

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
 Data File : BG046587.D
 Acq On : 10 Sep 2020 18:31
 Operator : CG/JU
 Sample : L3931-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-1

Quant Time: Sep 10 19:09:20 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	73135	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	288554	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	199698	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	471808	20.00	ng	0.00
76) Chrysene-d12	21.55	240	485346	20.00	ng	0.00
86) Perylene-d12	24.65	264	467651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	438430	106.18	ng	0.00
7) Phenol-d6	7.10	99	533593	91.16	ng	0.00
23) Nitrobenzene-d5	9.08	82	419125	83.02	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	293395	108.43	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1068509	81.68	ng	0.00
79) Terphenyl-d14	19.92	244	1767281	77.49	ng	0.00

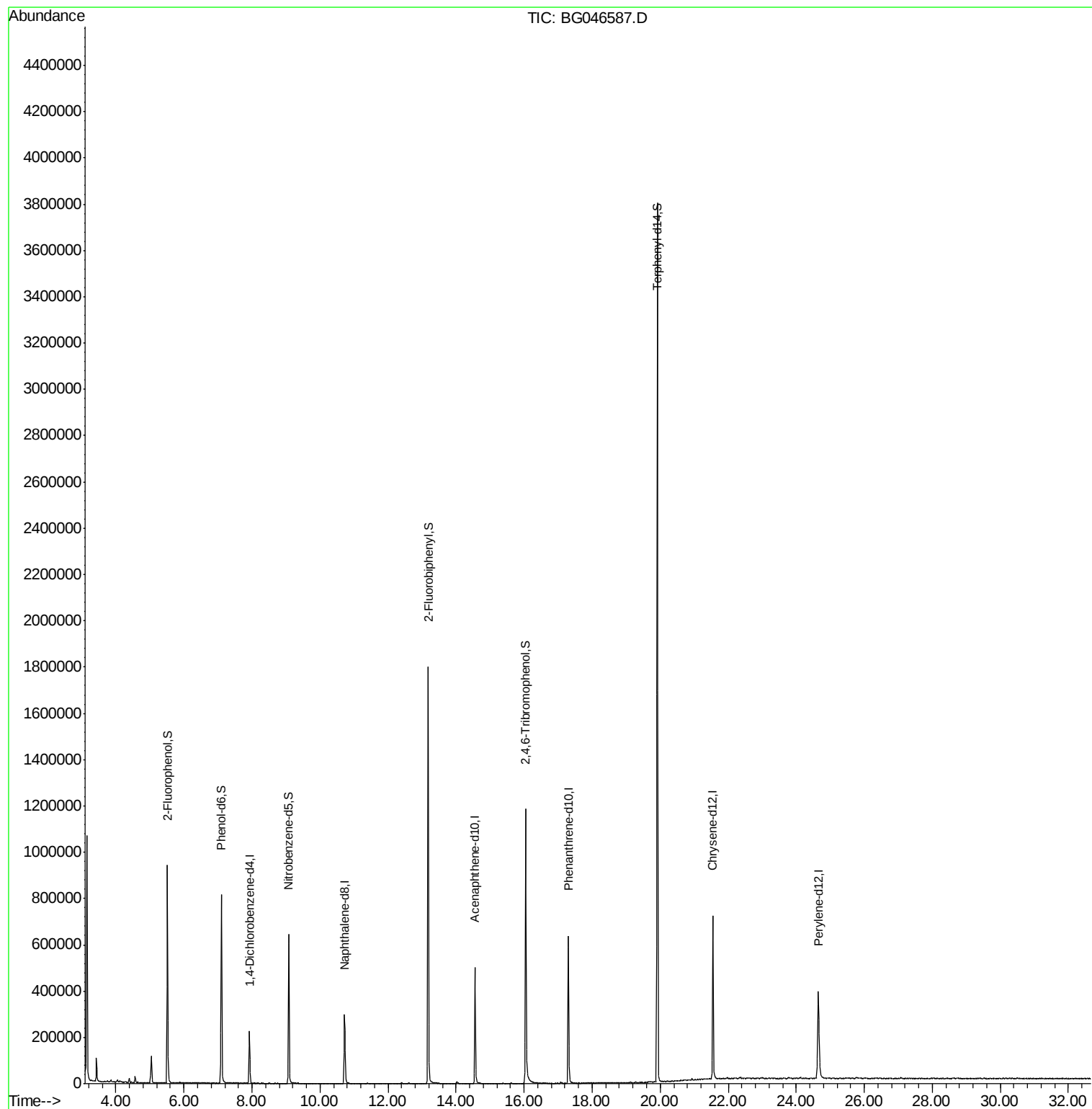
Target Compounds Qvalue

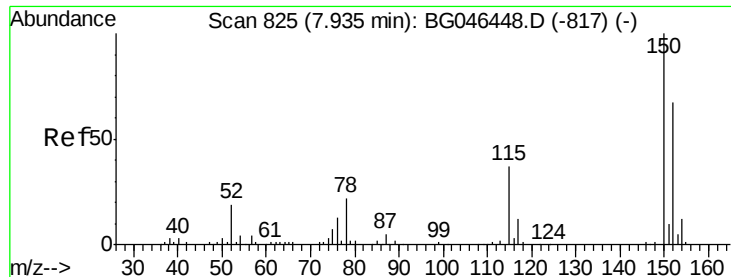
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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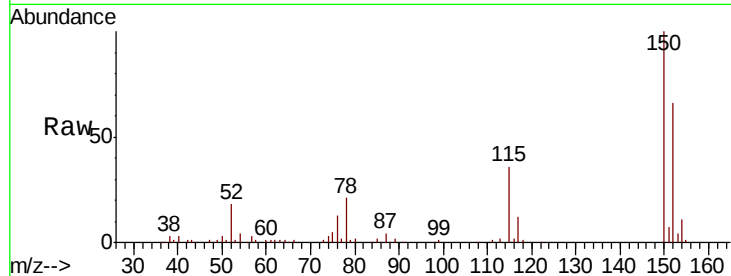


#1

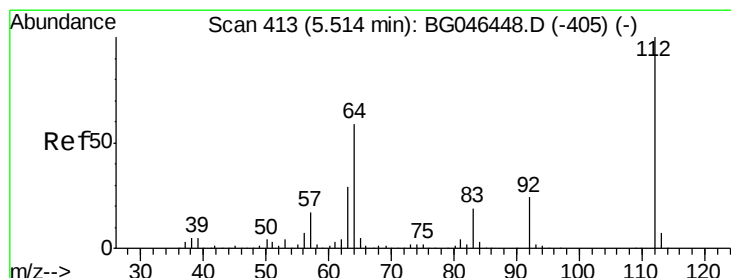
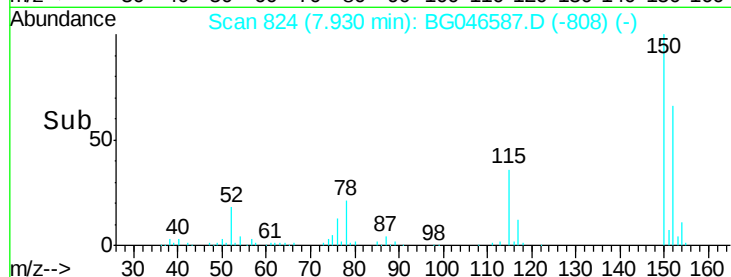
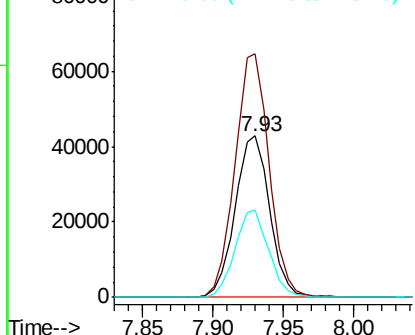
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046587.D
Acq: 10 Sep 2020 18:31

Instrument :
BNA_G
ClientSampleId :
SP-1-1

Tot Ion:152 Resp: 73135
Ion Ratio Lower Upper
152 100
150 150.9 119.5 179.3
115 54.1 44.3 66.5



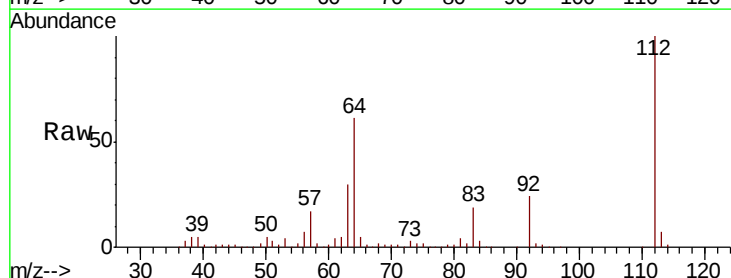
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



