

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045339.D
 Acq On : 12 May 2020 21:45
 Operator : CG/JU
 Sample : L2571-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FUEL-LANE

Quant Time: May 13 01:51:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

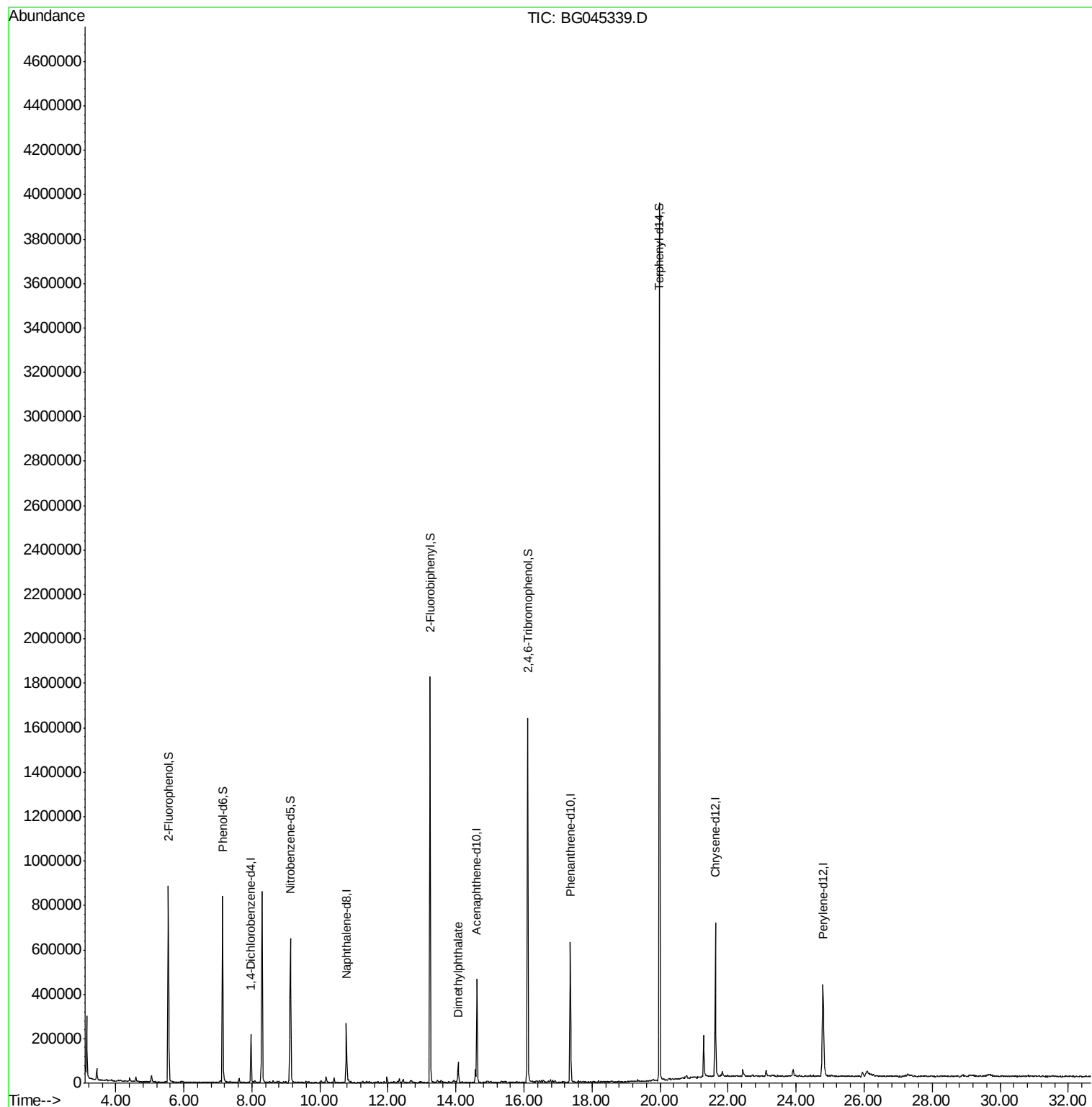
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	61473	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	237050	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	172347	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	426249	20.00	ng	0.00
76) Chrysene-d12	21.62	240	441561	20.00	ng	0.00
87) Perylene-d12	24.79	264	472608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	431308	115.83	ng	0.00
7) Phenol-d6	7.14	99	547498	98.97	ng	0.00
23) Nitrobenzene-d5	9.13	82	443093	85.29	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	352154	132.26	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1006274	85.61	ng	0.00
79) Terphenyl-d14	19.98	244	1920128	94.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	64023	4.562	ng	Qvalue # 98

