

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
 Data File : BG044926.D
 Acq On : 20 Mar 2020 19:14
 Operator : CG/JU
 Sample : L1966-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-3-FILTERED

Quant Time: Mar 21 02:36:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	88951	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	336139	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	224224	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	511232	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	518071	20.00	ng	-0.02
87) Perylene-d12	24.89	264	552680	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	319831	55.97	ng	0.00
7) Phenol-d6	7.20	99	268910	32.39	ng	-0.01
23) Nitrobenzene-d5	9.20	82	639086	83.43	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	408294	139.07	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1346760	86.01	ng	0.00
79) Terphenyl-d14	20.03	244	2114057	76.33	ng	0.00

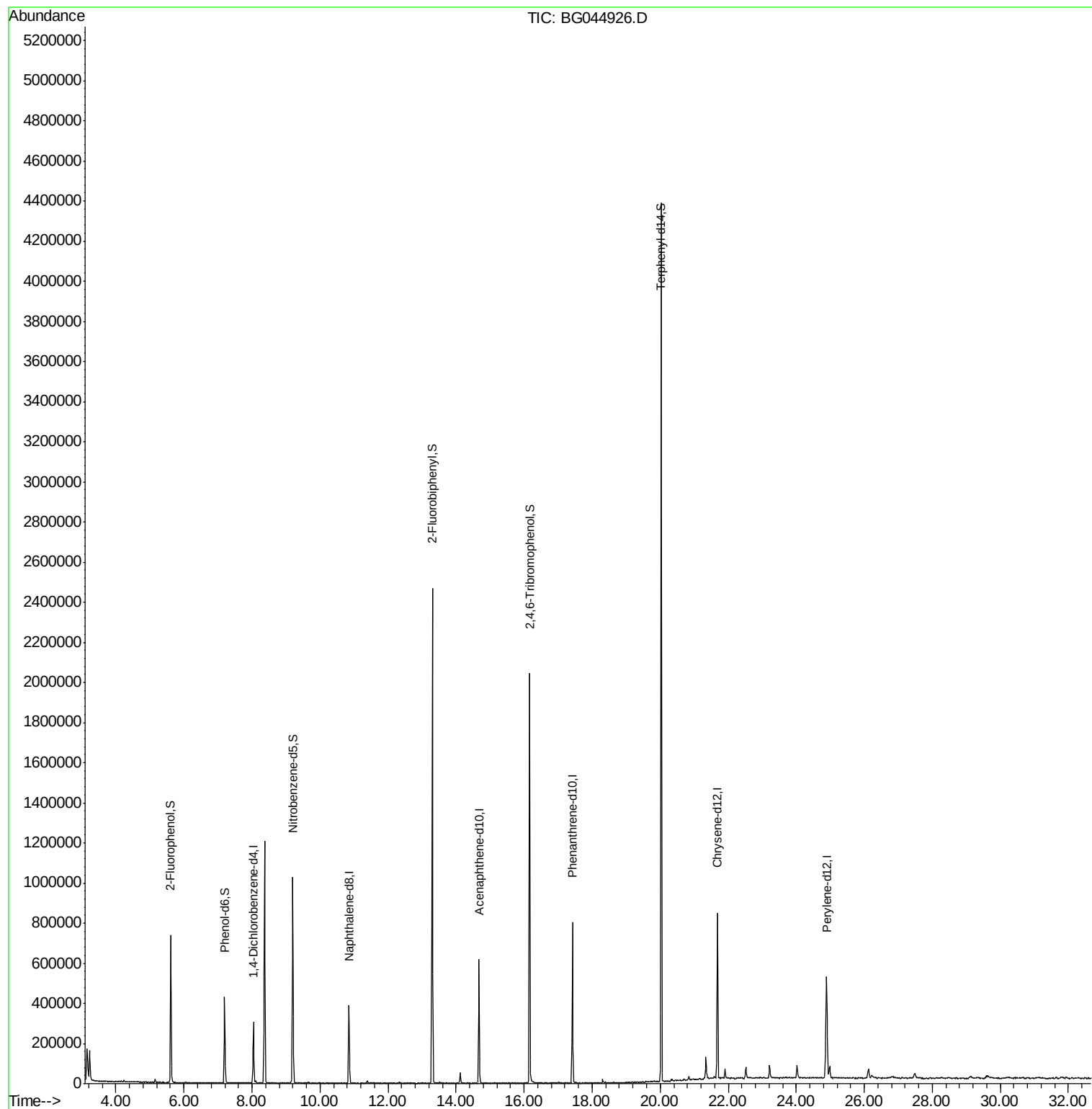
Target Compounds Qvalue

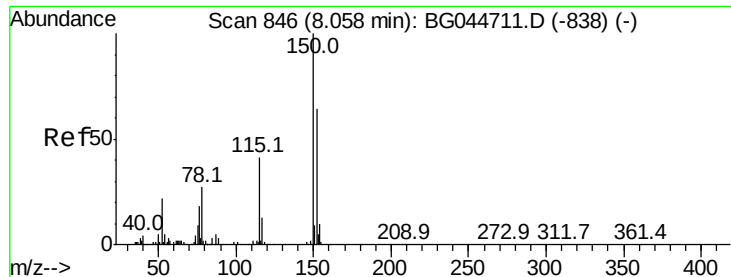
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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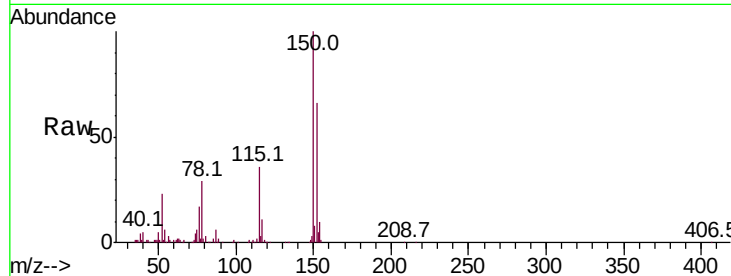


#1

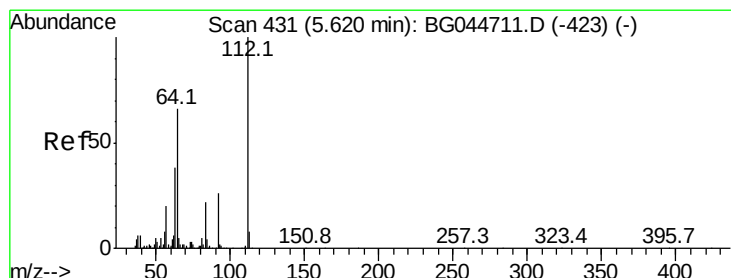
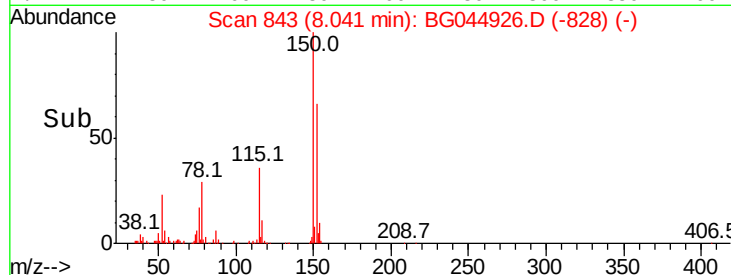
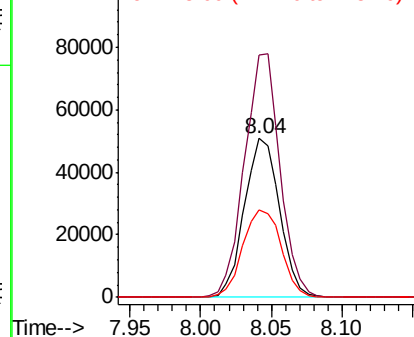
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tot Ion:152 Resp: 88951
Ion Ratio Lower Upper
152 100
150 152.4 128.8 193.2
115 55.0 52.6 79.0



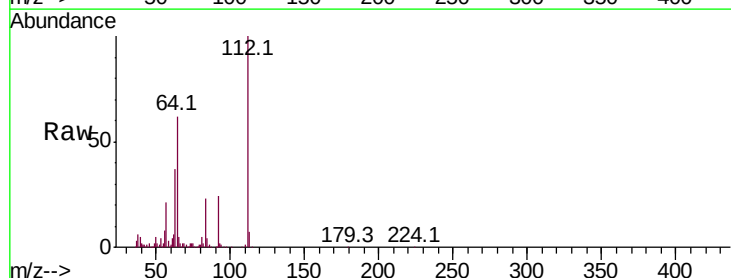
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