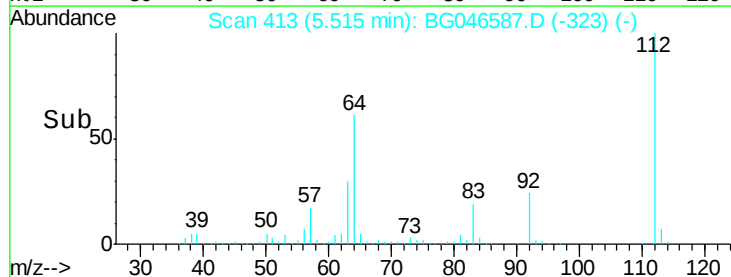
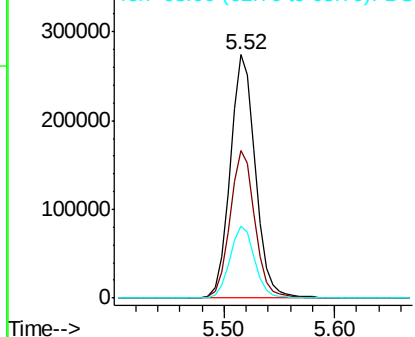
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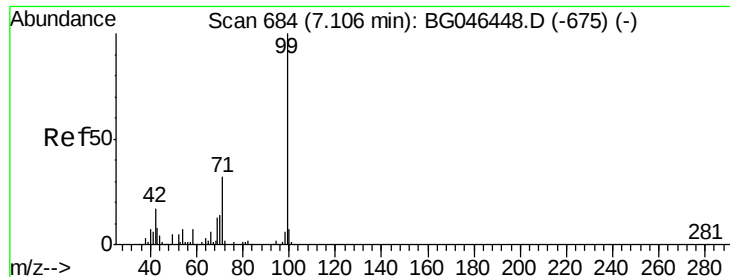
2-Fluorophenol
Concen: 106.179 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046587.D
Acq: 10 Sep 2020 18:31

Tgt Ion:112 Resp: 438430
Ion Ratio Lower Upper
112 100
64 60.8 47.0 70.6
63 29.6 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 91.158 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046587.D

Acq: 10 Sep 2020 18:31

Instrument :

BNA_G

ClientSampleId :

SP-1-1

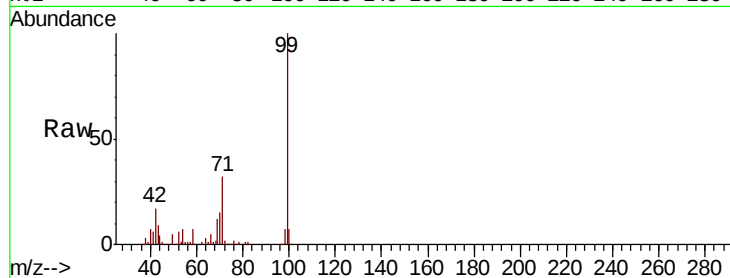
Tot Ion: 99 Resp: 533593

Ion Ratio Lower Upper

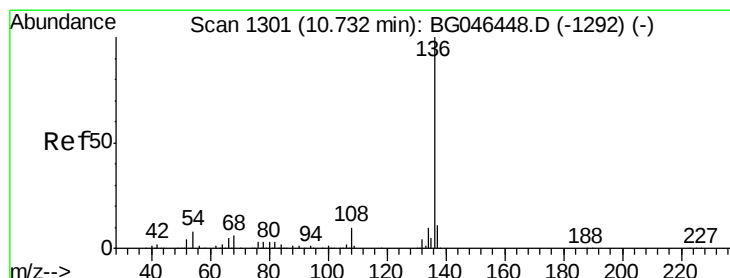
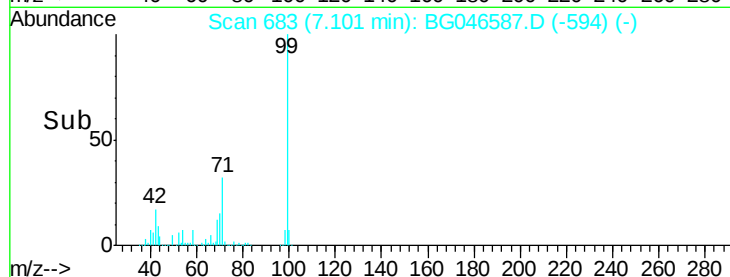
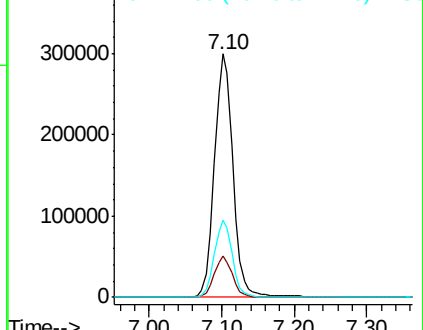
99 100