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

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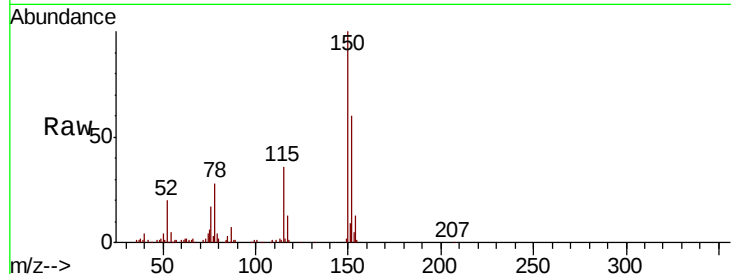


#1

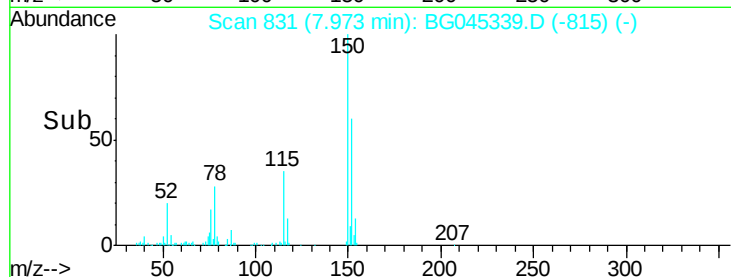
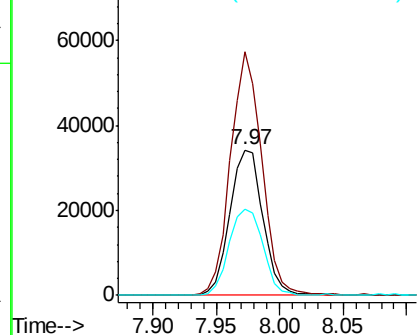
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BG045339.D
 Acq: 12 May 2020 21:45

Instrument :
 BNA_G
 ClientSampleId :
 FUEL-LANE

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.6	123.6	185.4
115	59.6	49.1	73.7



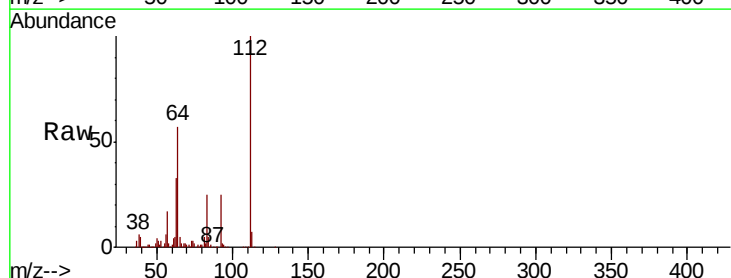
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



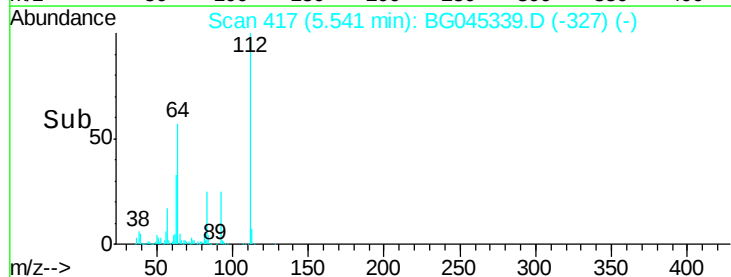
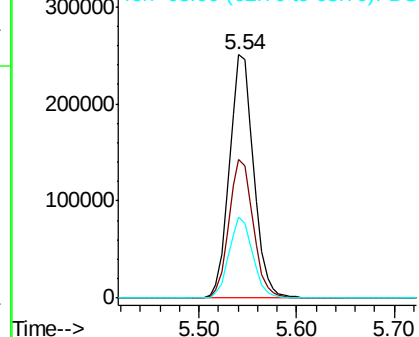
#5

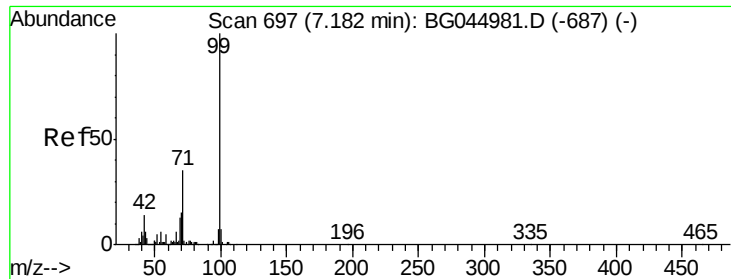
2-Fluorophenol
 Concen: 115.834 ng
 RT: 5.54 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BG045339.D
 Acq: 12 May 2020 21:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	42.4	63.6
63	33.3	23.1	34.7



