

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\
 Data File : BG045452.D
 Acq On : 21 May 2020 23:03
 Operator : CG/JU
 Sample : L2728-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 240001

Quant Time: May 22 01:13:22 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 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	61218	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	245448	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	183872	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	448732	20.00	ng	0.00
76) Chrysene-d12	21.61	240	462375	20.00	ng	0.00
87) Perylene-d12	24.76	264	485349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	383334	122.37	ng	0.00
7) Phenol-d6	7.18	99	495773	111.20	ng	0.00
23) Nitrobenzene-d5	9.12	82	456949	101.52	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	385551	163.96	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1117160	103.06	ng	0.00
79) Terphenyl-d14	19.97	244	2169535	109.44	ng	0.00

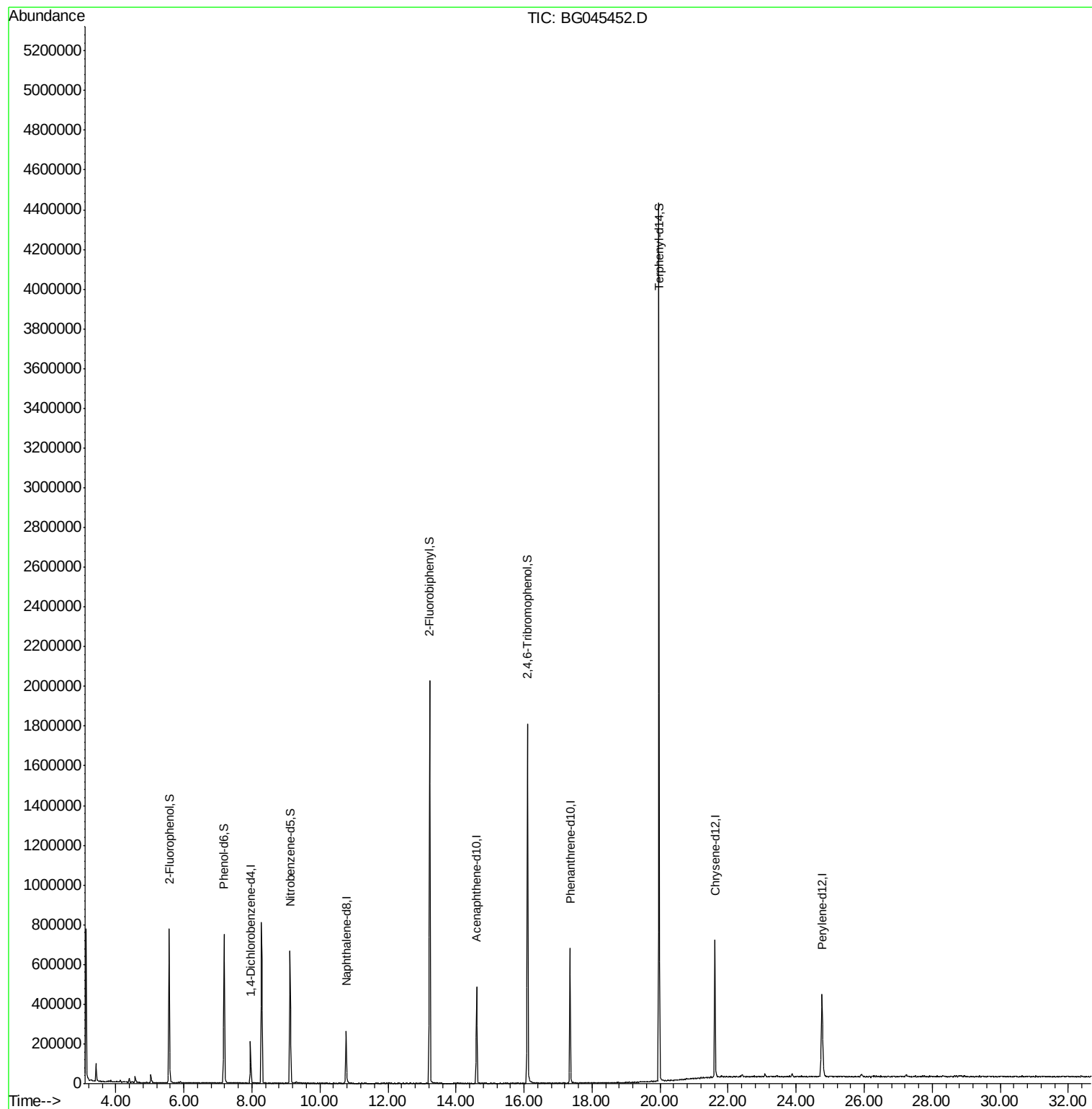
Target Compounds Qvalue

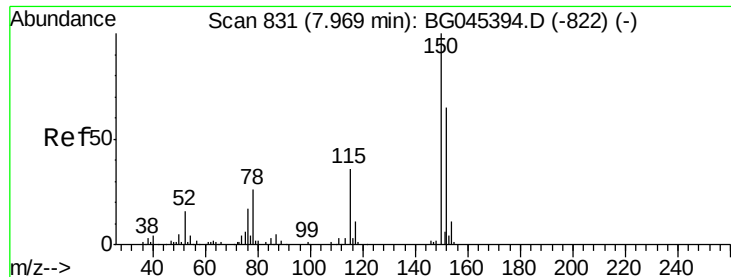
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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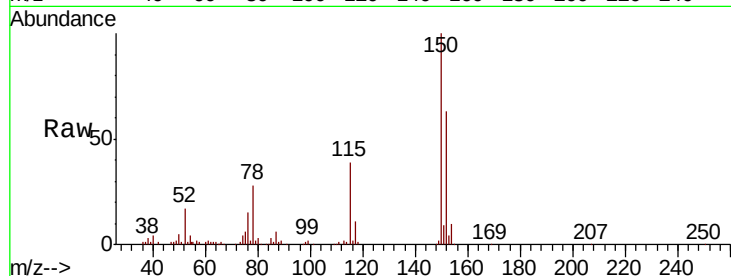


#1

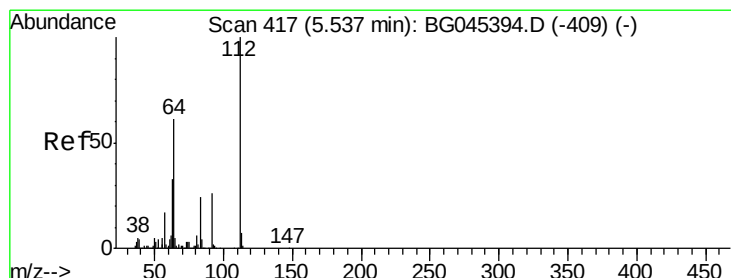
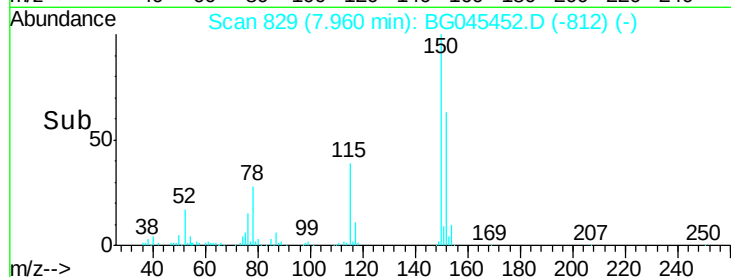
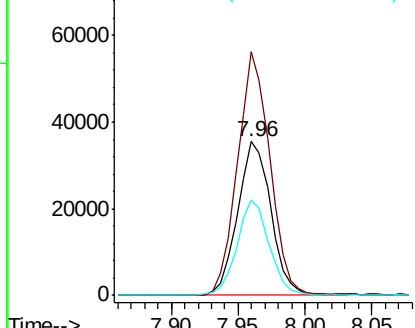
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045452.D
Acq: 21 May 2020 23:03

Instrument :
BNA_G
ClientSampleId :
240001

Tot Ion:152 Resp: 61218
Ion Ratio Lower Upper
152 100
150 158.5 122.4 183.6
115 62.1 44.2 66.4



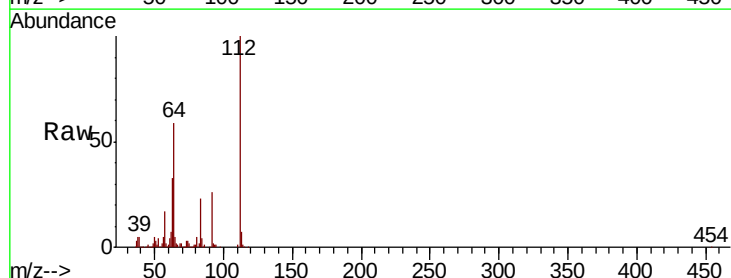
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