42 16.8 13.3 19.9

71 31.9 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: BG046587.D

Acq: 10 Sep 2020 18:31

Tgt Ion: 136 Resp: 288554

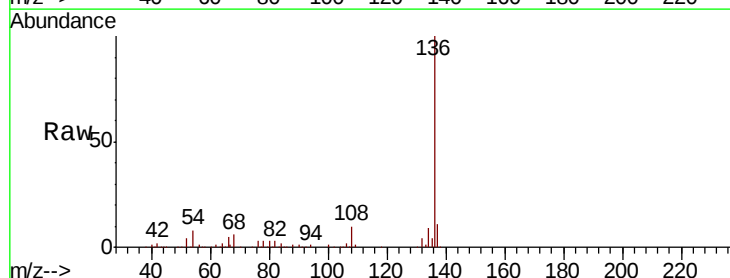
Ion Ratio Lower Upper

136 100

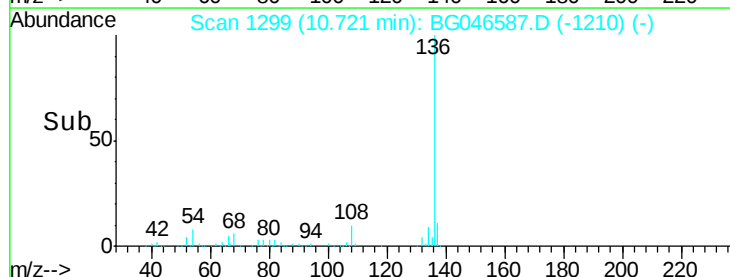
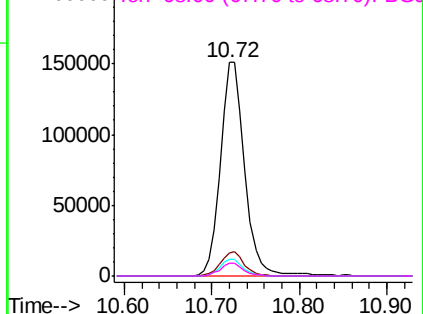
137 11.0 8.8 13.2

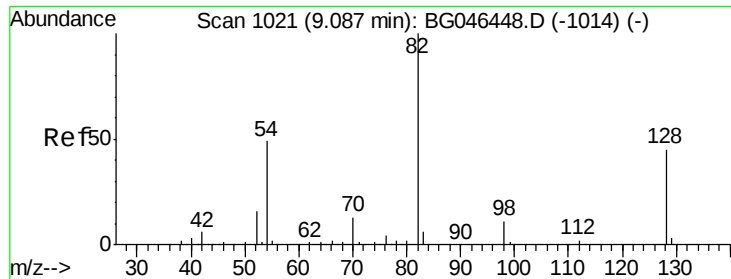
54 7.9 6.1 9.1

68 6.1 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

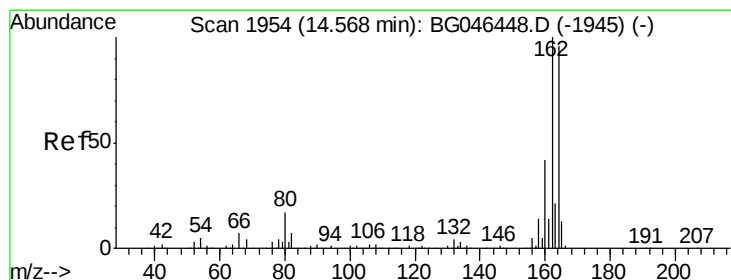
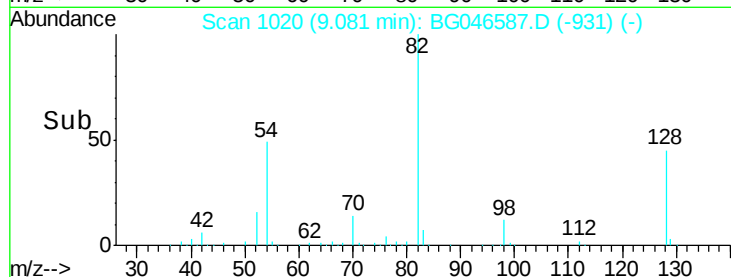
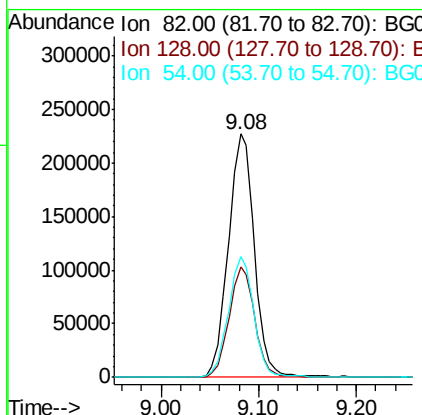
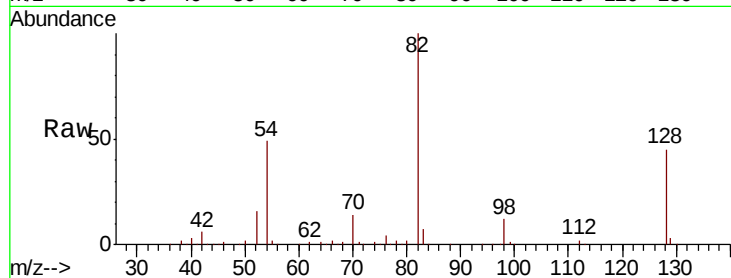




