

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045405.D
 Acq On : 15 May 2020 20:35
 Operator : CG/JU
 Sample : L2648-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Quant Time: May 16 00:36:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

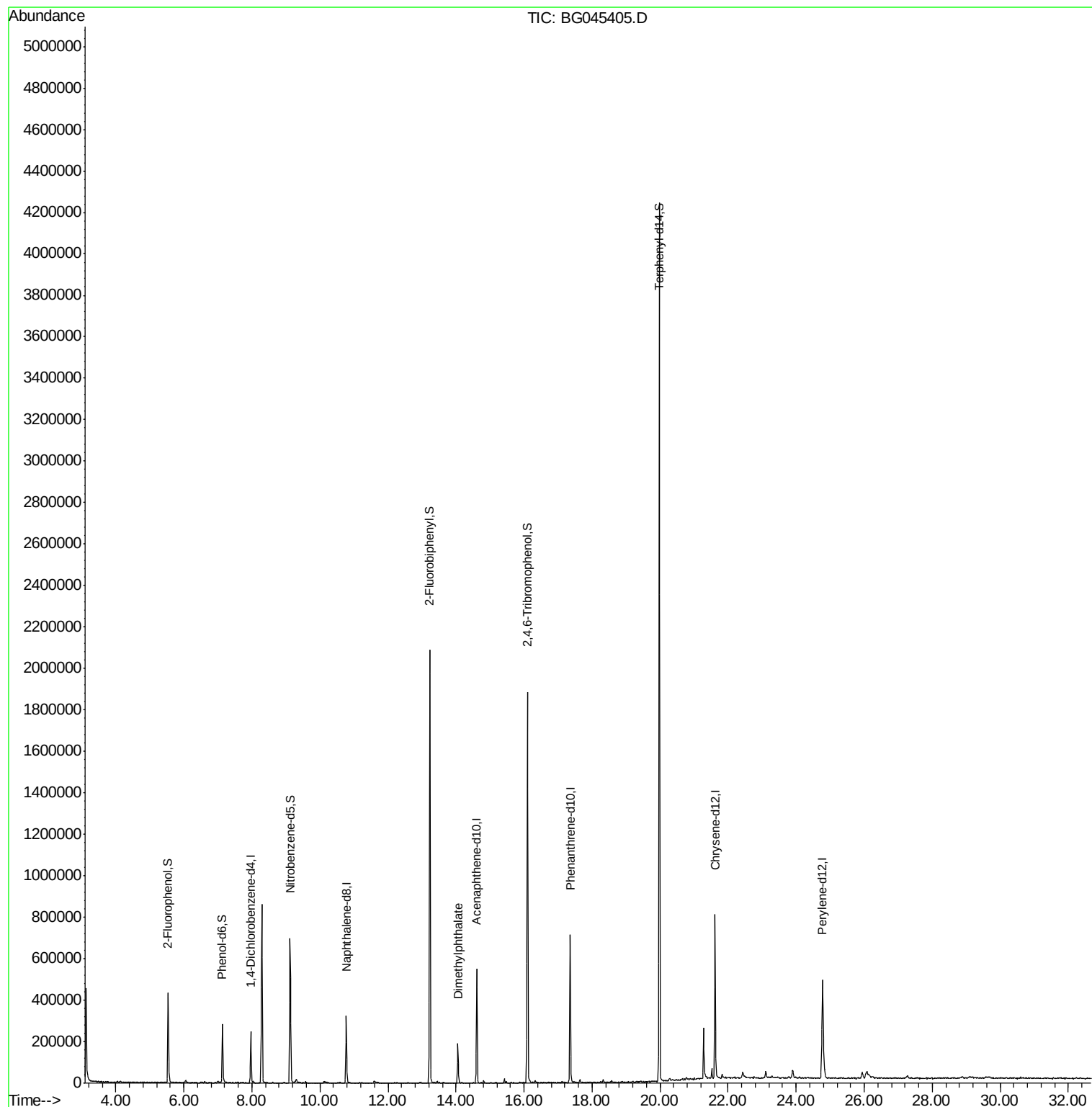
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	74688	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	284569	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	202487	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	468717	20.00	ng	0.00
76) Chrysene-d12	21.62	240	494273	20.00	ng	0.00
87) Perylene-d12	24.78	264	521879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	221714	58.01	ng	0.00
7) Phenol-d6	7.13	99	194107	35.68	ng	0.00
23) Nitrobenzene-d5	9.12	82	495407	94.93	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	377767	145.88	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1143351	95.78	ng	0.00
79) Terphenyl-d14	19.97	244	2112354	99.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	130572	9.400	ng	98

