

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043825.D
 Acq On : 17 Dec 2019 18:41
 Operator : JU
 Sample : PB125517TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125517TB

Quant Time: Dec 18 01:33:37 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	107807	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	472125	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	360514	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	889554	20.00	ng	0.00
76) Chrysene-d12	21.63	240	780519	20.00	ng	0.00
87) Perylene-d12	24.79	264	768445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	798515	140.34	ng	0.00
7) Phenol-d6	7.17	99	1171835	142.81	ng	0.00
23) Nitrobenzene-d5	9.15	82	673684	80.12	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	549142	159.78	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1658447	80.81	ng	0.00
79) Terphenyl-d14	19.99	244	2965968	91.42	ng	0.00

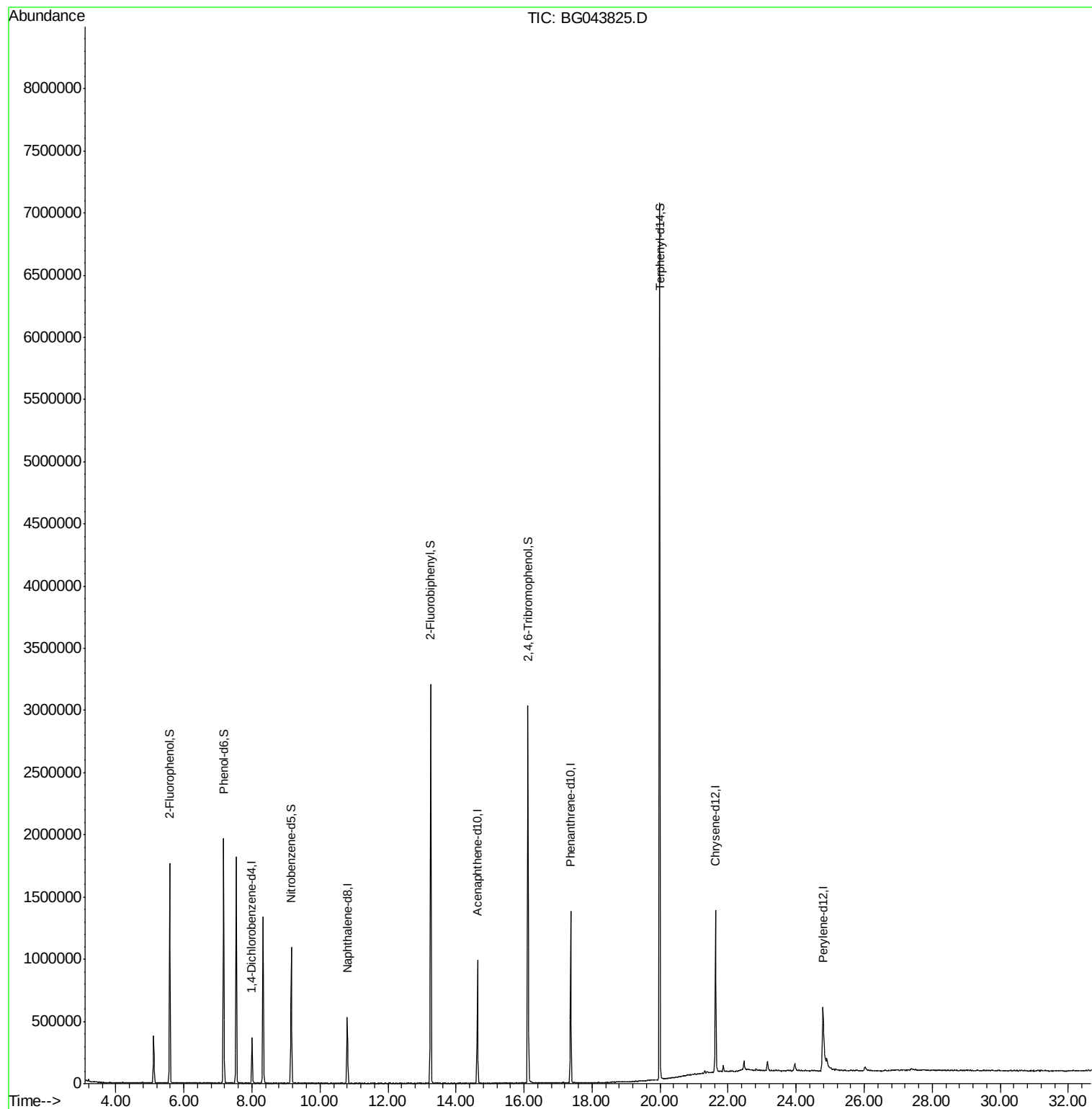
Target Compounds Qvalue

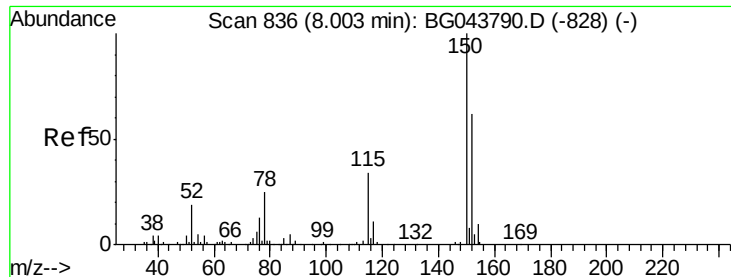
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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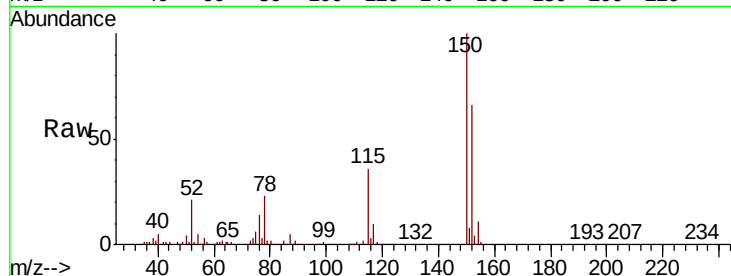


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Instrument :
BNA_G
ClientSampleId :
PB125517TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	128.6	192.8
115	54.8	44.3	66.5

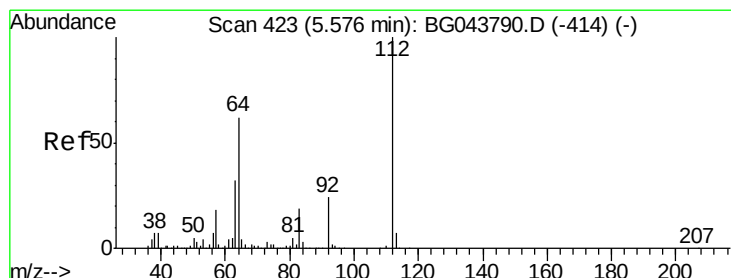
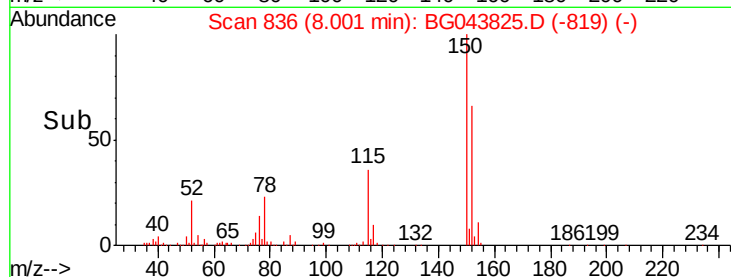
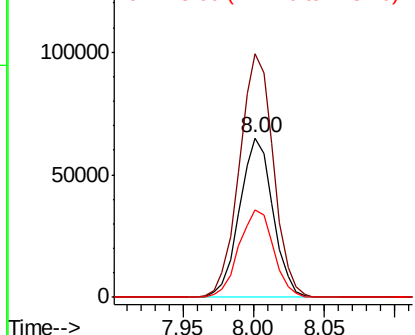


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

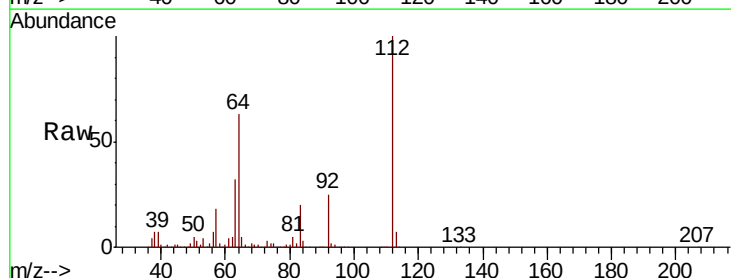
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.340 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.9	74.9
63	32.4	26.0	39.0

