

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
 Data File : BG045467.D
 Acq On : 26 May 2020 21:38
 Operator : CG/JU
 Sample : L2745-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM49-COMP-2020-0-6

Quant Time: Jun 03 06:29:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

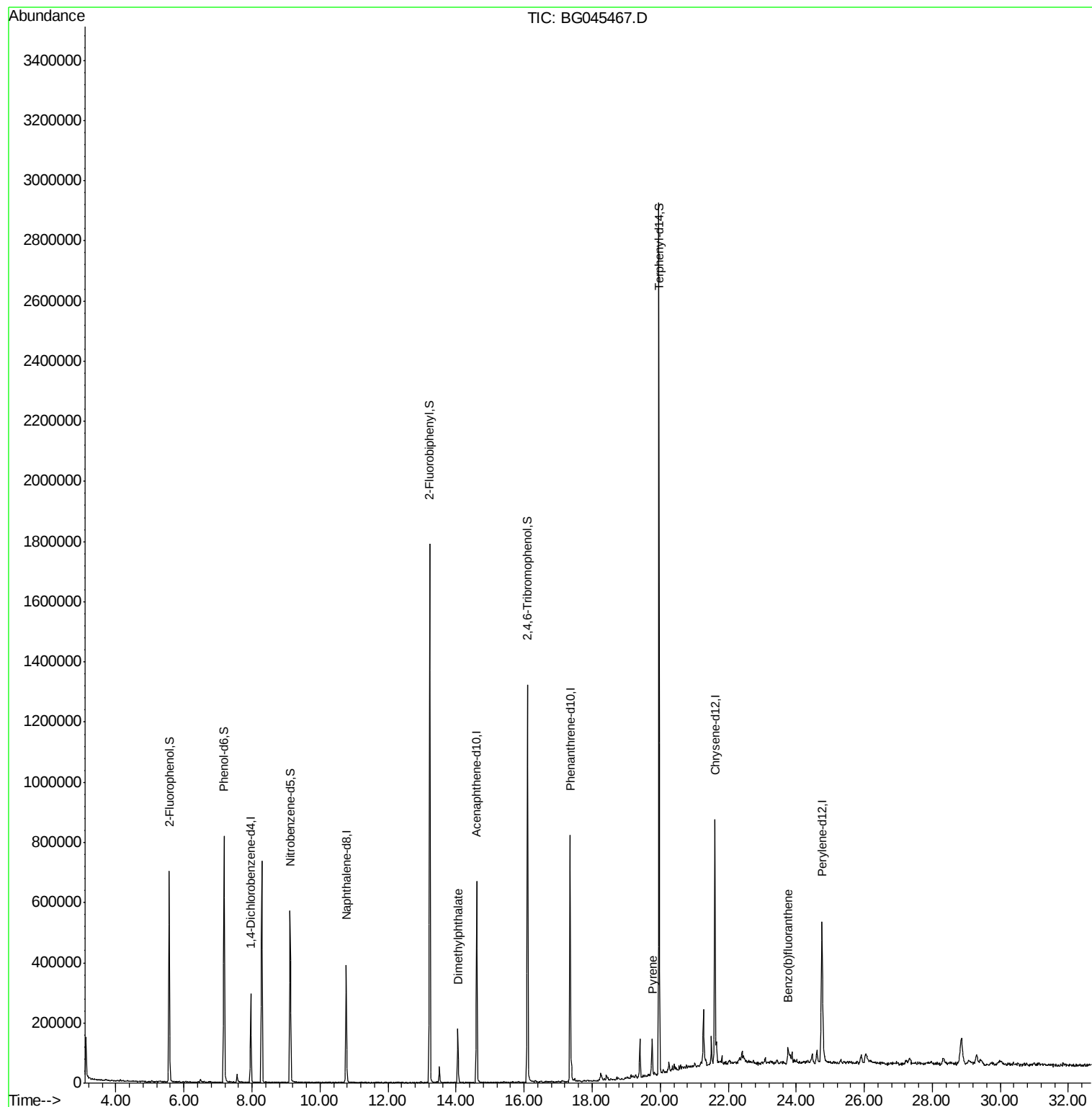
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	87912	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	361964	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	244365	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	532801	20.00	ng	0.00
76) Chrysene-d12	21.61	240	486760	20.00	ng	0.00
87) Perylene-d12	24.75	264	525443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	354419	78.79	ng	0.00
7) Phenol-d6	7.18	99	552958	86.37	ng	0.00
23) Nitrobenzene-d5	9.12	82	398893	60.10	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	280886	89.88	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	969675	67.31	ng	0.00
79) Terphenyl-d14	19.96	244	1408634	67.49	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	127563	7.610	ng	98
78) Pyrene	19.77	202	82038	2.957	ng	96
88) Benzo(b)fluoranthene	23.75	252	60287	2.139	ng	# 96

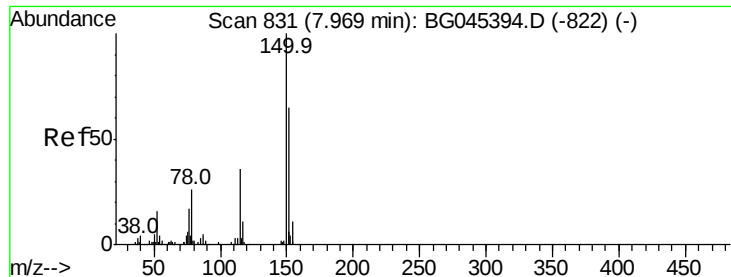
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 830

