

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046634.D
 Acq On : 15 Sep 2020 21:28
 Operator : CG/JU
 Sample : L4013-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B40-091420-0-10

Quant Time: Sep 16 00:58:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	68345	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	275344	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	195313	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	465433	20.00	ng	0.00
76) Chrysene-d12	21.54	240	503493	20.00	ng	0.00
86) Perylene-d12	24.63	264	485348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	477029	123.62	ng	0.00
7) Phenol-d6	7.10	99	575057	105.13	ng	0.00
23) Nitrobenzene-d5	9.08	82	465621	96.65	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	308249	116.48	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1215755	95.02	ng	0.00
79) Terphenyl-d14	19.91	244	1947556	82.32	ng	0.00

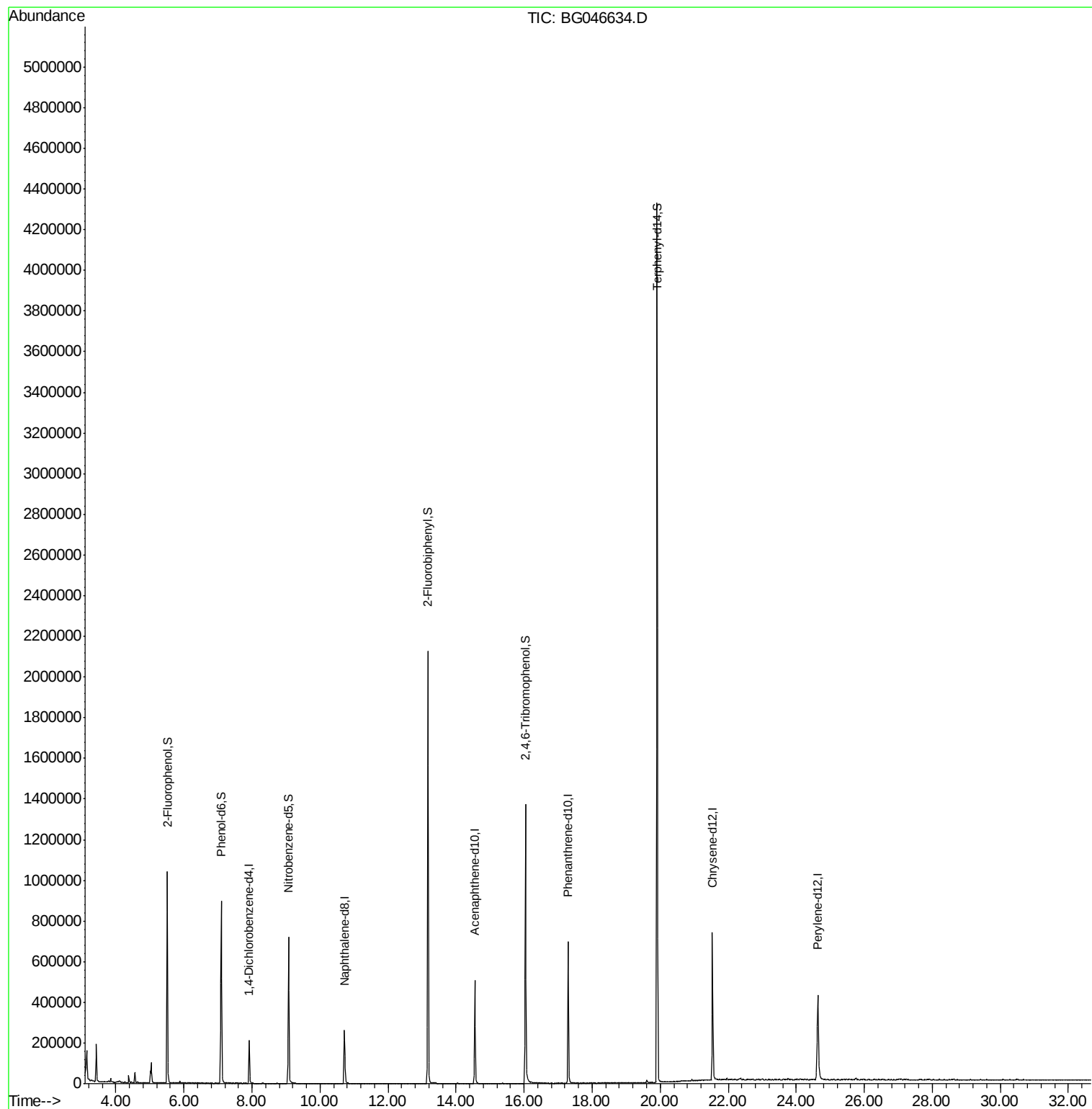
Target Compounds Qvalue

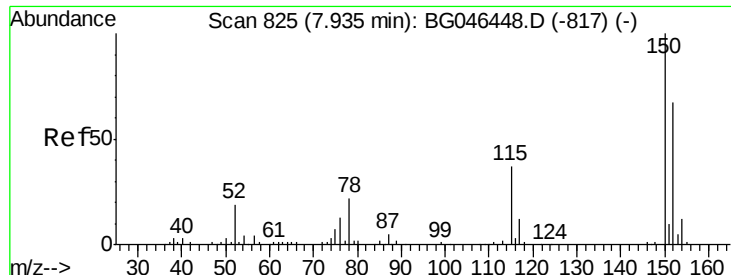
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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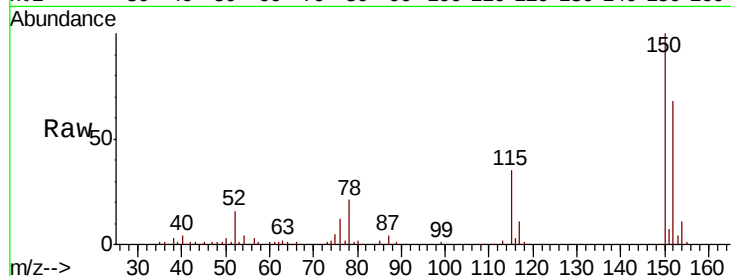


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Instrument :
BNA_G
ClientSampleId :
PAV-B40-091420-0-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	119.5	179.3
115	50.8	44.3	66.5

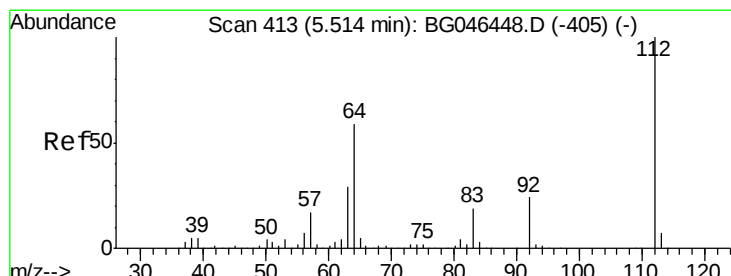
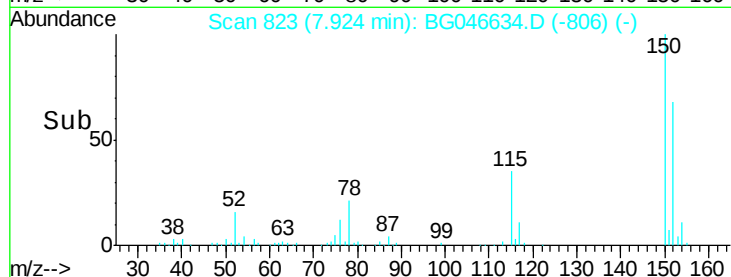
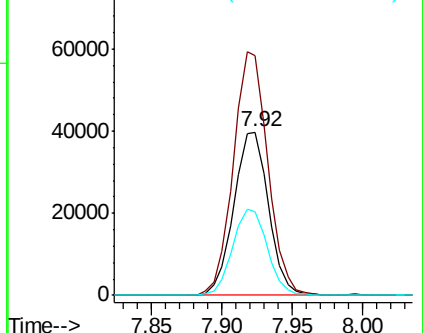


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

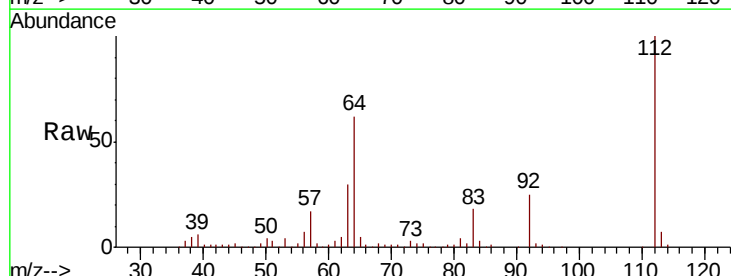
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.624 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.0	70.6
63	30.2	23.5	35.3

