

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045480.D
 Acq On : 27 May 2020 17:35
 Operator : CG/JU
 Sample : L2745-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM39-COMP-2020-0-6

Quant Time: May 28 01:02:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

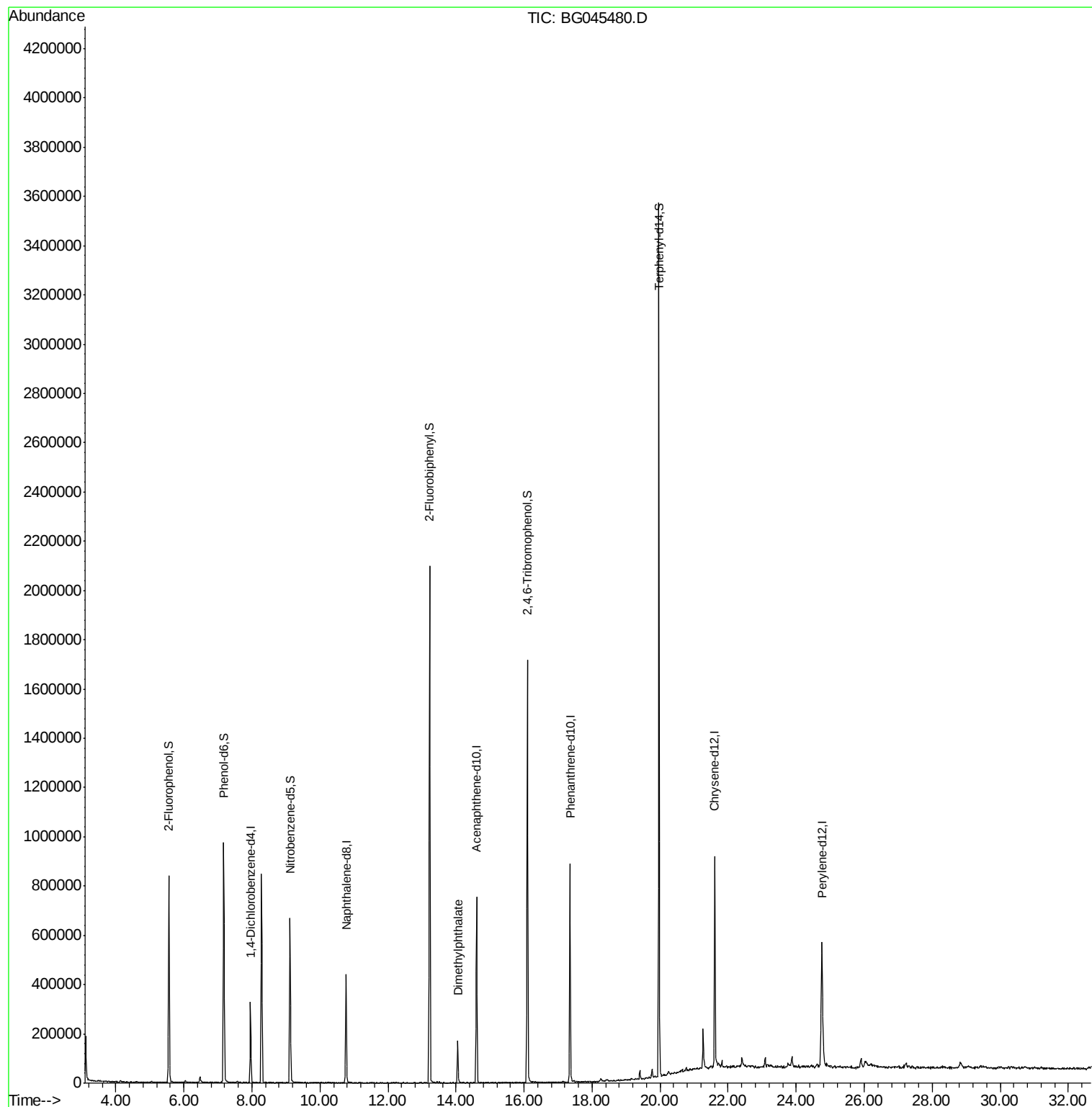
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	95905	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	392089	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	279028	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	607010	20.00	ng	0.00
76) Chrysene-d12	21.60	240	538007	20.00	ng	0.00
87) Perylene-d12	24.76	264	582827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	410249	83.60	ng	0.00
7) Phenol-d6	7.17	99	655663	93.87	ng	0.00
23) Nitrobenzene-d5	9.12	82	456709	63.52	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	351430	98.48	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1137297	69.14	ng	0.00
79) Terphenyl-d14	19.97	244	1704537	73.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	125204	6.541	ng	Qvalue 100