Delta R.T. 0.01 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

NM49-COMP-2020-0-6

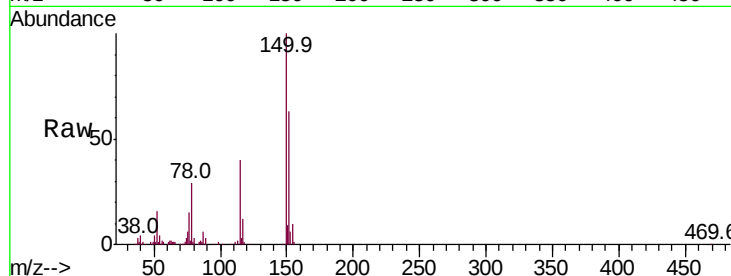
Tot Ion:152 Resp: 87912

Ion Ratio Lower Upper

152 100

150 159.1 122.4 183.6

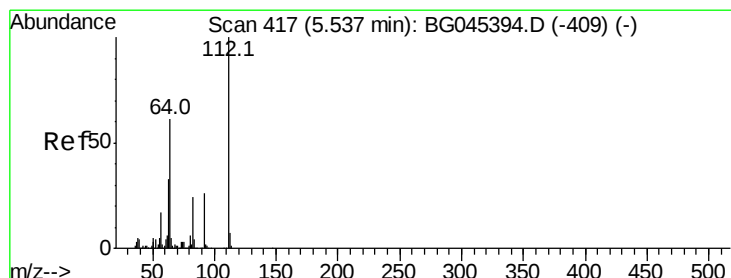
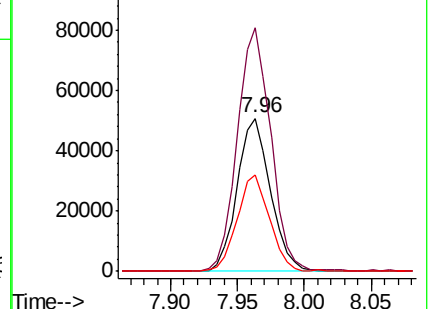
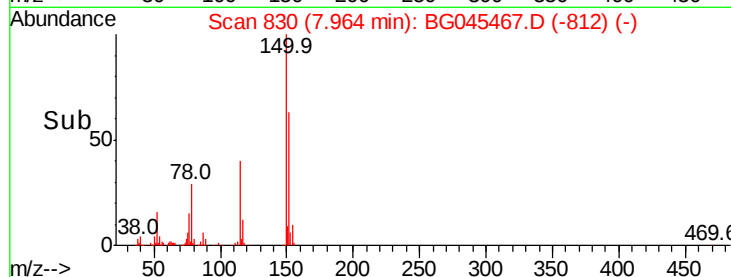
115 62.9 44.2 66.4



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: 78.788 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

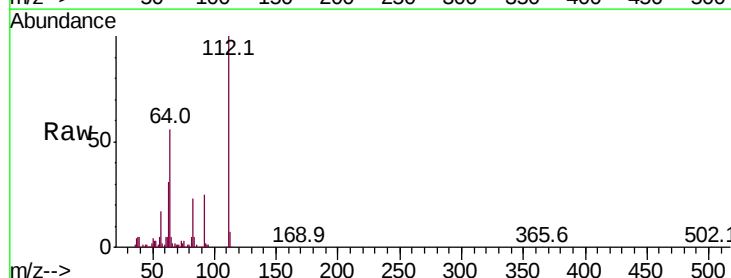
Tgt Ion:112 Resp: 354419

Ion Ratio Lower Upper

112 100

64 55.6 48.6 72.8

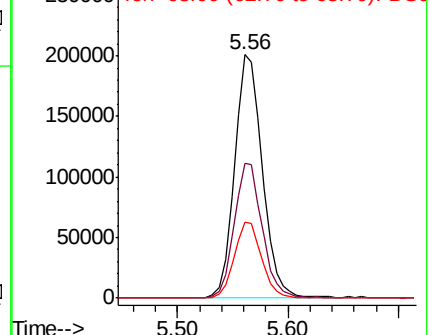
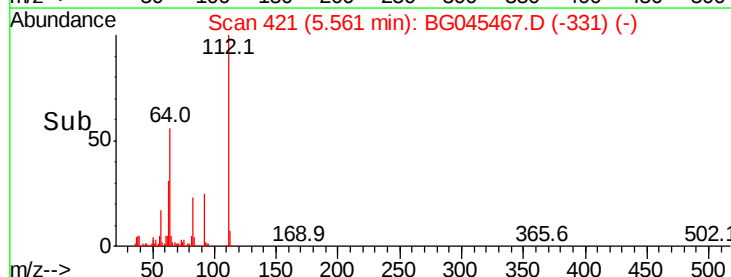
63 31.4 26.5 39.7

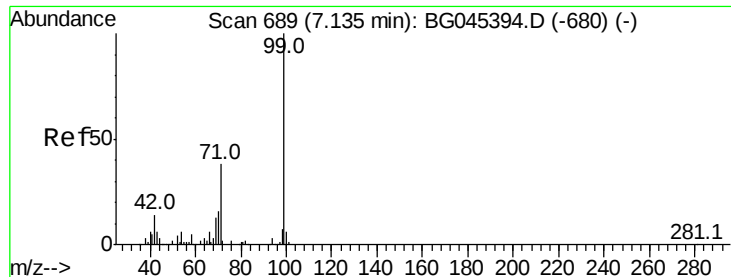


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 86.365 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

