

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052820\
 Data File : BG045493.D
 Acq On : 28 May 2020 12:12
 Operator : CG/JU
 Sample : PB129122BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BL

Quant Time: May 28 13:19:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

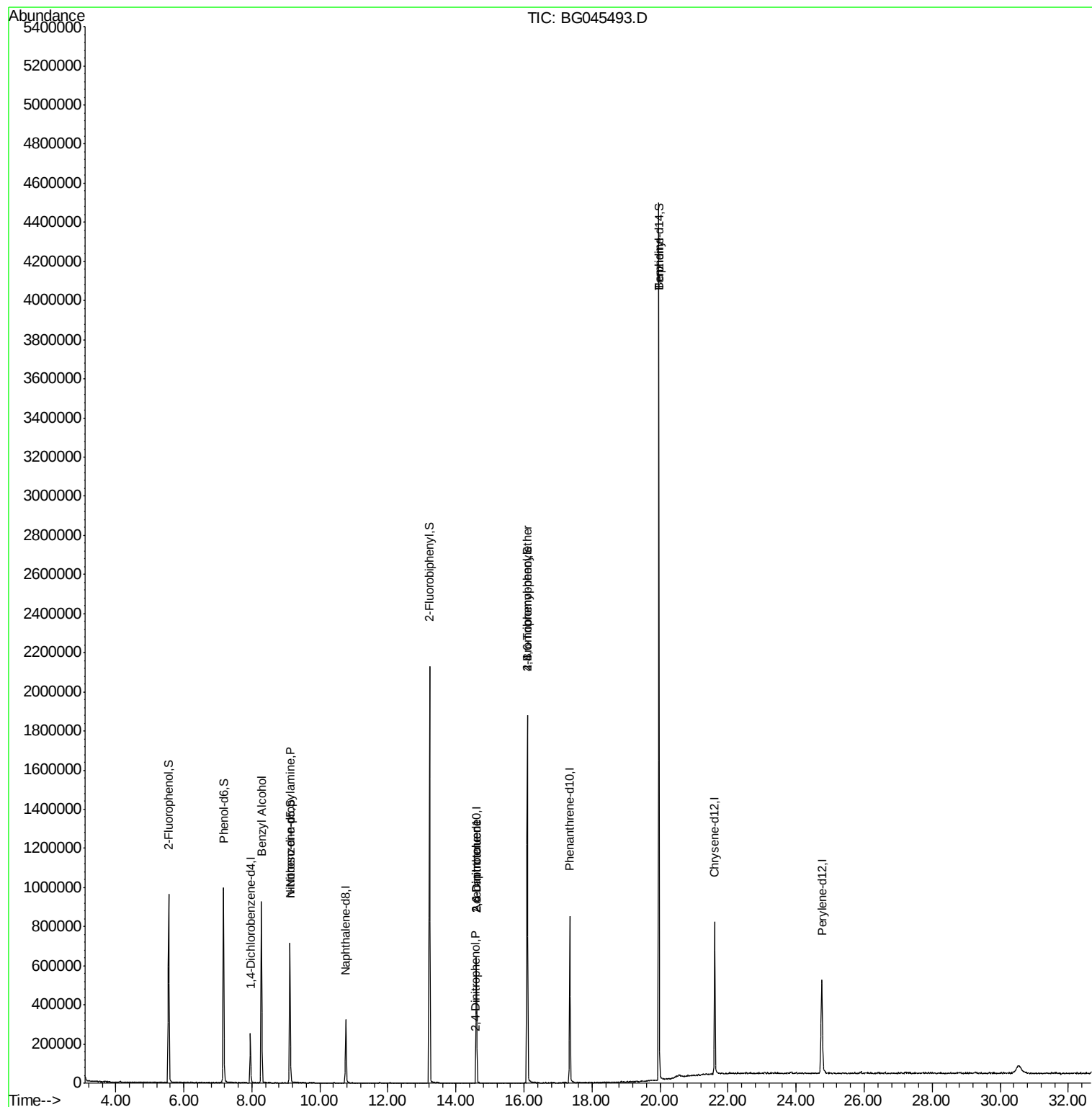
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	73959	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	302080	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	235892	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	574770	20.00	ng	0.00
76) Chrysene-d12	21.61	240	535512	20.00	ng	0.00
87) Perylene-d12	24.76	264	565160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	469179	123.98	ng	0.00
7) Phenol-d6	7.17	99	678277	125.92	ng	0.00
23) Nitrobenzene-d5	9.12	82	500692	90.39	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	397273	131.69	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1210652	87.05	ng	0.00
79) Terphenyl-d14	19.96	244	2095580	91.27	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	9453	2.124	ng	# 51
19) n-Nitroso-di-n-propylamine	9.12	70	67818	18.207	ng	# 79
51) 2,6-Dinitrotoluene	14.60	165	32693	8.953	ng	# 23
54) 2,4-Dinitrophenol	14.57	184	53	5.480	ng	# 17
57) 2,4-Dinitrotoluene	14.60	165	32693	6.182	ng	# 23
67) 4-Bromophenyl-phenylether	16.10	248	27297	4.386	ng	# 1
77) Benizidine	19.96	184	42024	2.794	ng	# 92

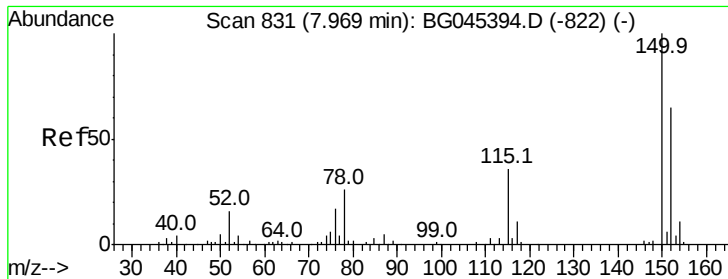
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052820\
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Quant Time: May 28 13:19:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration



