

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046652.D
 Acq On : 16 Sep 2020 22:42
 Operator : CG/JU
 Sample : L4015-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-5W-(A-D-0-4)

Quant Time: Sep 17 01:08:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 11:07:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	68096	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	281496	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	195895	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	445395	20.00	ng	0.00
76) Chrysene-d12	21.54	240	470244	20.00	ng	0.00
86) Perylene-d12	24.64	264	461152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	456557	118.75	ng	0.00
7) Phenol-d6	7.09	99	543867	99.79	ng	0.00
23) Nitrobenzene-d5	9.07	82	451773	91.73	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	293132	110.44	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1153547	89.89	ng	0.00
79) Terphenyl-d14	19.91	244	1782347	80.66	ng	0.00

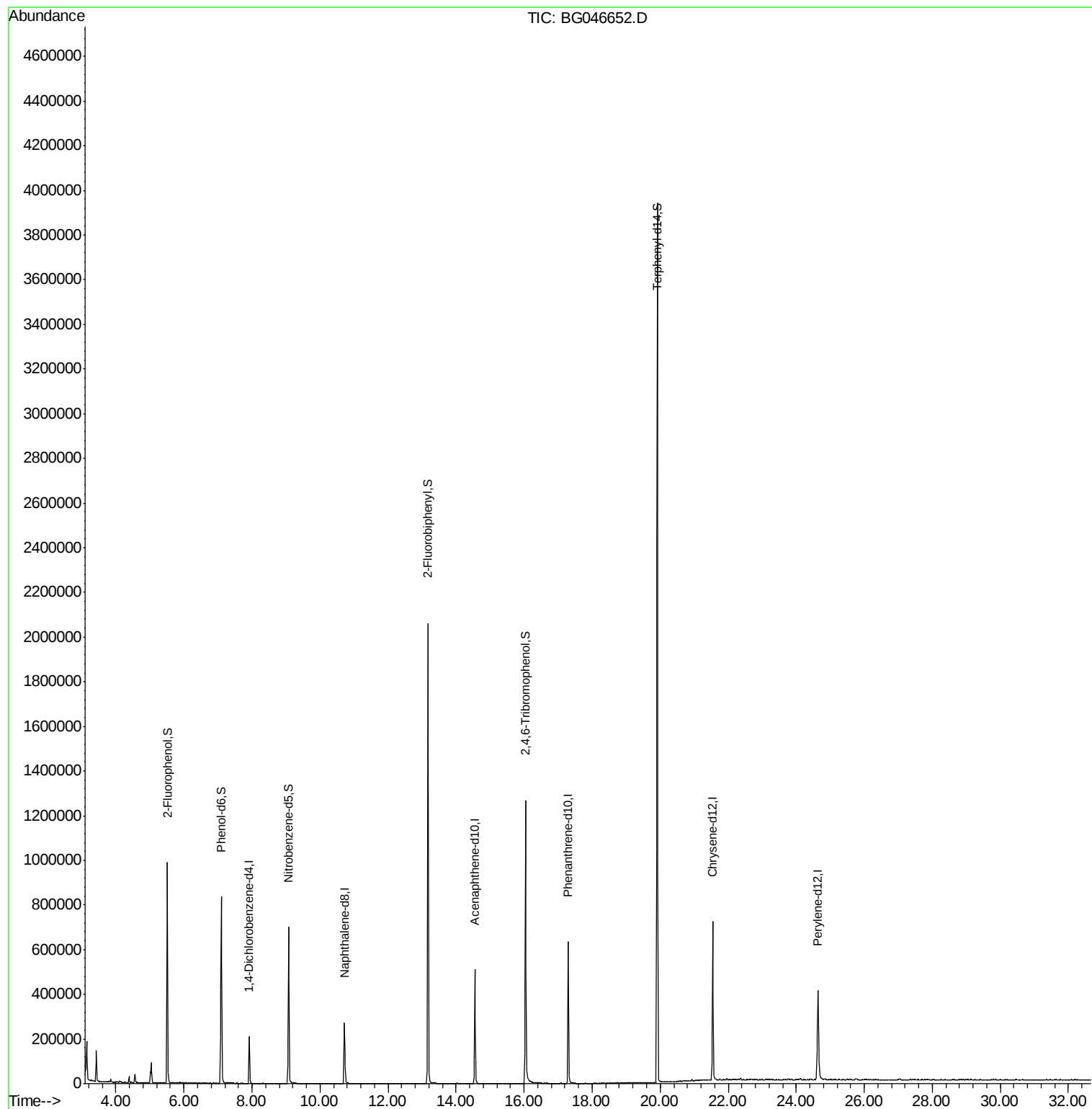
Target Compounds Qvalue

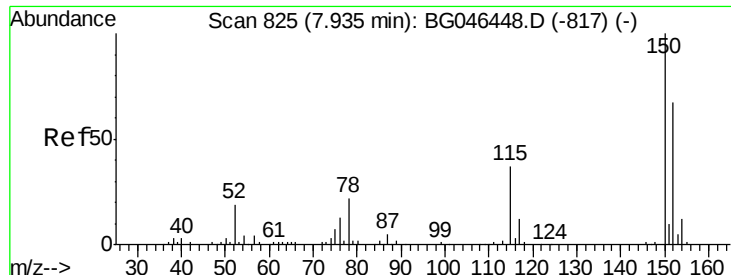
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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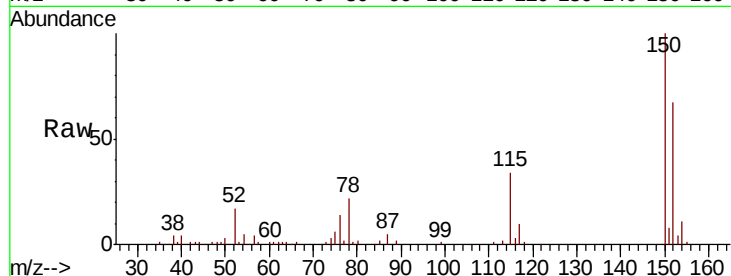


#1

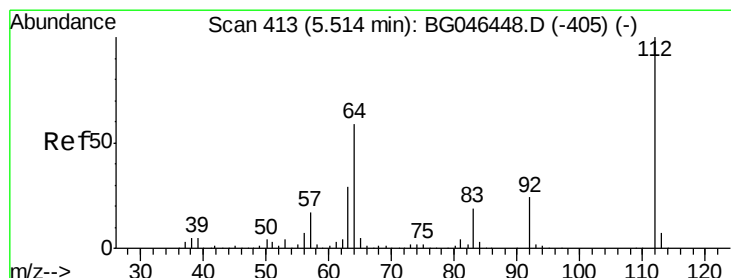
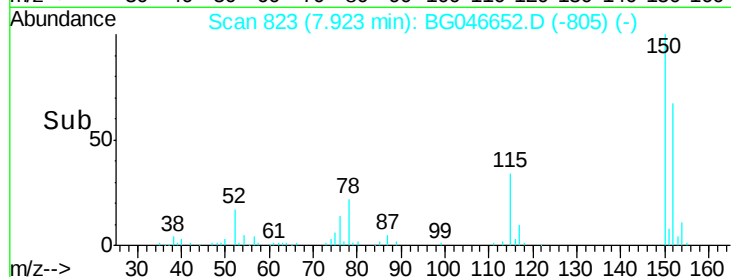
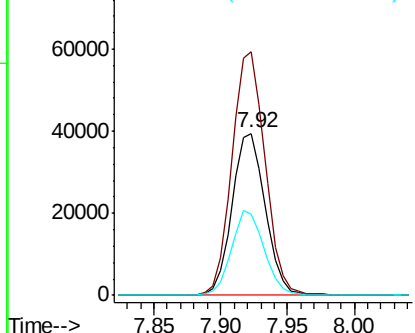
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.01 min
Lab File: BG046652.D
Acq: 16 Sep 2020 22:42

Instrument :
BNA_G
ClientSampleId :
REACTOR-5W-(A-D-0-4)

Tot Ion:152 Resp: 68096
Ion Ratio Lower Upper
152 100
150 150.0 125.0 187.6
115 50.3 41.8 62.6



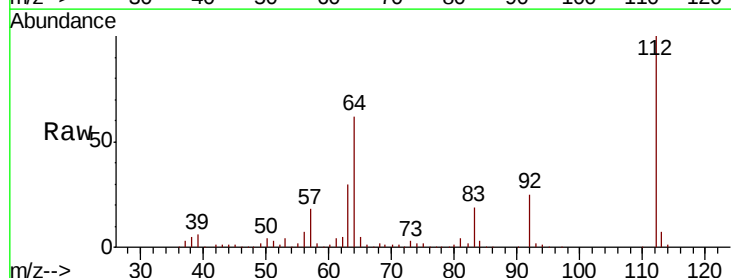
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



