

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043822.D
 Acq On : 17 Dec 2019 16:43
 Operator : JU
 Sample : PB125483BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125483BL

Quant Time: Dec 18 01:21:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	108076	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	475154	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	365128	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	899369	20.00	ng	0.00
76) Chrysene-d12	21.63	240	770794	20.00	ng	0.00
87) Perylene-d12	24.79	264	777772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	880383	154.34	ng	0.00
7) Phenol-d6	7.17	99	1292850	157.16	ng	0.00
23) Nitrobenzene-d5	9.16	82	745841	88.13	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	561877	161.41	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1817889	87.46	ng	0.00
79) Terphenyl-d14	19.99	244	2840131	88.65	ng	0.00

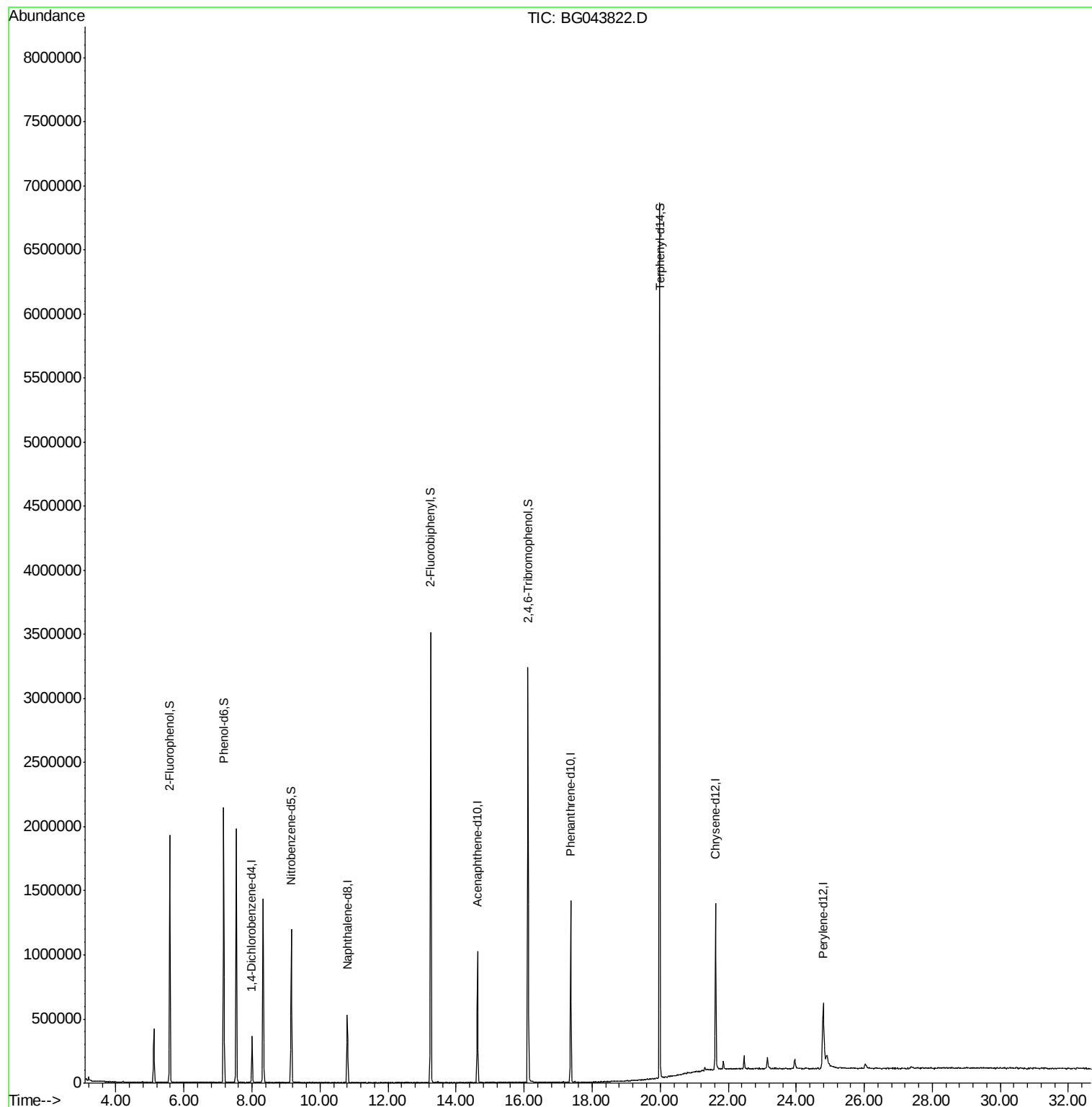
Target Compounds Qvalue

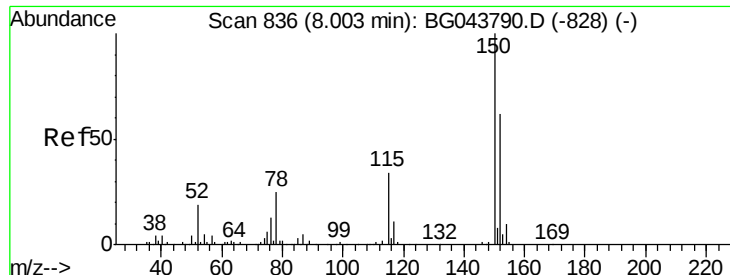
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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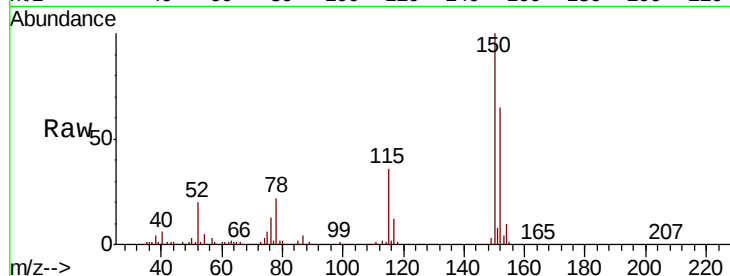


#1

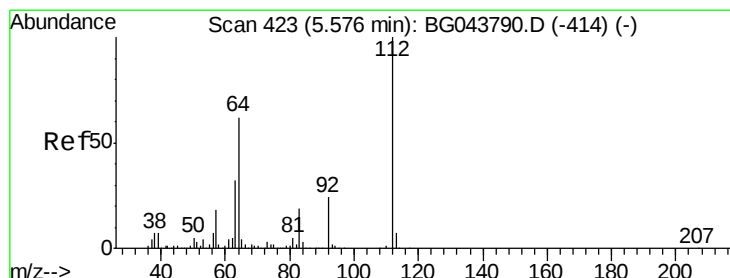
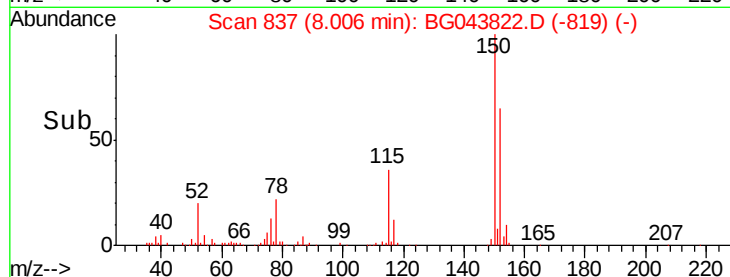
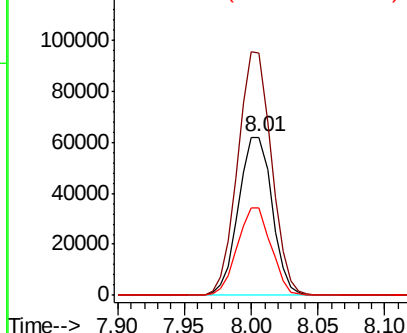
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB125483BL

Tot Ion:152 Resp: 108076
Ion Ratio Lower Upper
152 100
150 153.2 128.6 192.8
115 55.2 44.3 66.5



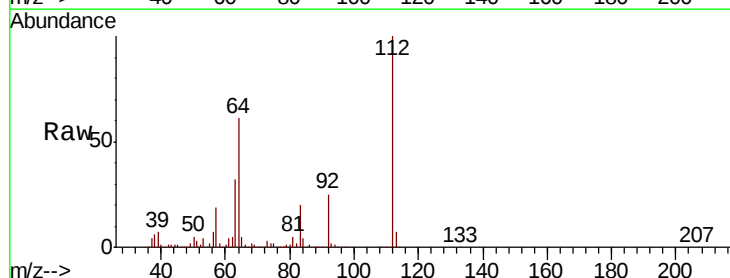
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