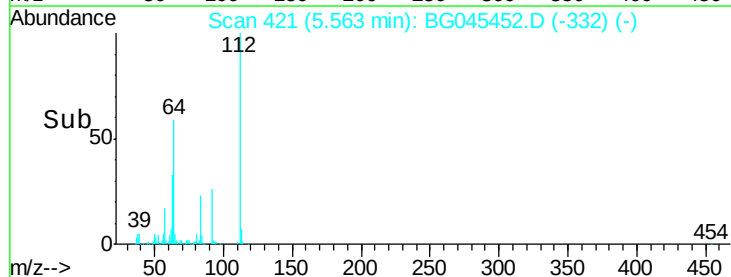
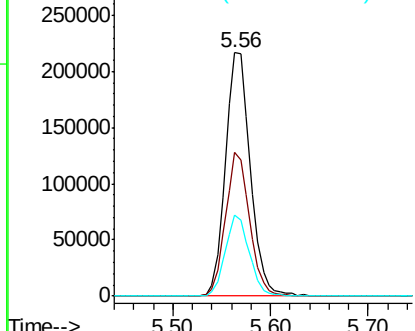
#5

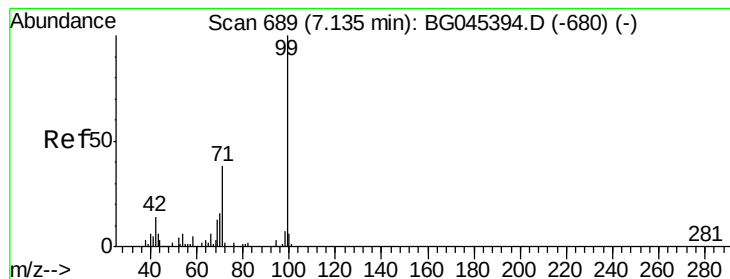
2-Fluorophenol
Concen: 122.374 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.01 min
Lab File: BG045452.D
Acq: 21 May 2020 23:03

Tgt Ion:112 Resp: 383334
Ion Ratio Lower Upper
112 100
64 58.9 48.6 72.8
63 33.1 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: 111.198 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045452.D

Acq: 21 May 2020 23:03

Instrument :

BNA_G

ClientSampleId :

240001

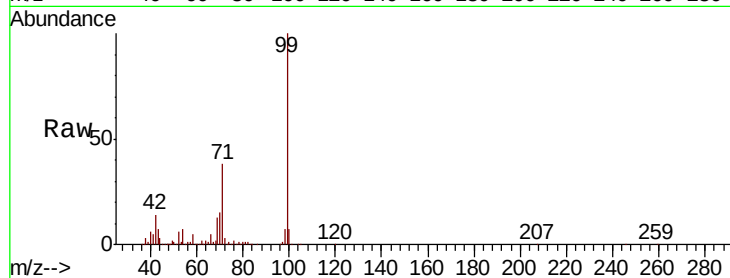
Tot Ion: 99 Resp: 495773

Ion Ratio Lower Upper

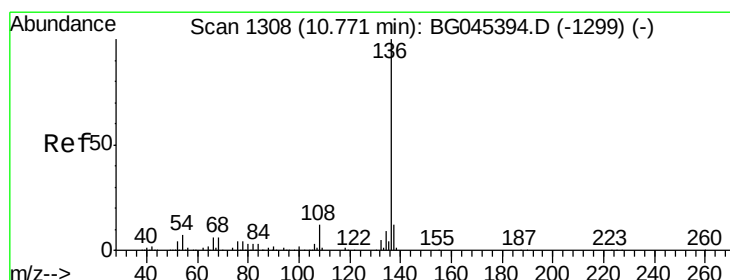
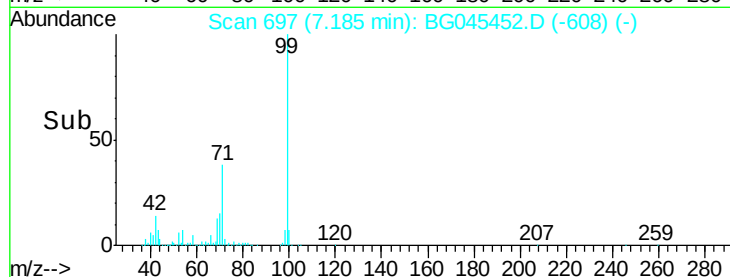
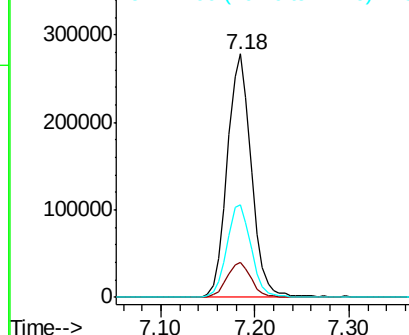
99 100

