

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045504.D
 Acq On : 28 May 2020 19:36
 Operator : CG/JU
 Sample : L2498-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220

Quant Time: May 29 01:45:29 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

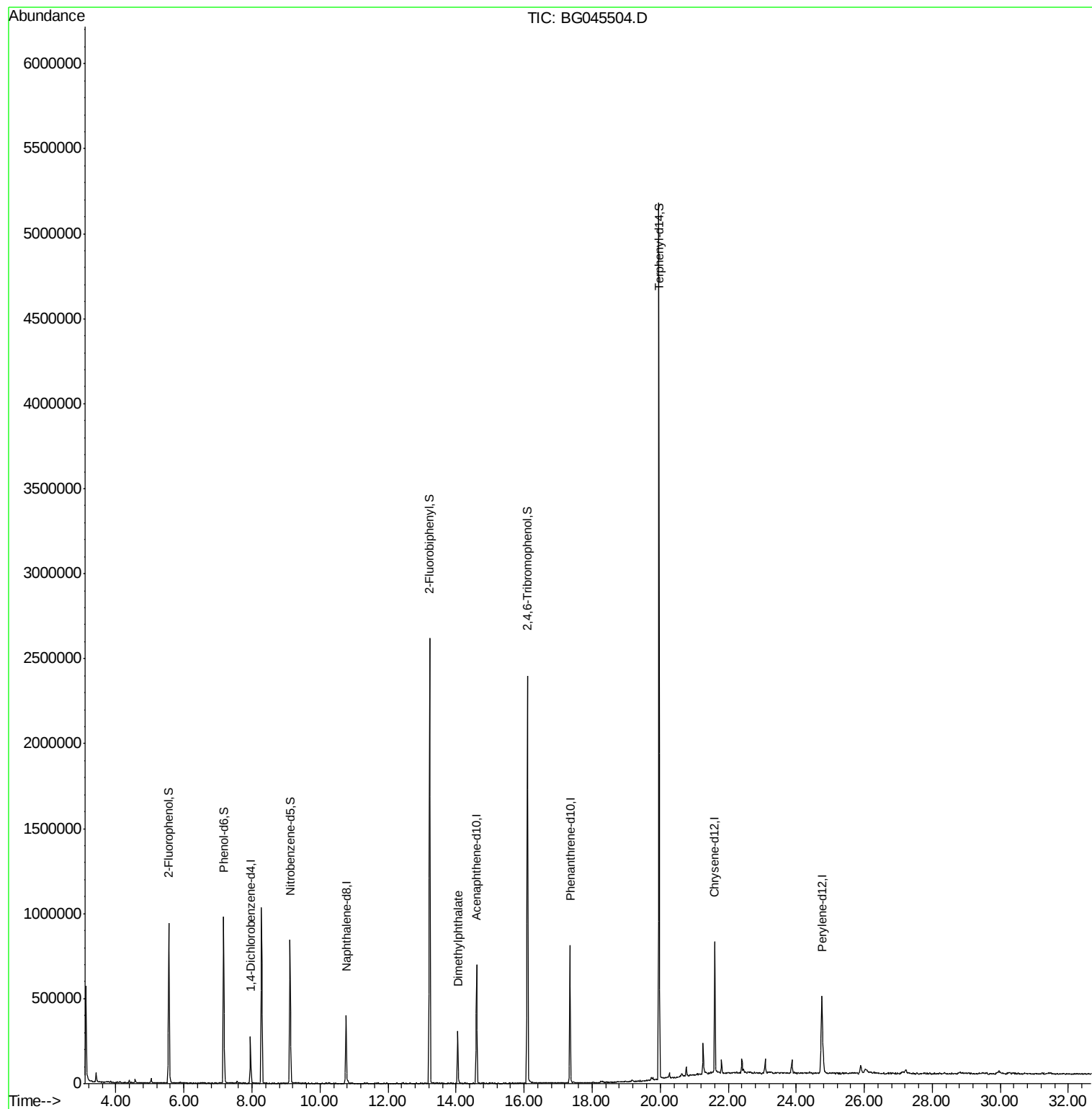
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	86426	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	350736	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	251417	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	539548	20.00	ng	0.00
76) Chrysene-d12	21.60	240	492268	20.00	ng	0.00
87) Perylene-d12	24.76	264	523444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	469701	106.21	ng	0.00
7) Phenol-d6	7.16	99	661478	105.09	ng	0.00
23) Nitrobenzene-d5	9.12	82	577666	89.81	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	512827	159.49	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1418409	95.69	ng	0.00
79) Terphenyl-d14	19.96	244	2385019	113.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	204681	11.868	ng	Qvalue 99