#23
 Nitrobenzene-d5
 Concen: 83.018 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046587.D
 Acq: 10 Sep 2020 18:31

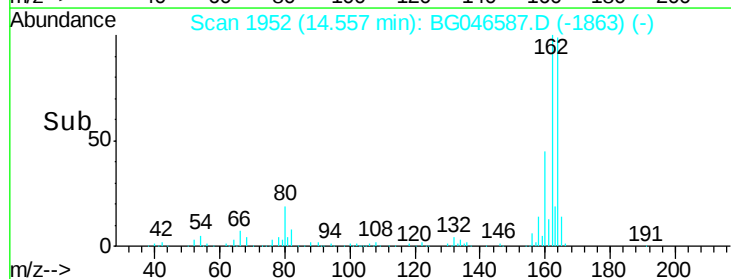
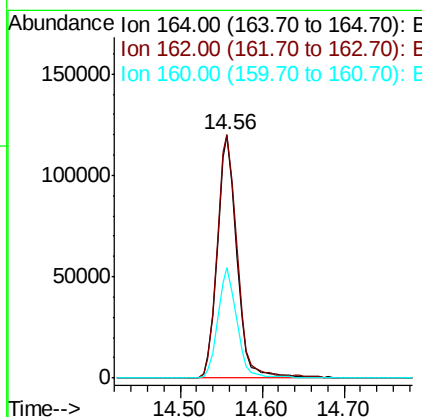
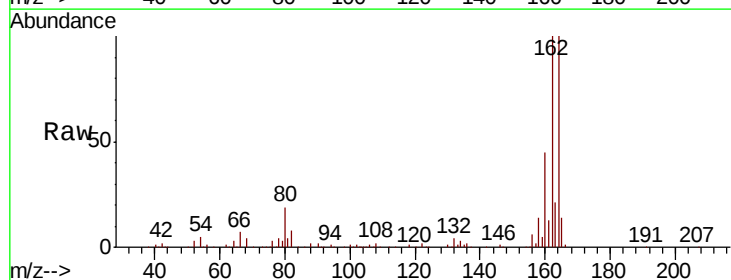
Instrument :
 BNA_G
 ClientSampleID :
 SP-1-1

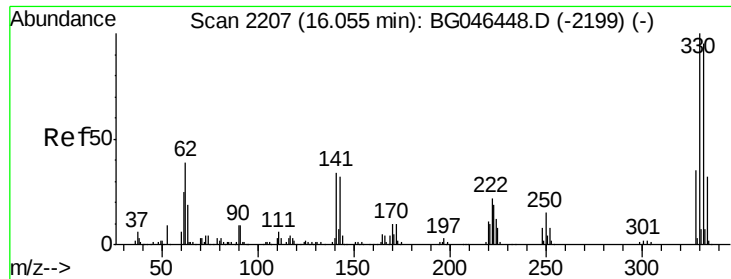
Tot Ion	82	Resp	419125
Ion Ratio	100	Lower	Upper
128	45.1	35.7	53.5
54	49.4	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046587.D
 Acq: 10 Sep 2020 18:31

Tgt Ion	164	Resp	199698
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.4	83.3	124.9
160	45.7	35.0	52.6