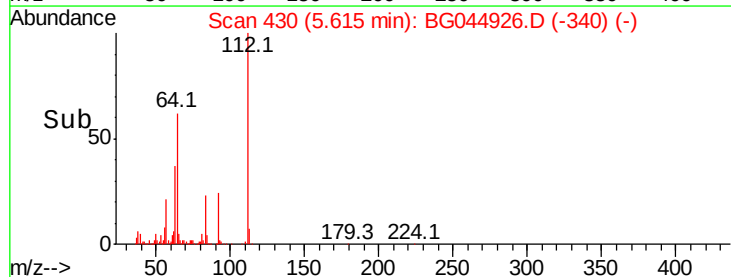
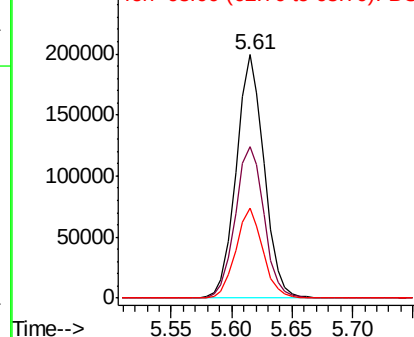
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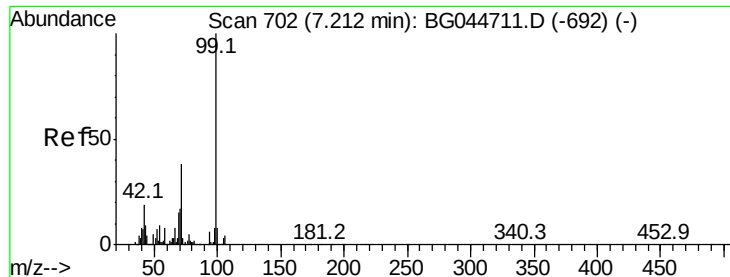
2-Fluorophenol
Concen: 55.972 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Tgt Ion:112 Resp: 319831
Ion Ratio Lower Upper
112 100
64 62.0 53.4 80.2
63 37.2 29.4 44.2



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: 32.390 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044926.D

Acq: 20 Mar 2020 19:14

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-3-FILTERED

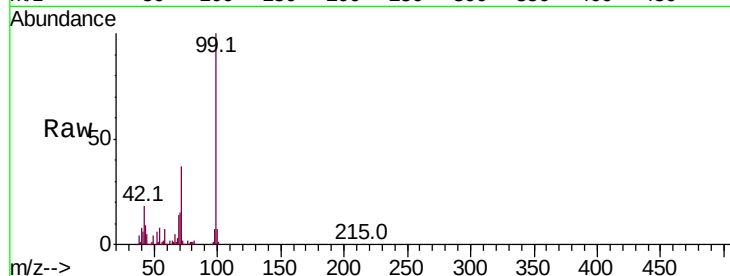
Tot Ion: 99 Resp: 268910

Ion Ratio Lower Upper

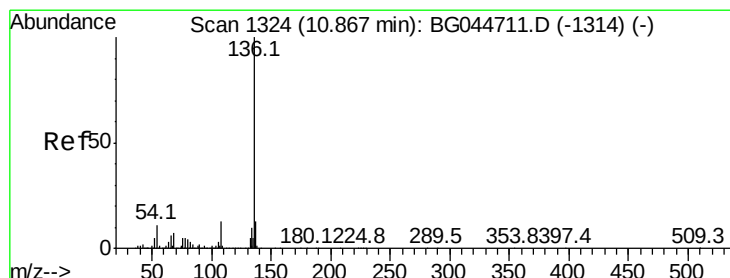
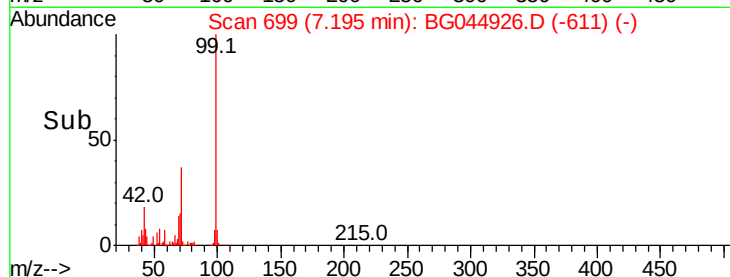
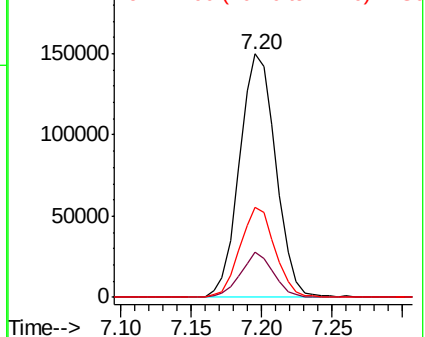
99 100

