

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045526.D
 Acq On : 29 May 2020 16:38
 Operator : CG/JU
 Sample : L2746-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-4

Quant Time: May 29 17:21:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

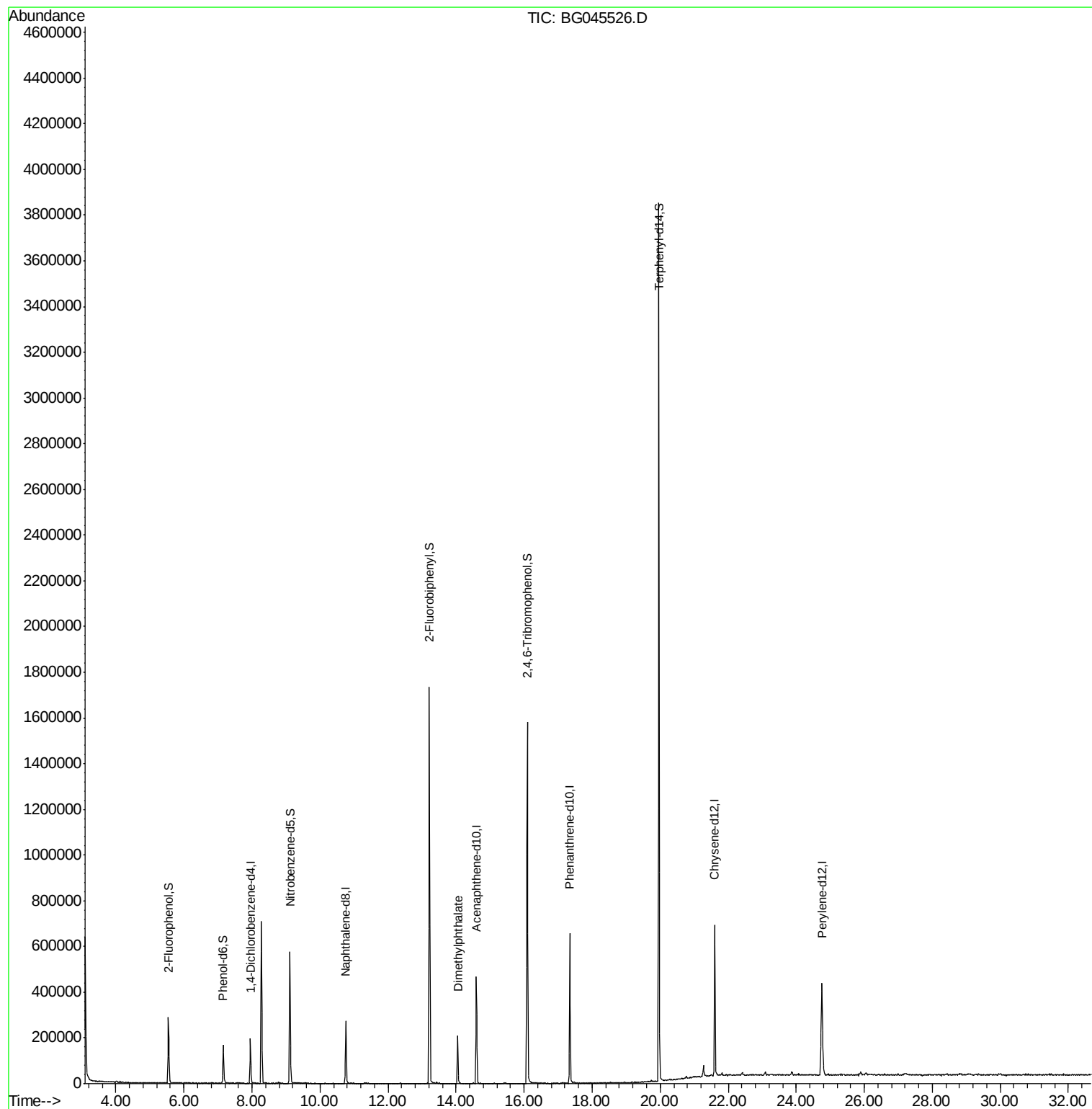
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	58039	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	239947	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	176594	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	429153	20.00	ng	0.00
76) Chrysene-d12	21.60	240	426675	20.00	ng	0.00
87) Perylene-d12	24.75	264	456982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	142620	48.02	ng	0.00
7) Phenol-d6	7.16	99	117952	27.90	ng	0.00
23) Nitrobenzene-d5	9.12	82	402959	91.58	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	335816	148.69	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	996824	95.75	ng	0.00
79) Terphenyl-d14	19.97	244	1967071	107.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	147977	12.22	ng	Qvalue 99