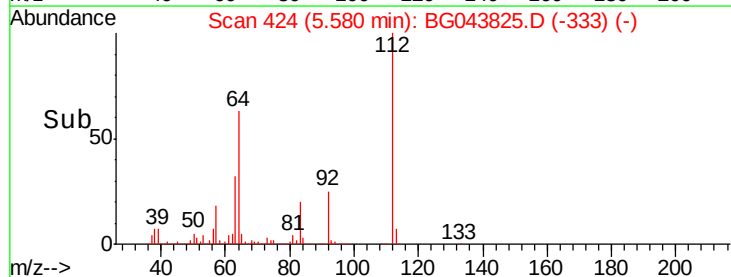
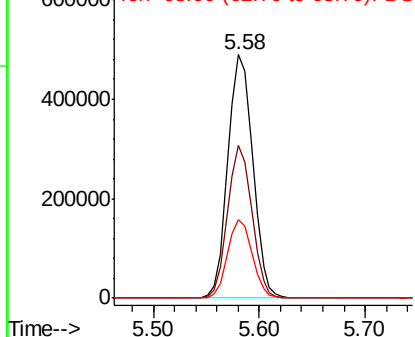


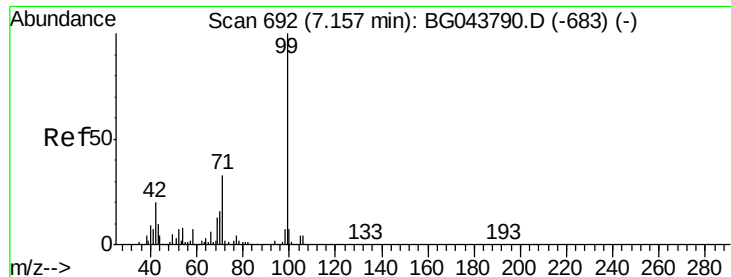
Abundance

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: 142.805 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043825.D

Acq: 17 Dec 2019 18:41

Instrument :

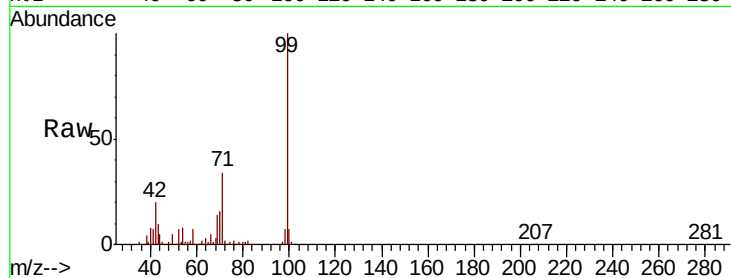
BNA_G

ClientSampleId :

PB125517TB

Tot Ion: 99 Resp: 1171835

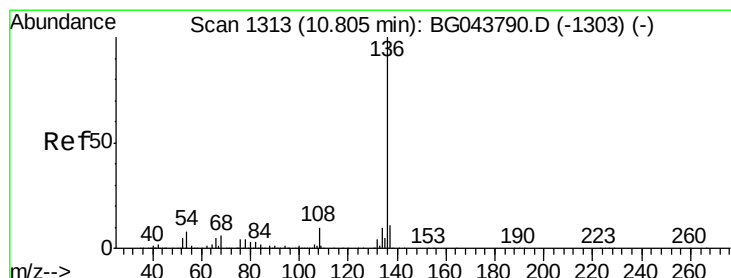
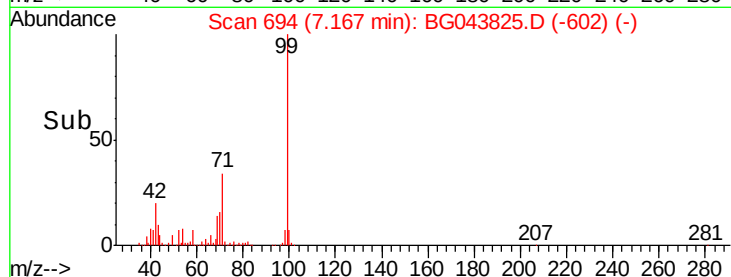
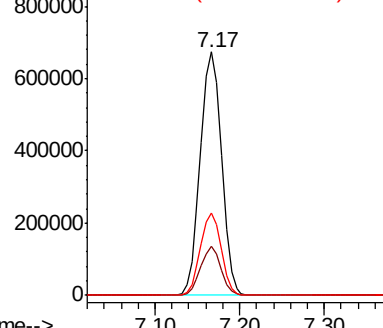
Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.2	24.2
71	33.7	26.6	40.0