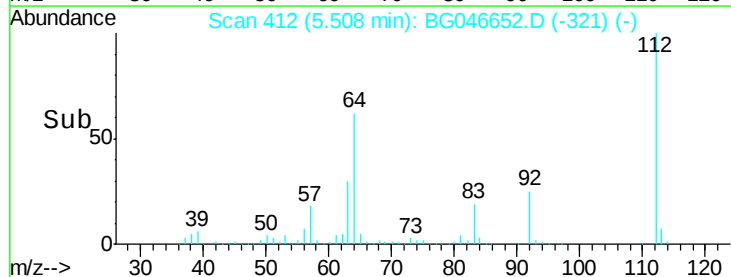
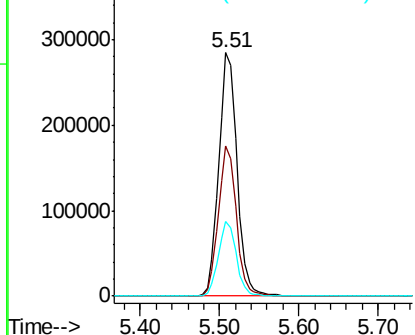
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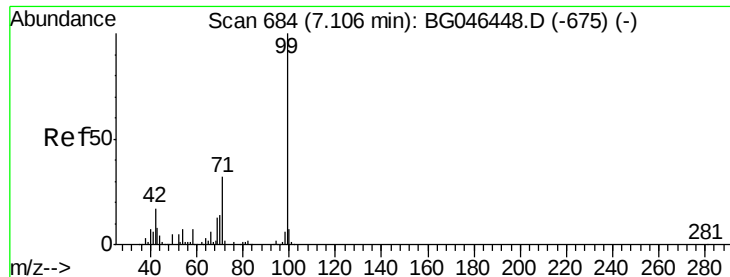
2-Fluorophenol
Concen: 118.751 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG046652.D
Acq: 16 Sep 2020 22:42

Tgt Ion:112 Resp: 456557
Ion Ratio Lower Upper
112 100
64 61.9 46.7 70.1
63 30.5 22.8 34.2



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: 99.788 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046652.D

Acq: 16 Sep 2020 22:42

Instrument :

BNA_G

ClientSampleId :

REACTOR-5W-(A-D-0-4)

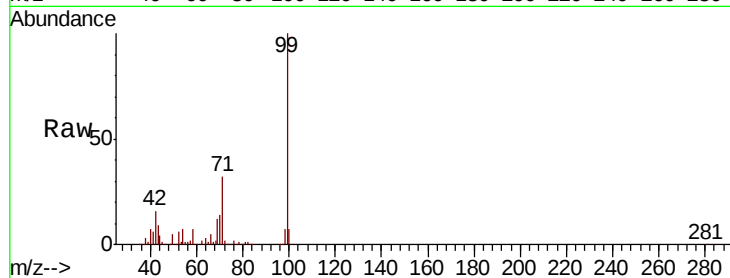
Tot Ion: 99 Resp: 543867

Ion Ratio Lower Upper

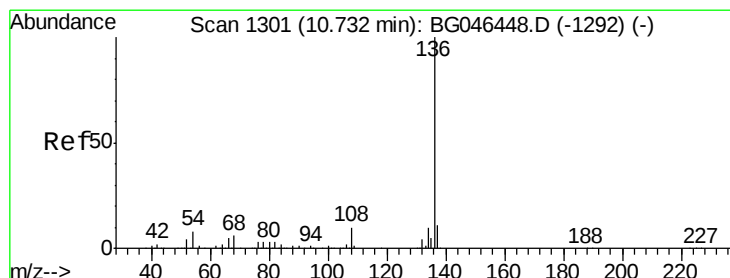
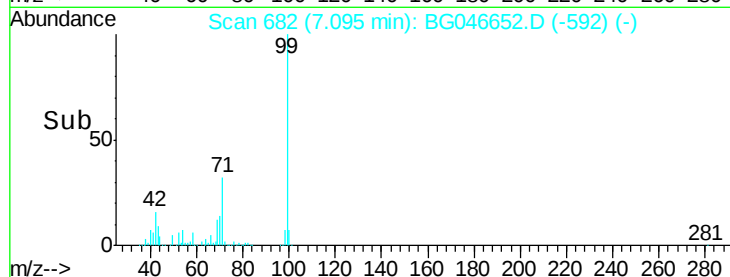
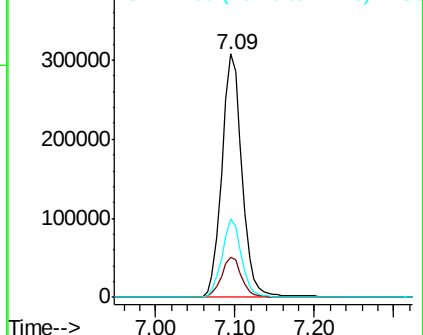
99 100

42 16.4 12.8 19.2

71 32.1 24.6 36.8



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: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG046652.D

