

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046575.D
 Acq On : 9 Sep 2020 16:36
 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 17:51:25 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	7.92	152	55927	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	226245	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	162164	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	452645	20.00	ng	0.00
76) Chrysene-d12	21.55	240	497216	20.00	ng	0.00
86) Perylene-d12	24.64	264	486479	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	150988	47.82	ng	0.00
7) Phenol-d6	7.10	99	116348	25.99	ng	0.00
23) Nitrobenzene-d5	9.08	82	320865	81.06	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	275095	125.20	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	852826	80.28	ng	0.00
79) Terphenyl-d14	19.91	244	1747009	74.78	ng	0.00

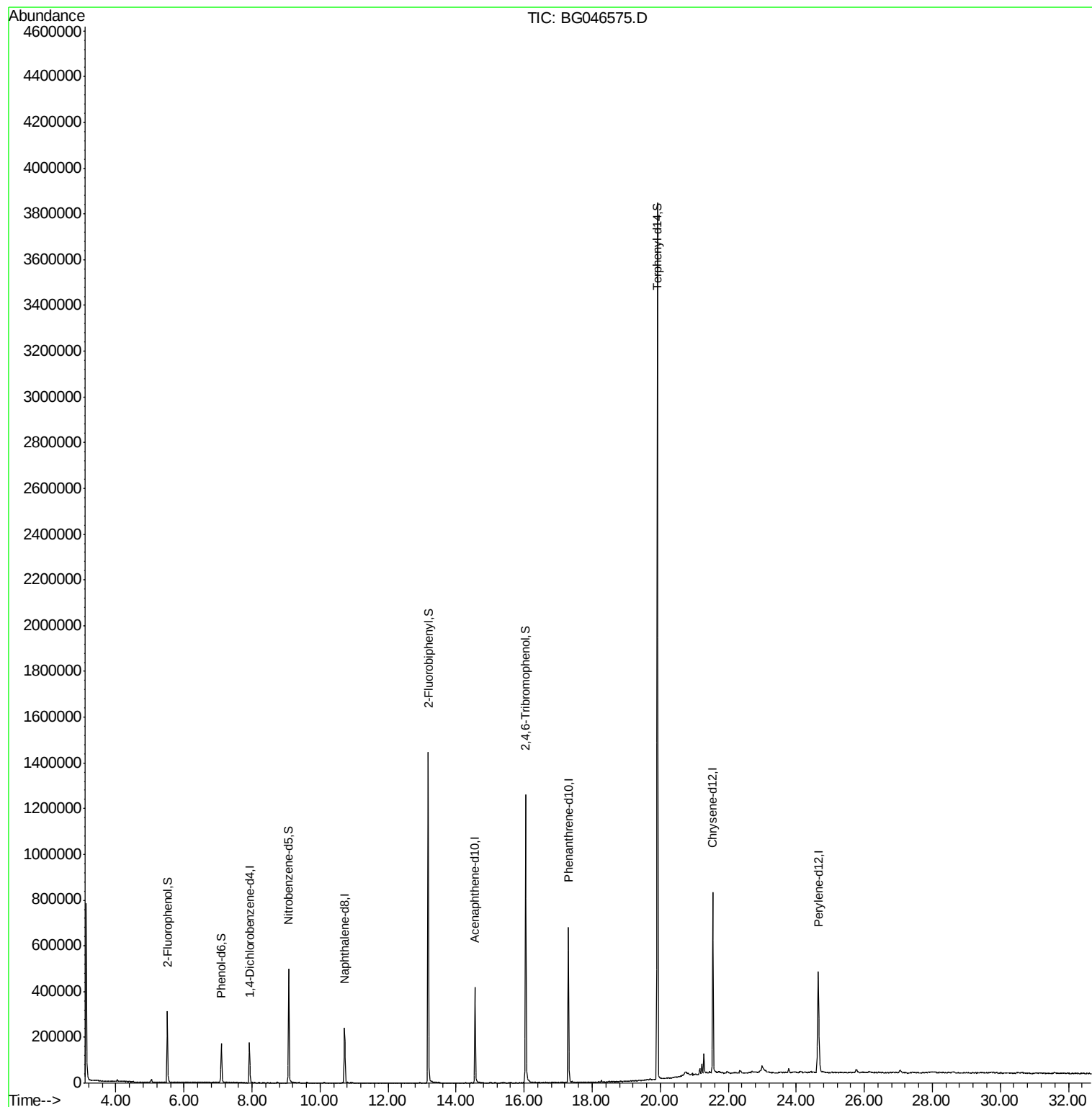
Target Compounds Qvalue

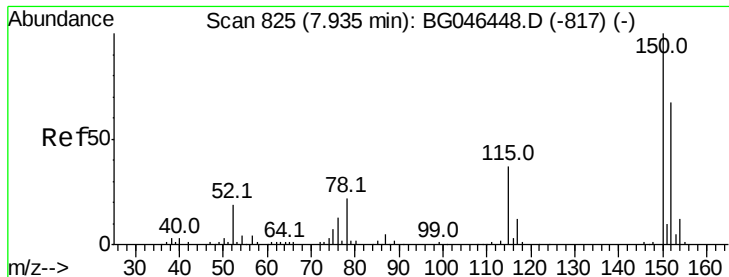
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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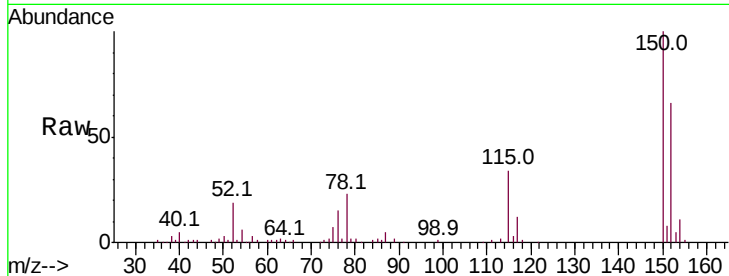


#1

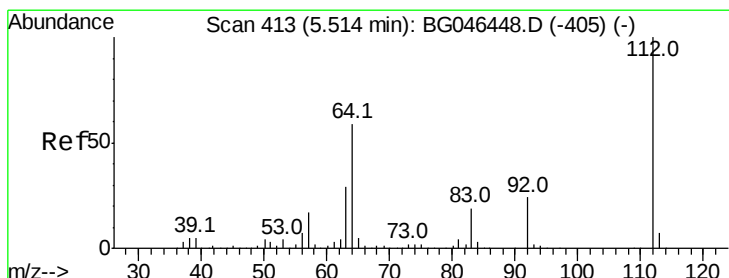
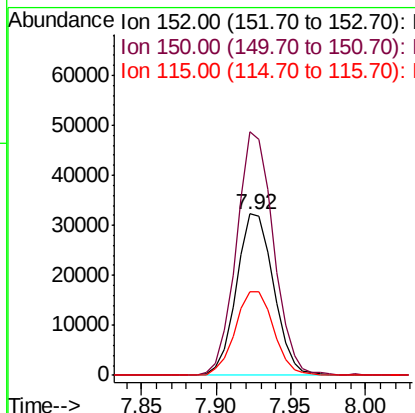
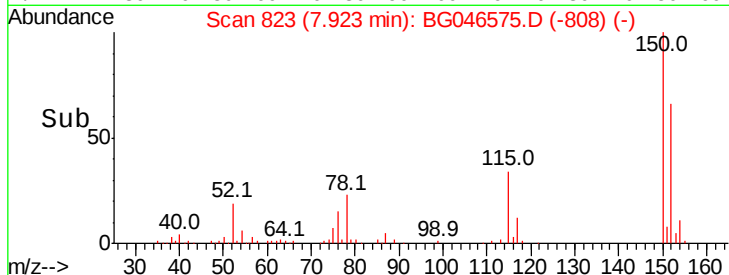
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046575.D
 Acq: 9 Sep 2020 16:36

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion:152 Resp: 55927
 Ion Ratio Lower Upper
 152 100
 150 150.6 119.5 179.3
 115 51.5 44.3 66.5



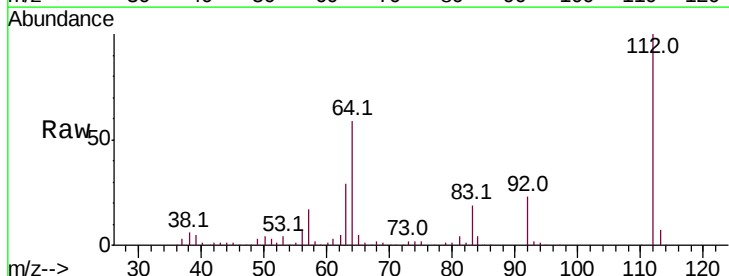
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