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

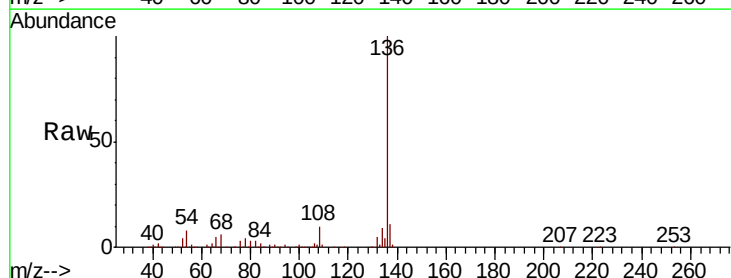
Delta R.T. -0.00 min

Lab File: BG043825.D

Acq: 17 Dec 2019 18:41

Tgt Ion: 136 Resp: 472125

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.3	6.8	10.2
68	6.1	5.0	7.4

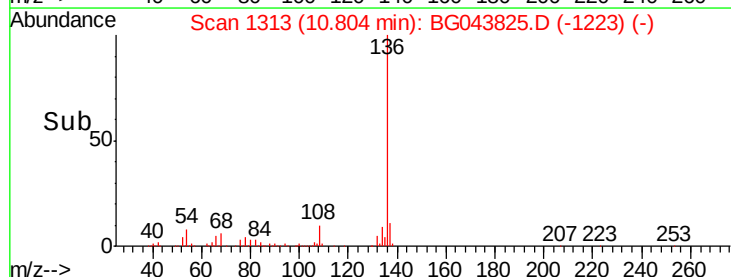
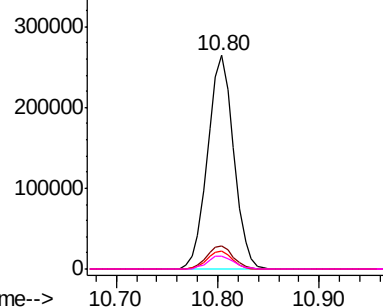


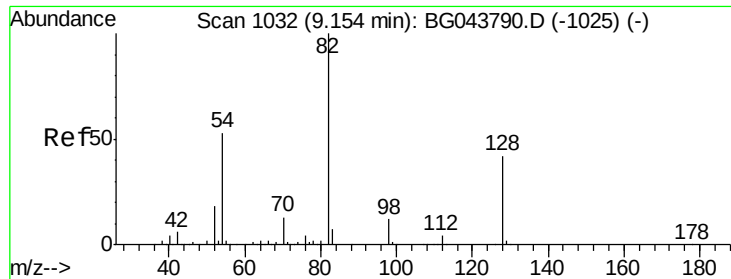
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

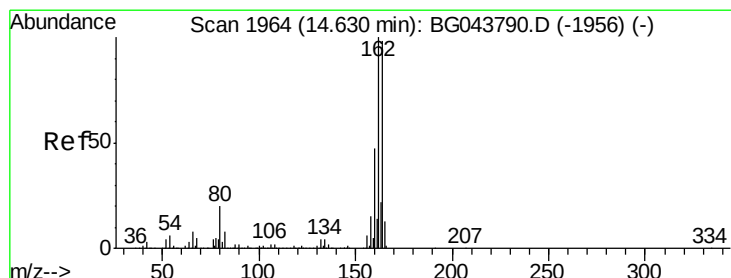
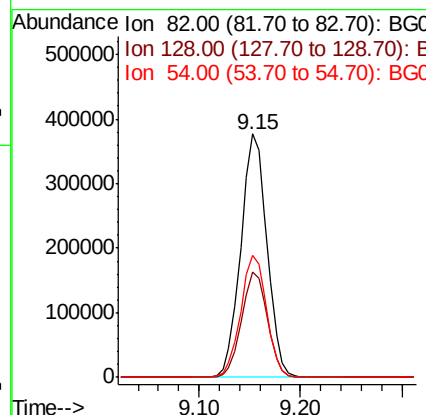
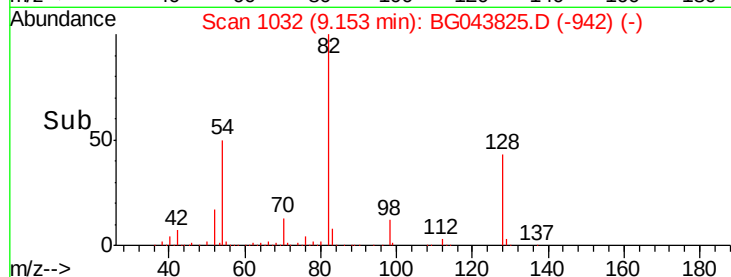
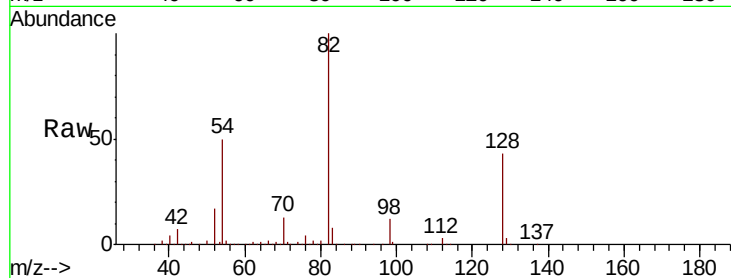




