

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046280.D
 Acq On : 14 Aug 2020 17:59
 Operator : CG/JU
 Sample : L3659-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-3

Quant Time: Aug 17 05:28:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	82798	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	329345	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	214433	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	529037	20.00	ng	0.00
76) Chrysene-d12	21.56	240	611586	20.00	ng	-0.01
86) Perylene-d12	24.67	264	611974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	583335	122.47	ng	0.00
7) Phenol-d6	7.12	99	702904	108.28	ng	0.00
23) Nitrobenzene-d5	9.10	82	537810	88.41	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	450022	136.63	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1274786	86.36	ng	0.00
79) Terphenyl-d14	19.93	244	2225145	74.10	ng	0.00

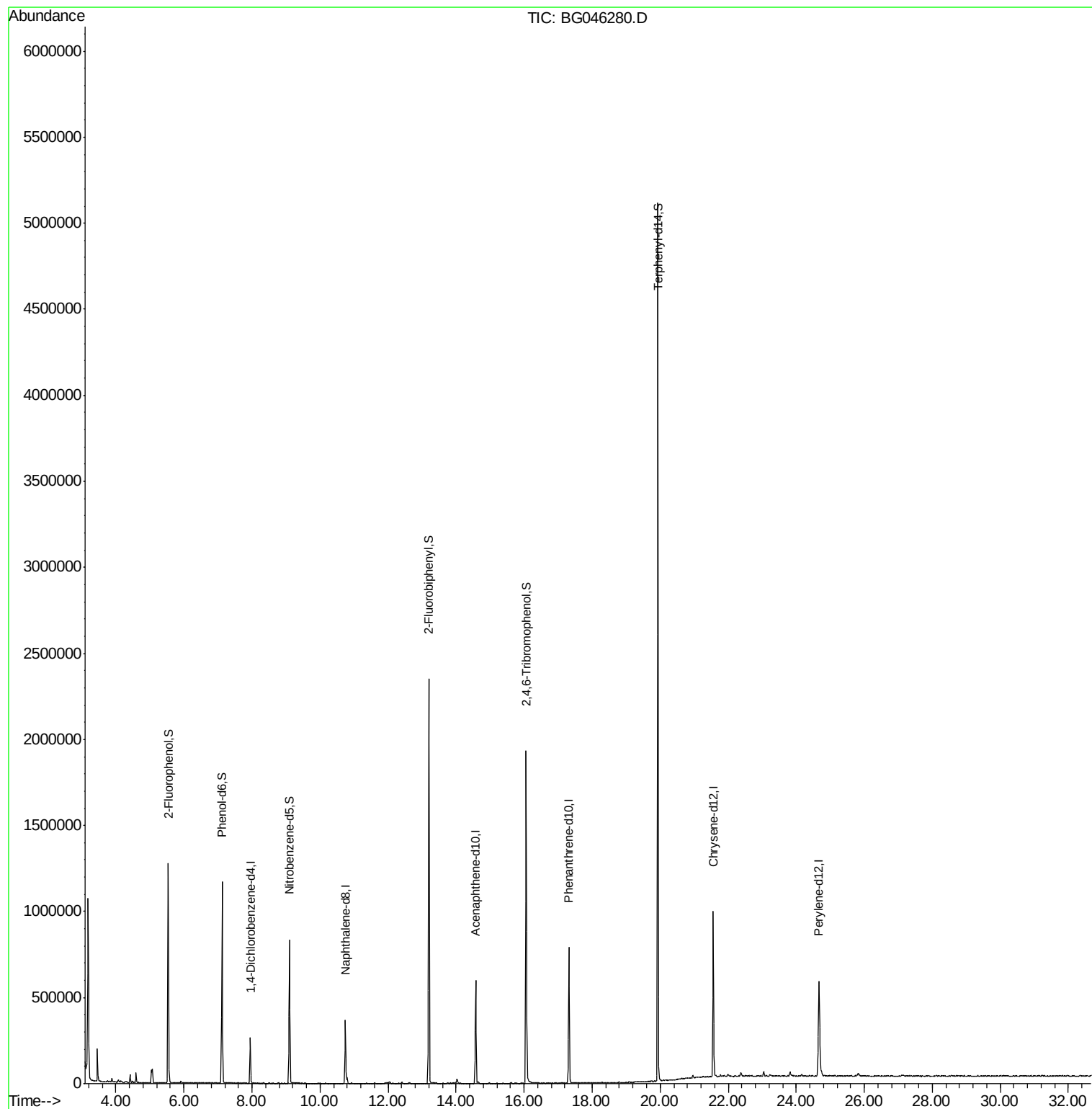
Target Compounds Qvalue

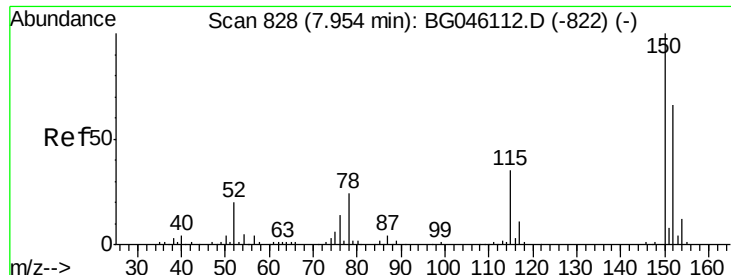
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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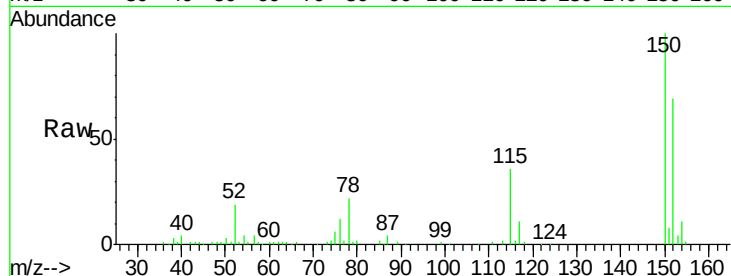


#1

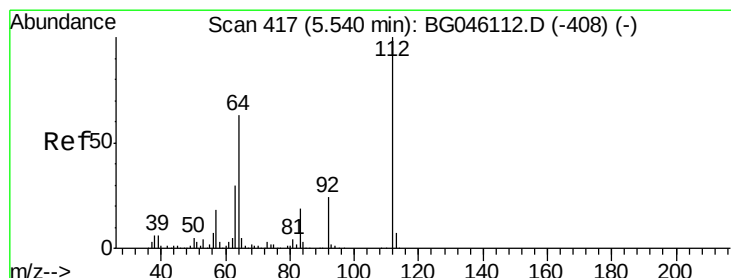
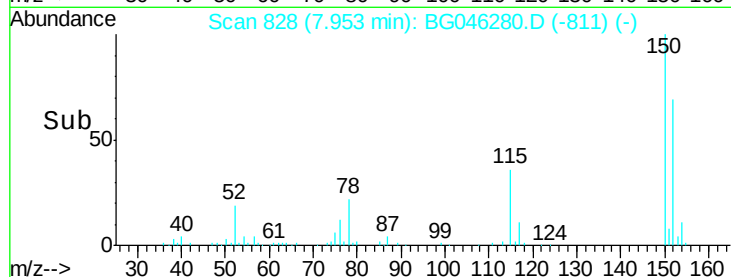
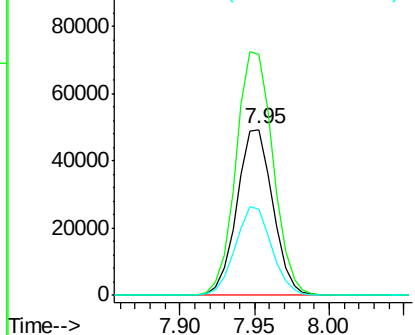
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046280.D
Acq: 14 Aug 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SP1-3

Tot Ion:152 Resp: 82798
Ion Ratio Lower Upper
152 100
150 145.0 122.1 183.1
115 51.8 43.2 64.8



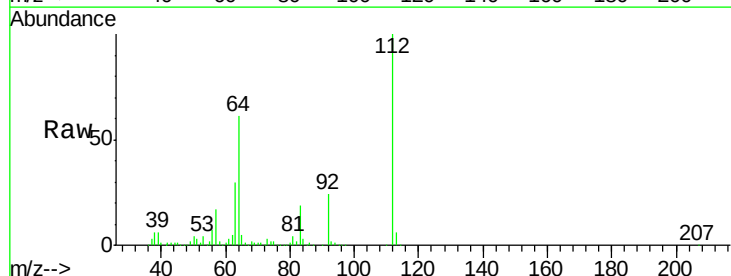
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