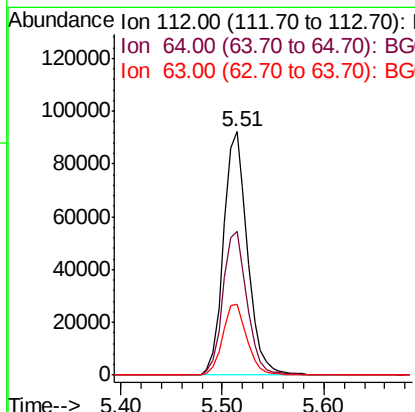
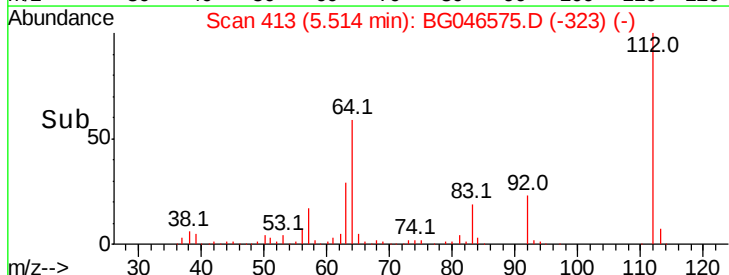
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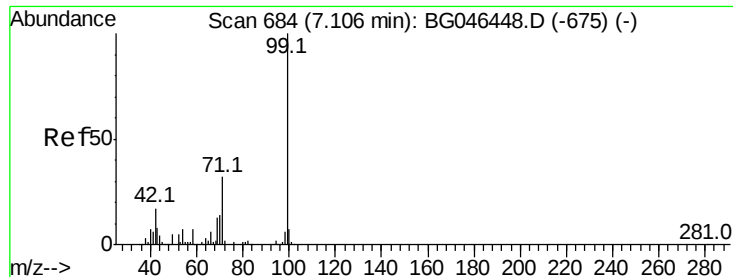
2-Fluorophenol
 Concen: 47.817 ng
 RT: 5.51 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BG046575.D
 Acq: 9 Sep 2020 16:36

Tgt Ion:112 Resp: 150988
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.0 70.6
 63 29.1 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: 25.992 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046575.D

Acq: 9 Sep 2020 16:36

Instrument :

BNA_G

ClientSampled :

FIELD-BLANK

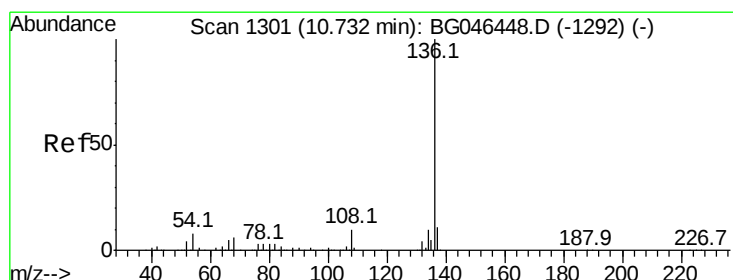
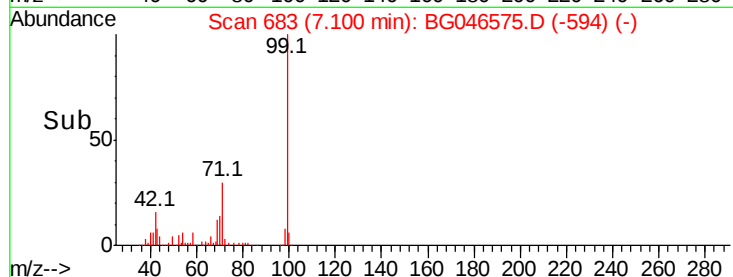
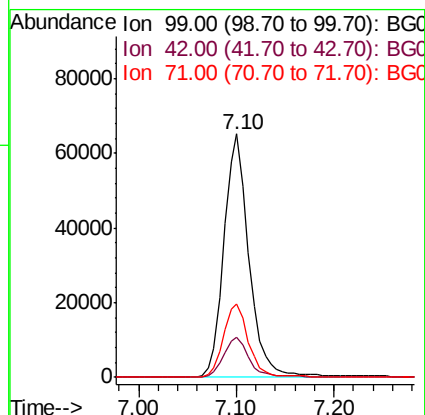
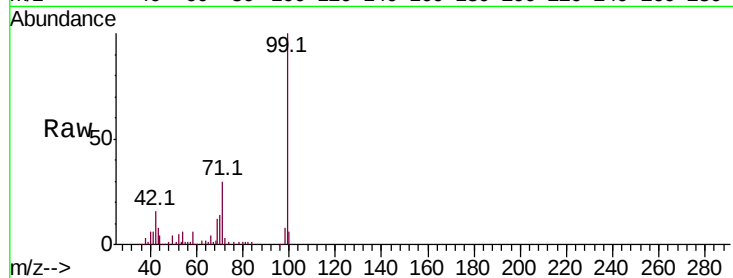
Tot Ion: 99 Resp: 116348