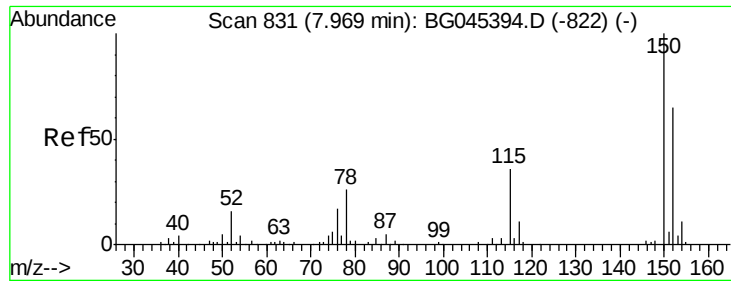
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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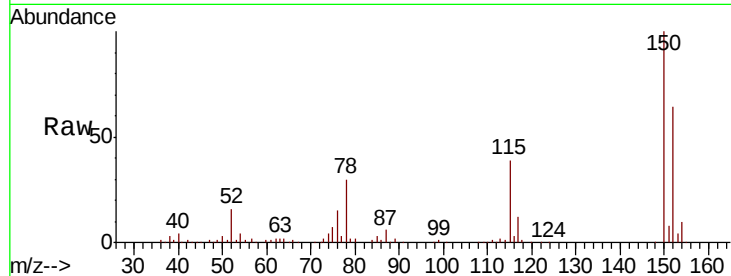


#1

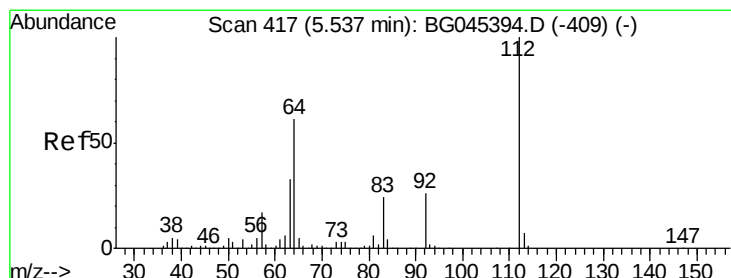
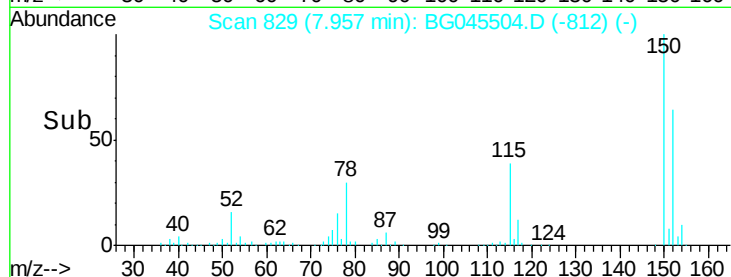
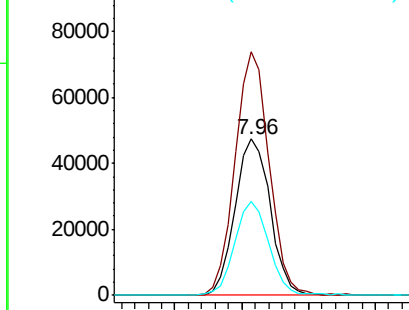
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045504.D
Acq: 28 May 2020 19:36

Instrument :
BNA_G
ClientSampleId :
CL-01-052220

Tot Ion:152 Resp: 86426
Ion Ratio Lower Upper
152 100
150 155.6 122.4 183.6
115 60.3 44.2 66.4



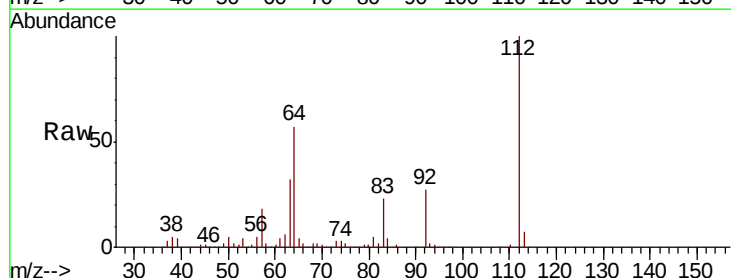
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