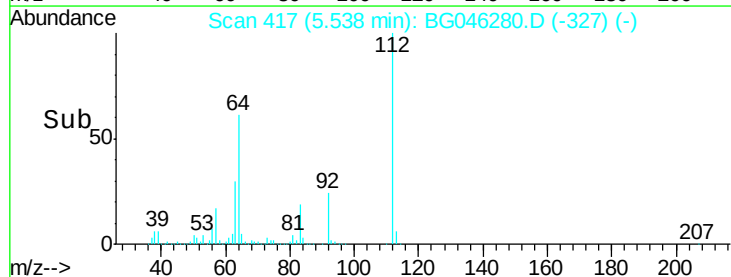
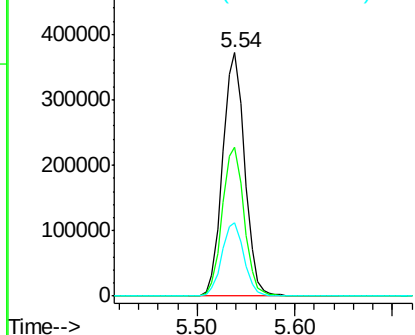
#5

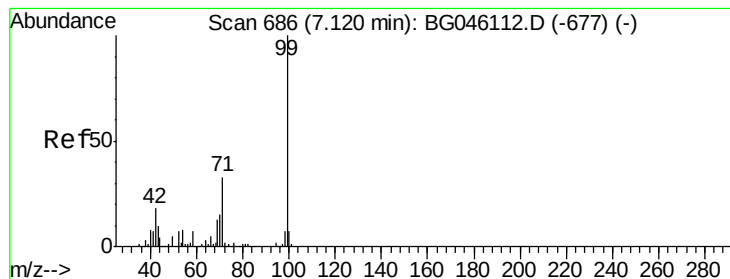
2-Fluorophenol
Concen: 122.473 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046280.D
Acq: 14 Aug 2020 17:59

Tgt Ion:112 Resp: 583335
Ion Ratio Lower Upper
112 100
64 61.4 50.2 75.2
63 29.9 24.2 36.4



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: 108.284 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046280.D

Acq: 14 Aug 2020 17:59

Instrument :

BNA_G

ClientSampled :

SP1-3

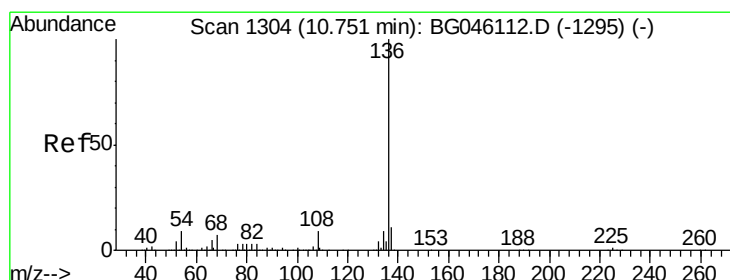
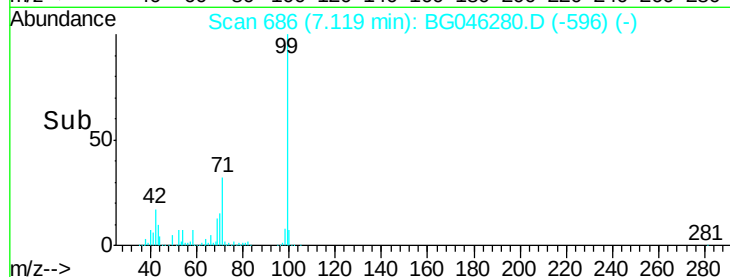
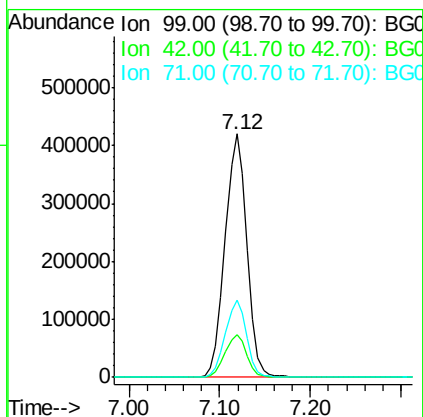
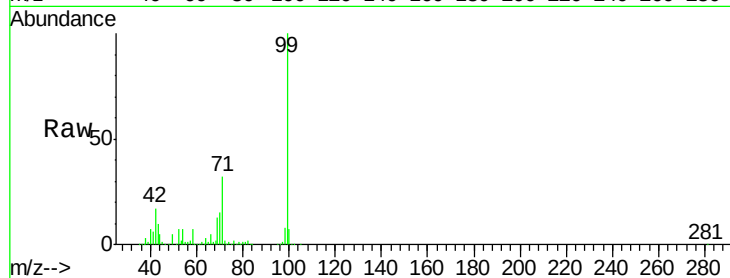
Tot Ion: 99 Resp: 702904

Ion Ratio Lower Upper

99 100

42 17.5 14.7 22.1

71 31.7 26.5 39.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.74 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG046280.D