Ion Ratio Lower Upper

99 100

42 16.2 13.3 19.9

71 30.4 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG046575.D

Acq: 9 Sep 2020 16:36

Tgt Ion: 136 Resp: 226245

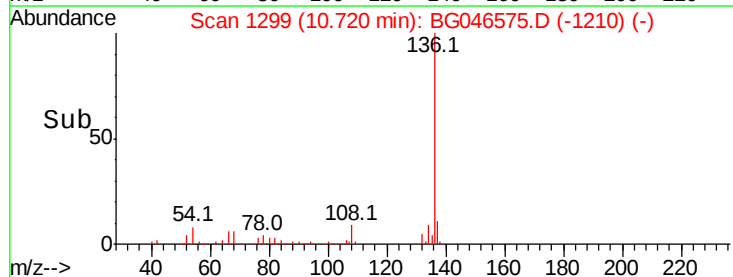
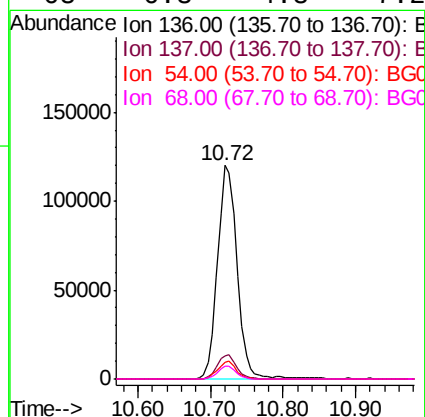
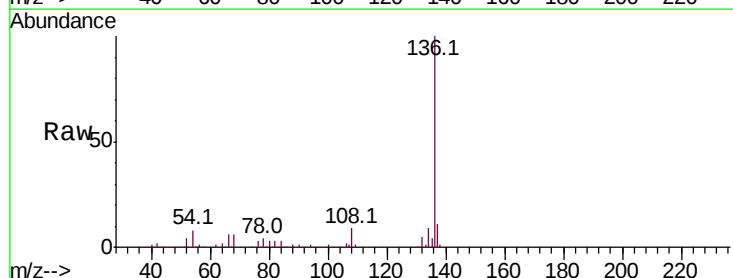
Ion Ratio Lower Upper

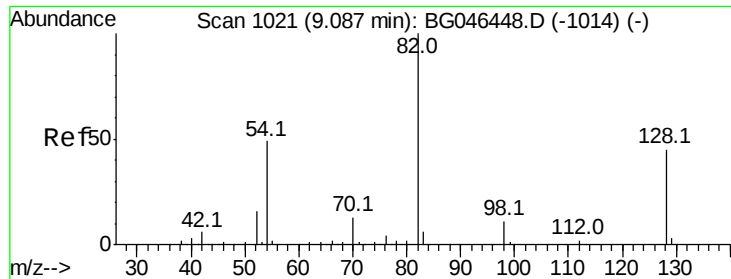
136 100

137 11.0 8.8 13.2

54 8.0 6.1 9.1

68 6.3 4.8 7.2

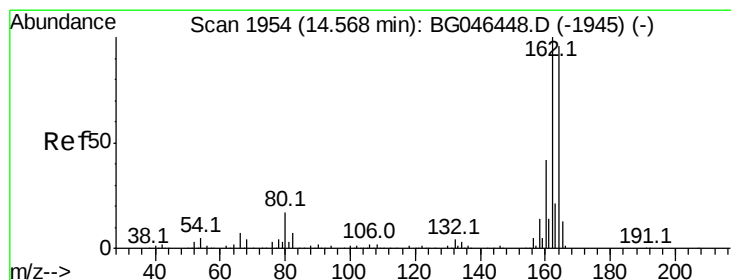
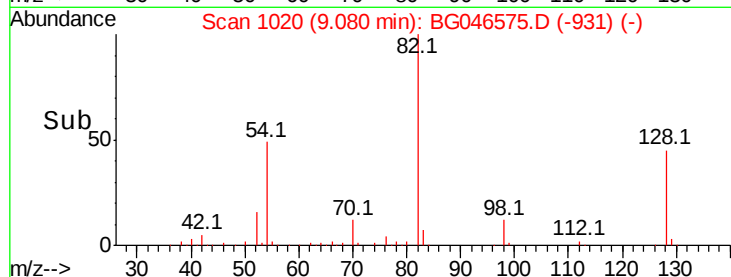
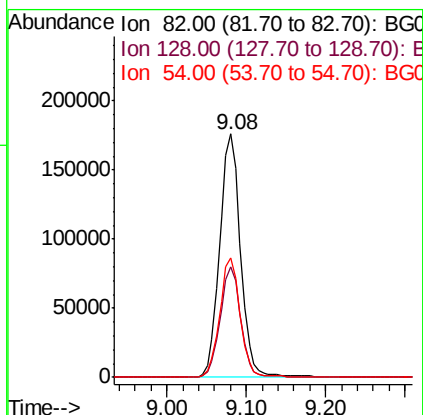
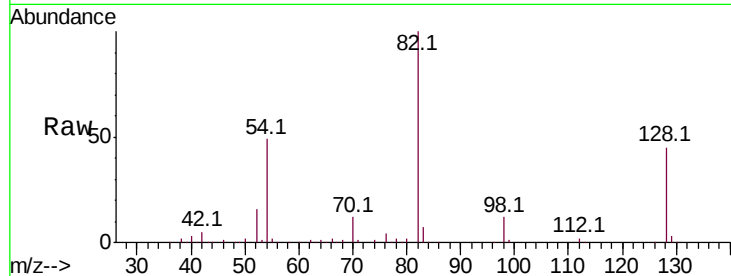