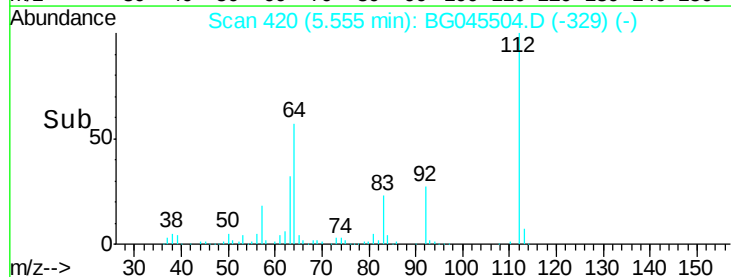
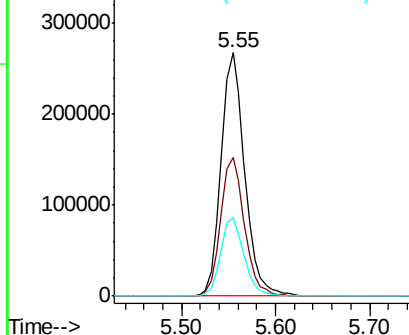
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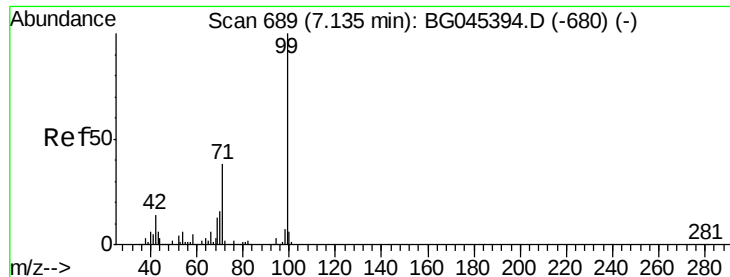
2-Fluorophenol
Concen: 106.211 ng
RT: 5.55 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG045504.D
Acq: 28 May 2020 19:36

Tgt Ion:112 Resp: 469701
Ion Ratio Lower Upper
112 100
64 56.8 48.6 72.8
63 32.2 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: 105.091 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045504.D

Acq: 28 May 2020 19:36

Instrument :

BNA_G

ClientSampleId :

CL-01-052220

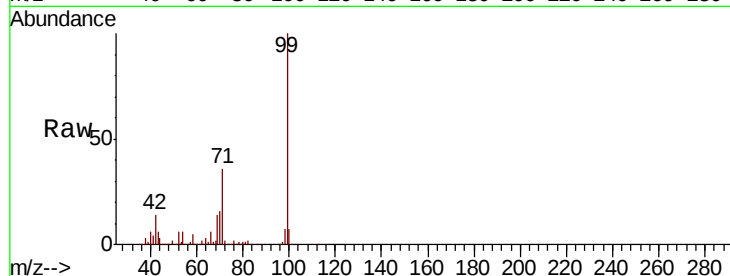
Tot Ion: 99 Resp: 661478

Ion Ratio Lower Upper

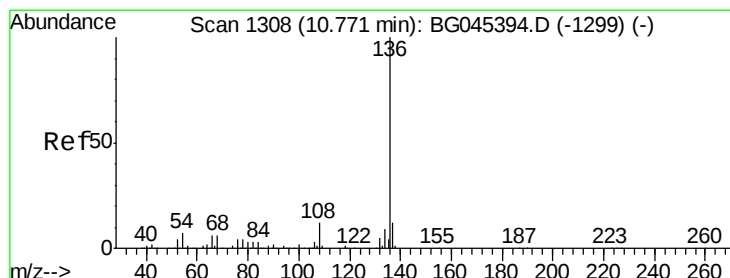
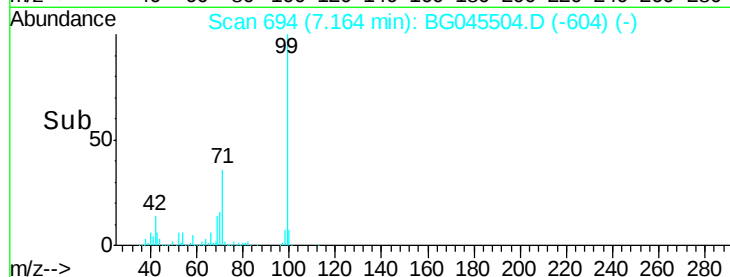
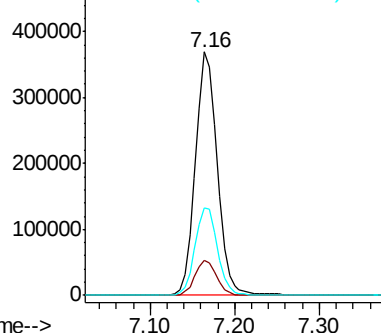
99 100