NM49-COMP-2020-0-6

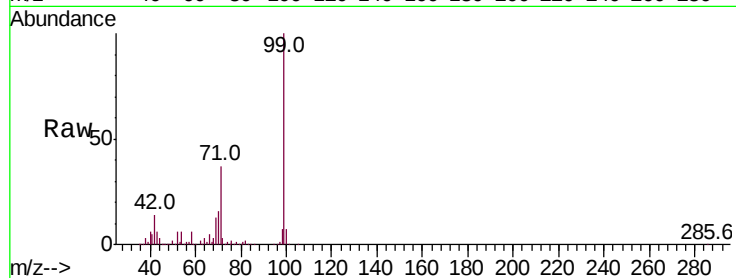
Tot Ion: 99 Resp: 552958

Ion Ratio Lower Upper

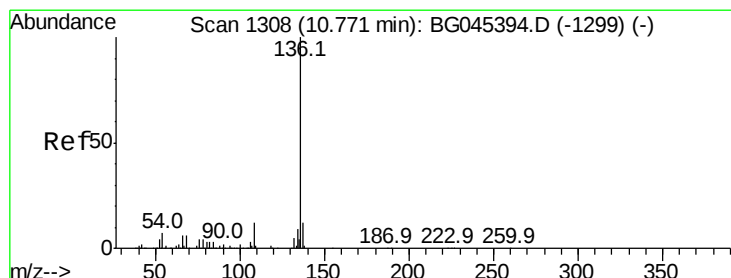
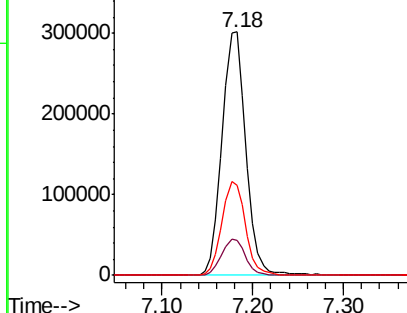
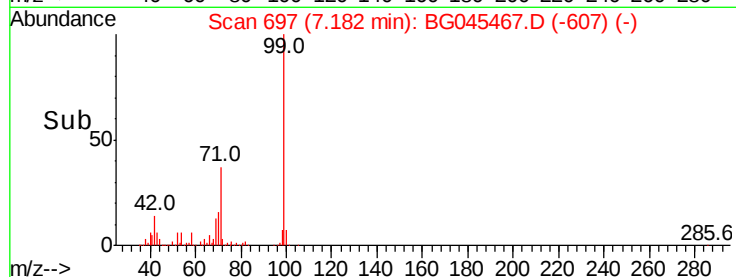
99 100

42 14.4 11.3 16.9

71 36.7 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: 20.000 ng

RT: 10.77 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Tgt Ion: 136 Resp: 361964

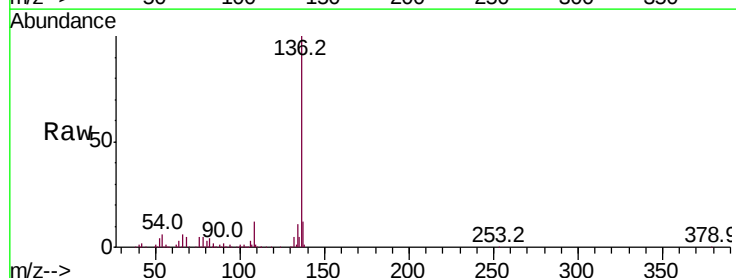
Ion Ratio Lower Upper

136 100

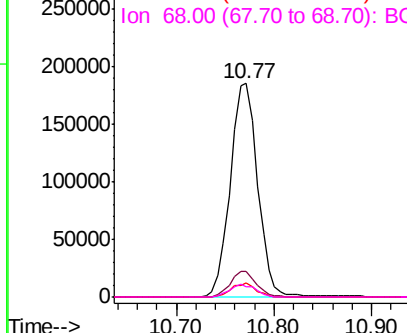
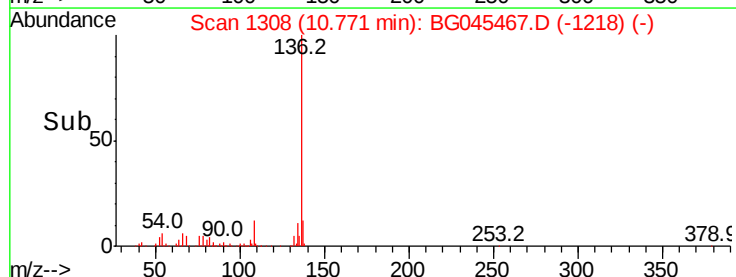
137 11.8 9.4 14.2

