

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045647.D
 Acq On : 8 Jun 2020 18:15
 Operator : CG/JU
 Sample : L2904-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE-1-4

Quant Time: Jun 09 00:49:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

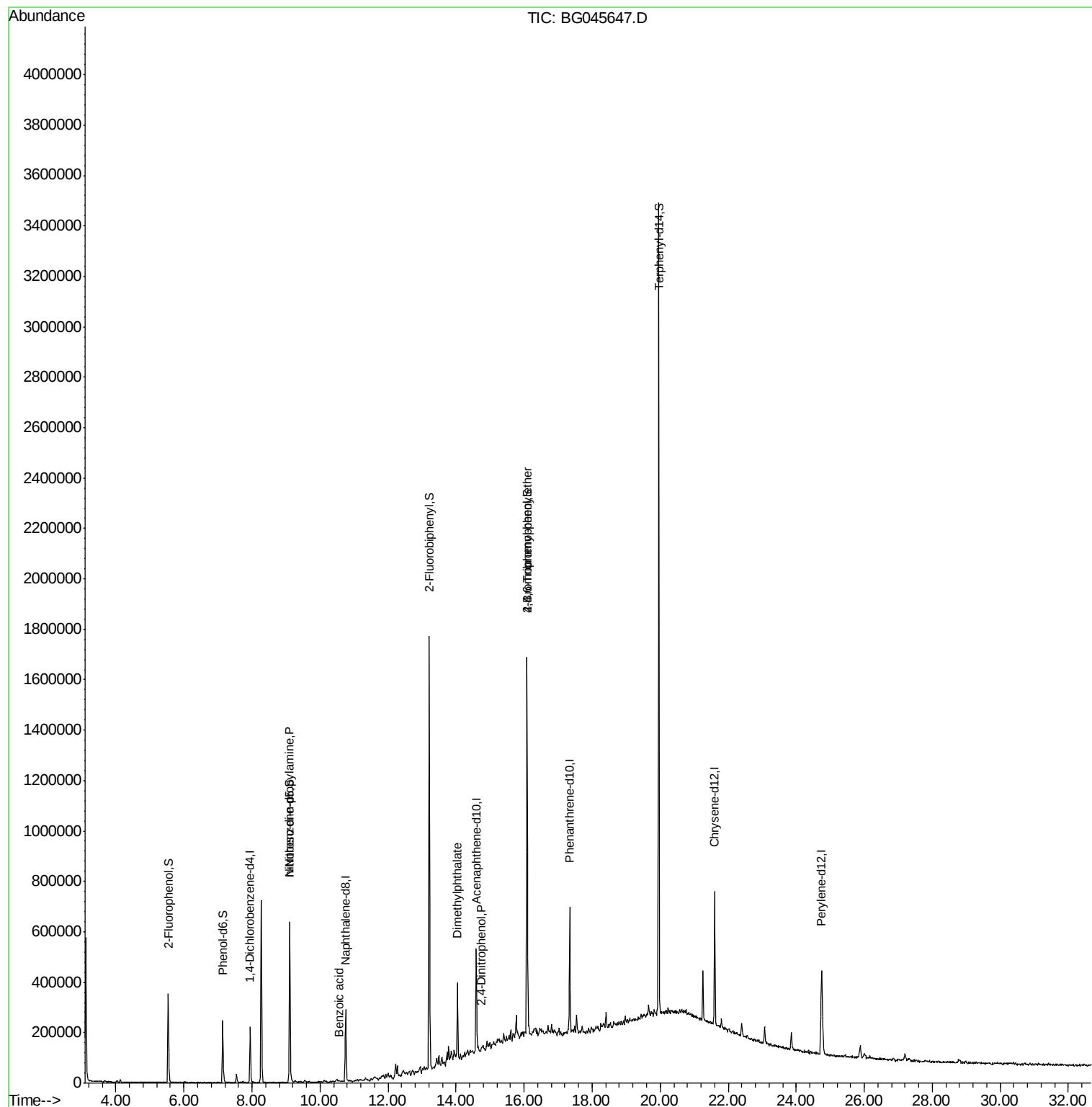
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	64722	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	246219	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	155008	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	338147	20.00	ng	0.00
76) Chrysene-d12	21.60	240	343761	20.00	ng	0.00
87) Perylene-d12	24.75	264	374357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	177325	53.54	ng	0.00
7) Phenol-d6	7.14	99	167680	35.57	ng	0.00
23) Nitrobenzene-d5	9.11	82	436971	96.78	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	303569	153.13	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	947671	103.70	ng	0.00
79) Terphenyl-d14	19.96	244	1534657	104.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	61473	18.859	ng	Qvalue # 79
32) Benzoic acid	10.58	122	80	10.053	ng	# 1
50) Dimethylphthalate	14.04	163	194297	18.272	ng	98
54) 2,4-Dinitrophenol	14.73	184	54	5.491	ng	# 1
67) 4-Bromophenyl-phenylether	16.09	248	20761	5.670	ng	# 1

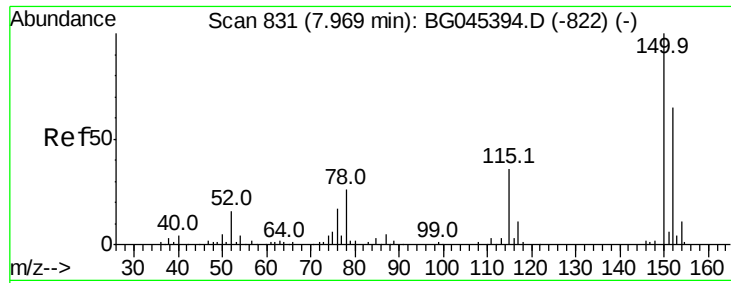
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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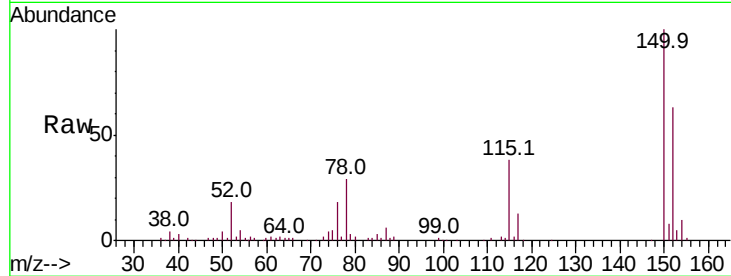