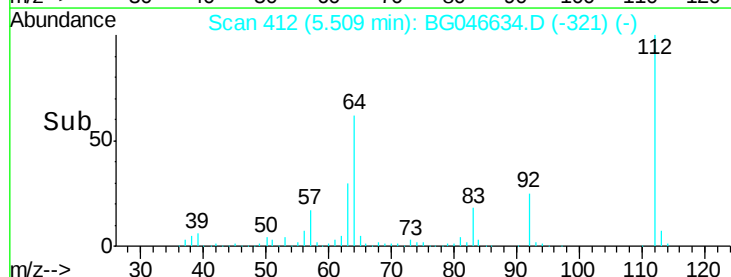
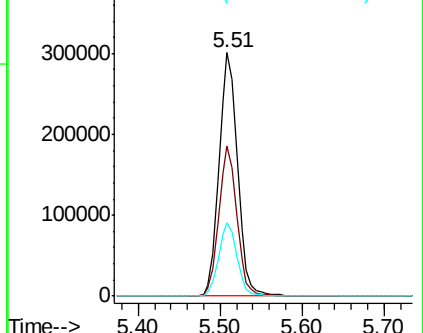


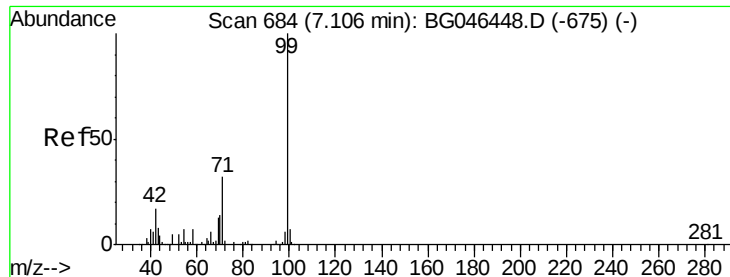
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 105.127 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046634.D

Acq: 15 Sep 2020 21:28

Instrument :

BNA_G

ClientSampleId :

PAV-B40-091420-0-10

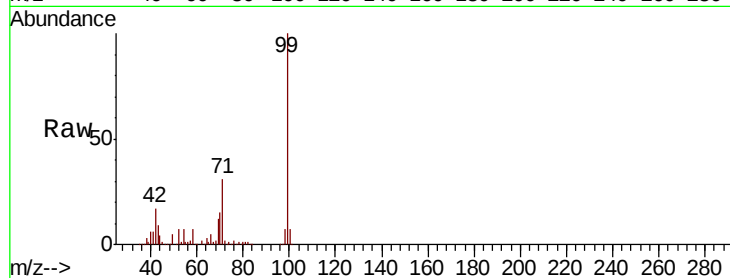
Tot Ion: 99 Resp: 575057

Ion Ratio Lower Upper

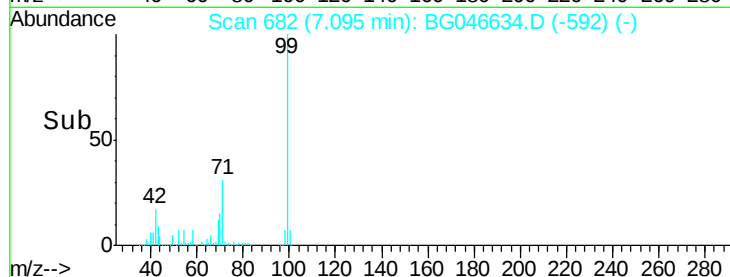
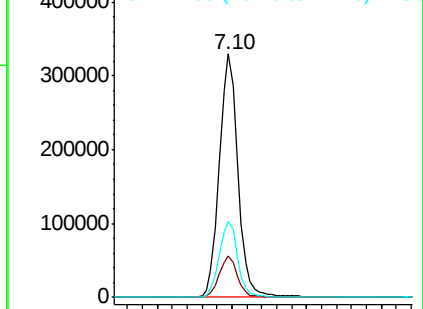
99 100

42 17.1 13.3 19.9

71 31.1 25.3 37.9



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: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG046634.D