Acq: 16 Sep 2020 22:42

Tgt Ion: 136 Resp: 281496

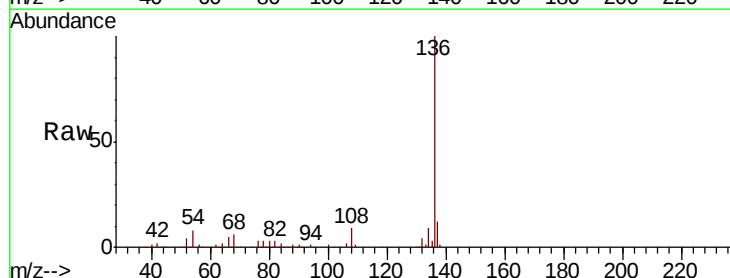
Ion Ratio Lower Upper

136 100

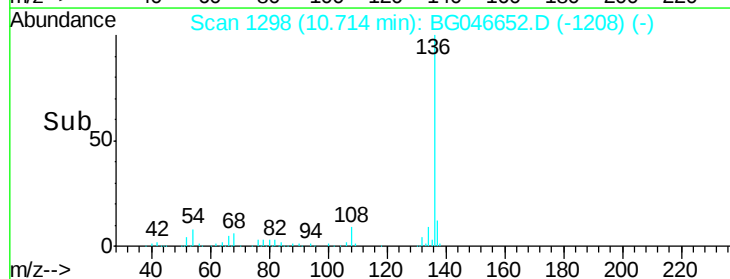
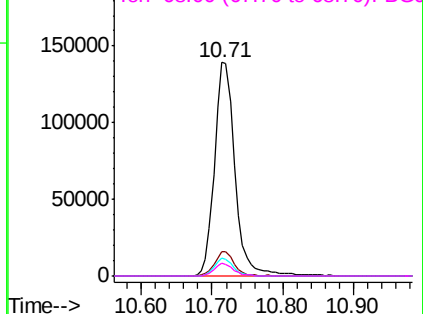
137 11.6 9.1 13.7

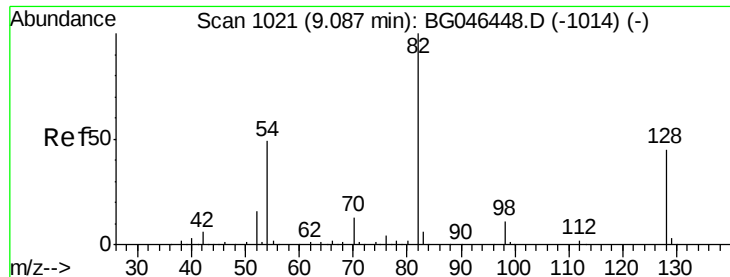
54 8.3 6.2 9.4

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

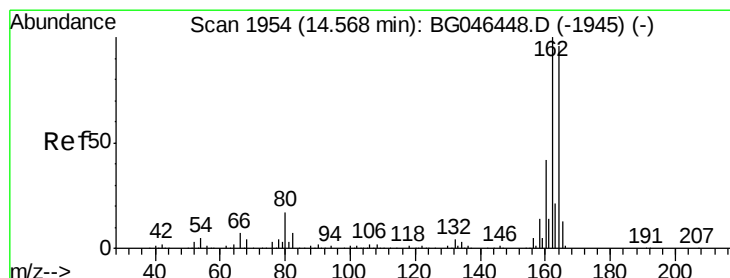
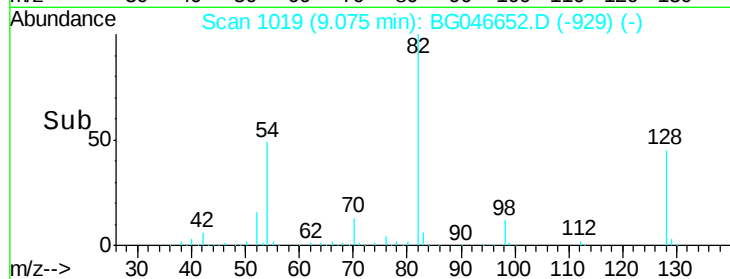
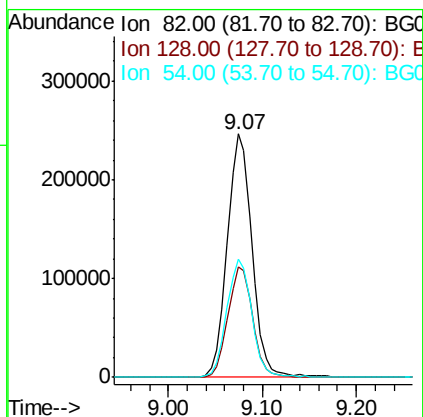
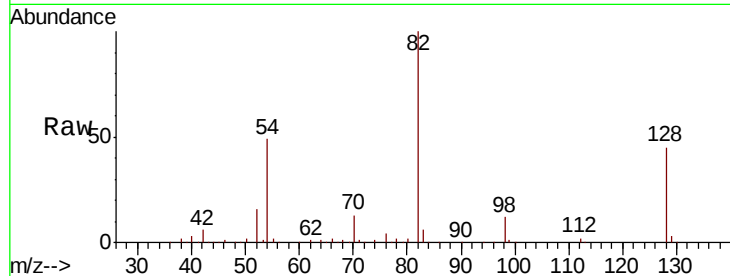