Acq: 14 Aug 2020 17:59

Tgt Ion: 136 Resp: 329345

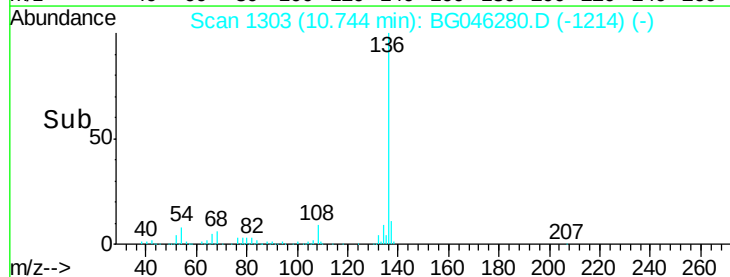
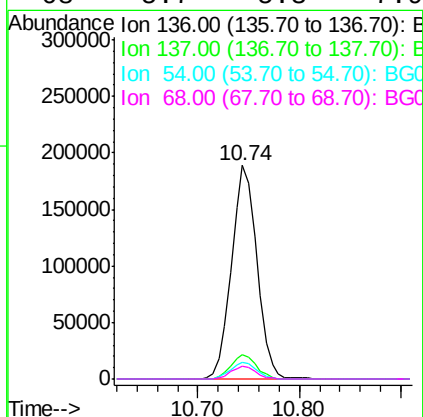
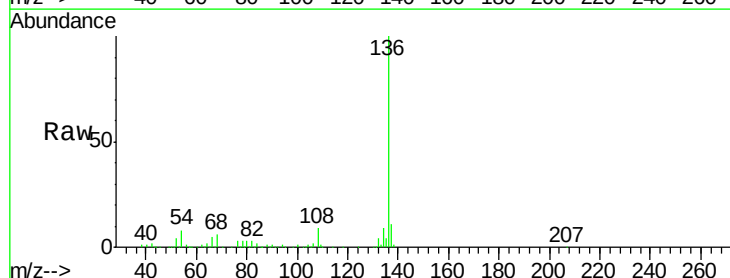
Ion Ratio Lower Upper

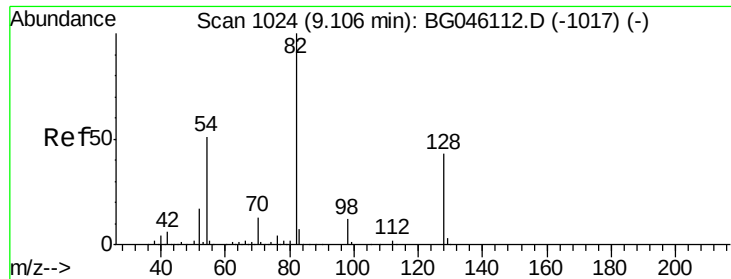
136 100

137 11.2 8.8 13.2

54 7.9 7.0 10.4

68 5.7 5.3 7.9

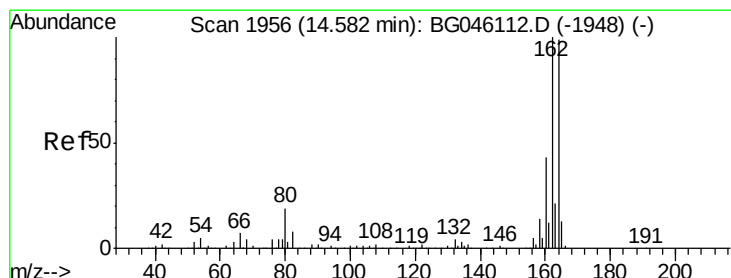
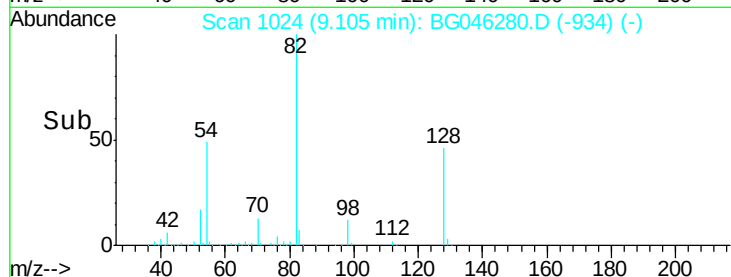
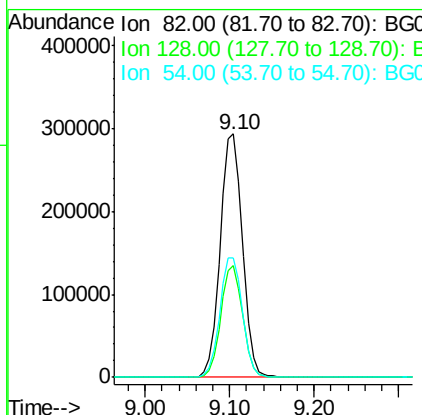
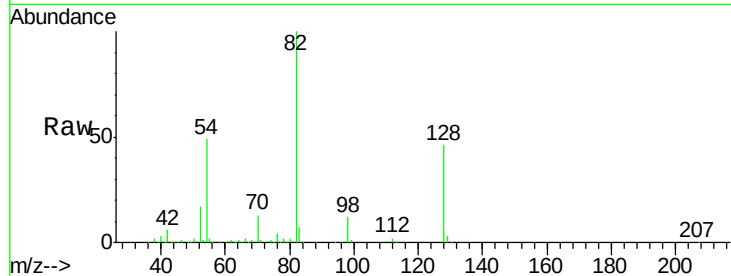




