

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043821.D
 Acq On : 17 Dec 2019 16:04
 Operator : JU
 Sample : PB125439BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125439BL

Quant Time: Dec 18 01:15:25 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	8.00	152	113137	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	489581	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	370548	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	900706	20.00	ng	0.00
76) Chrysene-d12	21.63	240	789761	20.00	ng	0.00
87) Perylene-d12	24.79	264	837608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	911409	152.64	ng	0.00
7) Phenol-d6	7.17	99	1319579	153.23	ng	0.01
23) Nitrobenzene-d5	9.15	82	772815	88.63	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	573112	162.23	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1844720	87.45	ng	0.00
79) Terphenyl-d14	19.98	244	2874218	87.55	ng	0.00

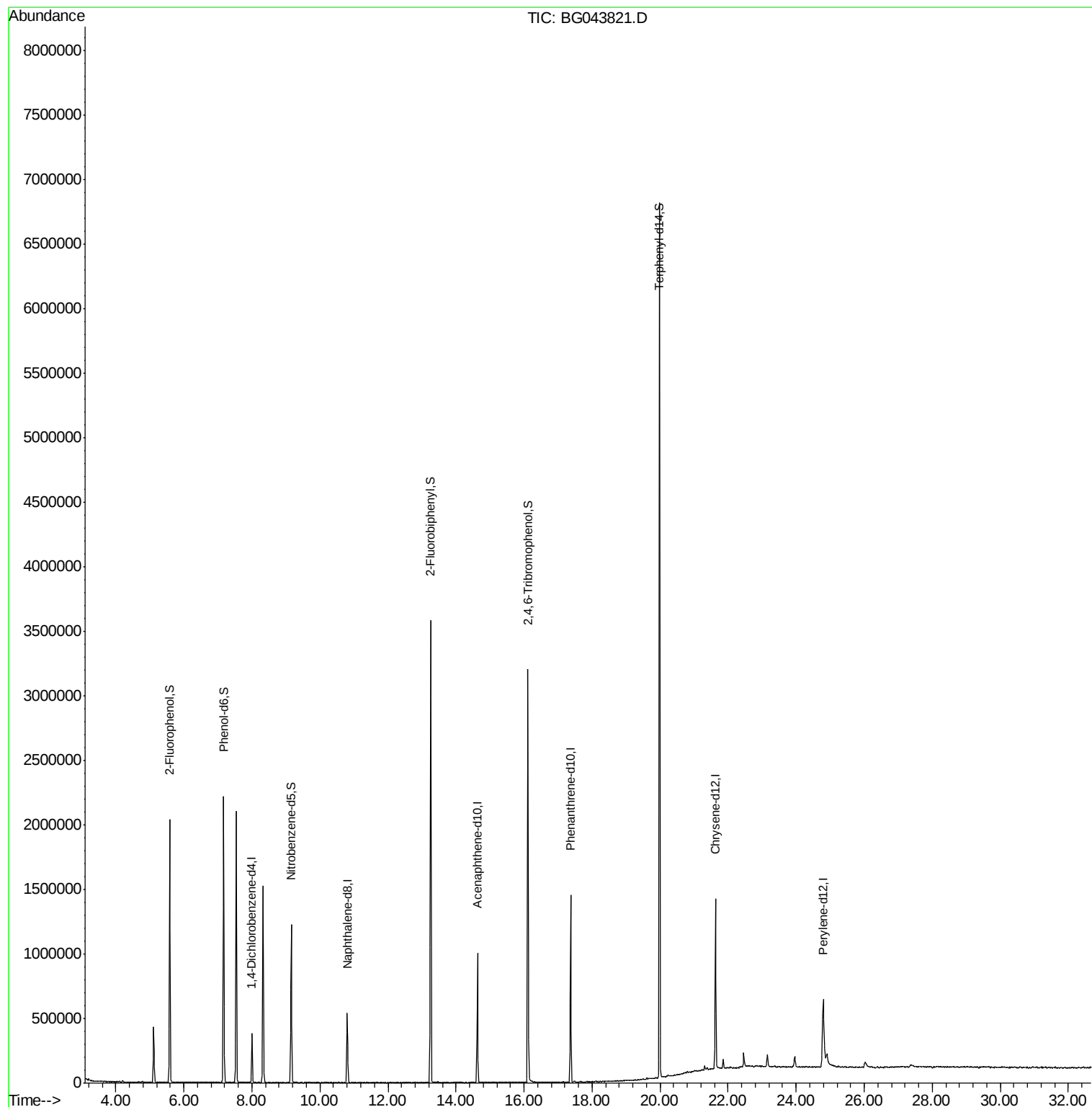
Target Compounds Qvalue

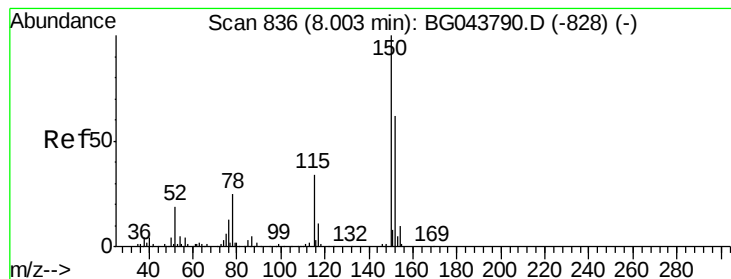
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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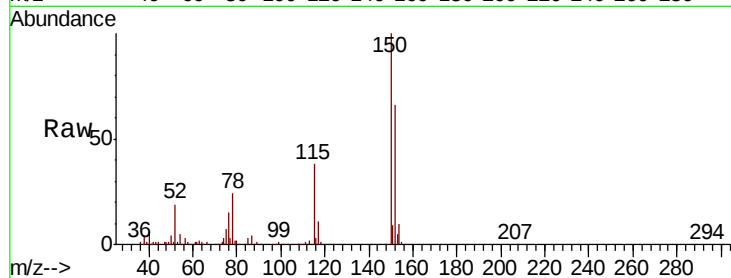


#1

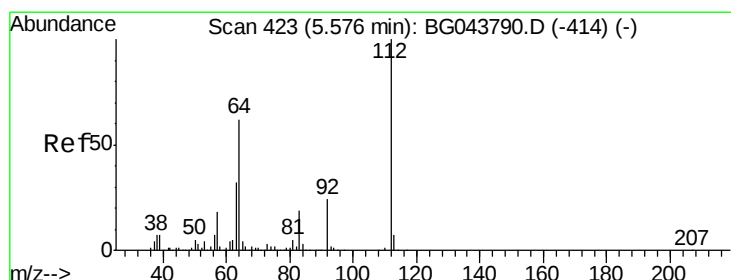
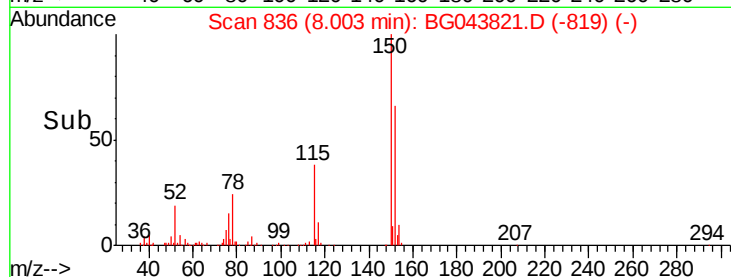
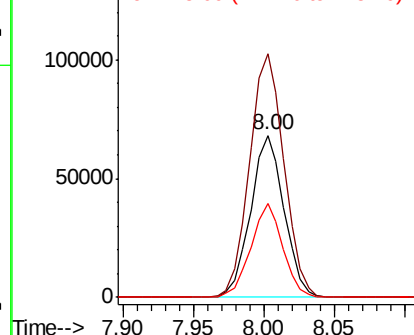
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043821.D
 Acq: 17 Dec 2019 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB125439BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	128.6	192.8
115	57.8	44.3	66.5



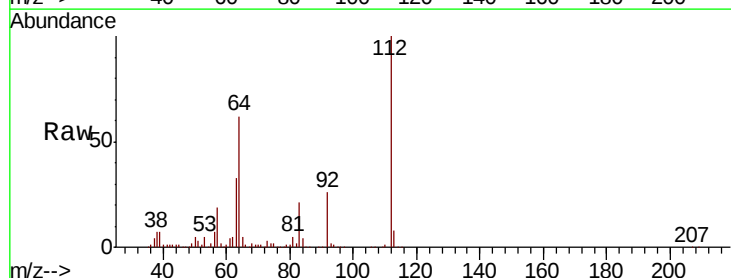
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



