

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
 Data File : BG043781.D
 Acq On : 26 Nov 2019 17:14
 Operator : JU
 Sample : PB125122TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125122TB

Quant Time: Nov 27 03:54:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

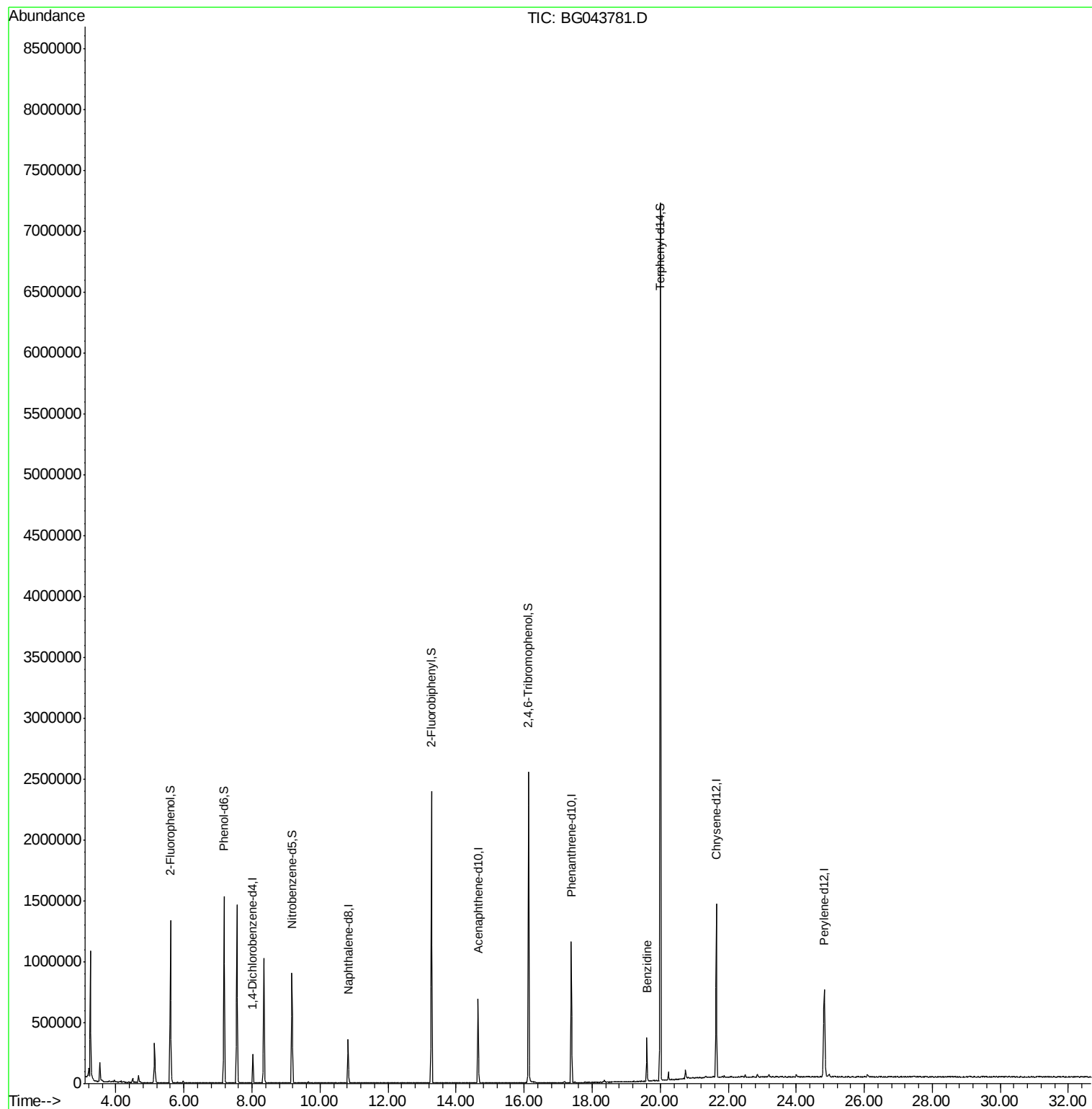
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	69591	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	322428	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	239840	20.00	ng	-0.01
64) Phenanthrene-d10	17.39	188	721101	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	760286	20.00	ng	-0.02
87) Perylene-d12	24.82	264	745397	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	669190	172.88	ng	0.00
7) Phenol-d6	7.18	99	925491	164.47	ng	0.00
23) Nitrobenzene-d5	9.18	82	552969	94.30	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	435925	150.69	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	1288601	88.32	ng	-0.01
79) Terphenyl-d14	20.00	244	3024095	89.88	ng	-0.01
Target Compounds						
77) Benzidine	19.61	184	210006	9.456	ng	Qvalue 98