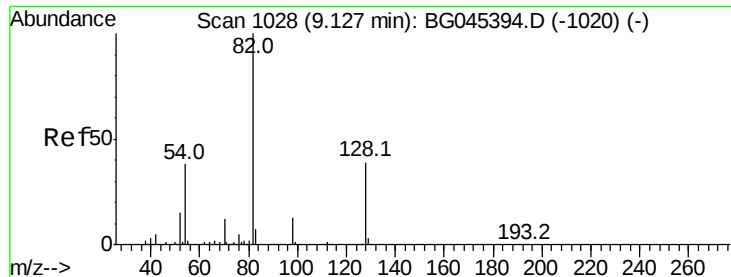
54 6.4 5.8 8.6

68 5.0 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

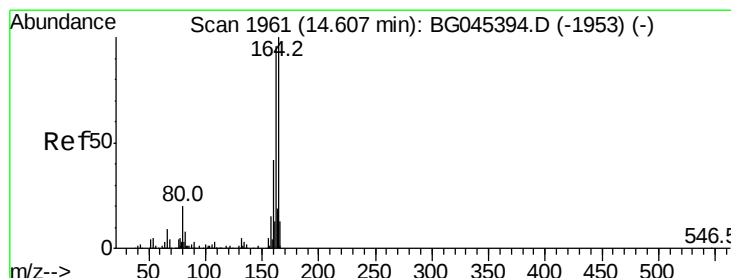
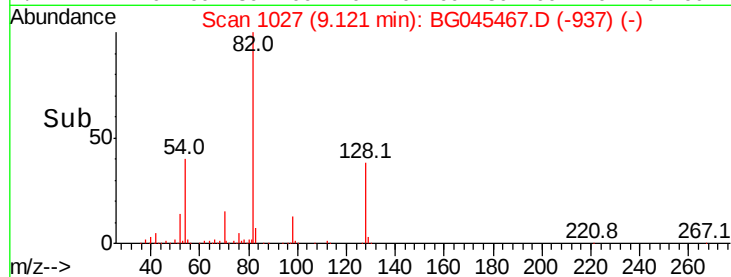
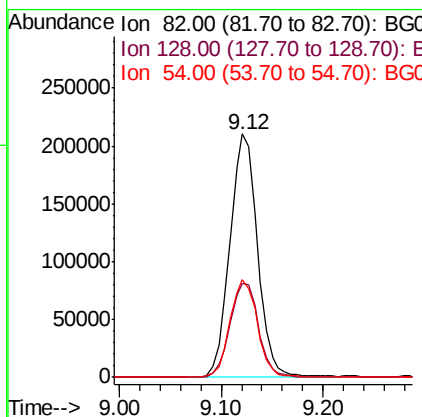
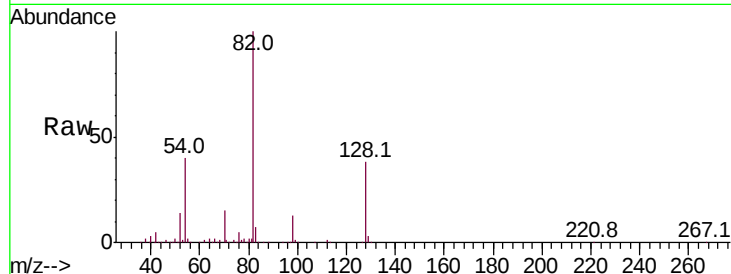




#23
 Nitrobenzene-d5
 Concen: 60.095 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045467.D
 Acq: 26 May 2020 21:38

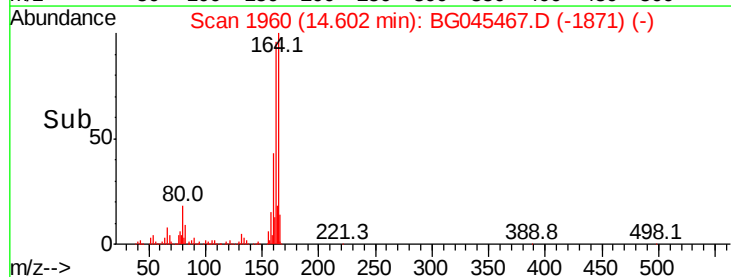
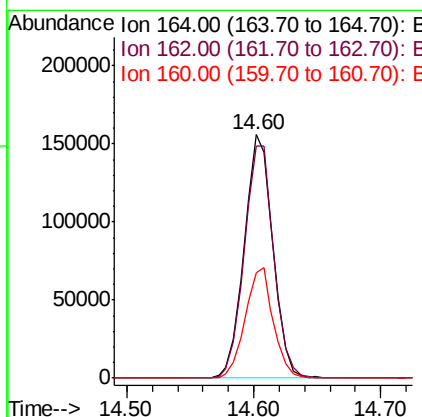
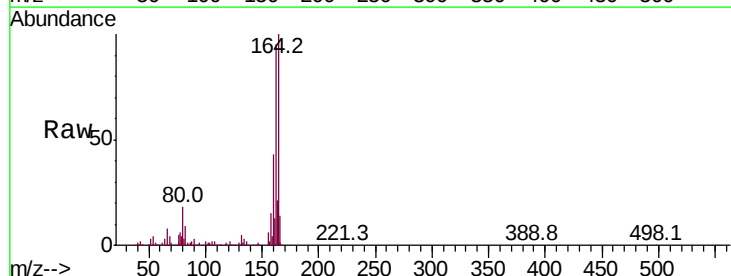
Instrument :
 BNA_G
 ClientSampleId :
 NM49-COMP-2020-0-6

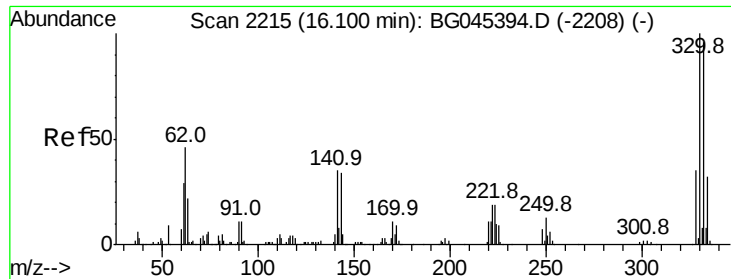
Tot Ion	82	Resp	398893
Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.9	46.3
54	39.9	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG045467.D
 Acq: 26 May 2020 21:38

Tgt Ion	164	Resp	244365
Ion	Ratio	Lower	Upper
164	100		
162	95.4	76.9	115.3
160	43.3	33.8	50.8