#23
Nitrobenzene-d5
Concen: 80.117 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

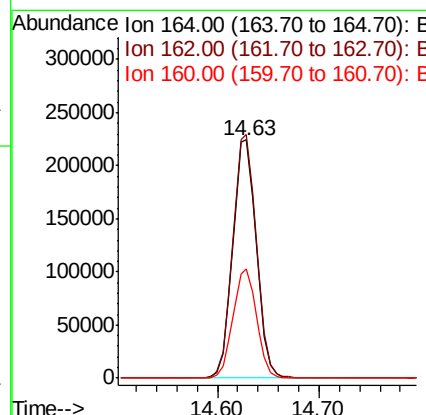
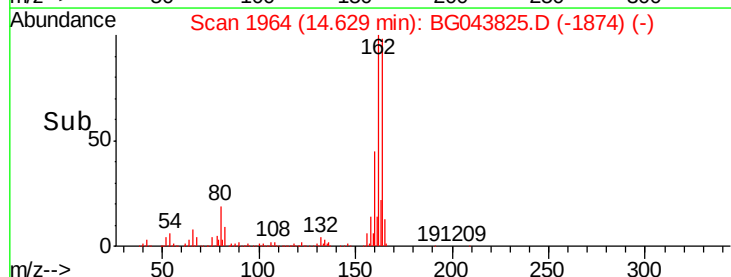
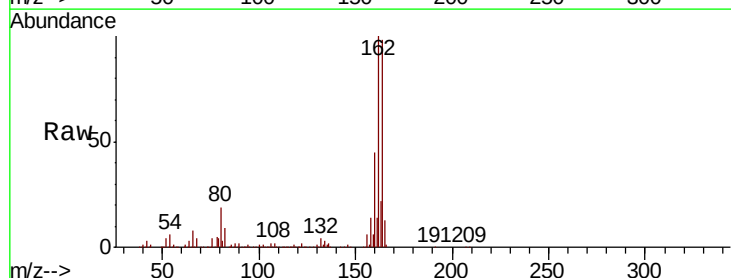
Instrument :
BNA_G
ClientSampleId :
PB125517TB

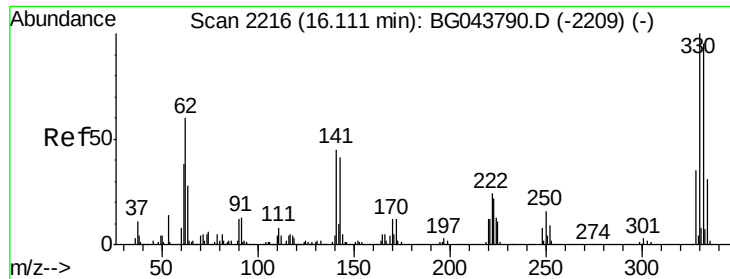
Tot Ion	82	Resp	673684
Ion Ratio	Lower	Upper	
82	100		
128	43.4	33.6	50.4
54	50.2	42.1	63.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Tgt Ion	164	Resp	360514
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.9	122.9
160	46.0	38.3	57.5

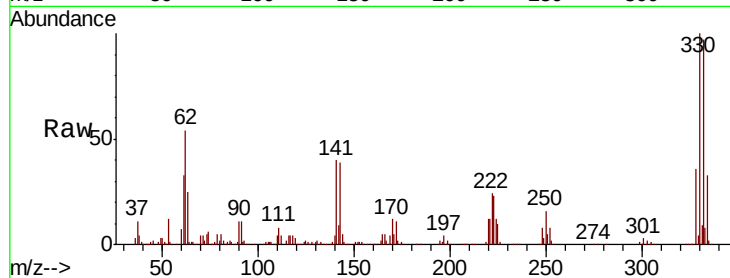




#42
 2,4,6-Tribromophenol
 Concen: 159.775 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG043825.D
 Acq: 17 Dec 2019 18:41

Instrument :
 BNA_G
 ClientSampleId :
 PB125517TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	41.3	33.8	50.8