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: 98.966 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045339.D

Acq: 12 May 2020 21:45

Instrument :

BNA_G

ClientSampleId :

FUEL-LANE

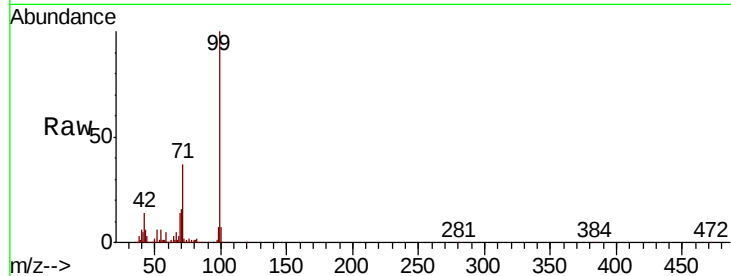
Tot Ion: 99 Resp: 547498

Ion Ratio Lower Upper

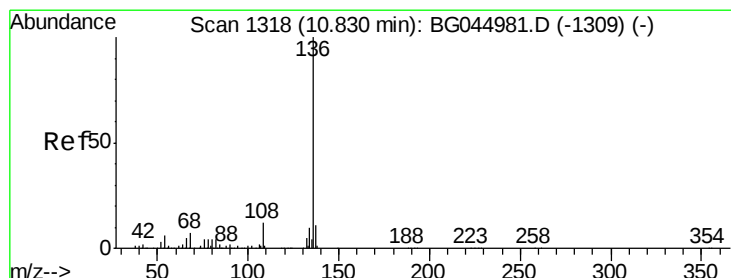
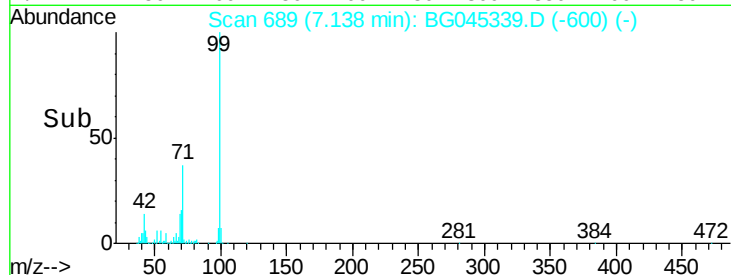
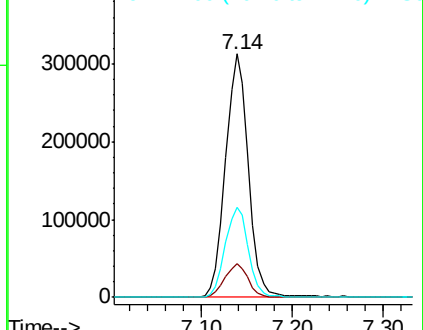
99 100

42 13.6 11.3 16.9

71 36.9 28.3 42.5



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: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045339.D

