

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043910.D
 Acq On : 4 Jan 2020 7:01
 Operator : JU
 Sample : PB125879TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125879TB

Quant Time: Jan 06 04:41:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	128068	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	544859	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	369325	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	819161	20.00	ng	0.00
76) Chrysene-d12	21.59	240	710393	20.00	ng	0.00
87) Perylene-d12	24.72	264	790761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1002567	143.74	ng	0.00
7) Phenol-d6	7.13	99	1320085	135.40	ng	0.00
23) Nitrobenzene-d5	9.12	82	940210	92.31	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	550513	142.44	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2010696	98.64	ng	0.00
79) Terphenyl-d14	19.95	244	2756342	97.01	ng	0.00

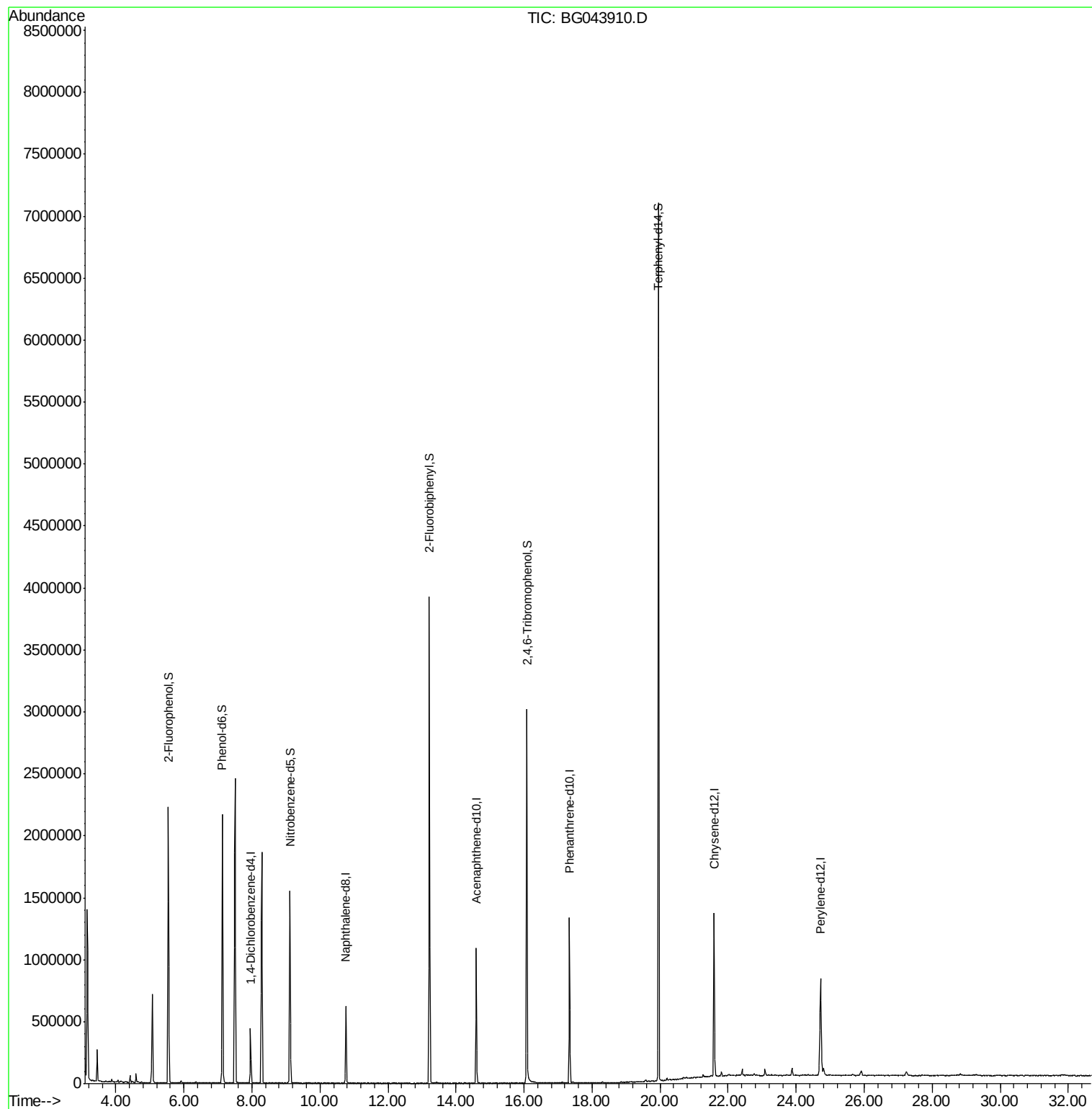
Target Compounds Qvalue

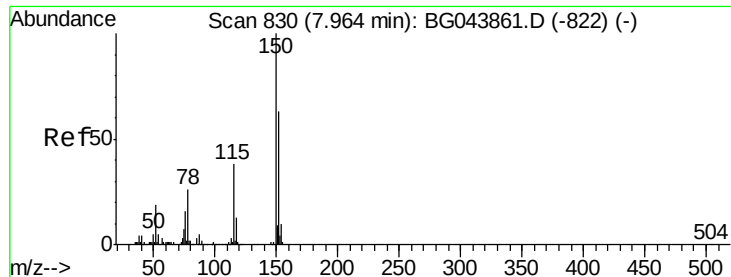
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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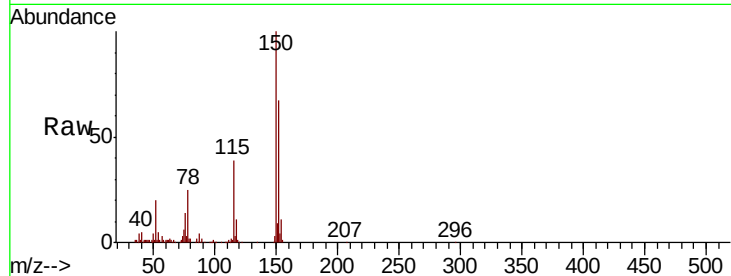


#1

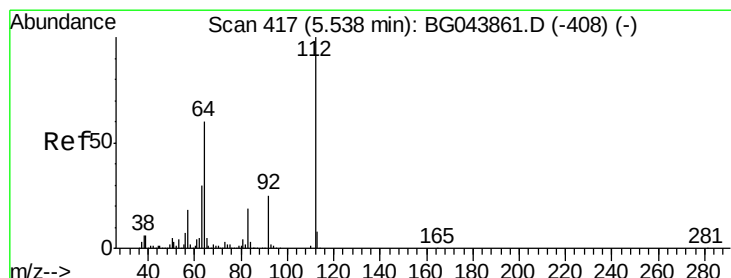
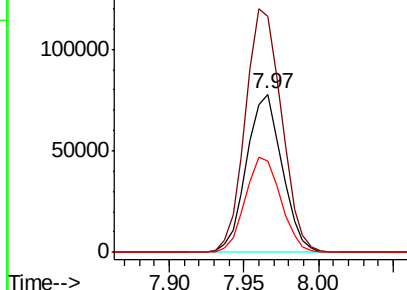
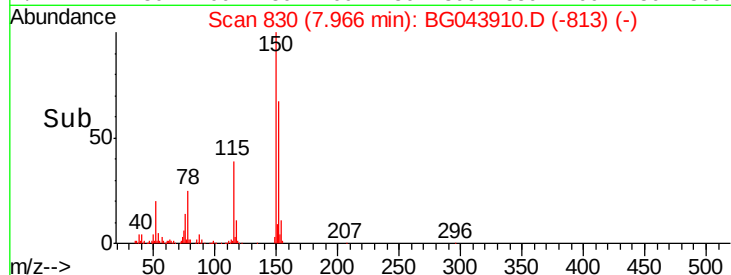
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043910.D
Acq: 4 Jan 2020 7:01

Instrument :
BNA_G
ClientSampleId :
PB125879TB

Tot Ion:152 Resp: 128068
Ion Ratio Lower Upper
152 100
150 149.1 127.0 190.4
115 57.5 47.8 71.8



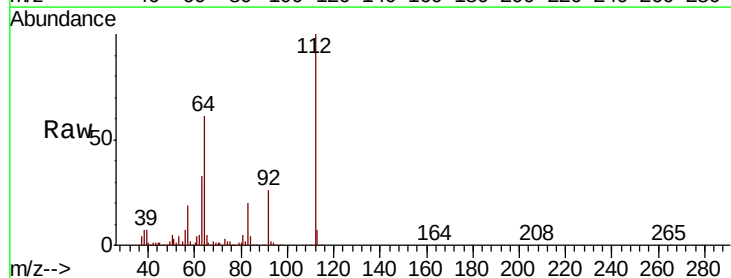
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