#23
 Nitrobenzene-d5
 Concen: 91.728 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG046652.D
 Acq: 16 Sep 2020 22:42

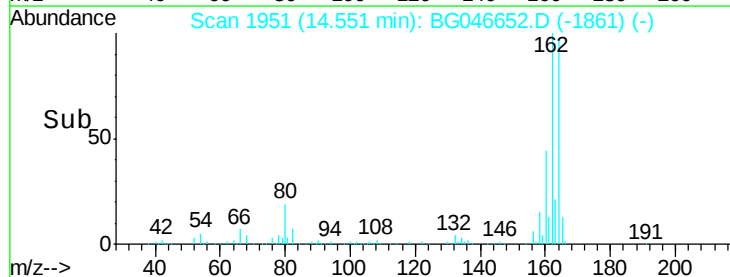
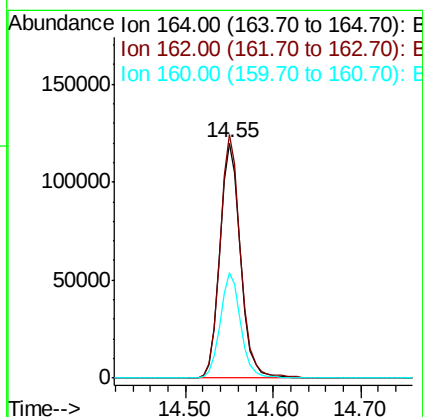
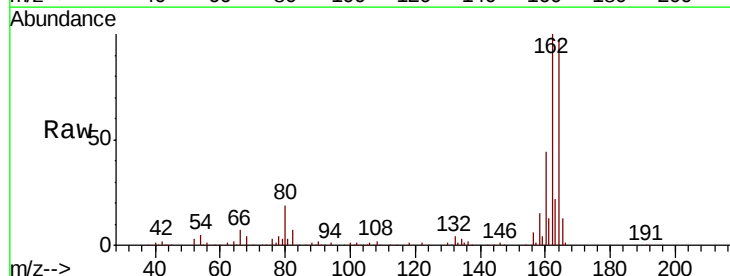
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-5W-(A-D-0-4)

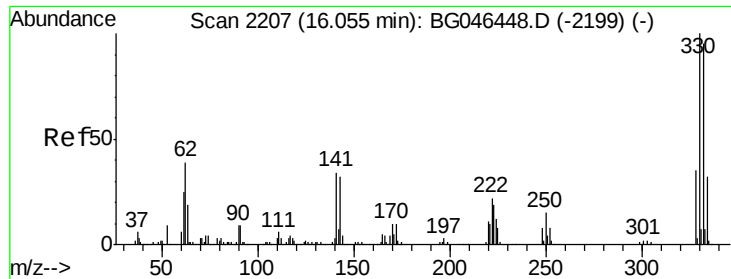
Tot Ion: 82 Resp: 451773
 Ion Ratio Lower Upper
 82 100
 128 45.5 37.0 55.6
 54 48.7 39.0 58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG046652.D
 Acq: 16 Sep 2020 22:42

Tgt Ion: 164 Resp: 195895
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.3 123.5
 160 45.1 35.3 52.9