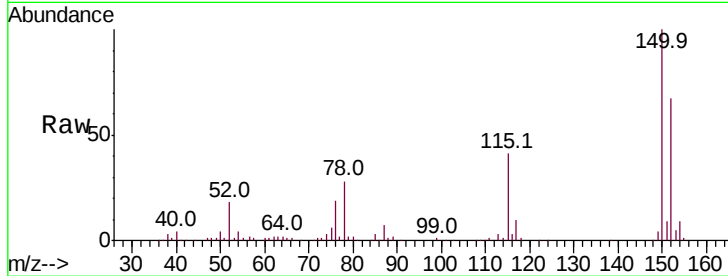


#1

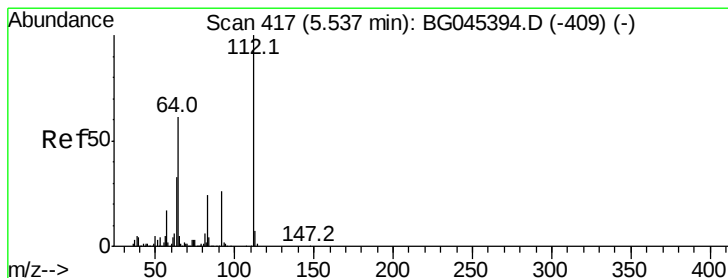
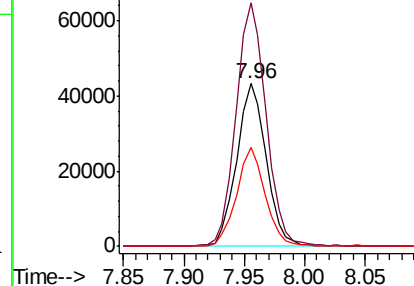
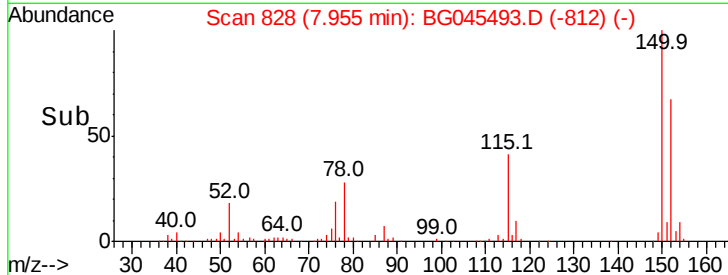
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045493.D
Acq: 28 May 2020 12:12

Instrument :
BNA_G
ClientSampleId :
PB129122BL

Tot Ion:152 Resp: 73959
Ion Ratio Lower Upper
152 100
150 149.6 122.4 183.6
115 60.8 44.2 66.4



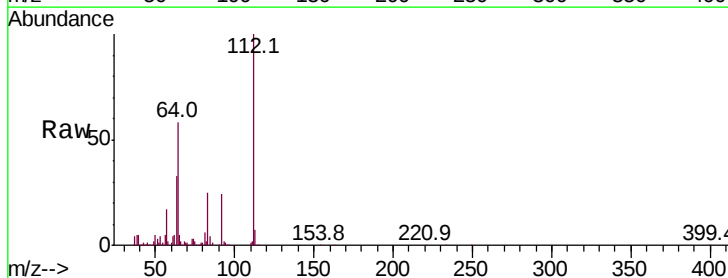
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



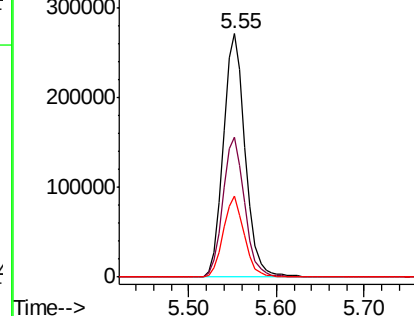
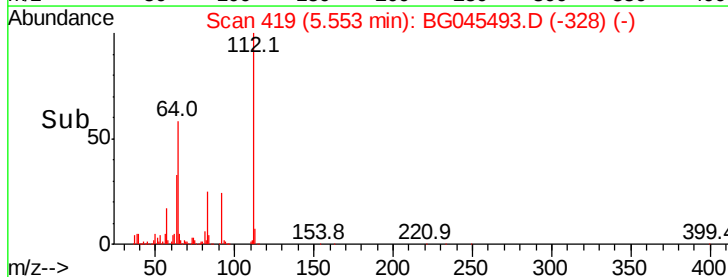
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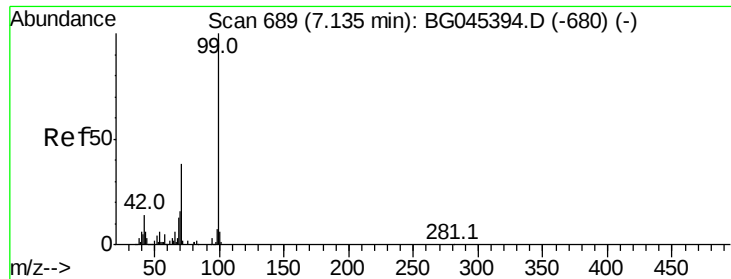
2-Fluorophenol
Concen: 123.976 ng
RT: 5.55 min Scan# 419
Delta R.T. 0.00 min
Lab File: BG045493.D
Acq: 28 May 2020 12:12

Tgt Ion:112 Resp: 469179
Ion Ratio Lower Upper
112 100
64 57.5 48.6 72.8
63 33.4 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: 125.925 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045493.D

Acq: 28 May 2020 12:12

Instrument :

BNA_G

ClientSampleId :

PB129122BL

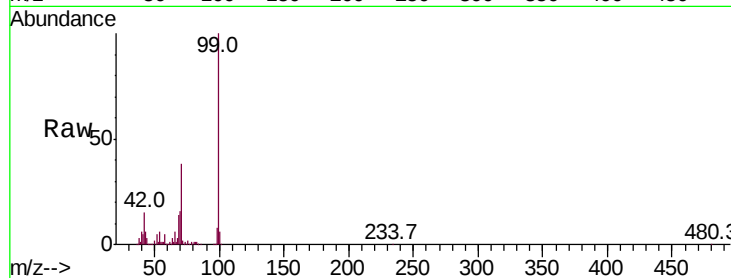
Tot Ion: 99 Resp: 678277

Ion Ratio Lower Upper

99 100

42 14.5 11.3 16.9

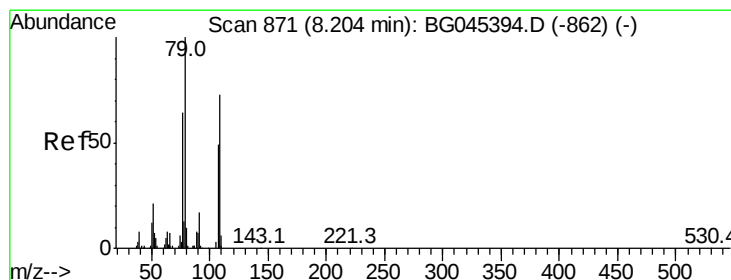
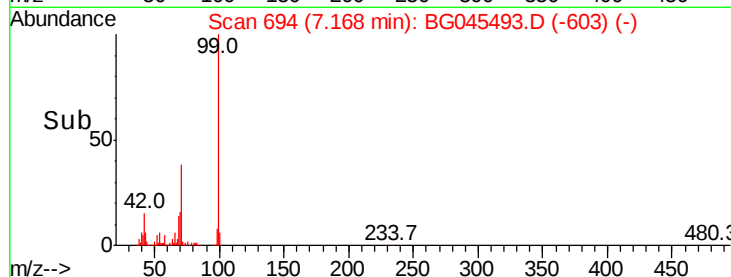
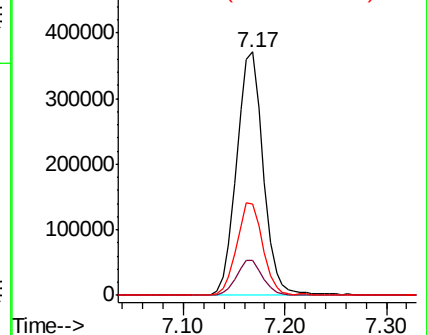
71 37.6 30.8 46.2



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: 2.124 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.07 min