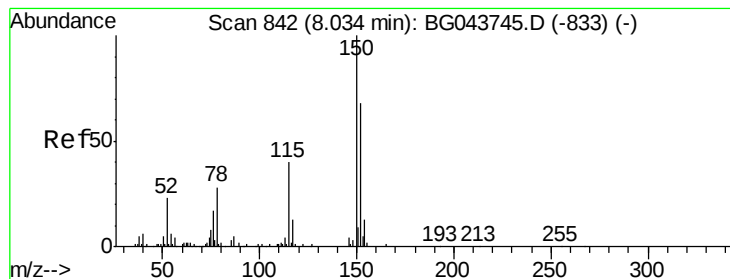
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
Data File : BG043781.D
Acq On : 26 Nov 2019 17:14
Operator : JU
Sample : PB125122TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125122TB

Quant Time: Nov 27 03:54:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG043781.D

Acq: 26 Nov 2019 17:14

Instrument :

BNA_G

ClientSampleId :

PB125122TB

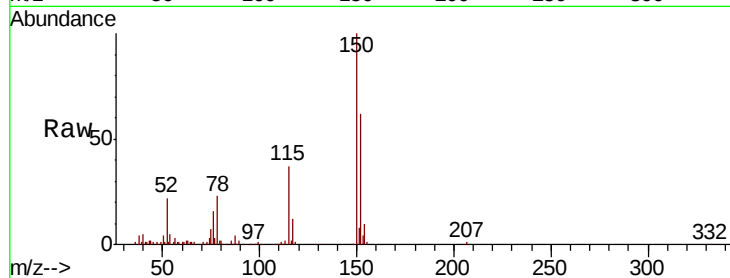
Tot Ion:152 Resp: 69591

Ion Ratio Lower Upper

152 100

150 162.5 117.8 176.8

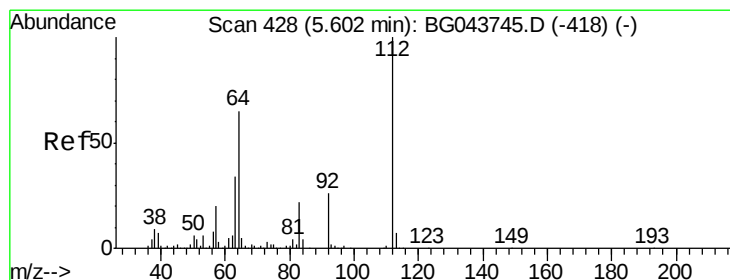
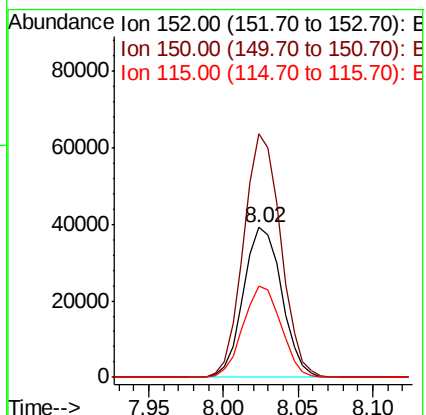
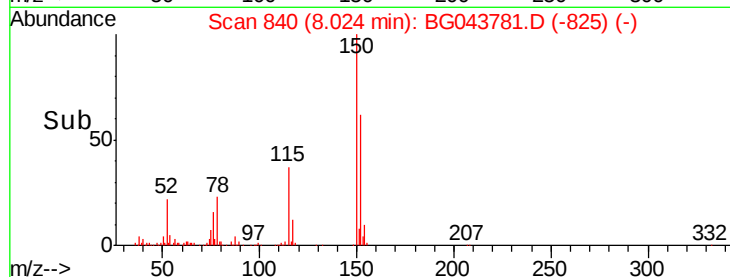
115 60.8 47.0 70.4



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: 172.875 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043781.D