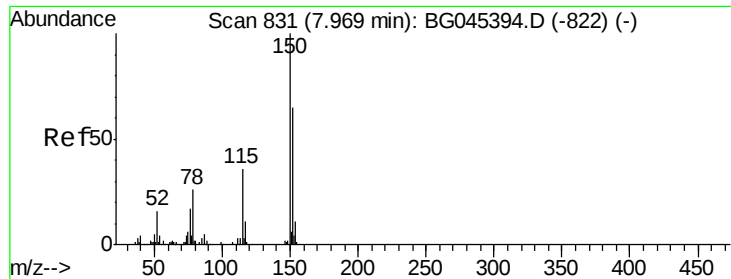
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG045526.D

Acq: 29 May 2020 16:38

Instrument :

BNA_G

ClientSampleId :

NM-EB-4

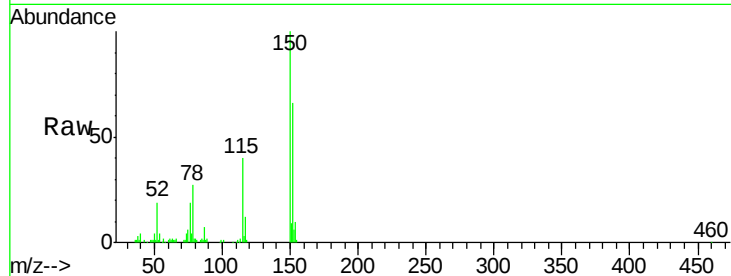
Tgt Ion:152 Resp: 58039

Ion Ratio Lower Upper

152 100

150 150.4 122.4 183.6

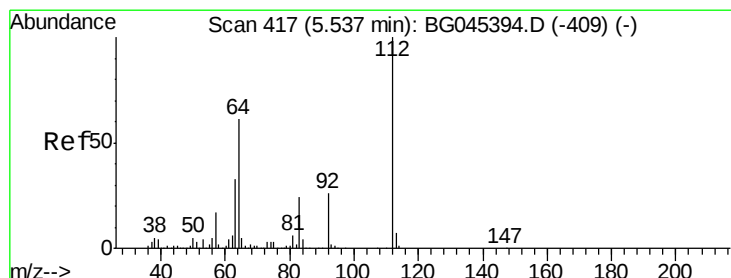
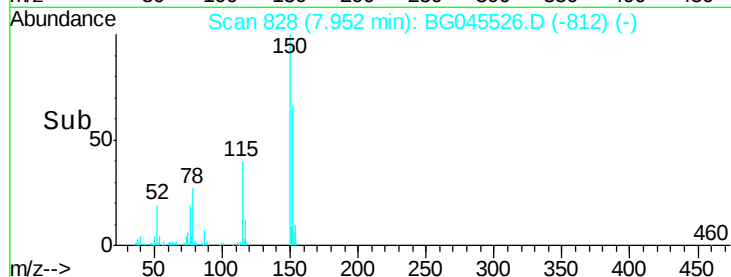
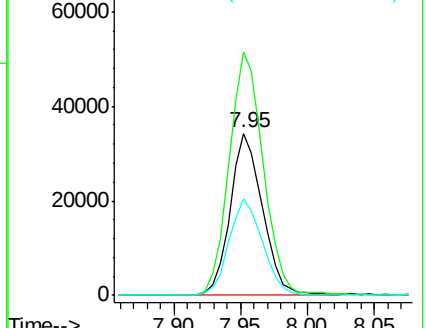
115 59.4 44.2 66.4