42 18.4 12.6 19.0

71 36.9 29.0 43.4



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044926.D

Acq: 20 Mar 2020 19:14

Tgt Ion: 136 Resp: 336139

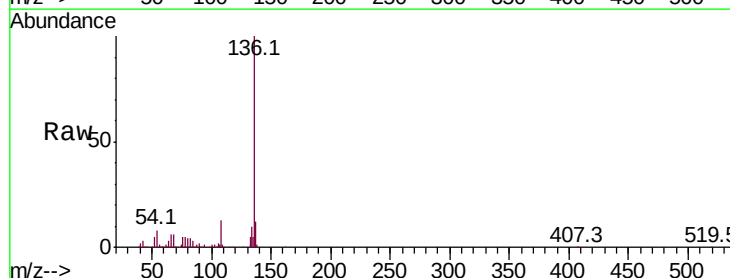
Ion Ratio Lower Upper

136 100

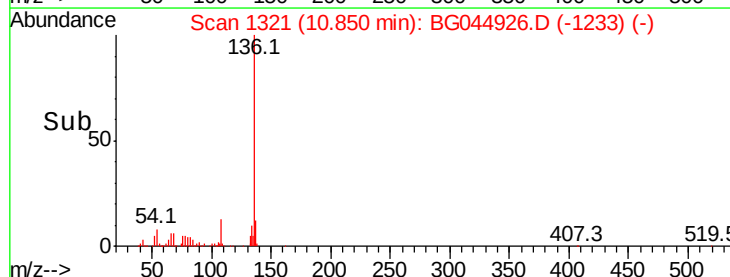
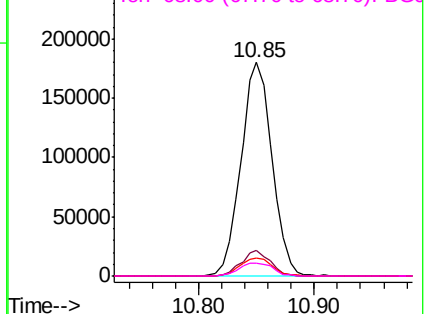
137 12.0 9.8 14.6

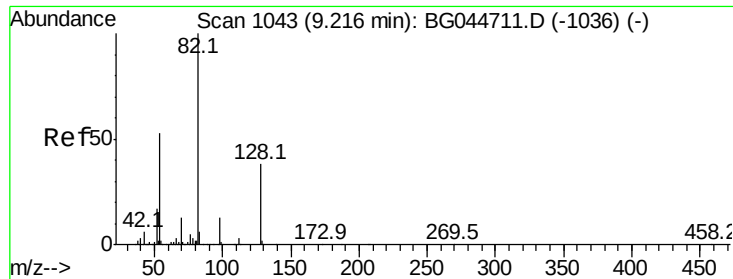
54 8.4 7.9 11.9

68 6.1 5.4 8.0



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

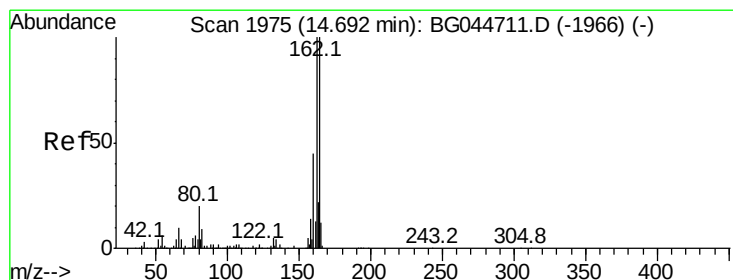
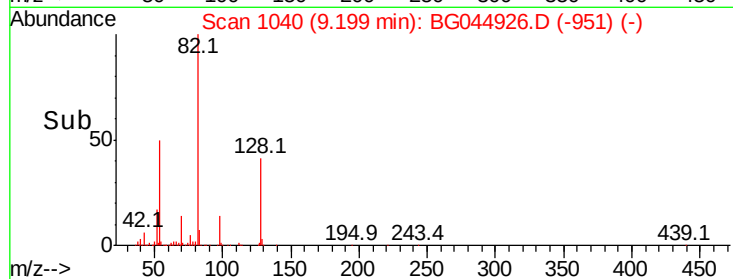
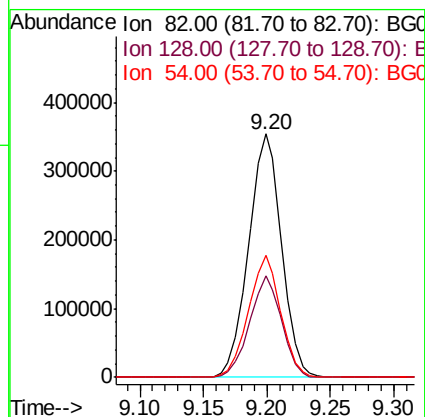
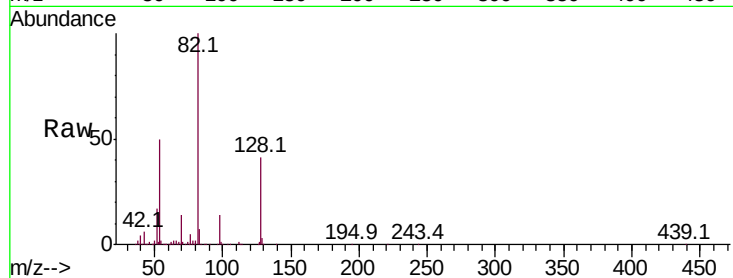