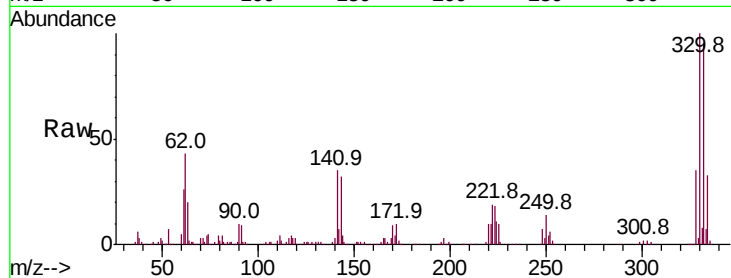




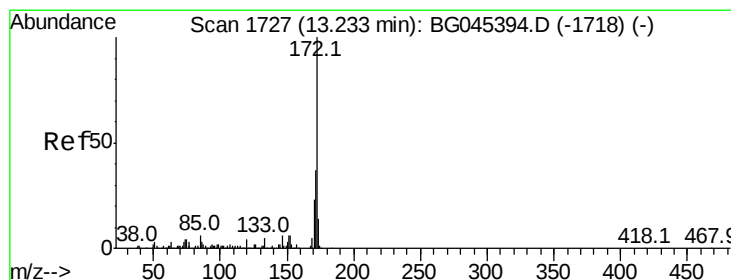
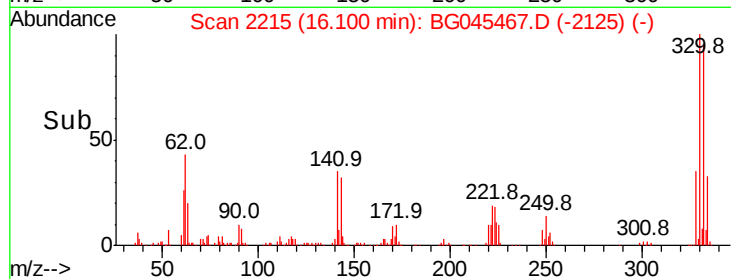
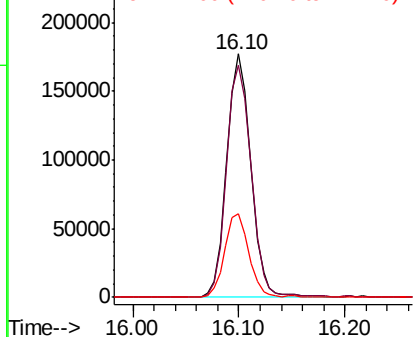
#42
 2,4,6-Tribromophenol
 Concen: 89.879 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: BG045467.D
 Acq: 26 May 2020 21:38

Instrument :
 BNA_G
 ClientSampleId :
 NM49-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.4
141	34.6	28.2	42.4

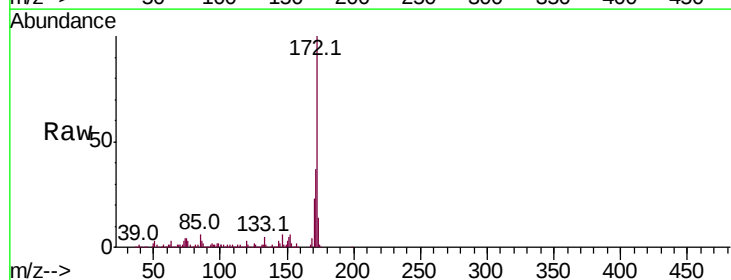


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

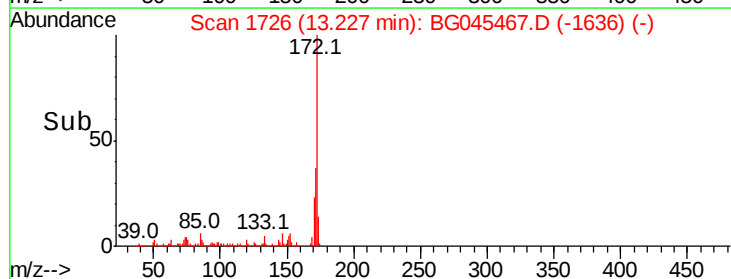
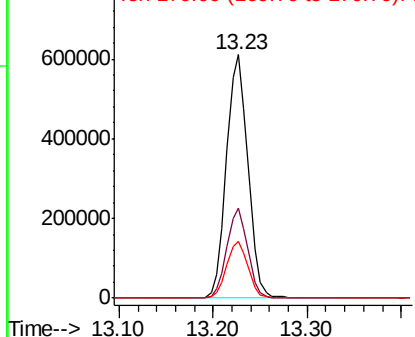


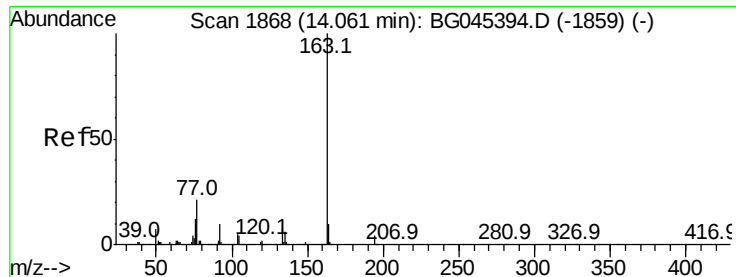
#45
 2-Fluorobiphenyl
 Concen: 67.308 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045467.D
 Acq: 26 May 2020 21:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	23.3	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: 7.610 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