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: 48.02 ng

RT: 5.54 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG045526.D

Acq: 29 May 2020 16:38

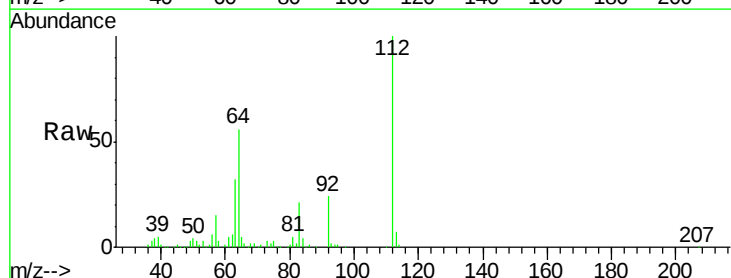
Tgt Ion:112 Resp: 142620

Ion Ratio Lower Upper

112 100

64 55.9 48.6 72.8

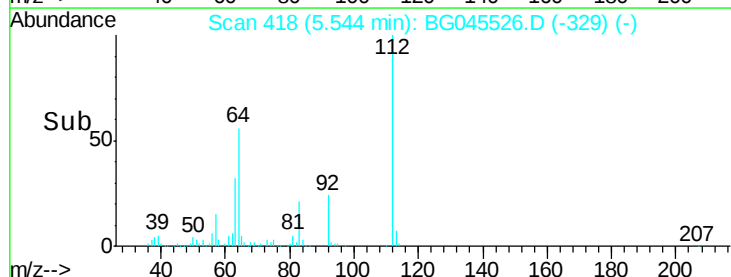
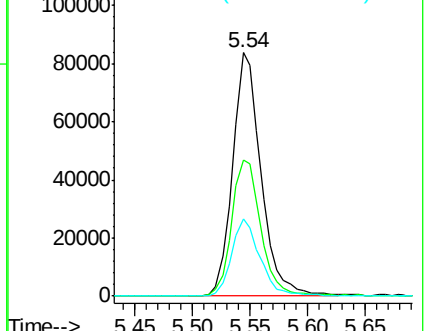
63 32.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 27.90 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045526.D

Acq: 29 May 2020 16:38

Instrument :

BNA_G

ClientSampleId :

NM-EB-4

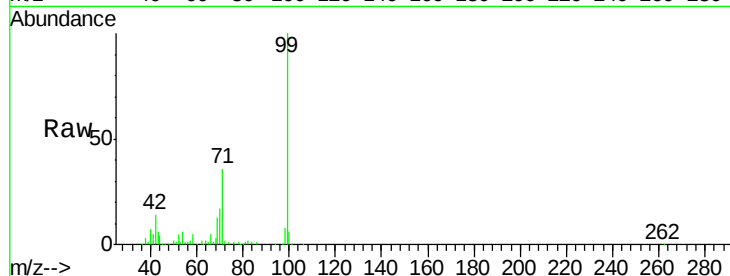
Tgt Ion: 99 Resp: 117952

Ion Ratio Lower Upper

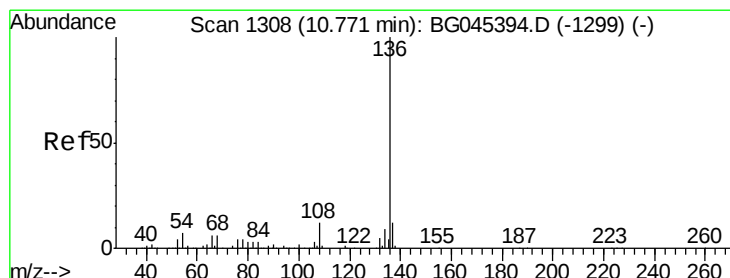
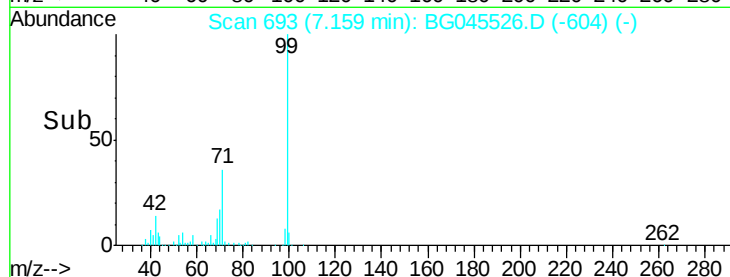
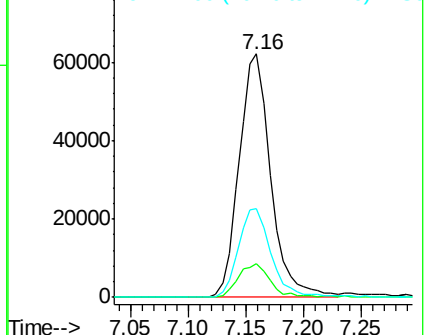
99 100

