

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046580.D
 Acq On : 9 Sep 2020 19:58
 Operator : CG/JU
 Sample : L3808-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Sep 09 20:35:29 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 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	65556	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	270848	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	196815	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	496992	20.00	ng	0.00
76) Chrysene-d12	21.54	240	496284	20.00	ng	0.00
86) Perylene-d12	24.65	264	489469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	172839	46.70	ng	0.00
7) Phenol-d6	7.10	99	135613	25.85	ng	0.00
23) Nitrobenzene-d5	9.08	82	375906	79.32	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	302938	113.60	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1019007	79.04	ng	0.00
79) Terphenyl-d14	19.92	244	1736174	74.45	ng	0.00

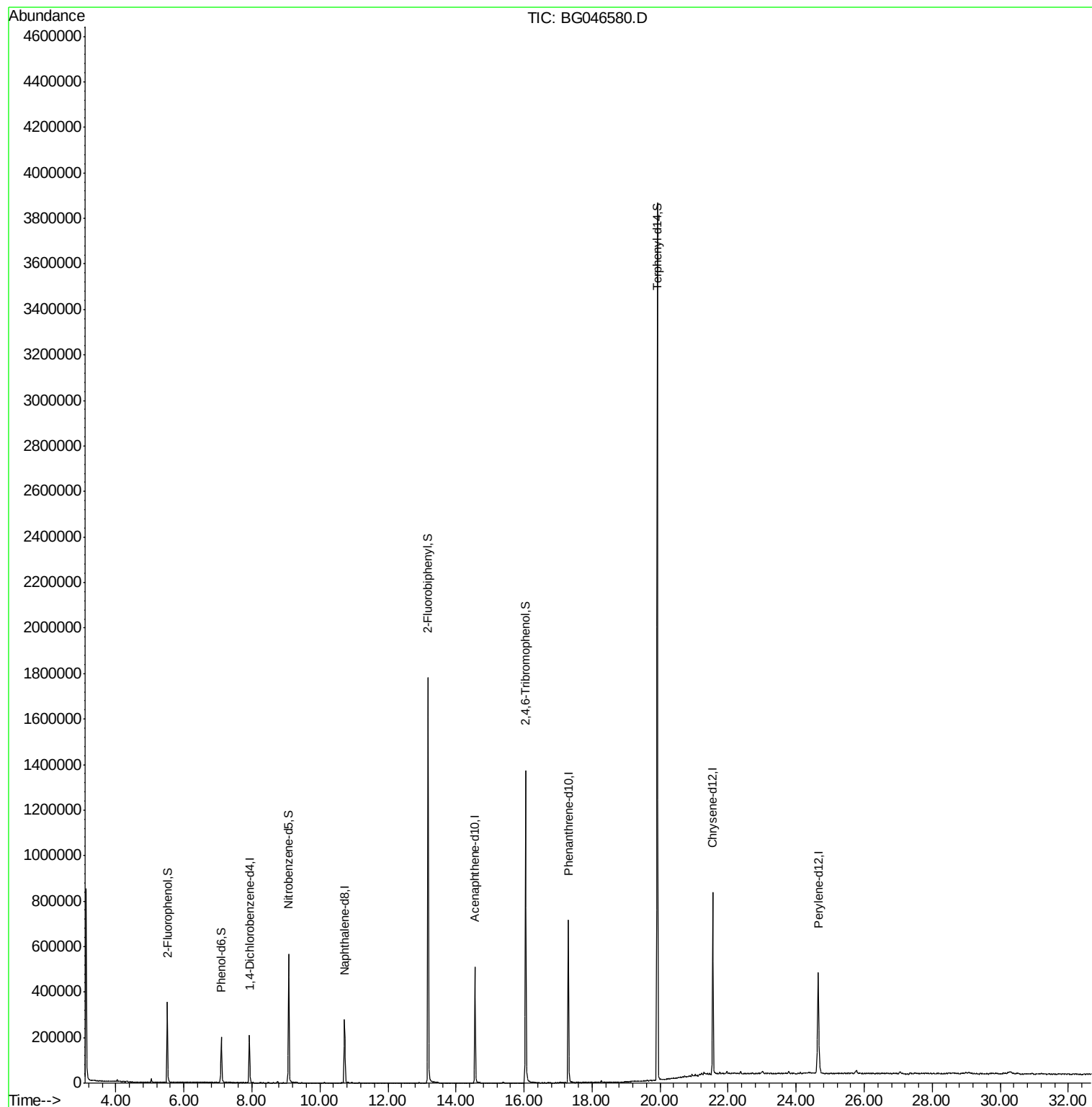
Target Compounds Qvalue

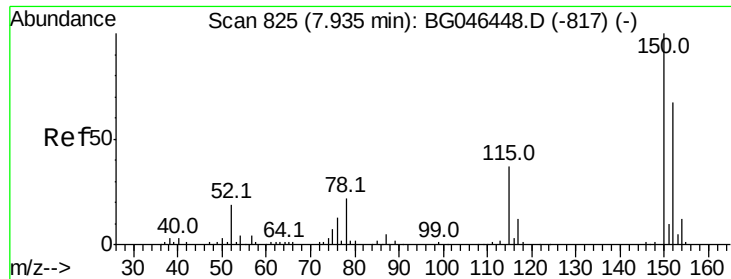
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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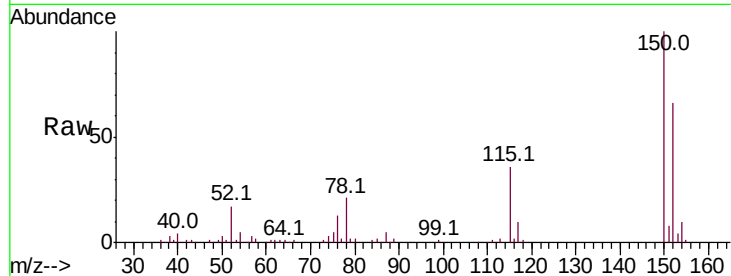


#1

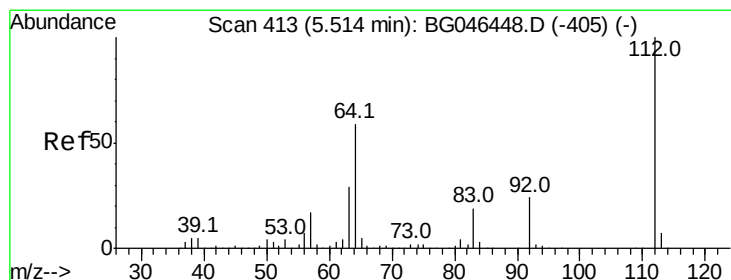
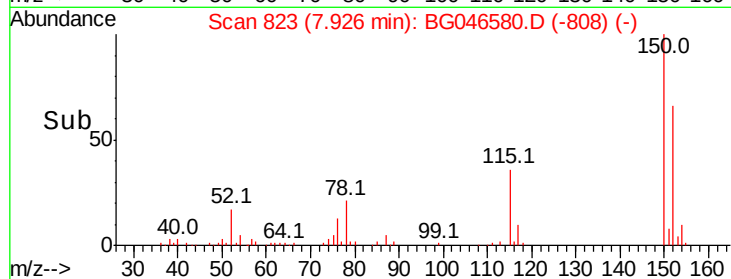
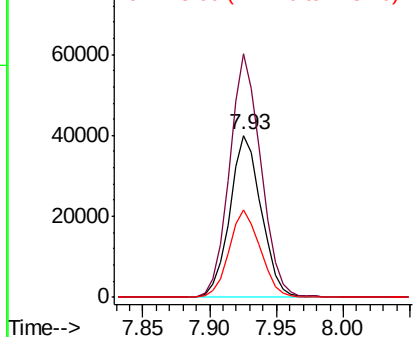
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046580.D
Acq: 9 Sep 2020 19:58

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tot Ion:152 Resp: 65556
Ion Ratio Lower Upper
152 100
150 150.6 119.5 179.3
115 53.9 44.3 66.5



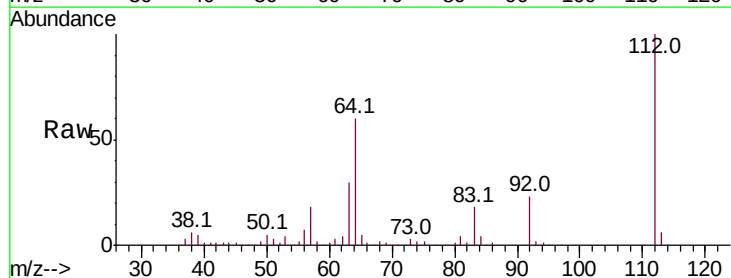
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



