

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045589.D
 Acq On : 3 Jun 2020 20:21
 Operator : CG/JU
 Sample : L2831-02 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 04 02:50:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

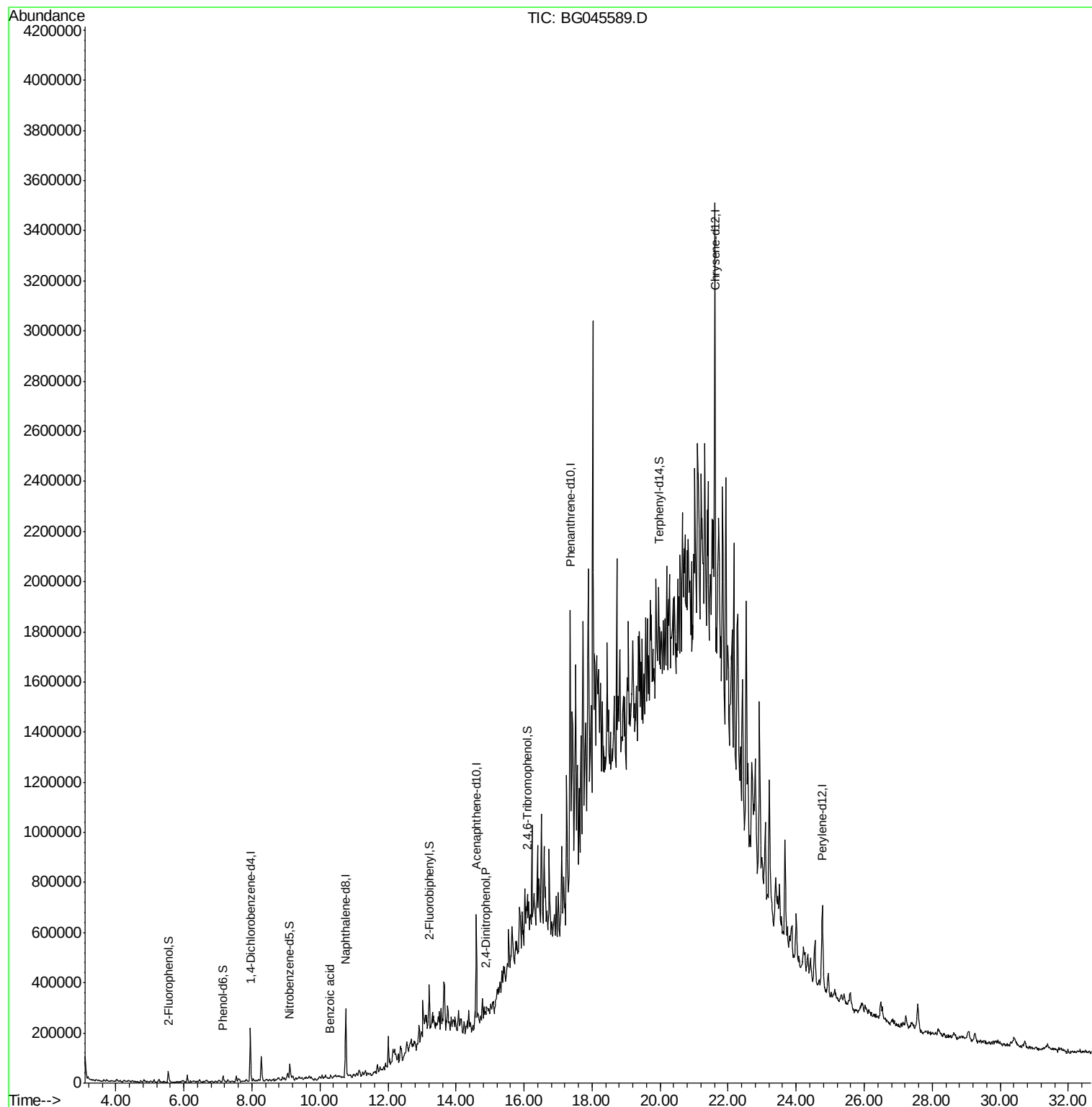
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	64221	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	242069	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	156561	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	340427	20.00	ng	0.00
76) Chrysene-d12	21.61	240	345252	20.00	ng	0.00
87) Perylene-d12	24.77	264	341414	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	22472	6.84	ng	0.00
7) Phenol-d6	7.16	99	20426	4.37	ng	0.00
23) Nitrobenzene-d5	9.11	82	46693	10.52	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	29200	14.58	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	106006	11.48	ng	0.00
79) Terphenyl-d14	19.97	244	179417	12.12	ng	0.00
Target Compounds						
32) Benzoic acid	10.28	122	68	10.049	ng	# 1
54) 2,4-Dinitrophenol	14.87	184	60	5.494	ng	# 1