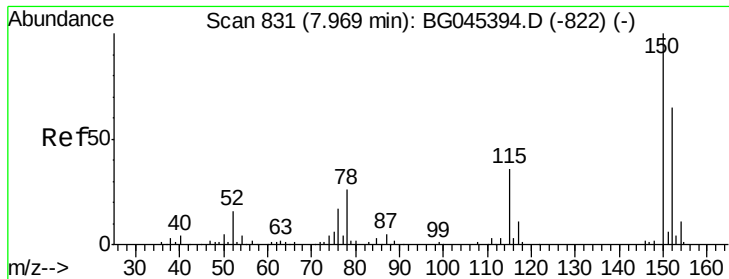
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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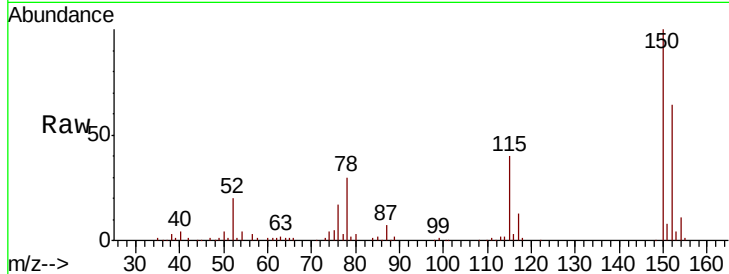


#1

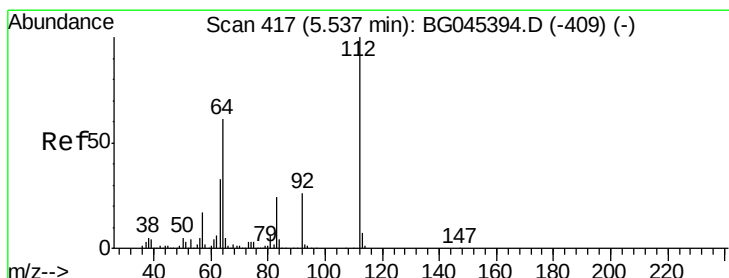
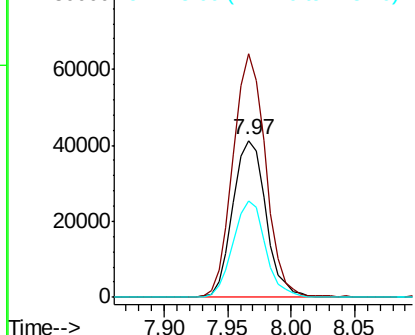
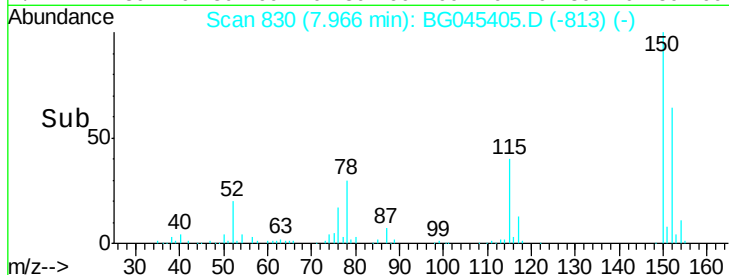
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG045405.D
Acq: 15 May 2020 20:35

Instrument :
BNA_G
ClientSampleId :
TP-B

Tot Ion:152 Resp: 74688
Ion Ratio Lower Upper
152 100
150 155.1 122.4 183.6
115 61.8 44.2 66.4



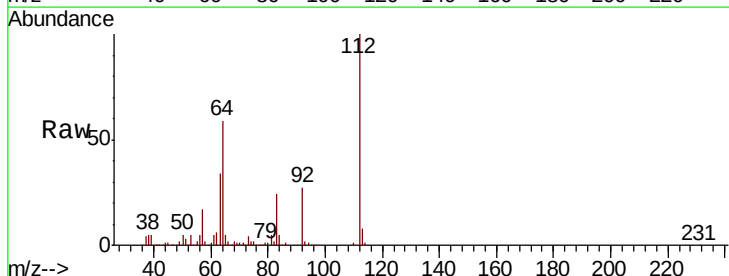
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



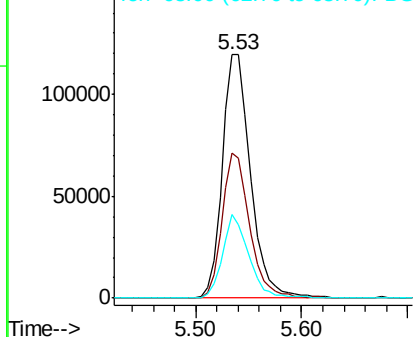
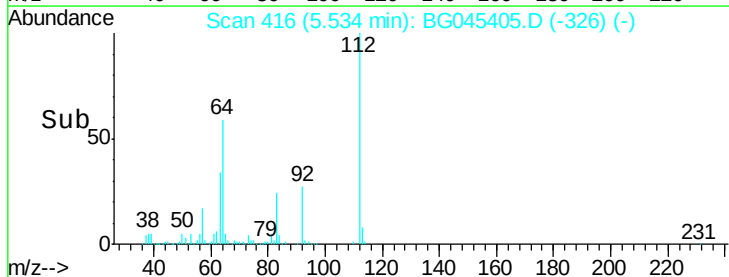
#5