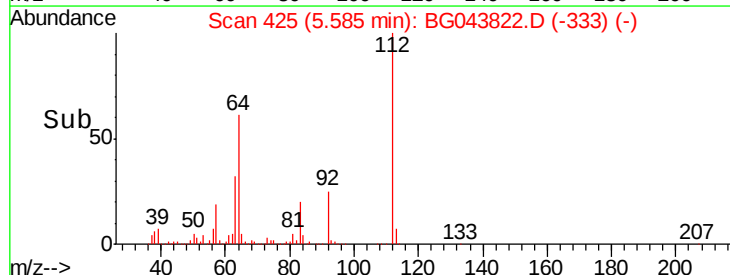
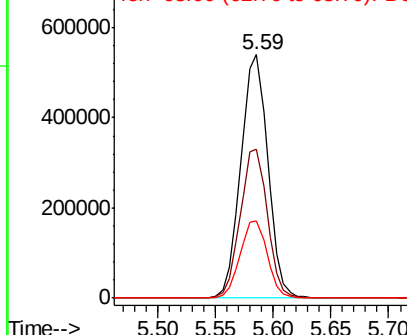
#5

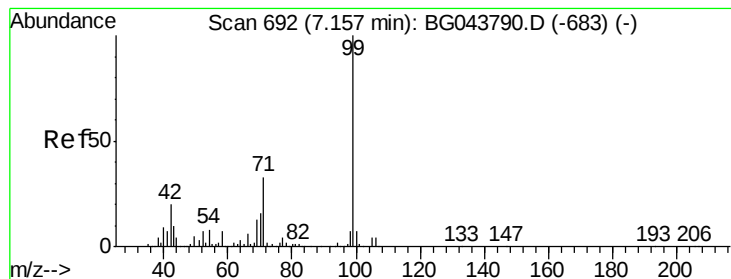
2-Fluorophenol
Concen: 154.343 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.01 min
Lab File: BG043822.D
Acq: 17 Dec 2019 16:43

Tgt Ion:112 Resp: 880383
Ion Ratio Lower Upper
112 100
64 61.4 49.9 74.9
63 31.8 26.0 39.0



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: 157.161 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043822.D

Acq: 17 Dec 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB125483BL

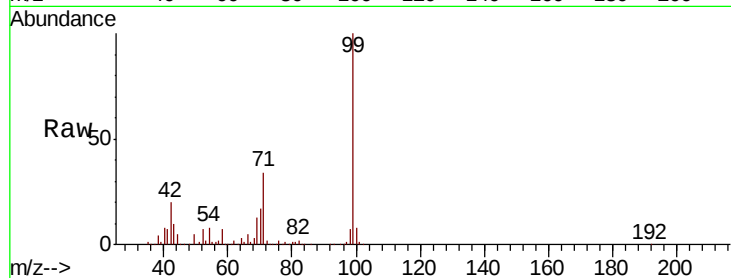
Tot Ion: 99 Resp: 1292850

Ion Ratio Lower Upper

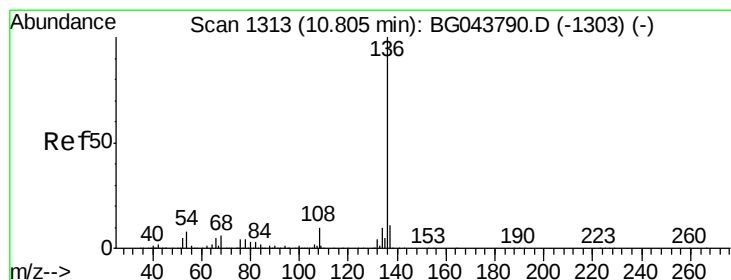
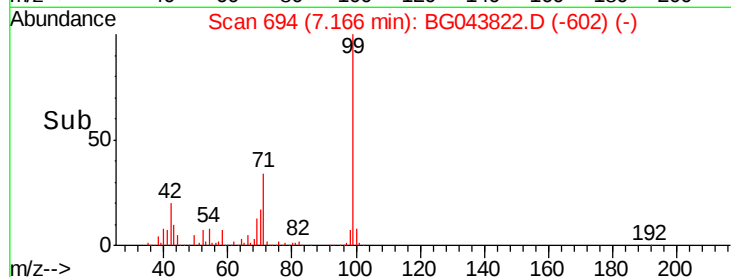
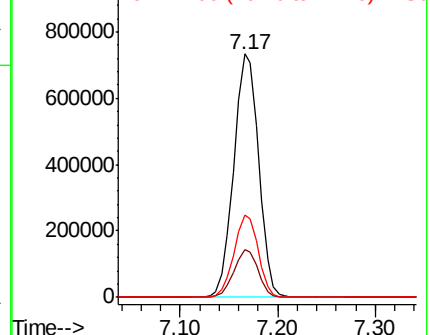
99 100

42 19.8 16.2 24.2

71 33.7 26.6 40.0



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: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG043822.D