42 14.2 11.3 16.9

71 38.1 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. 0.01 min

Lab File: BG045452.D

Acq: 21 May 2020 23:03

Tgt Ion: 136 Resp: 245448

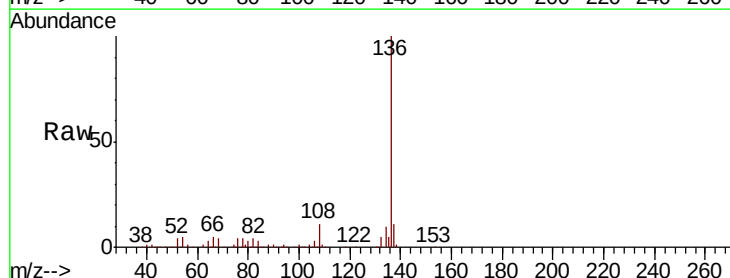
Ion Ratio Lower Upper

136 100

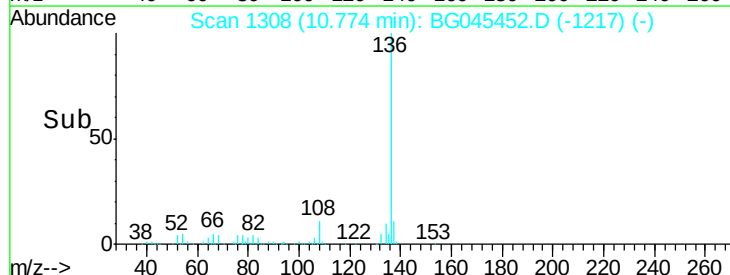
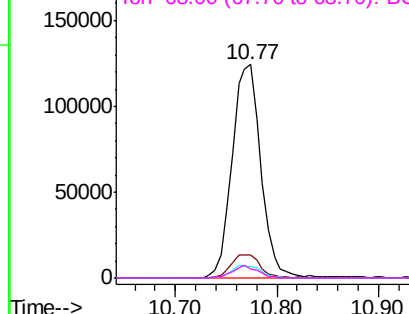
137 10.8 9.4 14.2

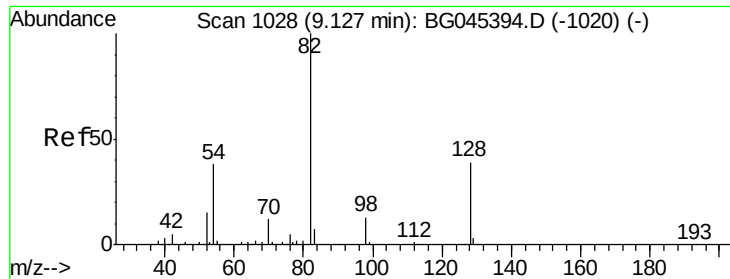
54 5.2 5.8 8.6#

68 4.1 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

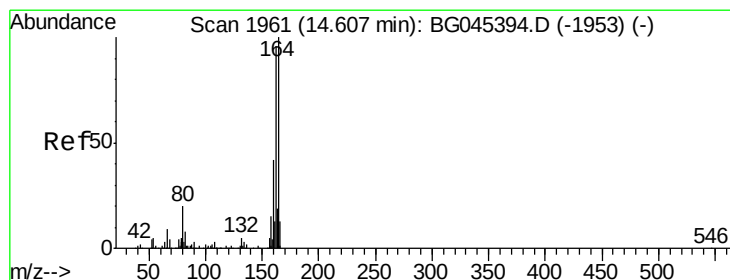
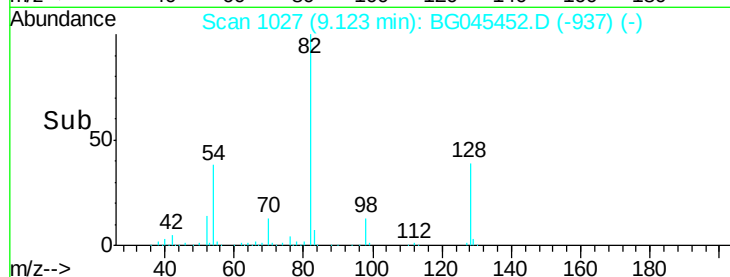
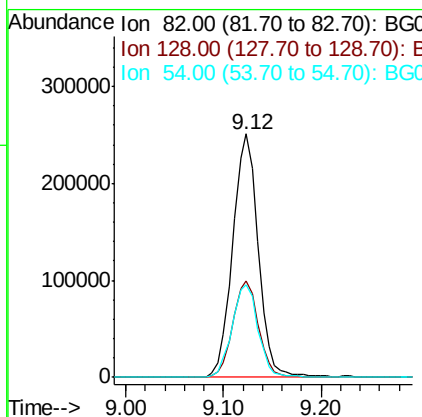
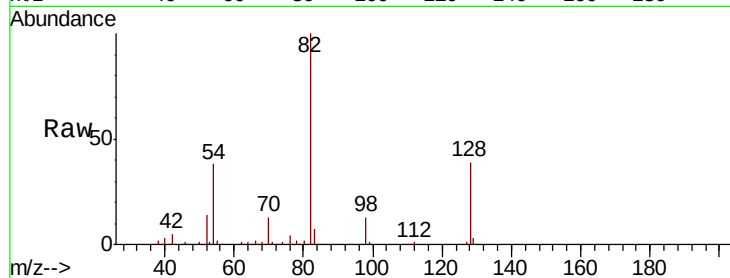