#23
Nitrobenzene-d5
Concen: 88.413 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046280.D
Acq: 14 Aug 2020 17:59

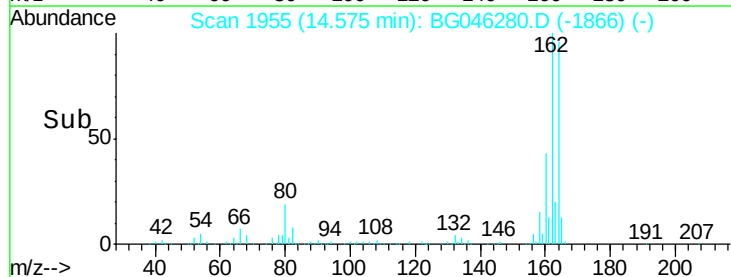
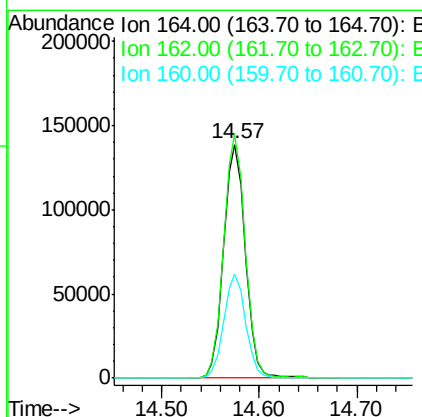
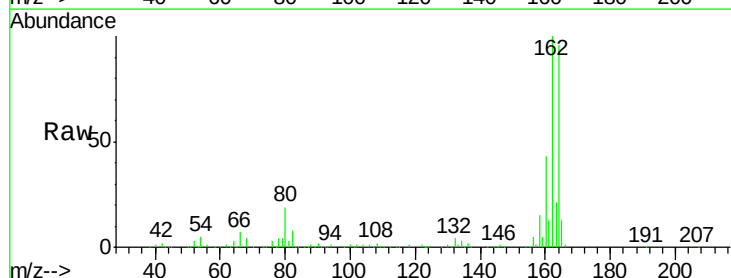
Instrument :
BNA_G
ClientSampleId :
SP1-3

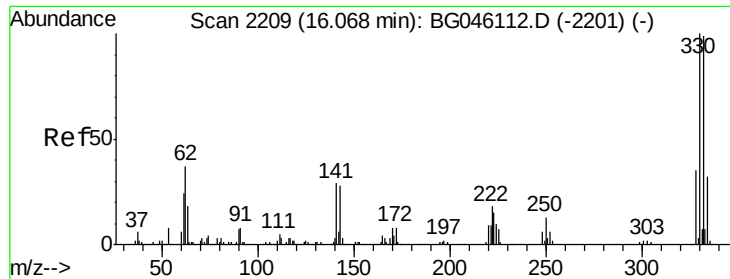
Tot Ion	82	Resp	537810
Ion Ratio	Lower	Upper	
82	100		
128	45.8	34.4	51.6
54	48.8	40.8	61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046280.D
Acq: 14 Aug 2020 17:59

Tgt Ion	164	Resp	214433
Ion Ratio	Lower	Upper	
164	100		
162	104.1	80.6	121.0
160	44.4	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 136.633 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046280.D