Acq: 17 Dec 2019 16:43

Tgt Ion: 136 Resp: 475154

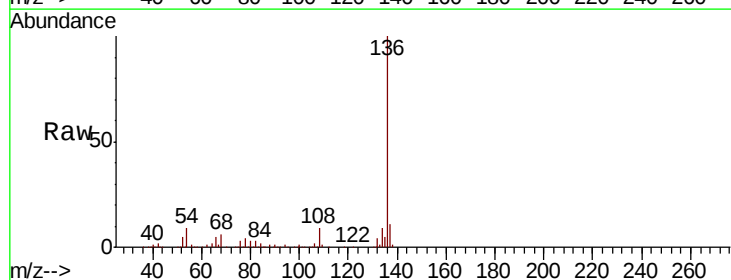
Ion Ratio Lower Upper

136 100

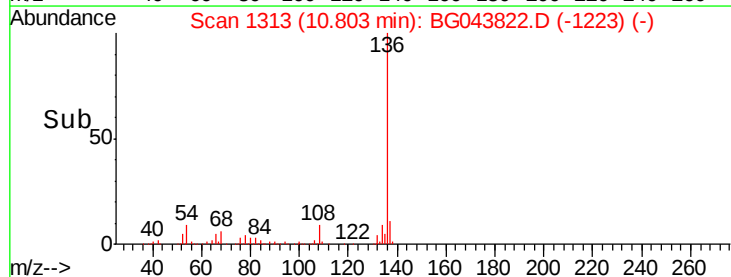
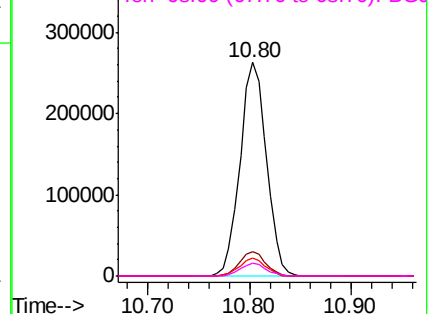
137 11.4 8.7 13.1

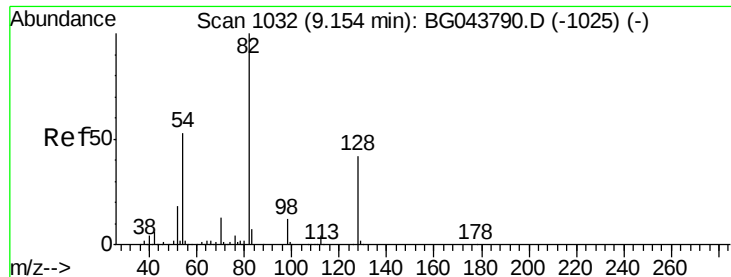
54 8.7 6.8 10.2

68 6.3 5.0 7.4



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

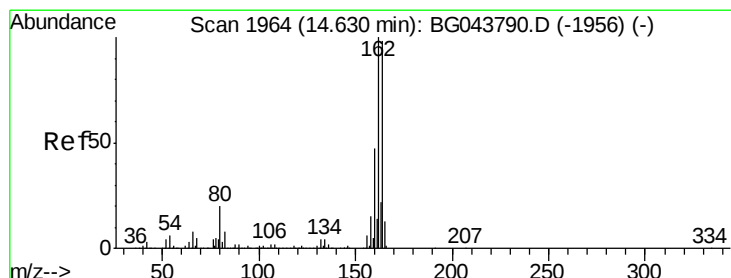
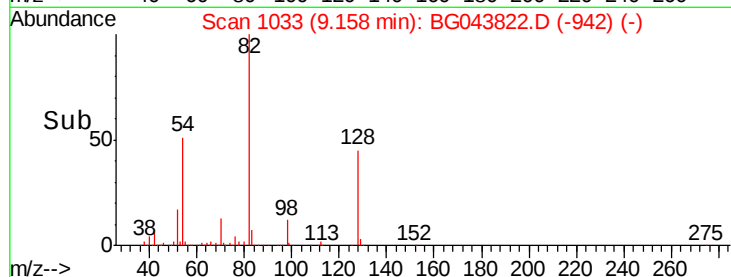
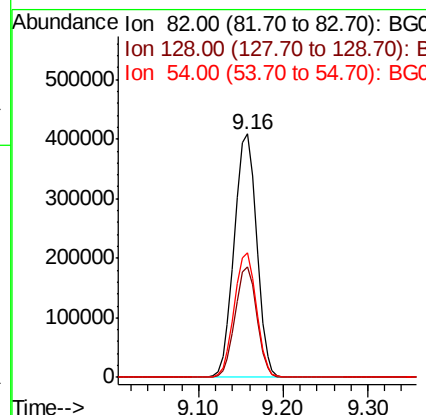
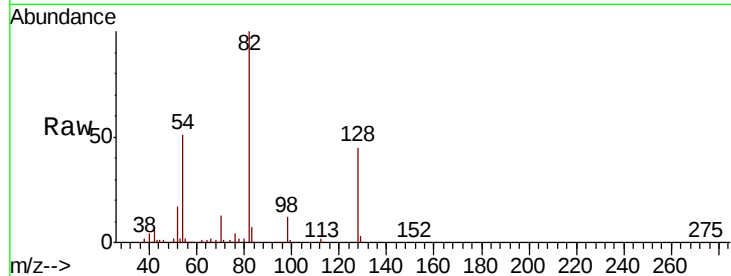