#23
Nitrobenzene-d5
Concen: 101.521 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BG045452.D
Acq: 21 May 2020 23:03

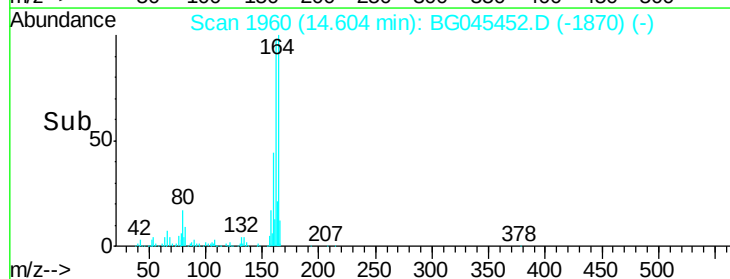
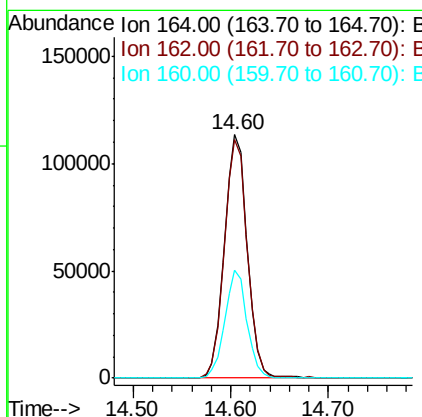
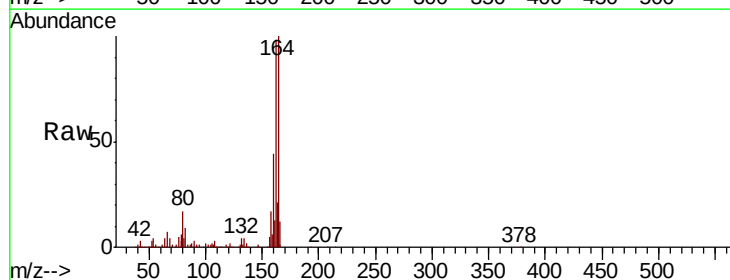
Instrument :
BNA_G
ClientSampleId :
240001

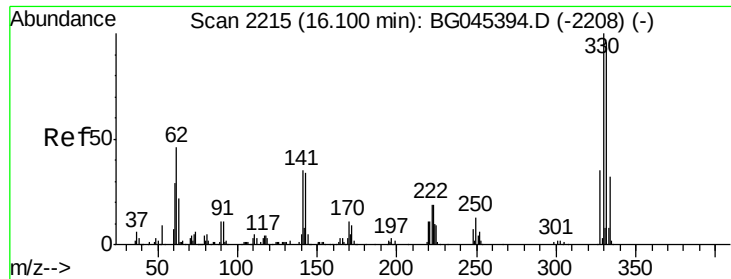
Tot Ion	82	Resp	456949
Ion Ratio	Lower	Upper	
82	100		
128	39.4	30.9	46.3
54	38.1	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG045452.D
Acq: 21 May 2020 23:03

Tgt Ion	164	Resp	183872
Ion Ratio	Lower	Upper	
164	100		
162	98.1	76.9	115.3
160	44.1	33.8	50.8