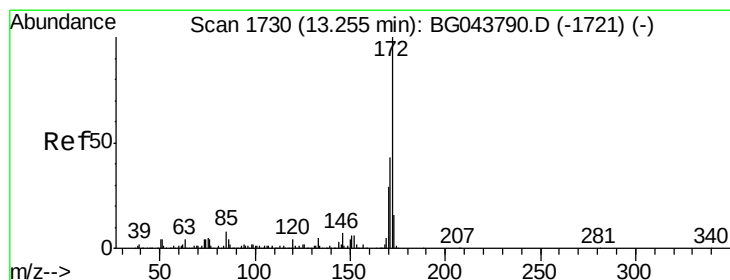
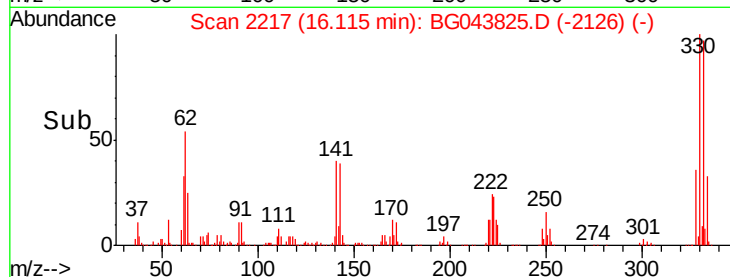
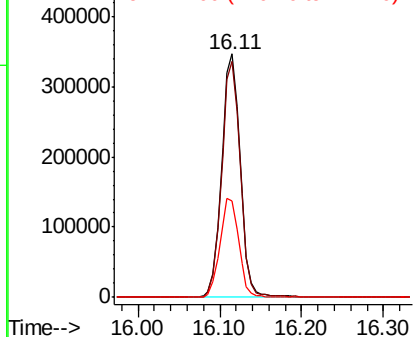


Abundance

Ion 329.80 (329.50 to 330.50): E

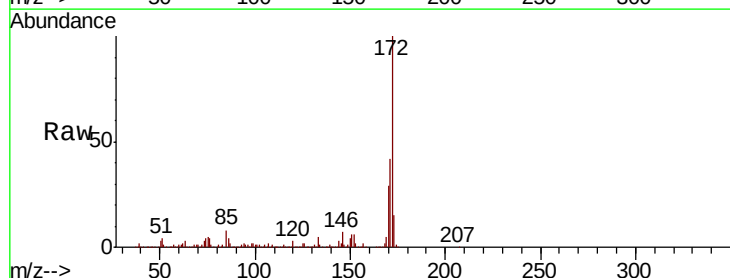
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.806 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG043825.D
 Acq: 17 Dec 2019 18:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.9	34.6	51.8
170	28.6	23.3	34.9

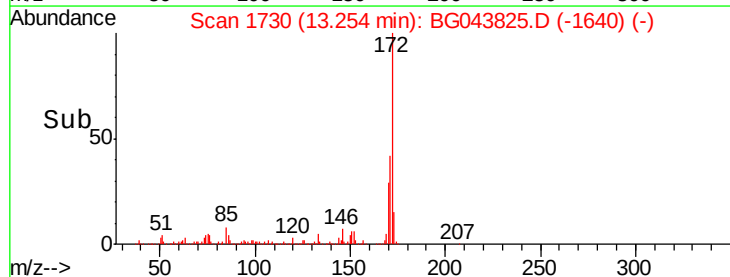
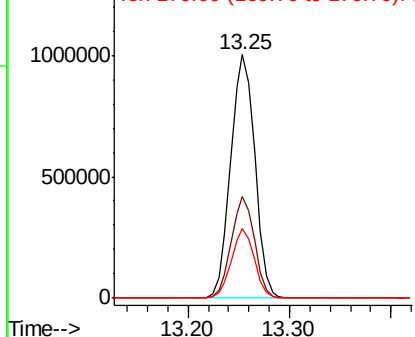


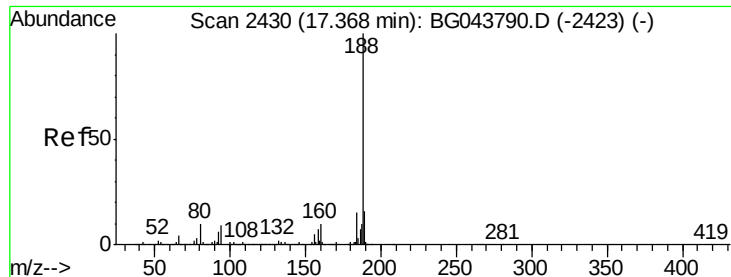
Abundance

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: BG043825.D

Acq: 17 Dec 2019 18:41

Instrument :