Acq: 15 Sep 2020 21:28

Tgt Ion: 136 Resp: 275344

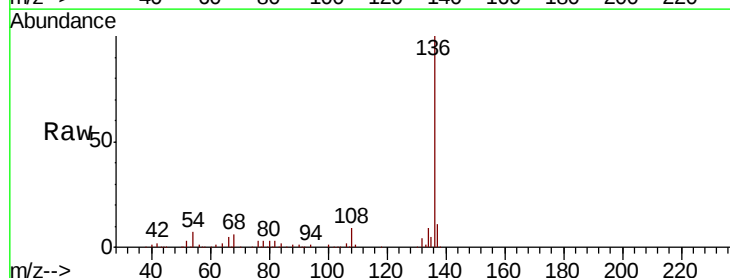
Ion Ratio Lower Upper

136 100

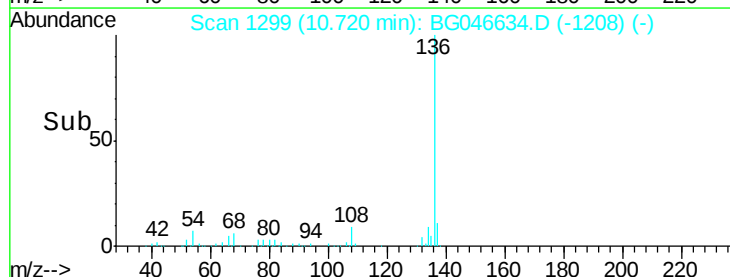
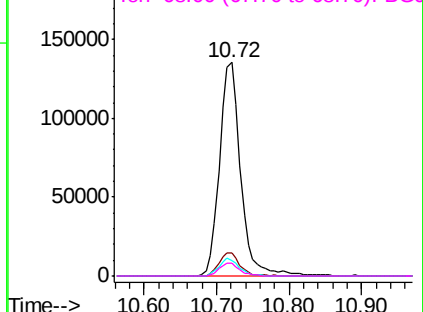
137 10.7 8.8 13.2

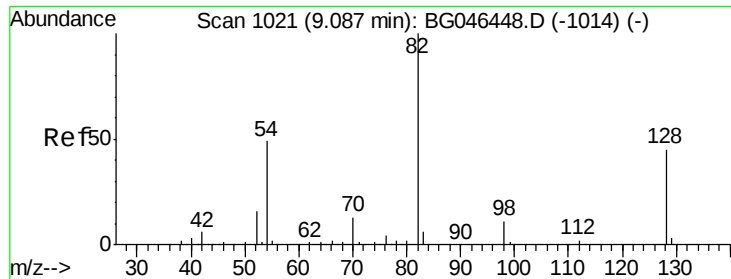
54 7.1 6.1 9.1

68 6.3 4.8 7.2



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

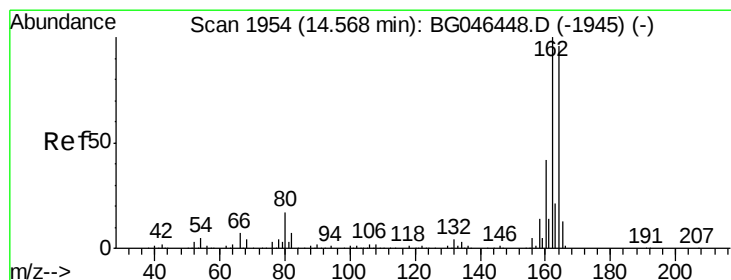
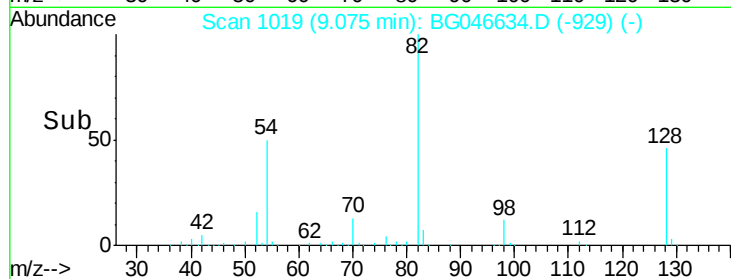
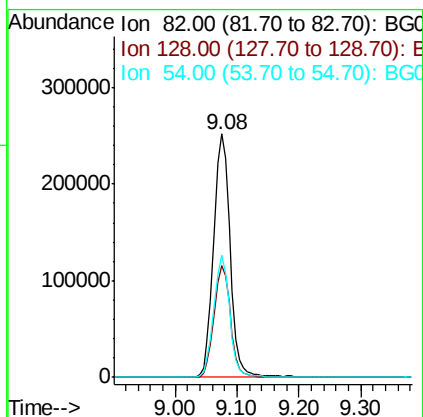
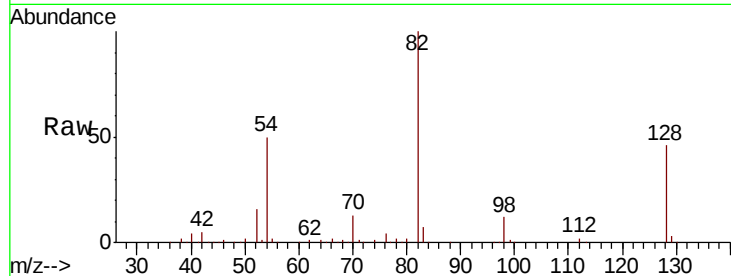




