

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046279.D
 Acq On : 14 Aug 2020 17:18
 Operator : CG/JU
 Sample : L3659-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-2

Quant Time: Aug 14 18:35:11 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	85177	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	342130	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	220398	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	545935	20.00	ng	0.00
76) Chrysene-d12	21.56	240	644053	20.00	ng	-0.01
86) Perylene-d12	24.67	264	646799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	548278	111.90	ng	0.00
7) Phenol-d6	7.12	99	649324	97.24	ng	0.00
23) Nitrobenzene-d5	9.11	82	519679	82.24	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	429484	126.87	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1235378	81.42	ng	0.00
79) Terphenyl-d14	19.93	244	2148676	67.95	ng	0.00

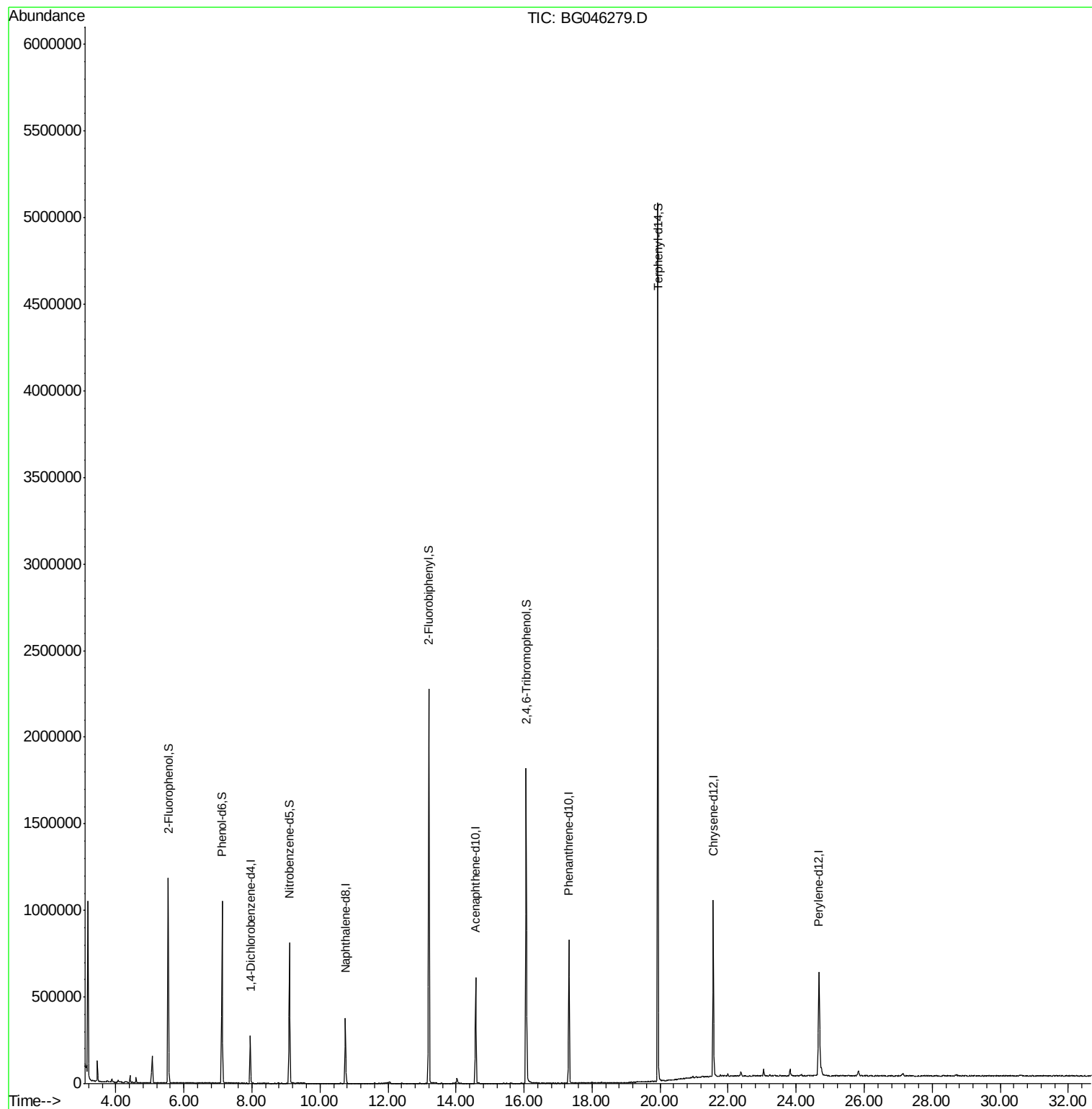
Target Compounds	Qvalue
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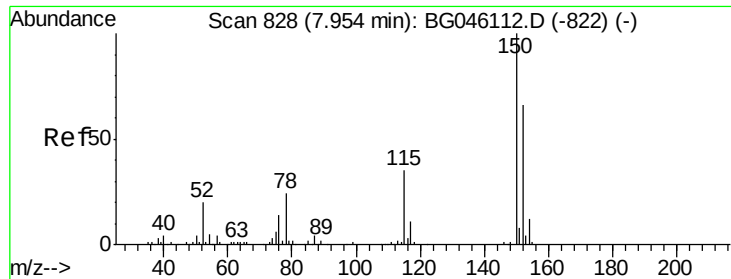
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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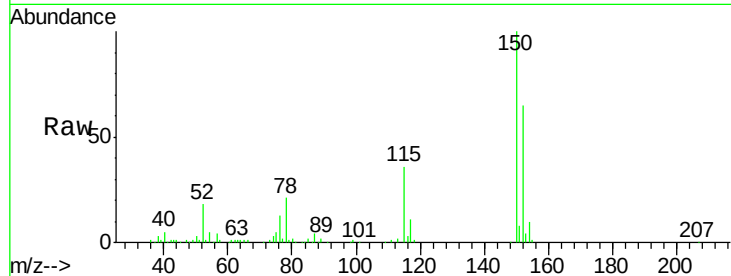