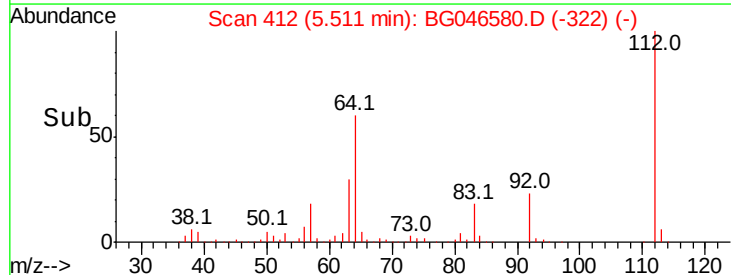
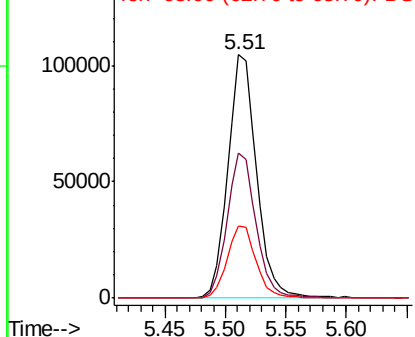
#5

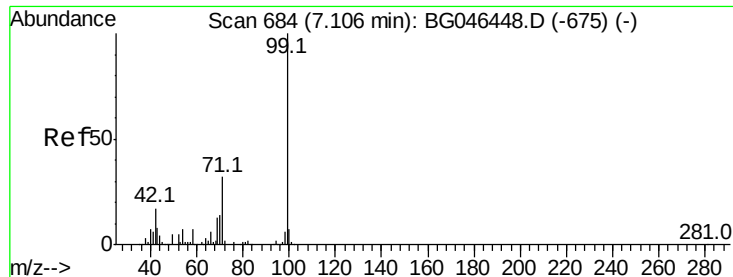
2-Fluorophenol
Concen: 46.697 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG046580.D
Acq: 9 Sep 2020 19:58

Tgt Ion:112 Resp: 172839
Ion Ratio Lower Upper
112 100
64 59.6 47.0 70.6
63 29.9 23.5 35.3



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: 25.846 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046580.D

Acq: 9 Sep 2020 19:58

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

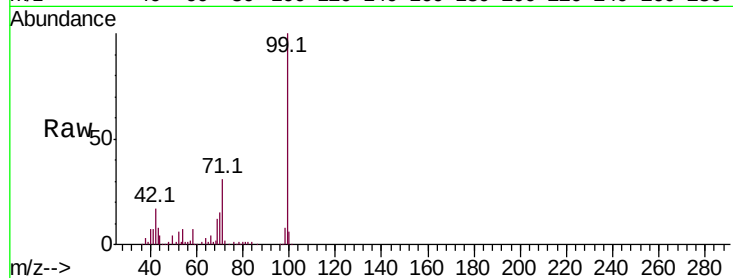
Tot Ion: 99 Resp: 135613

Ion Ratio Lower Upper

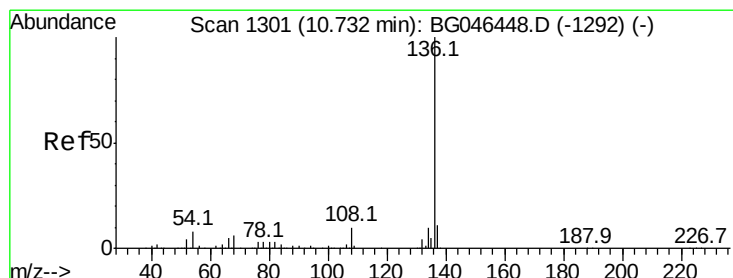
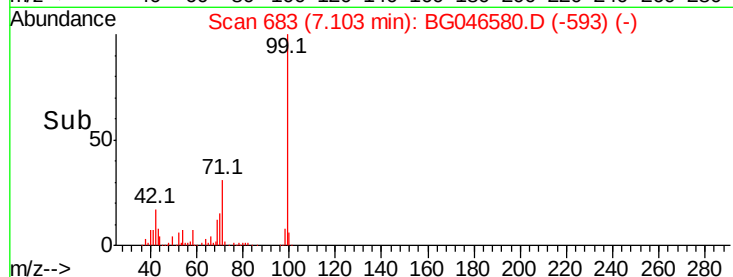
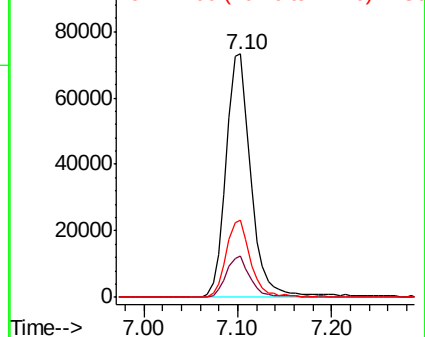
99 100