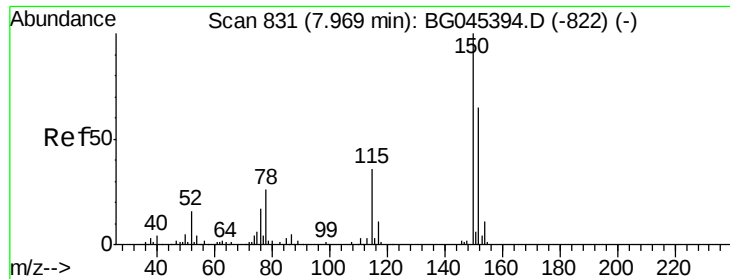
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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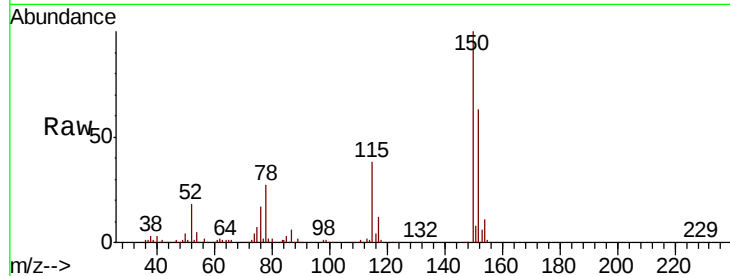


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045480.D
Acq: 27 May 2020 17:35

Instrument :
BNA_G
ClientSampleId :
NM39-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	122.4	183.6
115	60.9	44.2	66.4

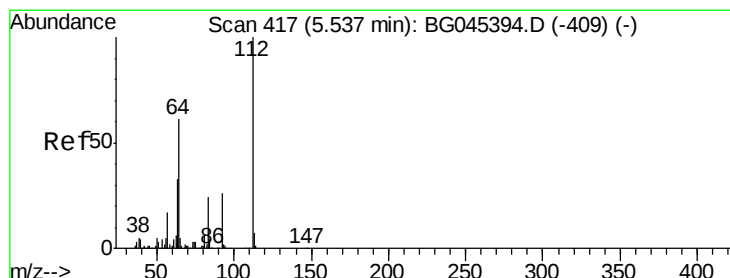
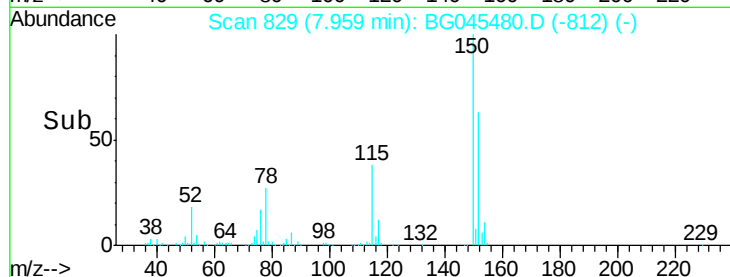
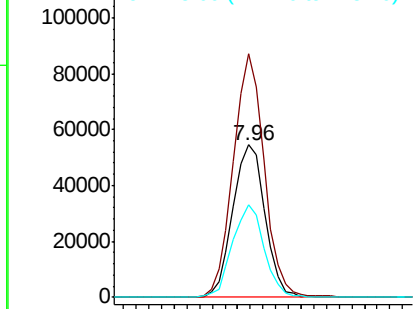


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

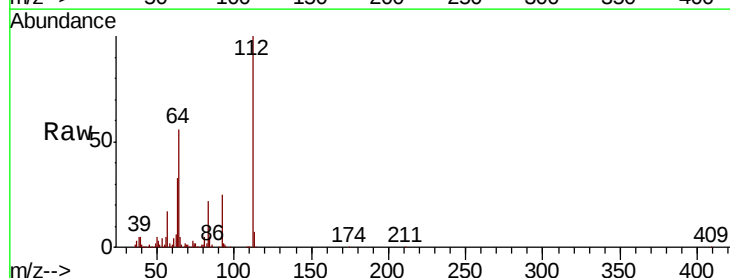
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.598 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG045480.D
Acq: 27 May 2020 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	48.6	72.8
63	33.2	26.5	39.7