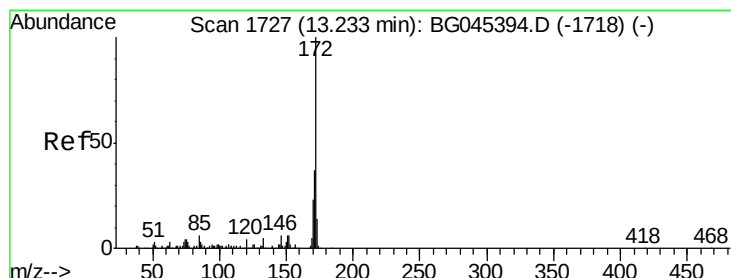
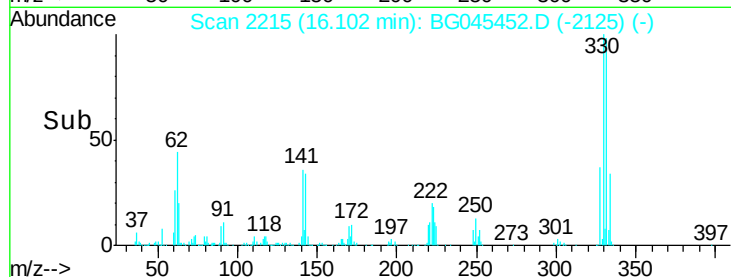
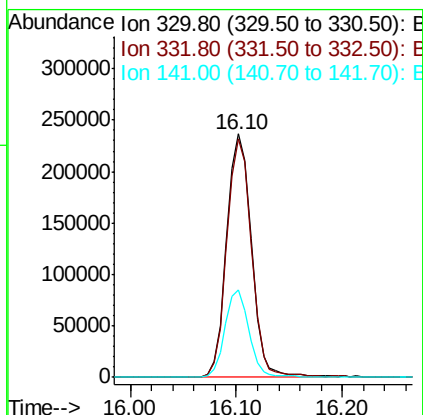
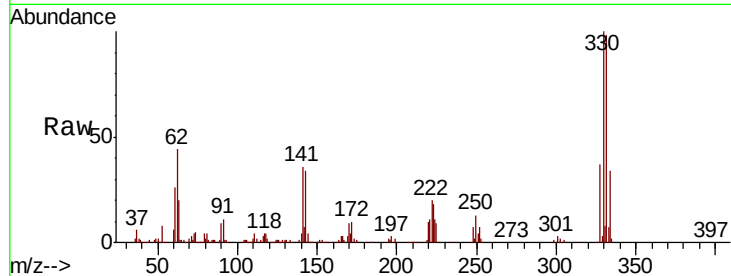




#42
 2,4,6-Tribromophenol
 Concen: 163.959 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045452.D
 Acq: 21 May 2020 23:03

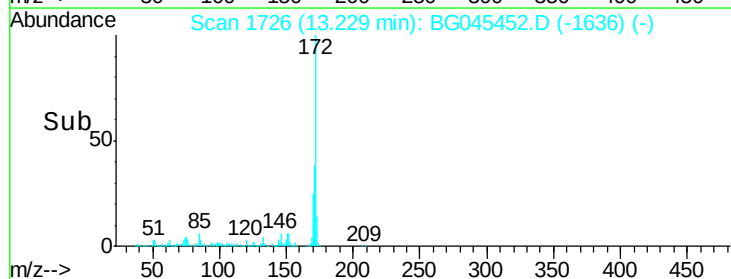
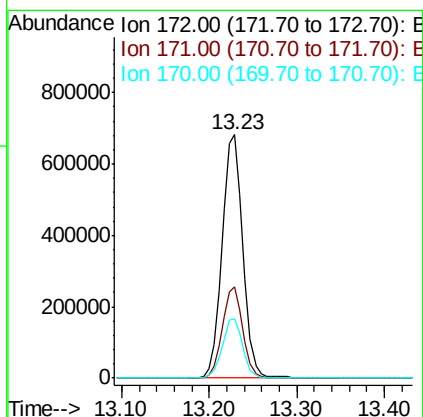
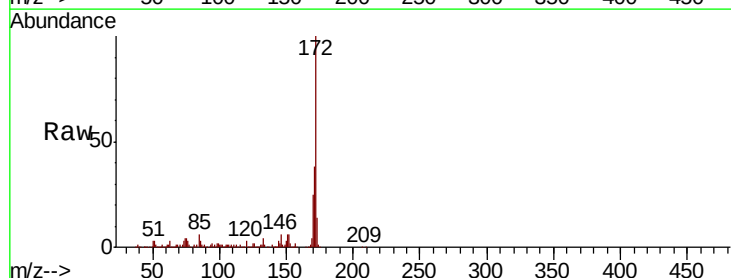
Instrument :
 BNA_G
 ClientSampleId :
 240001

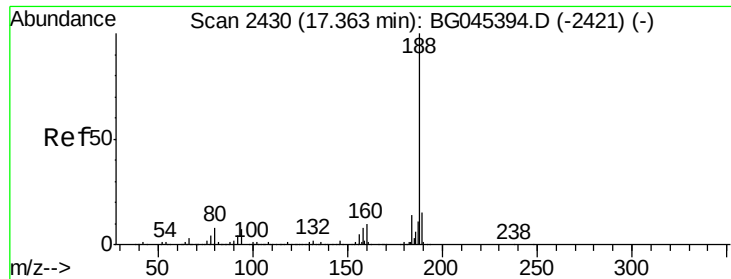
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.4
141	34.8	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 103.057 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045452.D
 Acq: 21 May 2020 23:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.5	44.3
170	24.6	18.5	27.7