#1

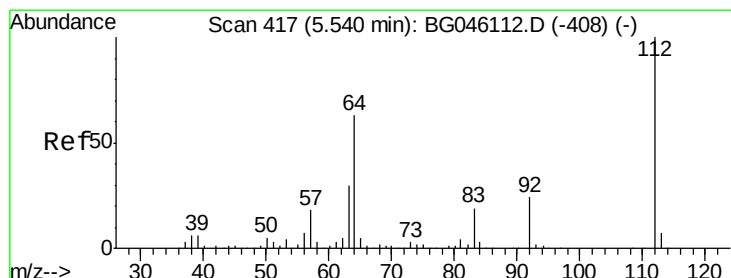
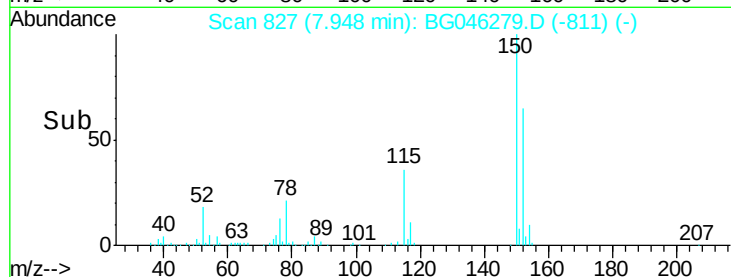
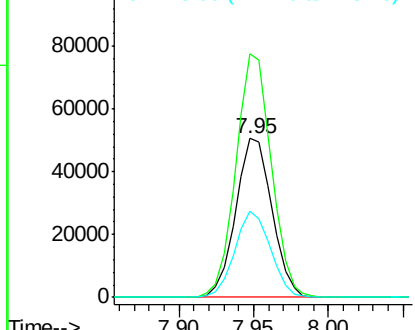
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046279.D
Acq: 14 Aug 2020 17:18

Instrument :
BNA_G
ClientSampleId :
SP1-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.1	183.1
115	54.5	43.2	64.8



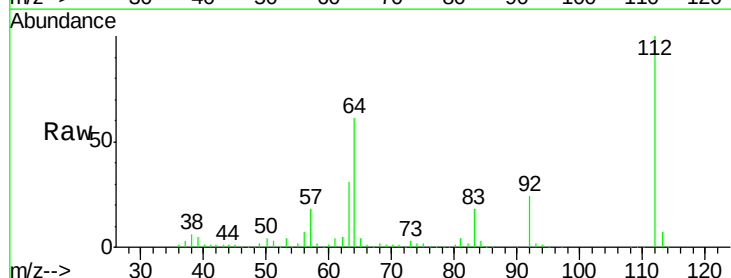
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