#1

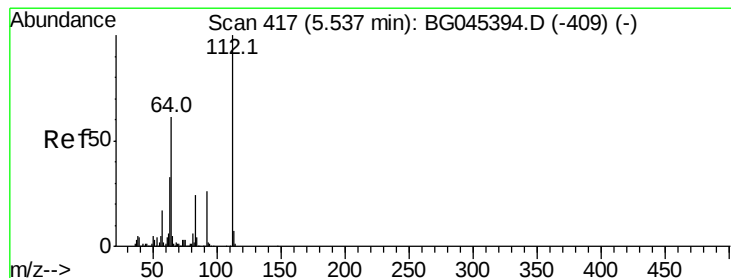
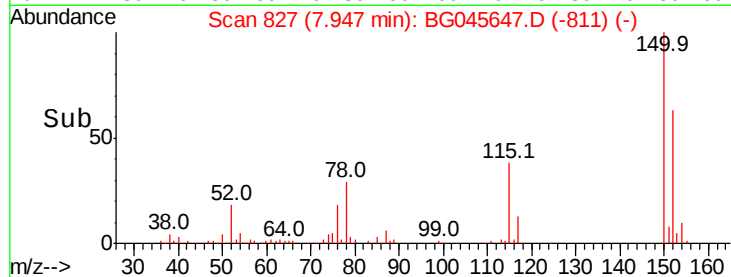
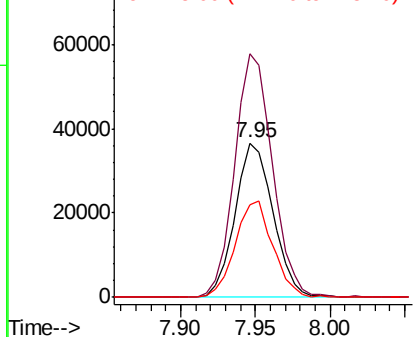
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045647.D
Acq: 8 Jun 2020 18:15

Instrument :
BNA_G
ClientSampleId :
VE-1-4

Tot Ion:152 Resp: 64722
Ion Ratio Lower Upper
152 100
150 157.7 122.4 183.6
115 60.1 44.2 66.4



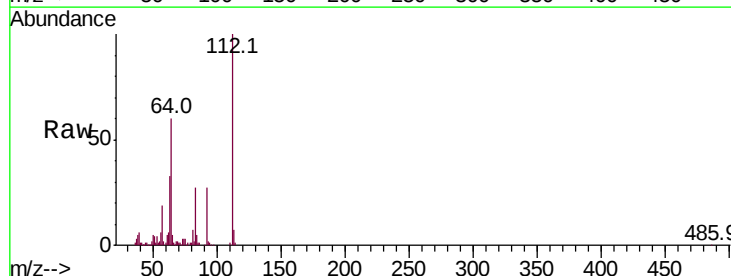
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



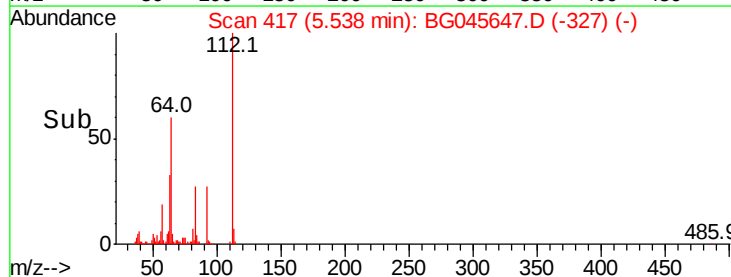
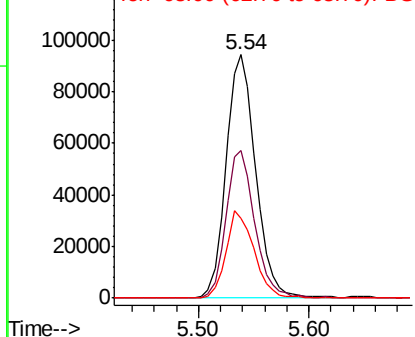
#5

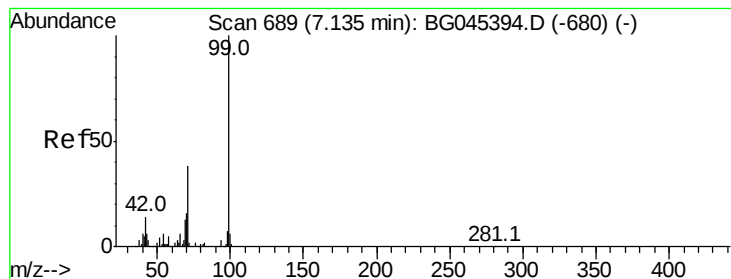
2-Fluorophenol
Concen: 53.544 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045647.D
Acq: 8 Jun 2020 18:15

Tgt Ion:112 Resp: 177325
Ion Ratio Lower Upper
112 100
64 60.5 48.6 72.8
63 32.8 26.5 39.7



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: 35.573 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045647.D

Acq: 8 Jun 2020 18:15

Instrument :

BNA_G

ClientSampleId :

VE-1-4

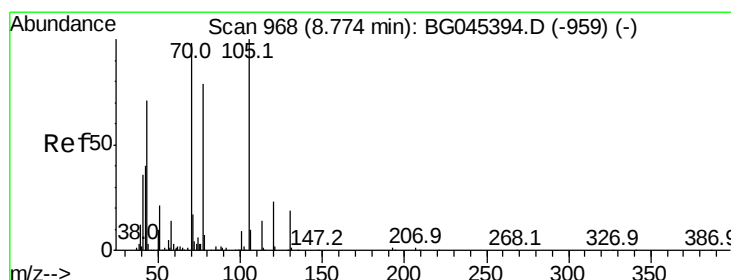
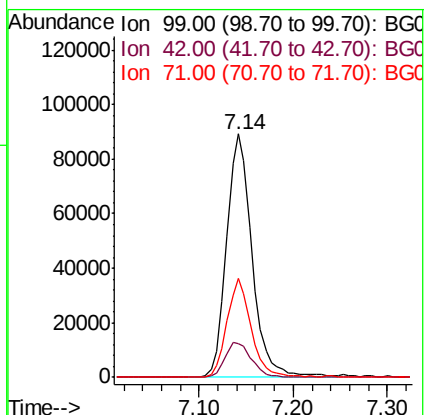
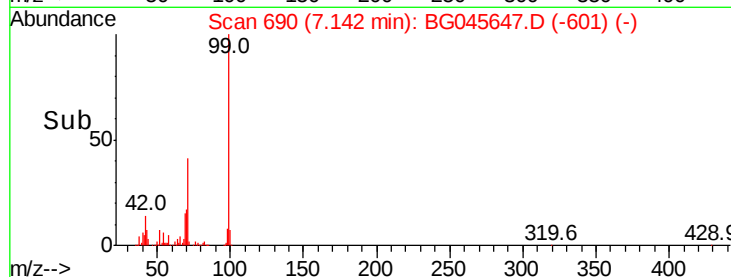
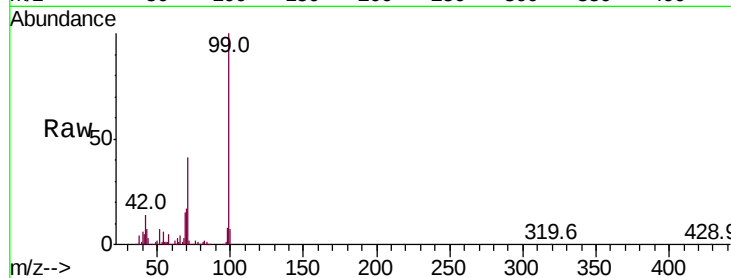
Tot Ion: 99 Resp: 167680