42 13.8 11.3 16.9

71 36.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG045526.D

Acq: 29 May 2020 16:38

Tgt Ion: 136 Resp: 239947

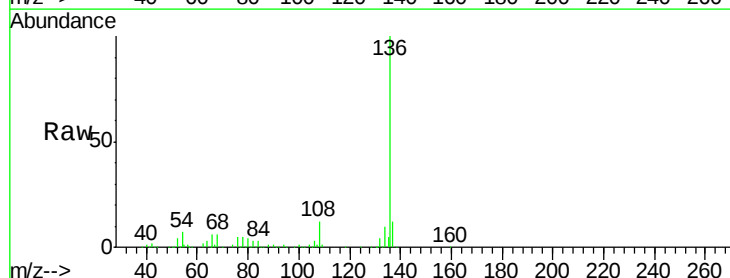
Ion Ratio Lower Upper

136 100

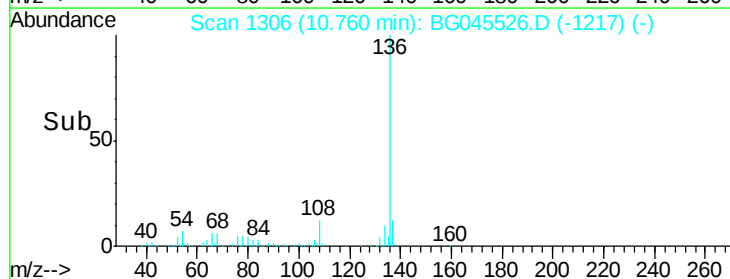
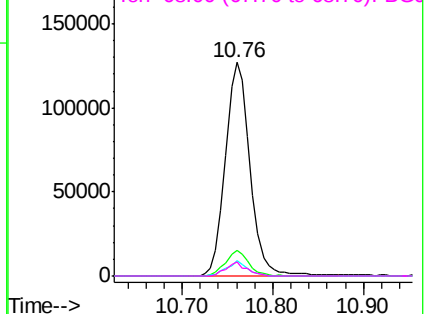
137 12.2 9.4 14.2

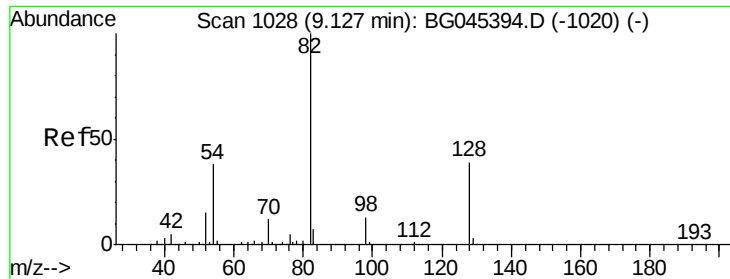
54 7.2 5.8 8.6

68 6.4 4.5 6.7



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

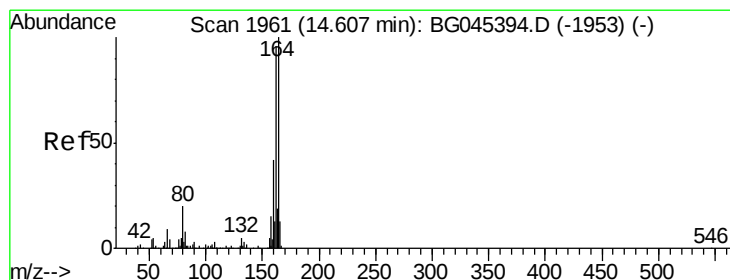
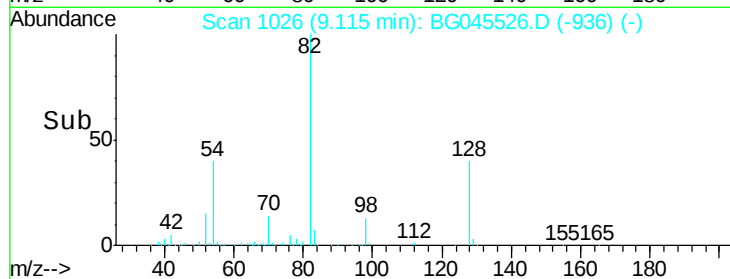
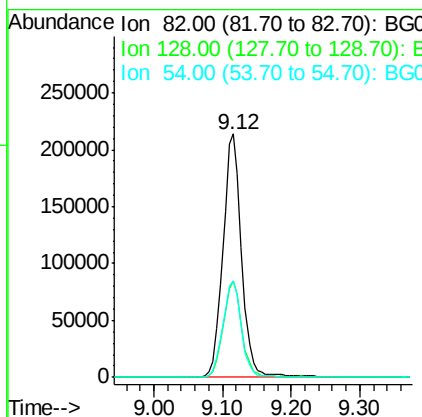
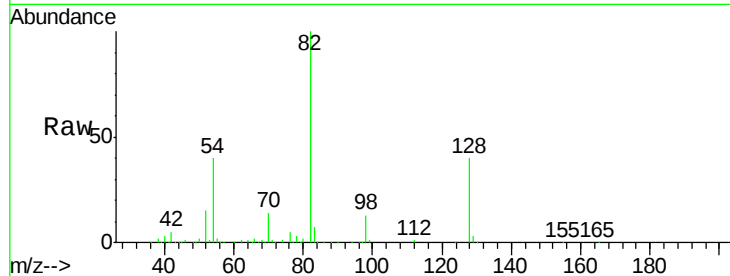