Lab File: BG045493.D

Acq: 28 May 2020 12:12

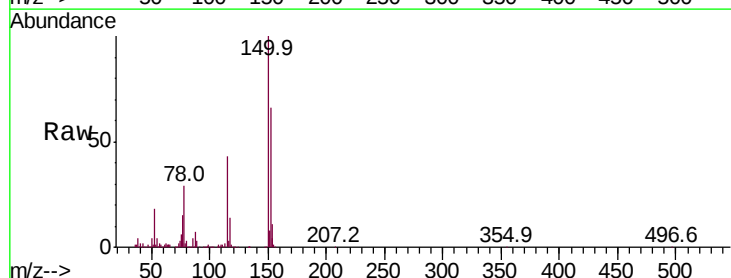
Tgt Ion: 79 Resp: 9453

Ion Ratio Lower Upper

79 100

108 29.1 58.2 87.4#

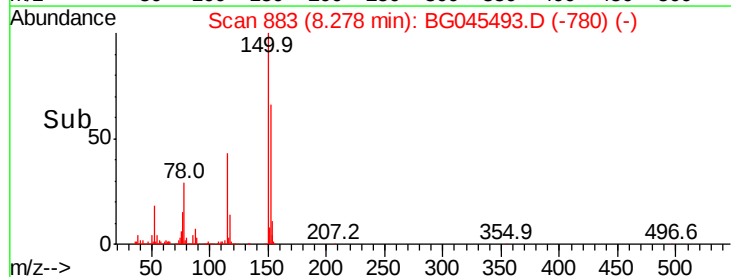
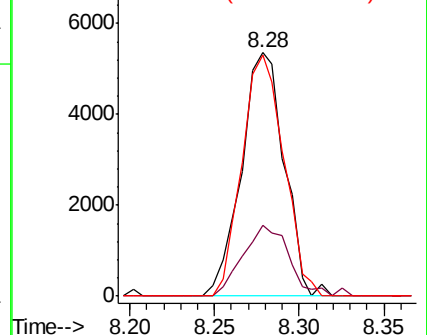
77 99.0 51.0 76.4#

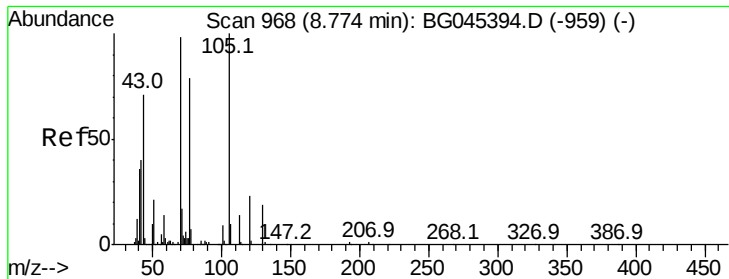


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

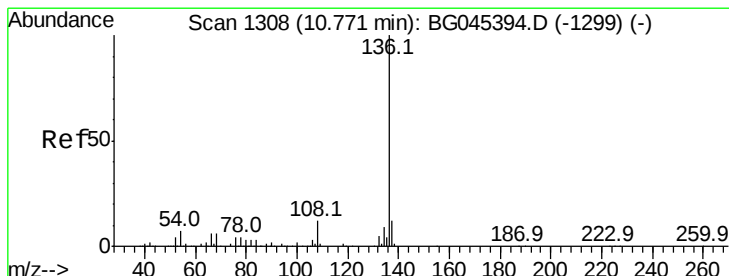
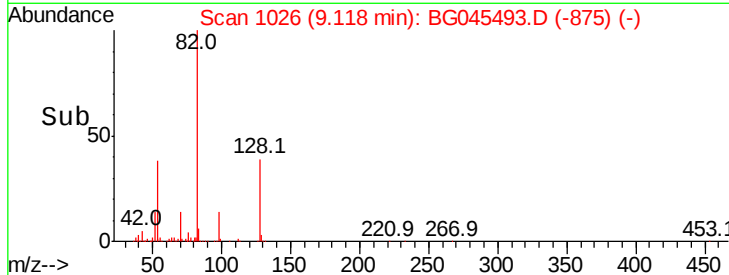
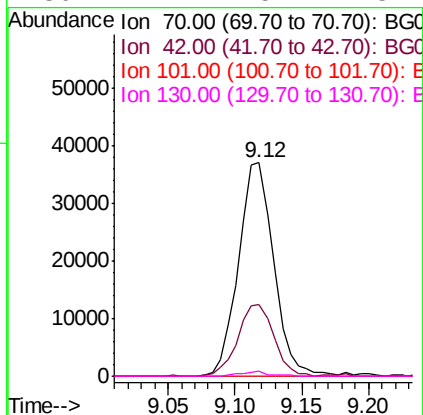
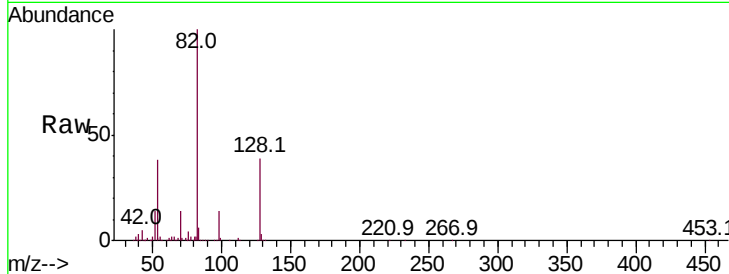




#19
n-Nitroso-di-n-propylamine
Concen: 18.207 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BG045493.D
Acq: 28 May 2020 12:12

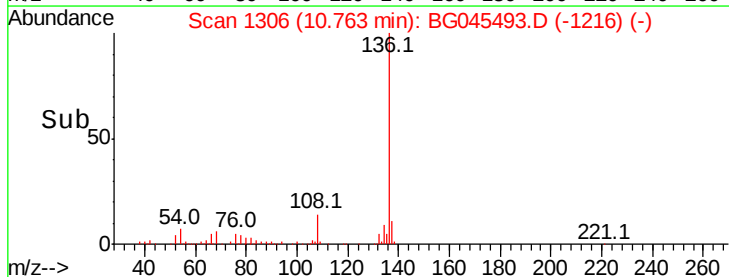
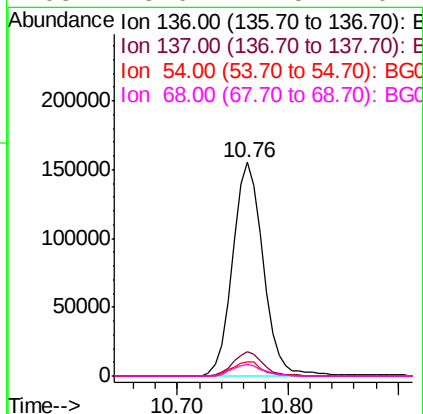
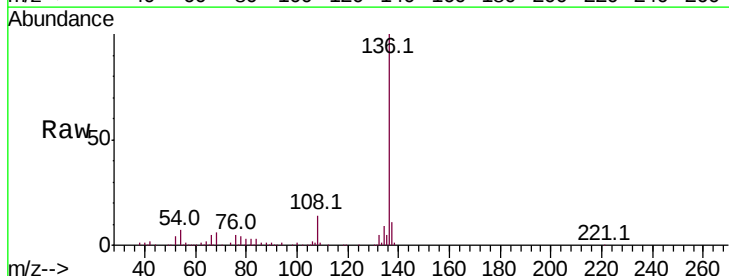
Instrument :
BNA_G
ClientSampleId :
PB129122BL