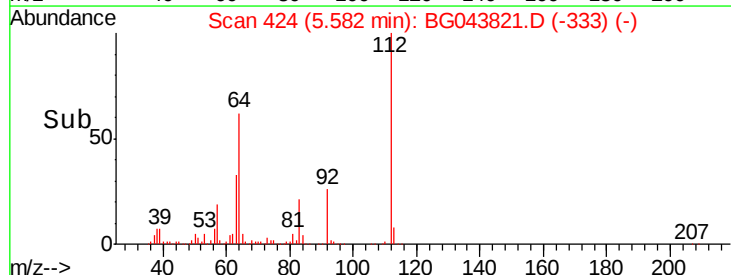
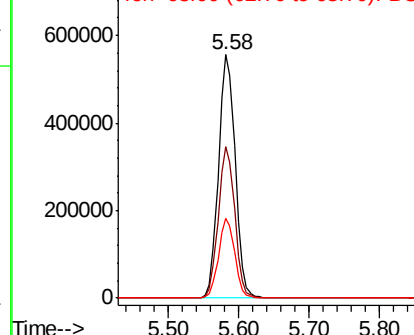
#5

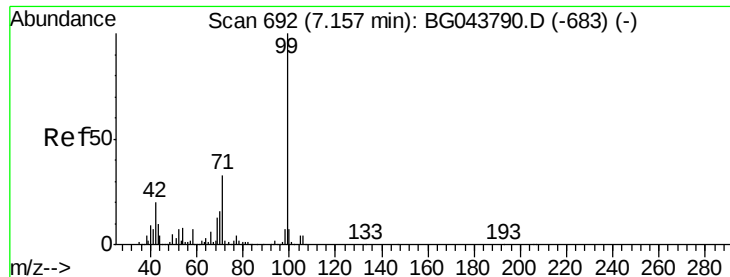
2-Fluorophenol
 Concen: 152.635 ng
 RT: 5.58 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: BG043821.D
 Acq: 17 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.9	74.9
63	32.7	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: 153.234 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043821.D

Acq: 17 Dec 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB125439BL

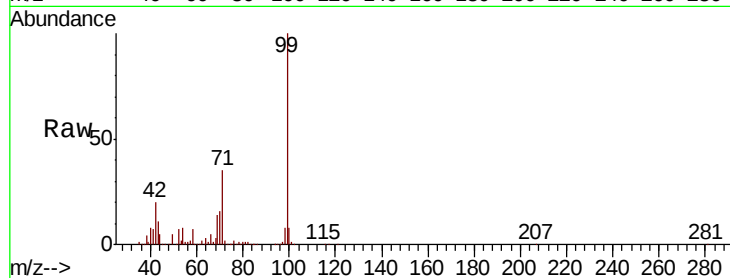
Tot Ion: 99 Resp: 1319579

Ion Ratio Lower Upper

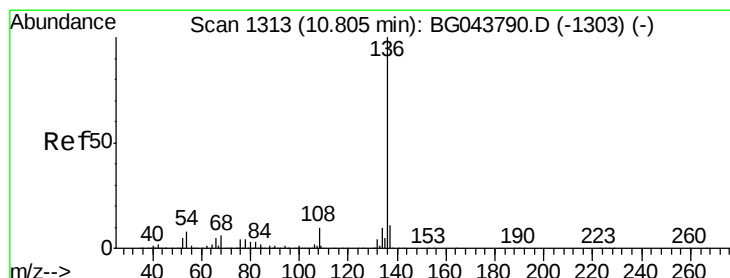
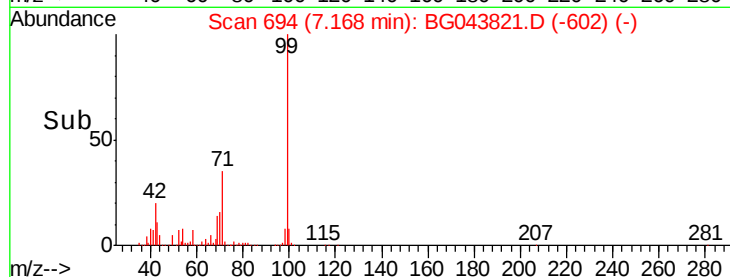
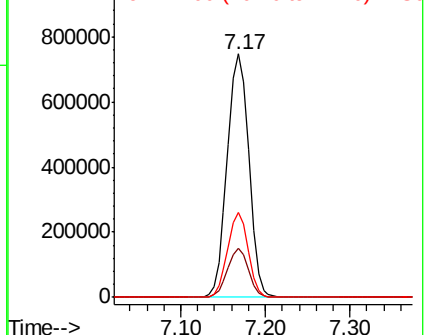
99 100

42 20.2 16.2 24.2

71 34.8 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: 10.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG043821.D