#23
 Nitrobenzene-d5
 Concen: 88.133 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG043822.D
 Acq: 17 Dec 2019 16:43

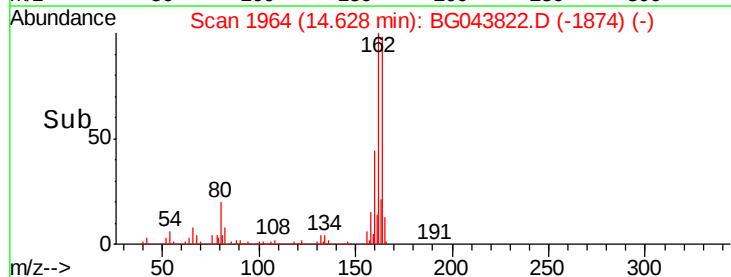
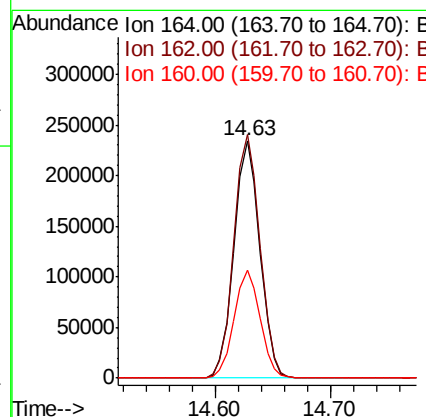
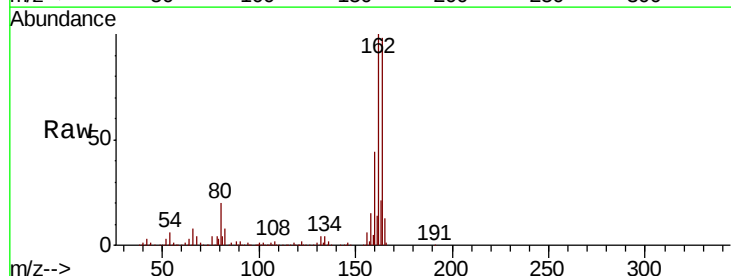
Instrument :
 BNA_G
 ClientSampled :
 PB125483BL

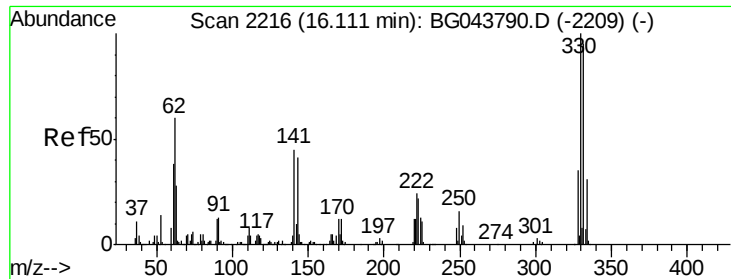
Tot Ion	82	Resp	745841
Ion Ratio	Lower	Upper	
82	100		
128	45.4	33.6	50.4
54	51.0	42.1	63.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG043822.D
 Acq: 17 Dec 2019 16:43

Tgt Ion	164	Resp	365128
Ion Ratio	Lower	Upper	
164	100		
162	102.5	81.9	122.9
160	45.4	38.3	57.5

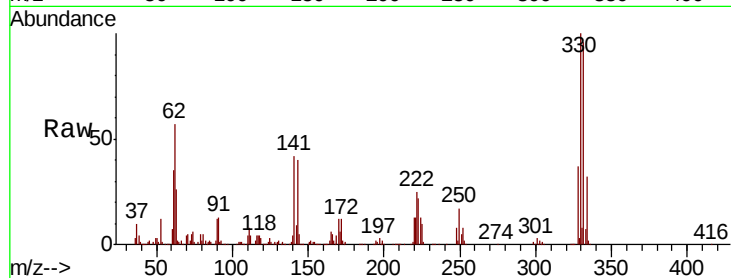




#42
 2,4,6-Tribromophenol
 Concen: 161.415 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG043822.D
 Acq: 17 Dec 2019 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB125483BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	41.4	33.8	50.8