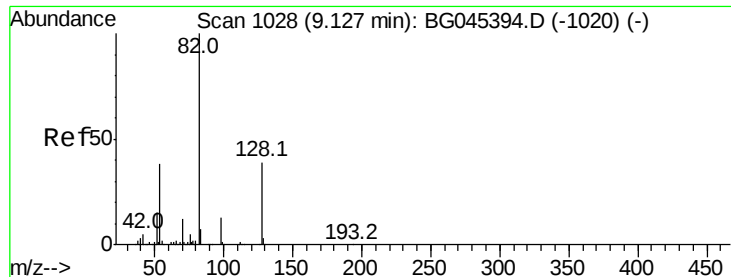
Tot Ion: 70 Resp: 67818
Ion Ratio Lower Upper
70 100
42 33.6 33.2 49.8
101 0.0 7.8 11.6#
130 2.2 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG045493.D
Acq: 28 May 2020 12:12

Tgt Ion:136 Resp: 302080
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 6.5 5.8 8.6
68 5.6 4.5 6.7

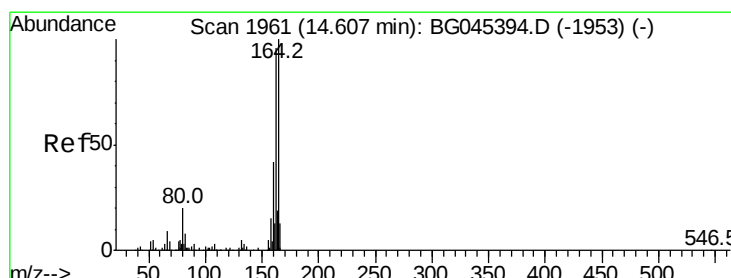
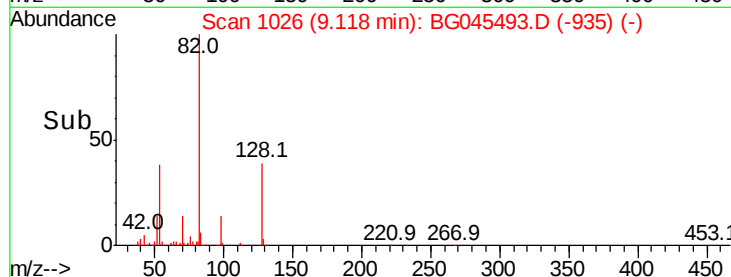
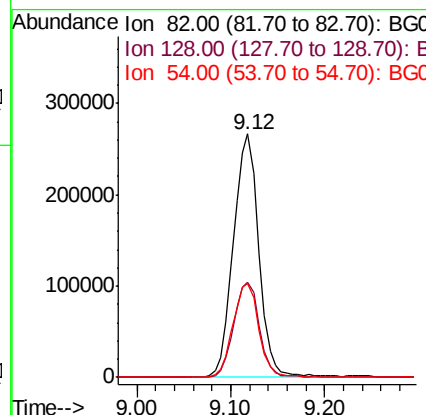
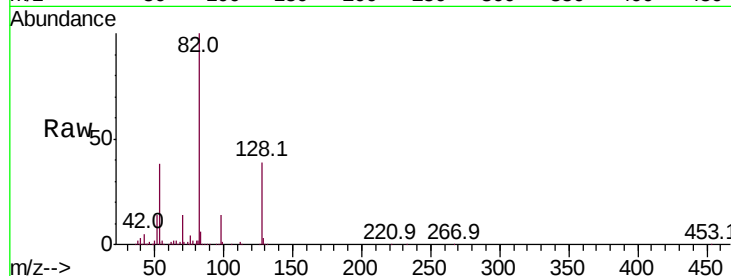




#23
 Nitrobenzene-d5
 Concen: 90.385 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045493.D
 Acq: 28 May 2020 12:12

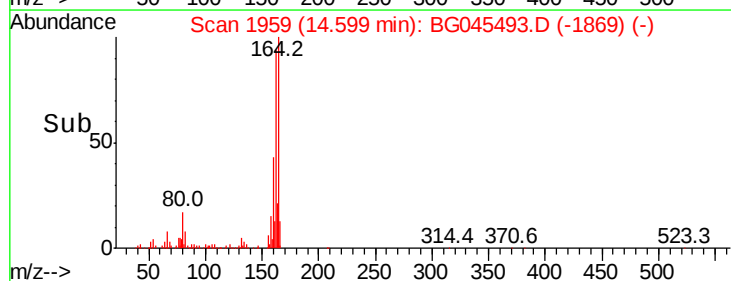
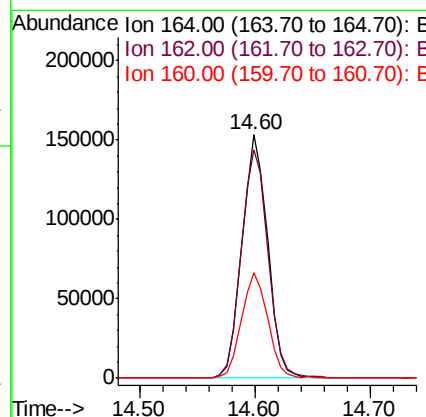
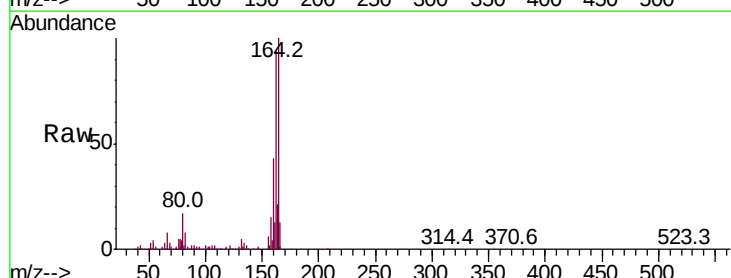
Instrument :
 BNA_G
 ClientSampleId :
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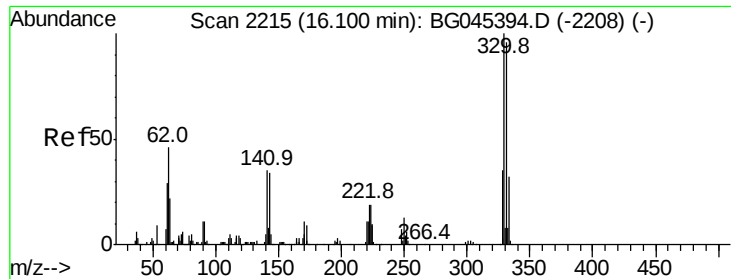
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.9	46.3
54	38.3	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.00 min
 Lab File: BG045493.D
 Acq: 28 May 2020 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.0	76.9	115.3
160	43.3	33.8	50.8