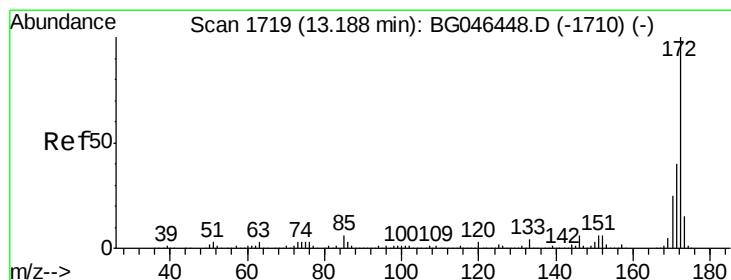
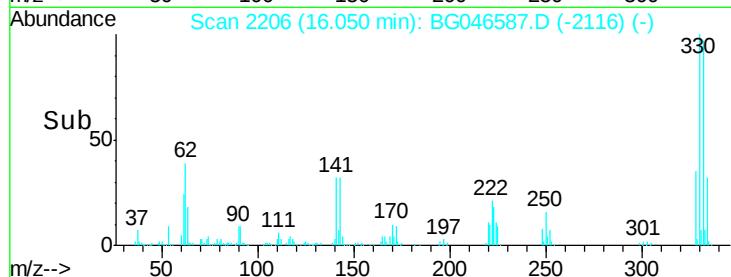
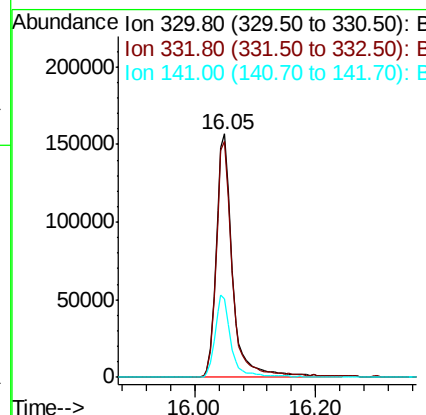
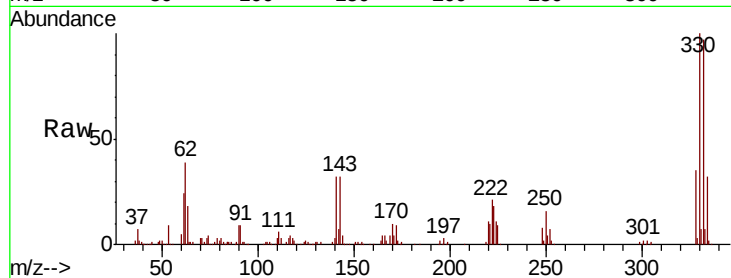




#42
 2,4,6-Tribromophenol
 Concen: 108.433 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046587.D
 Acq: 10 Sep 2020 18:31

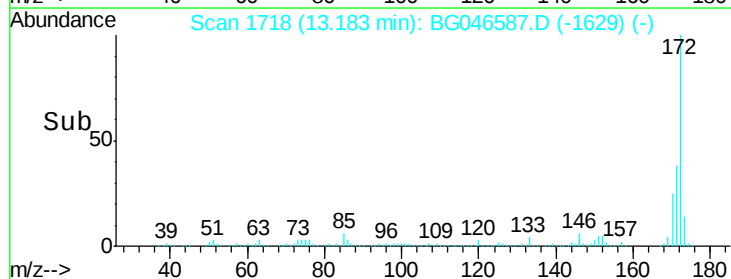
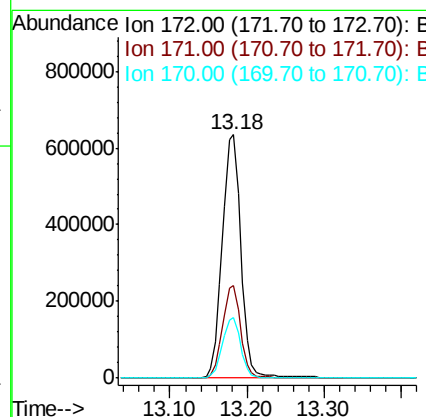
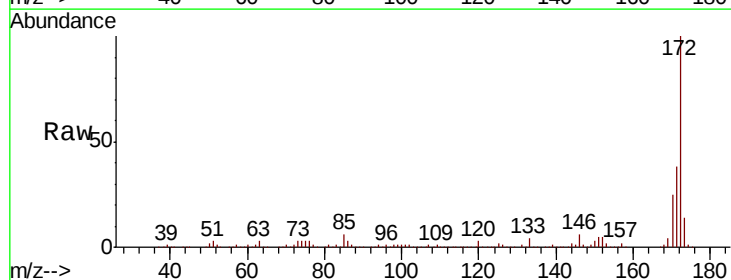
Instrument :
 BNA_G
 ClientSampleId :
 SP-1-1

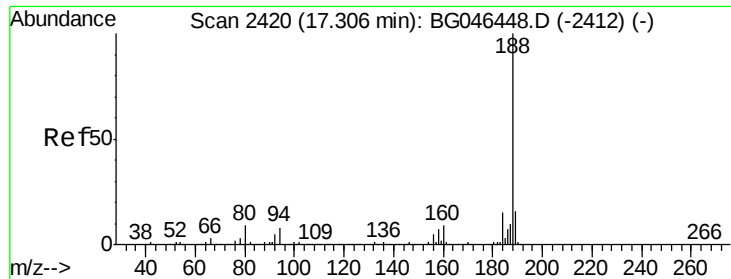
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.1	114.1
141	33.2	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 81.681 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046587.D
 Acq: 10 Sep 2020 18:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.8	47.6
170	24.9	20.3	30.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046587.D