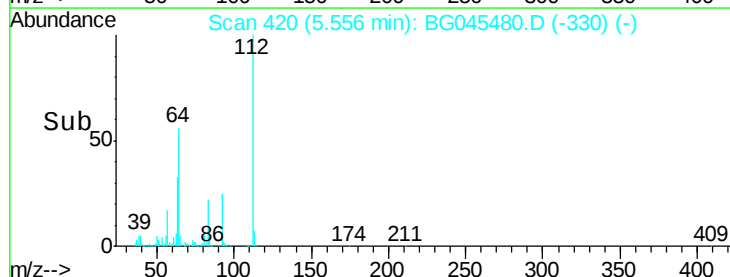
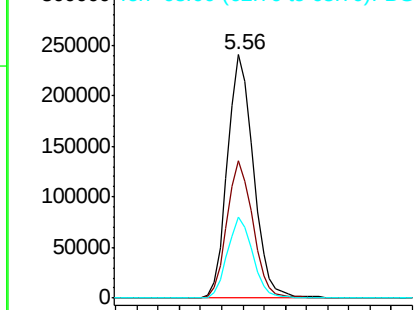


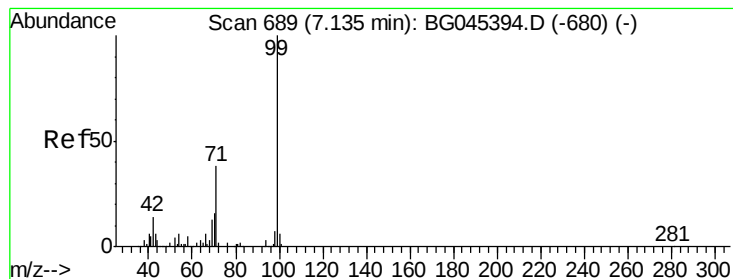
Abundance

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: 93.871 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

Instrument :

BNA_G

ClientSampleId :

NM39-COMP-2020-0-6

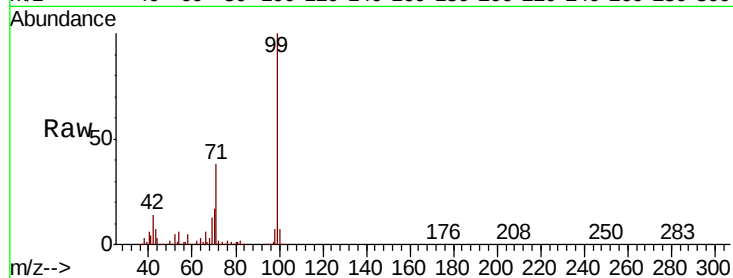
Tot Ion: 99 Resp: 655663

Ion Ratio Lower Upper

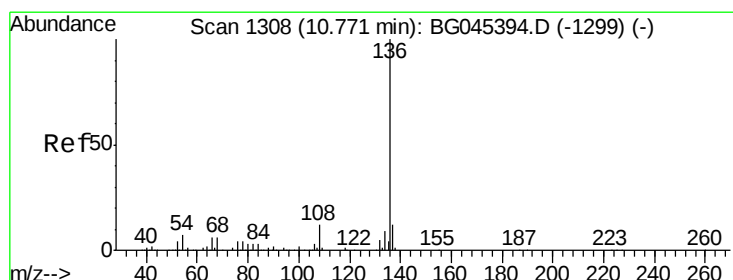
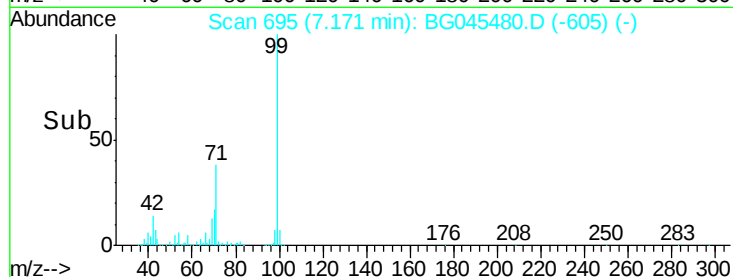
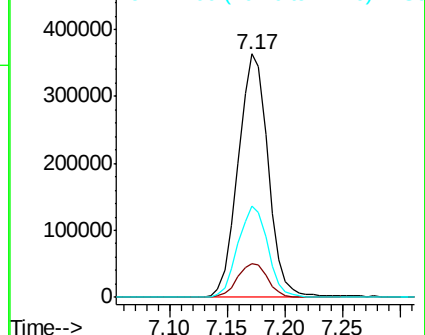
99 100