Acq: 26 Nov 2019 17:14

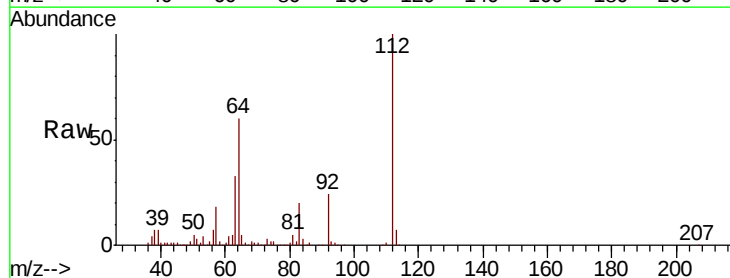
Tgt Ion:112 Resp: 669190

Ion Ratio Lower Upper

112 100

64 60.1 51.7 77.5

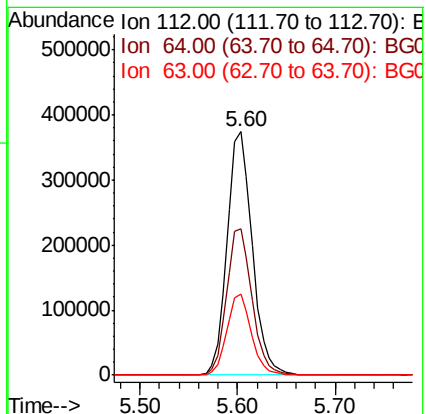
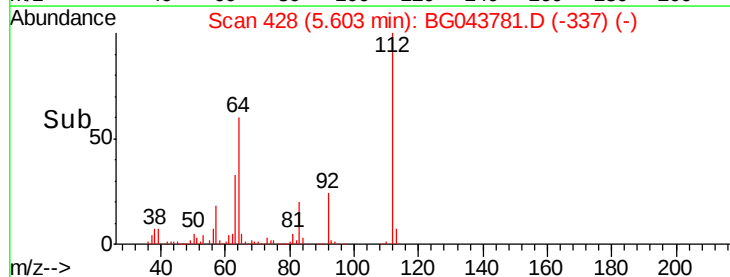
63 33.2 26.8 40.2

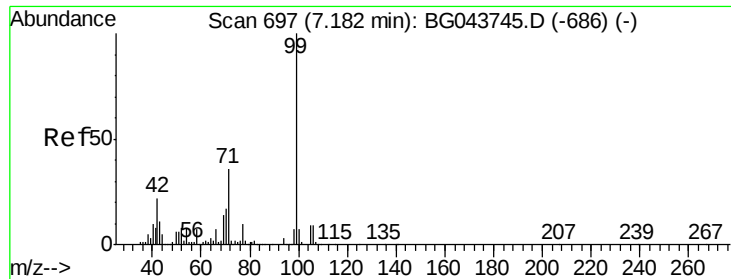


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 164.471 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043781.D

Acq: 26 Nov 2019 17:14

Instrument :

BNA_G

ClientSampleId :

PB125122TB

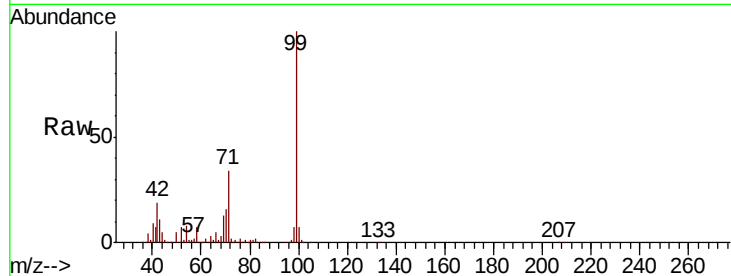
Tot Ion: 99 Resp: 925491

Ion Ratio Lower Upper

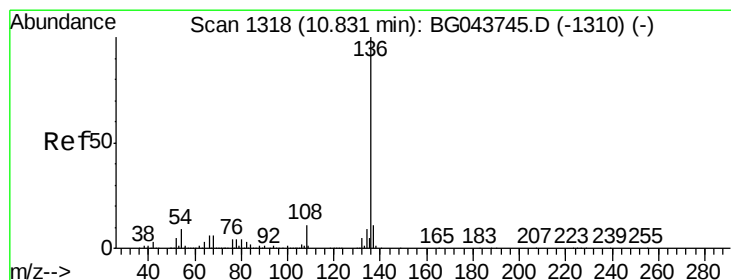
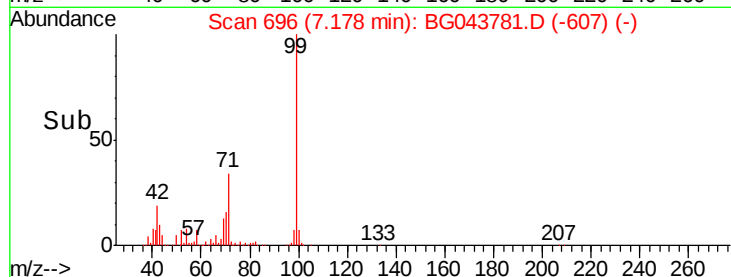
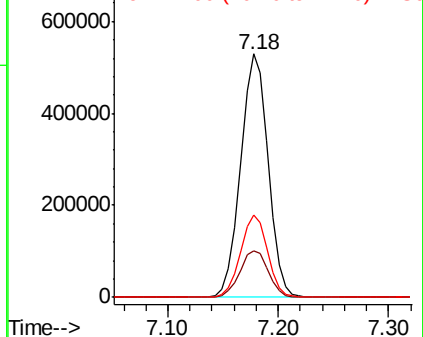
99 100

42 19.3 17.4 26.0

71 33.9 29.5 44.3



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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043781.D