Acq: 17 Dec 2019 16:04

Tgt Ion: 136 Resp: 489581

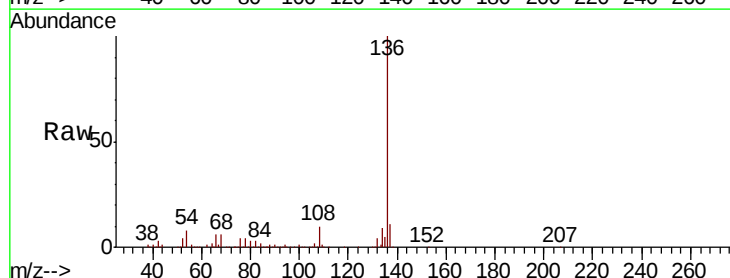
Ion Ratio Lower Upper

136 100

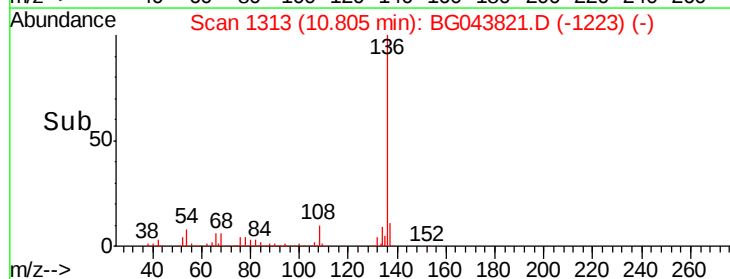
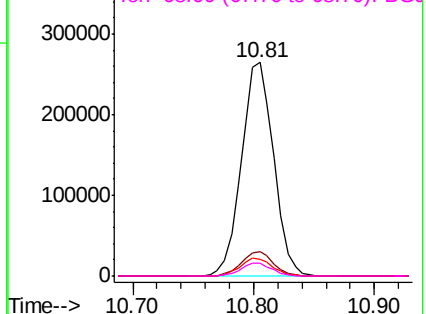
137 11.3 8.7 13.1

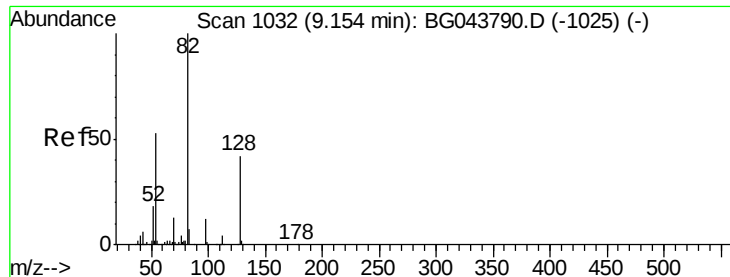
54 8.0 6.8 10.2

68 5.7 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

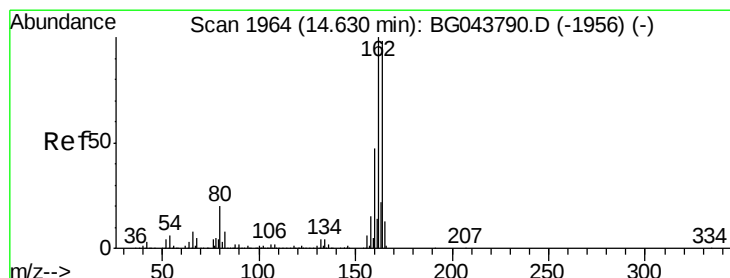
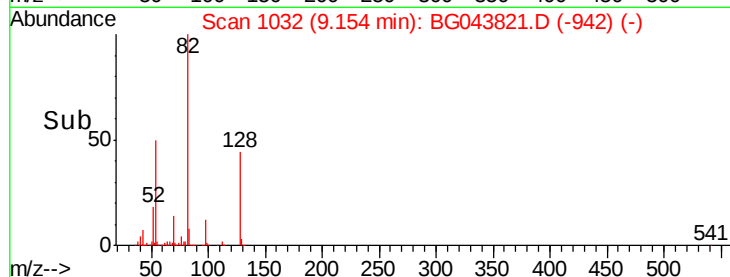
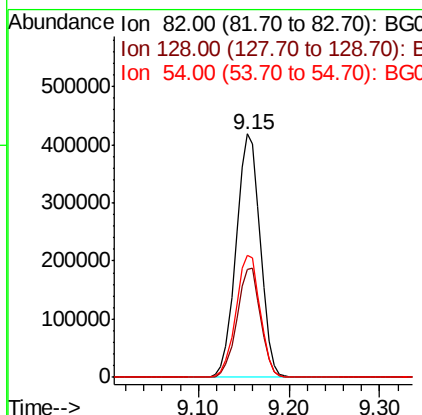
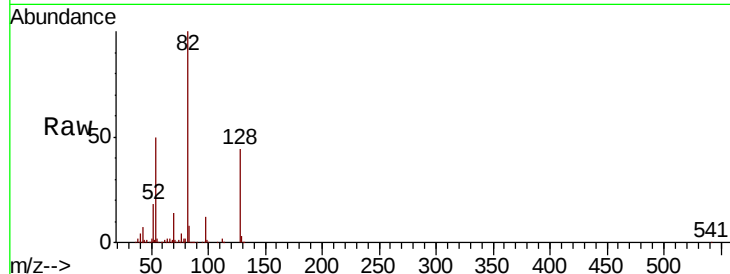