Ion Ratio Lower Upper

99 100

42 13.7 11.3 16.9

71 40.7 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 18.859 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.35 min

Lab File: BG045647.D

Acq: 8 Jun 2020 18:15

Tgt Ion: 70 Resp: 61473

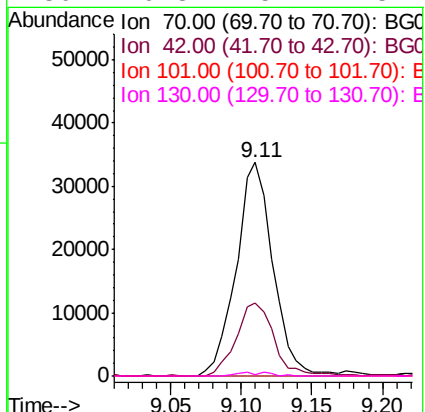
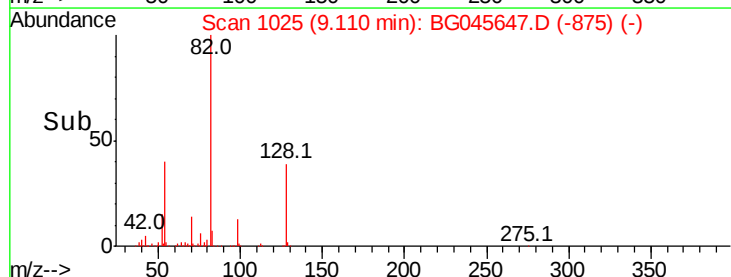
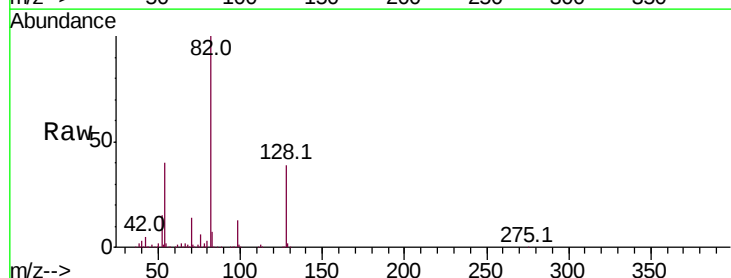
Ion Ratio Lower Upper

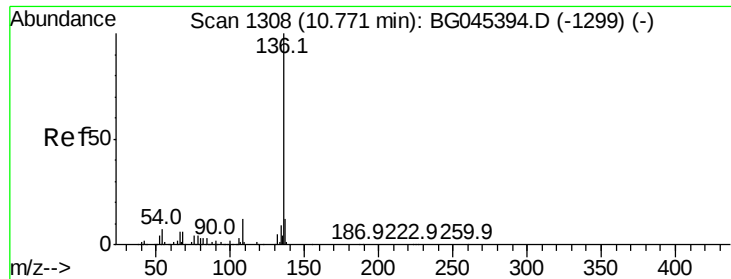
70 100

42 34.3 33.2 49.8

101 0.0 7.8 11.6#

130 0.8 15.4 23.2#

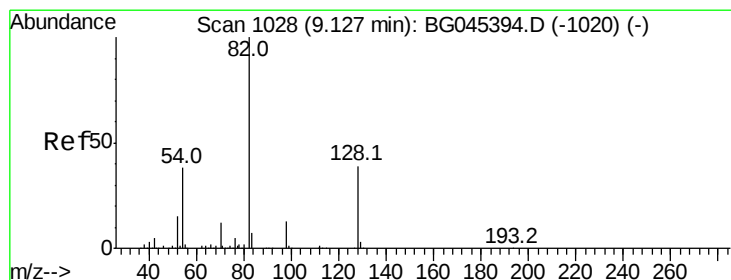
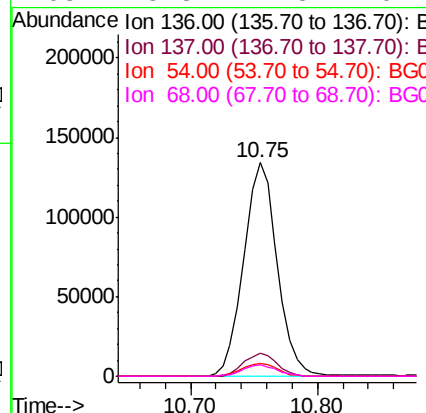
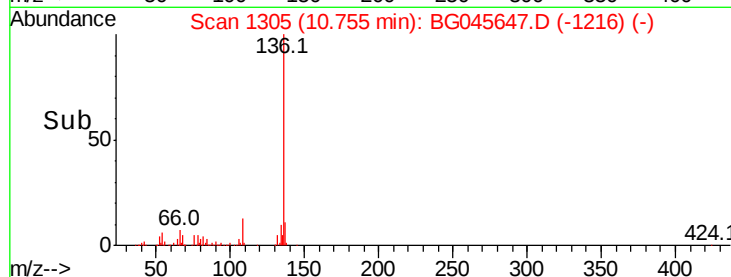
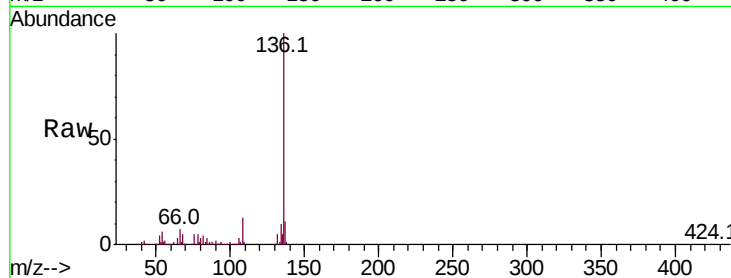