#23
 Nitrobenzene-d5
 Concen: 91.58 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045526.D
 Acq: 29 May 2020 16:38

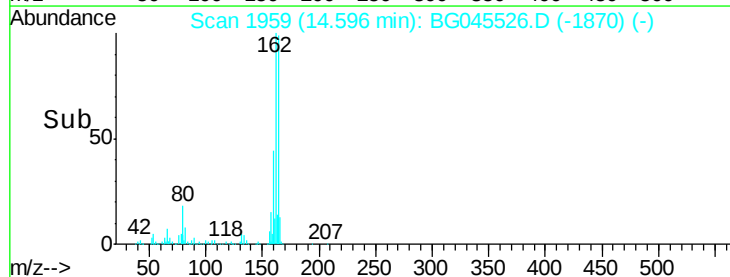
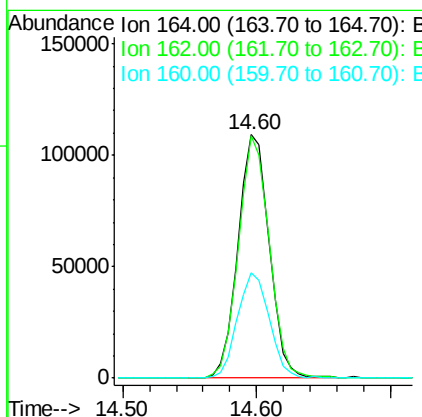
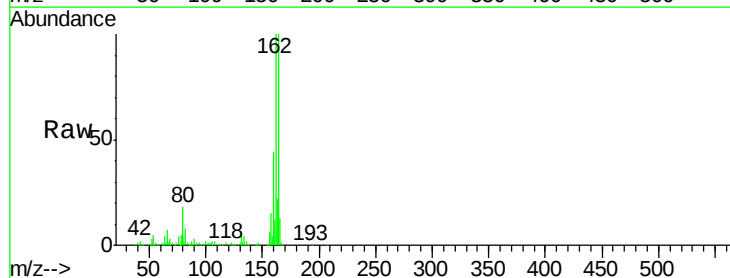
Instrument :
 BNA_G
 ClientSampleId :
 NM-EB-4

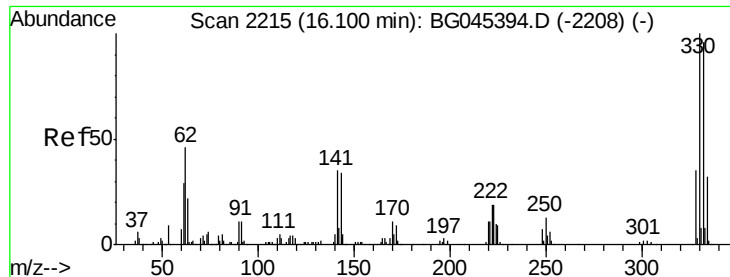
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.9	46.3
54	39.7	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG045526.D
 Acq: 29 May 2020 16:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	76.9	115.3
160	43.5	33.8	50.8