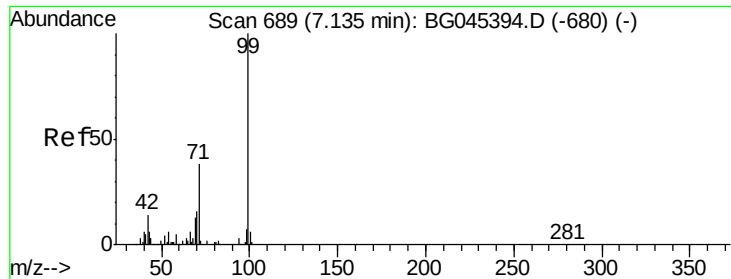
2-Fluorophenol
Concen: 58.014 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045405.D
Acq: 15 May 2020 20:35

Tgt Ion:112 Resp: 221714
Ion Ratio Lower Upper
112 100
64 59.5 48.6 72.8
63 34.2 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: 35.685 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

Instrument :

BNA_G

ClientSampled :

TP-B

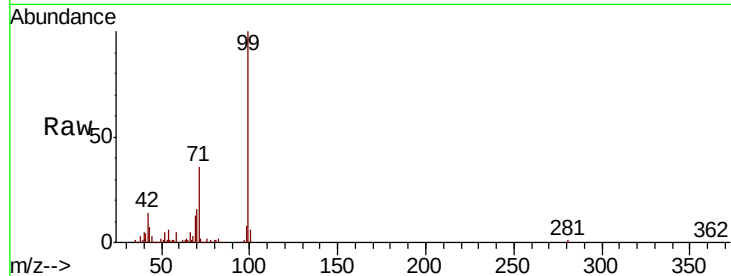
Tot Ion: 99 Resp: 194107

Ion Ratio Lower Upper

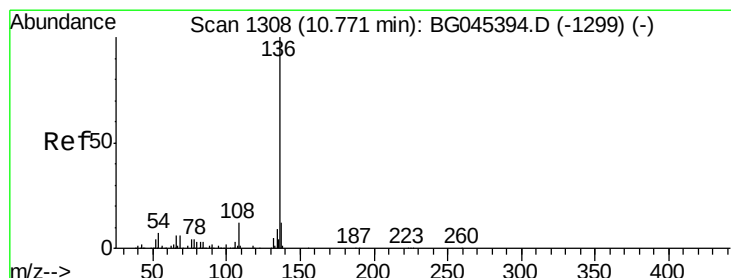
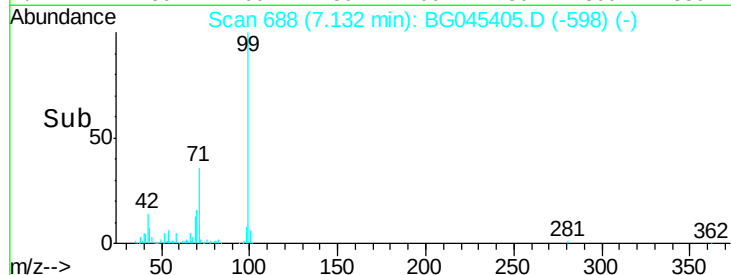
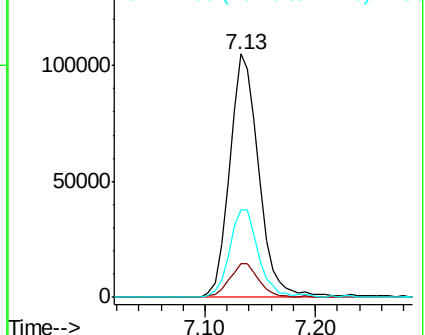
99 100

42 13.7 11.3 16.9

71 36.0 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: 10.77 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