42 17.1 13.3 19.9

71 31.5 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: BG046580.D

Acq: 9 Sep 2020 19:58

Tgt Ion: 136 Resp: 270848

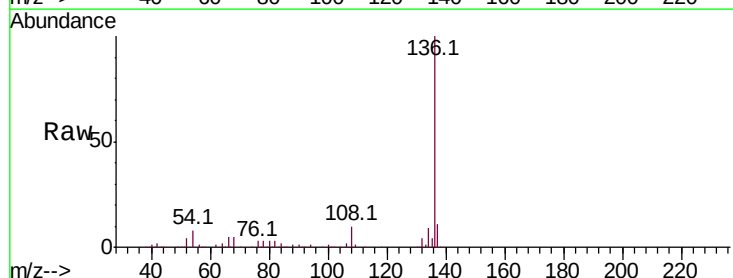
Ion Ratio Lower Upper

136 100

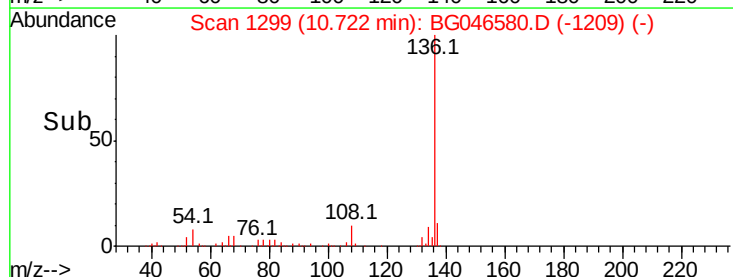
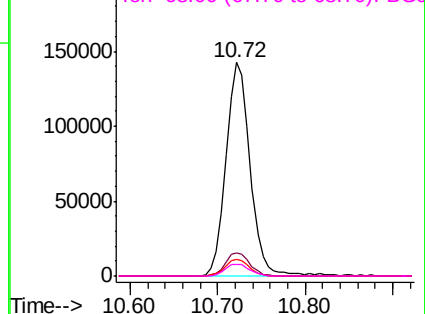
137 10.7 8.8 13.2

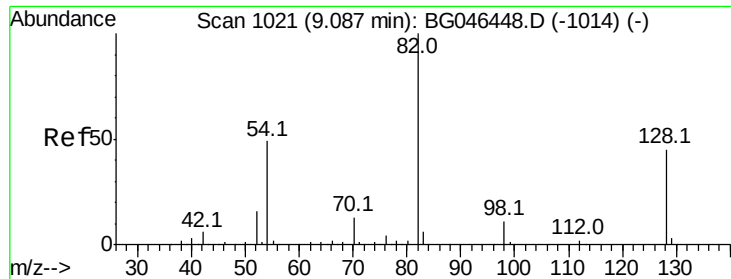
54 7.6 6.1 9.1

68 5.3 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

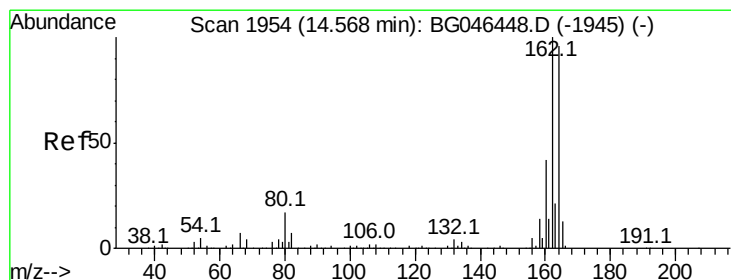
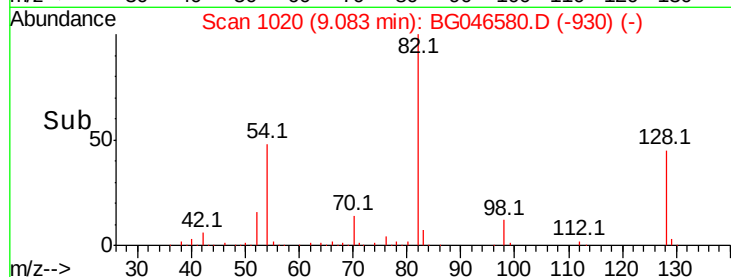
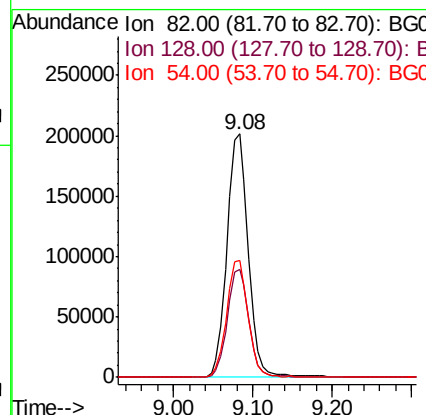
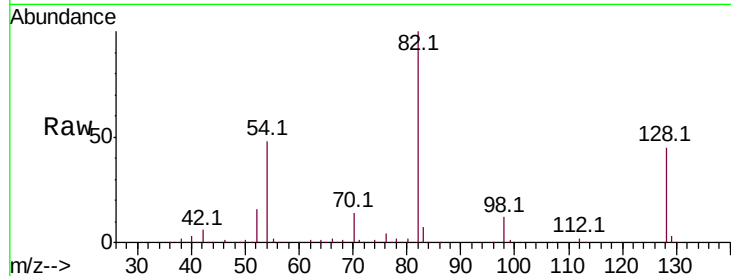