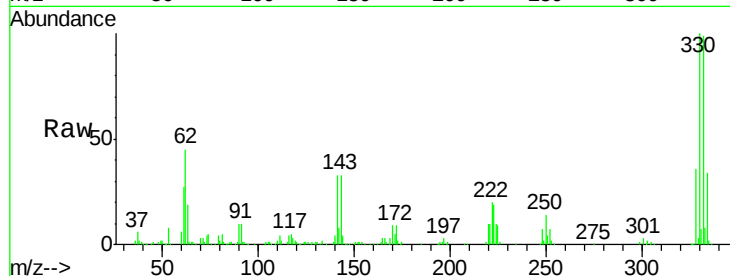




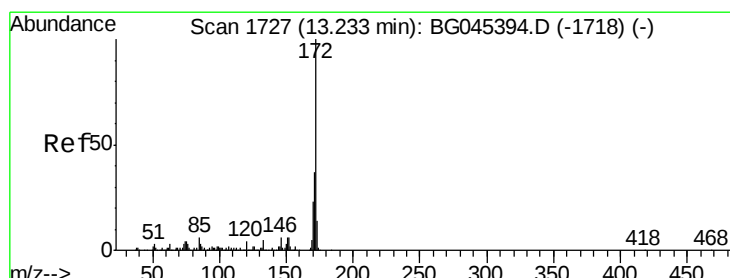
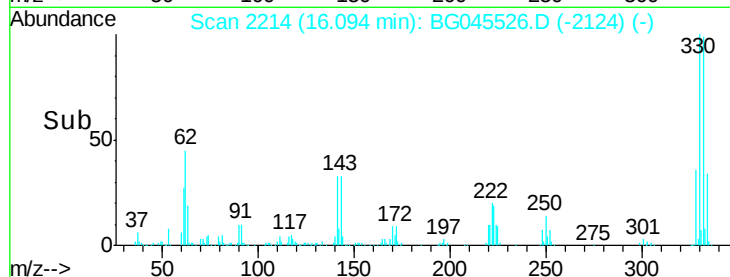
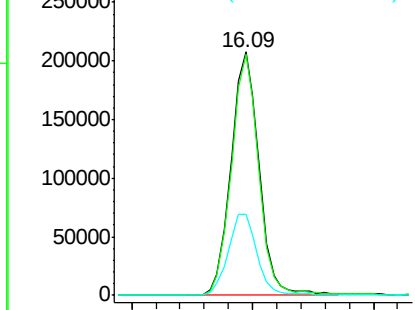
#42
 2,4,6-Tribromophenol
 Concen: 148.69 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG045526.D
 Acq: 29 May 2020 16:38

Instrument :
 BNA_G
 ClientSampled :
 NM-EB-4

Tgt Ion:330 Resp: 335816
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.2 117.4
 141 34.6 28.2 42.4

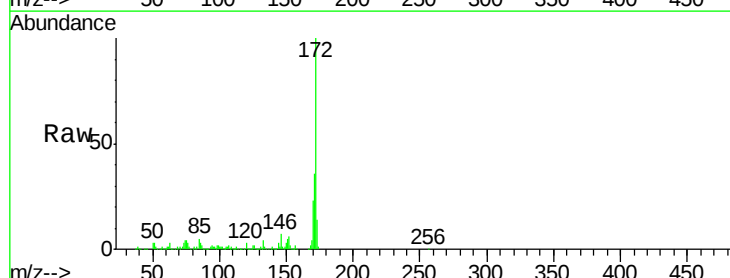


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

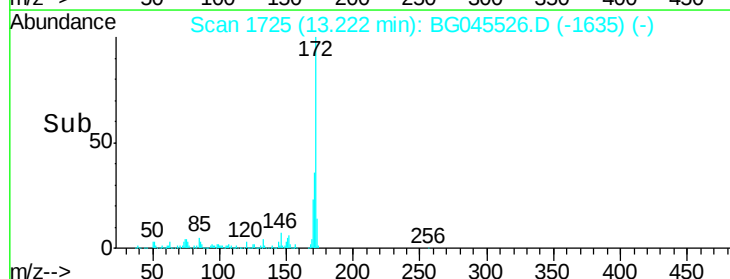
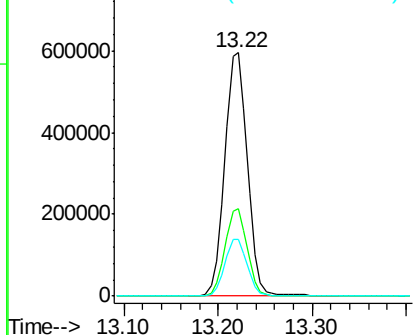


#45
 2-Fluorobiphenyl
 Concen: 95.75 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045526.D
 Acq: 29 May 2020 16:38

Tgt Ion:172 Resp: 996824
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.5 44.3
 170 23.2 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: 12.22 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045526.D

Acq: 29 May 2020 16:38

Instrument :

BNA_G

ClientSampleId :

NM-EB-4

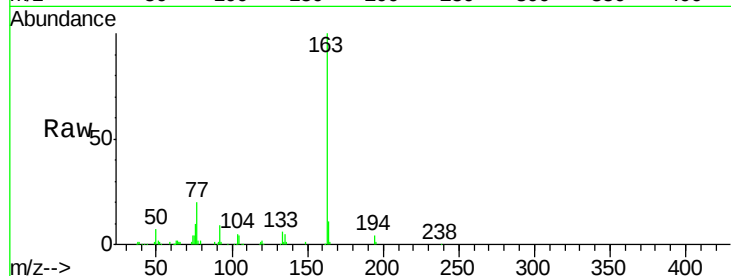
Tgt Ion:163 Resp: 147977

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.9 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