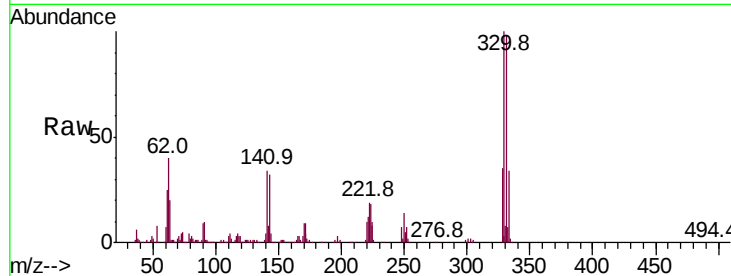




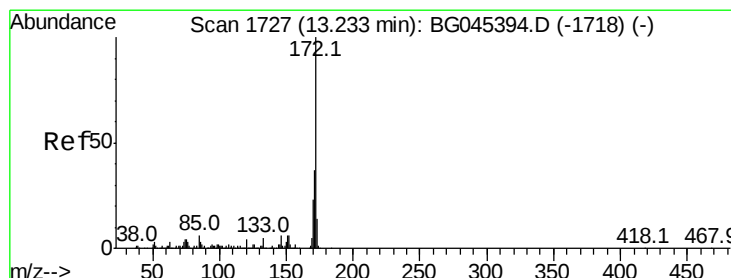
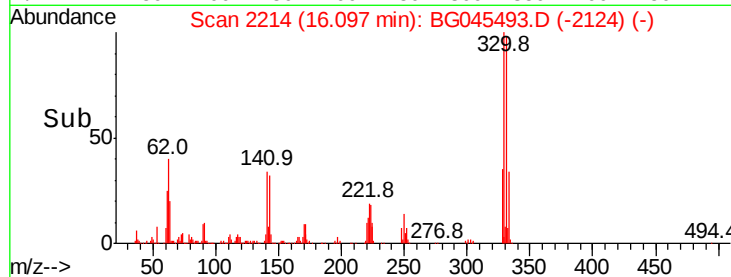
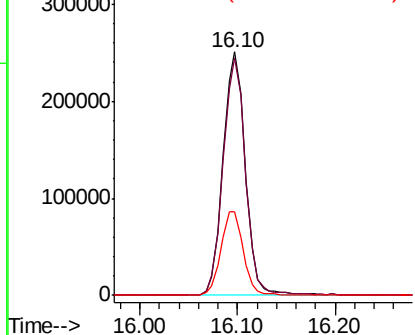
#42
2,4,6-Tribromophenol
Concen: 131.687 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG045493.D
Acq: 28 May 2020 12:12

Instrument :
BNA_G
ClientSampleId :
PB129122BL

Tot Ion:330 Resp: 397273
Ion Ratio Lower Upper
330 100
332 98.1 78.2 117.4
141 34.5 28.2 42.4

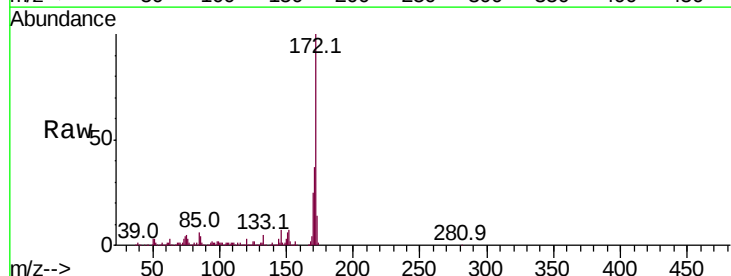


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

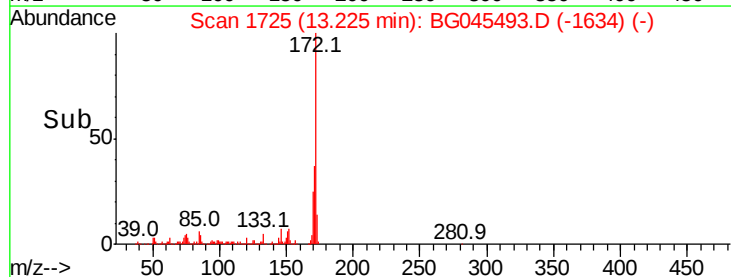
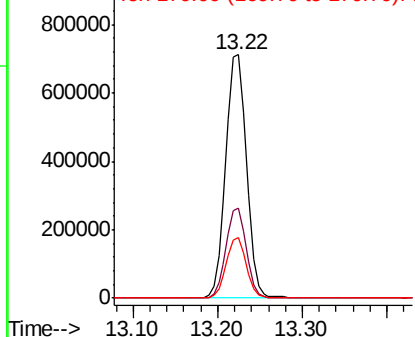


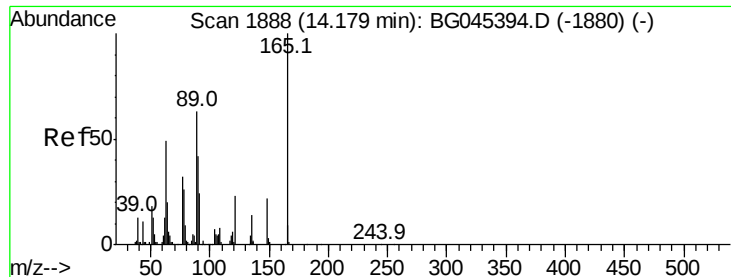
#45
2-Fluorobiphenyl
Concen: 87.053 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG045493.D
Acq: 28 May 2020 12:12

Tgt Ion:172 Resp: 1210652
Ion Ratio Lower Upper
172 100
171 36.9 29.5 44.3
170 24.7 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





#51

2,6-Dinitrotoluene

Concen: 8.953 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.43 min

Lab File: BG045493.D

Acq: 28 May 2020 12:12

Instrument :

BNA_G

ClientSampleId :

PB129122BL

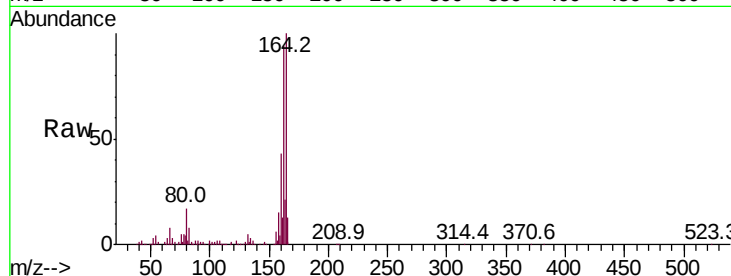
Tot Ion:165 Resp: 32693

Ion Ratio Lower Upper

165 100

63 1.0 45.0 67.4#

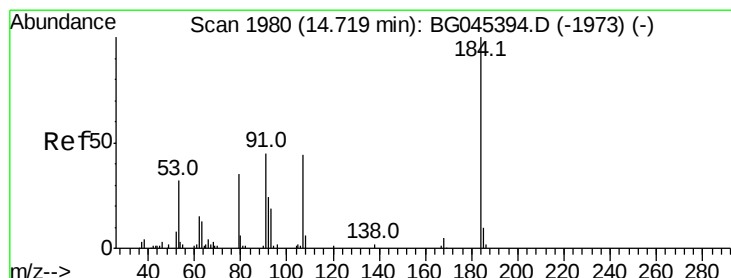
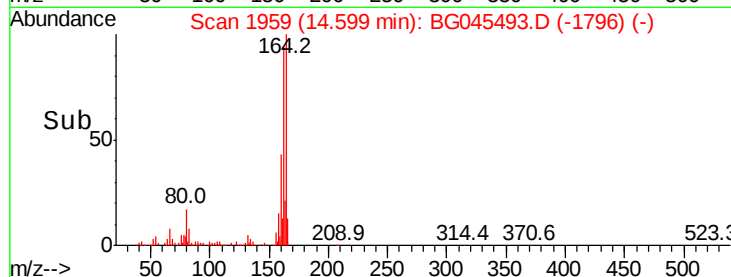
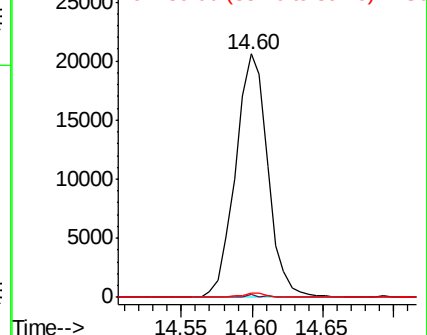
89 1.8 50.2 75.4#