#23
Nitrobenzene-d5
Concen: 81.058 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046575.D
Acq: 9 Sep 2020 16:36

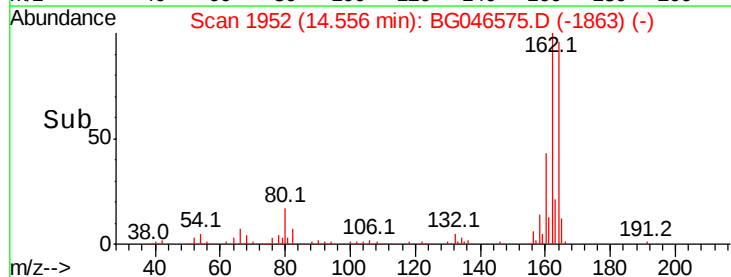
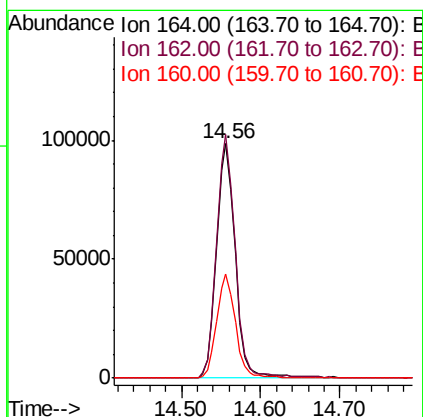
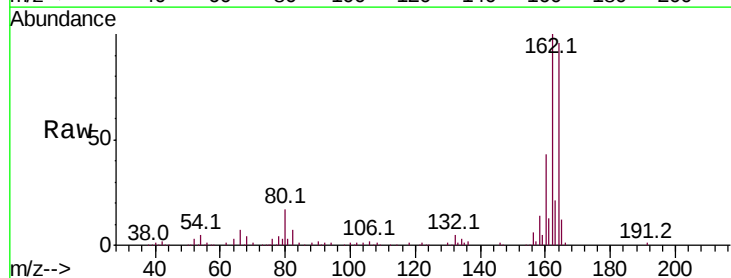
Instrument :
BNA_G
ClientSampleId :
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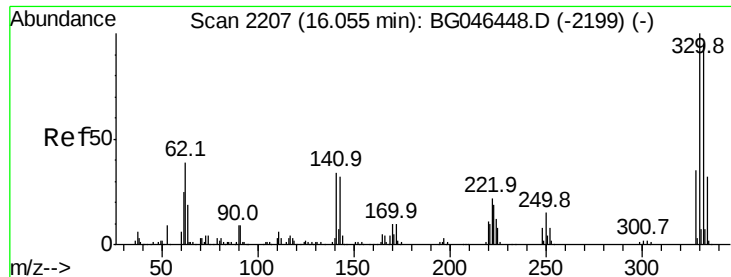
Tot Ion	82	Resp	320865
Ion Ratio	Lower	Upper	
82	100		
128	45.4	35.7	53.5
54	49.3	39.4	59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG046575.D
Acq: 9 Sep 2020 16:36

Tgt Ion	164	Resp	162164
Ion Ratio	Lower	Upper	
164	100		
162	103.9	83.3	124.9
160	44.2	35.0	52.6