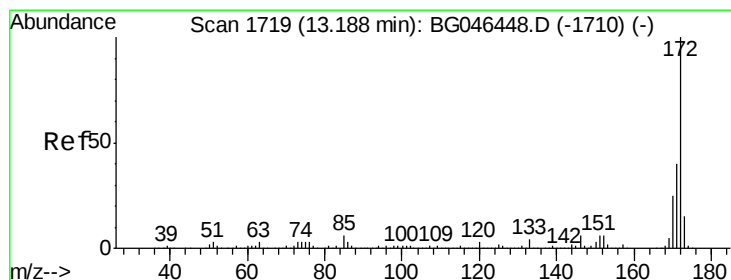
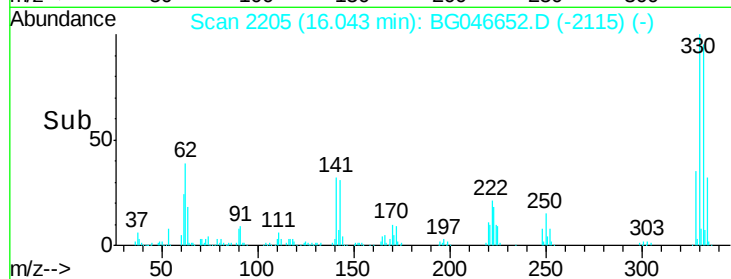
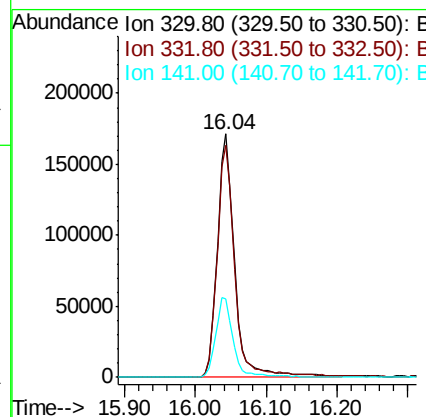
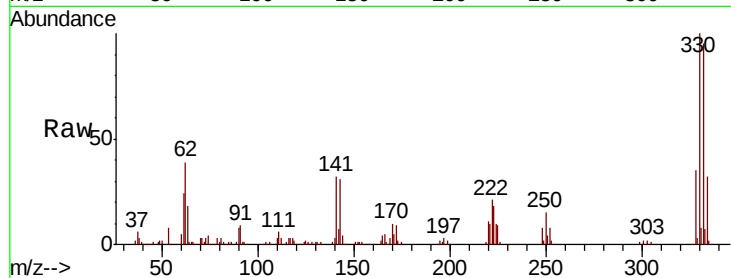




#42
 2,4,6-Tribromophenol
 Concen: 110.439 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046652.D
 Acq: 16 Sep 2020 22:42

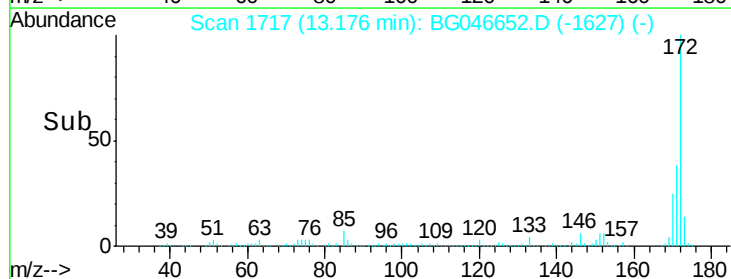
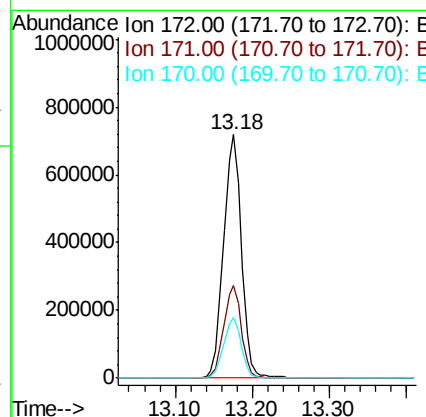
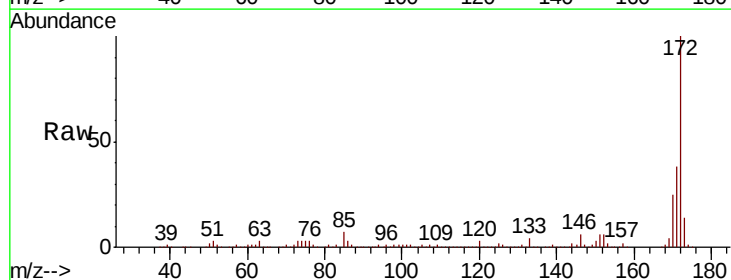
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-5W-(A-D-0-4)

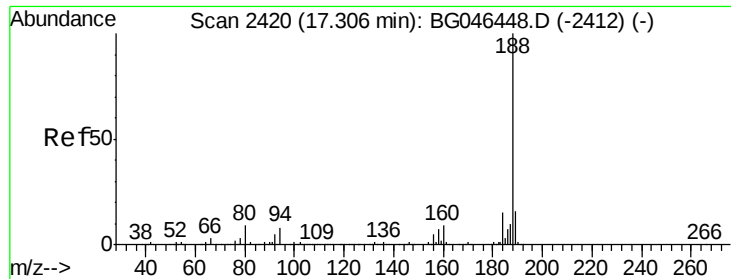
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.5	114.7
141	33.3	26.0	39.0