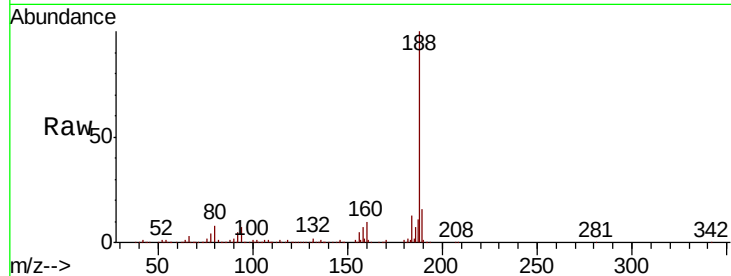




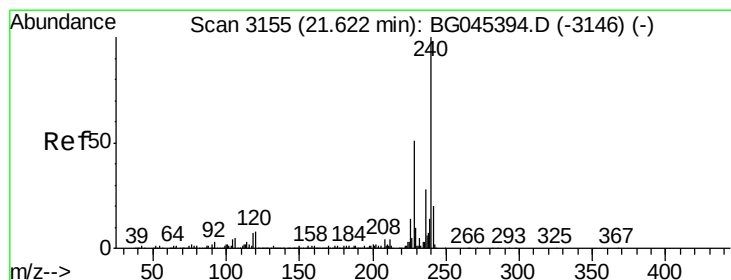
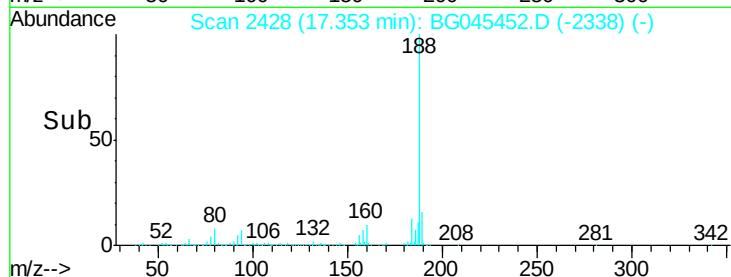
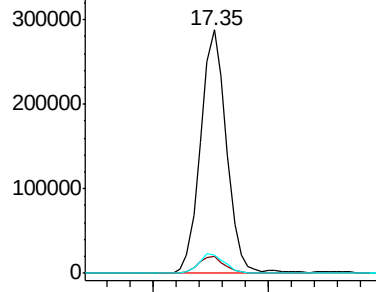
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BG045452.D
 Acq: 21 May 2020 23:03

Instrument :
 BNA_G
 ClientSampleId :
 240001

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.5	8.3
80	7.7	6.6	10.0

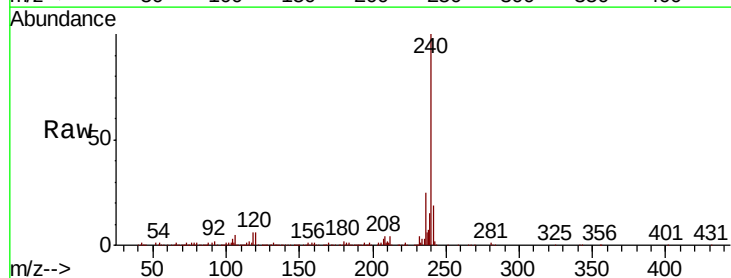


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

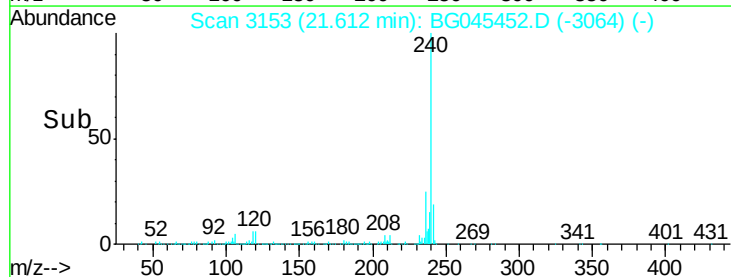
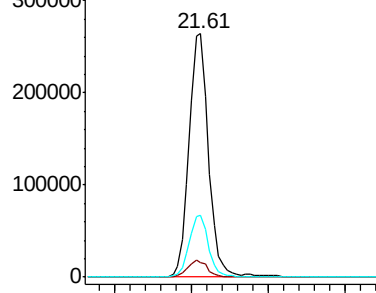