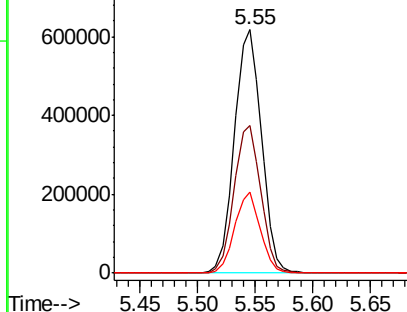
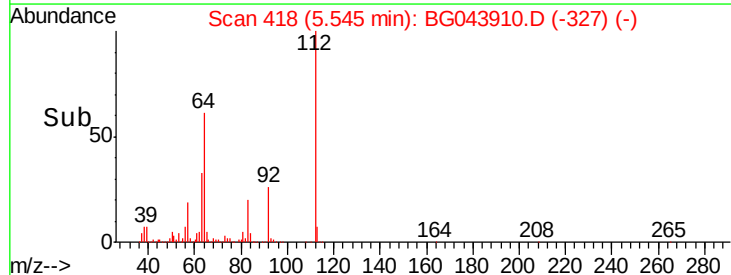
#5

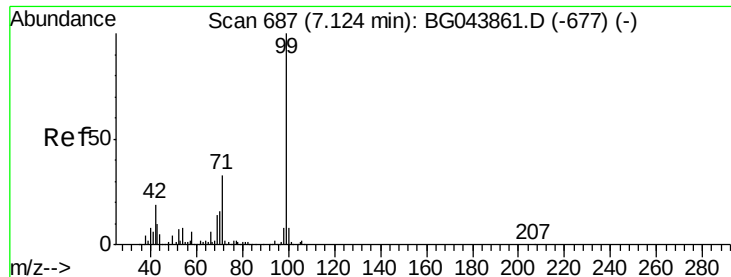
2-Fluorophenol
Concen: 143.739 ng
RT: 5.55 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG043910.D
Acq: 4 Jan 2020 7:01

Tgt Ion:112 Resp: 1002567
Ion Ratio Lower Upper
112 100
64 60.8 47.8 71.6
63 33.1 24.3 36.5



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: 135.398 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043910.D

Acq: 4 Jan 2020 7:01

Instrument :

BNA_G

ClientSampleId :

PB125879TB

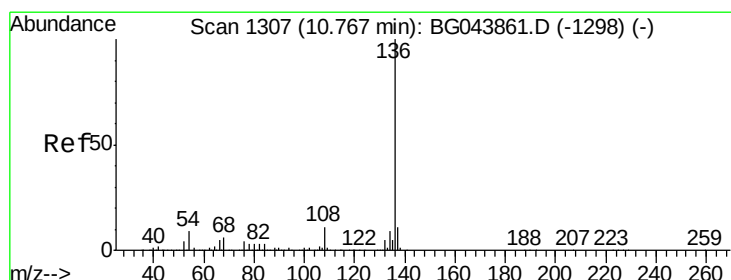
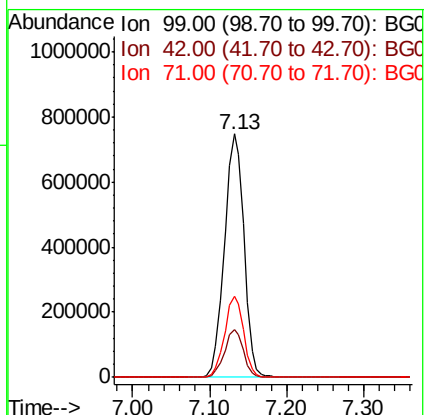
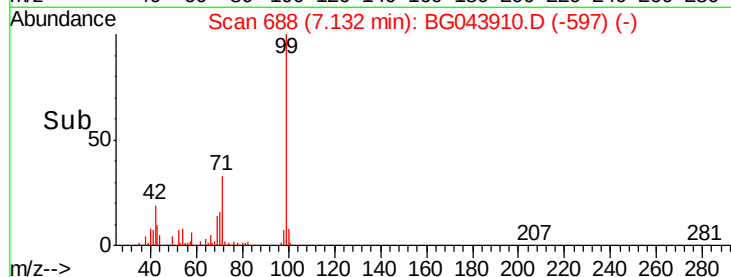
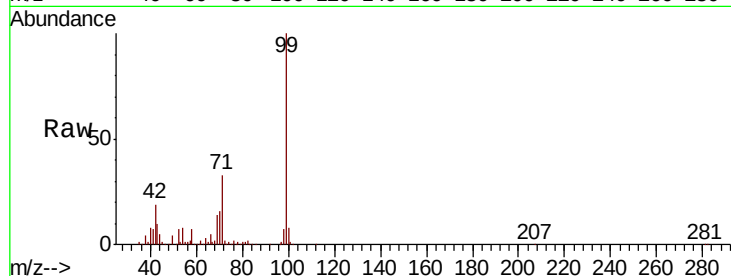
Tot Ion: 99 Resp: 1320085