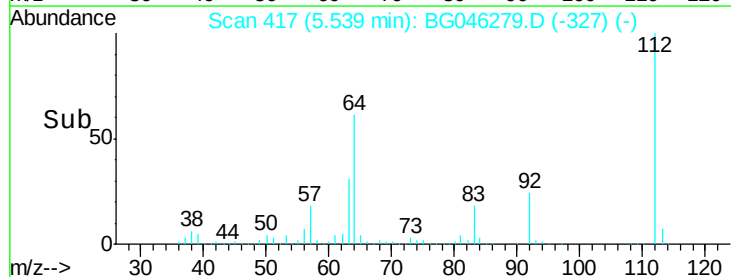
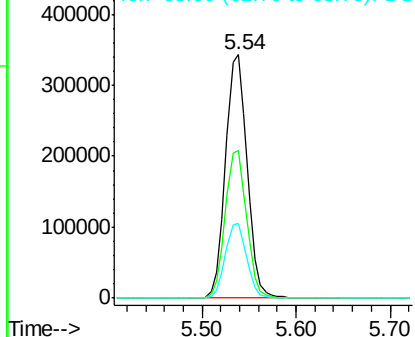
#5

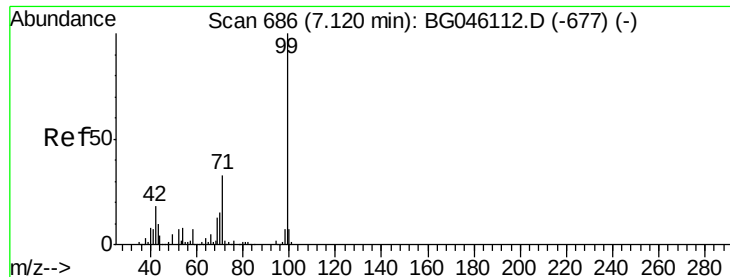
2-Fluorophenol
Concen: 111.898 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046279.D
Acq: 14 Aug 2020 17:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	50.2	75.2
63	30.7	24.2	36.4



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: 97.236 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

Instrument :

BNA_G

ClientSampleId :

SP1-2

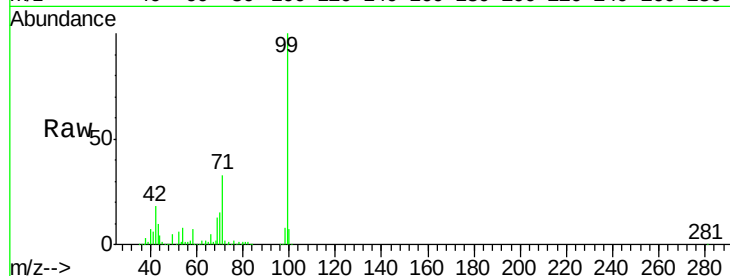
Tot Ion: 99 Resp: 649324

Ion Ratio Lower Upper

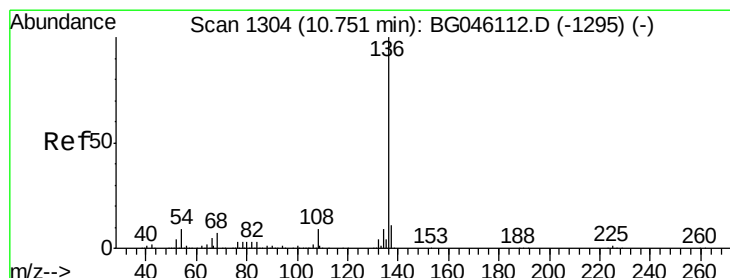
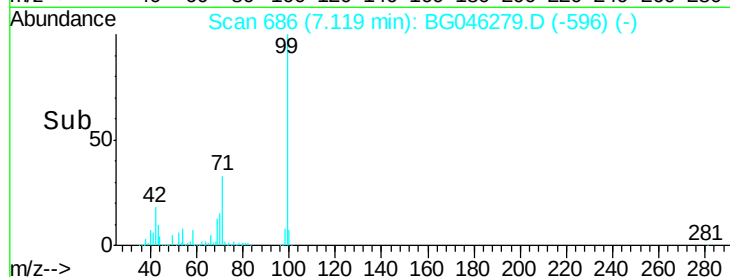
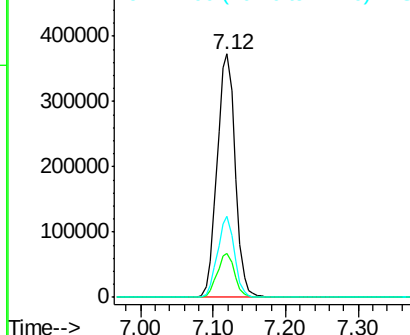
99 100

42 18.0 14.7 22.1

71 33.4 26.5 39.7



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: 10.74 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