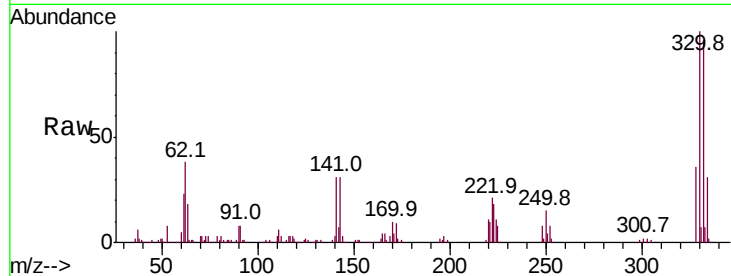




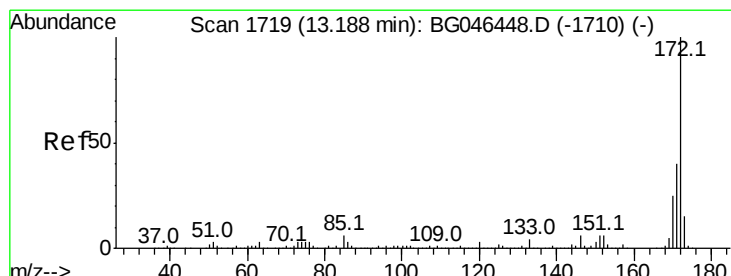
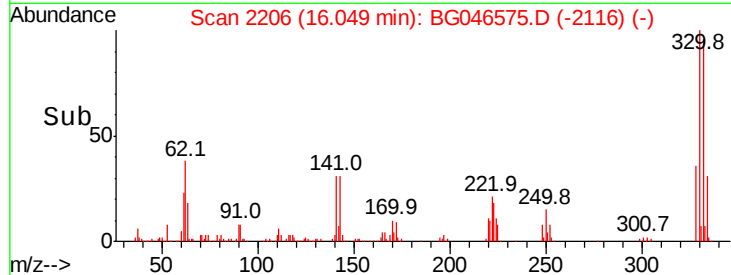
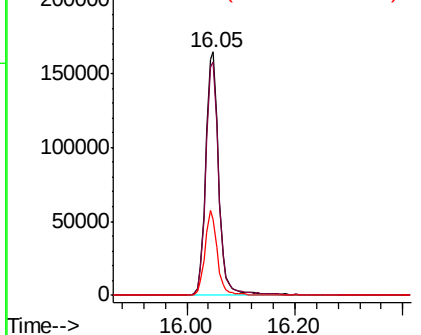
#42
 2,4,6-Tribromophenol
 Concen: 125.202 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG046575.D
 Acq: 9 Sep 2020 16:36

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.1	114.1
141	32.6	26.1	39.1

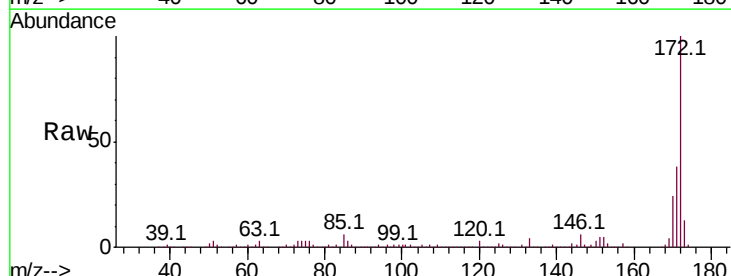


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

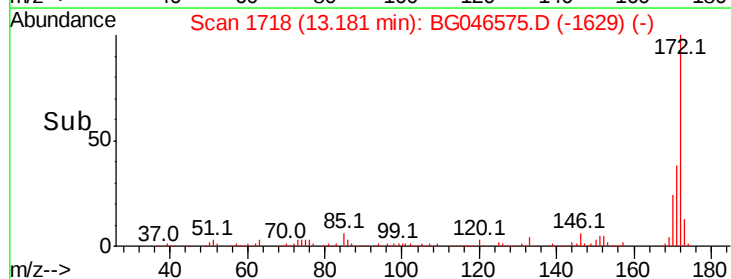
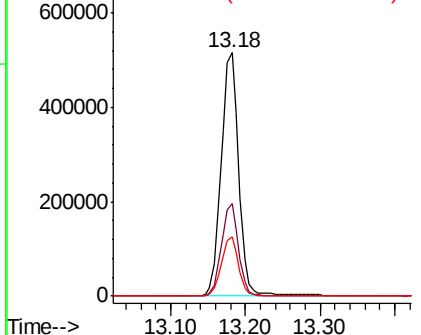