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.9	22.3
71	33.4	26.4	39.6

99 100

42 19.5 14.9 22.3

71 33.4 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG043910.D

Acq: 4 Jan 2020 7:01

Tgt Ion: 136 Resp: 544859

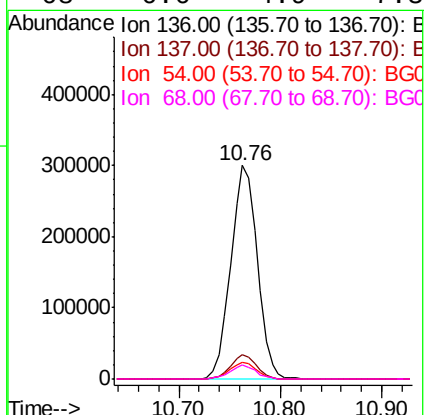
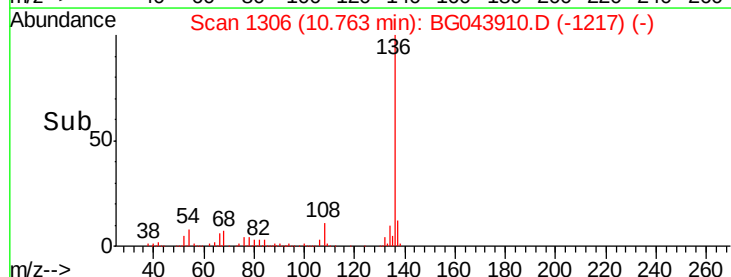
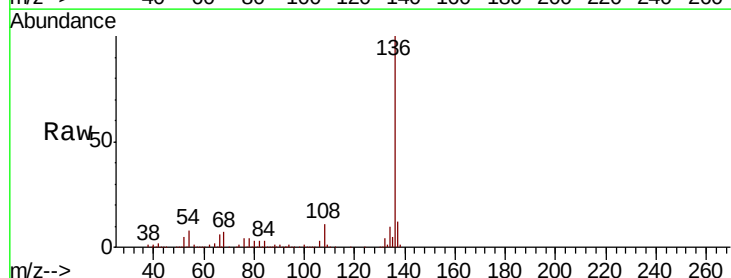
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.0	7.0	10.4
68	6.6	4.9	7.3

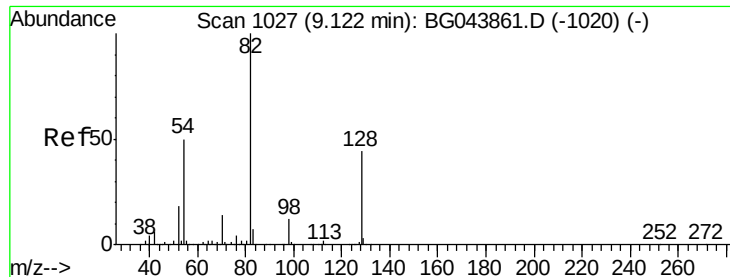
136 100

137 11.6 8.8 13.2

54 8.0 7.0 10.4

68 6.6 4.9 7.3

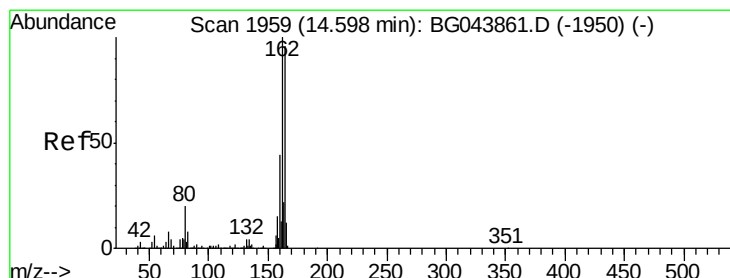
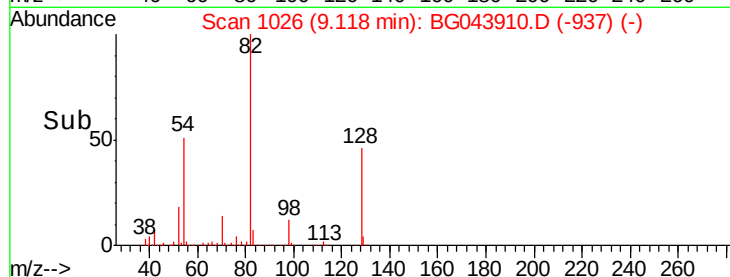
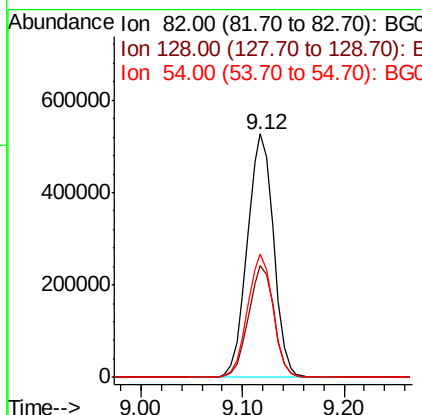
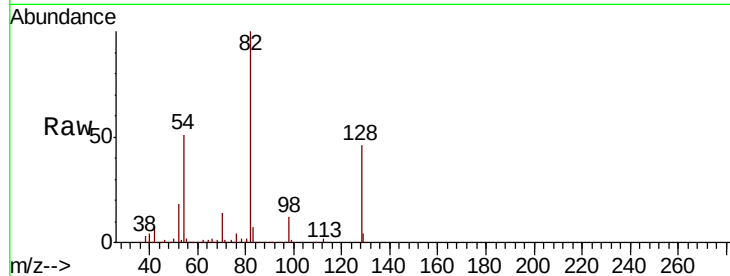