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045647.D
Acq: 8 Jun 2020 18:15

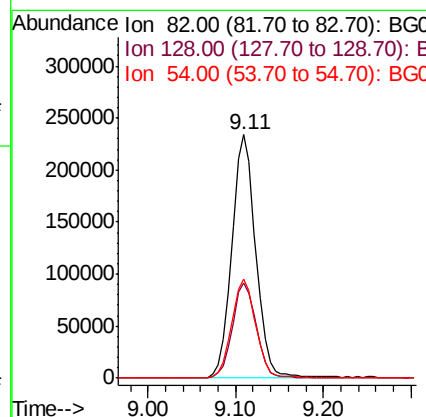
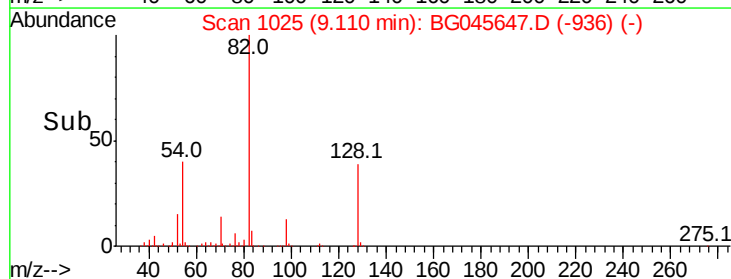
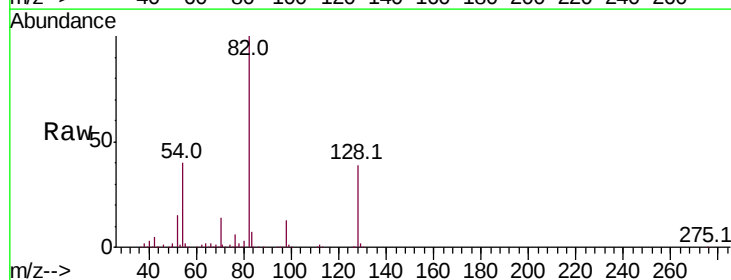
Instrument :
BNA_G
ClientSampleId :
VE-1-4

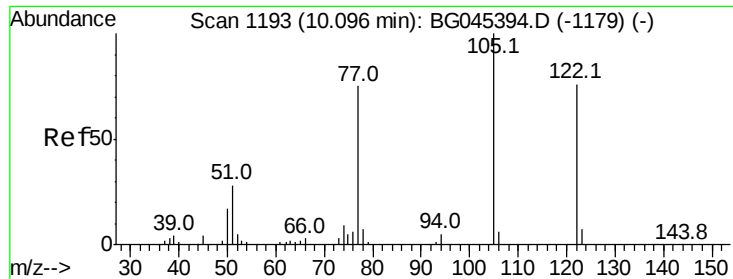
Tot Ion:	136	Resp:	246219
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.4	14.2
54	6.2	5.8	8.6
68	5.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 96.779 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045647.D
Acq: 8 Jun 2020 18:15

Tgt Ion:	82	Resp:	436971
Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.9	46.3
54	40.5	30.3	45.5

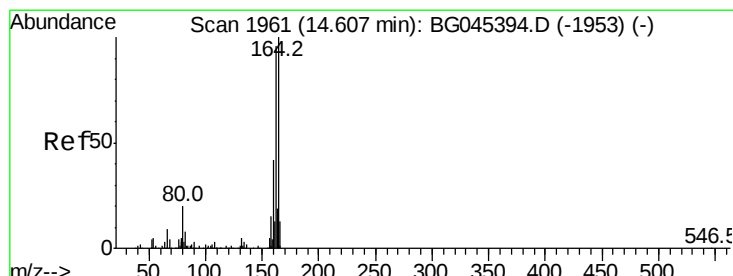
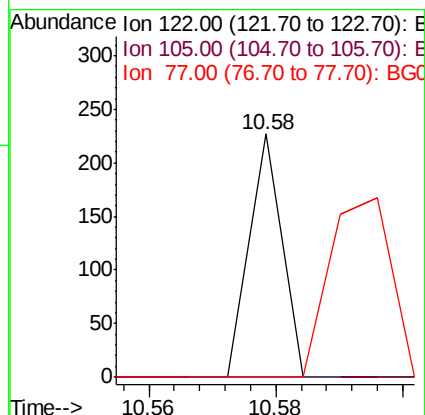
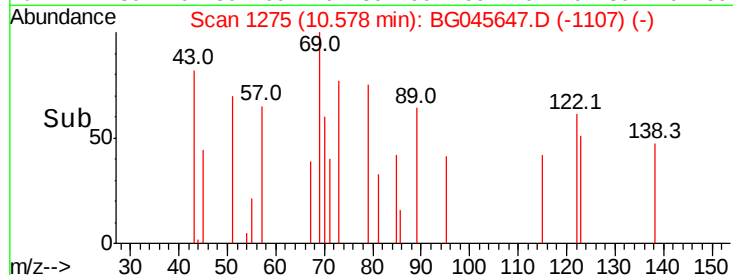
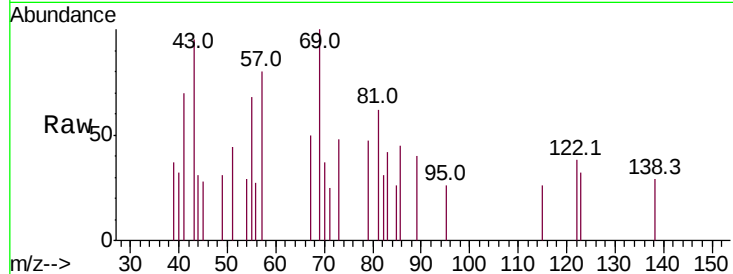




#32
Benzoic acid
Concen: 10.053 ng
RT: 10.58 min Scan# 1275
Delta R.T. 0.46 min
Lab File: BG045647.D
Acq: 8 Jun 2020 18:15