#45
 2-Fluorobiphenyl
 Concen: 89.893 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG046652.D
 Acq: 16 Sep 2020 22:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.1	20.8	31.2

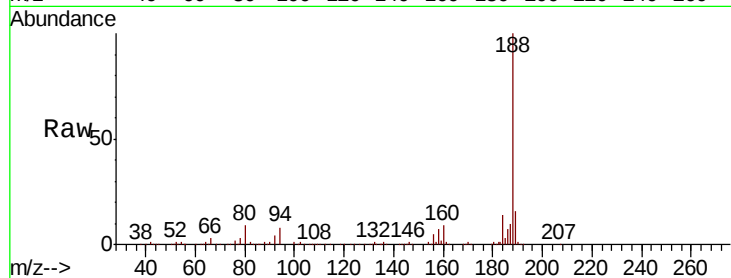




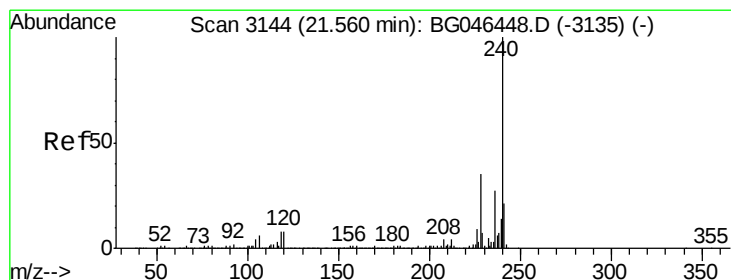
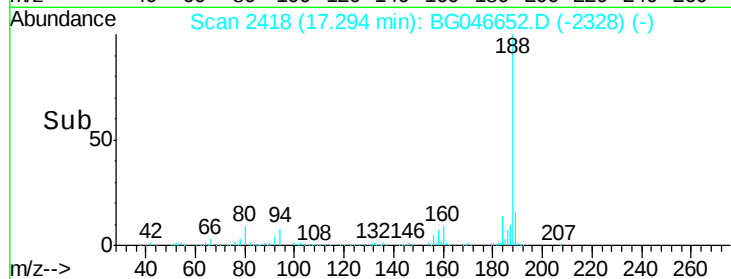
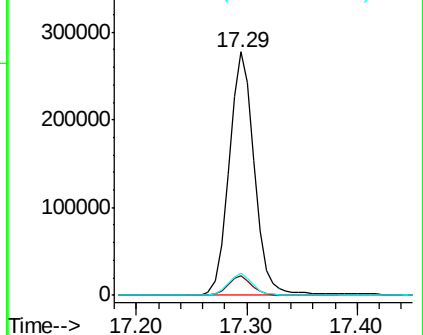
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046652.D
Acq: 16 Sep 2020 22:42

Instrument :
BNA_G
ClientSampleId :
REACTOR-5W-(A-D-0-4)

Tot Ion:188 Resp: 445395
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 9.2 7.0 10.6

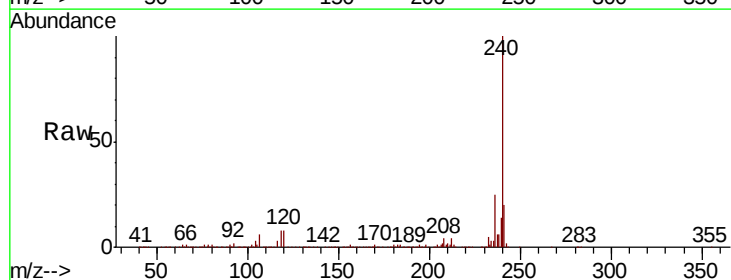


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

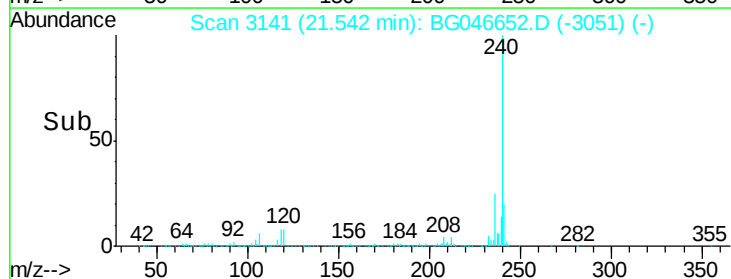
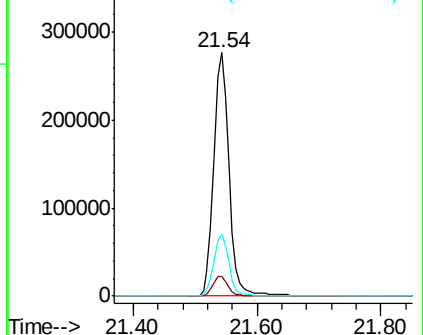