42 13.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

Tgt Ion: 136 Resp: 392089

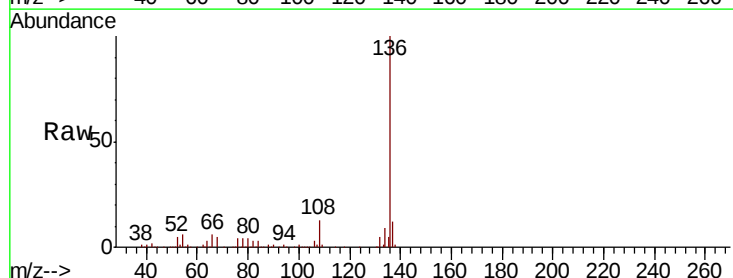
Ion Ratio Lower Upper

136 100

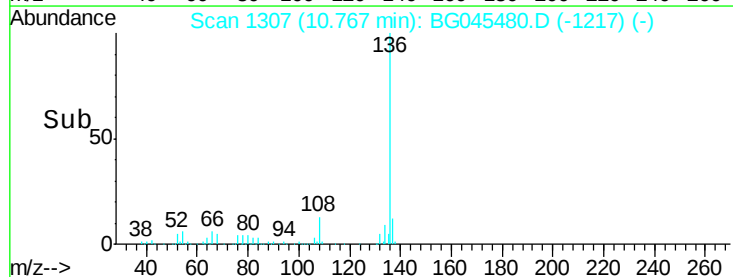
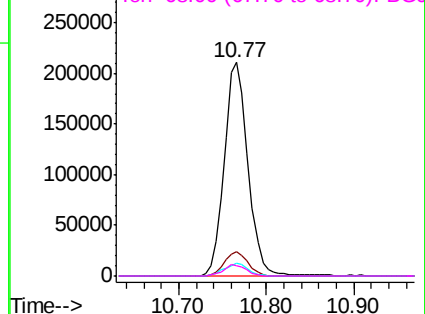
137 11.6 9.4 14.2

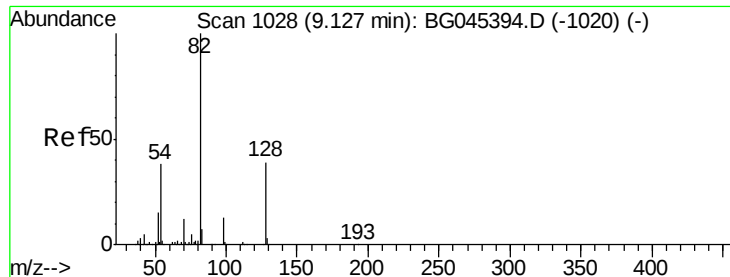
54 6.2 5.8 8.6

68 5.1 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

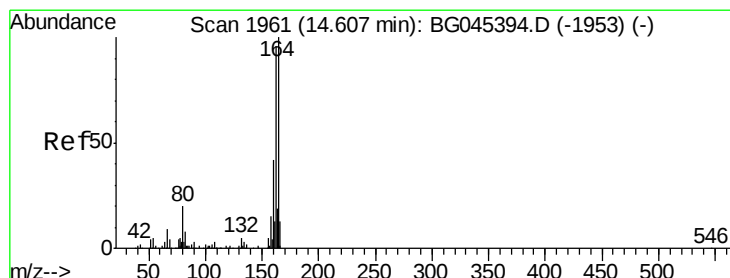
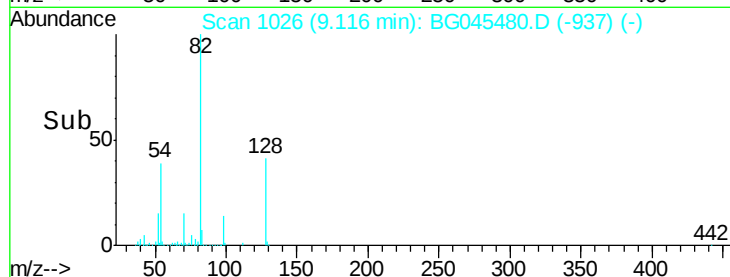
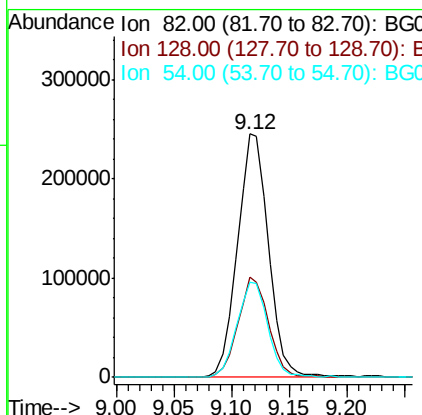
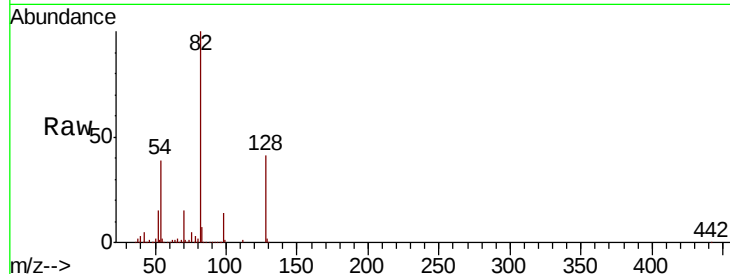