Tgt Ion: 136 Resp: 284569

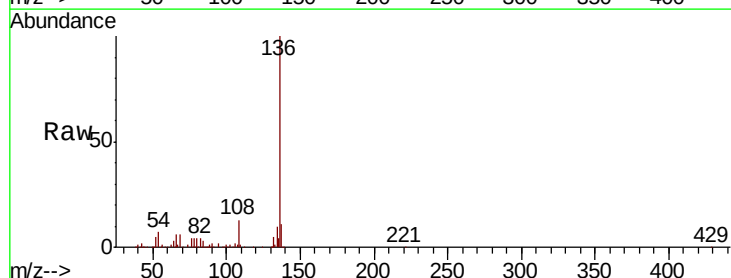
Ion Ratio Lower Upper

136 100

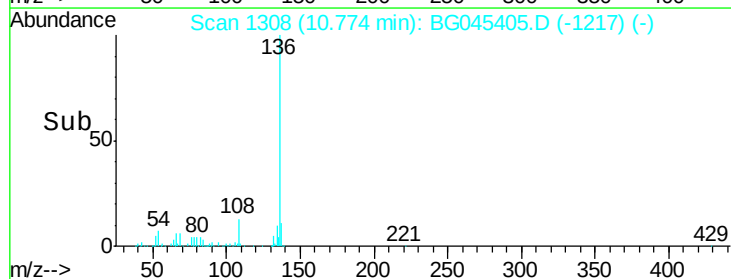
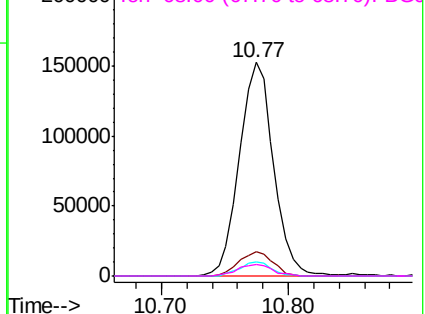
137 11.2 9.4 14.2

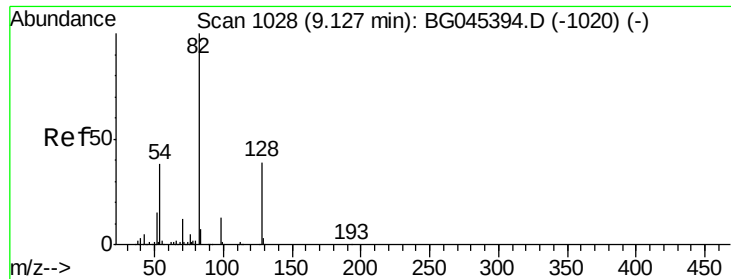
54 6.9 5.8 8.6

68 5.7 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

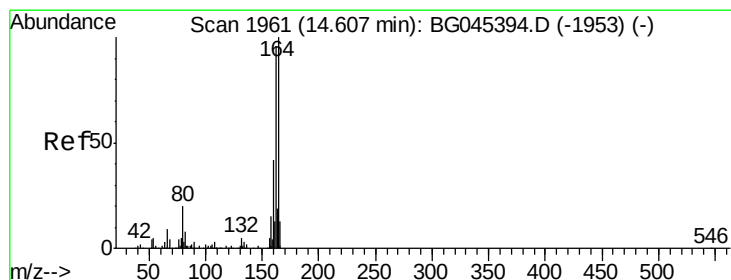
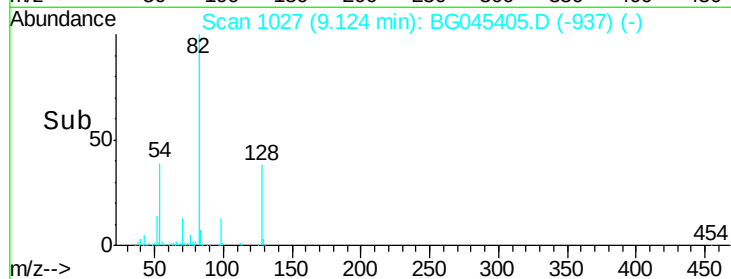
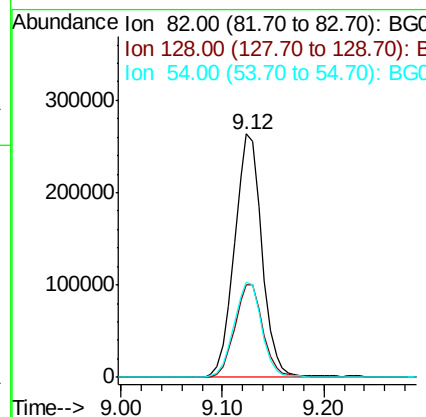
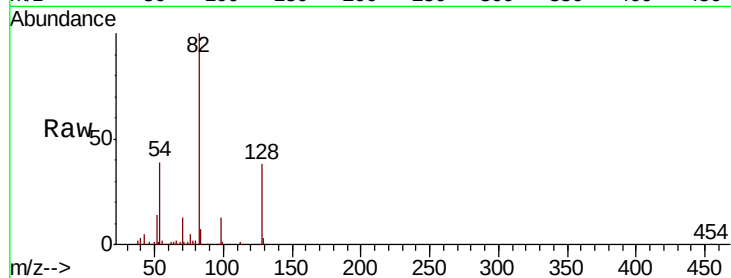




#23
 Nitrobenzene-d5
 Concen: 94.934 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045405.D
 Acq: 15 May 2020 20:35