#23
 Nitrobenzene-d5
 Concen: 92.313 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG043910.D
 Acq: 4 Jan 2020 7:01

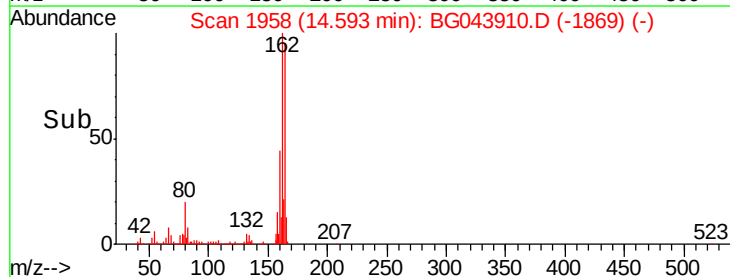
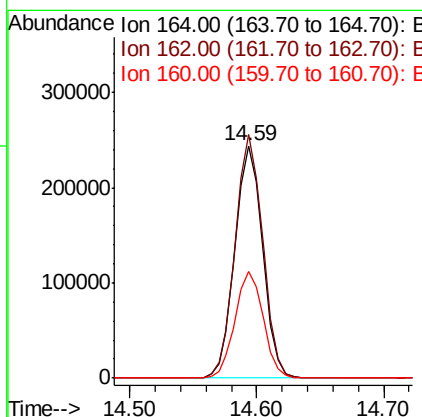
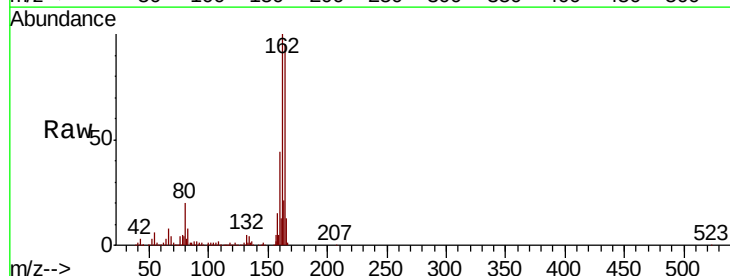
Instrument :
 BNA_G
 ClientSampleId :
 PB125879TB

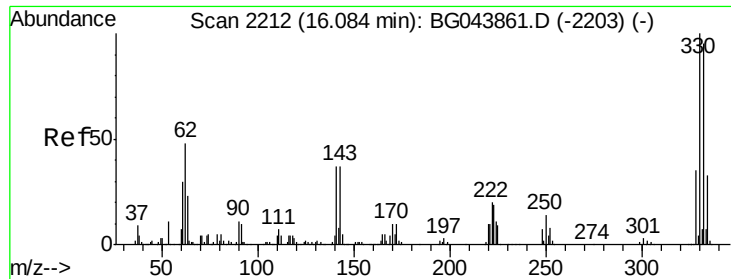
Tot Ion	82	Resp	940210
Ion Ratio	Lower	Upper	
82	100		
128	46.1	35.1	52.7
54	50.6	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG043910.D
 Acq: 4 Jan 2020 7:01

Tgt Ion	164	Resp	369325
Ion Ratio	Lower	Upper	
164	100		
162	104.8	83.0	124.4
160	46.0	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 142.439 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043910.D

Acq: 4 Jan 2020 7:01

Instrument :

BNA_G

ClientSampleId :