Acq: 26 Nov 2019 17:14

Tgt Ion: 136 Resp: 322428

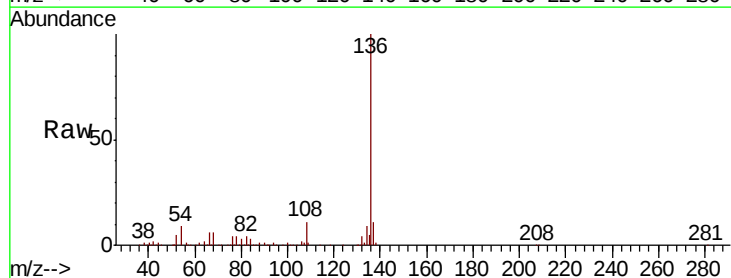
Ion Ratio Lower Upper

136 100

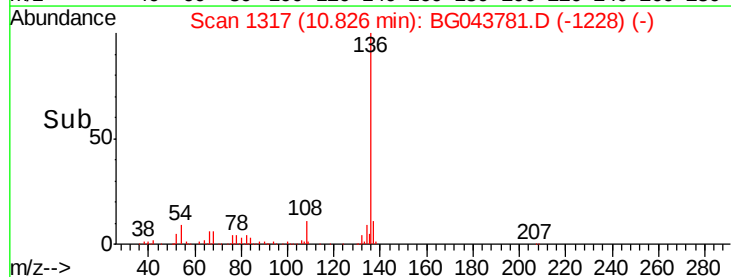
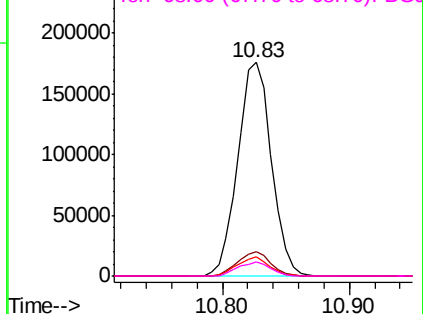
137 11.4 8.8 13.2

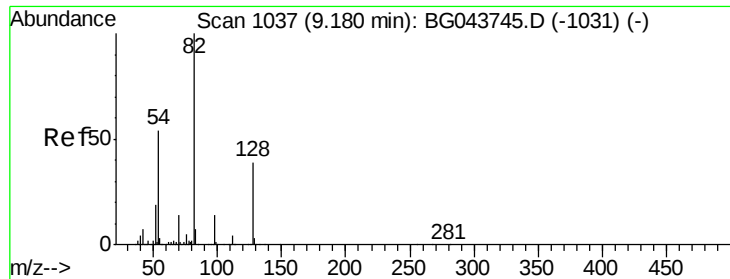
54 8.7 7.5 11.3

68 6.4 4.9 7.3



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

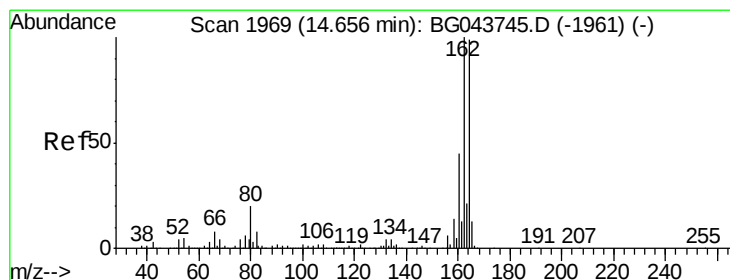
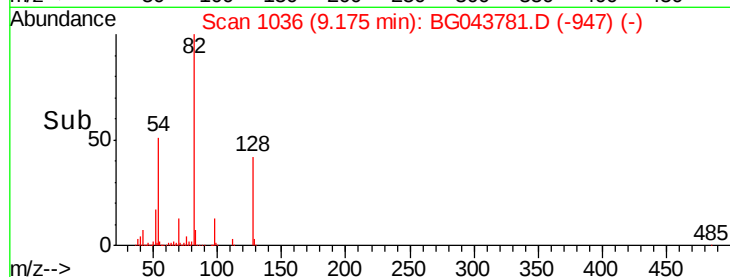
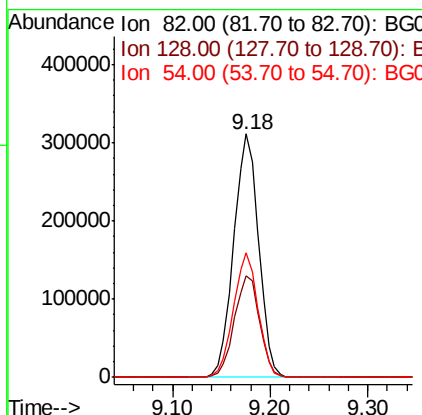
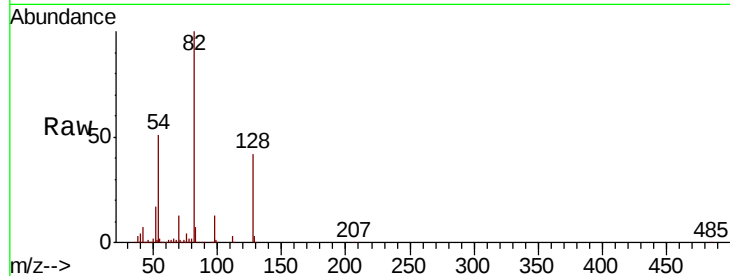




#23
 Nitrobenzene-d5
 Concen: 94.296 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043781.D
 Acq: 26 Nov 2019 17:14