BNA_G

ClientSampleId :

PB125517TB

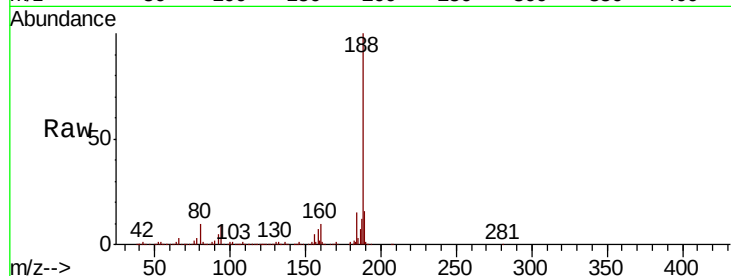
Tot Ion:188 Resp: 889554

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

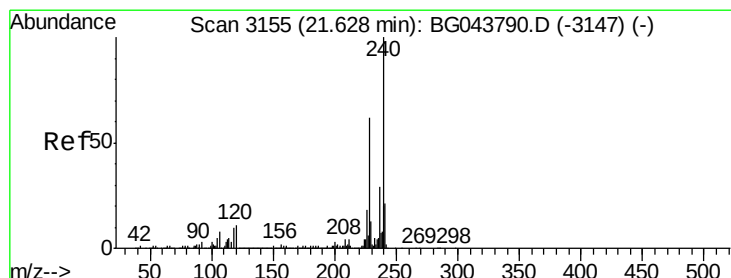
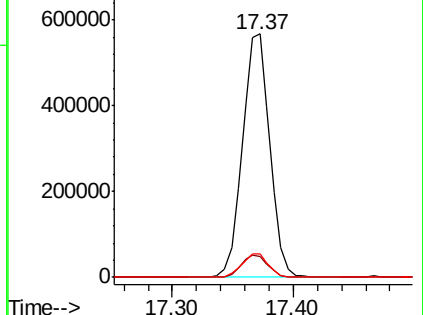
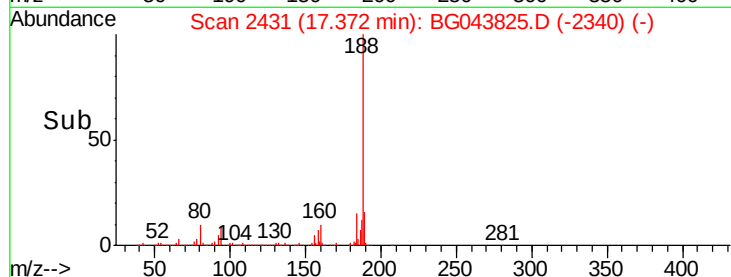
80 9.5 7.8 11.8



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: BG043825.D

Acq: 17 Dec 2019 18:41

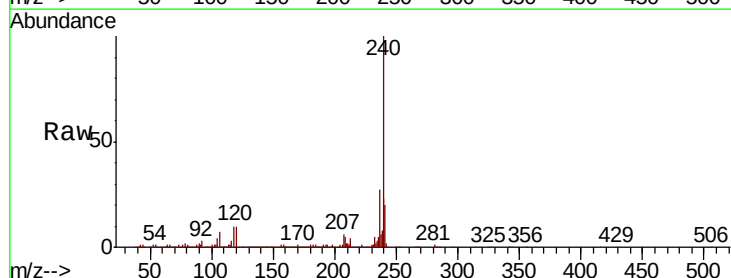
Tgt Ion:240 Resp: 780519

Ion Ratio Lower Upper

240 100

120 9.9 8.6 12.8

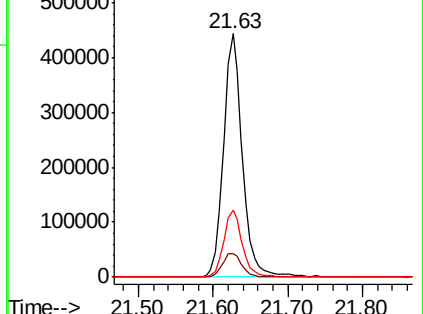
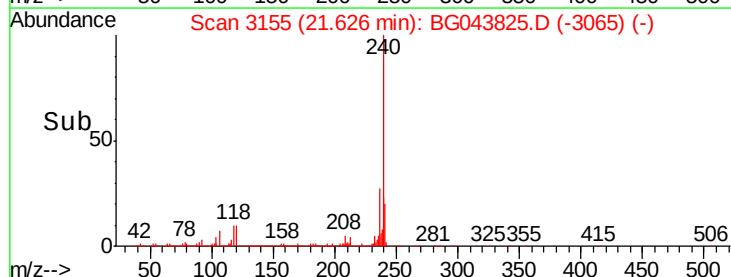
236 27.3 23.1 34.7