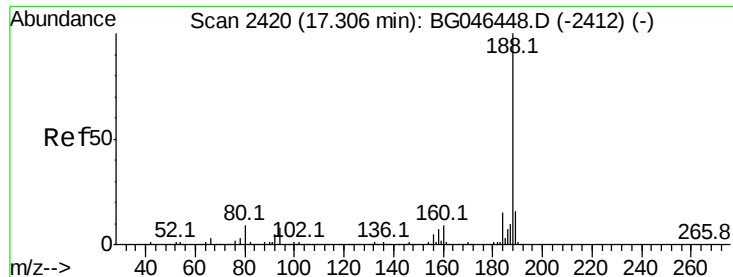
#45
 2-Fluorobiphenyl
 Concen: 80.282 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046575.D
 Acq: 9 Sep 2020 16:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.8	47.6
170	24.2	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. -0.01 min

Lab File: BG046575.D

Acq: 9 Sep 2020 16:36

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

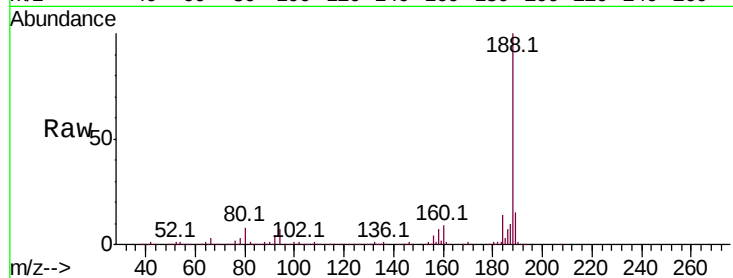
Tot Ion:188 Resp: 452645

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

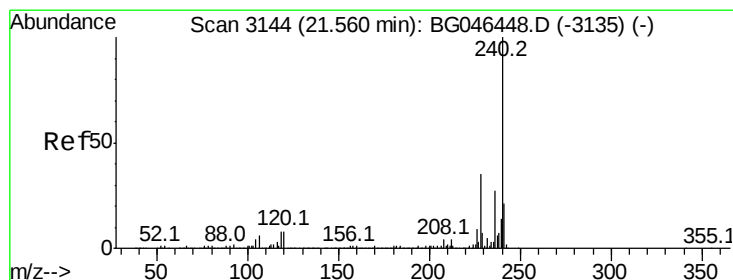
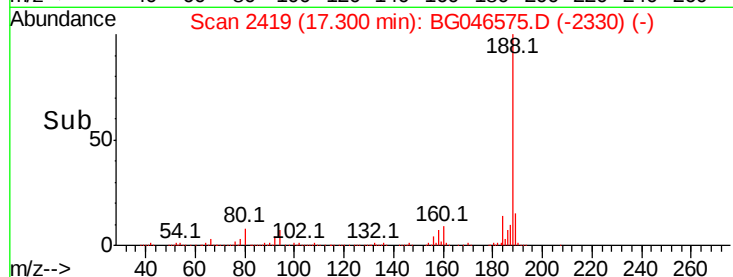
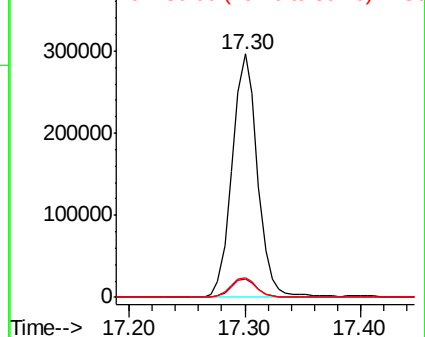
80 8.0 6.9 10.3



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: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG046575.D