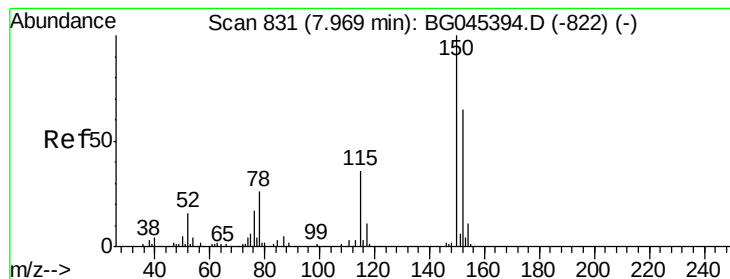
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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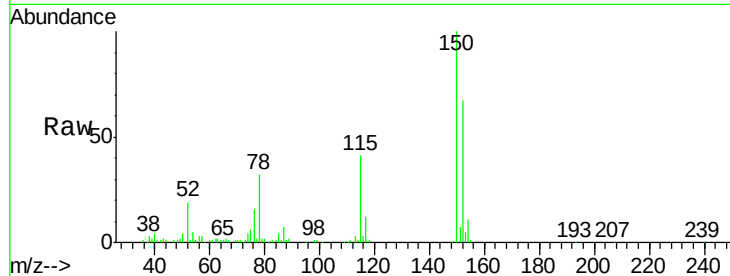


#1

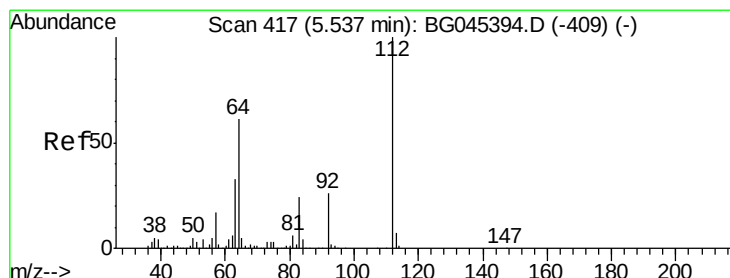
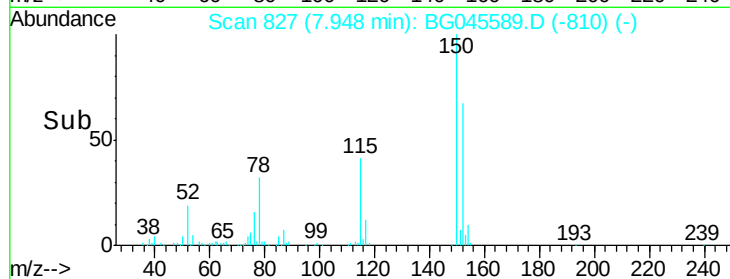
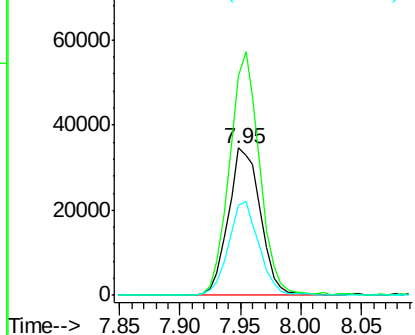
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045589.D
Acq: 3 Jun 2020 20:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	122.4	183.6
115	61.0	44.2	66.4



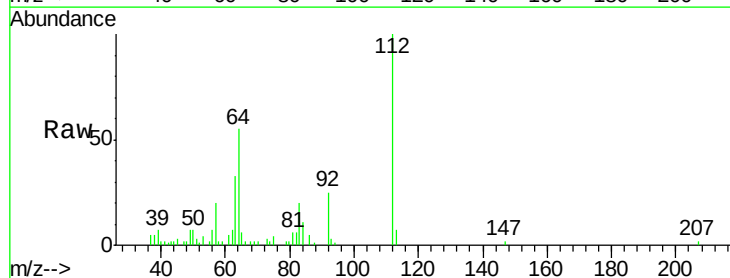
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



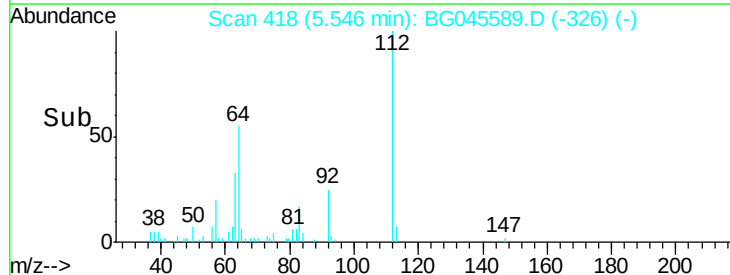
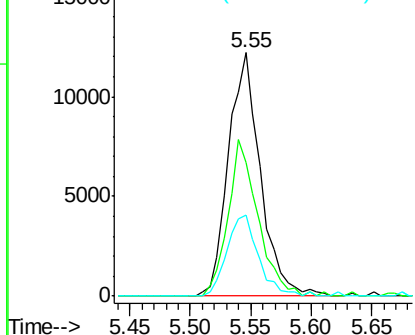
#5

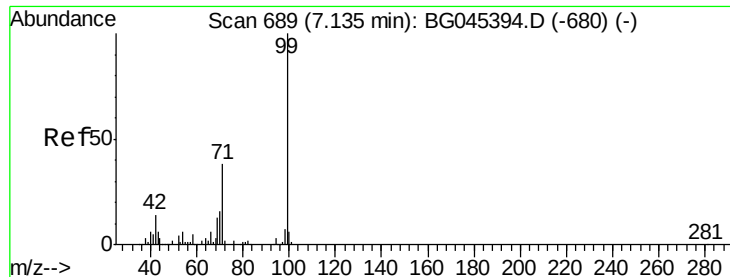
2-Fluorophenol
Concen: 6.838 ng
RT: 5.55 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG045589.D
Acq: 3 Jun 2020 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 4.367 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