#23
 Nitrobenzene-d5
 Concen: 79.325 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046580.D
 Acq: 9 Sep 2020 19:58

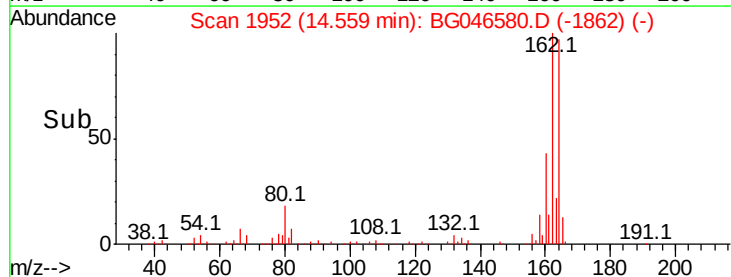
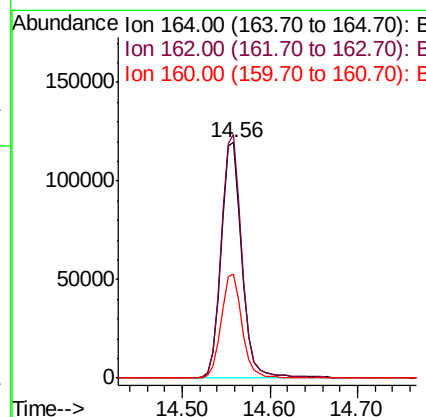
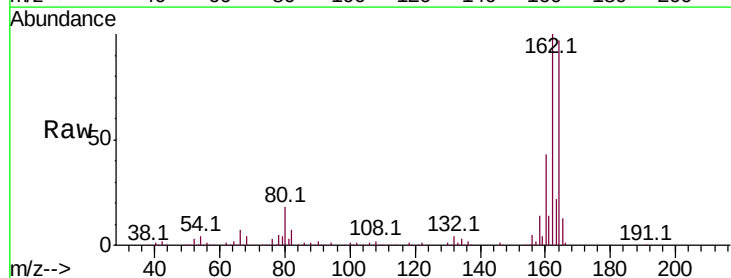
Instrument :
 BNA_G
 ClientSampleId :
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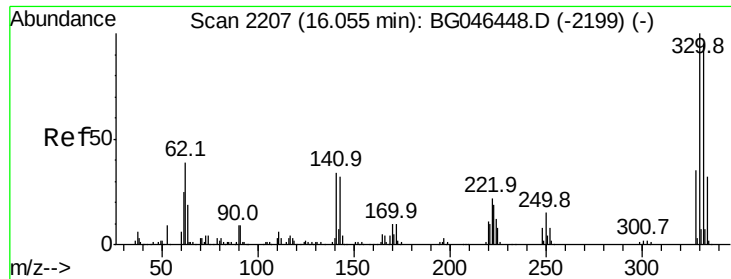
Tot Ion	82	Resp	375906
Ion Ratio	Lower	Upper	
82	100		
128	44.5	35.7	53.5
54	48.2	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046580.D
 Acq: 9 Sep 2020 19:58

Tgt Ion	164	Resp	196815
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.3	124.9
160	44.4	35.0	52.6