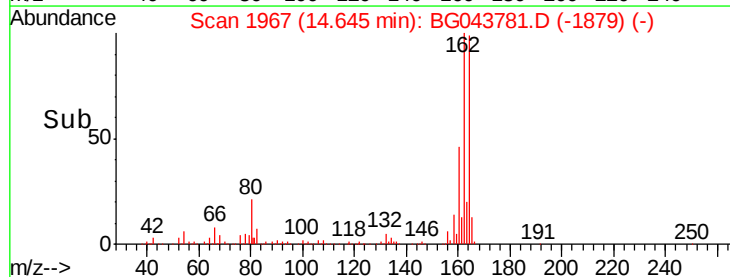
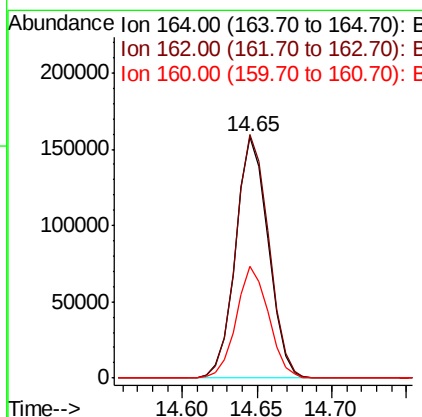
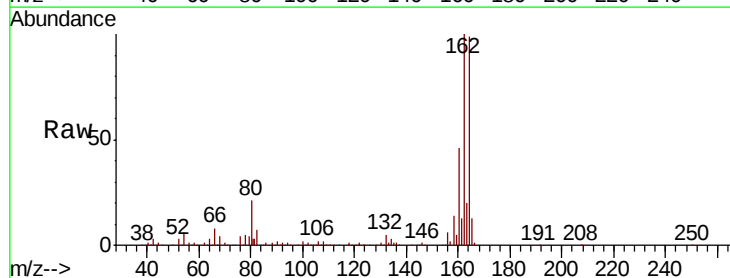
Instrument :
 BNA_G
 ClientSampleId :
 PB125122TB

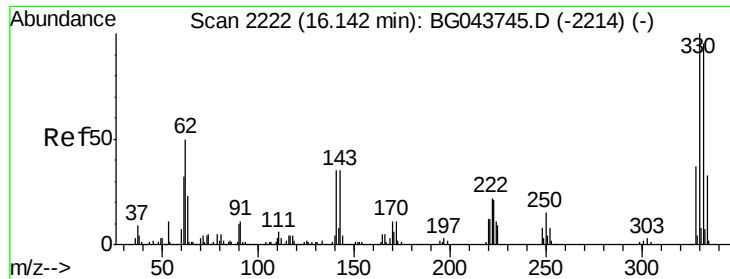
Tot Ion	82	Resp	552969
Ion Ratio	Lower	Upper	
82	100		
128	41.6	31.3	46.9
54	51.1	42.7	64.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG043781.D
 Acq: 26 Nov 2019 17:14

Tgt Ion	164	Resp	239840
Ion Ratio	Lower	Upper	
164	100		
162	100.9	80.6	121.0
160	46.2	36.3	54.5

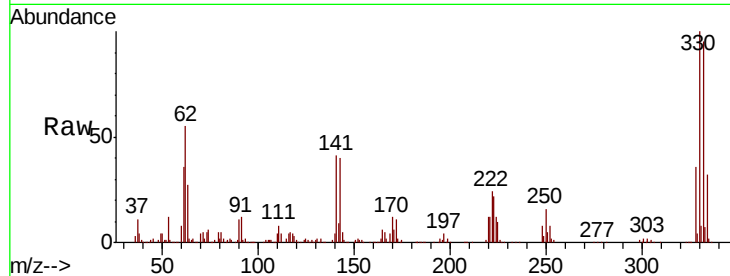




#42
 2,4,6-Tribromophenol
 Concen: 150.691 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043781.D
 Acq: 26 Nov 2019 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB125122TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	41.2	31.4	47.2

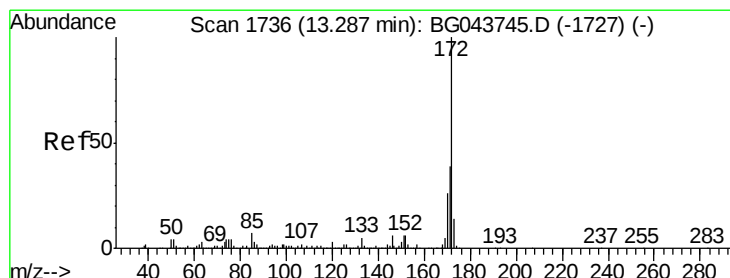
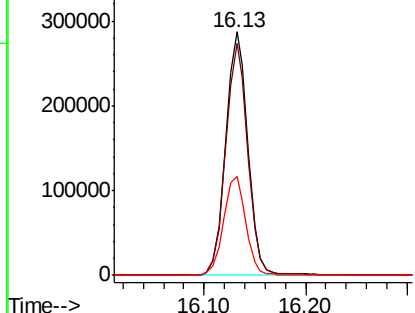
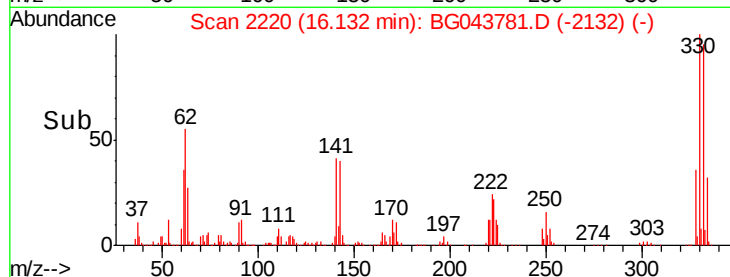