Instrument :

BNA_G

ClientSampleId :

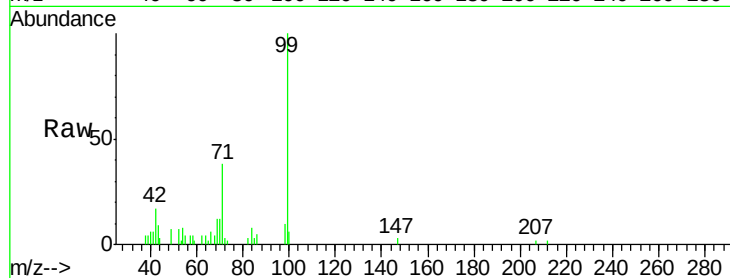
Tot Ion: 99 Resp: 20426

Ion Ratio Lower Upper

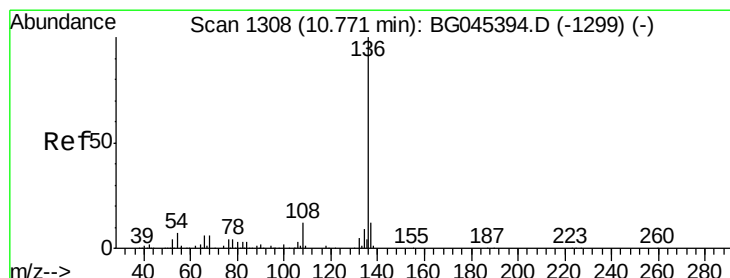
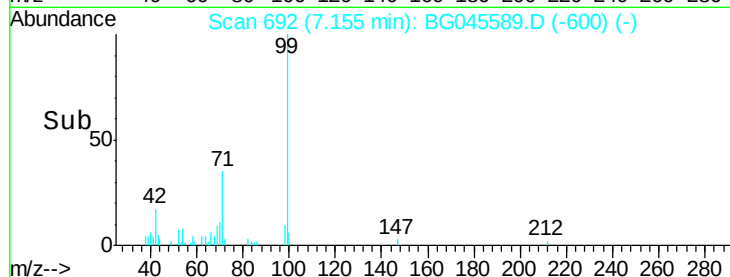
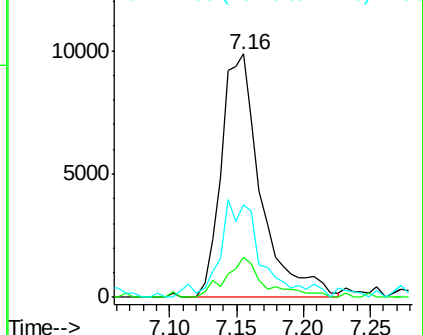
99 100

42 16.6 11.3 16.9

71 38.0 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: 10.76 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

Tgt Ion: 136 Resp: 242069

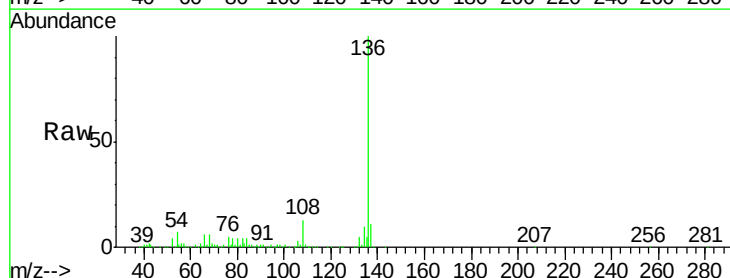
Ion Ratio Lower Upper

136 100

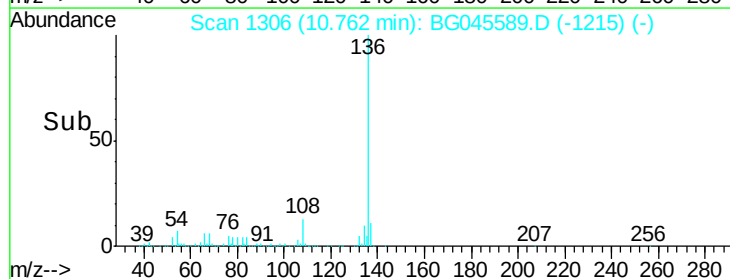
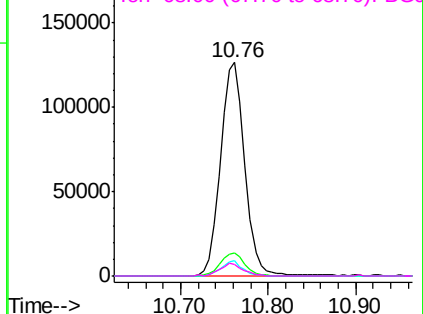
137 10.8 9.4 14.2

