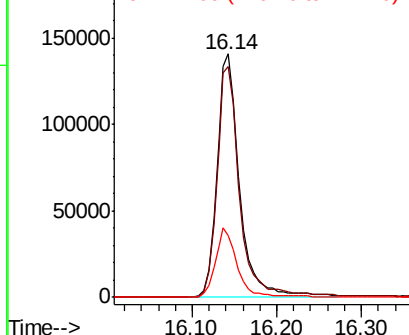
#42
 2,4,6-Tribromophenol
 Concen: 127.144 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043455.D
 Acq: 1 Nov 2019 6:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.4	114.6
141	27.9	21.4	32.0

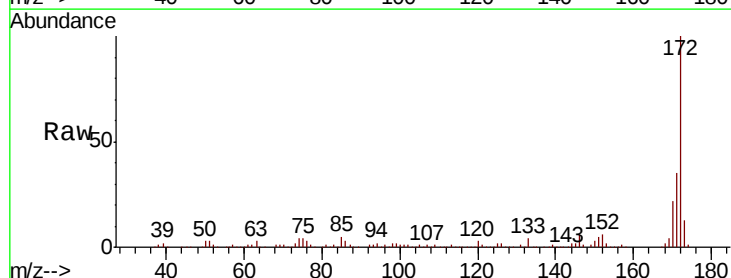


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

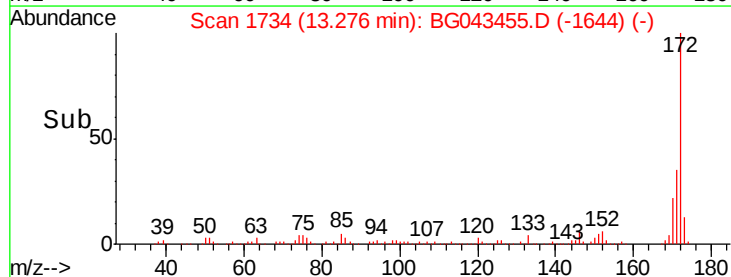
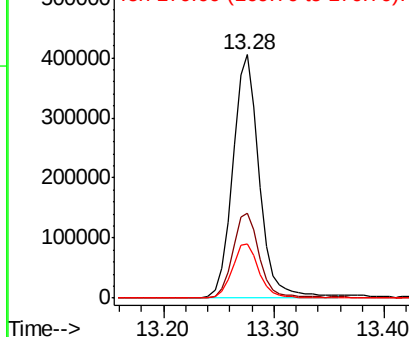


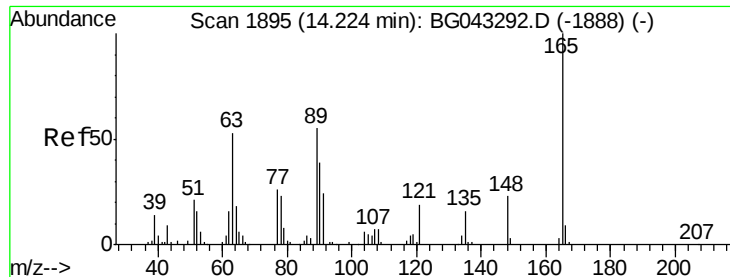
#45
 2-Fluorobiphenyl
 Concen: 87.171 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043455.D
 Acq: 1 Nov 2019 6:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	22.1	18.8	28.2



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





#51

2,6-Dinitrotoluene

Concen: 7.884 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.43 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

Instrument :

BNA_G

ClientSampleId :