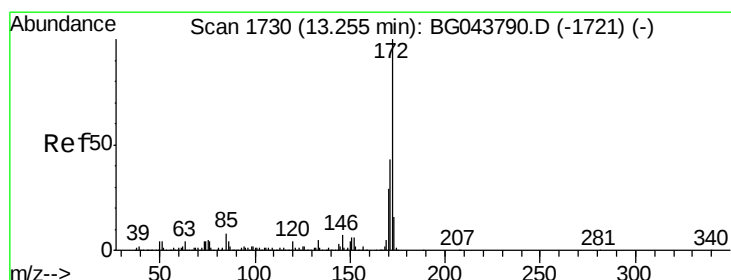
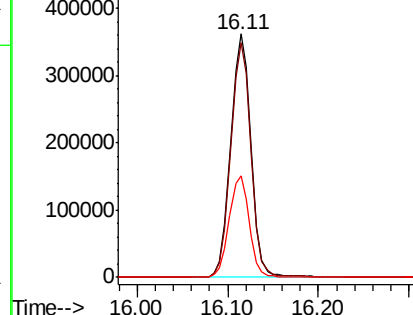
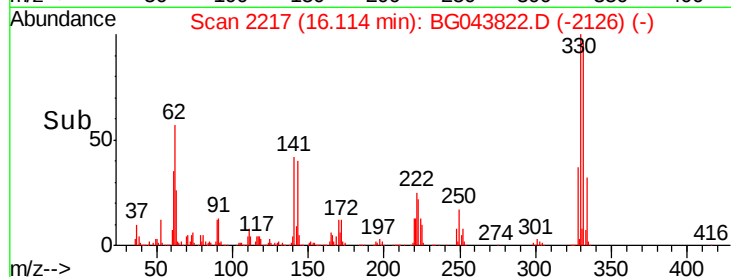


Abundance

Ion 329.80 (329.50 to 330.50): E

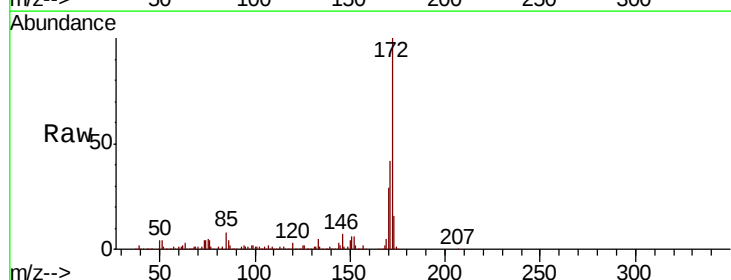
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.456 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG043822.D
 Acq: 17 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.3	34.6	51.8
170	28.6	23.3	34.9

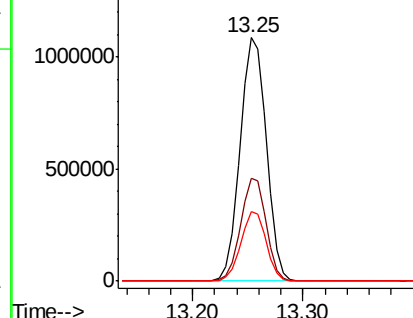
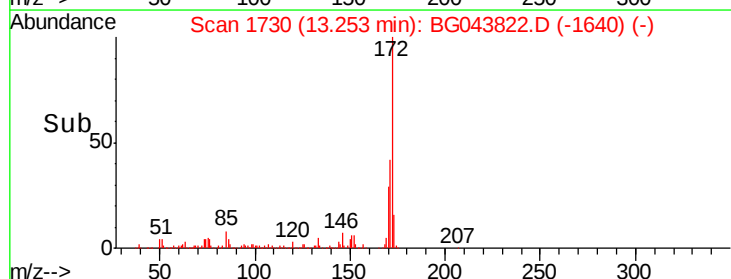


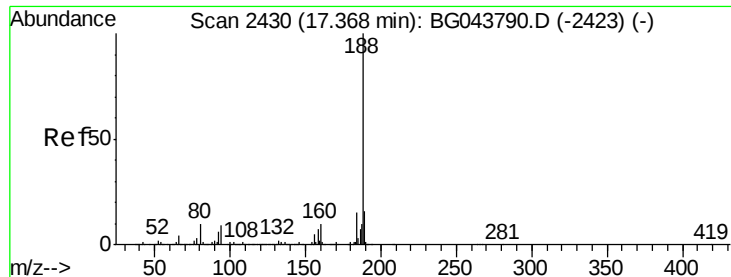
Abundance

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: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043822.D