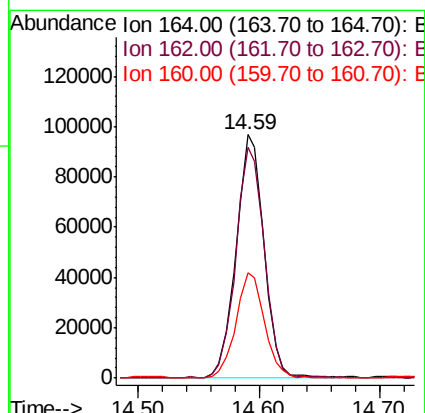
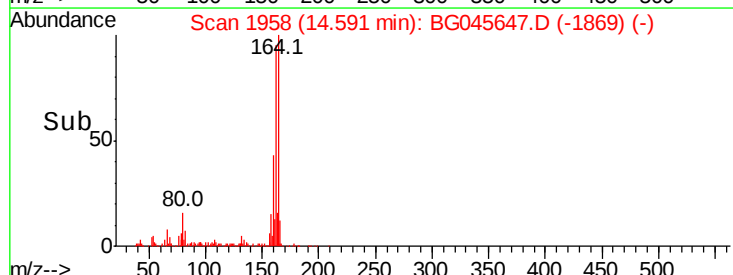
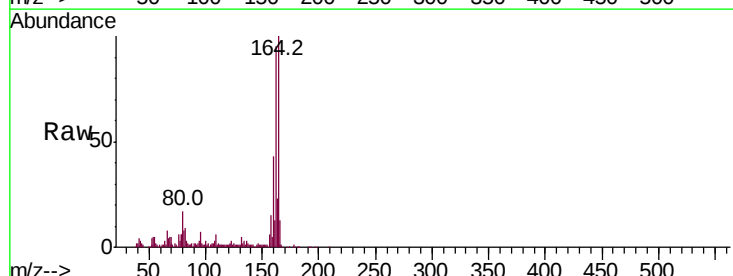
Instrument :
BNA_G
ClientSampled :
VE-1-4

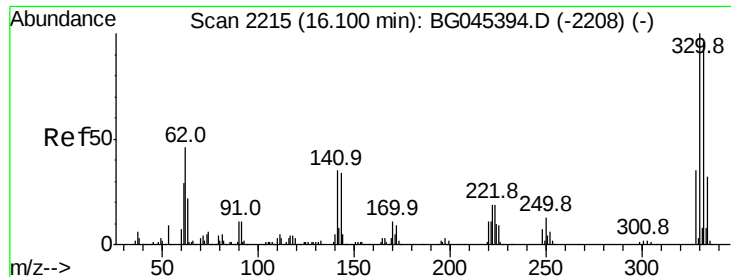
Tot Ion:122 Resp: 80
Ion Ratio Lower Upper
122 100
105 0.0 107.9 147.9#
77 0.0 78.9 118.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045647.D
Acq: 8 Jun 2020 18:15

Tgt Ion:164 Resp: 155008
Ion Ratio Lower Upper
164 100
162 94.6 76.9 115.3
160 43.4 33.8 50.8

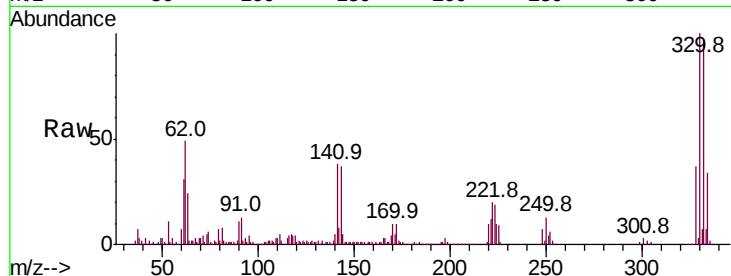




#42
 2,4,6-Tribromophenol
 Concen: 153.134 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045647.D
 Acq: 8 Jun 2020 18:15

Instrument :
 BNA_G
 ClientSampled :
 VE-1-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.2	117.4
141	37.0	28.2	42.4

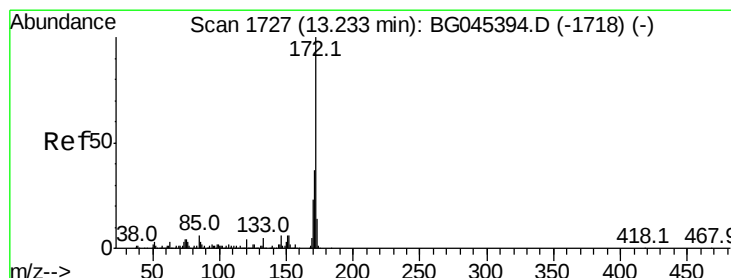
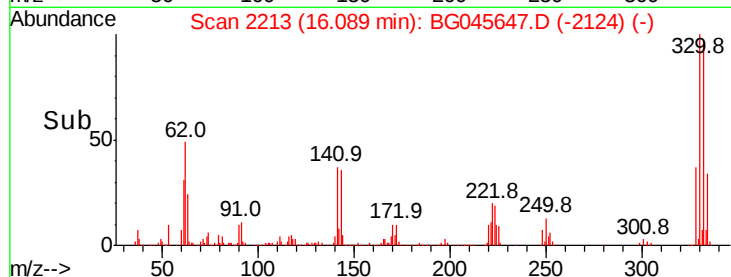
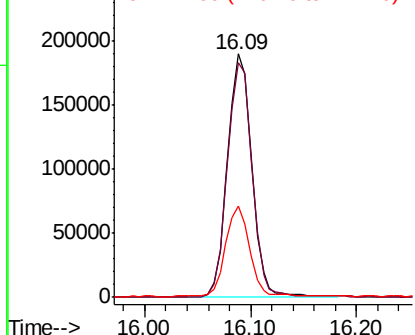


Abundance

Ion 329.80 (329.50 to 330.50): E

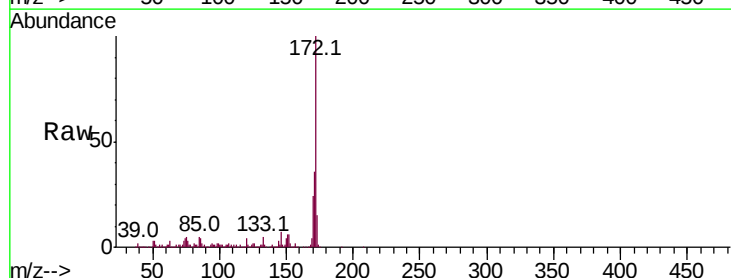
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 103.701 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045647.D
 Acq: 8 Jun 2020 18:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.5	44.3
170	23.7	18.5	27.7