120000

100000

80000

60000

40000

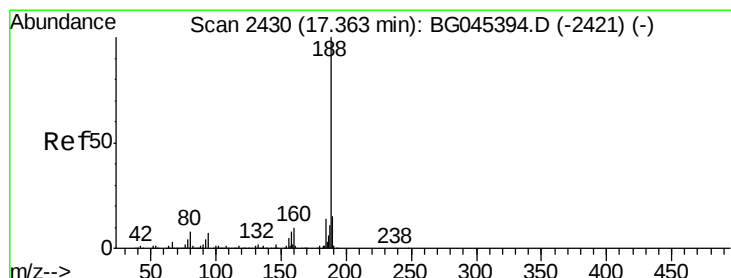
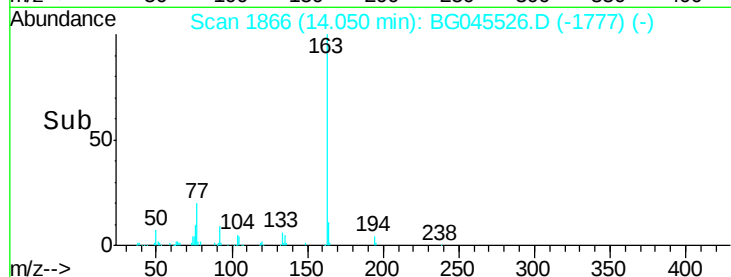
20000

0

14.05

14.00 14.10

Time-->



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045526.D

Acq: 29 May 2020 16:38

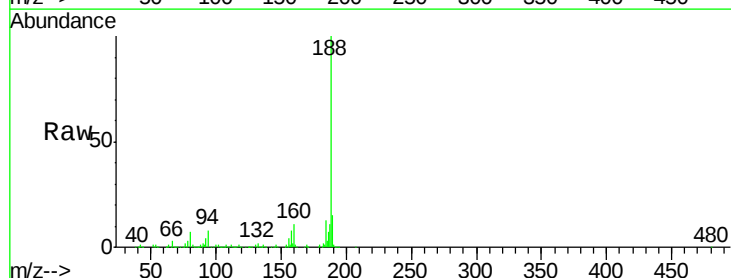
Tgt Ion:188 Resp: 429153

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 7.4 6.6 10.0



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

300000

200000

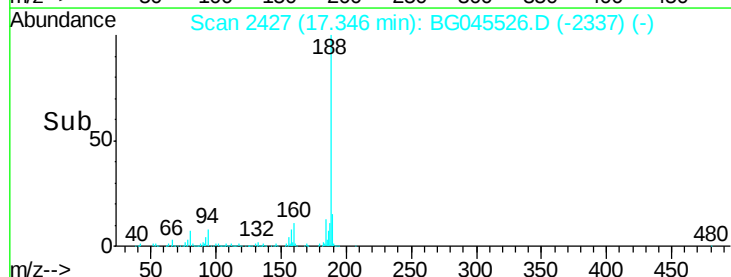
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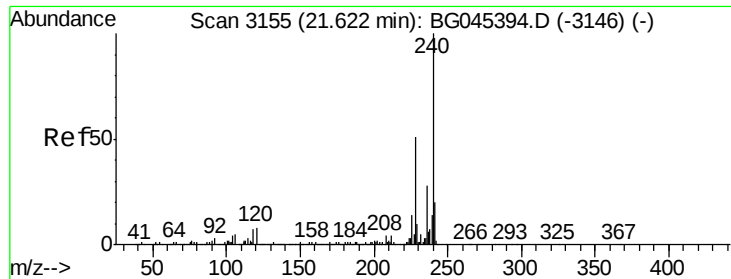
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17.35

17.30 17.40

Time-->

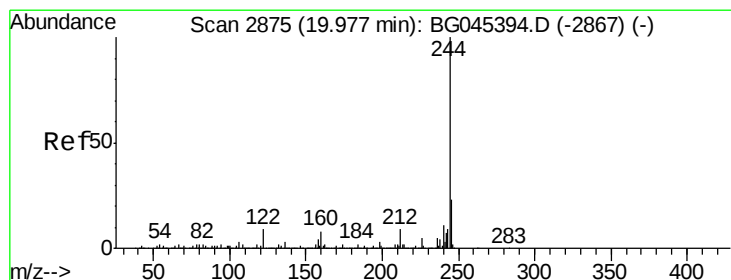
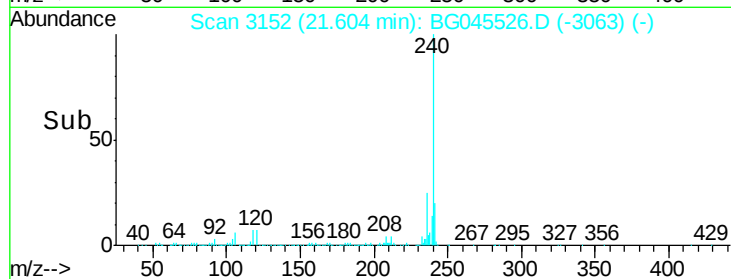
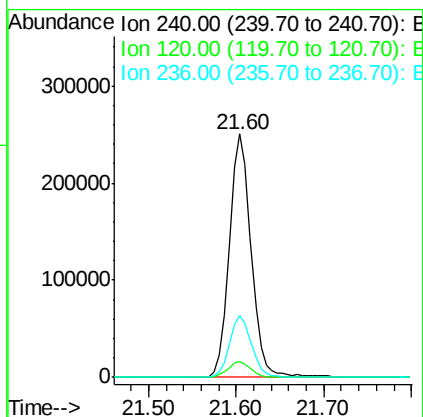
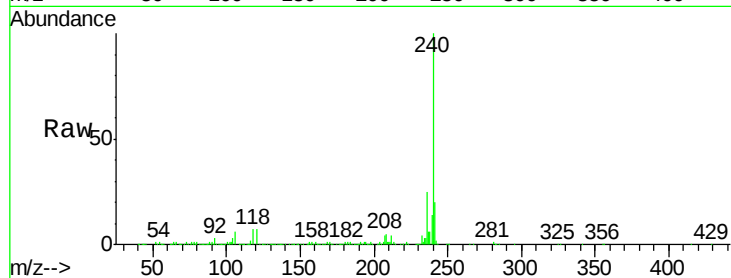