Acq: 12 May 2020 21:45

Tgt Ion: 136 Resp: 237050

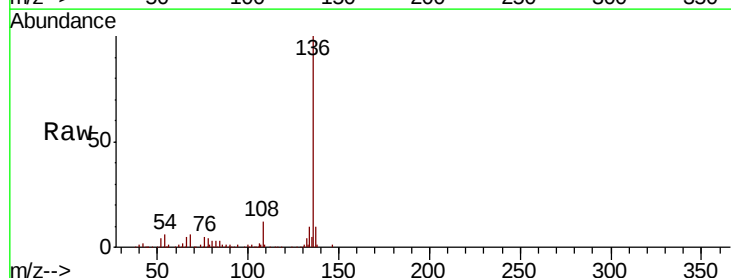
Ion Ratio Lower Upper

136 100

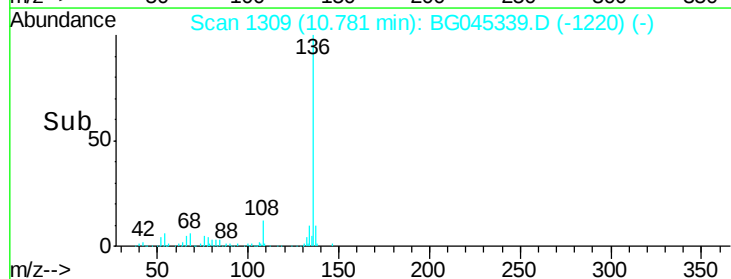
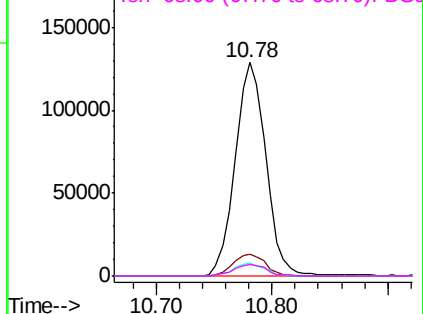
137 10.2 8.6 13.0

54 6.1 4.8 7.2

68 5.7 5.2 7.8



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

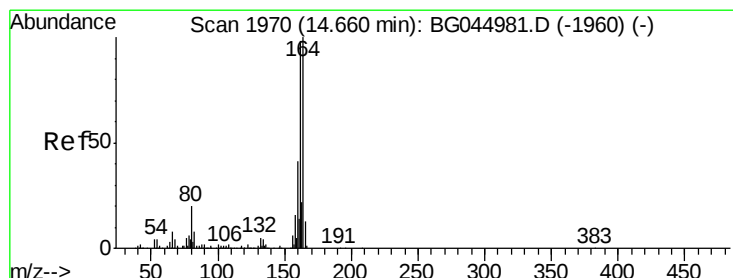
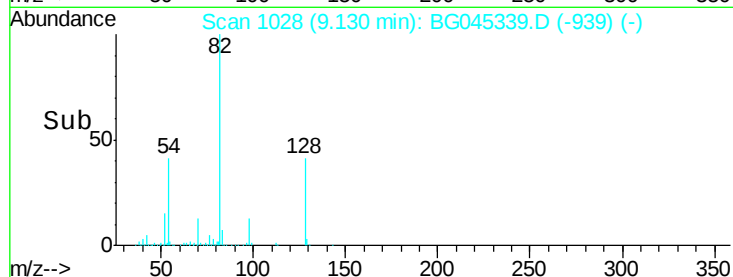
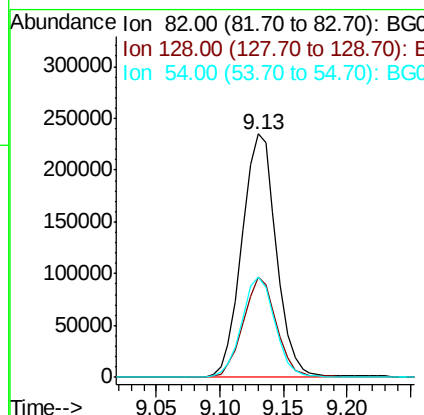
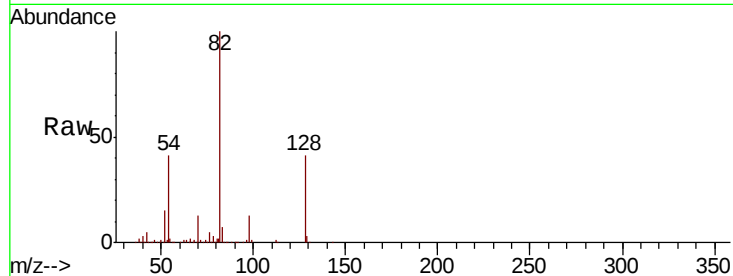




#23
Nitrobenzene-d5
Concen: 85.289 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG045339.D
Acq: 12 May 2020 21:45