#23
Nitrobenzene-d5
Concen: 96.652 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

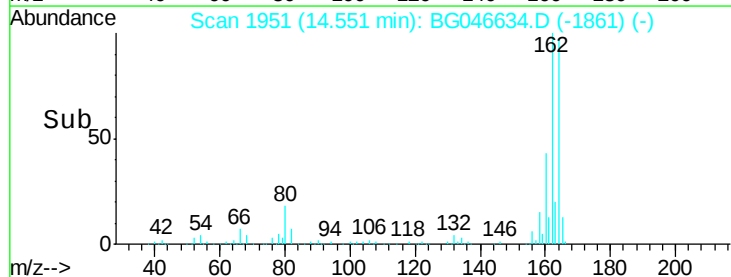
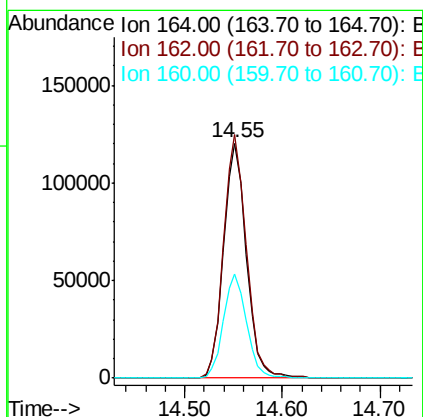
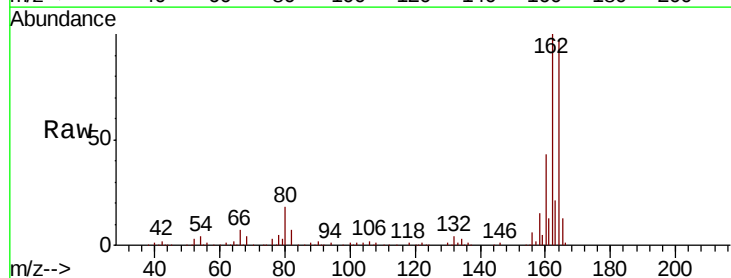
Instrument :
BNA_G
ClientSampleId :
PAV-B40-091420-0-10

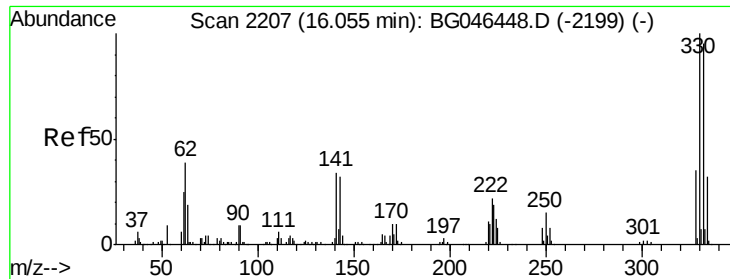
Tot Ion: 82 Resp: 465621
Ion Ratio Lower Upper
82 100
128 46.1 35.7 53.5
54 50.1 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Tgt Ion: 164 Resp: 195313
Ion Ratio Lower Upper
164 100
162 103.5 83.3 124.9
160 44.4 35.0 52.6