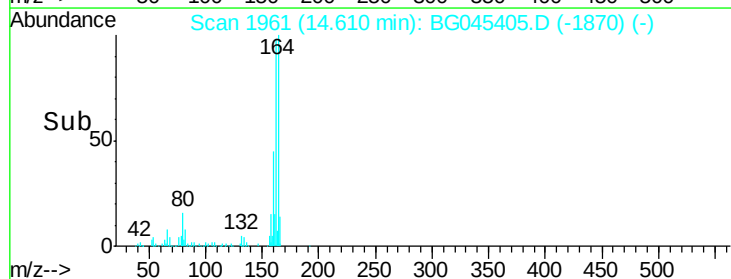
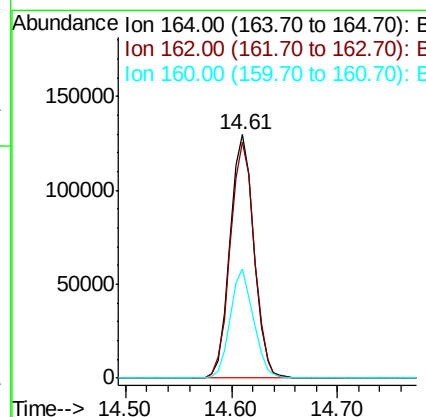
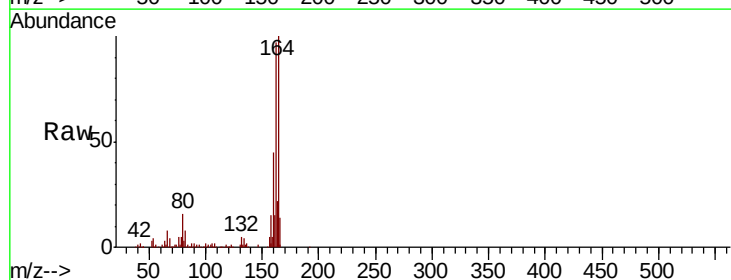
Instrument :
 BNA_G
 ClientSampleId :
 TP-B

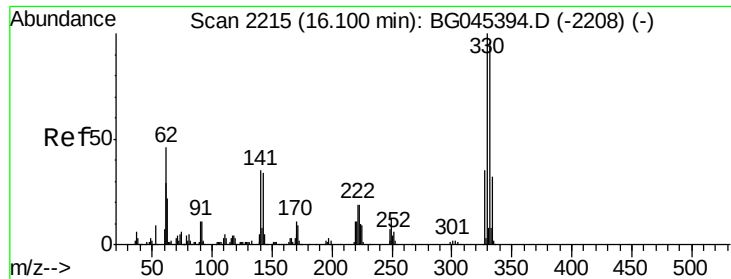
Tot Ion	82	Resp	495407
Ion Ratio	Lower	Upper	
82	100		
128	37.8	30.9	46.3
54	39.1	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG045405.D
 Acq: 15 May 2020 20:35

Tgt Ion	164	Resp	202487
Ion Ratio	Lower	Upper	
164	100		
162	96.8	76.9	115.3
160	44.7	33.8	50.8

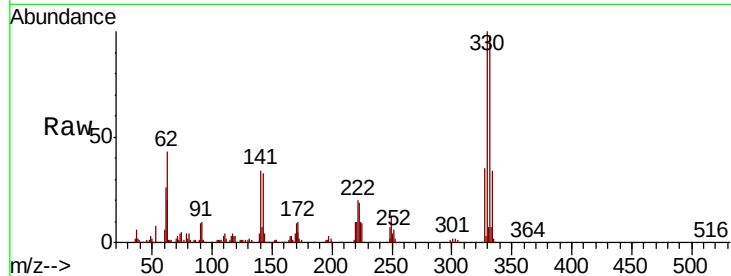




#42
 2,4,6-Tribromophenol
 Concen: 145.880 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045405.D
 Acq: 15 May 2020 20:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.2	117.4
141	35.6	28.2	42.4

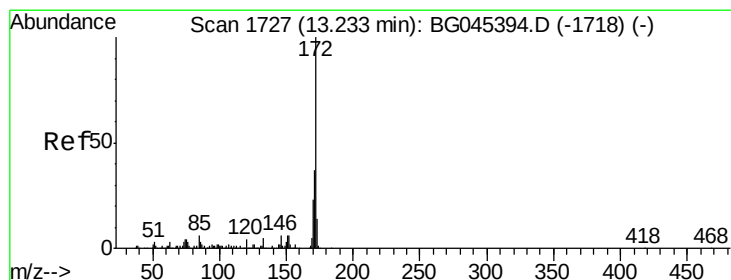
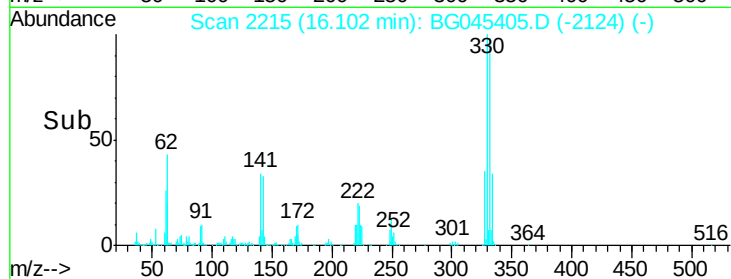
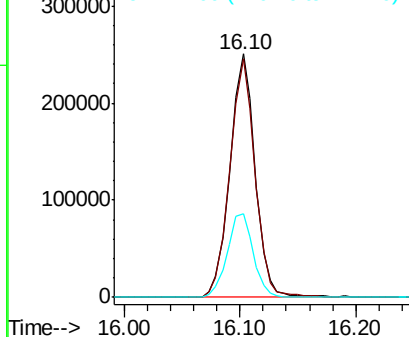