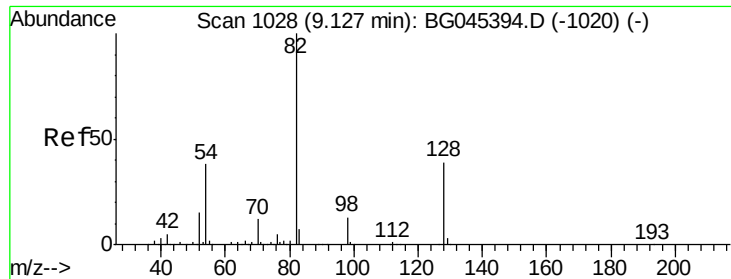
54 7.4 5.8 8.6

68 5.6 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

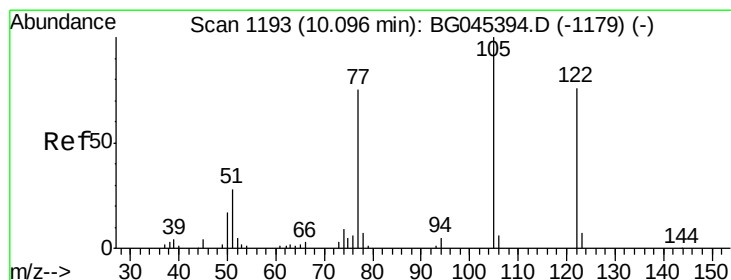
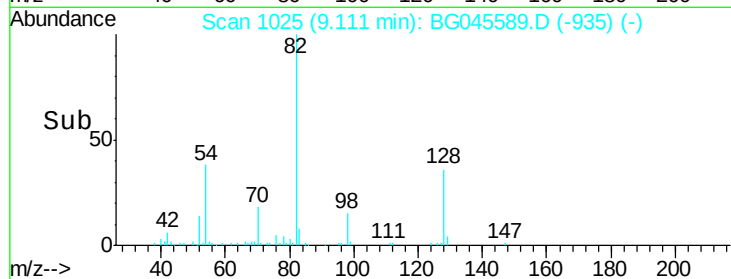
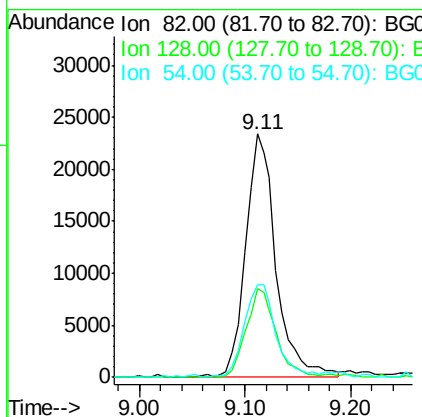
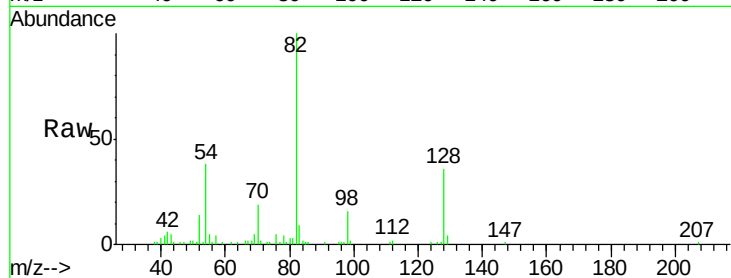




#23
 Nitrobenzene-d5
 Concen: 10.519 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045589.D
 Acq: 3 Jun 2020 20:21

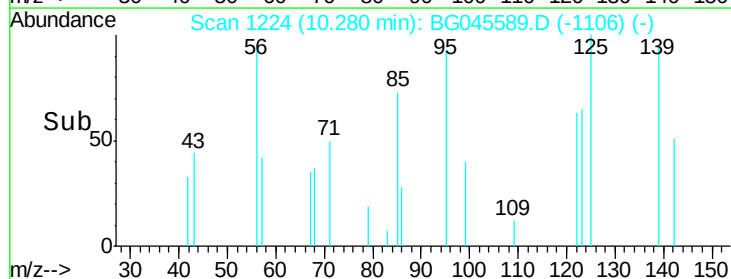
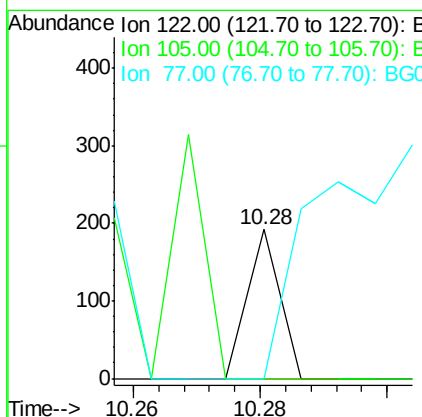
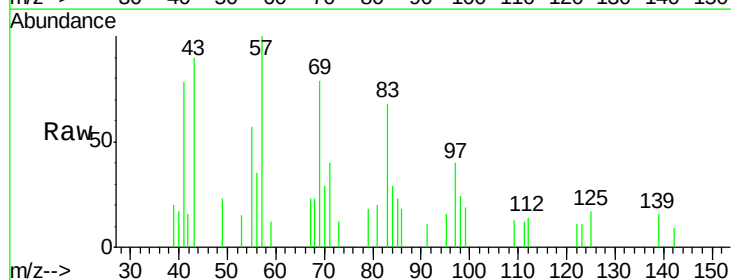
Instrument :
 BNA_G
 ClientSampleId :