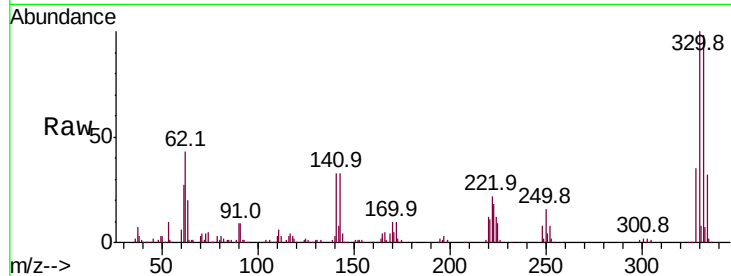




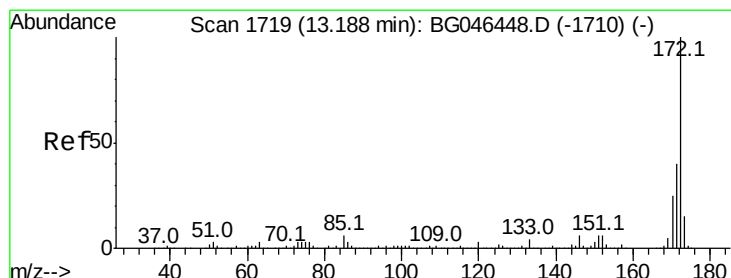
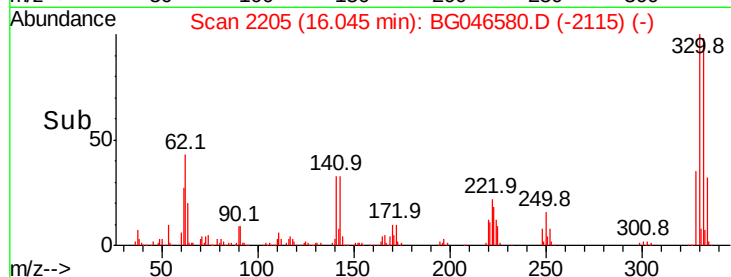
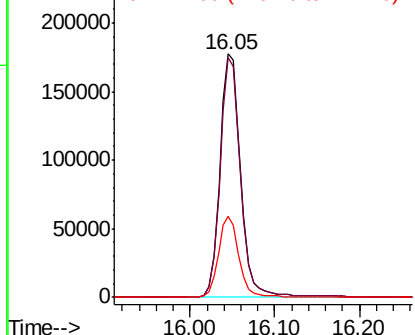
#42
 2,4,6-Tribromophenol
 Concen: 113.600 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046580.D
 Acq: 9 Sep 2020 19:58

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.1	114.1
141	33.0	26.1	39.1

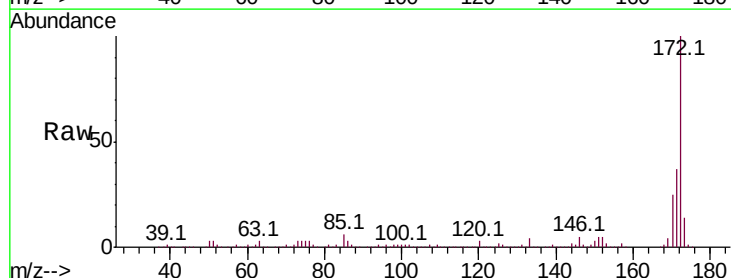


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

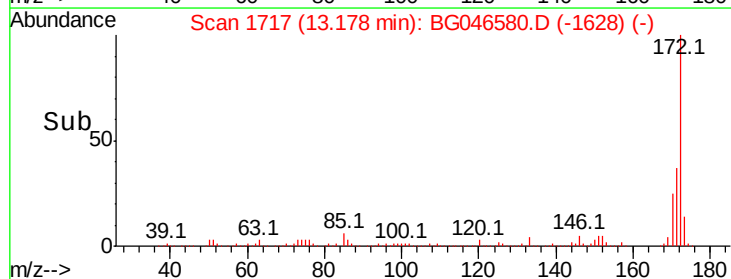
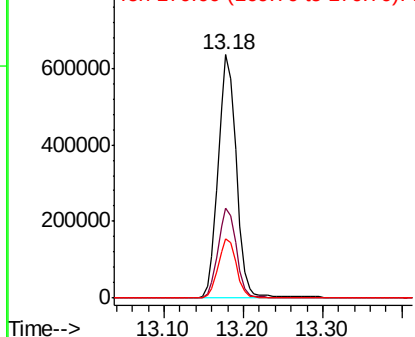


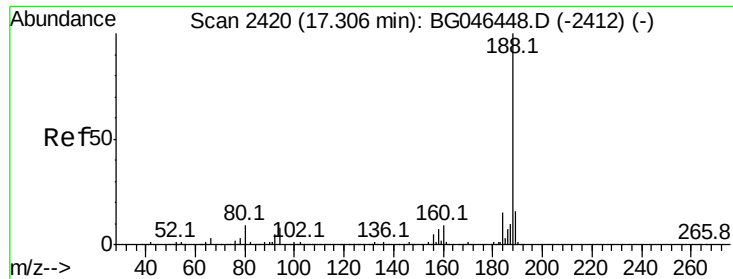
#45
 2-Fluorobiphenyl
 Concen: 79.038 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046580.D
 Acq: 9 Sep 2020 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.8	47.6
170	24.5	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: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046580.D