42 14.2 11.3 16.9

71 36.2 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: BG045504.D

Acq: 28 May 2020 19:36

Tgt Ion: 136 Resp: 350736

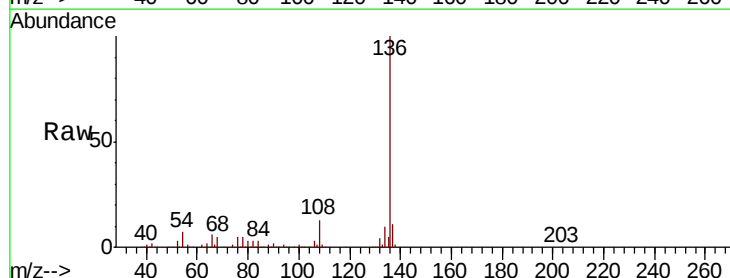
Ion Ratio Lower Upper

136 100

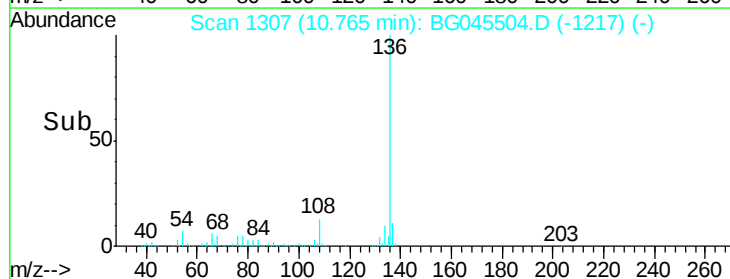
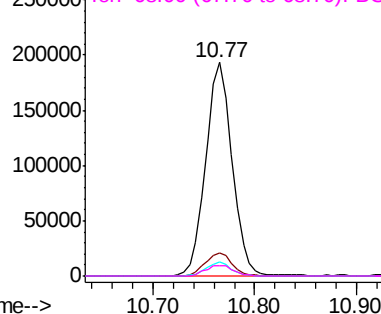
137 10.7 9.4 14.2

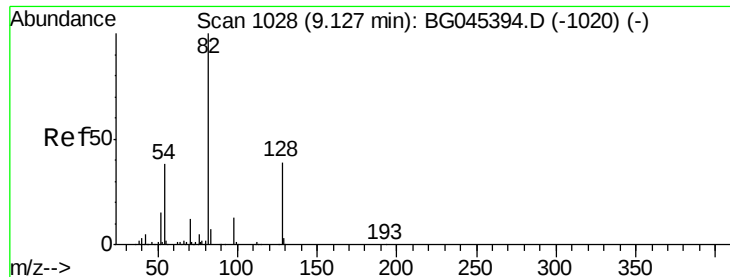
54 6.5 5.8 8.6

68 4.9 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

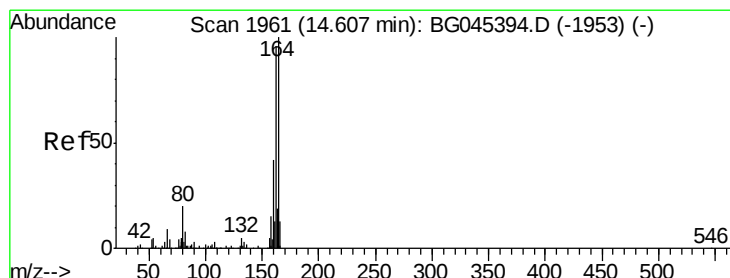
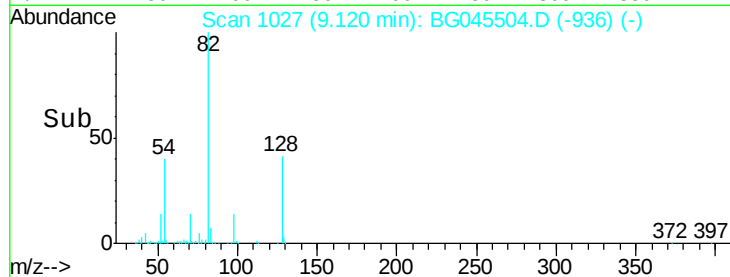
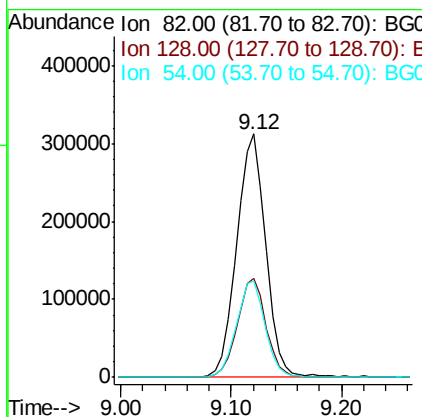
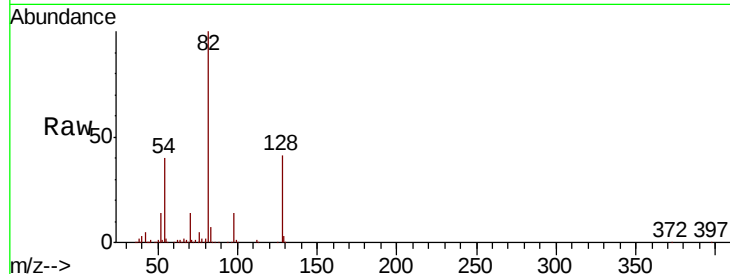




#23
 Nitrobenzene-d5
 Concen: 89.814 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045504.D
 Acq: 28 May 2020 19:36