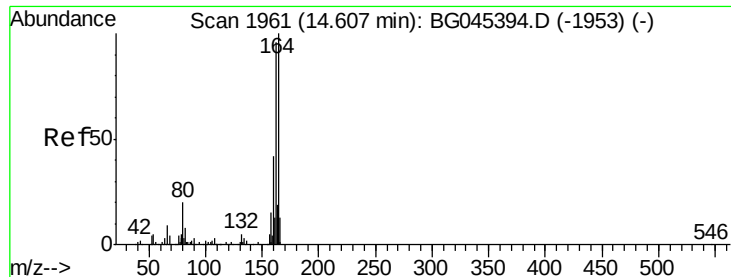
Tot Ion	82	Resp	46693
Ion Ratio	Lower	Upper	
82	100		
128	36.2	30.9	46.3
54	38.3	30.3	45.5



#32
 Benzoic acid
 Concen: 10.049 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. 0.16 min
 Lab File: BG045589.D
 Acq: 3 Jun 2020 20:21

Tgt Ion	122	Resp	68
Ion Ratio	Lower	Upper	
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

Instrument :

BNA_G

ClientSampleId :

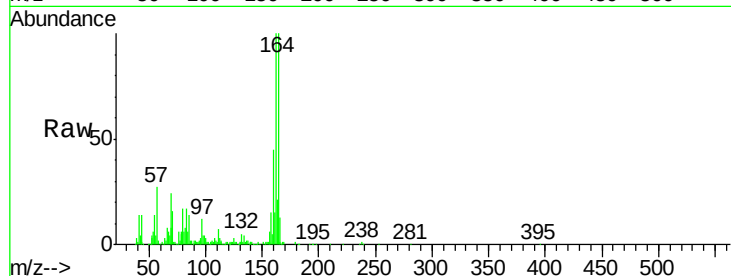
Tot Ion:164 Resp: 156561

Ion Ratio Lower Upper

164 100

162 99.6 76.9 115.3

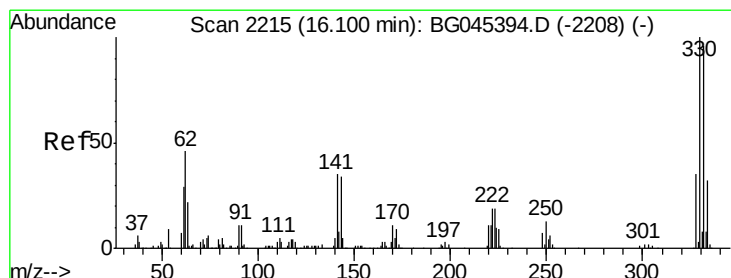
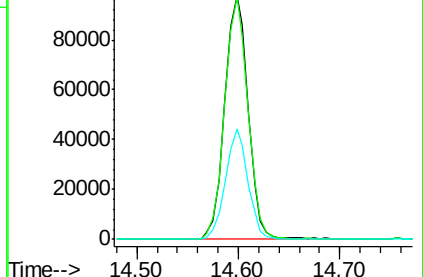
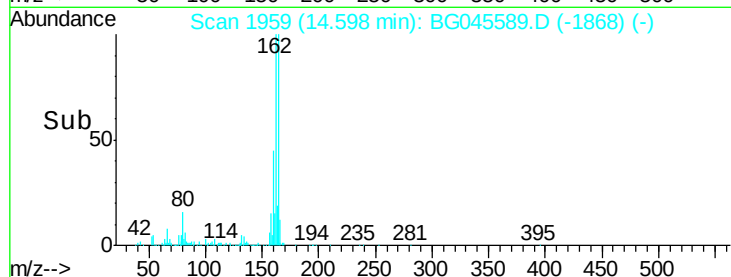
160 45.3 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 14.584 ng

RT: 16.10 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

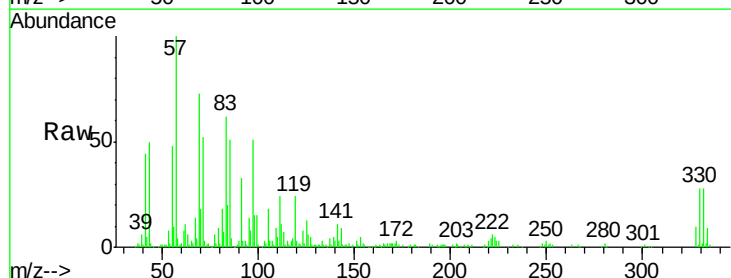
Tgt Ion:330 Resp: 29200

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.4

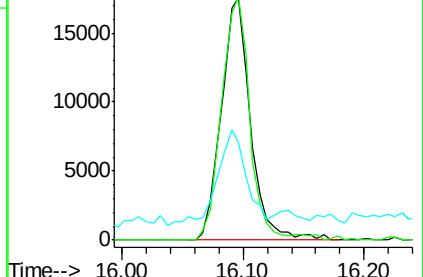
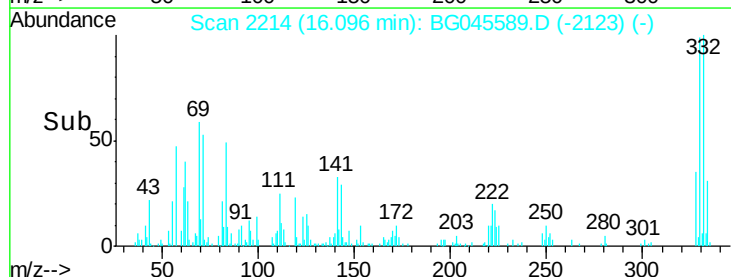
141 35.5 28.2 42.4