#23
 Nitrobenzene-d5
 Concen: 63.519 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG045480.D
 Acq: 27 May 2020 17:35

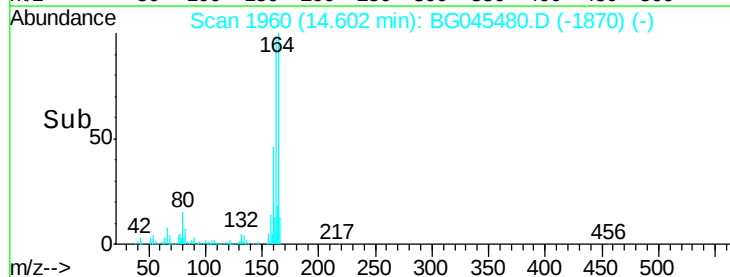
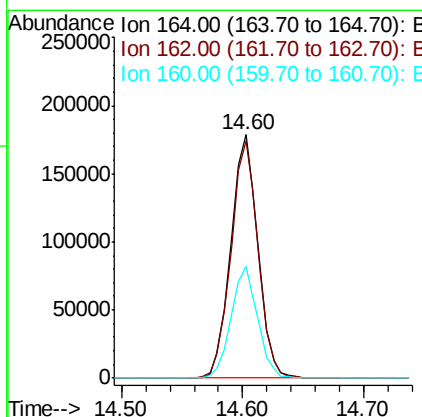
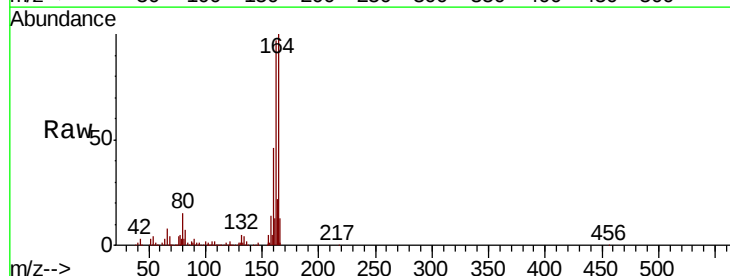
Instrument :
 BNA_G
 ClientSampleId :
 NM39-COMP-2020-0-6

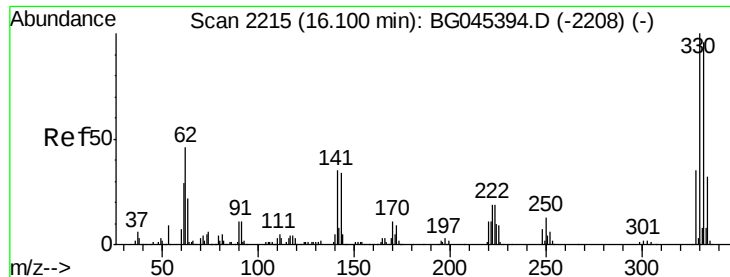
Tot Ion	82	Resp	456709
Ion Ratio	Lower	Upper	
82	100		
128	41.2	30.9	46.3
54	39.1	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BG045480.D
 Acq: 27 May 2020 17:35

Tgt Ion	164	Resp	279028
Ion Ratio	Lower	Upper	
164	100		
162	97.3	76.9	115.3
160	45.8	33.8	50.8

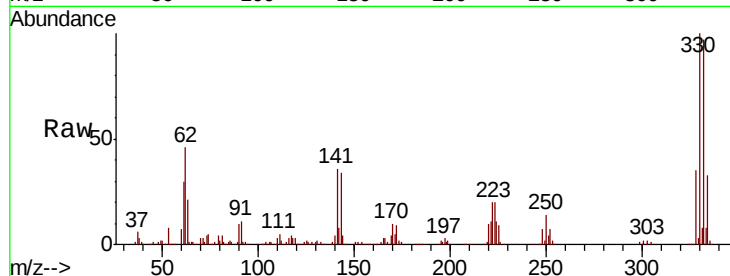




#42
 2,4,6-Tribromophenol
 Concen: 98.482 ng
 RT: 16.09 min Scan# 2214
 Delta R.T. -0.01 min
 Lab File: BG045480.D
 Acq: 27 May 2020 17:35

Instrument :
 BNA_G
 ClientSampleId :
 NM39-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.2	117.4
141	34.7	28.2	42.4