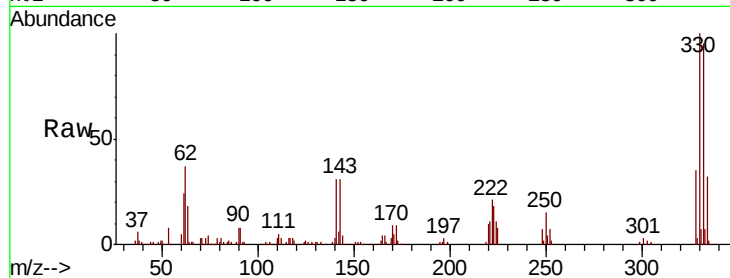




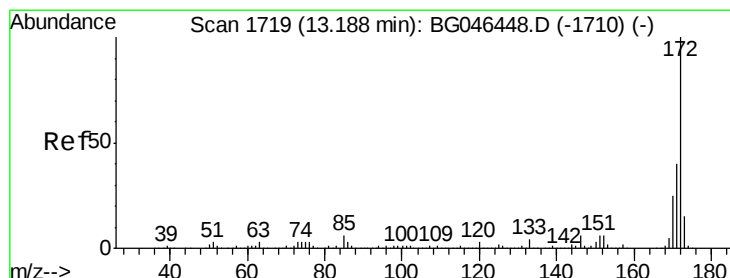
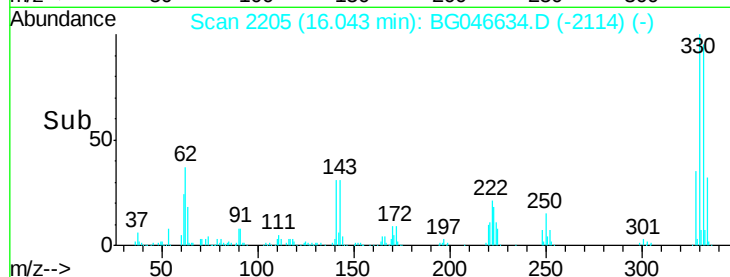
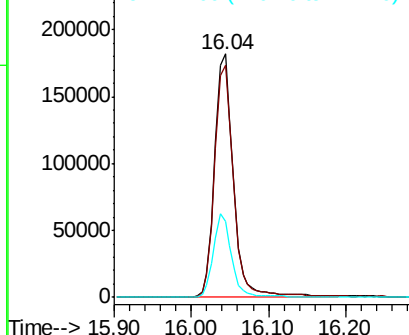
#42
 2,4,6-Tribromophenol
 Concen: 116.481 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BG046634.D
 Acq: 15 Sep 2020 21:28

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B40-091420-0-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	33.4	26.1	39.1

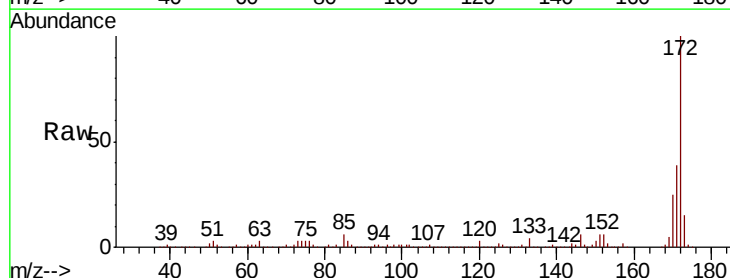


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

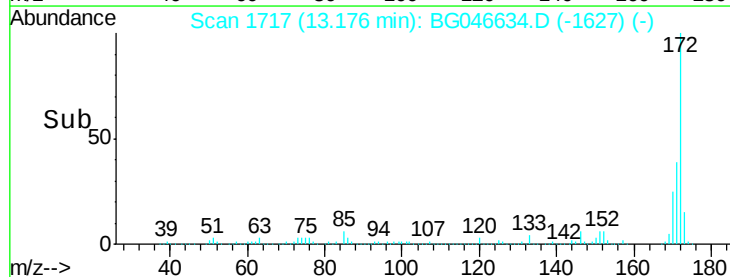
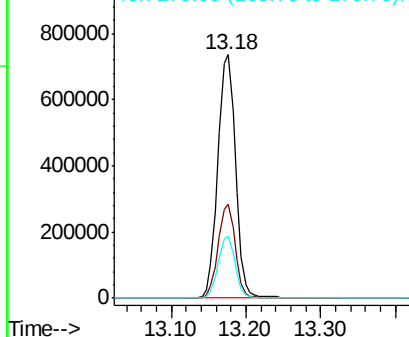


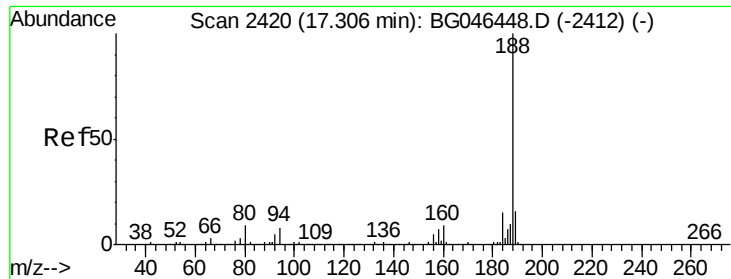
#45
 2-Fluorobiphenyl
 Concen: 95.023 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG046634.D
 Acq: 15 Sep 2020 21:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.8	47.6
170	25.4	20.3	30.5