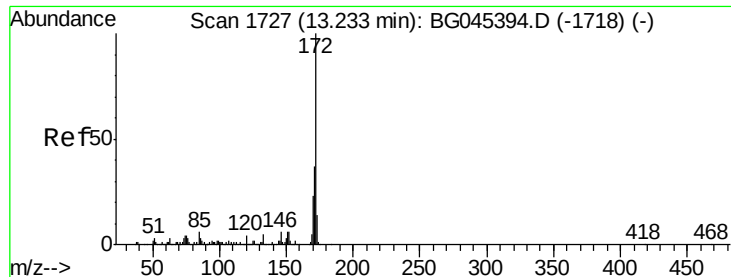


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

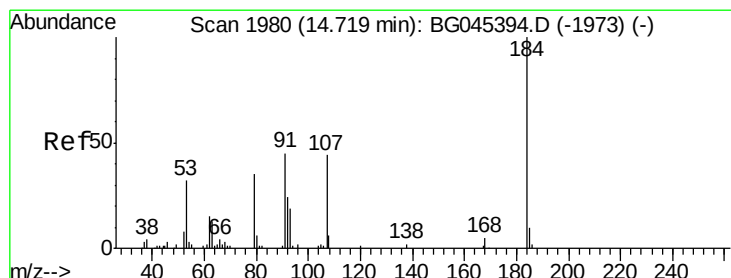
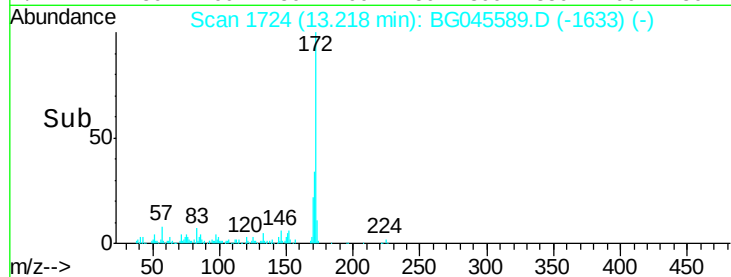
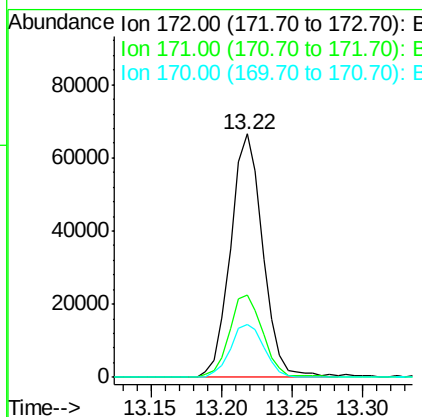
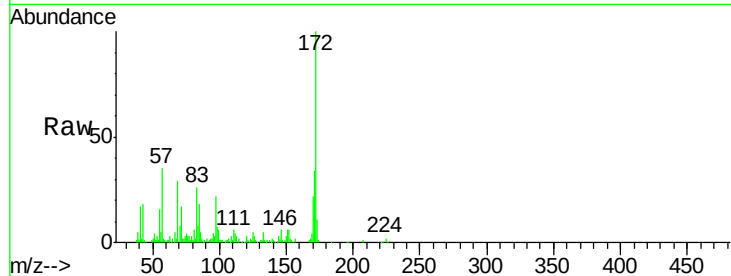




#45
2-Fluorobiphenyl
Concen: 11.485 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045589.D
Acq: 3 Jun 2020 20:21

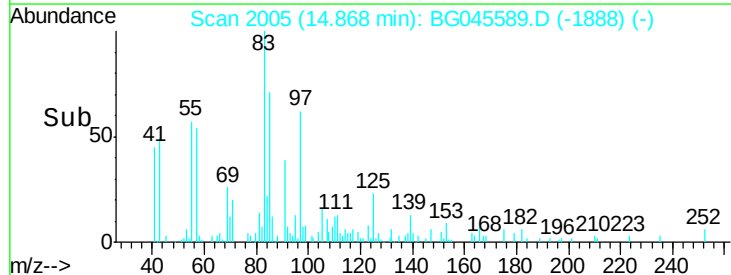
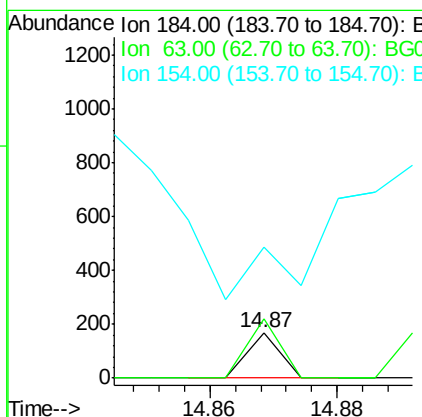
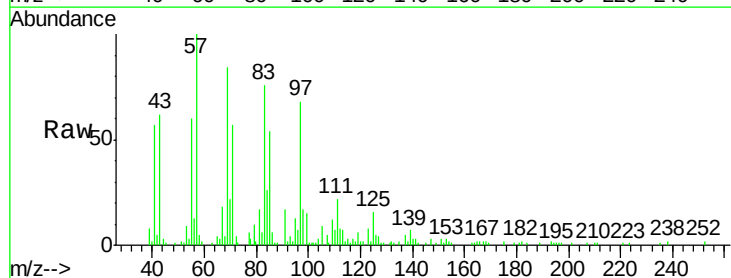
Instrument :
BNA_G
ClientSampleId :