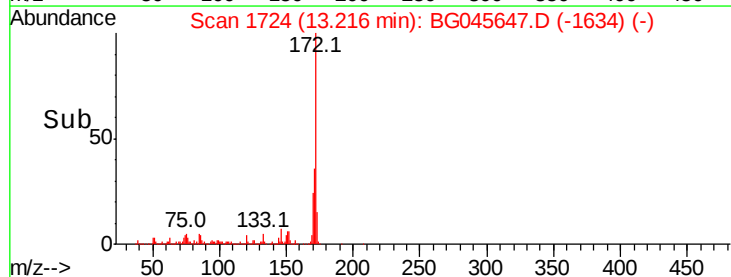
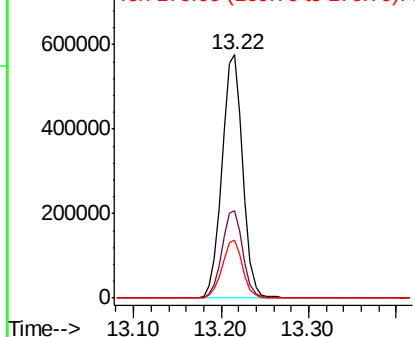


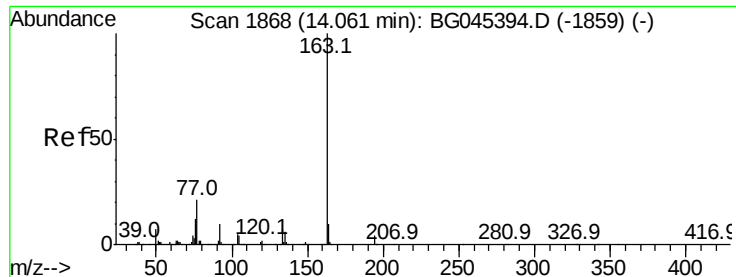
Abundance

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: 18.272 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045647.D

Acq: 8 Jun 2020 18:15

Instrument :

BNA_G

ClientSampleId :

VE-1-4

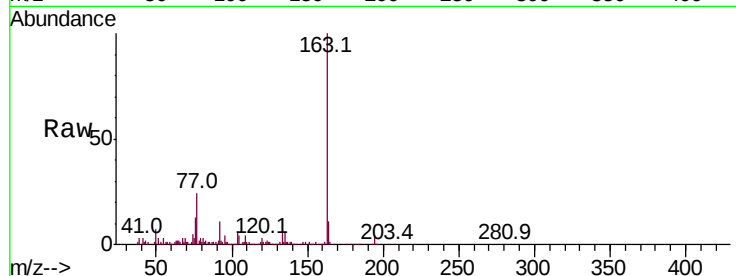
Tot Ion:163 Resp: 194297

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

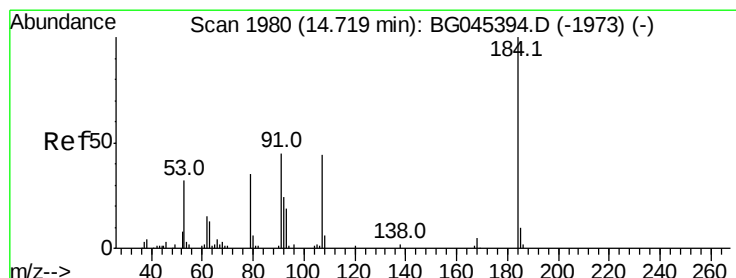
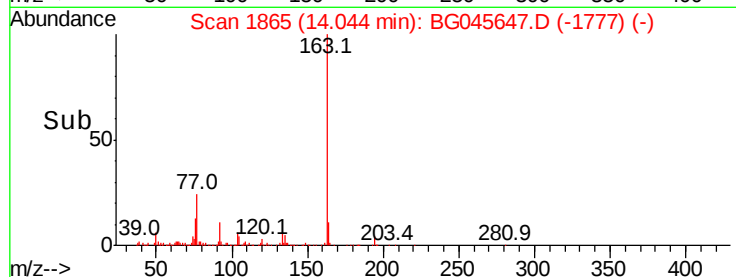
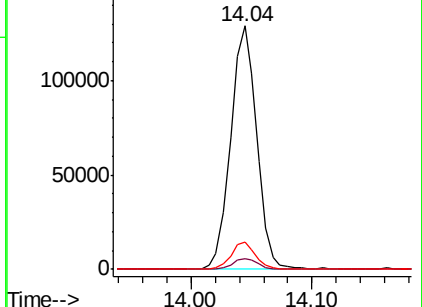
164 11.2 8.3 12.5



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: 5.491 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BG045647.D

Acq: 8 Jun 2020 18:15

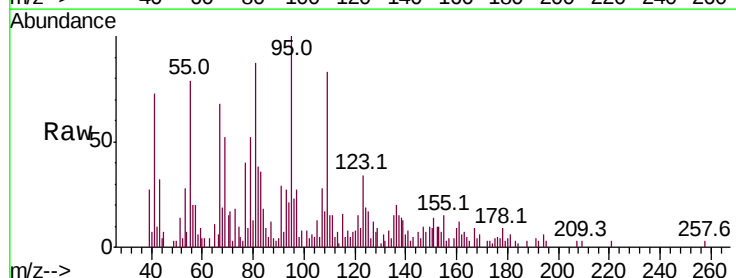
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 181.2 47.8 71.6#

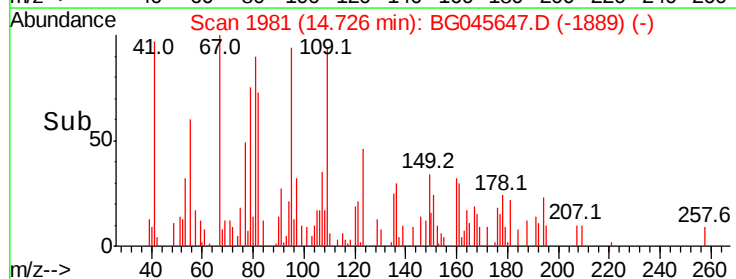
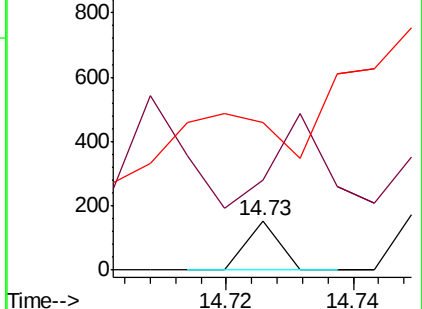
154 298.7 58.3 87.5#