Acq: 14 Aug 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SP1-3

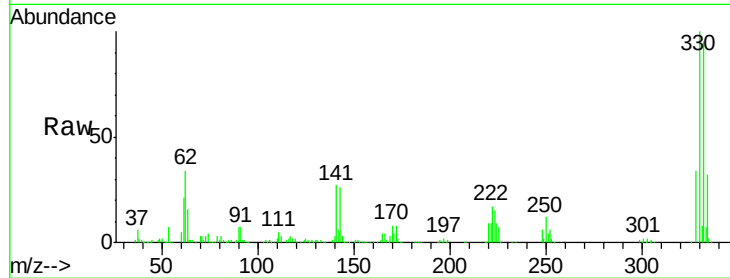
Tot Ion:330 Resp: 450022

Ion Ratio Lower Upper

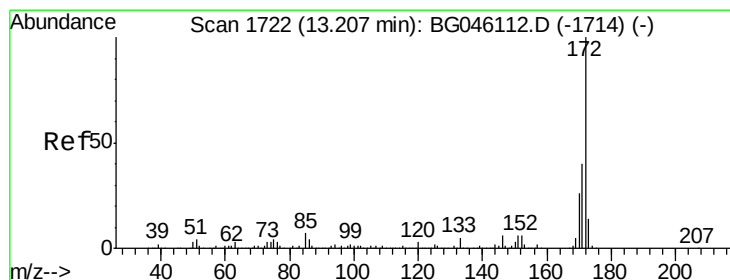
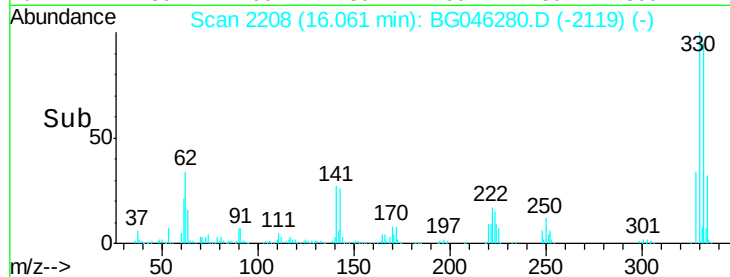
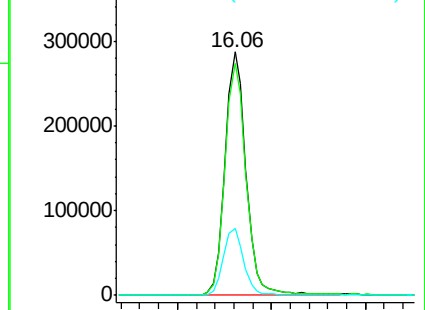
330 100

332 96.6 77.4 116.2

141 27.2 23.4 35.0



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: 86.358 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG046280.D

Acq: 14 Aug 2020 17:59

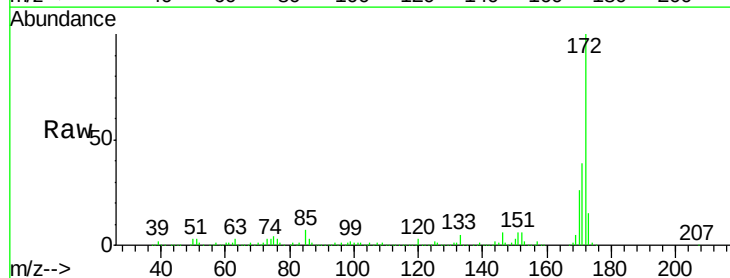
Tgt Ion:172 Resp: 1274786

Ion Ratio Lower Upper

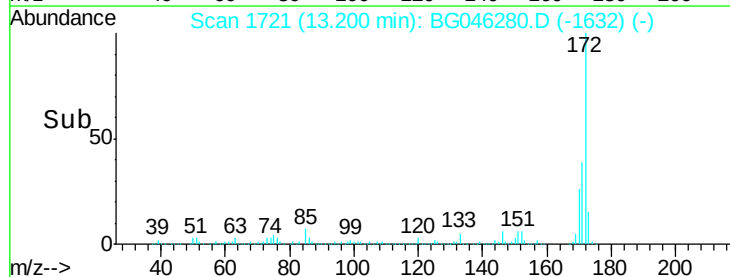
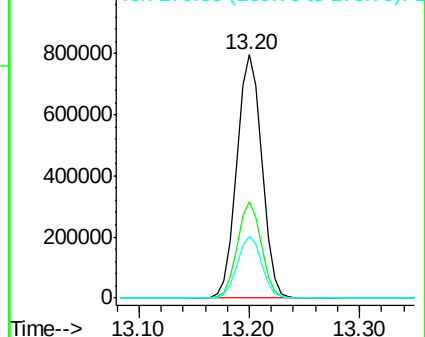
172 100

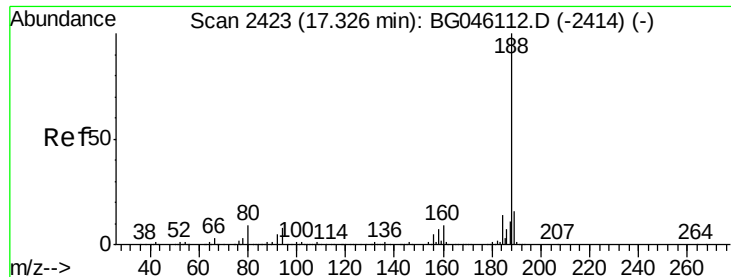
171 39.4 31.7 47.5

170 25.6 20.9 31.3



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: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046280.D