NM49-COMP-2020-0-6

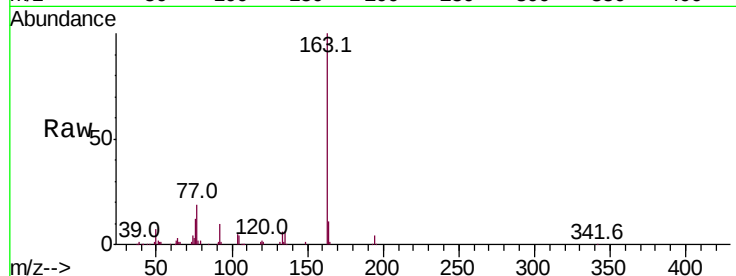
Tot Ion:163 Resp: 127563

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

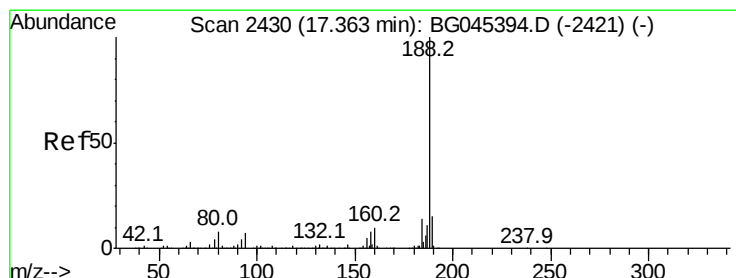
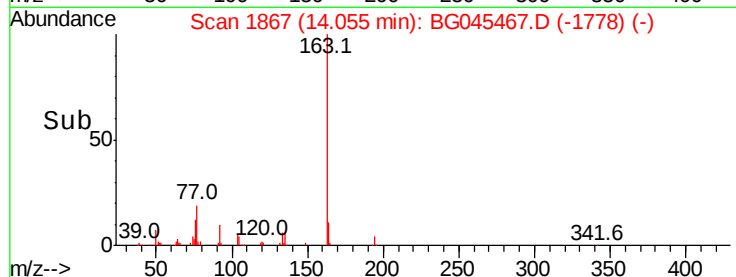
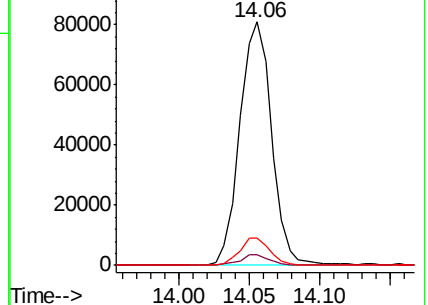
164 11.4 8.3 12.5



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

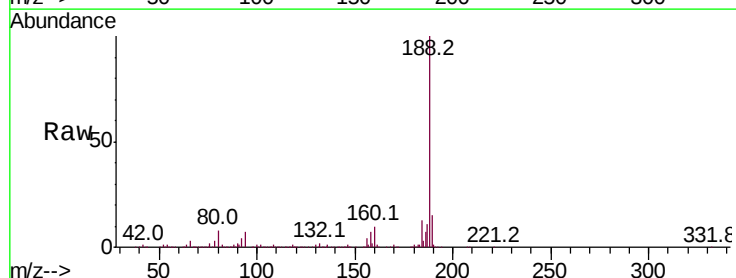
Tgt Ion:188 Resp: 532801

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

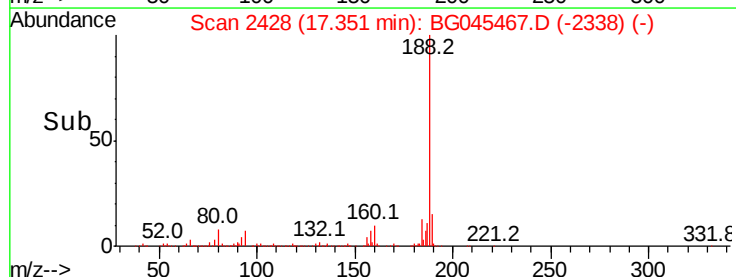
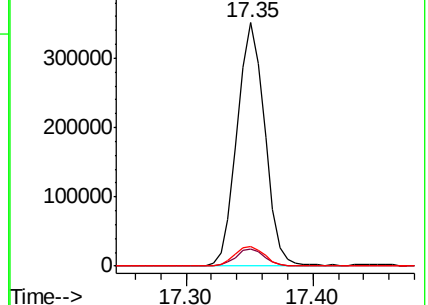
80 8.0 6.6 10.0