Acq: 10 Sep 2020 18:31

Instrument :

BNA_G

ClientSampleId :

SP-1-1

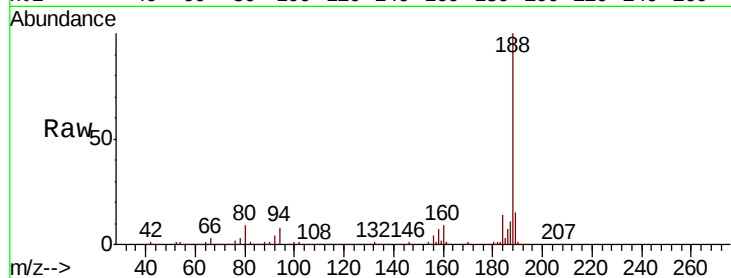
Tot Ion:188 Resp: 471808

Ion Ratio Lower Upper

188 100

94 8.2 6.3 9.5

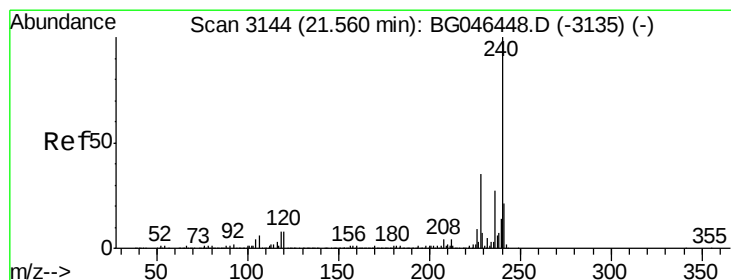
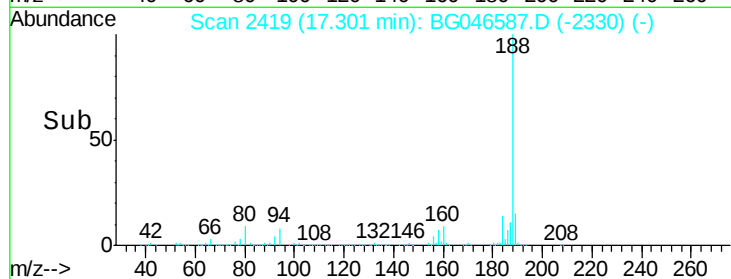
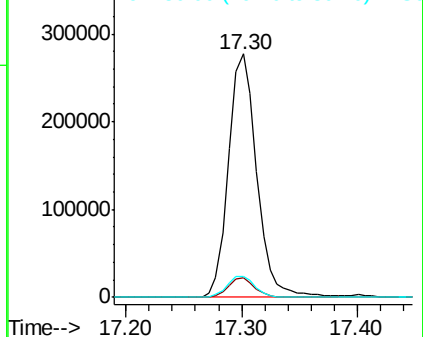
80 8.5 6.9 10.3



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. -0.00 min

Lab File: BG046587.D

Acq: 10 Sep 2020 18:31

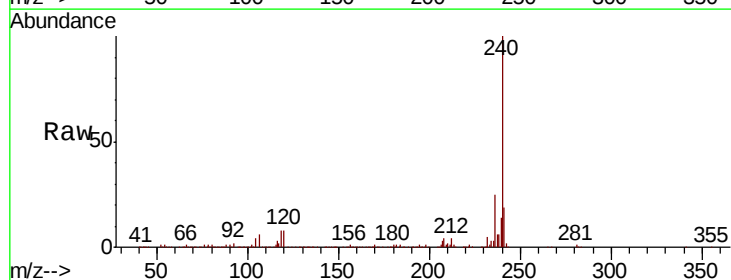
Tgt Ion:240 Resp: 485346

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

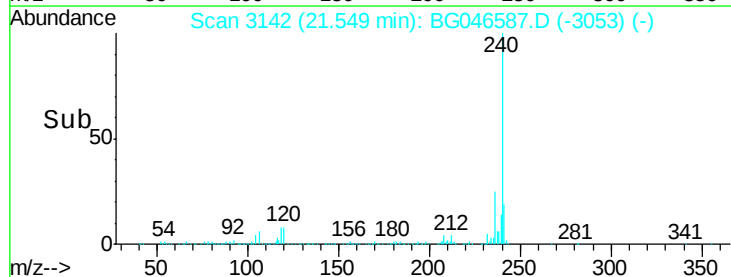
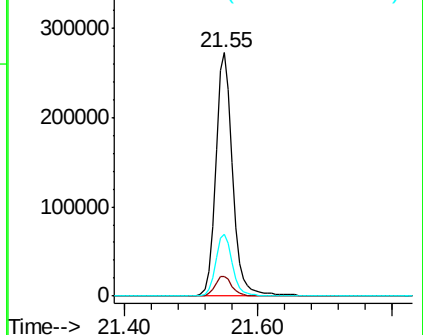
236 25.2 21.4 32.2