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



#54

2,4-Dinitrophenol

Concen: 5.480 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.15 min

Lab File: BG045493.D

Acq: 28 May 2020 12:12

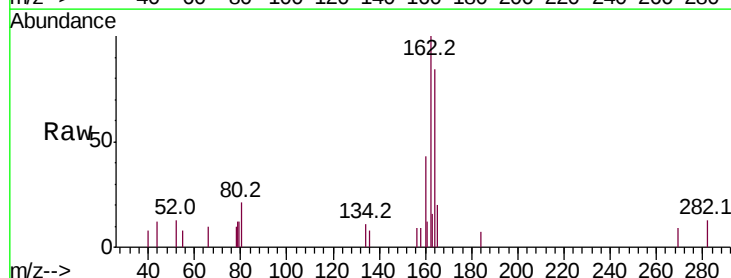
Tgt Ion:184 Resp: 53

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

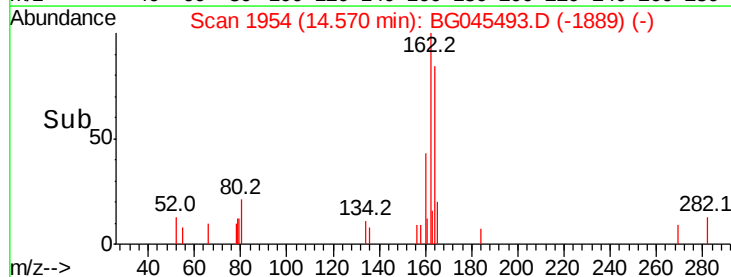
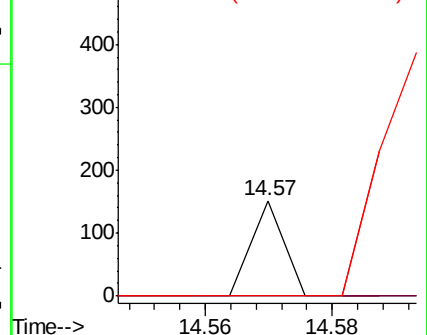
154 0.0 58.3 87.5#

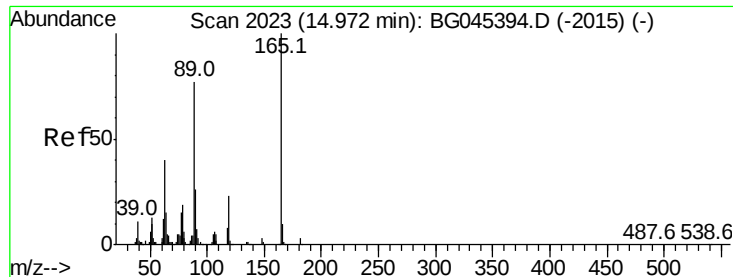


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

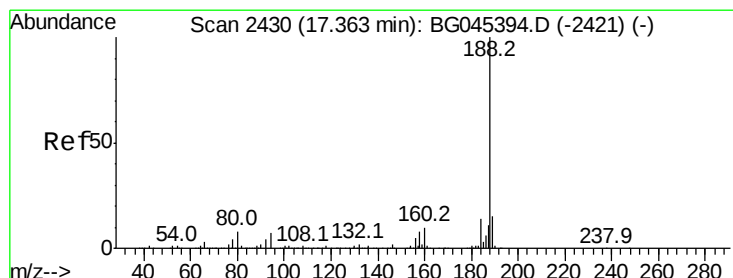
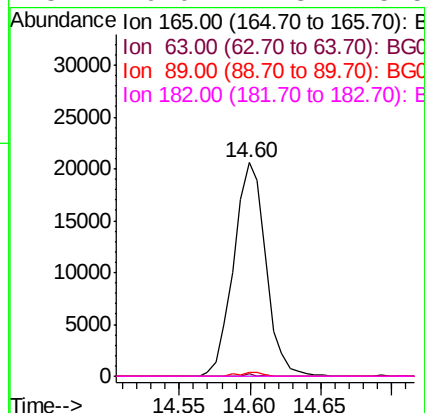
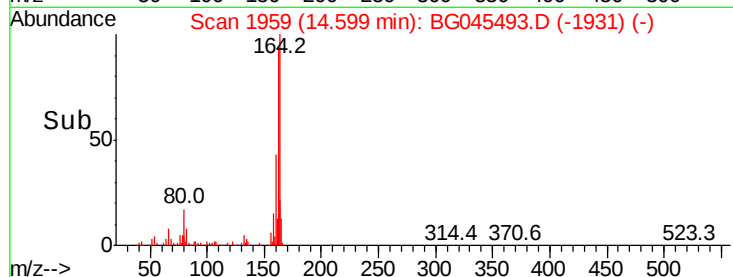
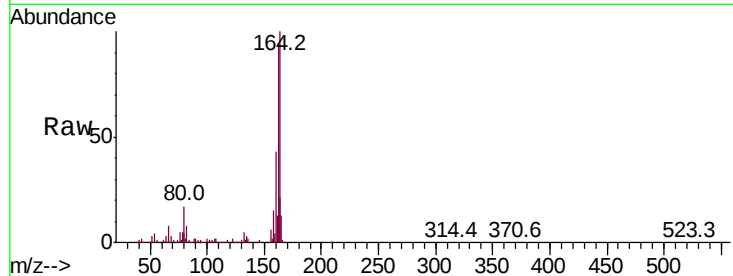




#57
 2,4-Dinitrotoluene
 Concen: 6.182 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.37 min
 Lab File: BG045493.D
 Acq: 28 May 2020 12:12