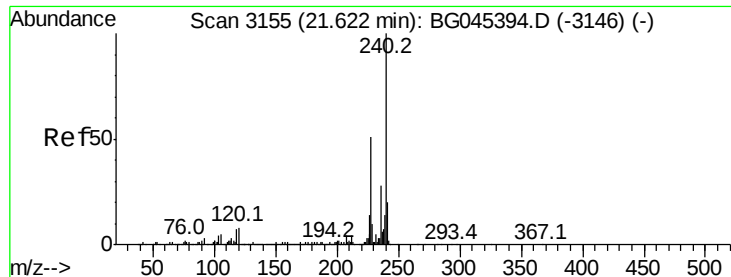


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

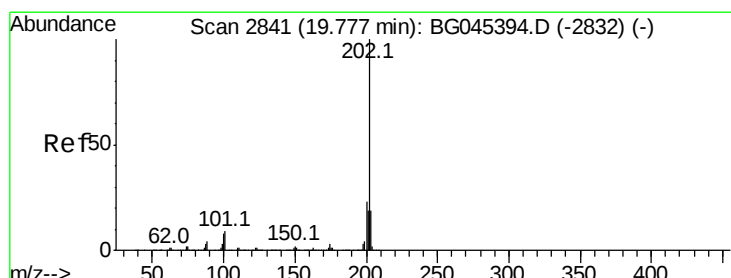
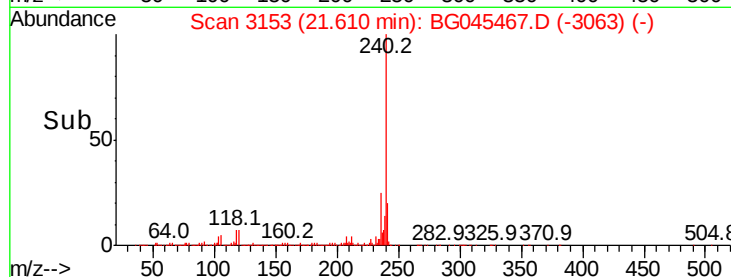
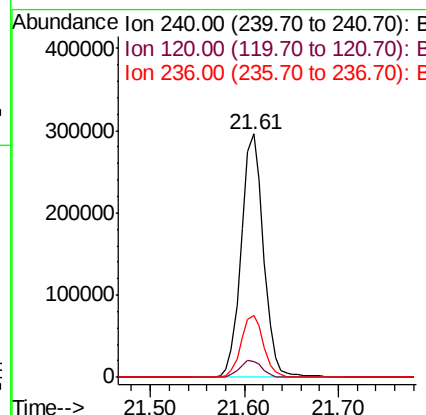
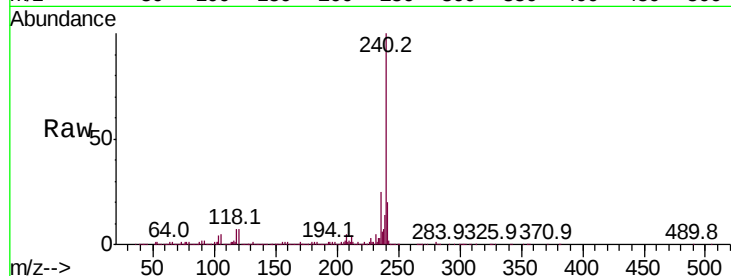




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG045467.D
Acq: 26 May 2020 21:38

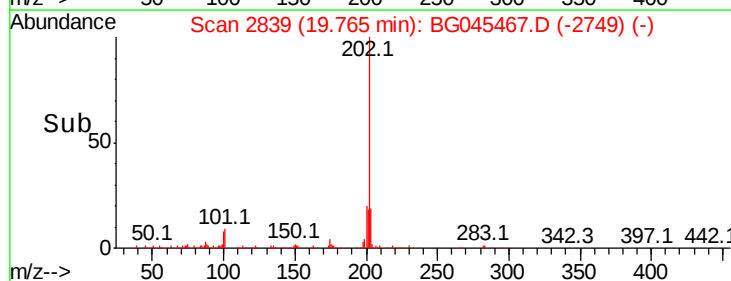
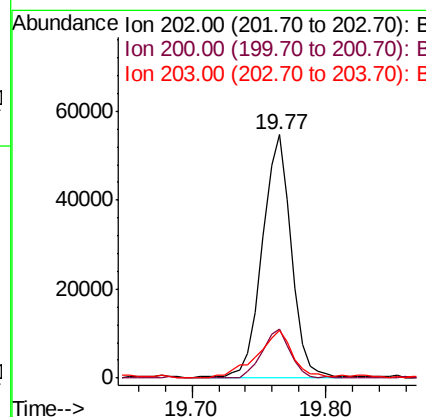
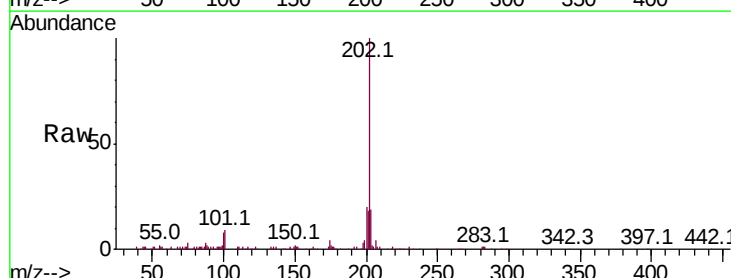
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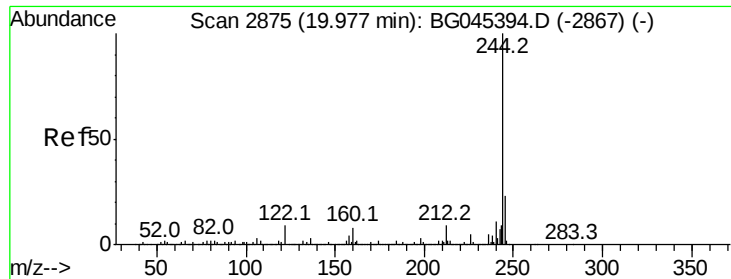
Tot Ion:240 Resp: 486760
Ion Ratio Lower Upper
240 100
120 6.7 6.1 9.1
236 25.2 22.3 33.5



#78
Pyrene
Concen: 2.957 ng
RT: 19.77 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BG045467.D
Acq: 26 May 2020 21:38

Tgt Ion:202 Resp: 82038
Ion Ratio Lower Upper
202 100
200 20.0 18.2 27.2
203 19.4 15.1 22.7