#23
 Nitrobenzene-d5
 Concen: 83.430 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044926.D
 Acq: 20 Mar 2020 19:14

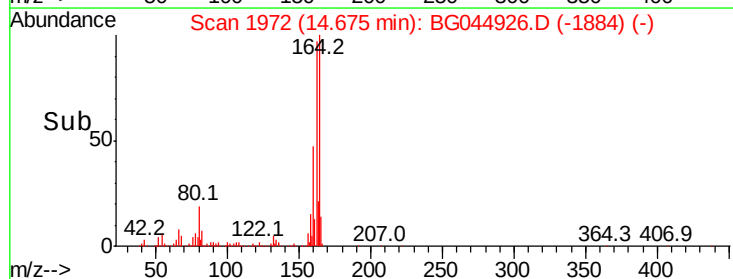
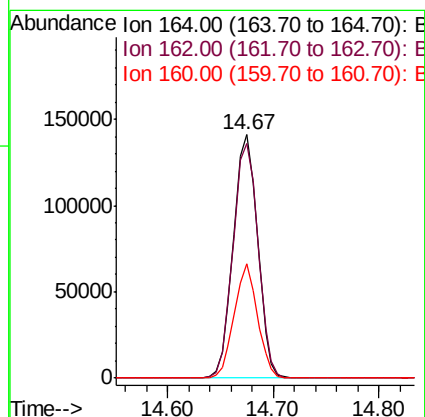
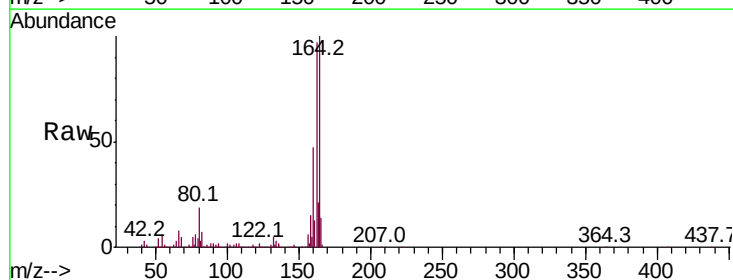
Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-3-FILTERED

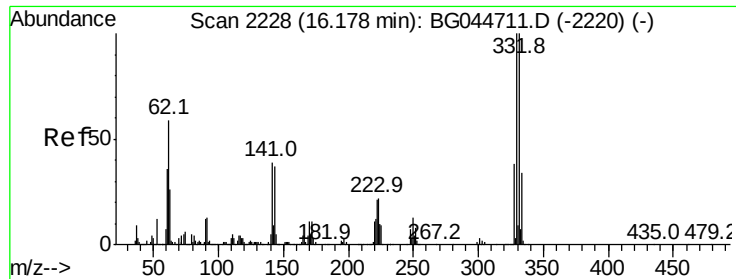
Tot Ion	82	Resp	639086
Ion Ratio	100	Lower	Upper
128	41.4	30.6	46.0
54	50.3	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044926.D
 Acq: 20 Mar 2020 19:14

Tgt Ion	164	Resp	224224
Ion Ratio	100	Lower	Upper
162	96.5	76.7	115.1
160	47.0	35.0	52.4