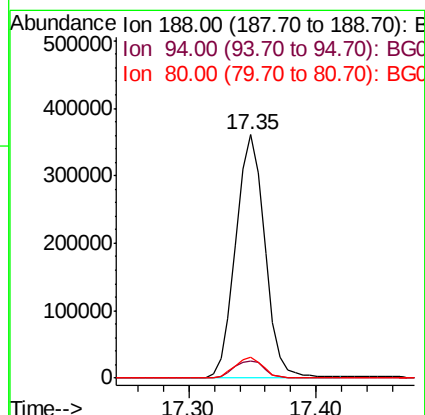
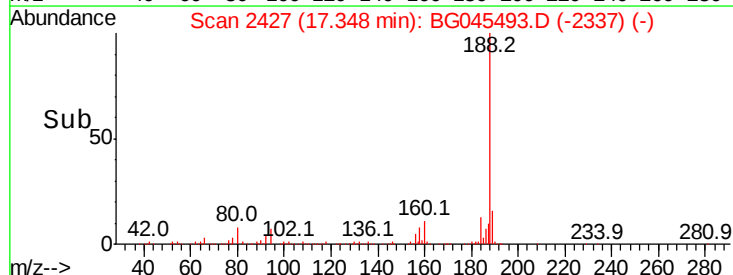
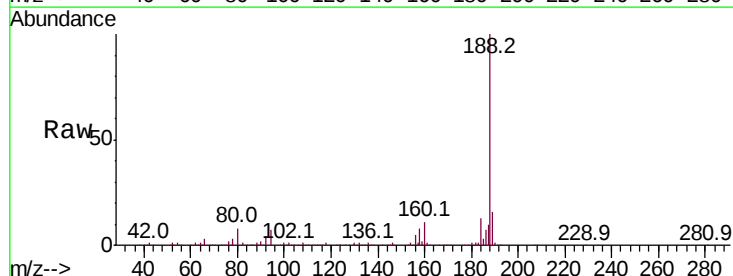
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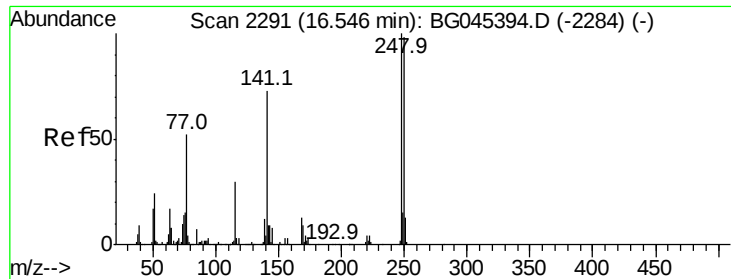
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.5	48.7#
89	1.8	61.8	92.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG045493.D
 Acq: 28 May 2020 12:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.5	8.3
80	8.4	6.6	10.0

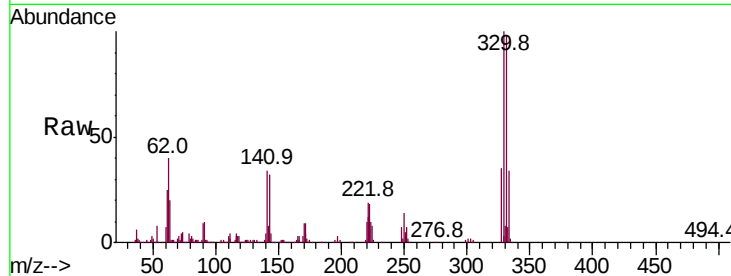




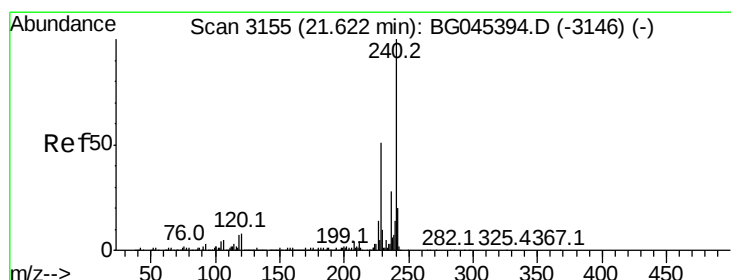
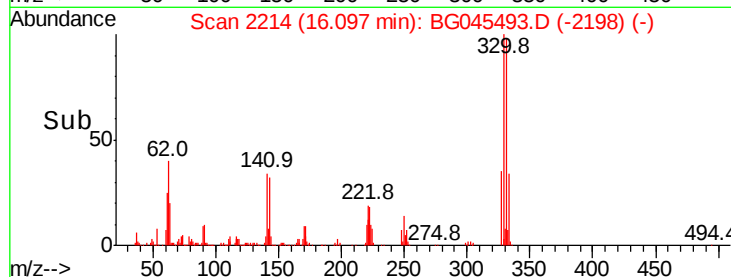
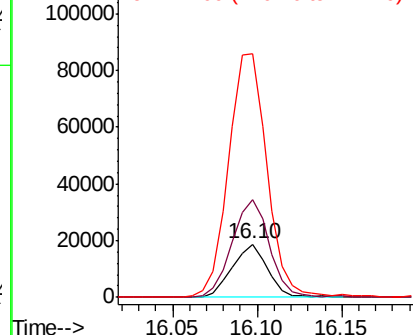
#67
4-Bromophenyl-phenylether
Concen: 4.386 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.44 min
Lab File: BG045493.D
Acq: 28 May 2020 12:12

Instrument :
BNA_G
ClientSampleId :
PB129122BL

Tot Ion:248 Resp: 27297
Ion Ratio Lower Upper
248 100
250 184.0 78.6 117.8#
141 458.0 58.2 87.2#

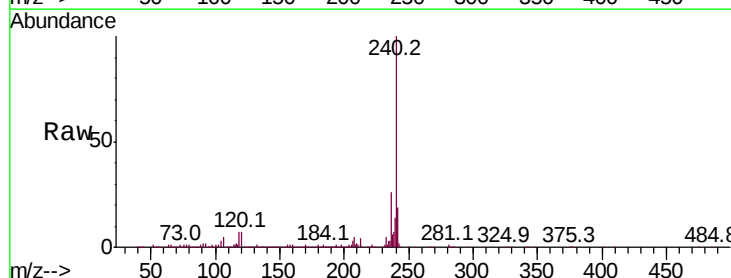


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

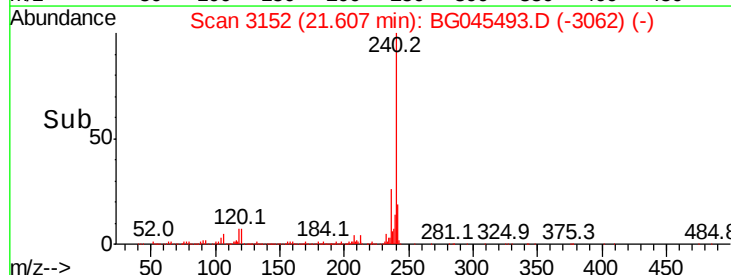
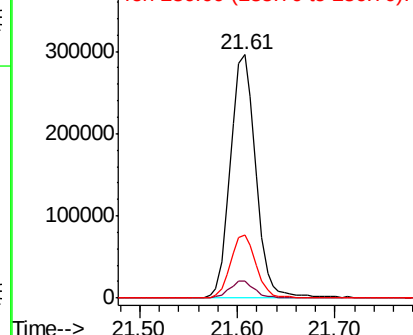


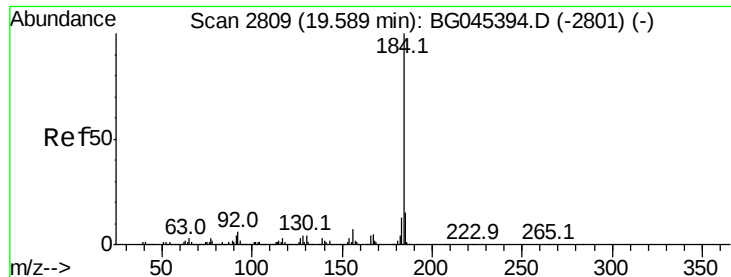
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG045493.D
Acq: 28 May 2020 12:12