Acq: 17 Dec 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB125483BL

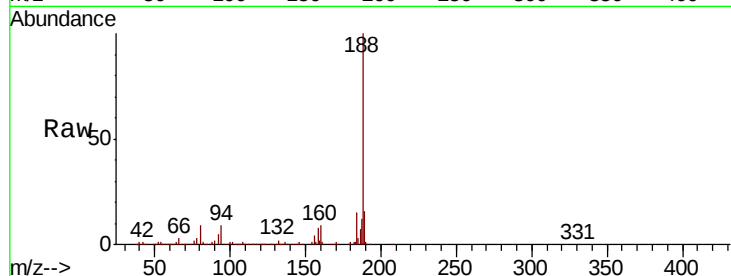
Tot Ion:188 Resp: 899369

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

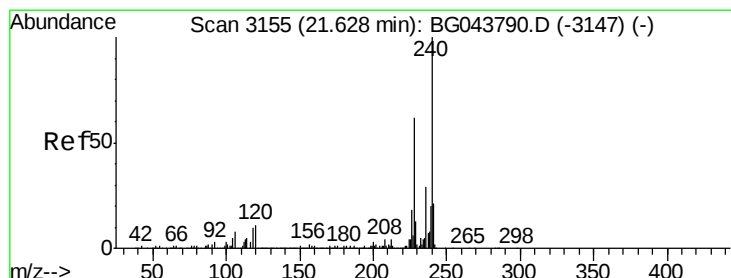
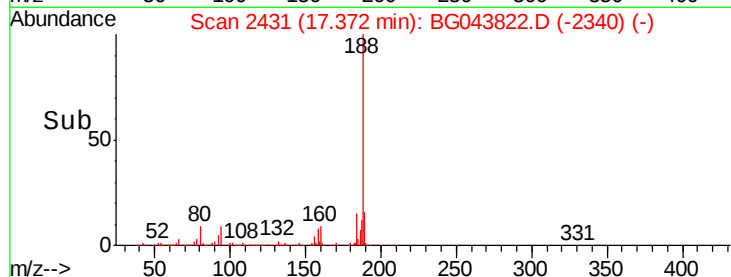
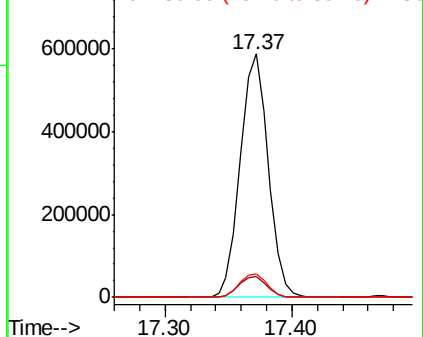
80 9.4 7.8 11.8



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: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG043822.D

Acq: 17 Dec 2019 16:43

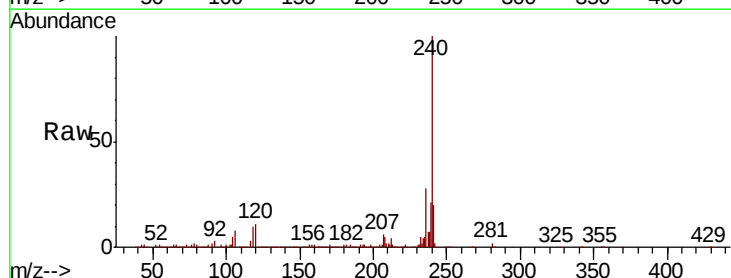
Tgt Ion:240 Resp: 770794

Ion Ratio Lower Upper

240 100

120 10.9 8.6 12.8

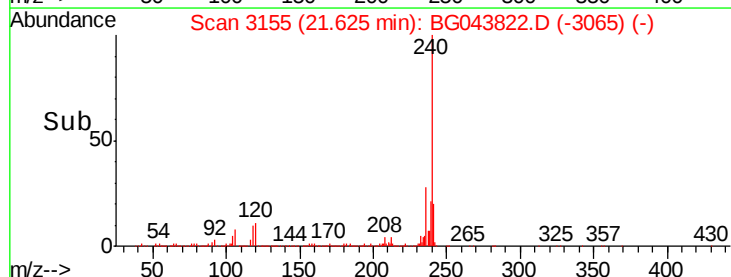
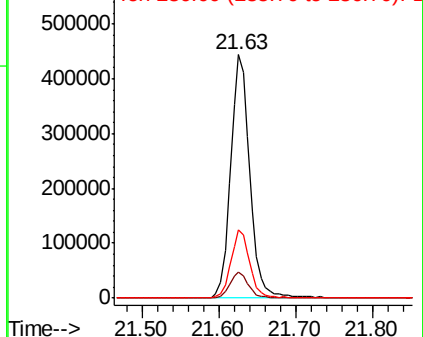
236 27.9 23.1 34.7