#23
Nitrobenzene-d5
Concen: 88.630 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043821.D
Acq: 17 Dec 2019 16:04

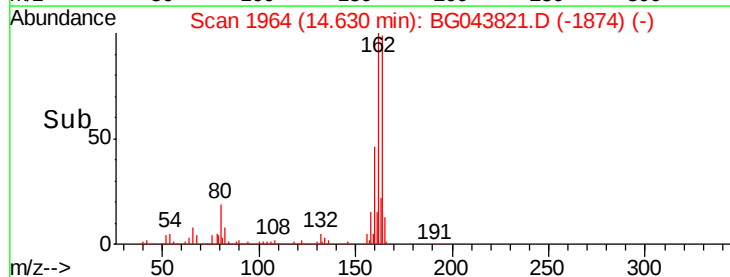
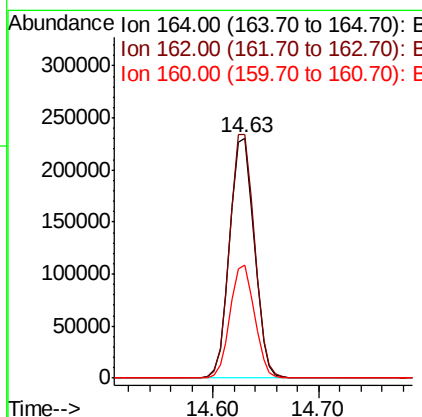
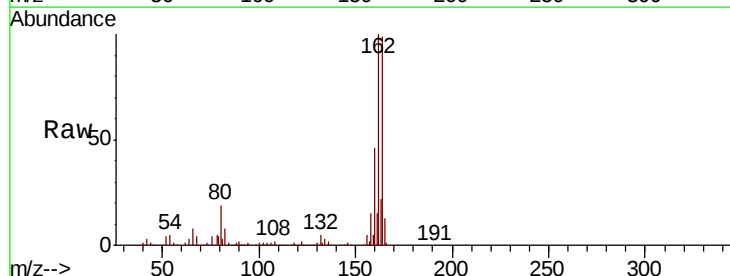
Instrument :
BNA_G
ClientSampleId :
PB125439BL

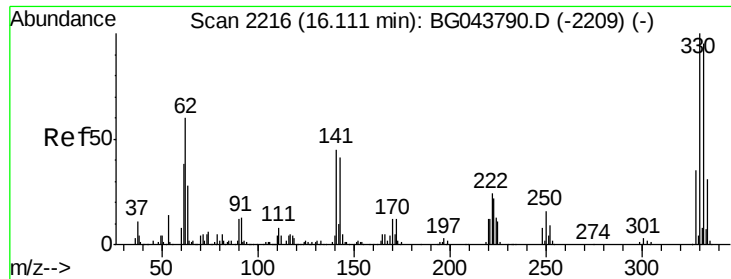
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	33.6	50.4
54	50.4	42.1	63.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043821.D
Acq: 17 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.9	122.9
160	46.9	38.3	57.5

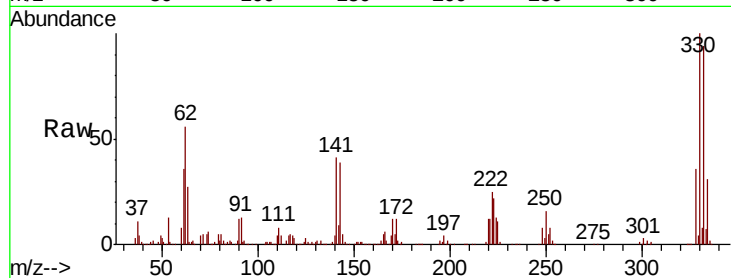




#42
 2,4,6-Tribromophenol
 Concen: 162.234 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG043821.D
 Acq: 17 Dec 2019 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB125439BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	40.8	33.8	50.8