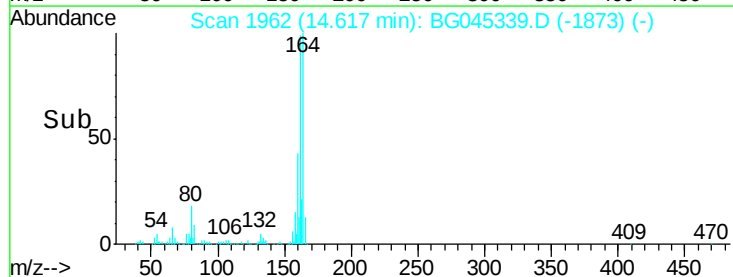
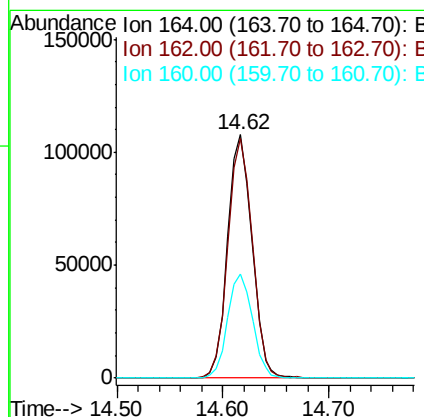
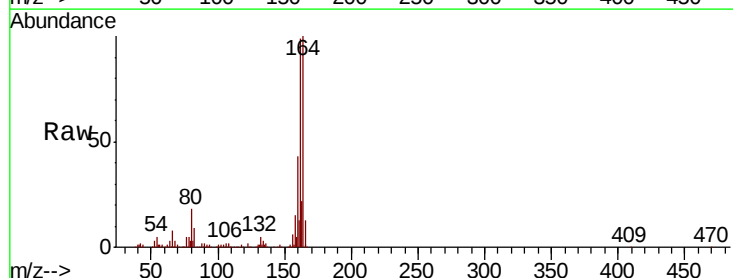
Instrument :
BNA_G
ClientSampleId :
FUEL-LANE

Tot Ion	82.00	Resp	443093
Ion Ratio	Lower	Upper	
82	100		
128	41.1	33.0	49.4
54	41.1	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG045339.D
Acq: 12 May 2020 21:45

Tgt Ion	164.00	Resp	172347
Ion Ratio	Lower	Upper	
164	100		
162	98.6	78.7	118.1
160	42.7	32.8	49.2

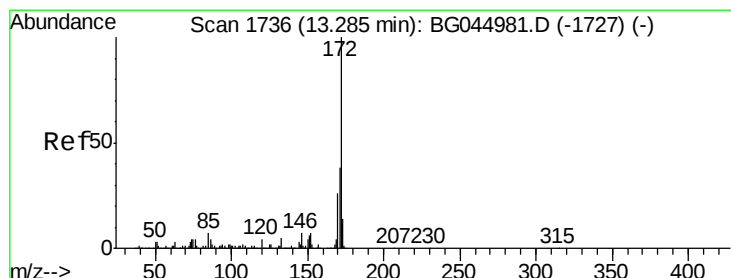
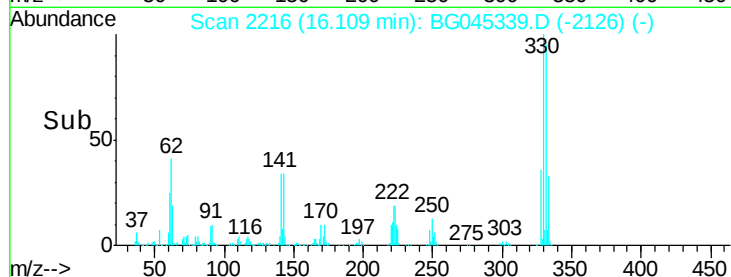
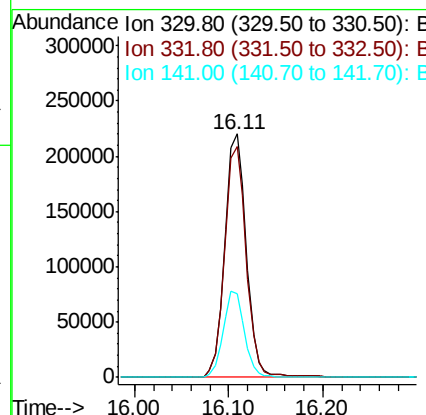
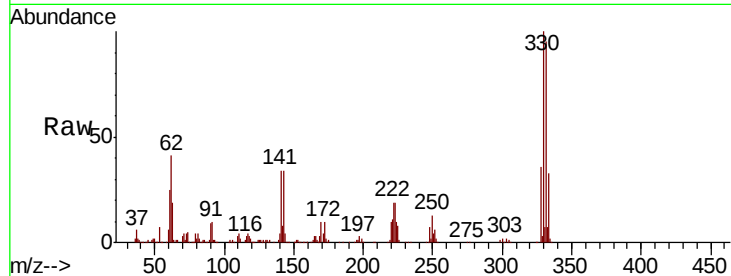




#42
 2,4,6-Tribromophenol
 Concen: 132.263 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BG045339.D
 Acq: 12 May 2020 21:45