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045526.D
Acq: 29 May 2020 16:38

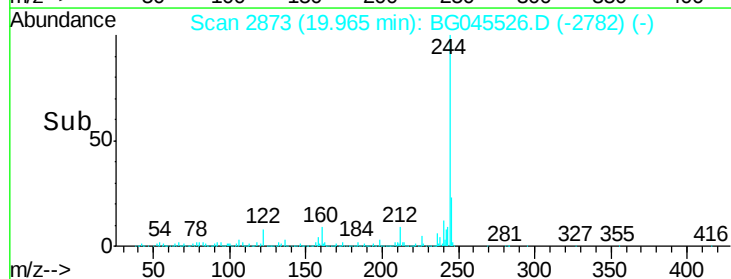
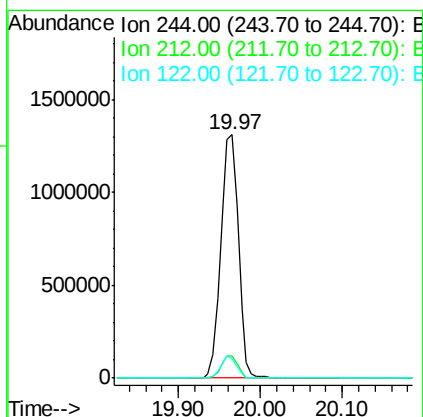
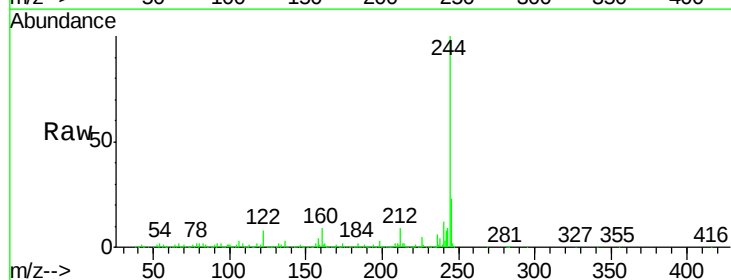
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BNA_G
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NM-EB-4

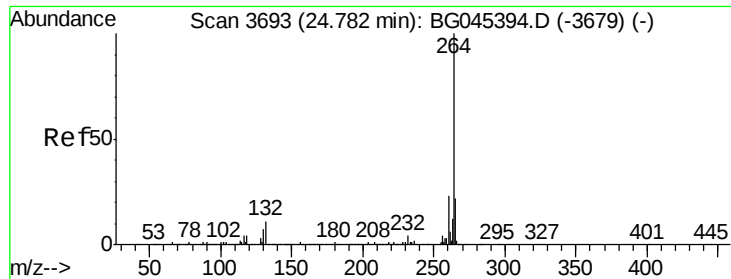
Tgt Ion:240 Resp: 426675
Ion Ratio Lower Upper
240 100
120 6.7 6.1 9.1
236 25.4 22.3 33.5



#79
Terphenyl-d14
Concen: 107.52 ng
RT: 19.97 min Scan# 2873
Delta R.T. 0.01 min
Lab File: BG045526.D
Acq: 29 May 2020 16:38

Tgt Ion:244 Resp: 1967071
Ion Ratio Lower Upper
244 100
212 9.3 7.4 11.0
122 8.2 6.8 10.2





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045526.D
Acq: 29 May 2020 16:38

Instrument :
BNA_G
ClientSampleId :
NM-EB-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	23.8	17.6	26.4