Abundance

Ion 329.80 (329.50 to 330.50): E

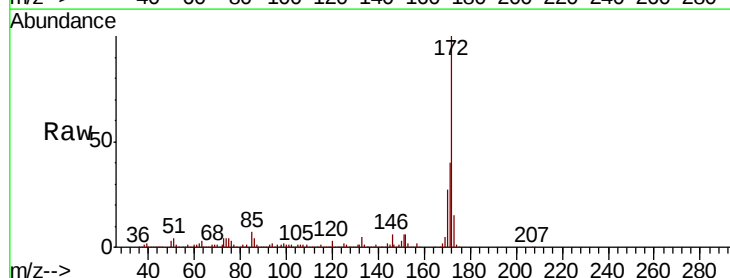
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.317 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG043781.D
 Acq: 26 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.0	46.6
170	27.1	21.0	31.4

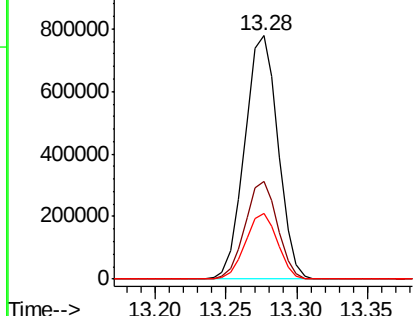
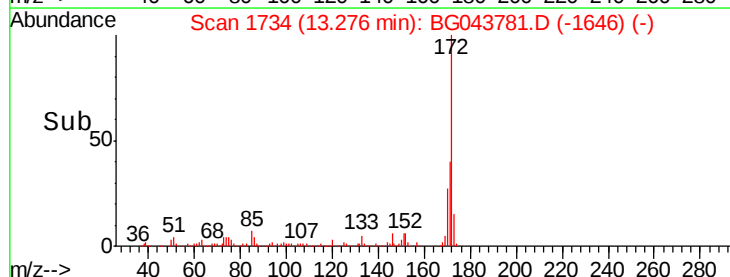