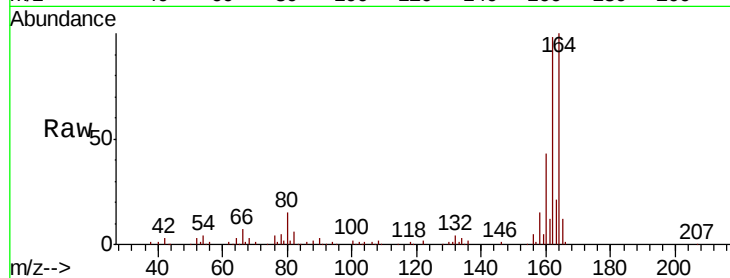
Tot Ion:165 Resp: 14381

Ion Ratio Lower Upper

165 100

63 2.8 47.1 70.7#

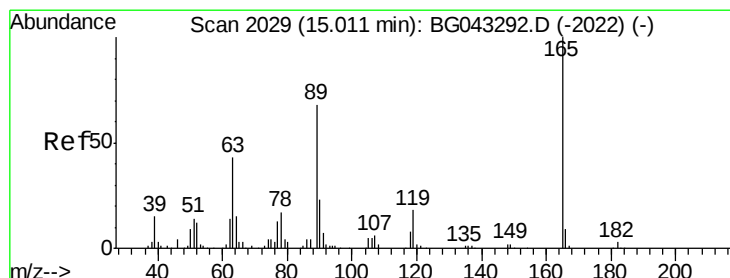
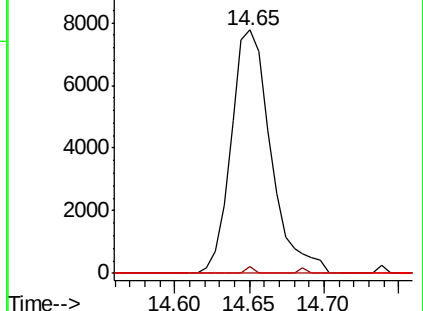
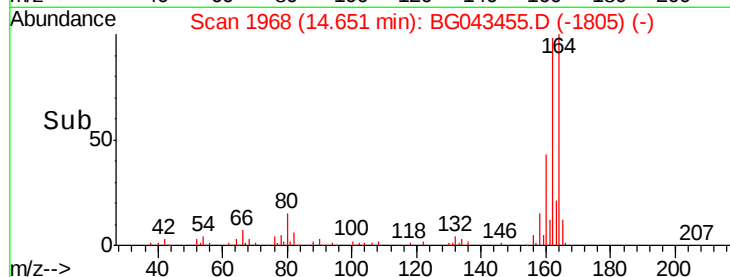
89 0.0 43.7 65.5#



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



#57

2,4-Dinitrotoluene

Concen: 5.517 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.36 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

Tgt Ion:165 Resp: 14381

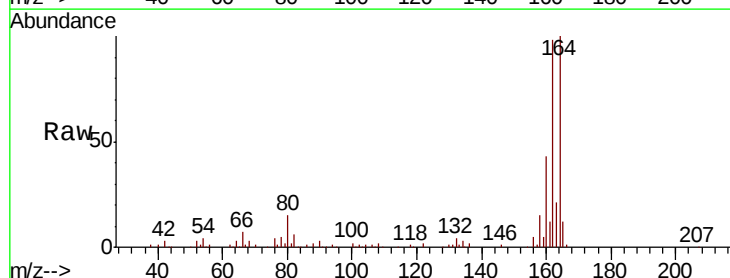
Ion Ratio Lower Upper

165 100

63 2.8 35.0 52.6#

89 0.0 54.1 81.1#

182 0.0 2.2 3.2#

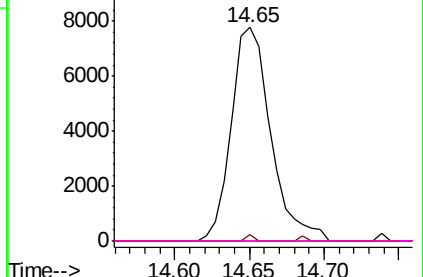
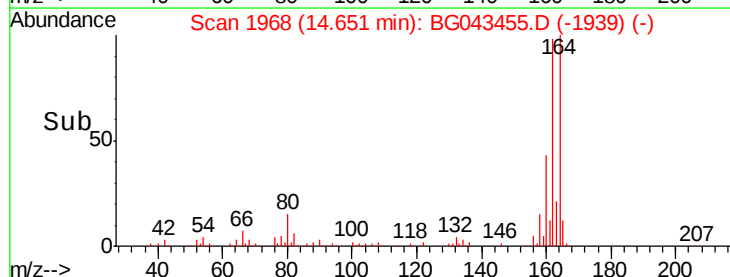