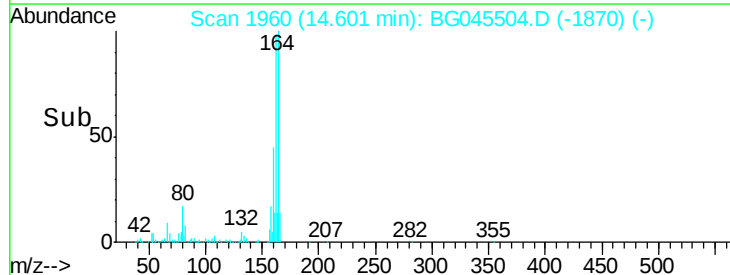
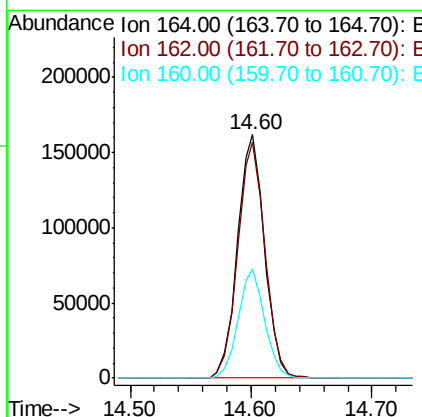
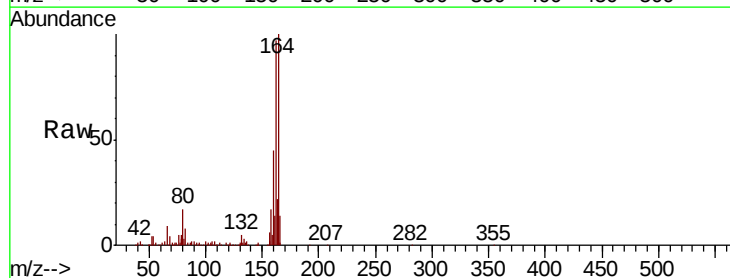
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220

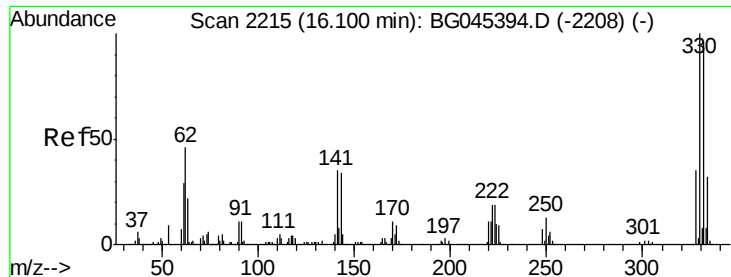
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	30.9	46.3
54	39.6	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG045504.D
 Acq: 28 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	76.9	115.3
160	44.9	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 159.494 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045504.D

Acq: 28 May 2020 19:36

Instrument :

BNA_G

ClientSampleId :

CL-01-052220

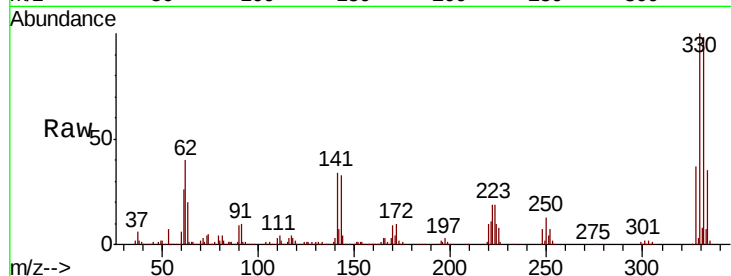
Tot Ion:330 Resp: 512827

Ion Ratio Lower Upper

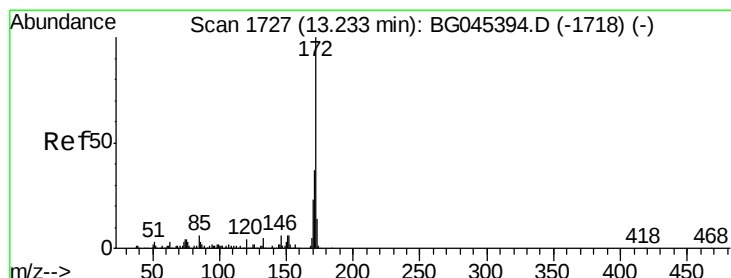
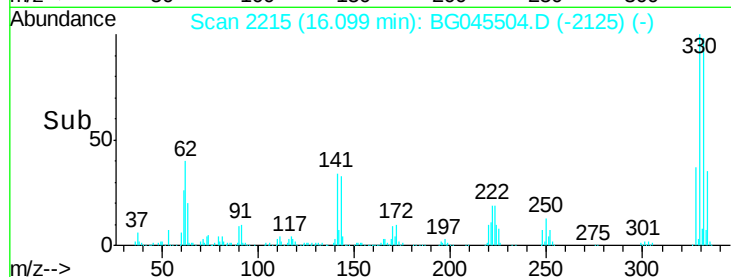
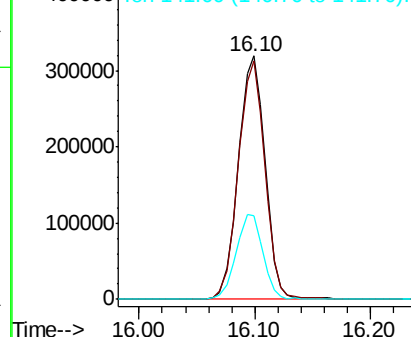
330 100