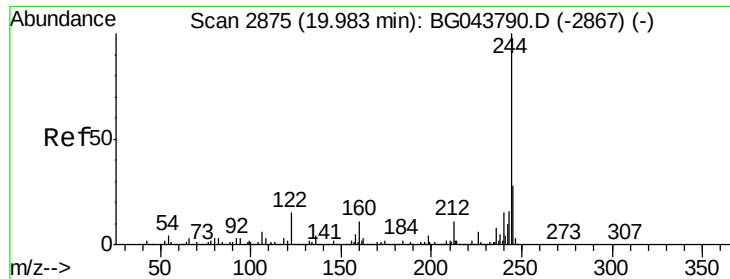


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



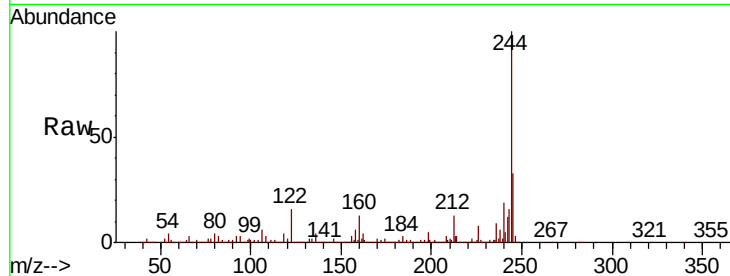


#79
 Terphenyl-d14
 Concen: 91.419 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BG043825.D
 Acq: 17 Dec 2019 18:41

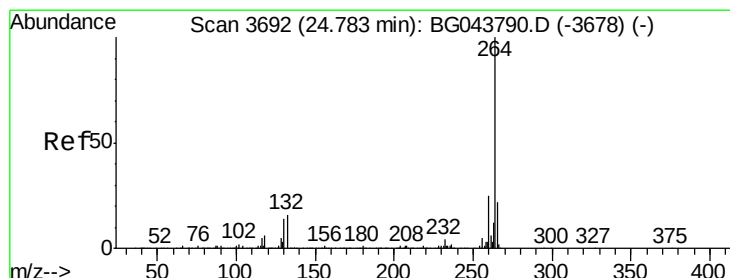
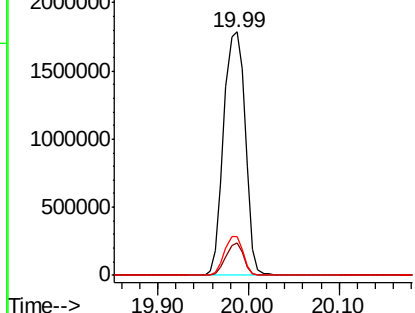
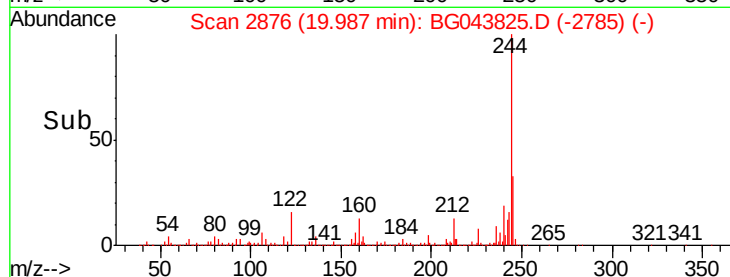
Instrument :
 BNA_G
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Tot Ion:244 Resp: 2965968

Ion	Ratio	Lower	Upper
244	100		
212	13.4	9.1	13.7
122	15.9	11.6	17.4



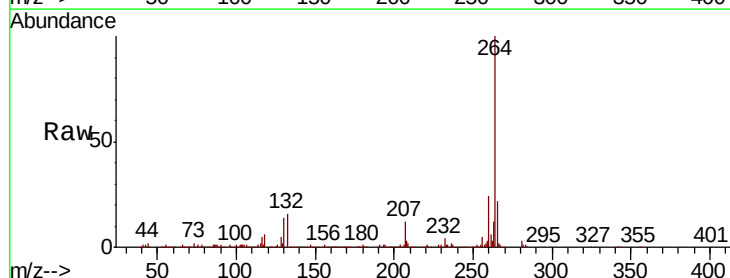
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.79 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: BG043825.D
 Acq: 17 Dec 2019 18:41

Tgt Ion:264 Resp: 768445

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.8	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