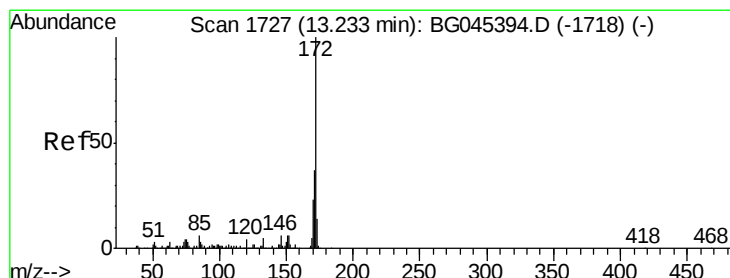
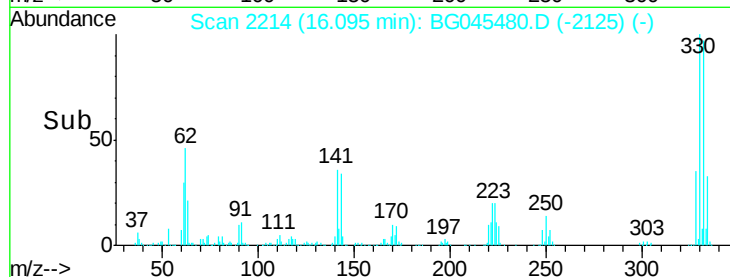
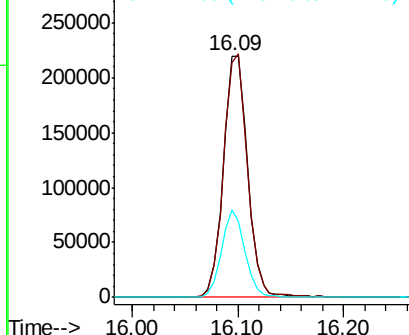


Abundance

Ion 329.80 (329.50 to 330.50): E

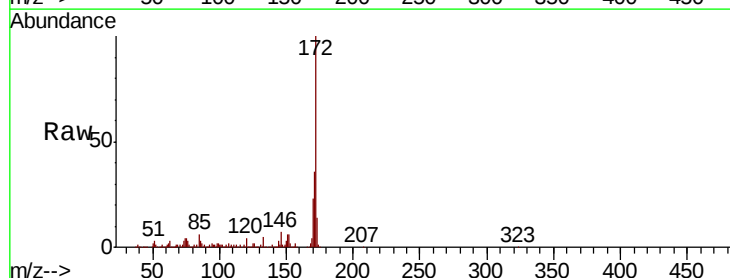
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.136 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG045480.D
 Acq: 27 May 2020 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.5	44.3
170	23.4	18.5	27.7

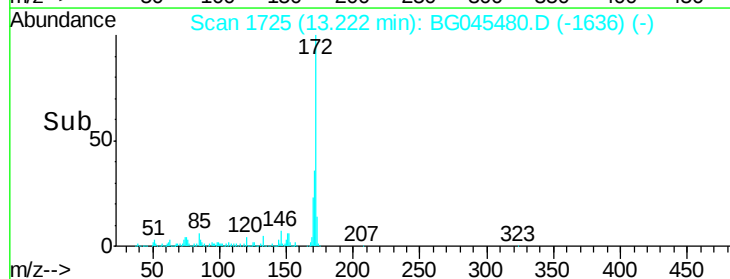
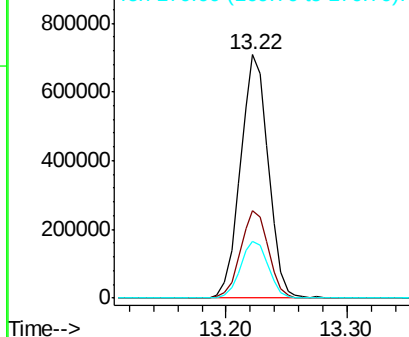


Abundance

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: 6.541 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

Instrument :

BNA_G

ClientSampleId :