332 97.6 78.2 117.4

141 34.9 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: 95.694 ng

RT: 13.22 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG045504.D

Acq: 28 May 2020 19:36

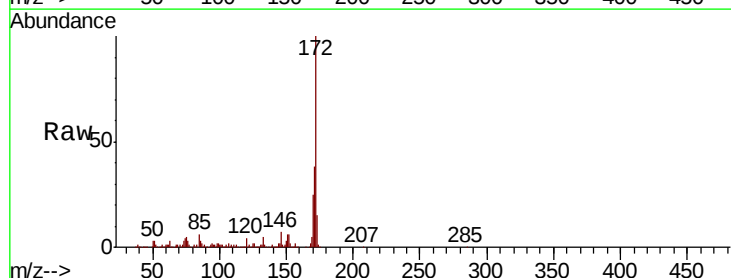
Tgt Ion:172 Resp: 1418409

Ion Ratio Lower Upper

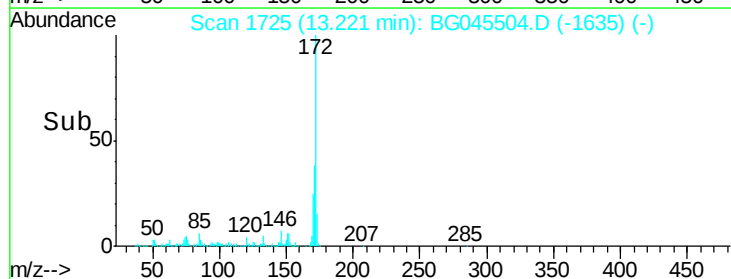
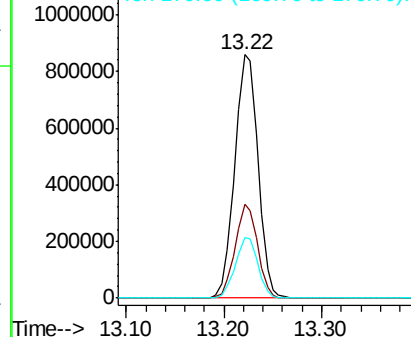
172 100