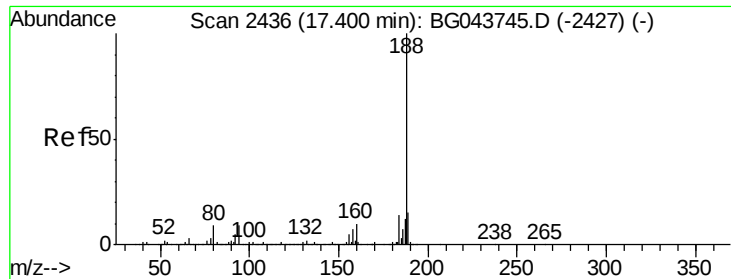
Abundance

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

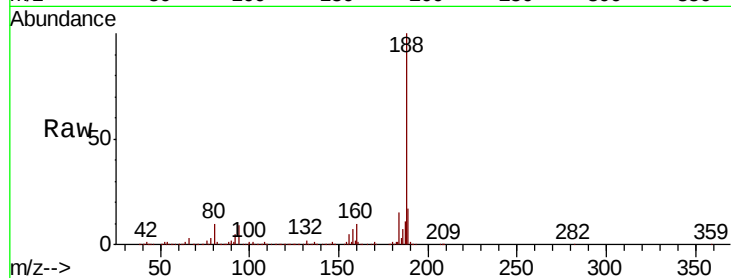




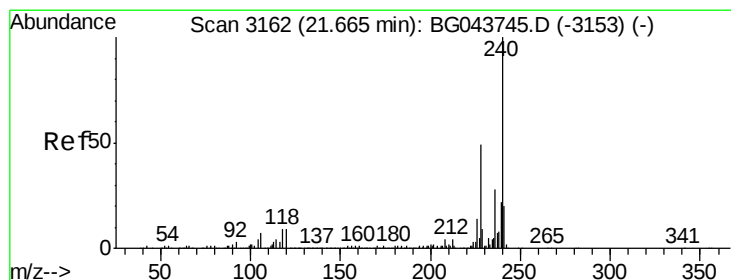
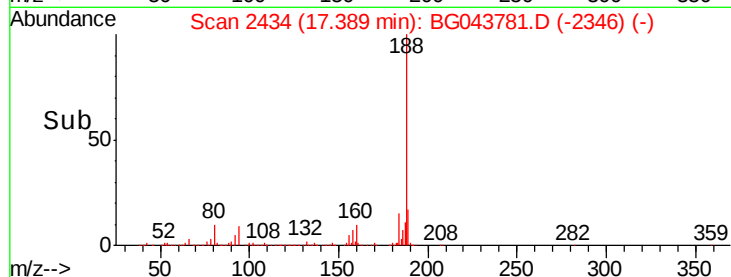
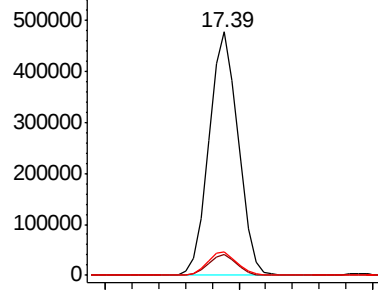
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043781.D
Acq: 26 Nov 2019 17:14

Instrument :
BNA_G
ClientSampleId :
PB125122TB

Tot Ion:188 Resp: 721101
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.7 7.5 11.3

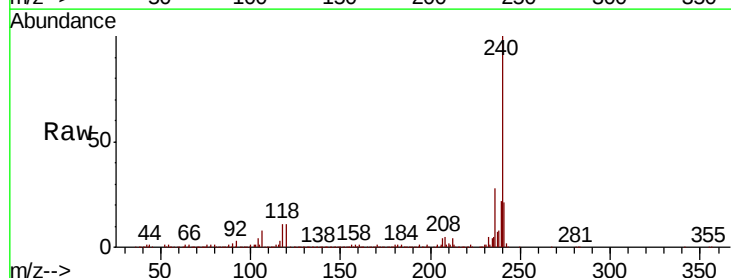


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

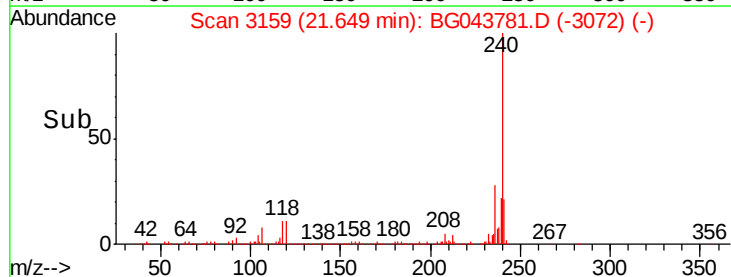
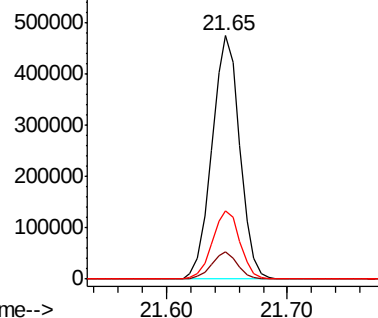


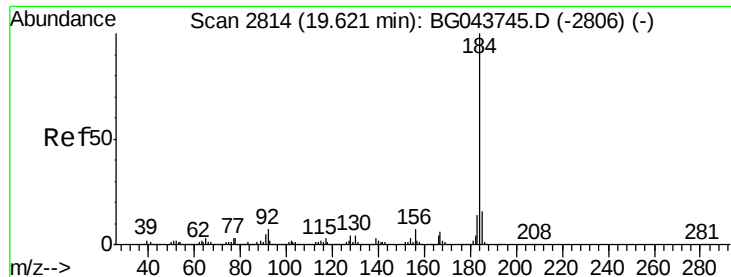
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG043781.D
Acq: 26 Nov 2019 17:14

Tgt Ion:240 Resp: 760286
Ion Ratio Lower Upper
240 100
120 11.1 7.5 11.3
236 28.0 22.6 34.0



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





#77

Benzidine

Concen: 9.456 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043781.D

Acq: 26 Nov 2019 17:14

Instrument :

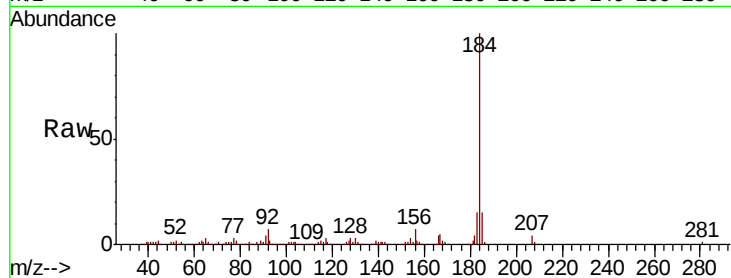
BNA_G

ClientSampleId :