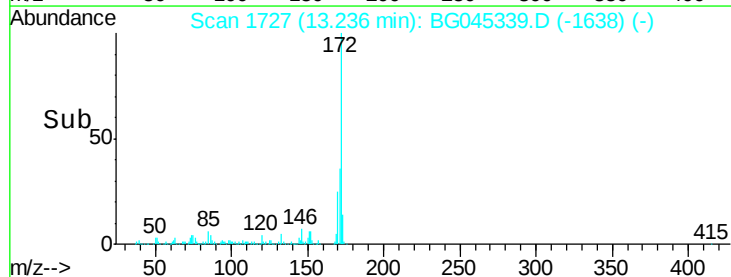
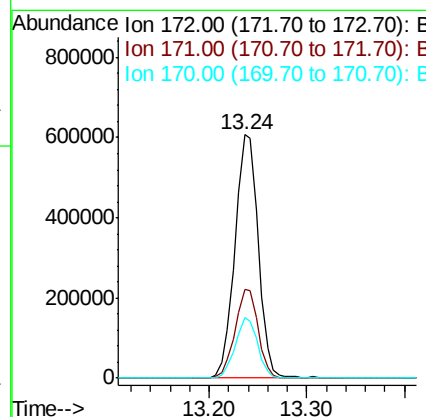
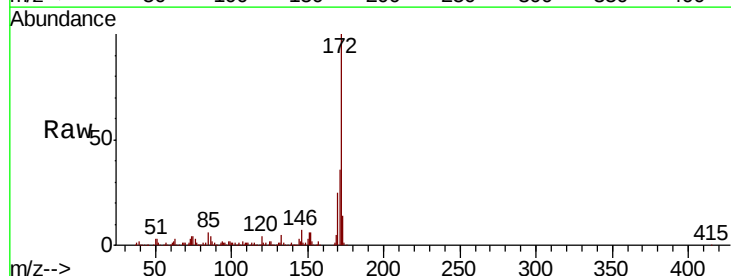
Instrument :
 BNA_G
 ClientSampleId :
 FUEL-LANE

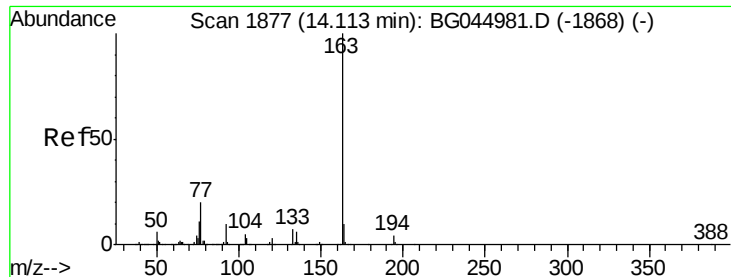
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	79.1	118.7
141	35.0	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 85.613 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG045339.D
 Acq: 12 May 2020 21:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	46.0
170	24.9	20.5	30.7





#50

Dimethylphthalate

Concen: 4.562 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG045339.D

Acq: 12 May 2020 21:45

Instrument :

BNA_G

ClientSampleId :