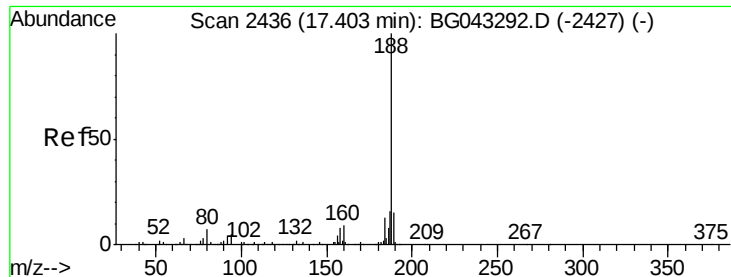
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

Instrument :

BNA_G

ClientSampleId :

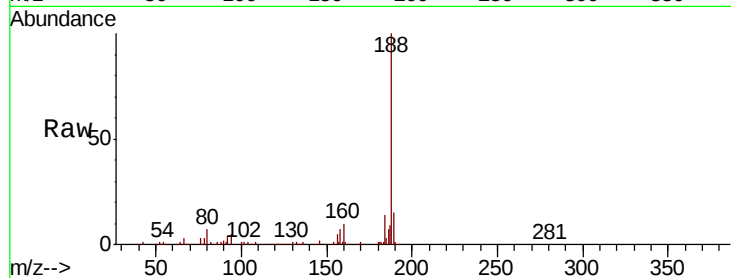
Tot Ion:188 Resp: 260856

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.2

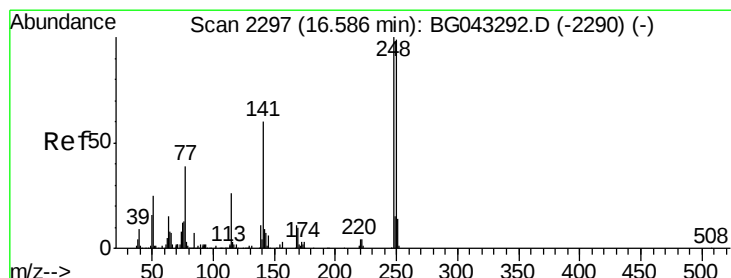
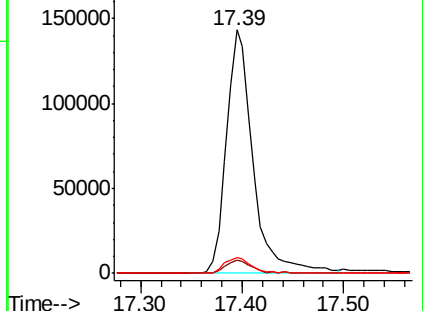
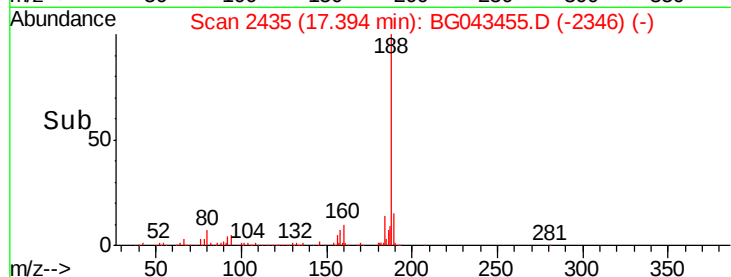
80 6.5 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.898 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.45 min