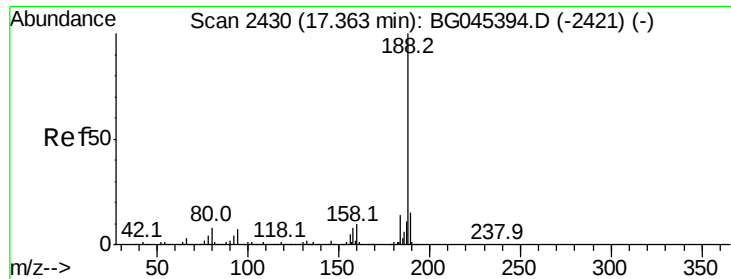


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045647.D

Acq: 8 Jun 2020 18:15

Instrument :

BNA_G

ClientSampled :

VE-1-4

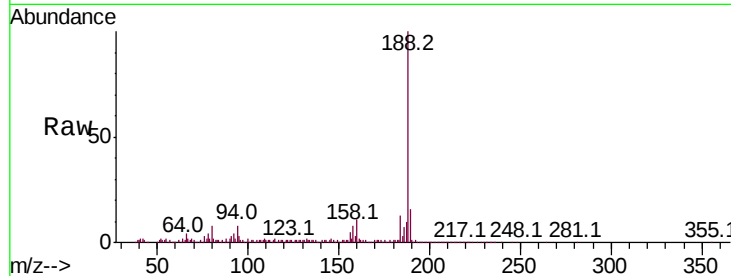
Tot Ion:188 Resp: 338147

Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

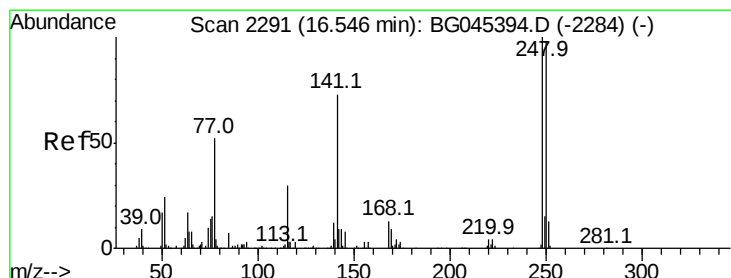
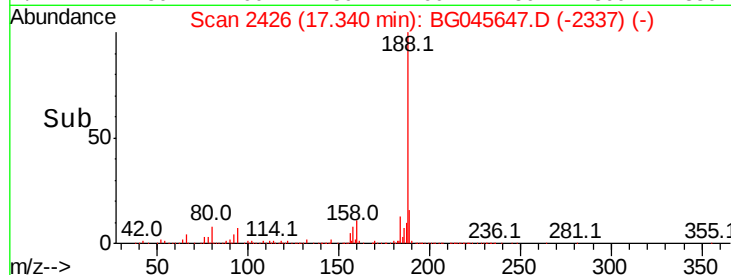
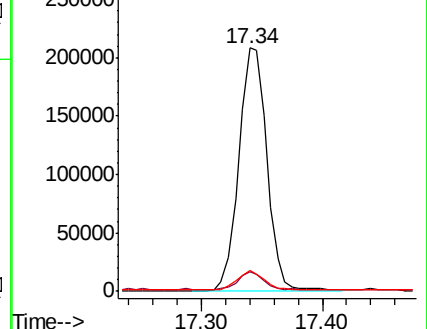
80 8.5 6.6 10.0



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: 5.670 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.45 min

Lab File: BG045647.D

Acq: 8 Jun 2020 18:15

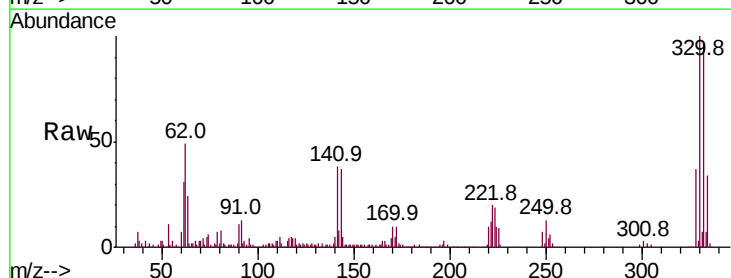
Tgt Ion:248 Resp: 20761

Ion Ratio Lower Upper

248 100

250 199.1 78.6 117.8#

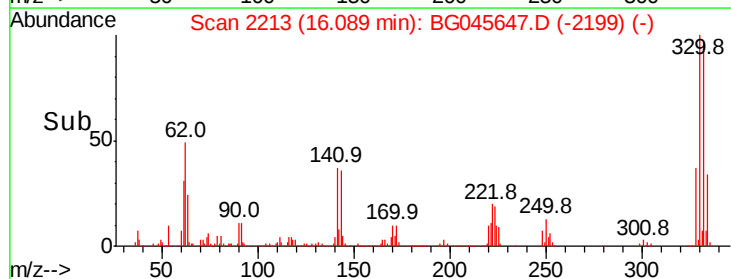
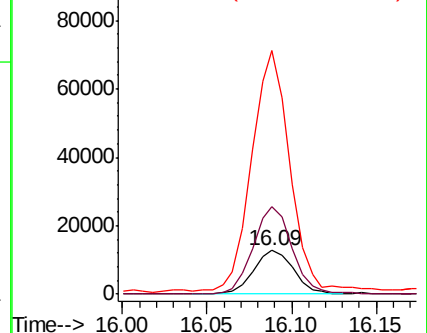
141 557.0 58.2 87.2#

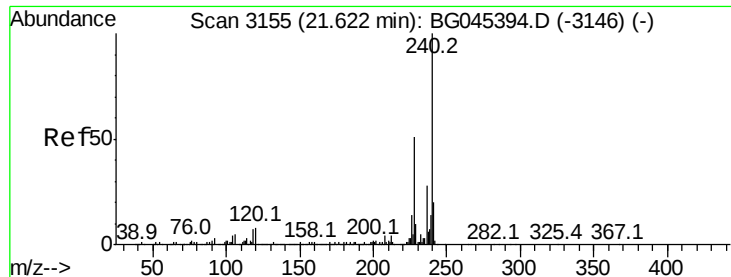


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045647.D

Acq: 8 Jun 2020 18:15

Instrument :