Abundance

Ion 329.80 (329.50 to 330.50): E

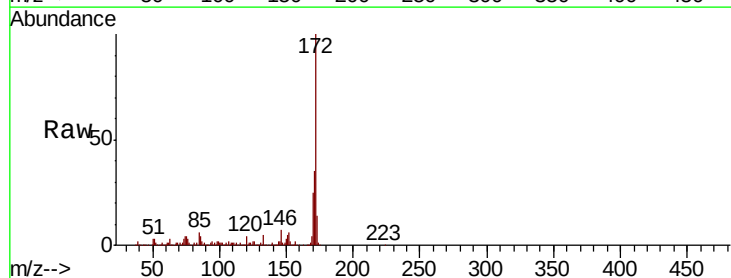
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.777 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045405.D
 Acq: 15 May 2020 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.5	44.3
170	24.5	18.5	27.7

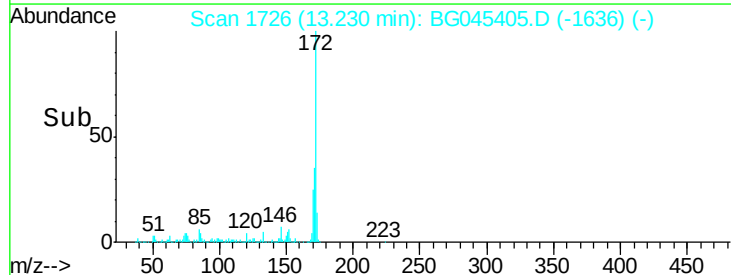
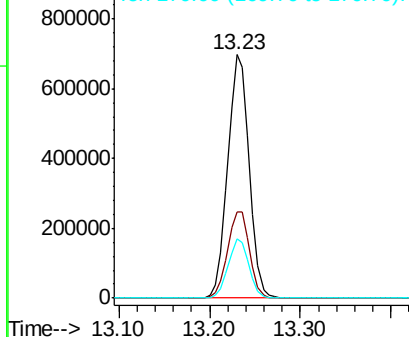


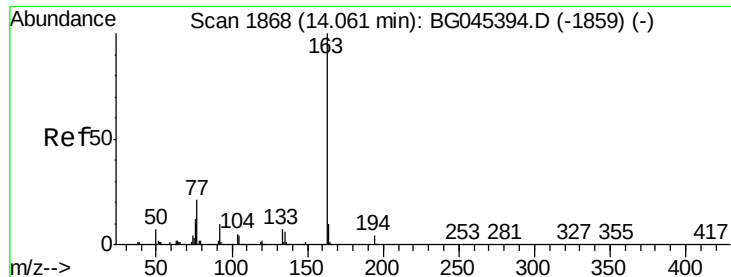
Abundance

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: 9.400 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

Instrument :

BNA_G

ClientSampleId :