#79

Terphenyl-d14

Concen: 67.494 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

NM49-COMP-2020-0-6

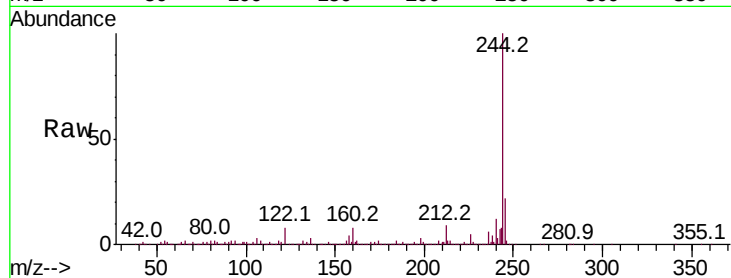
Tot Ion:244 Resp: 1408634

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.0

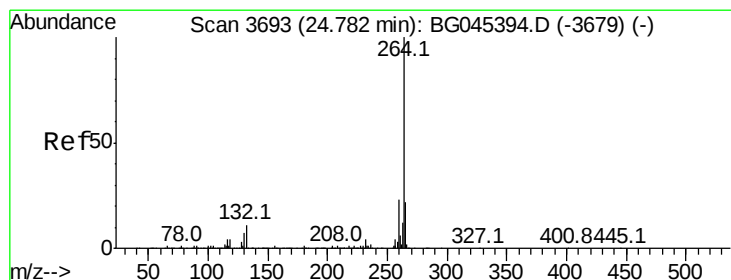
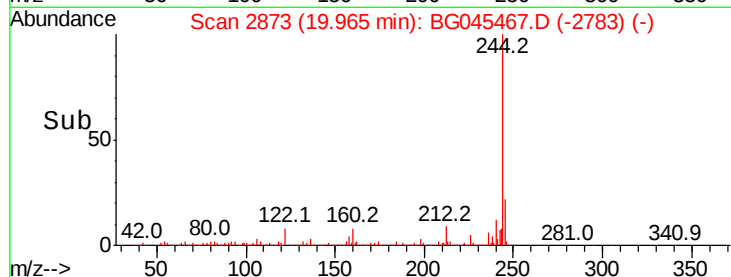
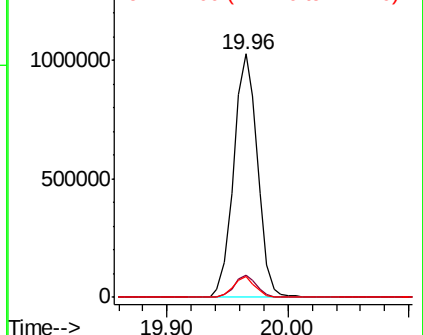
122 8.4 6.8 10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

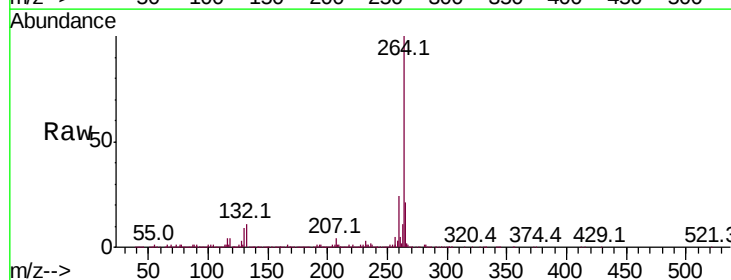
Tgt Ion:264 Resp: 525443

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

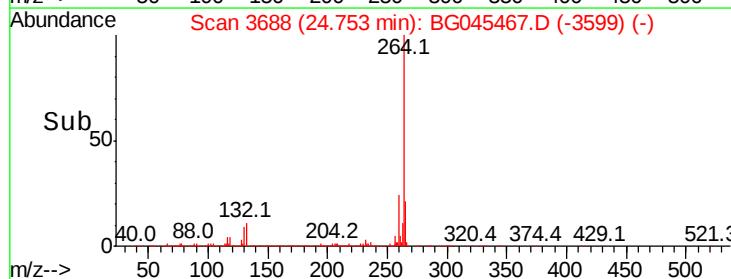
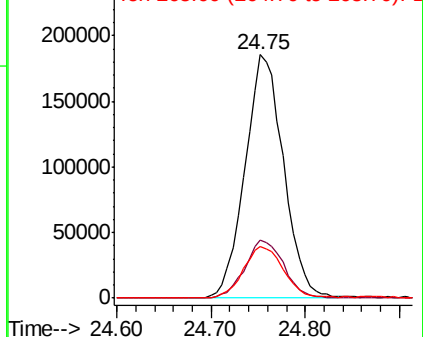
265 21.3 17.6 26.4

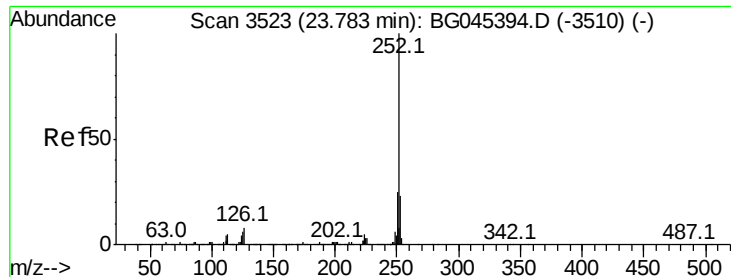


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.139 ng

RT: 23.75 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG045467.D

Acq: 26 May 2020 21:38

Instrument :

BNA_G

ClientSampleId :

NM49-COMP-2020-0-6

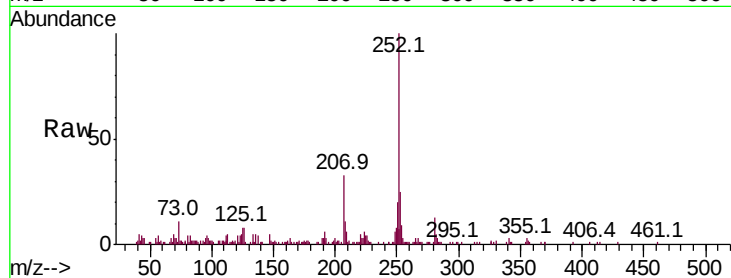
Tot Ion:252 Resp: 60287

Ion Ratio Lower Upper

252 100

253 24.6 18.1 27.1

125 8.1 5.0 7.6#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