PB125122TB

Tot Ion:184 Resp: 210006

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.8	19.2
183	14.6	11.3	16.9

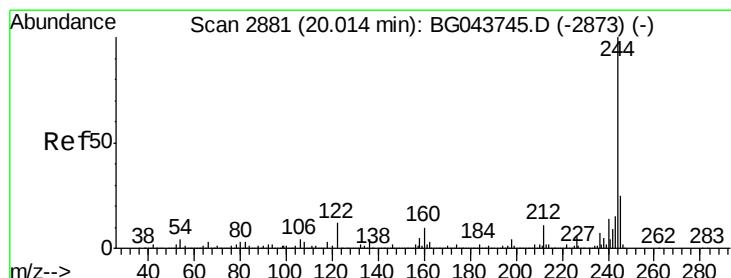
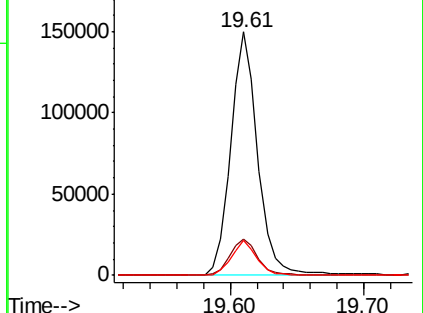
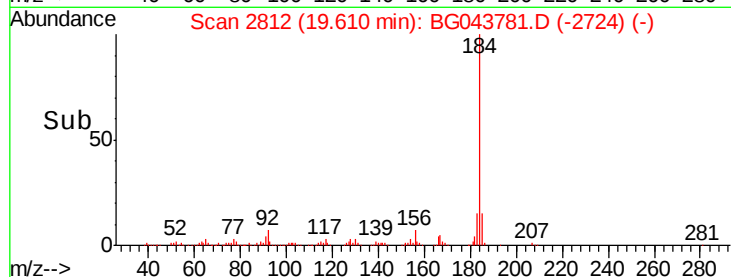


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 89.879 ng

RT: 20.00 min Scan# 2879

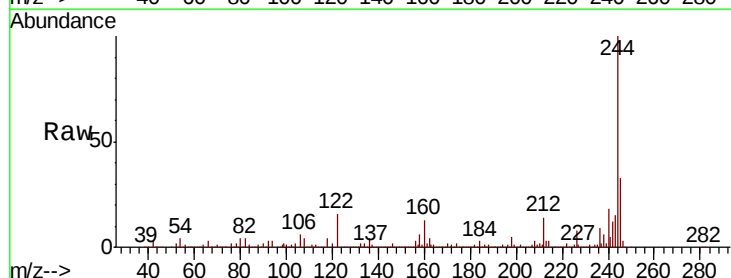
Delta R.T. -0.01 min

Lab File: BG043781.D

Acq: 26 Nov 2019 17:14

Tgt Ion:244 Resp: 3024095

Ion	Ratio	Lower	Upper
244	100		
212	13.7	8.5	12.7#
122	16.5	9.5	14.3#

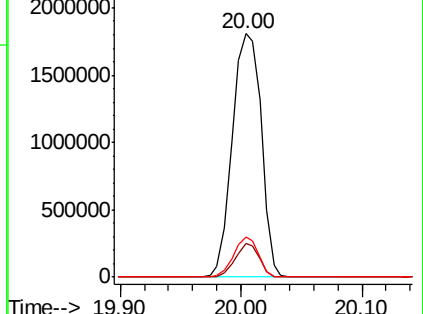
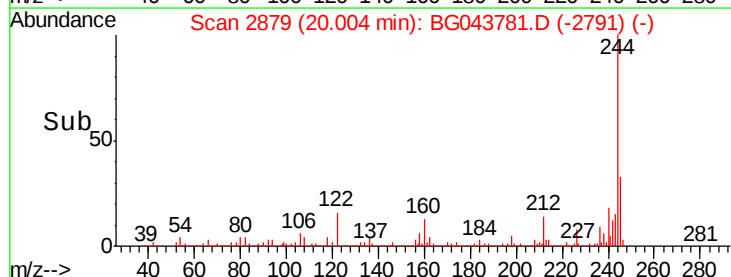


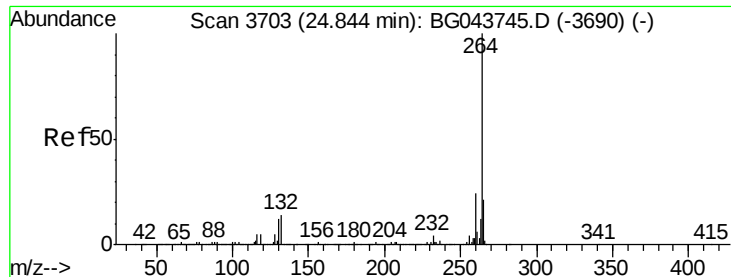
Abundance

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: 24.82 min Scan# 3699
Delta R.T. -0.02 min
Lab File: BG043781.D
Acq: 26 Nov 2019 17:14

Instrument :
BNA_G
ClientSampleId :
PB125122TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.9	17.0	25.6