FUEL-LANE

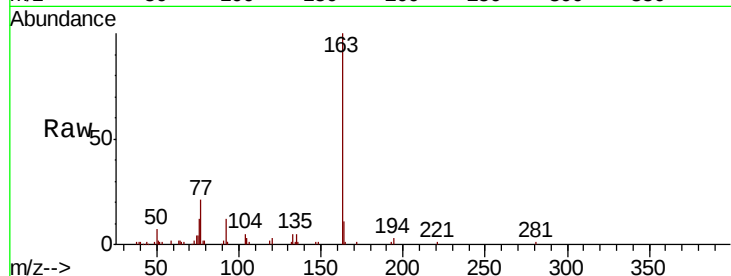
Tot Ion:163 Resp: 64023

Ion Ratio Lower Upper

163 100

194 3.5 3.5 5.3#

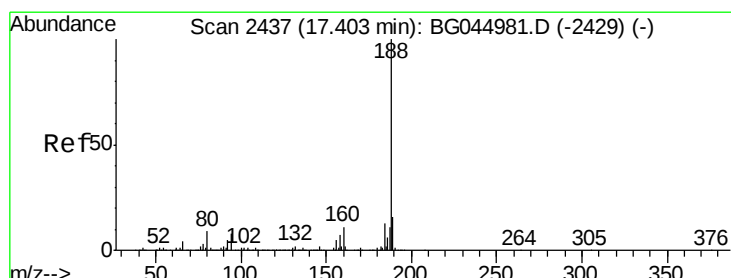
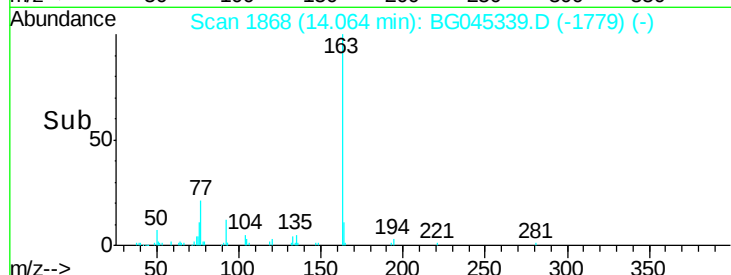
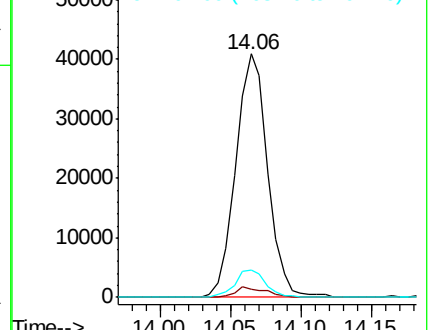
164 11.1 8.2 12.4



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: 17.37 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG045339.D

Acq: 12 May 2020 21:45

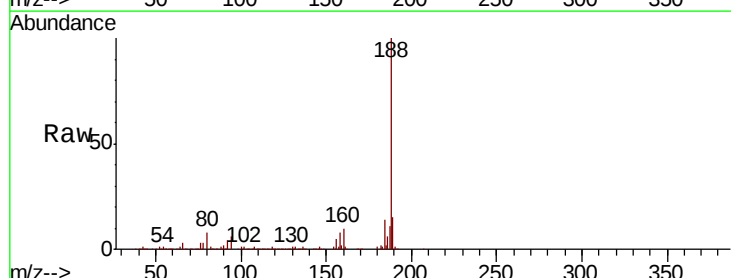
Tgt Ion:188 Resp: 426249

Ion Ratio Lower Upper

188 100

94 6.5 6.2 9.4

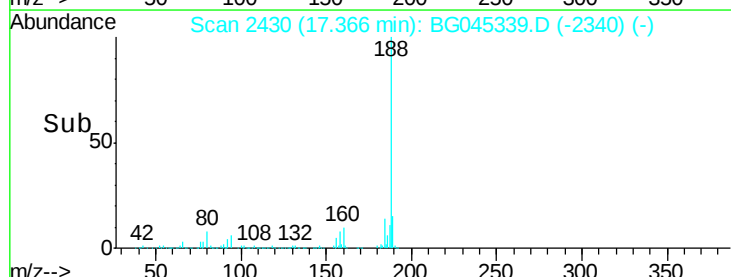
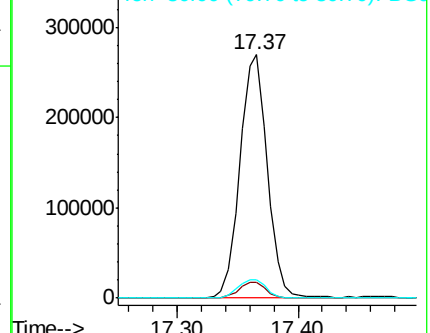
80 7.7 7.0 10.6



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

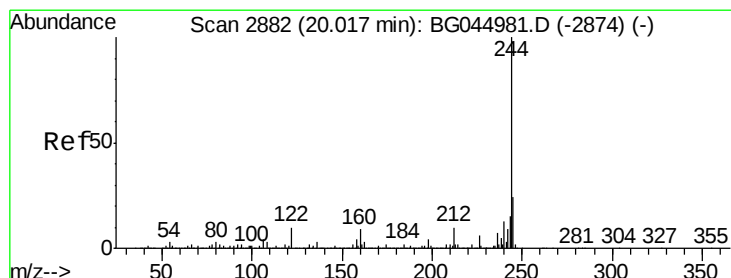
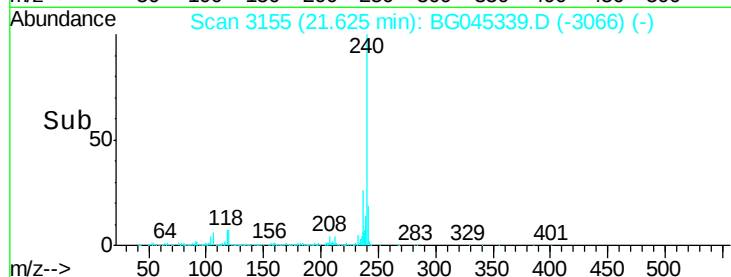
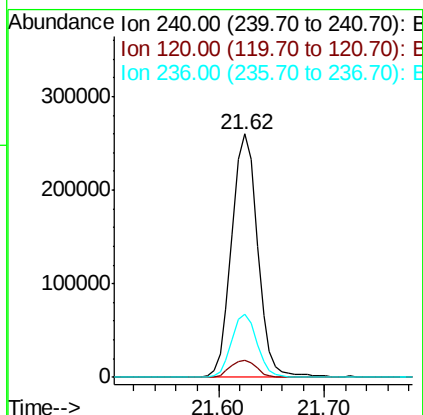
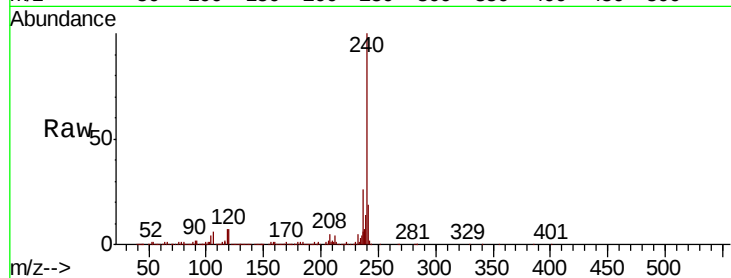