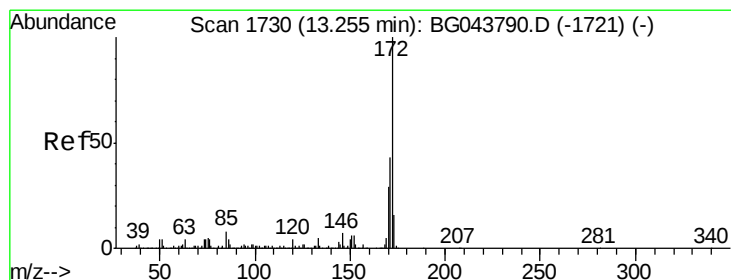
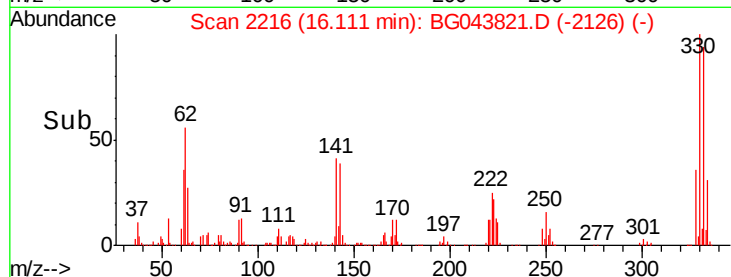
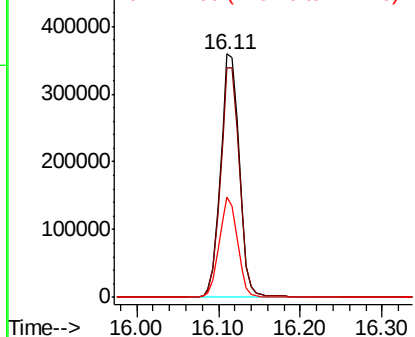


Abundance

Ion 329.80 (329.50 to 330.50): E

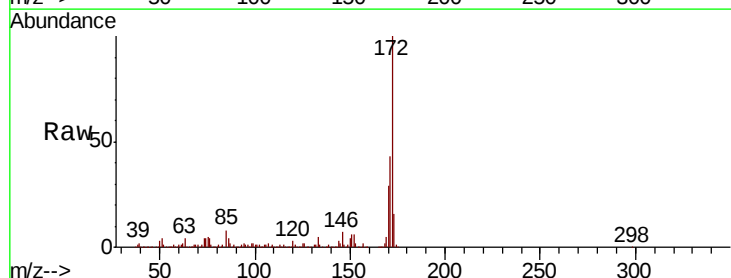
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.448 ng
 RT: 13.26 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG043821.D
 Acq: 17 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.9	34.6	51.8
170	29.3	23.3	34.9

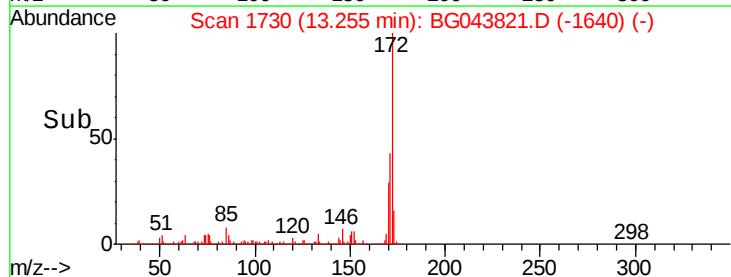
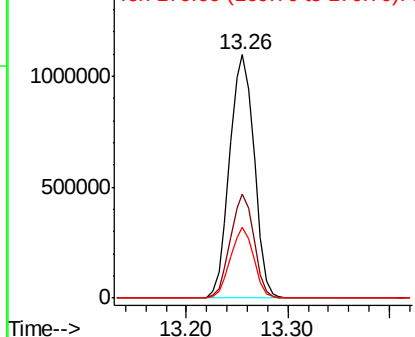