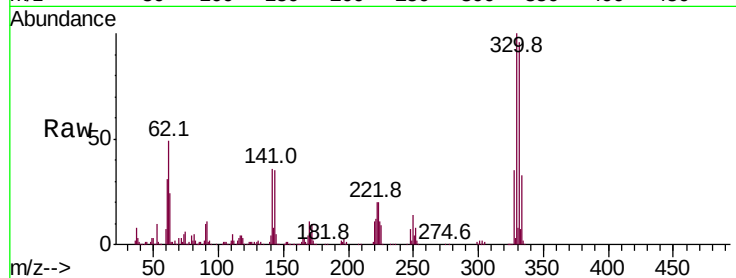




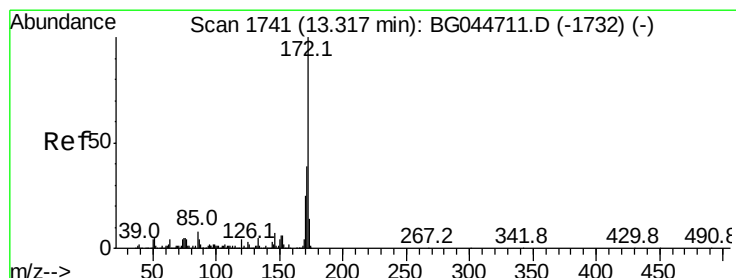
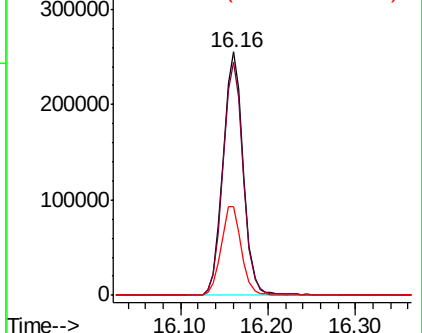
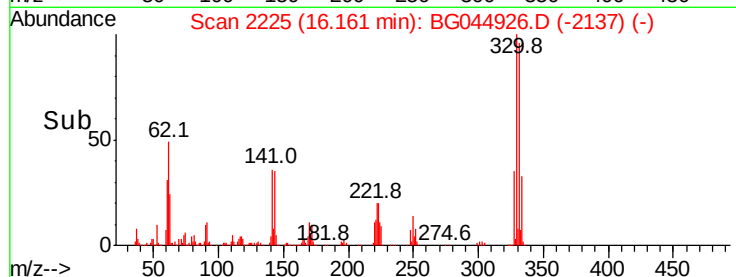
#42
2,4,6-Tribromophenol
Concen: 139.071 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-3-FILTERED

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.6
141	36.7	29.5	44.3

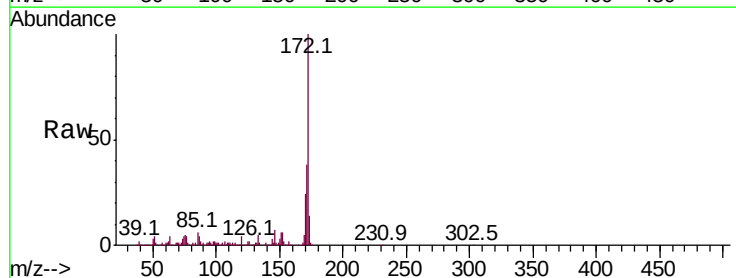


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

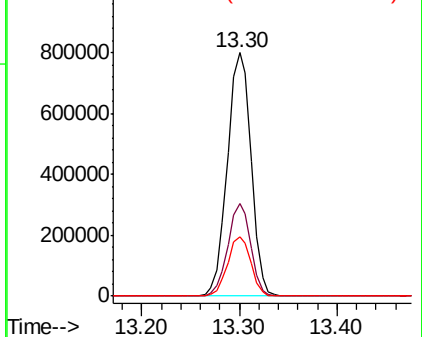
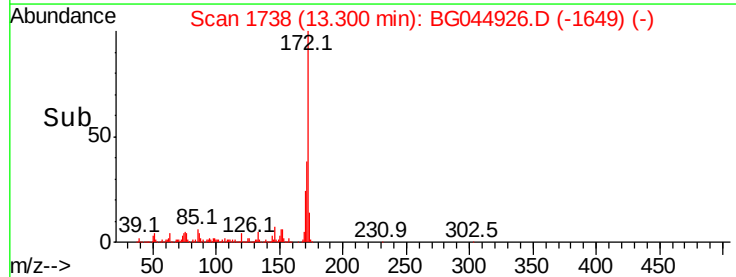


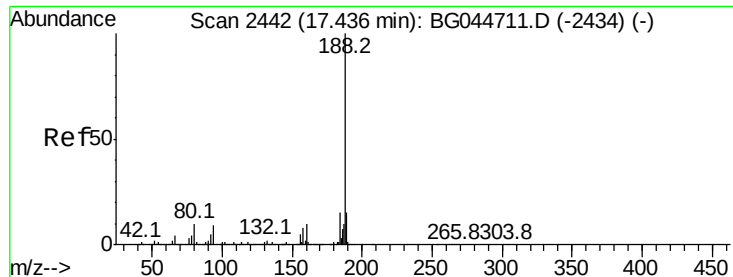
#45
2-Fluorobiphenyl
Concen: 86.012 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044926.D
Acq: 20 Mar 2020 19:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.7	43.1
170	24.5	19.0	28.6