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG045339.D
 Acq: 12 May 2020 21:45

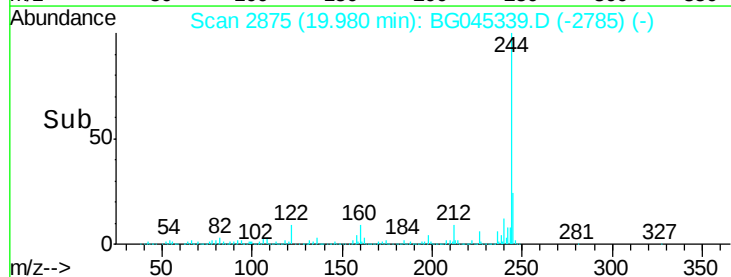
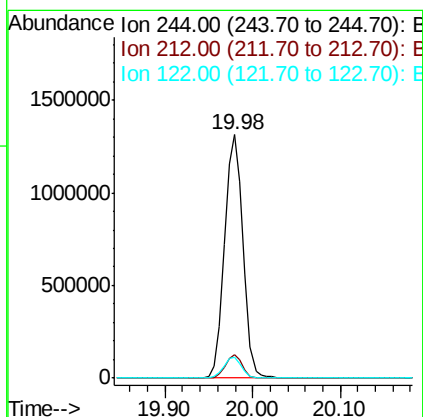
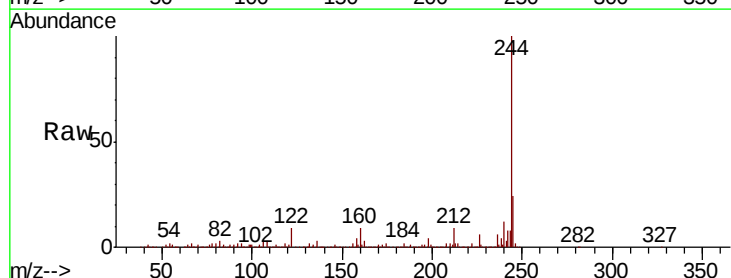
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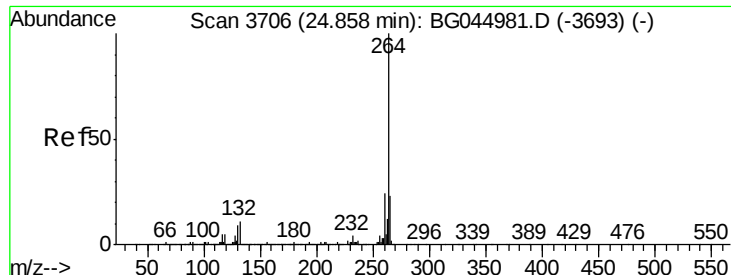
Tot Ion:240 Resp: 441561
 Ion Ratio Lower Upper
 240 100
 120 7.0 6.6 10.0
 236 25.7 22.2 33.2



#79
 Terphenyl-d14
 Concen: 94.778 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. 0.00 min
 Lab File: BG045339.D
 Acq: 12 May 2020 21:45

Tgt Ion:244 Resp: 1920128
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.9 11.9
 122 8.7 7.7 11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG045339.D
Acq: 12 May 2020 21:45

Instrument :
BNA_G
ClientSampleId :
FUEL-LANE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	19.0	28.4