NM39-COMP-2020-0-6

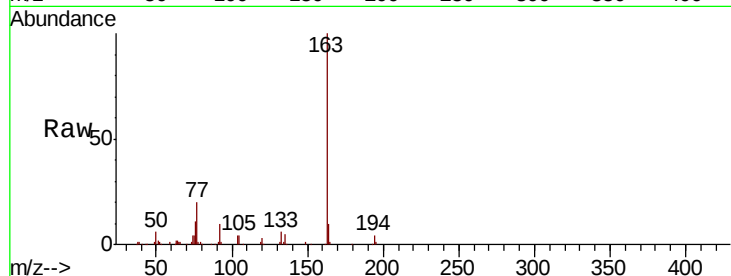
Tot Ion:163 Resp: 125204

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

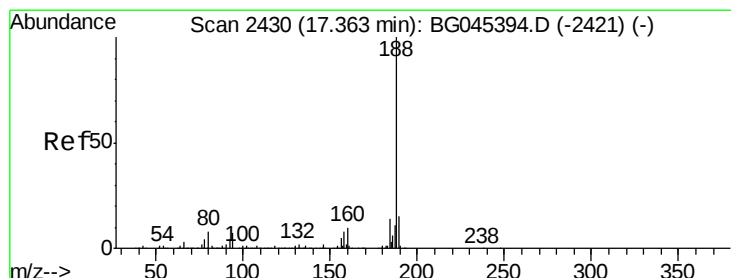
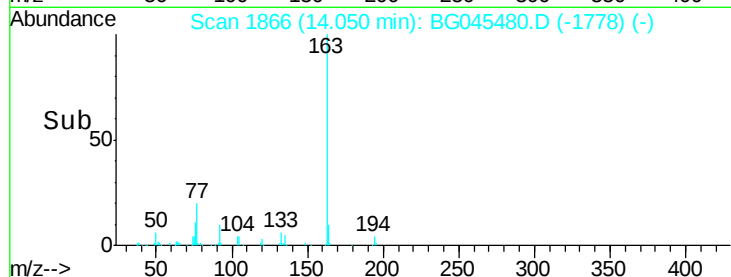
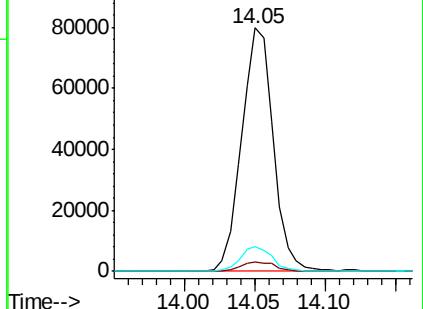
164 10.2 8.3 12.5



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

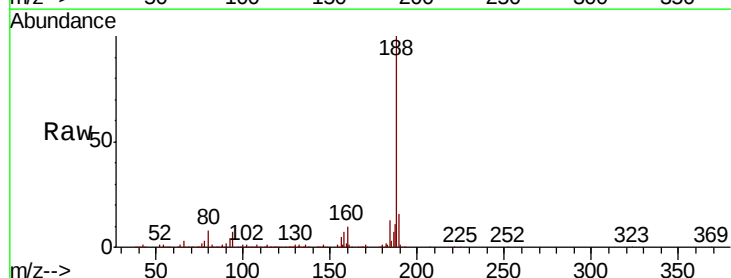
Tgt Ion:188 Resp: 607010

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

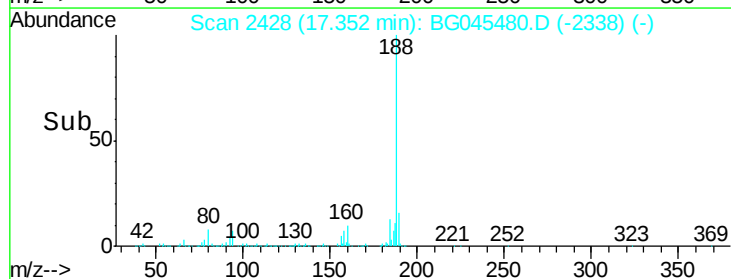
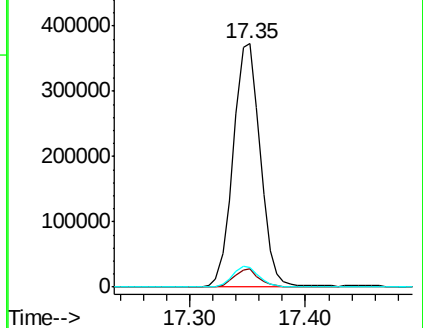
80 8.3 6.6 10.0

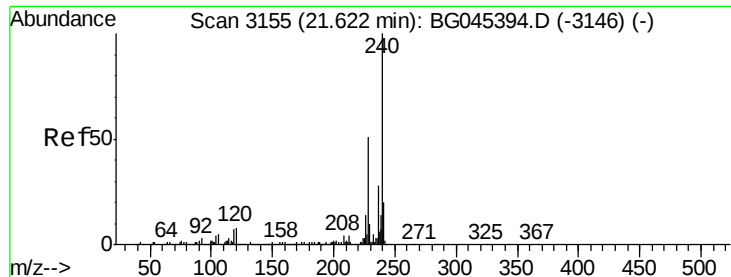


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

Instrument :

BNA_G

ClientSampleId :