Acq: 14 Aug 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SP1-3

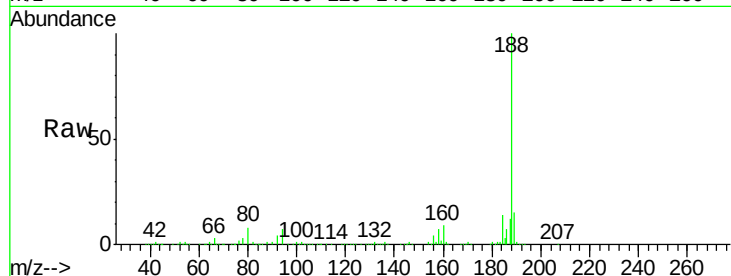
Tot Ion:188 Resp: 529037

Ion Ratio Lower Upper

188 100

94 7.1 6.4 9.6

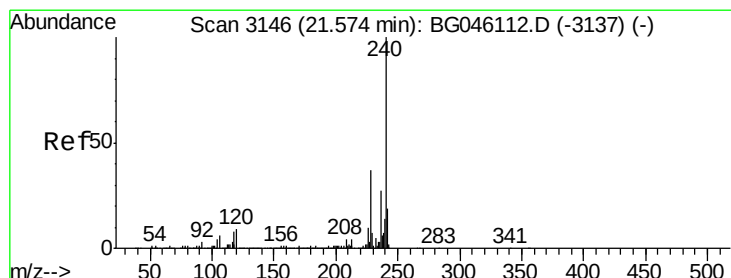
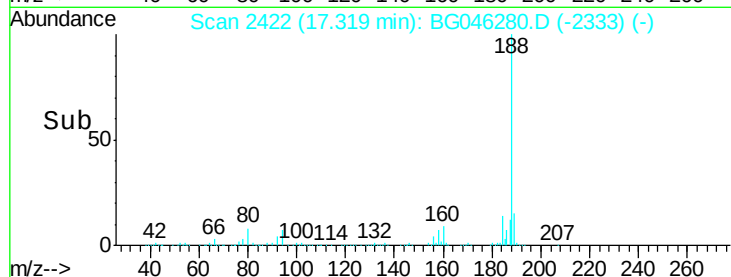
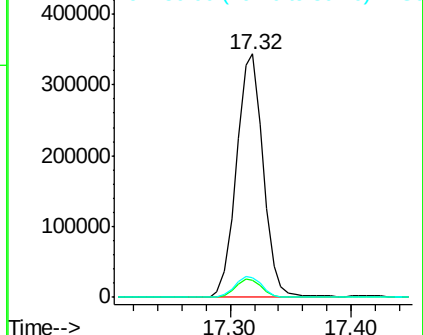
80 8.2 7.4 11.0



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: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046280.D

Acq: 14 Aug 2020 17:59

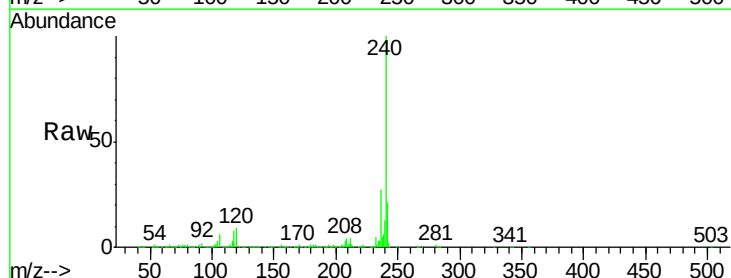
Tgt Ion:240 Resp: 611586

Ion Ratio Lower Upper

240 100

120 9.0 7.1 10.7

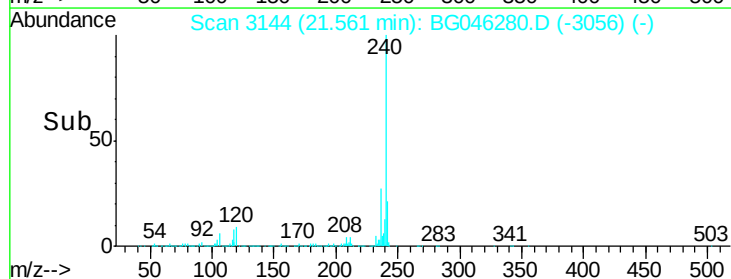
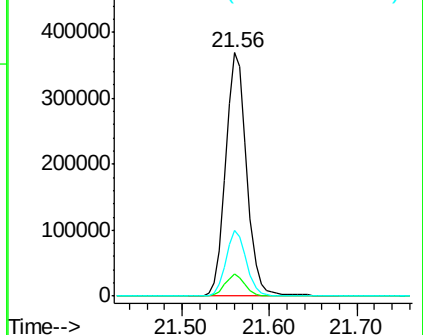
236 27.0 21.7 32.5