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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044926.D

Acq: 20 Mar 2020 19:14

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-3-FILTERED

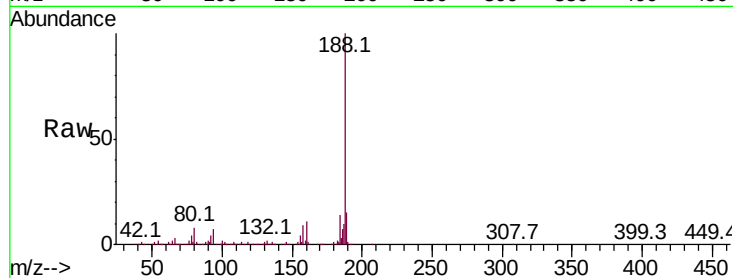
Tot Ion:188 Resp: 511232

Ion Ratio Lower Upper

188 100

94 7.5 7.3 10.9

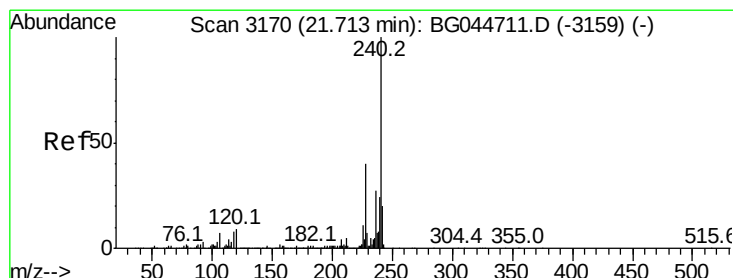
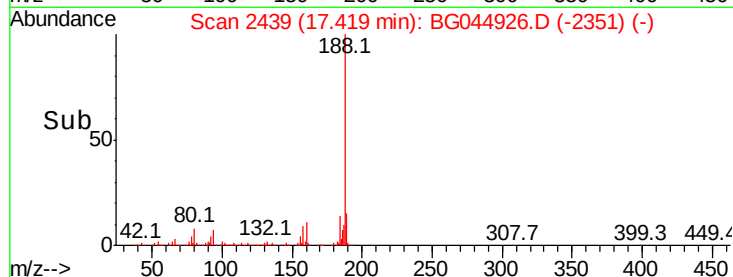
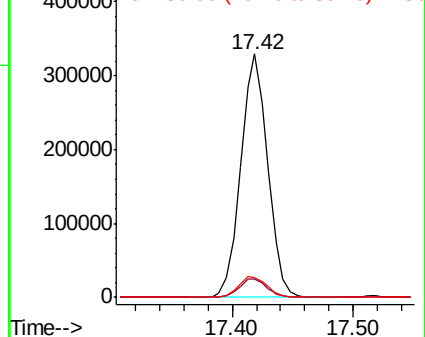
80 8.3 8.0 12.0



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: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044926.D