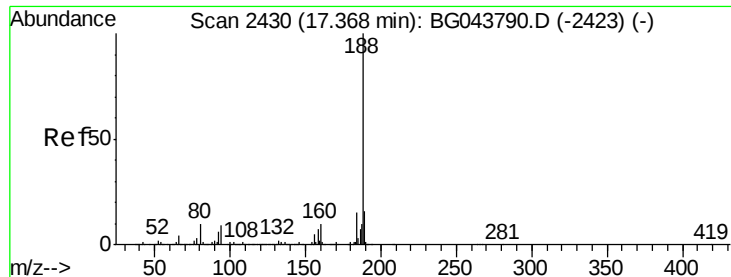
Abundance

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# 2430

Delta R.T. -0.00 min

Lab File: BG043821.D

Acq: 17 Dec 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB125439BL

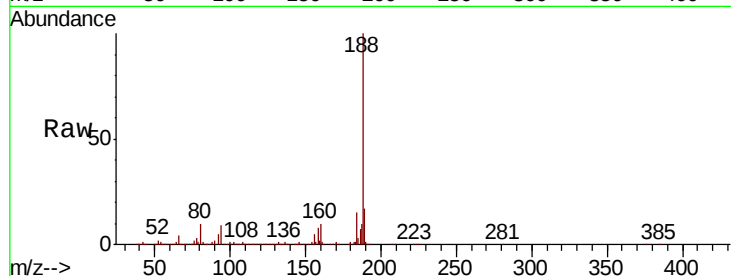
Tot Ion:188 Resp: 900706

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

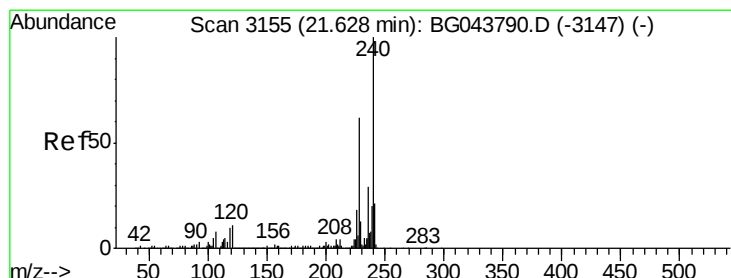
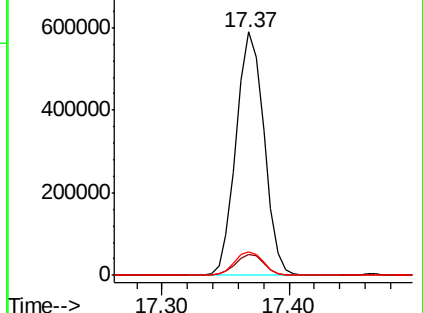
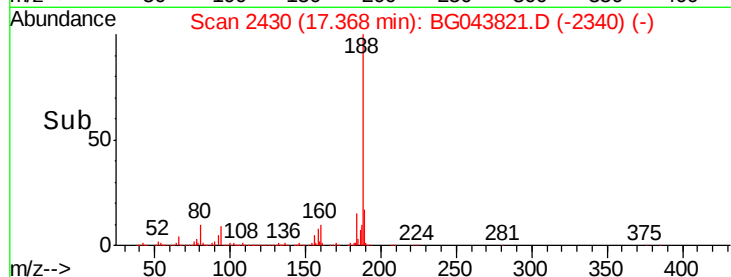
80 9.8 7.8 11.8



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: BG043821.D

Acq: 17 Dec 2019 16:04

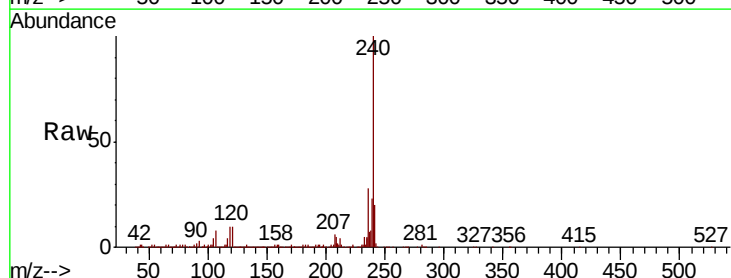
Tgt Ion:240 Resp: 789761

Ion Ratio Lower Upper

240 100

120 10.2 8.6 12.8

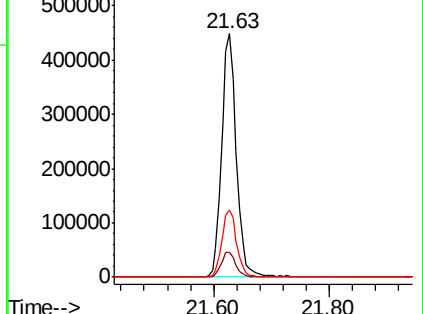
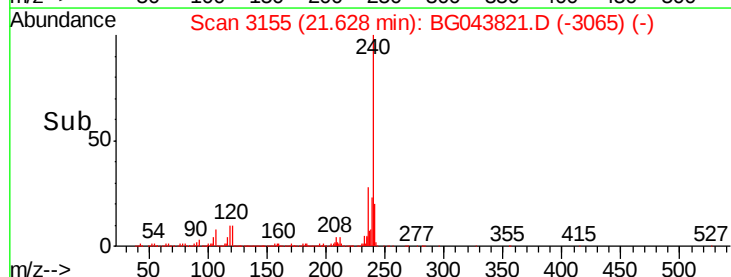
236 27.7 23.1 34.7