Acq: 9 Sep 2020 16:36

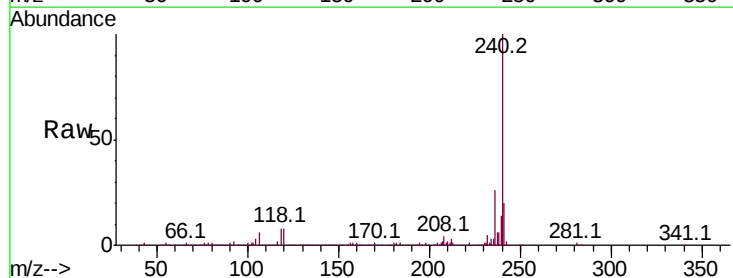
Tgt Ion:240 Resp: 497216

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

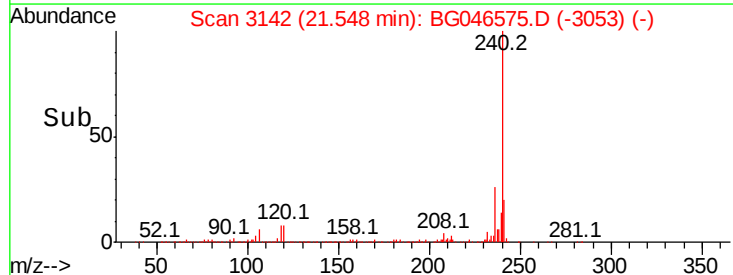
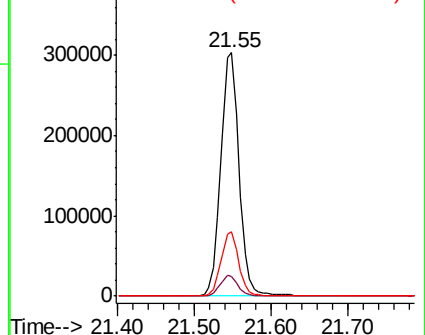
236 26.3 21.4 32.2

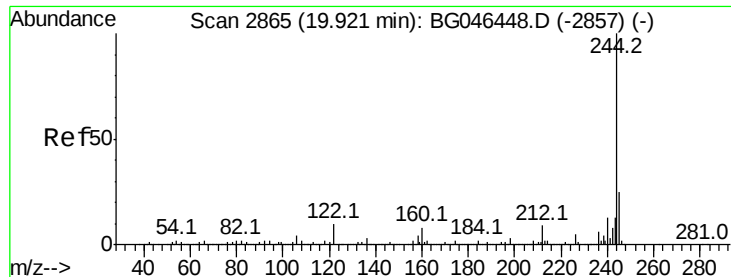


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



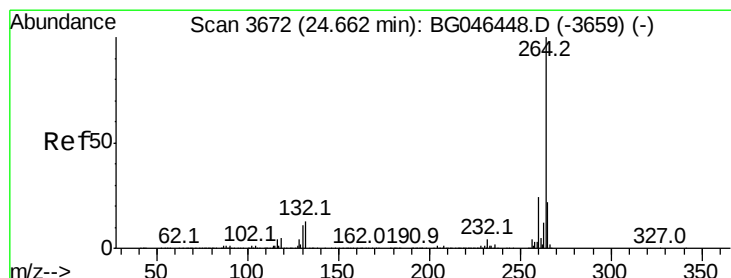
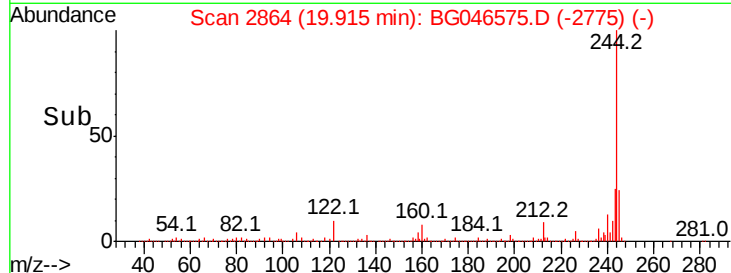
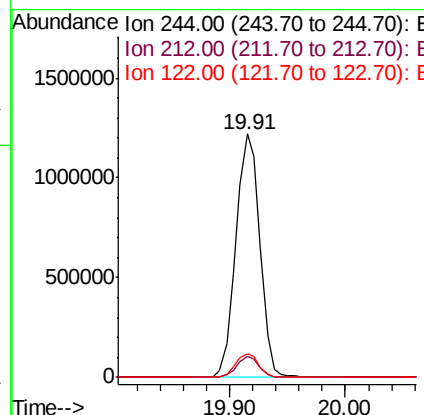
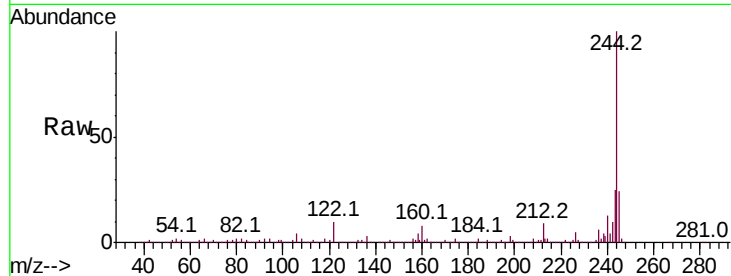


#79
 Terphenyl-d14
 Concen: 74.775 ng
 RT: 19.91 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG046575.D
 Acq: 9 Sep 2020 16:36

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tot Ion:244 Resp: 1747009

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	9.6	8.2	12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.64 min Scan# 3669
 Delta R.T. -0.01 min
 Lab File: BG046575.D
 Acq: 9 Sep 2020 16:36

Tgt Ion:264 Resp: 486479

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.1	17.9	26.9