PB125879TB

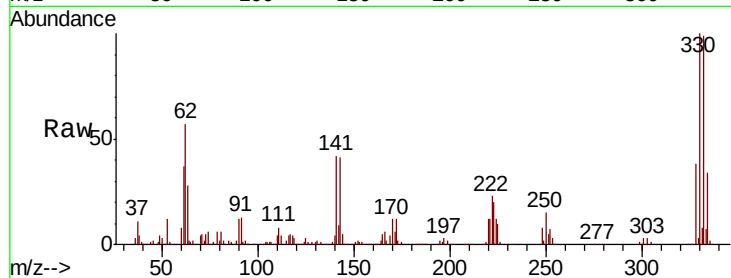
Tot Ion:330 Resp: 550513

Ion Ratio Lower Upper

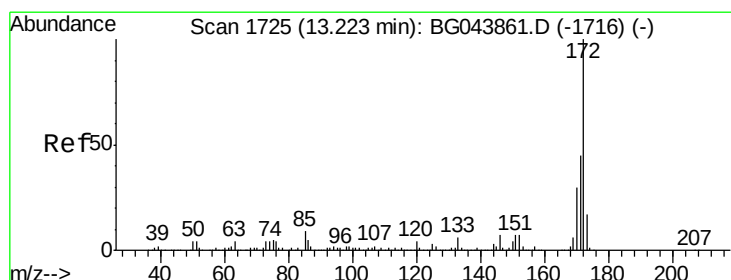
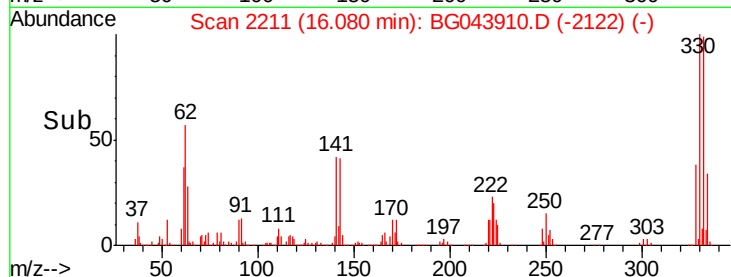
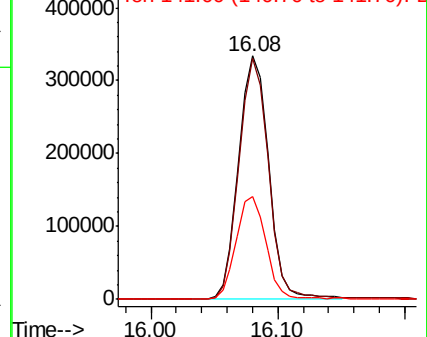
330 100

332 98.6 77.2 115.8

141 42.1 33.1 49.7



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: 98.637 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG043910.D

Acq: 4 Jan 2020 7:01

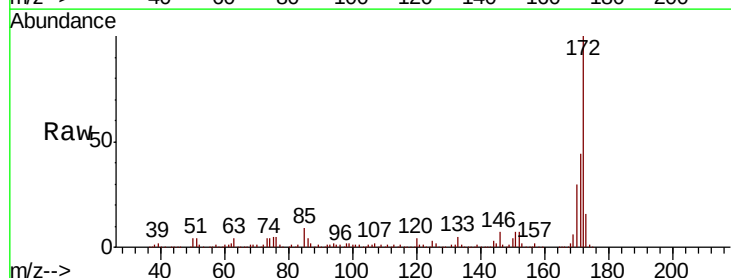
Tgt Ion:172 Resp: 2010696

Ion Ratio Lower Upper

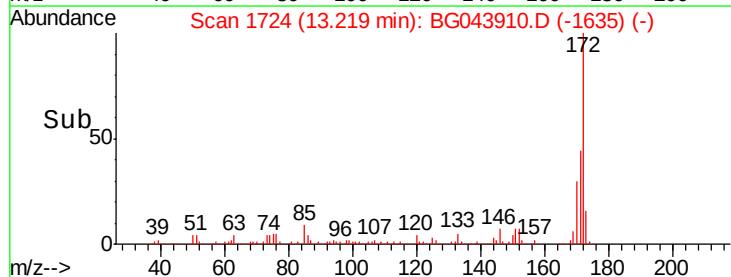
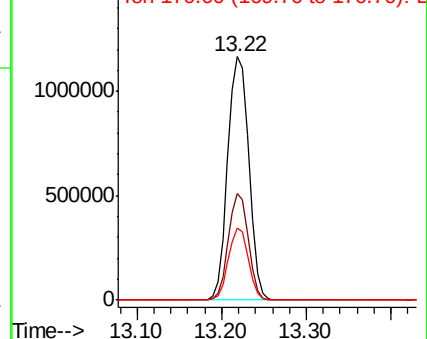
172 100