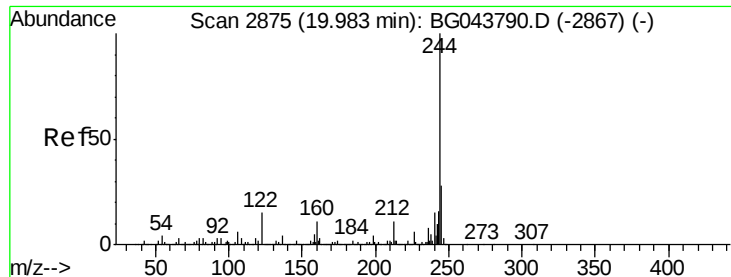


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.555 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043821.D

Acq: 17 Dec 2019 16:04

Instrument :

BNA_G

ClientSampleId :

PB125439BL

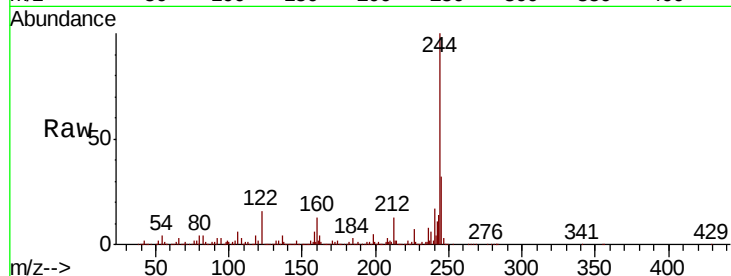
Tot Ion:244 Resp: 2874218

Ion Ratio Lower Upper

244 100

212 12.8 9.1 13.7

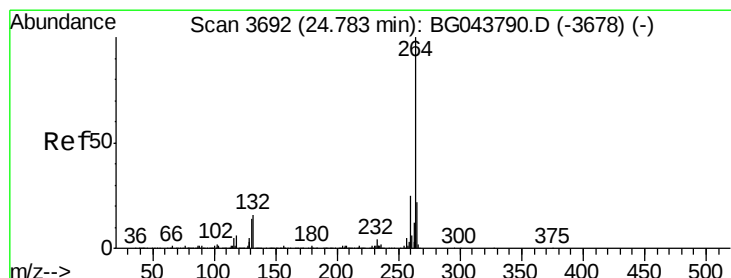
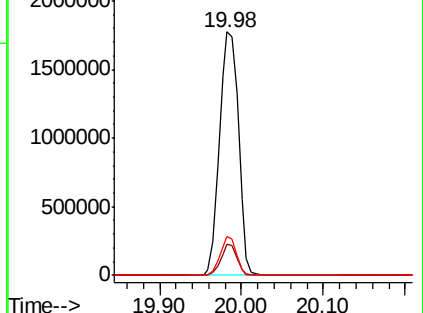
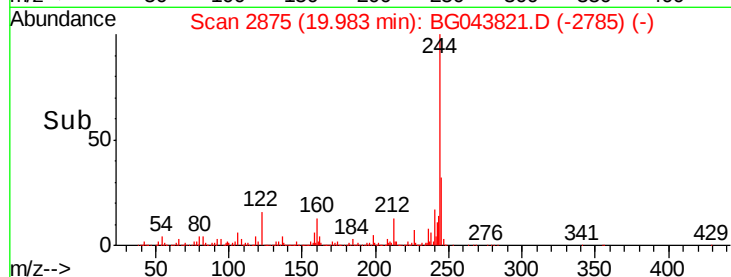
122 16.0 11.6 17.4



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# 3693

Delta R.T. 0.01 min

Lab File: BG043821.D

Acq: 17 Dec 2019 16:04

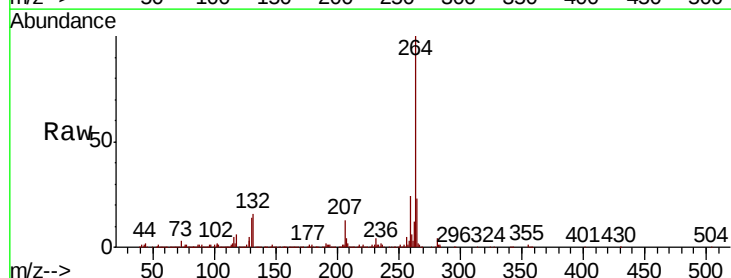
Tgt Ion:264 Resp: 837608

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 22.6 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