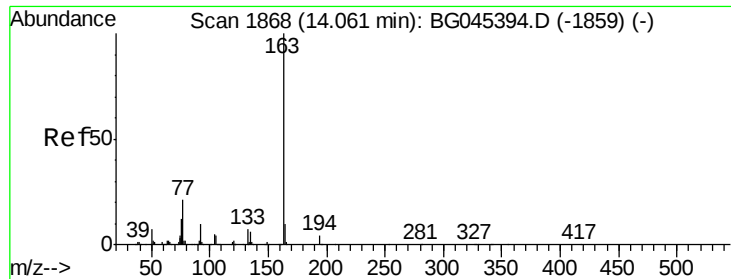
171 38.4 29.5 44.3

170 24.8 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

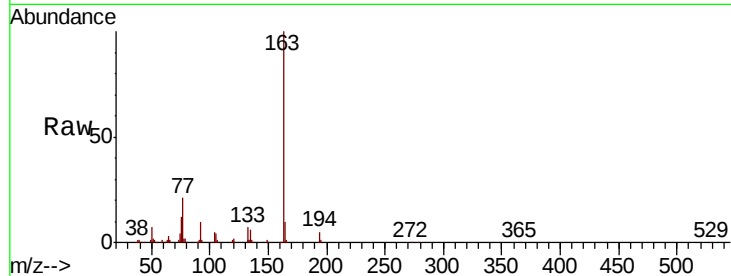




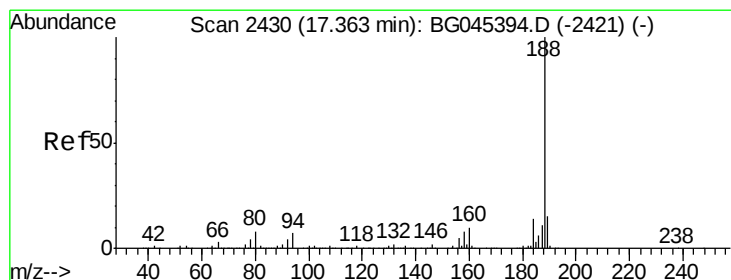
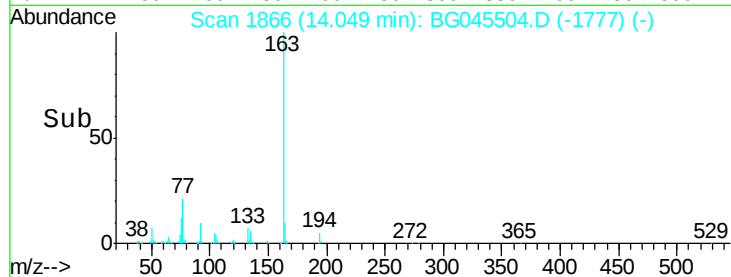
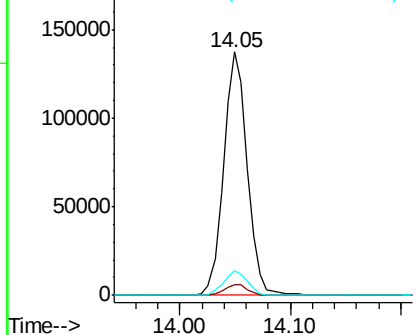
#50
Dimethylphthalate
Concen: 11.868 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045504.D
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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	10.1	8.3	12.5

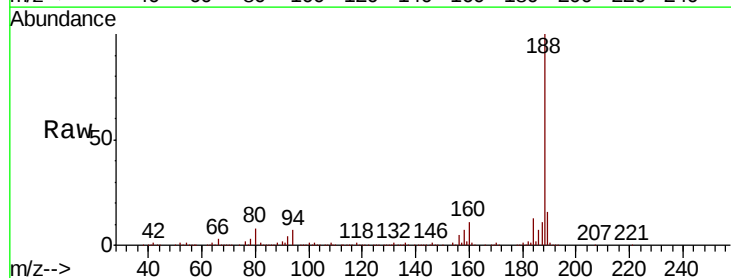


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

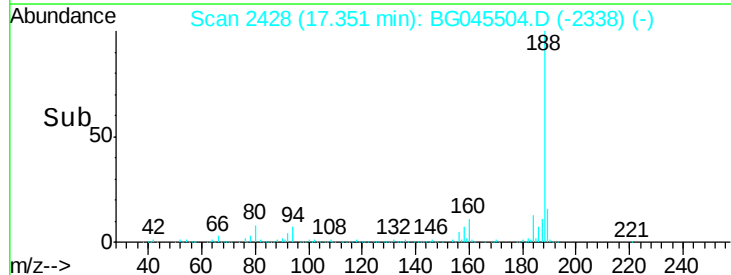
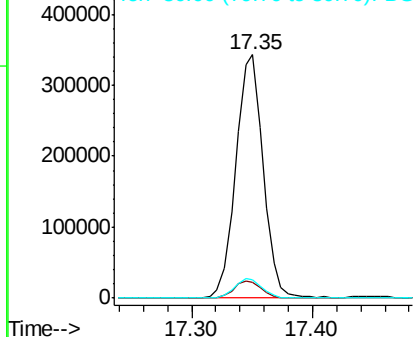


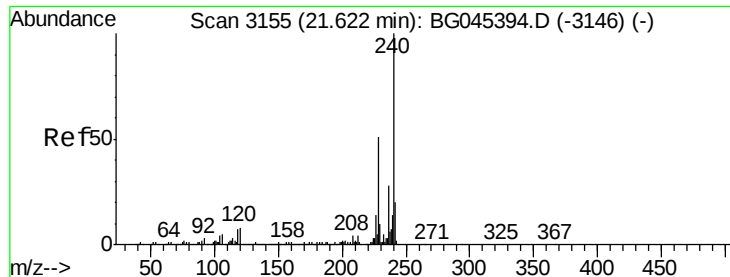
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045504.D
Acq: 28 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.5	8.3
80	7.7	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