Tgt Ion: 136 Resp: 342130

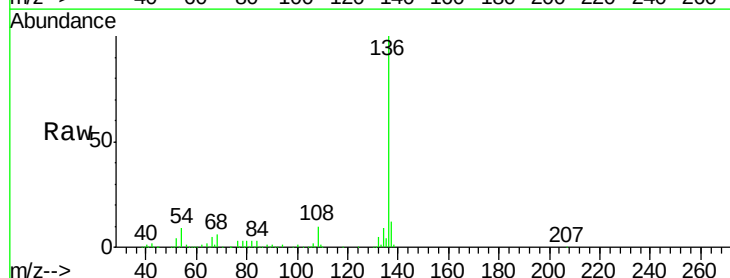
Ion Ratio Lower Upper

136 100

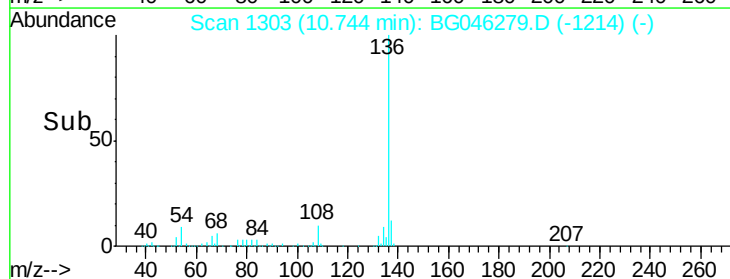
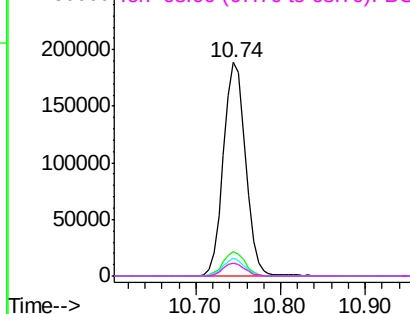
137 11.5 8.8 13.2

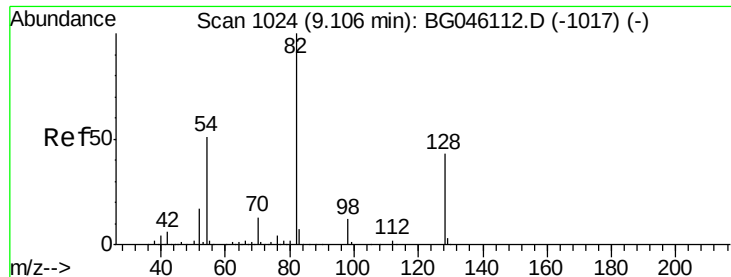
54 8.5 7.0 10.4

68 6.1 5.3 7.9



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

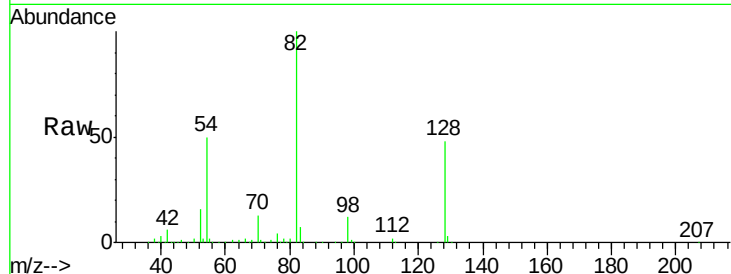




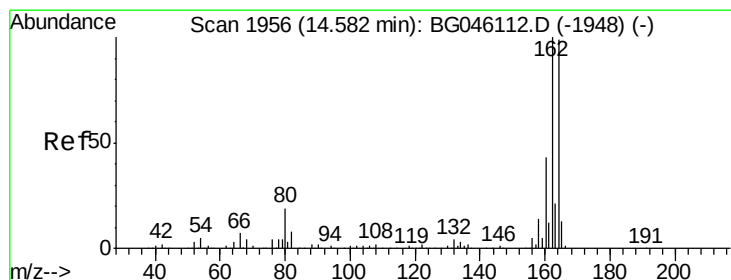
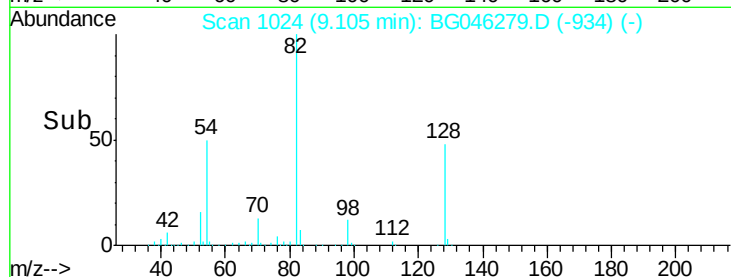
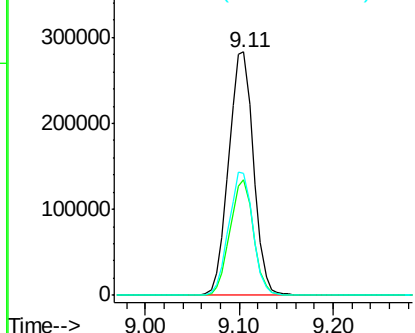
#23
Nitrobenzene-d5
Concen: 82.240 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046279.D
Acq: 14 Aug 2020 17:18