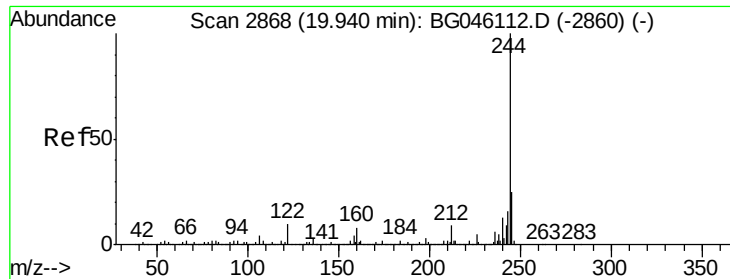


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.099 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046280.D

Acq: 14 Aug 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SP1-3

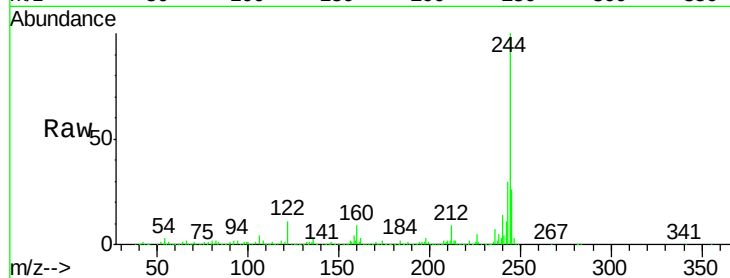
Tot Ion:244 Resp: 2225145

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

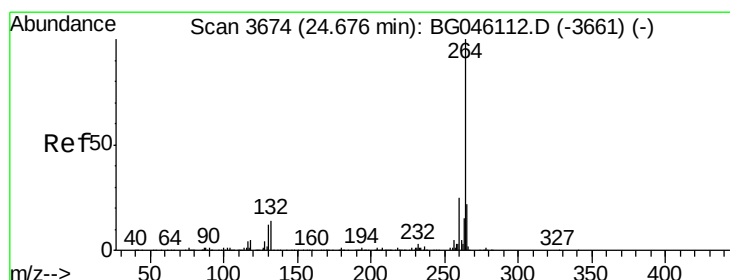
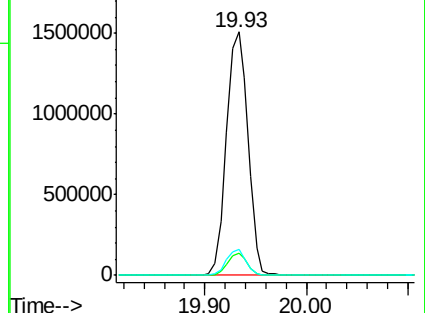
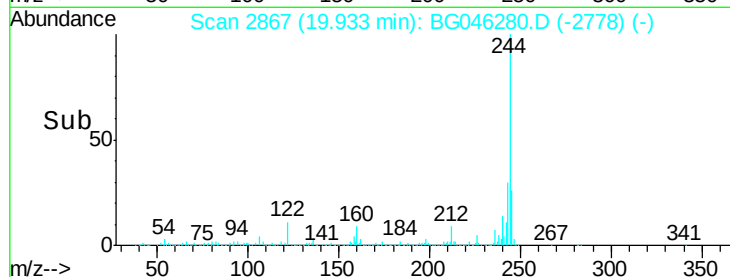
122 10.6 8.3 12.5



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: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046280.D

Acq: 14 Aug 2020 17:59

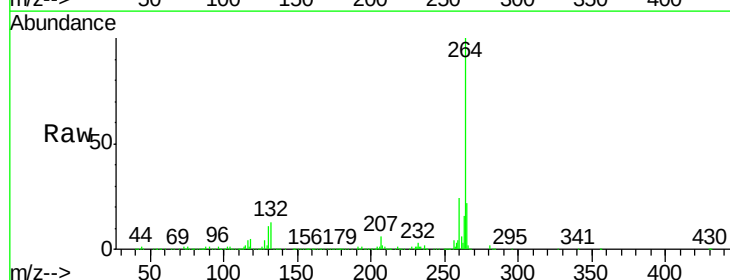
Tgt Ion:264 Resp: 611974

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.8 17.6 26.4



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