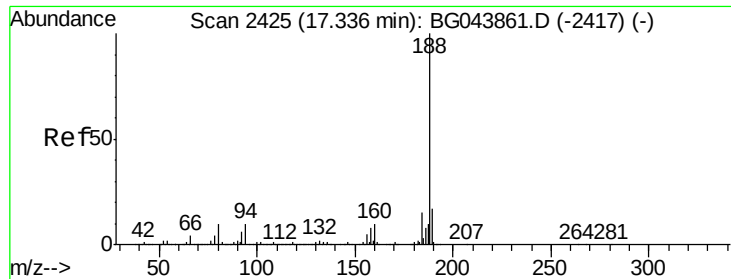
171 43.7 35.8 53.8

170 29.8 24.2 36.4



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043910.D

Acq: 4 Jan 2020 7:01

Instrument :

BNA_G

ClientSampleId :

PB125879TB

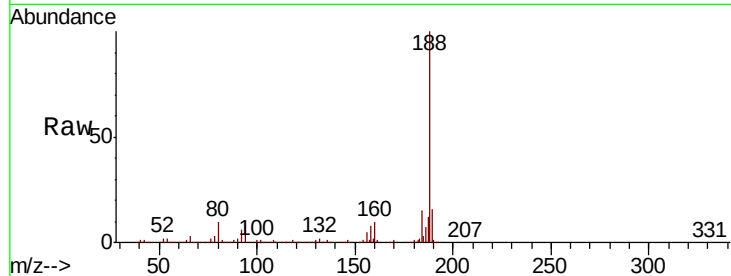
Tot Ion:188 Resp: 819161

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

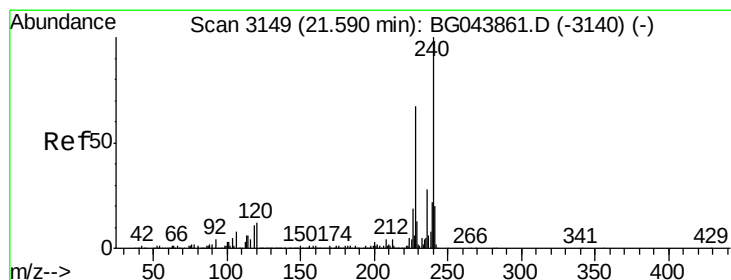
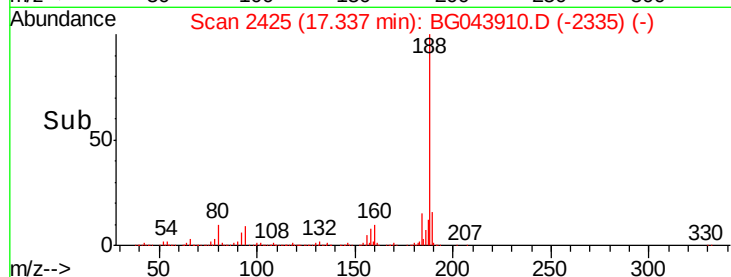
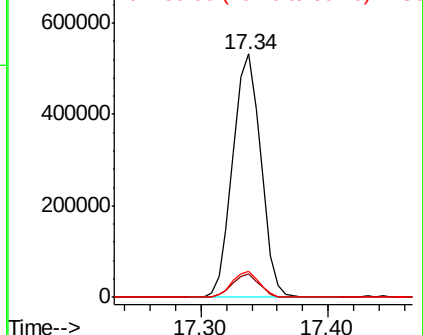
80 10.4 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG043910.D