Instrument :
BNA_G
ClientSampled :
SP1-2

Tot Ion	82	Resp	519679
Ion Ratio	100	Lower	Upper
128	47.5	34.4	51.6
54	50.1	40.8	61.2

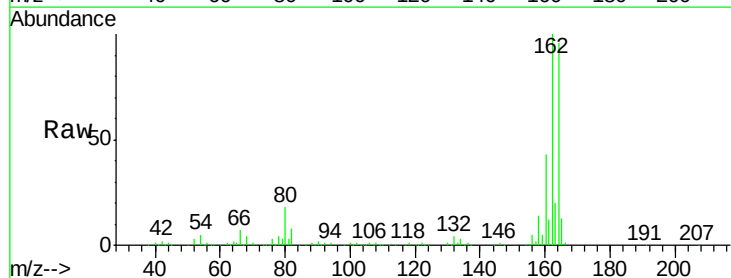


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

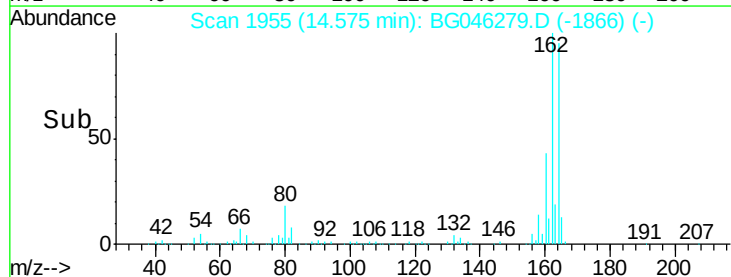
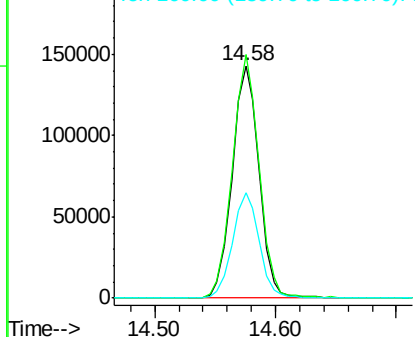


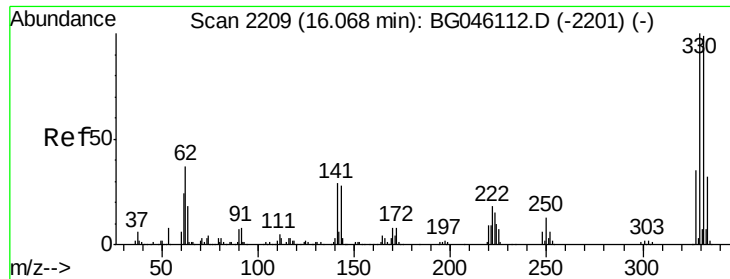
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046279.D
Acq: 14 Aug 2020 17:18

Tgt Ion	164	Resp	220398
Ion Ratio	100	Lower	Upper
162	104.7	80.6	121.0
160	45.3	34.9	52.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 126.868 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

Instrument :

BNA_G

ClientSampleId :