Acq: 9 Sep 2020 19:58

Instrument :

BNA_G

ClientSampleId :

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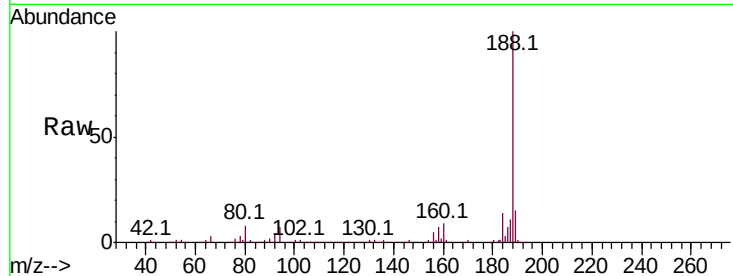
Tot Ion:188 Resp: 496992

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

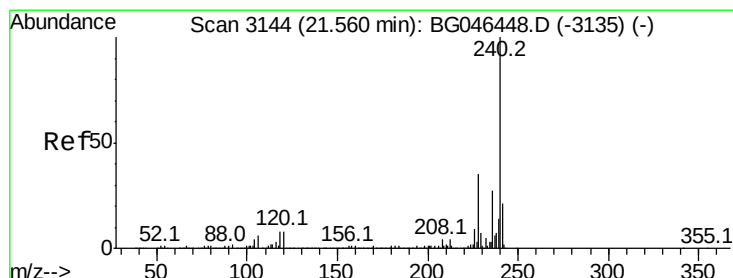
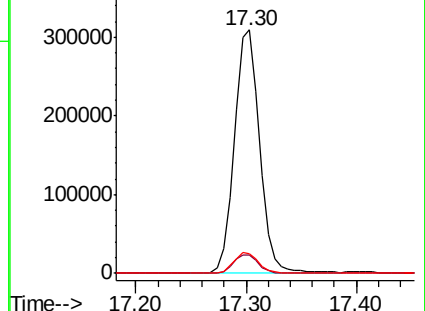
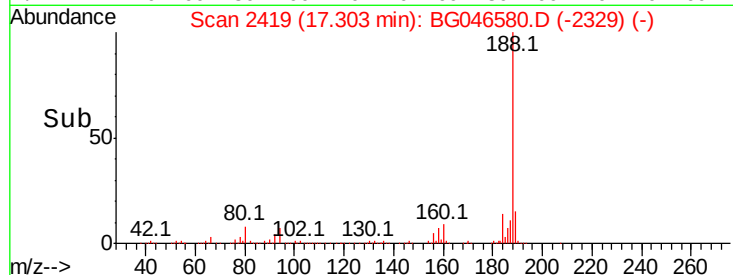
80 7.9 6.9 10.3



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: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046580.D

Acq: 9 Sep 2020 19:58

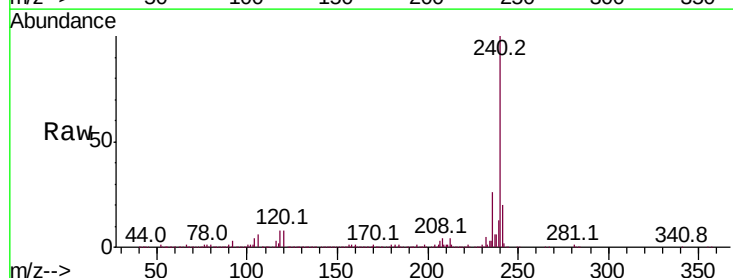
Tgt Ion:240 Resp: 496284

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

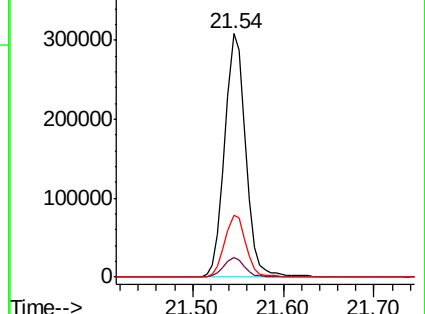
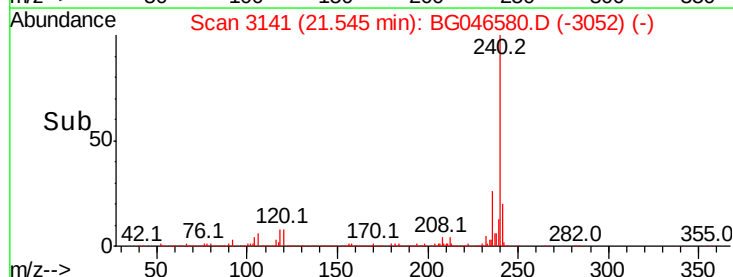
236 25.5 21.4 32.2