BNA_G

ClientSampleId :

VE-1-4

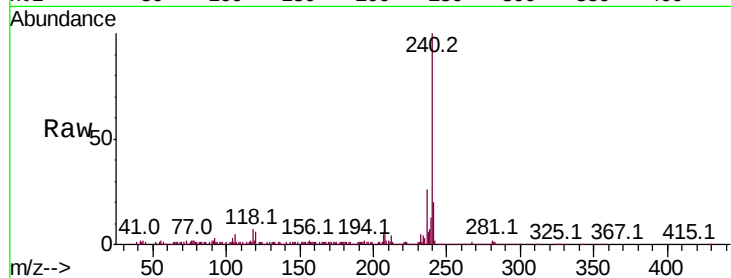
Tot Ion:240 Resp: 343761

Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

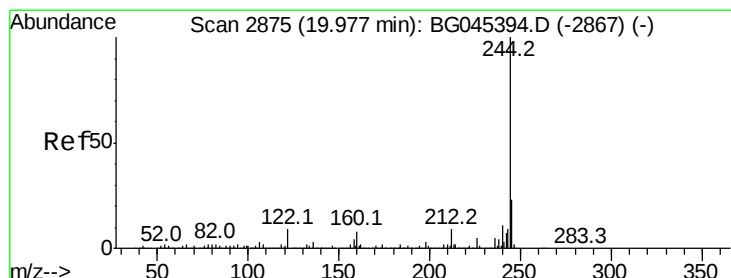
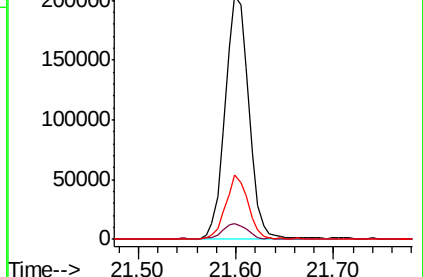
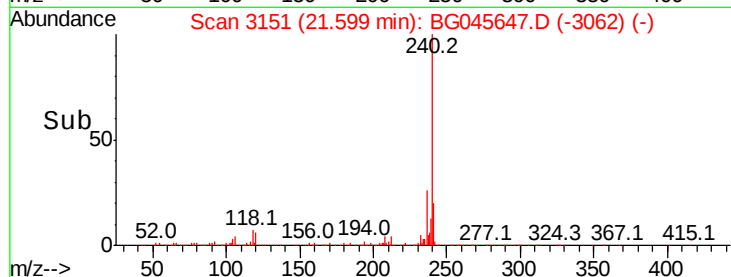
236 26.4 22.3 33.5



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: 104.121 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045647.D

Acq: 8 Jun 2020 18:15

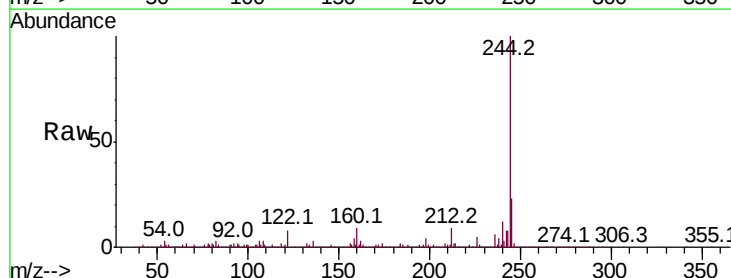
Tgt Ion:244 Resp: 1534657

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

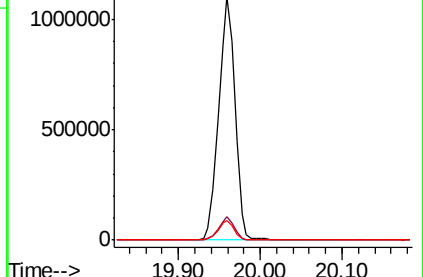
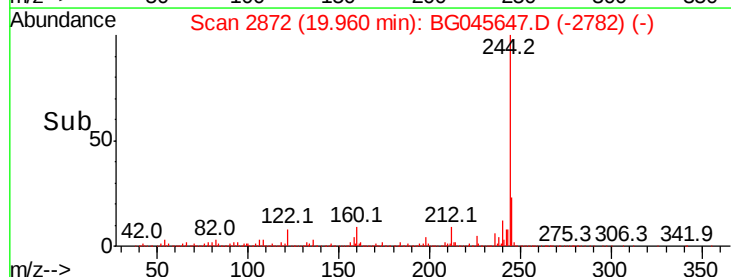
122 7.9 6.8 10.2

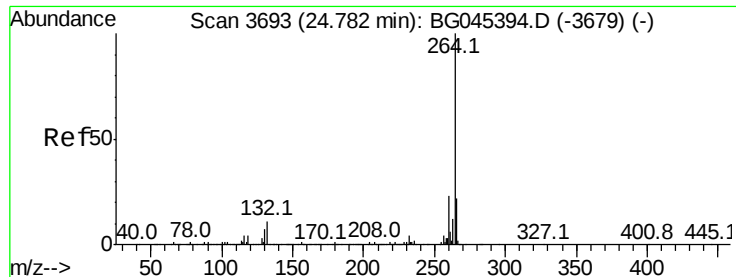


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

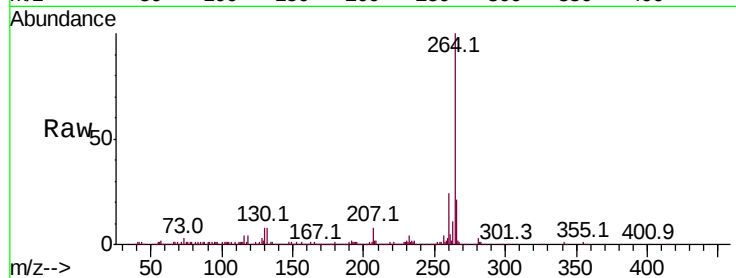




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045647.D
Acq: 8 Jun 2020 18:15

Instrument :
BNA_G
ClientSampleId :
VE-1-4

Tot Ion:	264	Resp:	374357
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.3	17.6	26.4



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