Tgt Ion:240 Resp: 535512
Ion Ratio Lower Upper
240 100
120 6.8 6.1 9.1
236 25.9 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





#77

Benzidine

Concen: 2.794 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045493.D

Acq: 28 May 2020 12:12

Instrument :

BNA_G

ClientSampleId :

PB129122BL

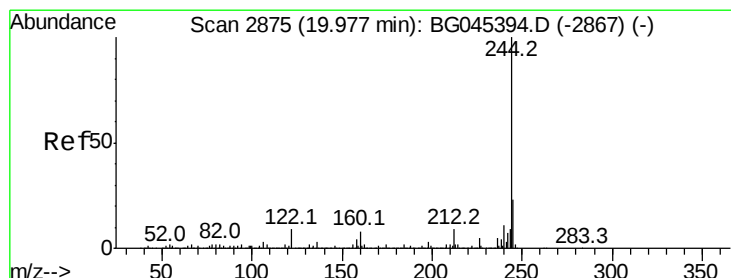
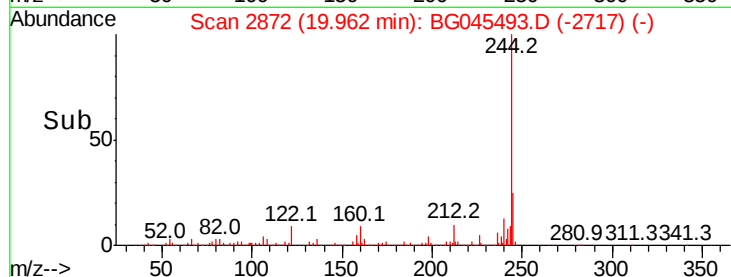
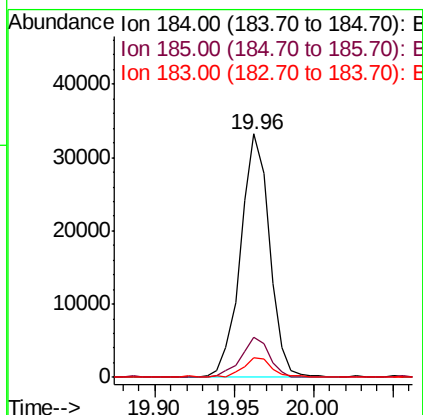
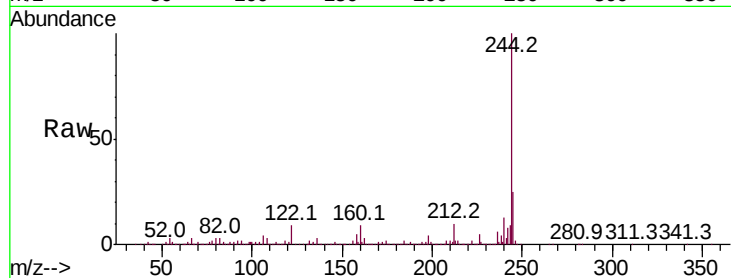
Tot Ion:184 Resp: 42024

Ion Ratio Lower Upper

184 100

185 16.6 11.7 17.5

183 8.1 10.2 15.4#



#79

Terphenyl-d14

Concen: 91.268 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045493.D

Acq: 28 May 2020 12:12

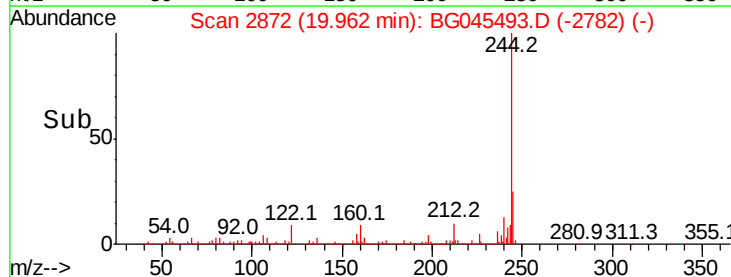
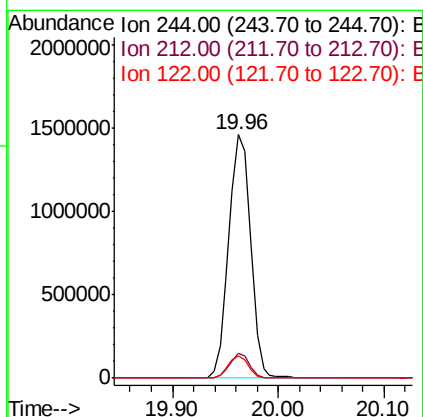
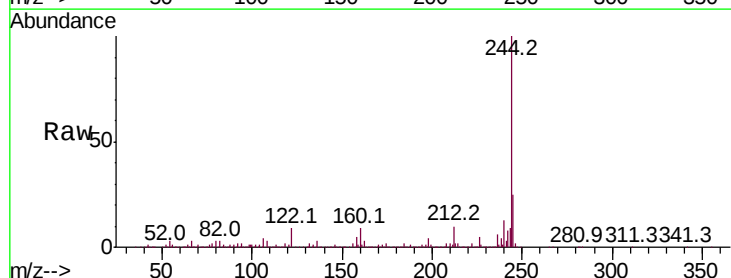
Tgt Ion:244 Resp: 2095580

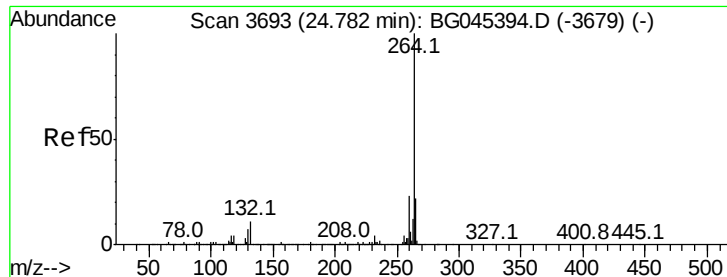
Ion Ratio Lower Upper

244 100

212 10.1 7.4 11.0

122 9.2 6.8 10.2

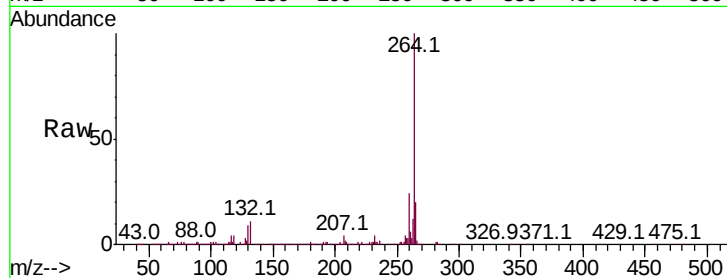




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045493.D
Acq: 28 May 2020 12:12

Instrument :
BNA_G
ClientSampleId :
PB129122BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	20.4	17.6	26.4



Abundance

Ion 264.00 (263.70 to 264.70): E

250000

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