SP1-2

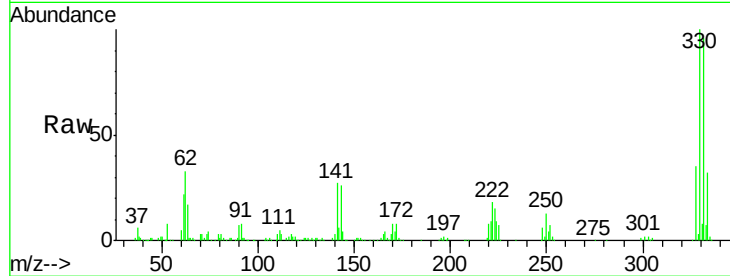
Tot Ion:330 Resp: 429484

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

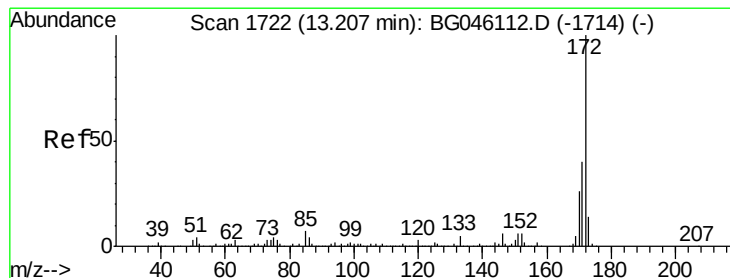
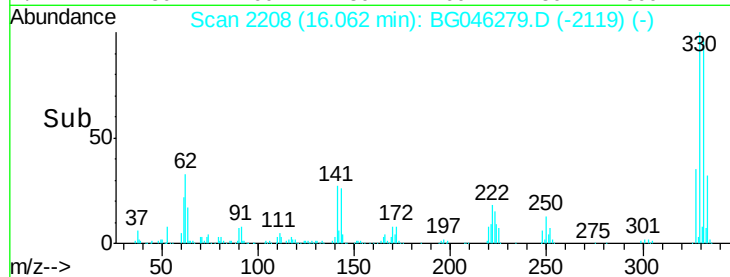
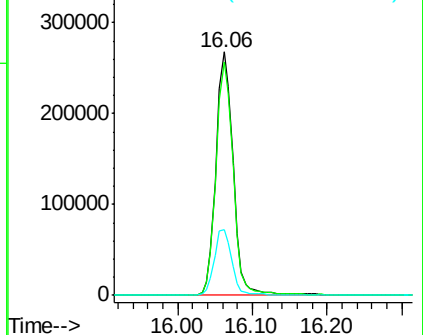
141 27.6 23.4 35.0



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: 81.423 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

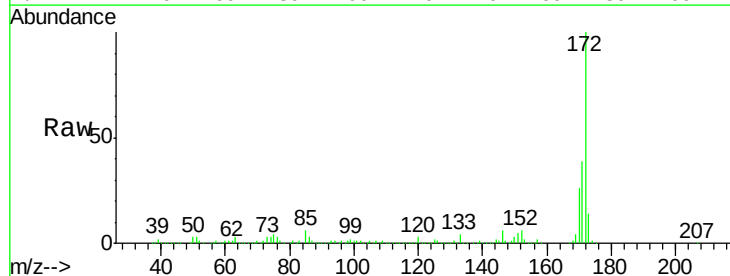
Tgt Ion:172 Resp: 1235378

Ion Ratio Lower Upper

172 100

171 39.4 31.7 47.5

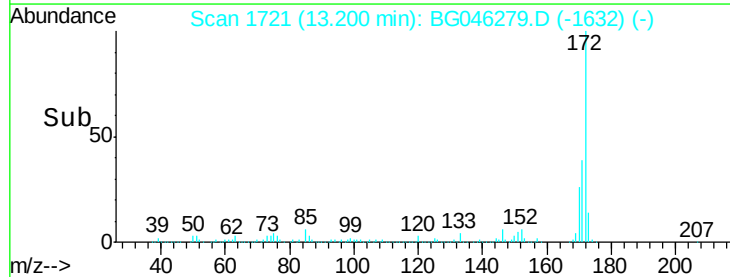
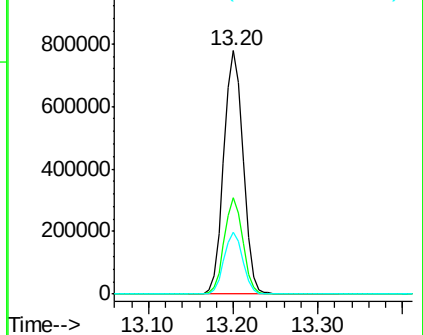
170 25.5 20.9 31.3