Lab File: BG043455.D

Acq: 1 Nov 2019 6:05

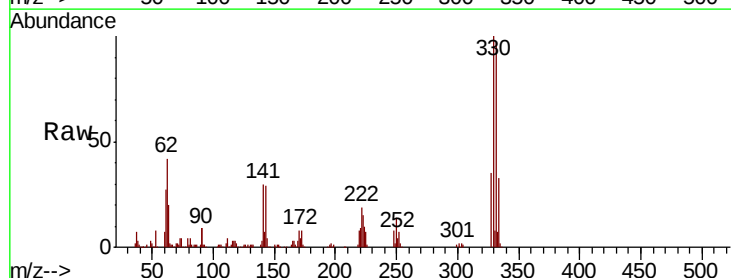
Tgt Ion:248 Resp: 17195

Ion Ratio Lower Upper

248 100

250 183.5 79.3 118.9#

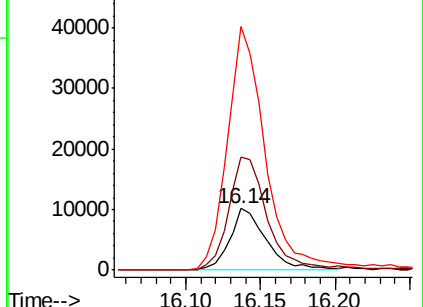
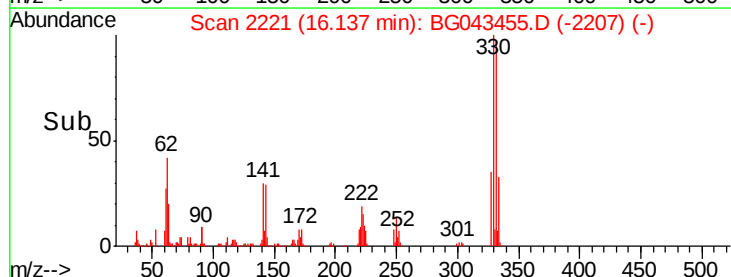
141 397.4 47.9 71.9#

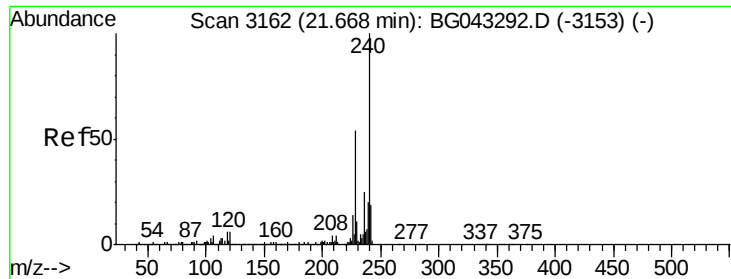


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

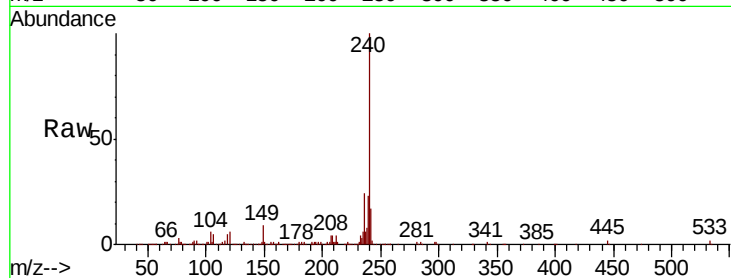




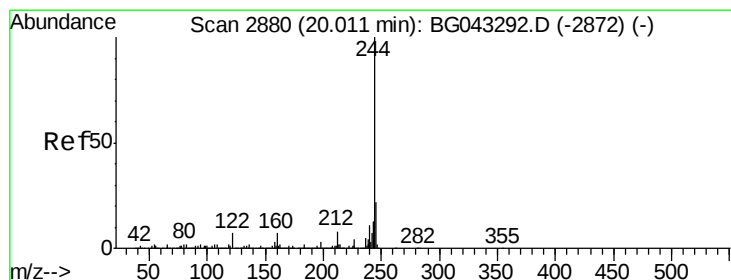
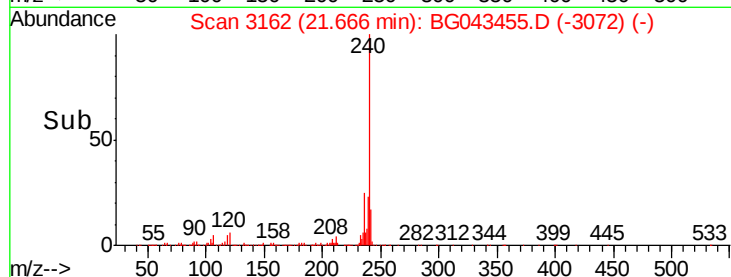
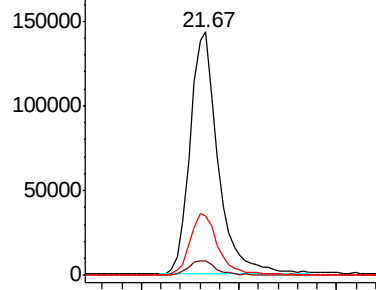
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG043455.D
Acq: 1 Nov 2019 6:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 283031
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 24.5 20.2 30.4