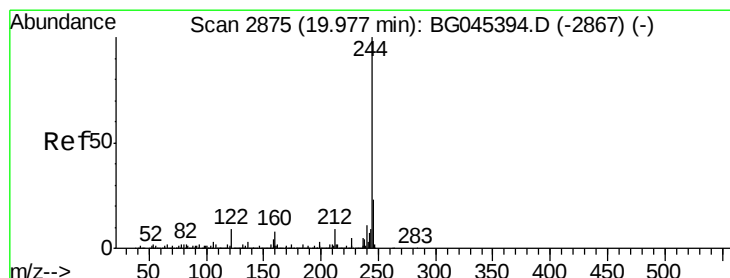
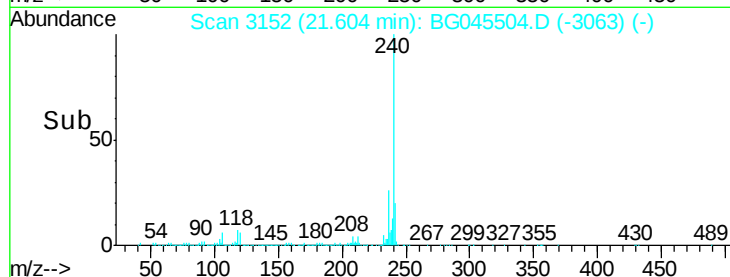
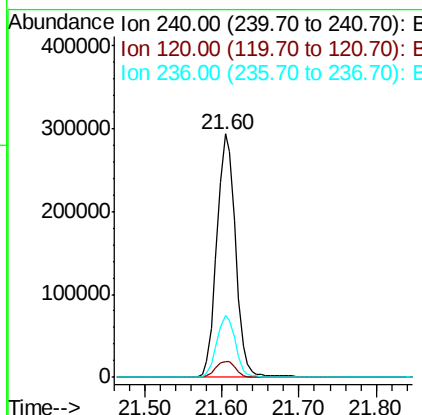
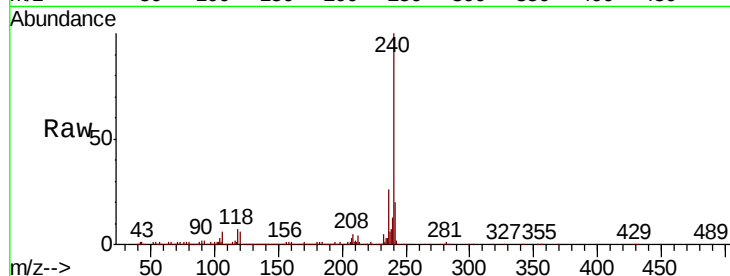




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG045504.D
 Acq: 28 May 2020 19:36

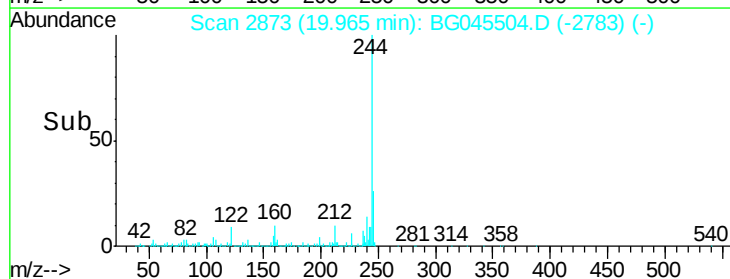
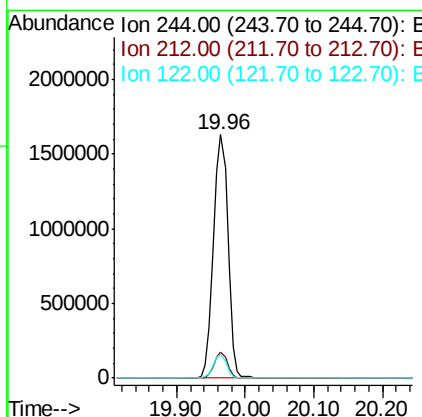
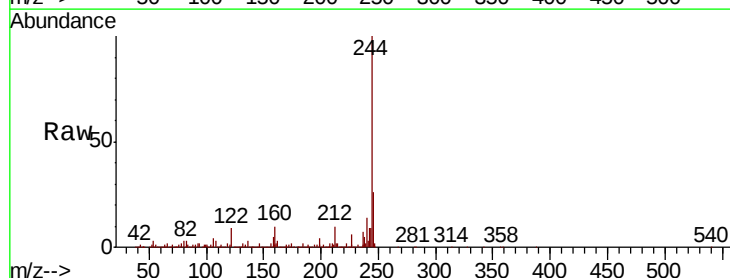
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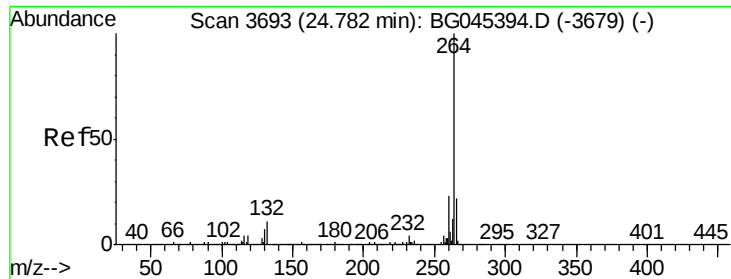
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.1	9.1
236	25.6	22.3	33.5



#79
 Terphenyl-d14
 Concen: 112.999 ng
 RT: 19.96 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: BG045504.D
 Acq: 28 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.4	11.0
122	9.4	6.8	10.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BG045504.D
Acq: 28 May 2020 19:36

Instrument :
BNA_G
ClientSampleId :
CL-01-052220

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.3	17.6	26.4