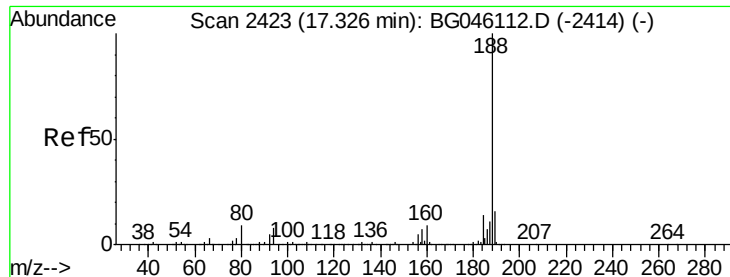


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

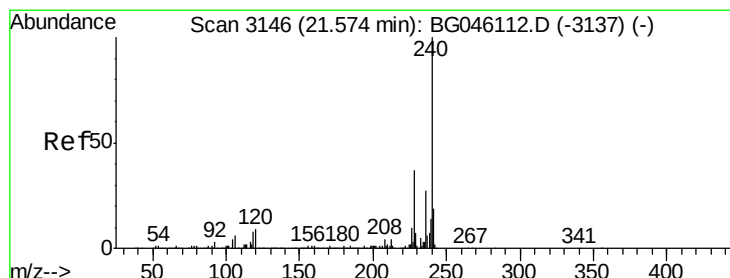
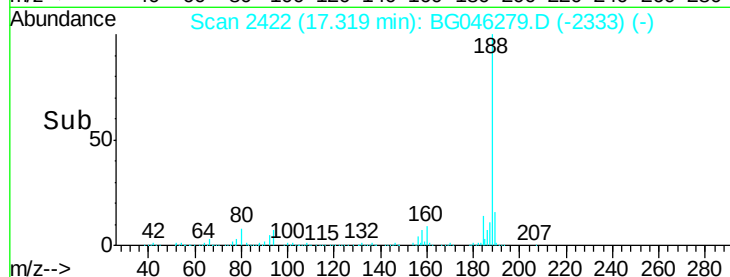
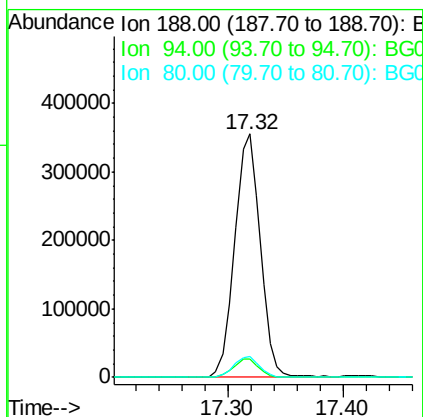
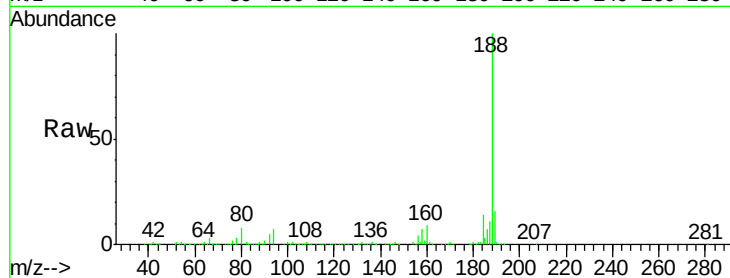




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046279.D
 Acq: 14 Aug 2020 17:18

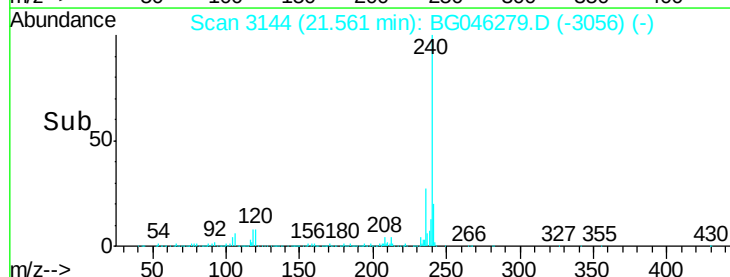
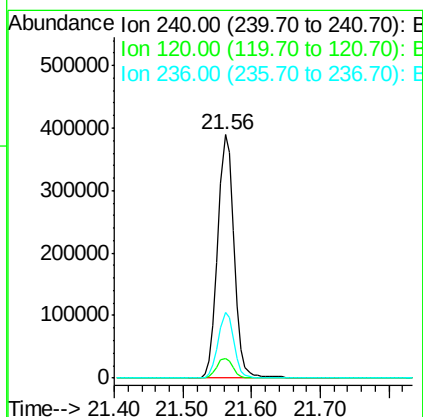
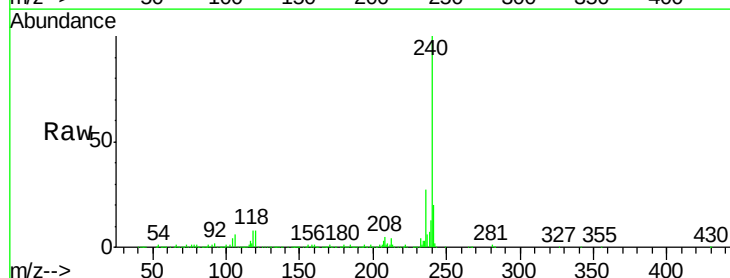
Instrument :
 BNA_G
 ClientSampleId :
 SP1-2