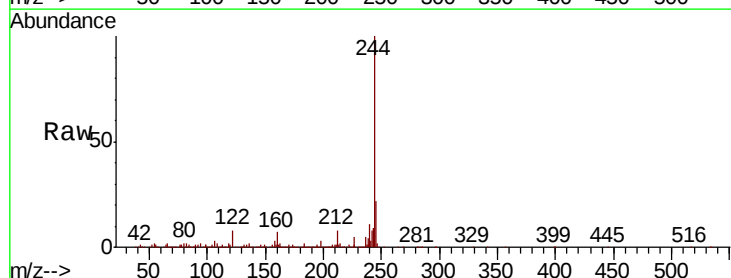


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

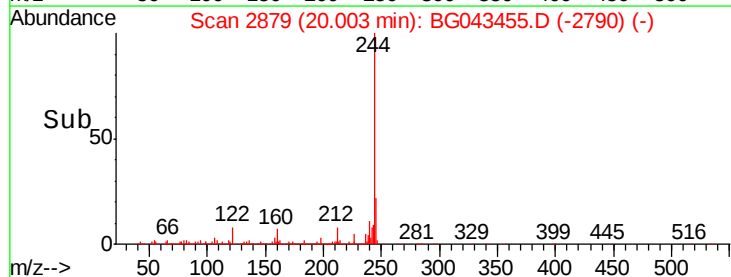
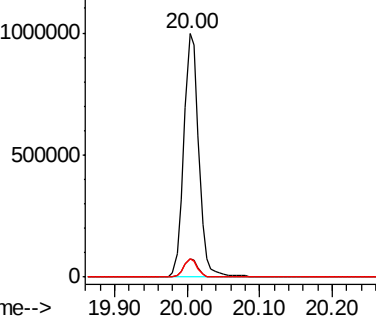


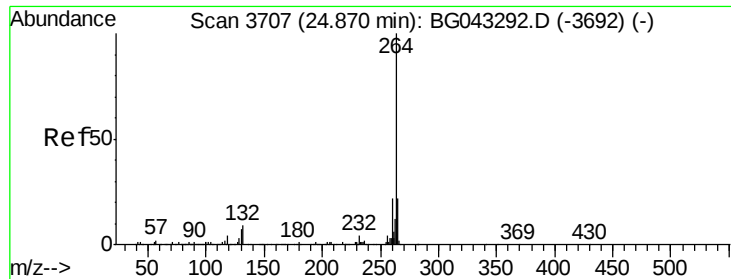
#79
Terphenyl-d14
Concen: 95.729 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043455.D
Acq: 1 Nov 2019 6:05

Tgt Ion:244 Resp: 1444220
Ion Ratio Lower Upper
244 100
212 7.7 6.4 9.6
122 7.5 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

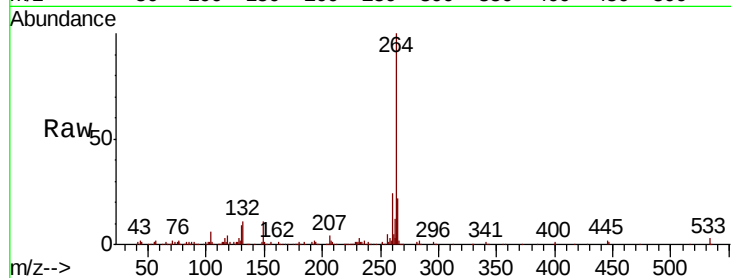




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043455.D
Acq: 1 Nov 2019 6:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	22.3	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