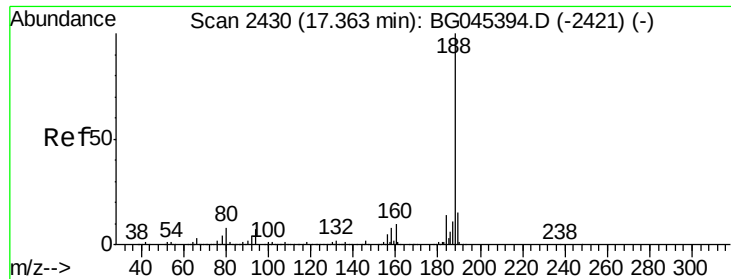
Tot Ion:172 Resp: 106006
Ion Ratio Lower Upper
172 100
171 34.0 29.5 44.3
170 21.7 18.5 27.7



#54
2,4-Dinitrophenol
Concen: 5.494 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.16 min
Lab File: BG045589.D
Acq: 3 Jun 2020 20:21

Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 131.4 47.8 71.6#
154 288.8 58.3 87.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

Instrument :

BNA_G

ClientSampled :

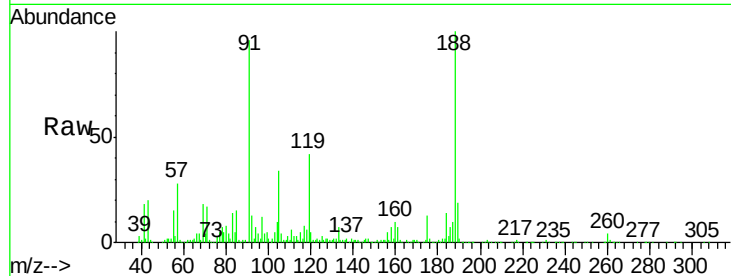
Tot Ion:188 Resp: 340427

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

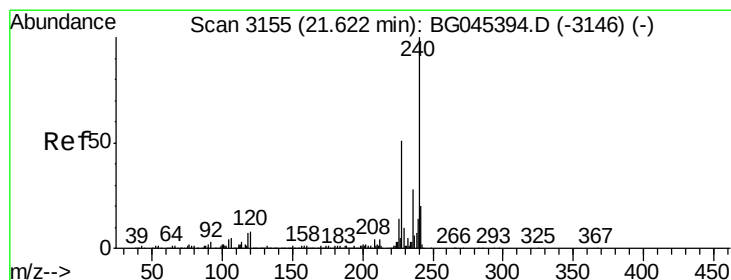
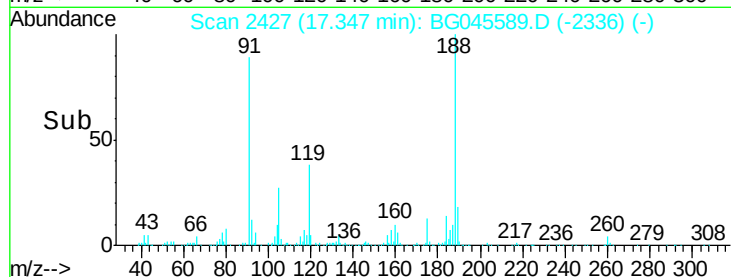
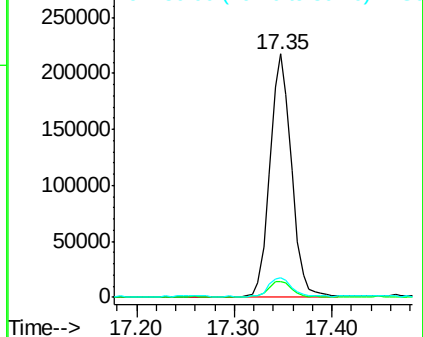
80 8.0 6.6 10.0