Acq: 20 Mar 2020 19:14

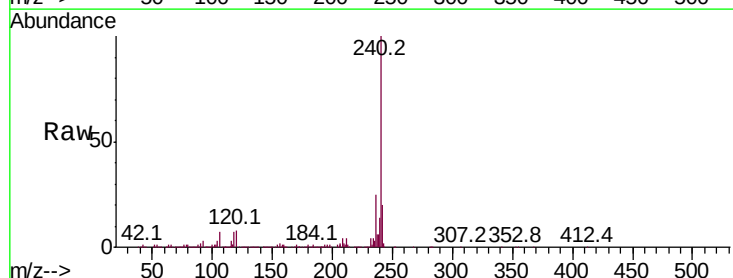
Tgt Ion:240 Resp: 518071

Ion Ratio Lower Upper

240 100

120 8.1 6.7 10.1

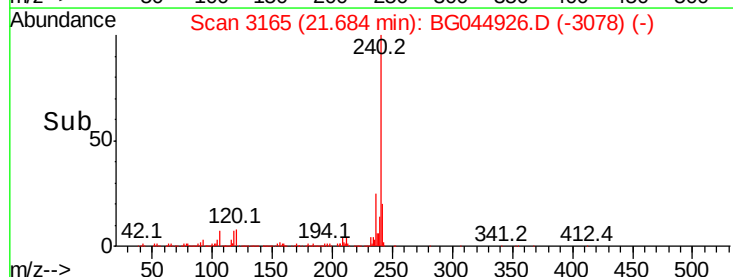
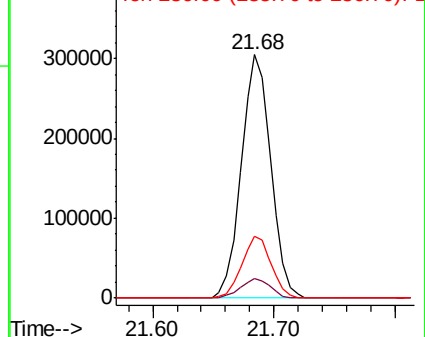
236 25.2 21.5 32.3

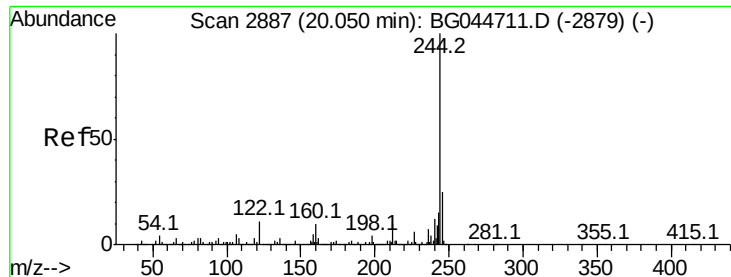


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



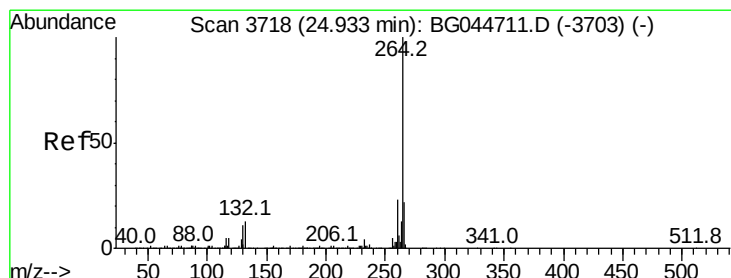
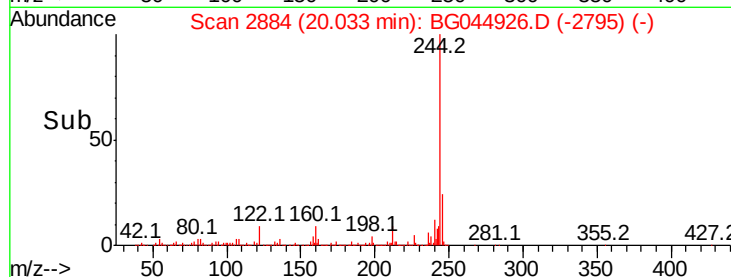
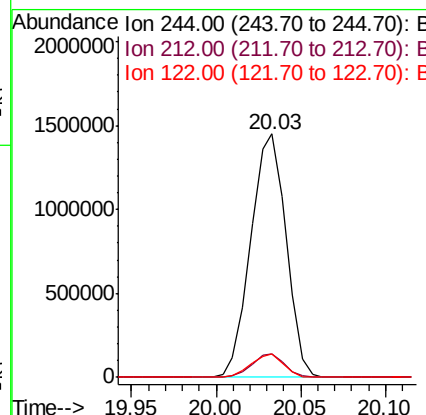
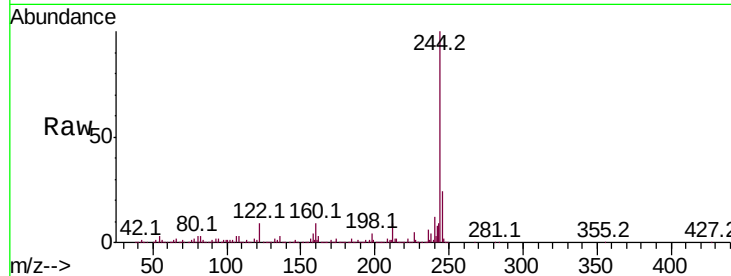


#79
 Terphenyl-d14
 Concen: 76.330 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BG044926.D
 Acq: 20 Mar 2020 19:14

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-3-FILTERED

Tot Ion:244 Resp: 2114057

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.7	11.5
122	9.4	8.6	12.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG044926.D
 Acq: 20 Mar 2020 19:14

Tgt Ion:264 Resp: 552680

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.1	27.1
265	22.6	17.1	25.7