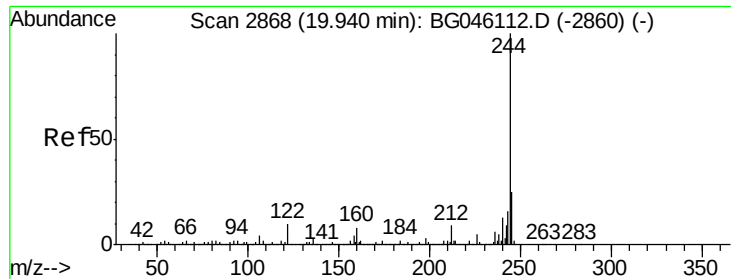
Tot Ion:188 Resp: 545935
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.4 9.6
 80 8.5 7.4 11.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG046279.D
 Acq: 14 Aug 2020 17:18

Tgt Ion:240 Resp: 644053
 Ion Ratio Lower Upper
 240 100
 120 8.2 7.1 10.7
 236 26.8 21.7 32.5





#79

Terphenyl-d14

Concen: 67.946 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046279.D

Acq: 14 Aug 2020 17:18

Instrument :

BNA_G

ClientSampleId :

SP1-2

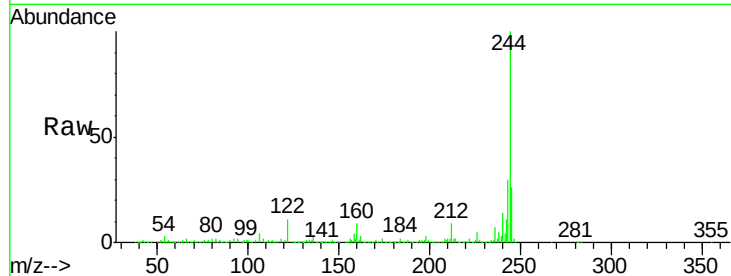
Tot Ion:244 Resp: 2148676

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

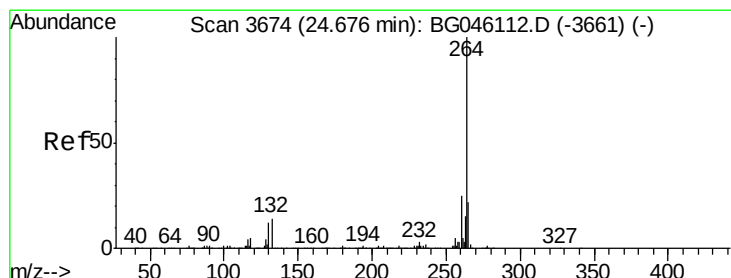
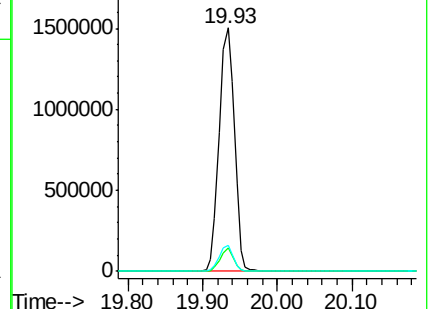
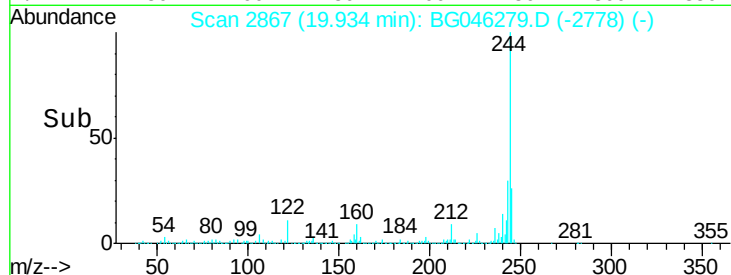
122 10.6 8.3 12.5



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: BG046279.D

Acq: 14 Aug 2020 17:18

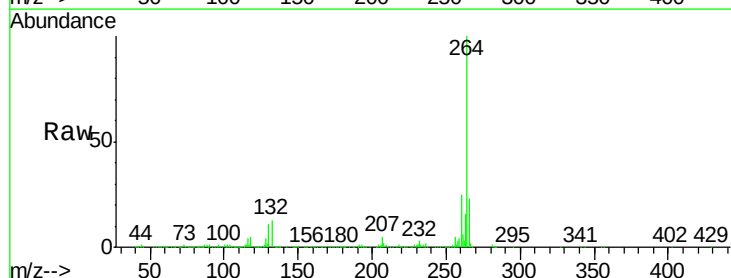
Tgt Ion:264 Resp: 646799

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 22.6 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