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

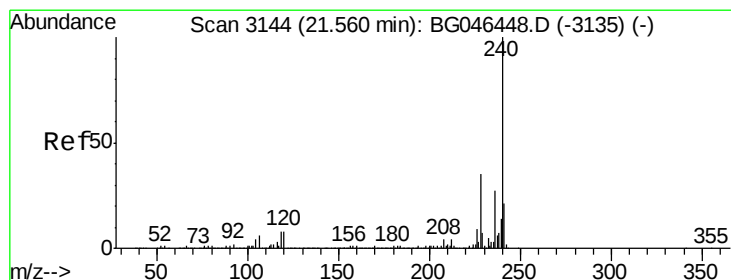
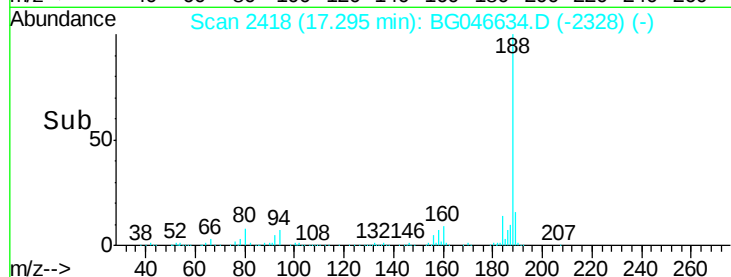
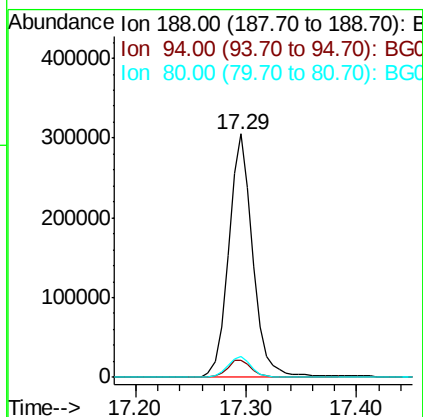
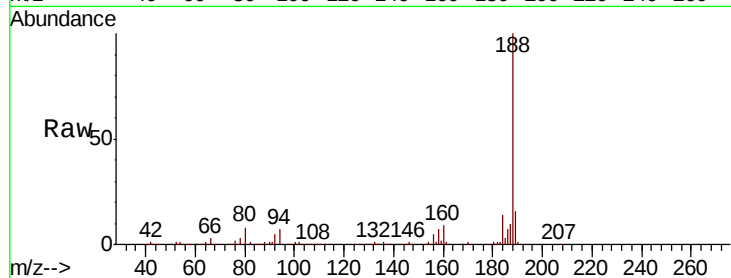




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

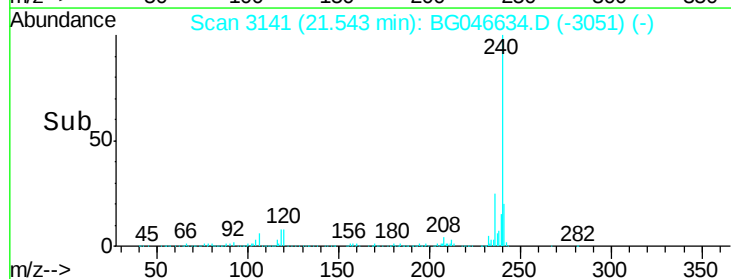
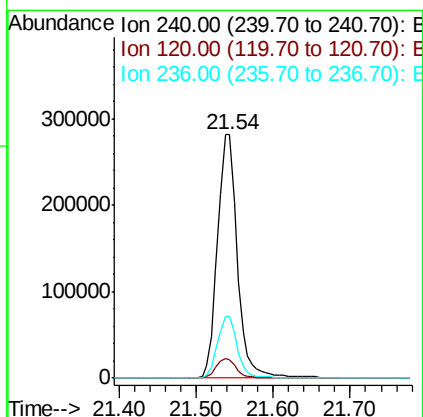
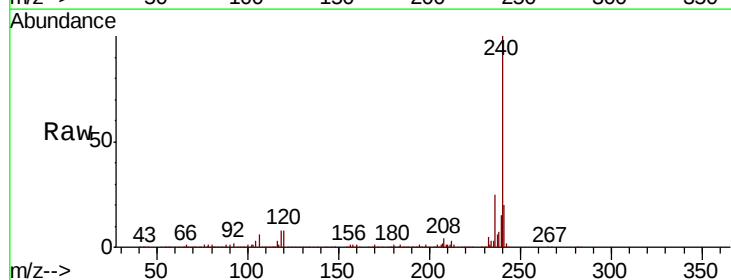
Instrument :
BNA_G
ClientSampleId :
PAV-B40-091420-0-10