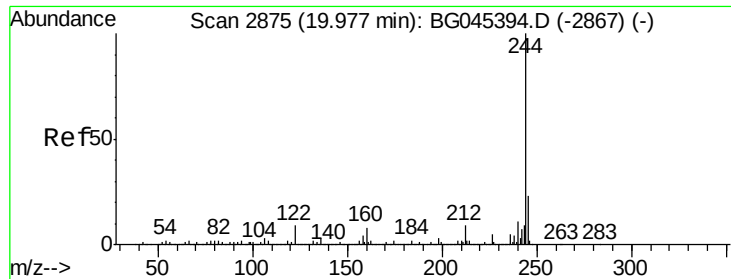
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG045452.D
 Acq: 21 May 2020 23:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.1	9.1
236	25.3	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





#79

Terphenyl-d14

Concen: 109.435 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045452.D

Acq: 21 May 2020 23:03

Instrument :

BNA_G

ClientSampleId :

240001

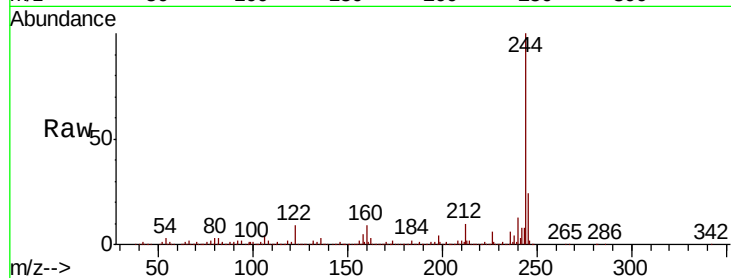
Tot Ion:244 Resp: 2169535

Ion Ratio Lower Upper

244 100

212 10.3 7.4 11.0

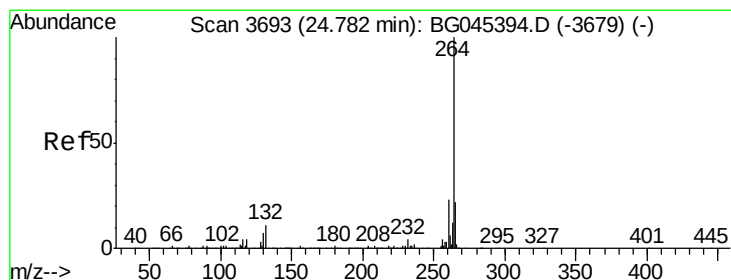
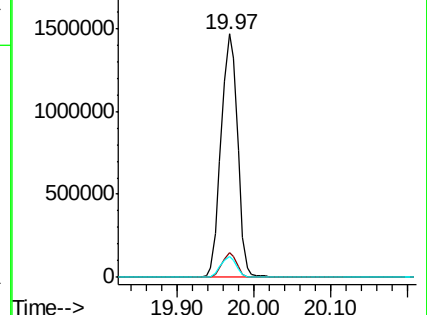
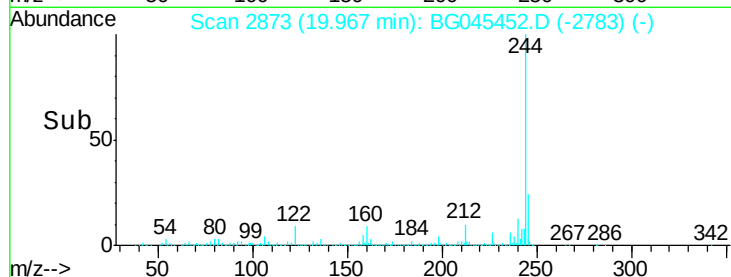
122 8.8 6.8 10.2



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: 24.76 min Scan# 3689

Delta R.T. -0.01 min

Lab File: BG045452.D

Acq: 21 May 2020 23:03

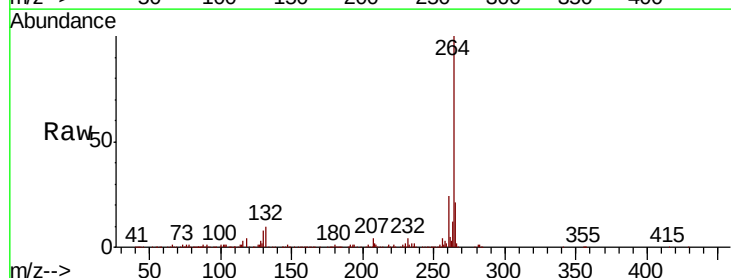
Tgt Ion:264 Resp: 485349

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.1 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