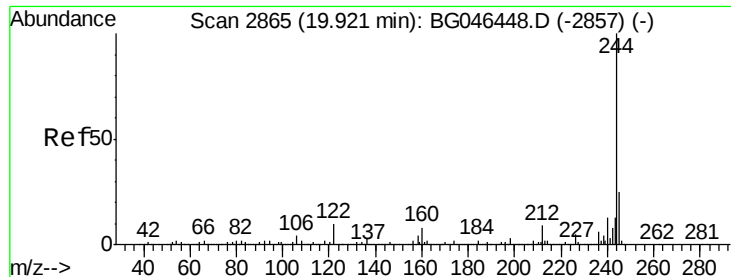


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.493 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046587.D

Acq: 10 Sep 2020 18:31

Instrument :

BNA_G

ClientSampleId :

SP-1-1

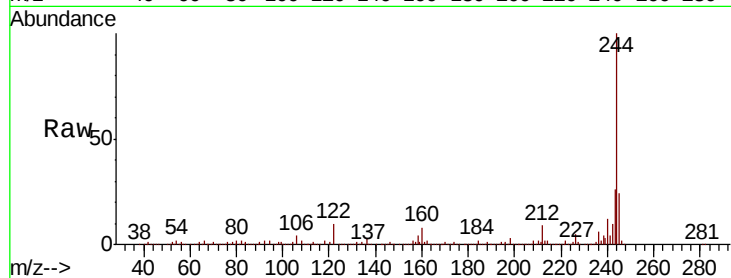
Tot Ion:244 Resp: 1767281

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

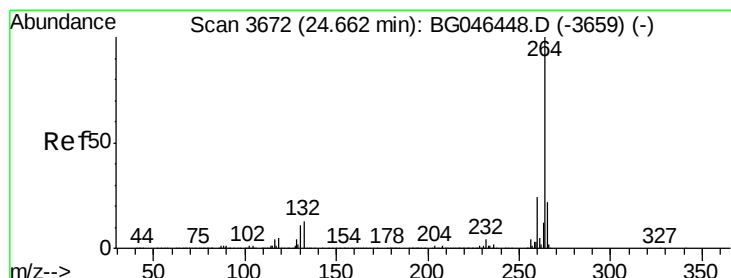
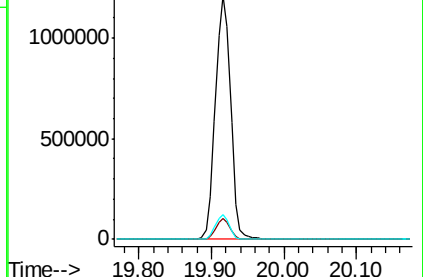
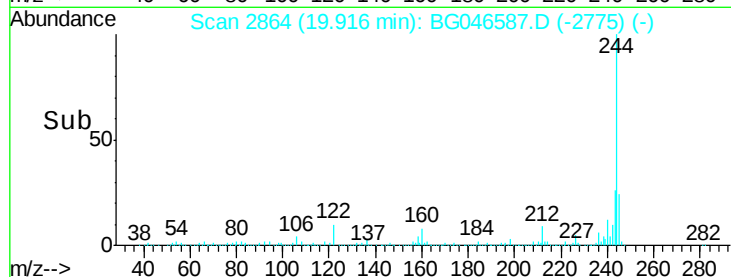
122 10.1 8.2 12.4



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# 3670

Delta R.T. -0.00 min

Lab File: BG046587.D

Acq: 10 Sep 2020 18:31

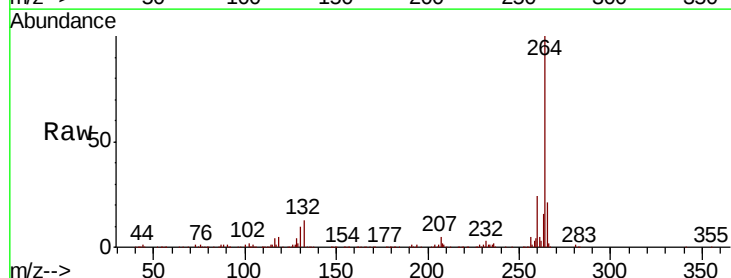
Tgt Ion:264 Resp: 467651

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.8 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