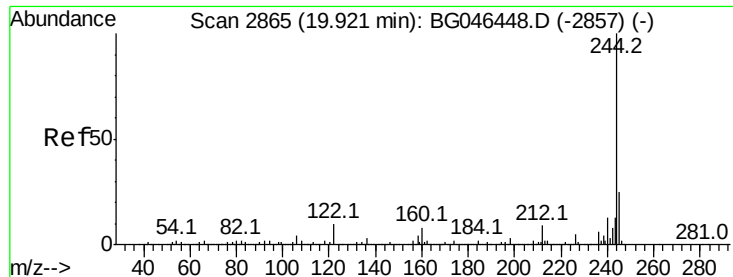


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.451 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046580.D

Acq: 9 Sep 2020 19:58

Instrument :

BNA_G

ClientSampleId :

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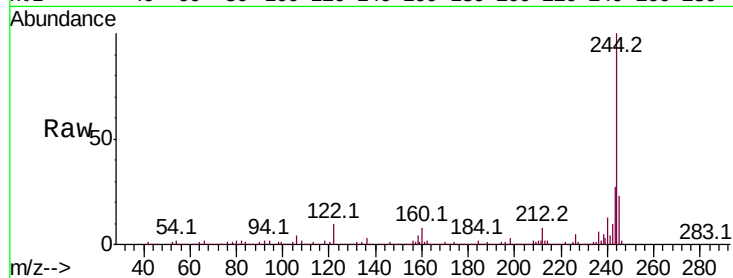
Tot Ion:244 Resp: 1736174

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

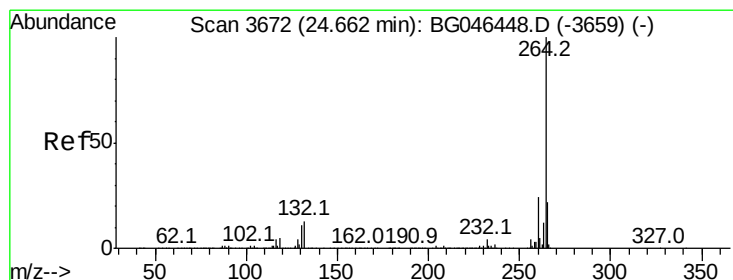
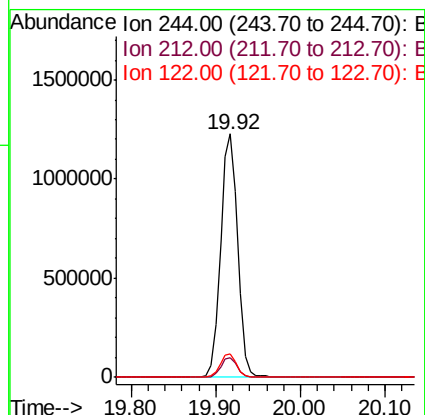
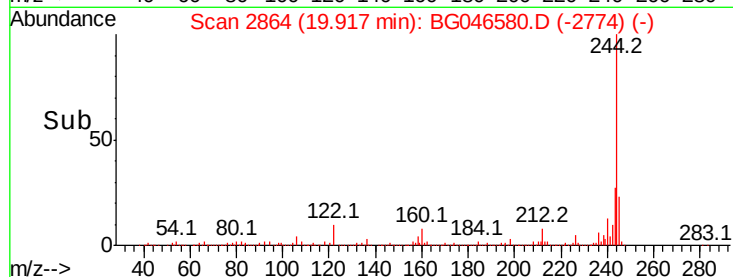
122 9.6 8.2 12.4



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: 24.65 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046580.D

Acq: 9 Sep 2020 19:58

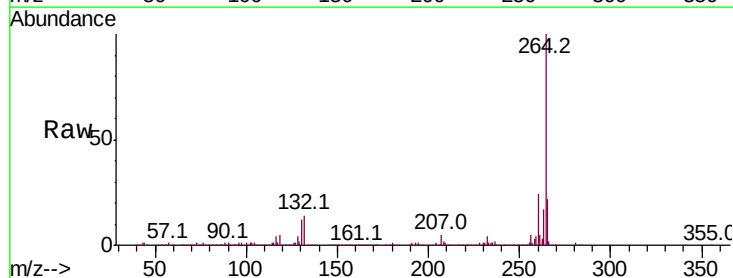
Tgt Ion:264 Resp: 489469

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 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