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. 0.01 min

Lab File: BG045589.D

Acq: 3 Jun 2020 20:21

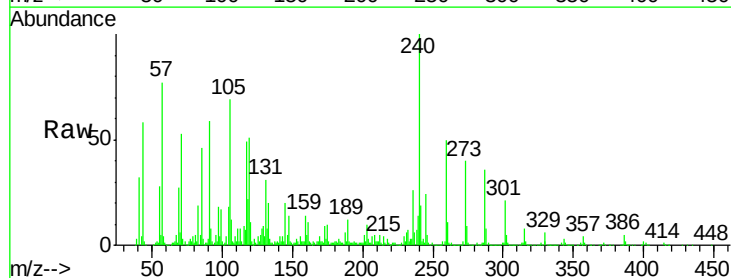
Tgt Ion:240 Resp: 345252

Ion Ratio Lower Upper

240 100

120 11.5 6.1 9.1#

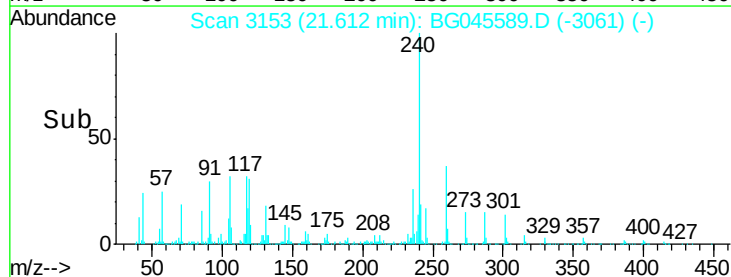
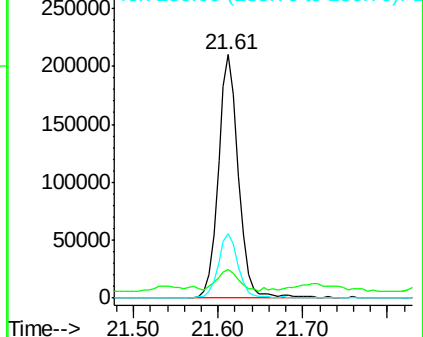
236 26.4 22.3 33.5

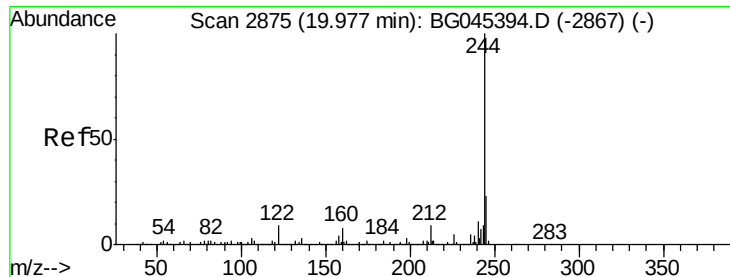


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

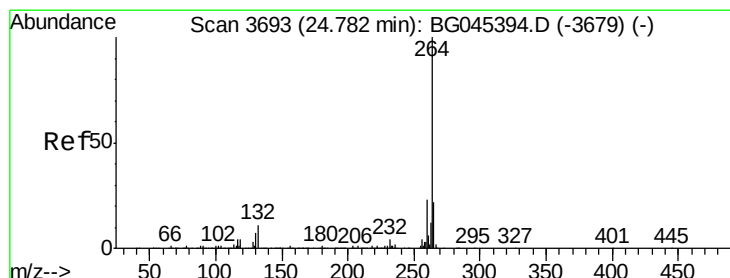
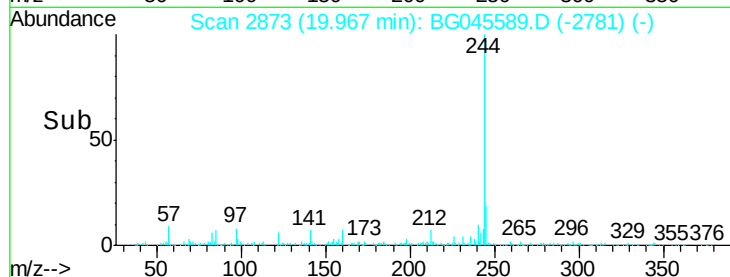
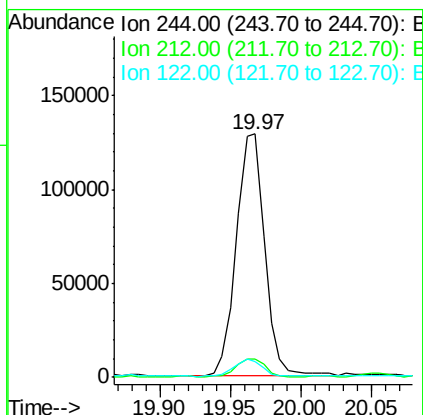
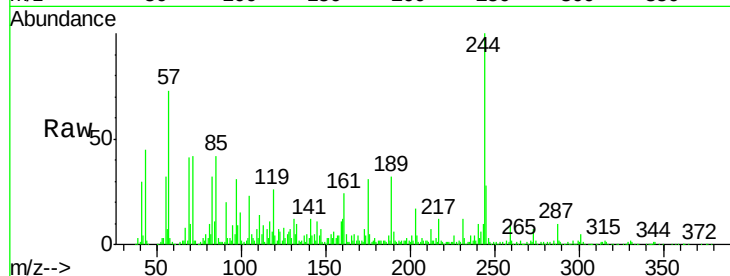




#79
 Terphenyl-d14
 Concen: 12.120 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.01 min
 Lab File: BG045589.D
 Acq: 3 Jun 2020 20:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 179417
 Ion Ratio Lower Upper
 244 100
 212 7.5 7.4 11.0
 122 6.6 6.8 10.2#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.77 min Scan# 3691
 Delta R.T. 0.02 min
 Lab File: BG045589.D
 Acq: 3 Jun 2020 20:21

Tgt Ion:264 Resp: 341414
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.4
 265 21.9 17.6 26.4