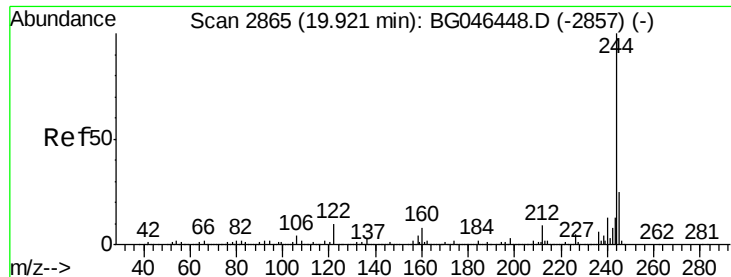
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046652.D
Acq: 16 Sep 2020 22:42

Tgt Ion:240 Resp: 470244
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.4
236 25.4 20.5 30.7



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: 80.663 ng

RT: 19.91 min Scan# 2864

Delta R.T. 0.01 min

Lab File: BG046652.D

Acq: 16 Sep 2020 22:42

Instrument :

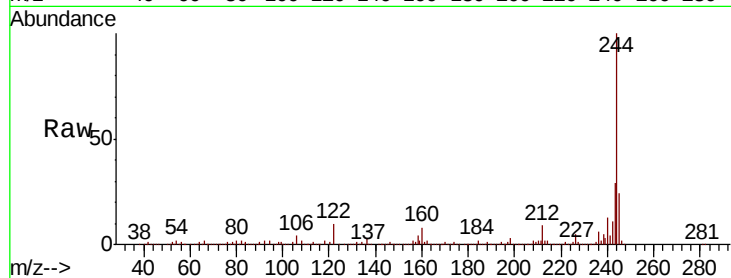
BNA_G

ClientSampleId :

REACTOR-5W-(A-D-0-4)

Tot Ion:244 Resp: 1782347

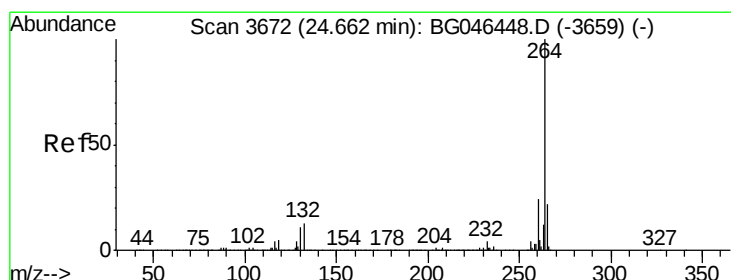
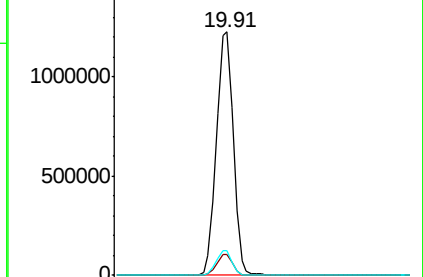
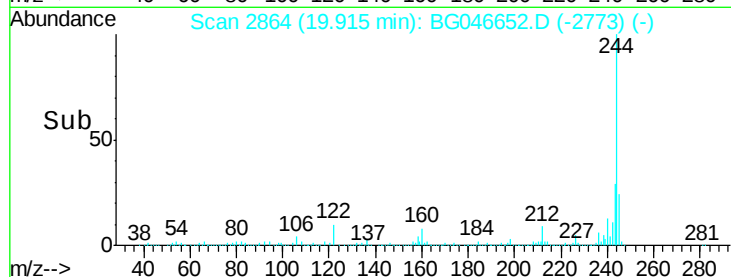
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.7	10.1
122	10.0	7.8	11.6



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: 24.64 min Scan# 3668

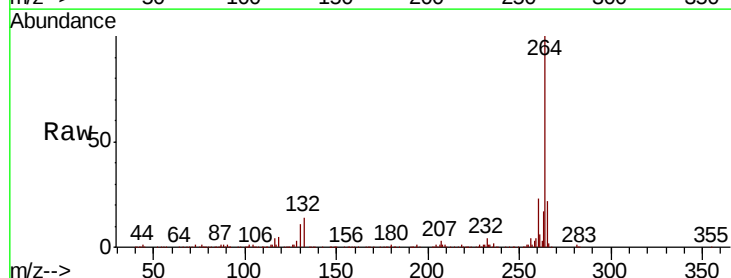
Delta R.T. 0.01 min

Lab File: BG046652.D

Acq: 16 Sep 2020 22:42

Tgt Ion:264 Resp: 461152

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	22.1	17.8	26.8



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