NM39-COMP-2020-0-6

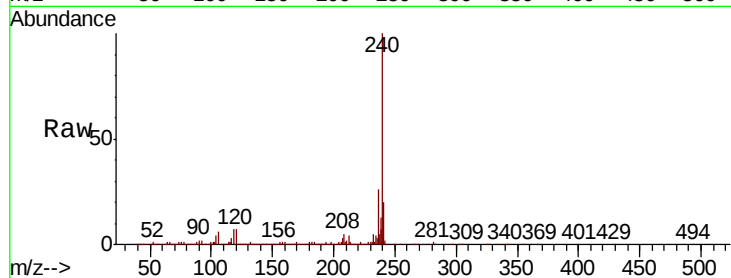
Tot Ion:240 Resp: 538007

Ion Ratio Lower Upper

240 100

120 6.7 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

21.60

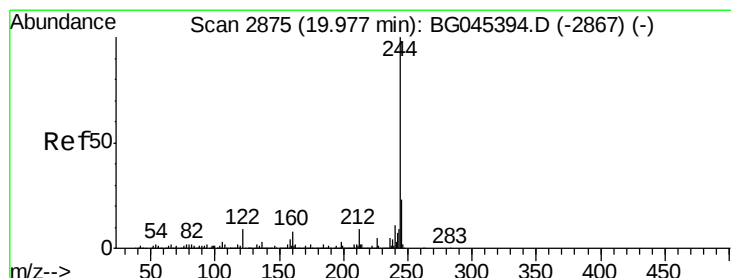
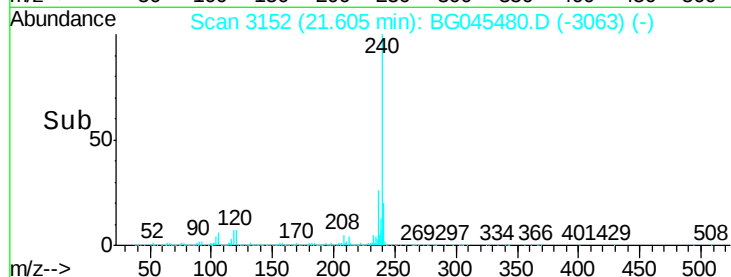
300000

200000

100000

0

Time--> 21.50 21.60 21.70



#79

Terphenyl-d14

Concen: 73.893 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

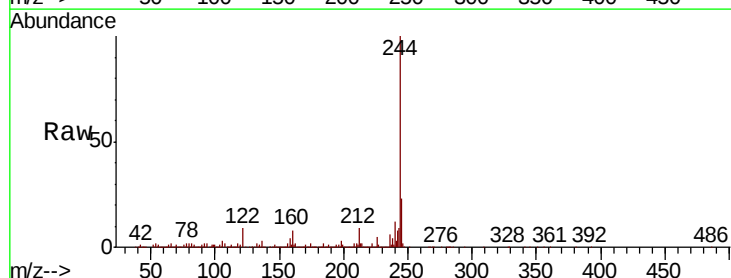
Tgt Ion:244 Resp: 1704537

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

122 8.5 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

19.97

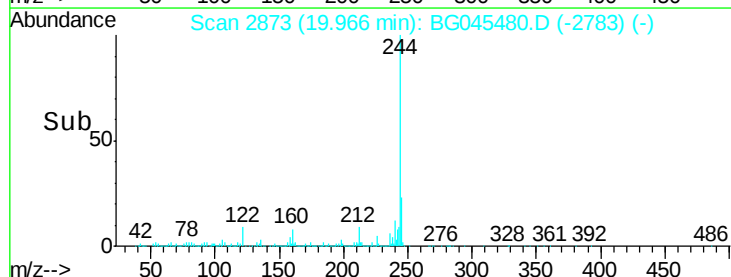
1500000

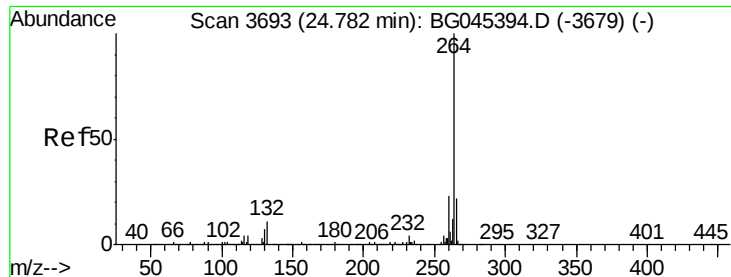
1000000

500000

0

Time--> 19.90 20.00 20.10





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG045480.D
Acq: 27 May 2020 17:35

Instrument :
BNA_G
ClientSampleId :
NM39-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.6	17.6	26.4