TP-B

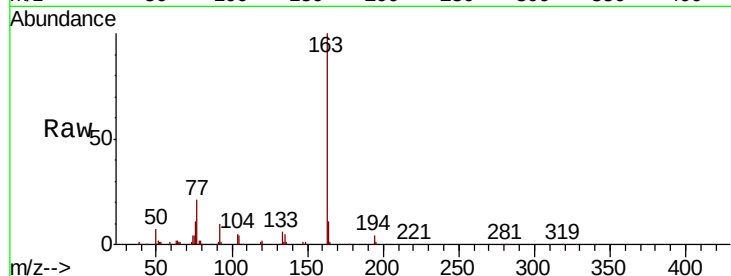
Tot Ion:163 Resp: 130572

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

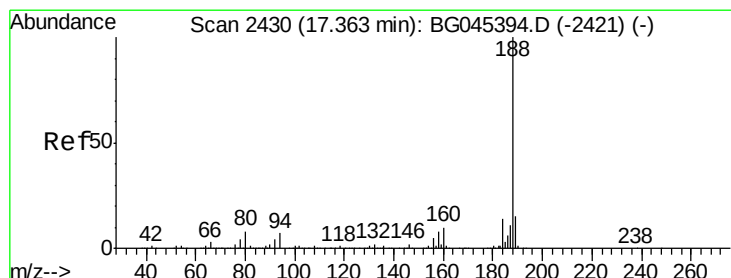
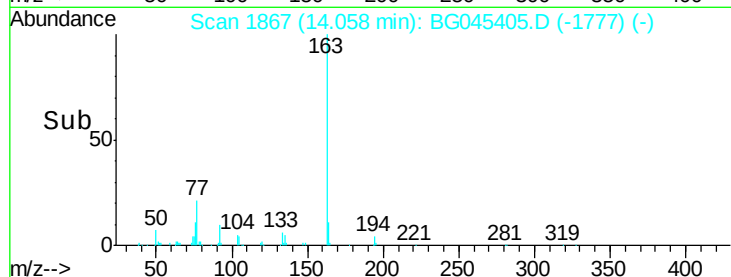
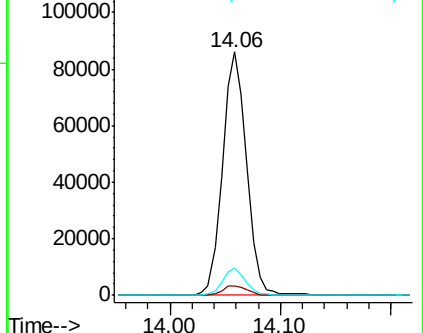
164 11.1 8.3 12.5



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: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

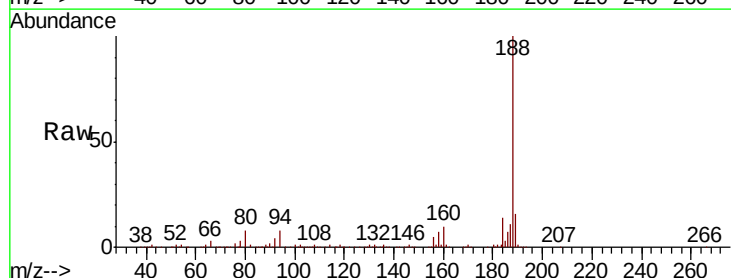
Tgt Ion:188 Resp: 468717

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

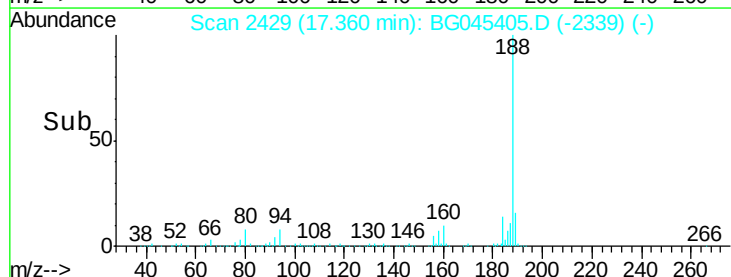
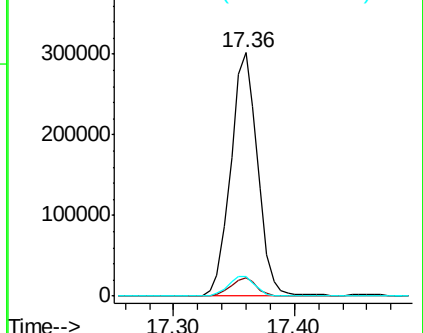
80 8.1 6.6 10.0

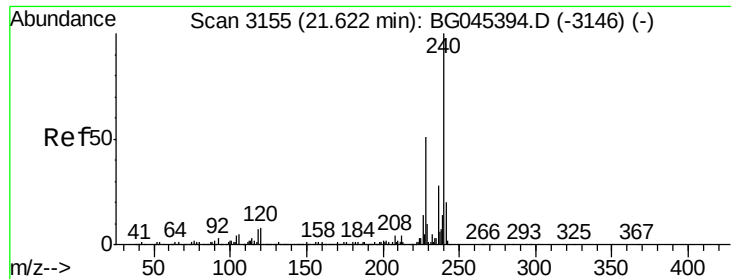


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

Instrument :

BNA_G

ClientSampleId :