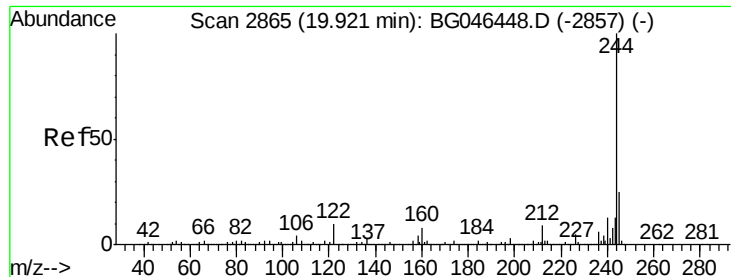
Tot Ion:188 Resp: 465433
Ion Ratio Lower Upper
188 100
94 7.0 6.3 9.5
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046634.D
Acq: 15 Sep 2020 21:28

Tgt Ion:240 Resp: 503493
Ion Ratio Lower Upper
240 100
120 7.8 6.6 10.0
236 25.4 21.4 32.2





#79

Terphenyl-d14

Concen: 82.320 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046634.D

Acq: 15 Sep 2020 21:28

Instrument :

BNA_G

ClientSampleId :

PAV-B40-091420-0-10

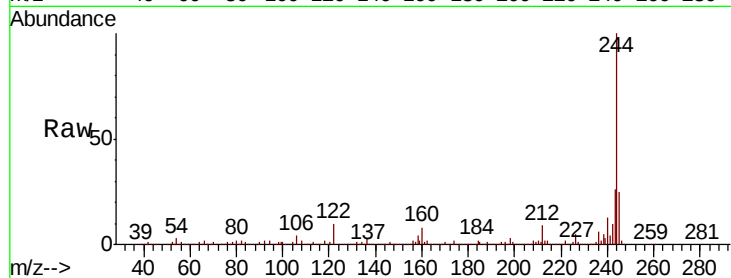
Tot Ion:244 Resp: 1947556

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

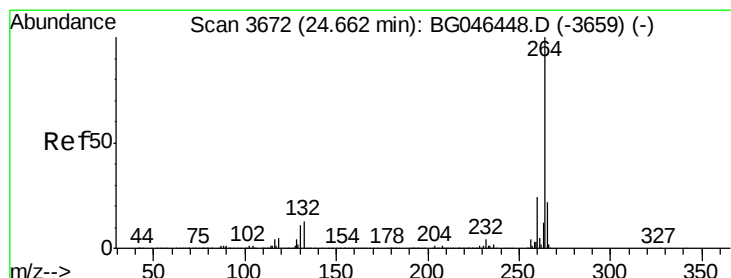
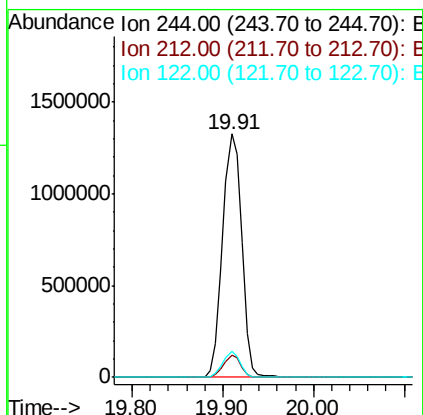
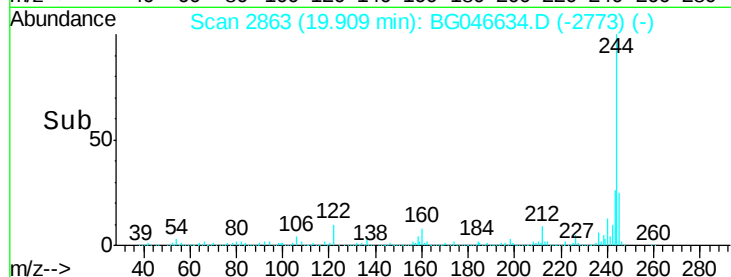
122 10.5 8.2 12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG046634.D

Acq: 15 Sep 2020 21:28

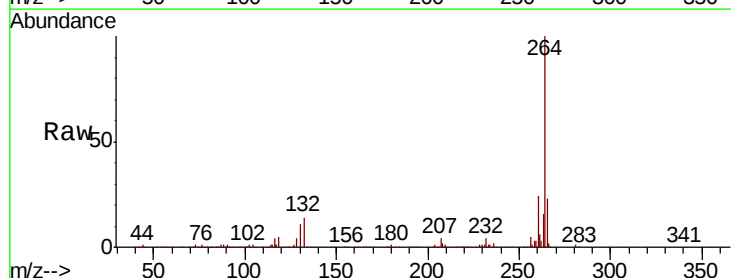
Tgt Ion:264 Resp: 485348

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.7 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