Acq: 4 Jan 2020 7:01

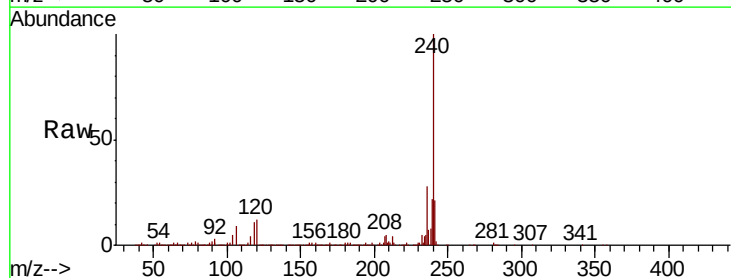
Tgt Ion:240 Resp: 710393

Ion Ratio Lower Upper

240 100

120 11.8 9.6 14.4

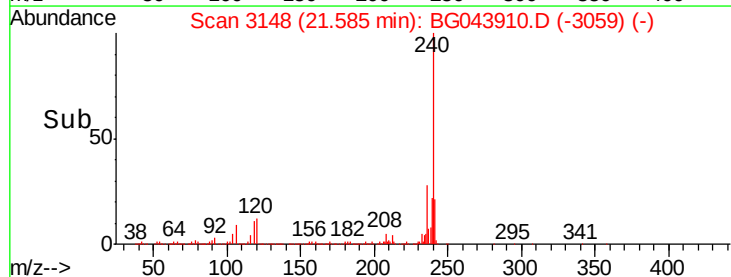
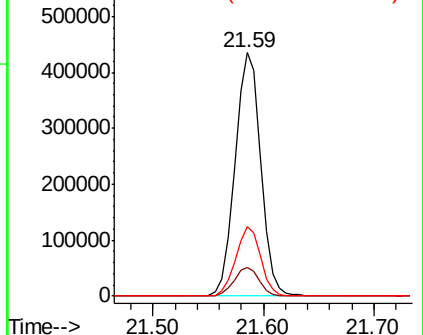
236 28.5 22.2 33.2

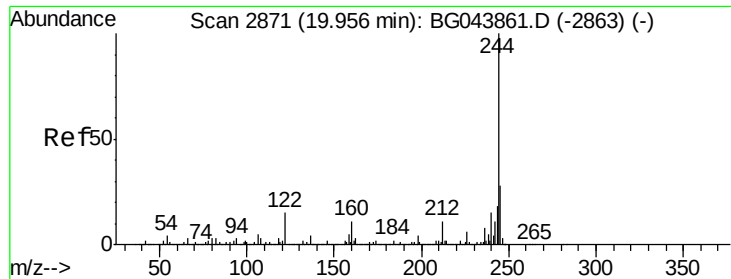


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

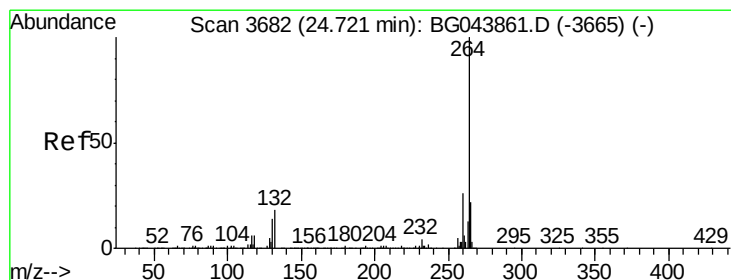
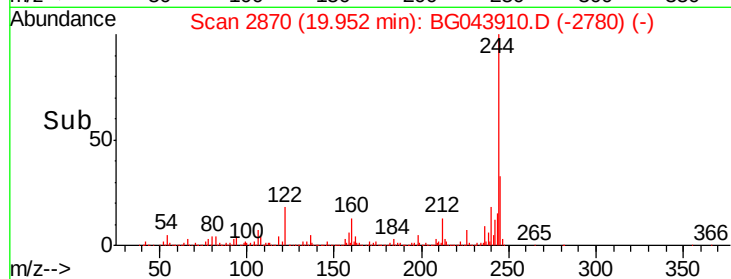
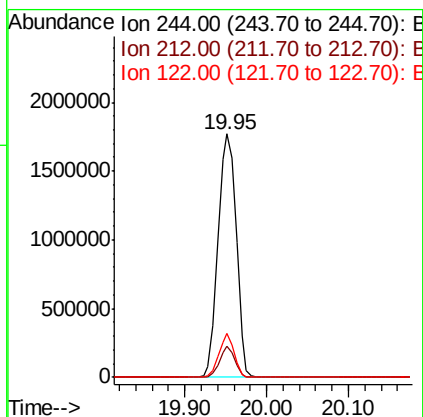
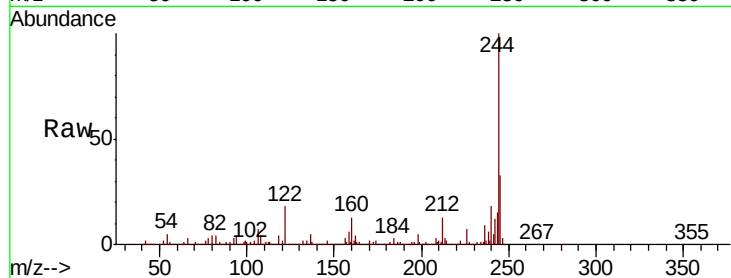




#79
 Terphenyl-d14
 Concen: 97.006 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: BG043910.D
 Acq: 4 Jan 2020 7:01

Instrument :
 BNA_G
 ClientSampleId :
 PB125879TB

Tot Ion:244 Resp: 2756342
 Ion Ratio Lower Upper
 244 100
 212 13.0 8.6 13.0#
 122 18.0 11.9 17.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.72 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: BG043910.D
 Acq: 4 Jan 2020 7:01

Tgt Ion:264 Resp: 790761
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.4 30.6
 265 21.9 17.4 26.2