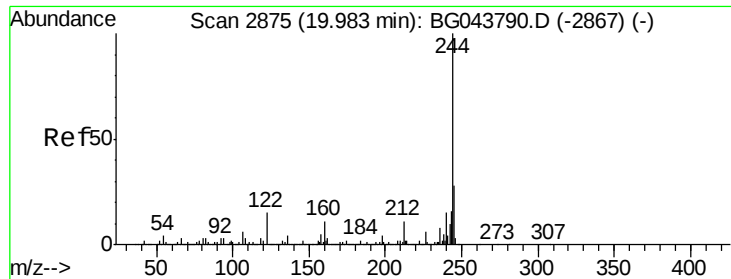


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.645 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043822.D

Acq: 17 Dec 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB125483BL

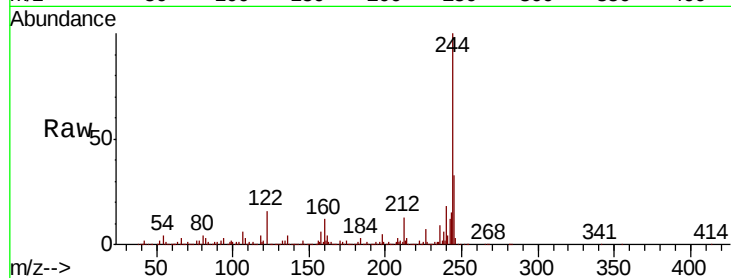
Tot Ion:244 Resp: 2840131

Ion Ratio Lower Upper

244 100

212 13.3 9.1 13.7

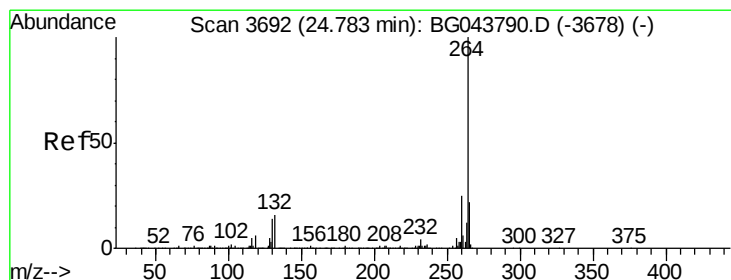
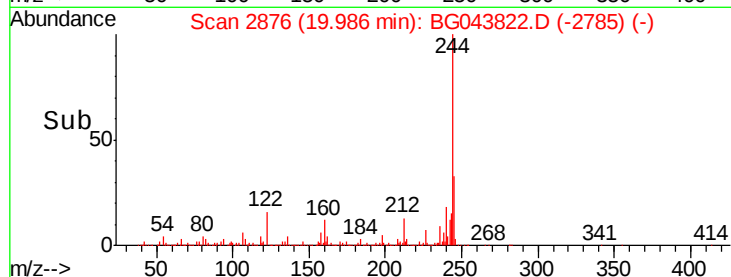
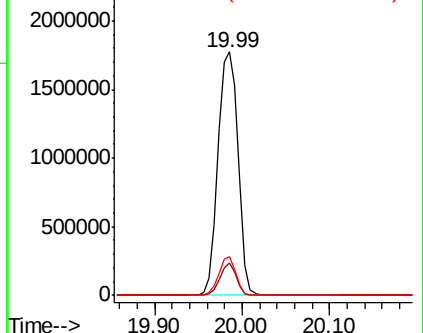
122 15.9 11.6 17.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG043822.D

Acq: 17 Dec 2019 16:43

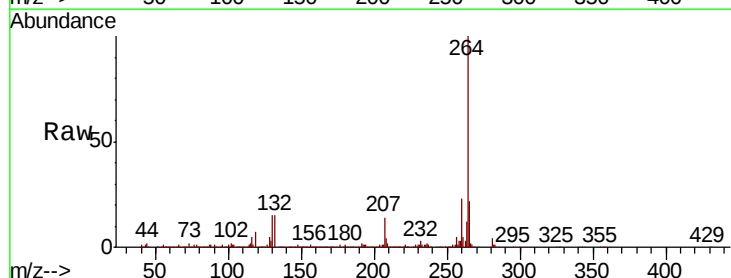
Tgt Ion:264 Resp: 777772

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.8

265 22.1 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