TP-B

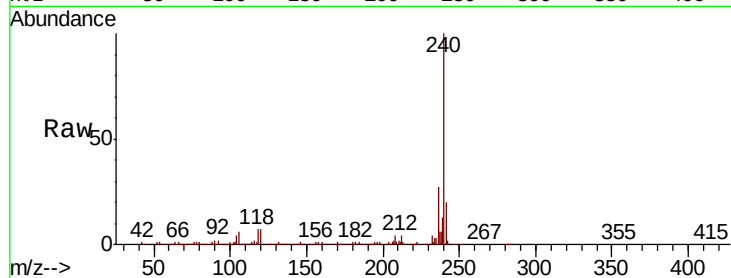
Tot Ion:240 Resp: 494273

Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

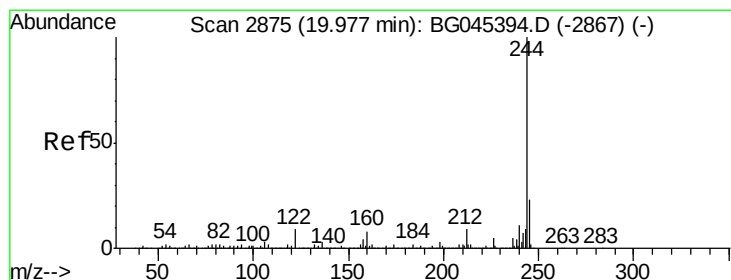
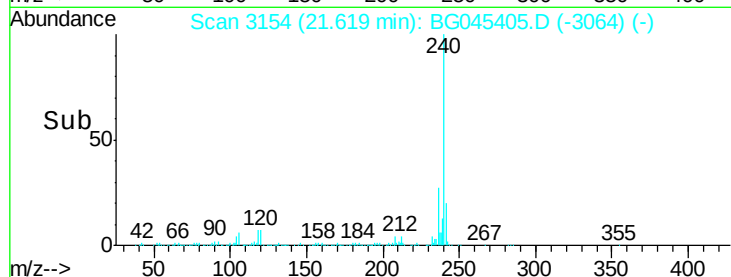
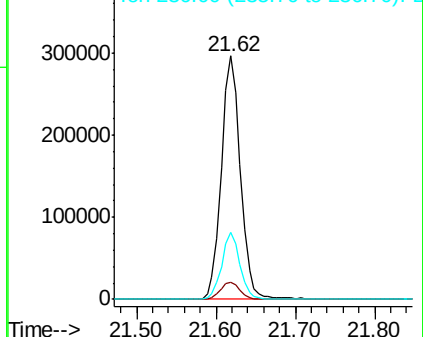
236 27.4 22.3 33.5



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: 99.674 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

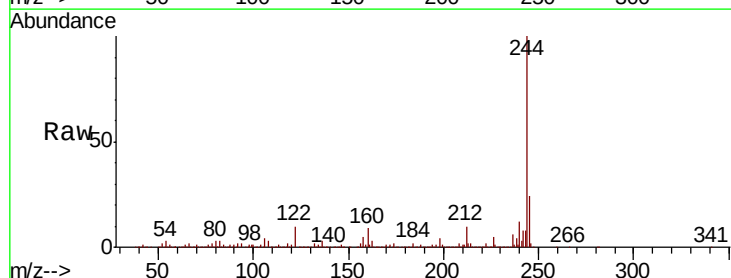
Tgt Ion:244 Resp: 2112354

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.0

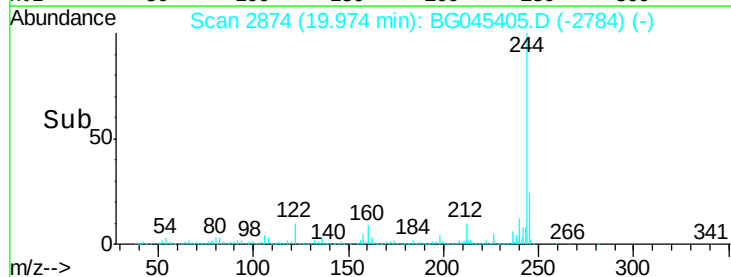
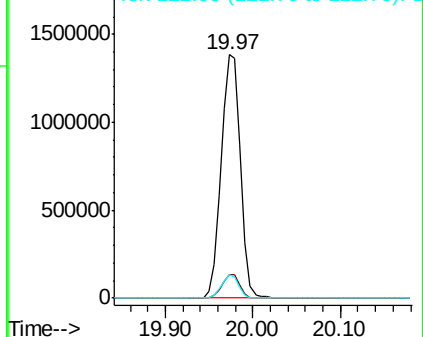
122 9.6 6.8 10.2

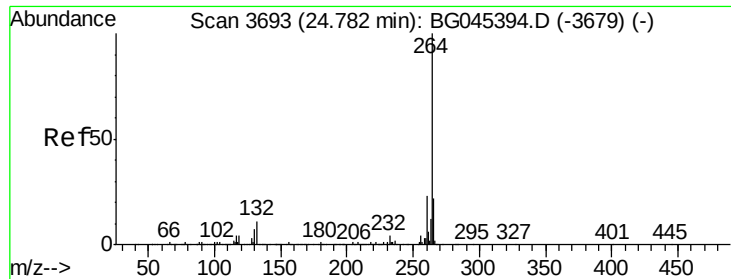


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG045405.D
Acq: 15 May 2020 20:35

Instrument :
BNA_G
ClientSampleId :
TP-B

Tot Ion:	264	Resp:	521879
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.3	17.6	26.4

