

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
 Data File : BG044273.D
 Acq On : 3 Feb 2020 15:25
 Operator : CG/JU
 Sample : L1345-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 01-31-A

Quant Time: Feb 04 01:09:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

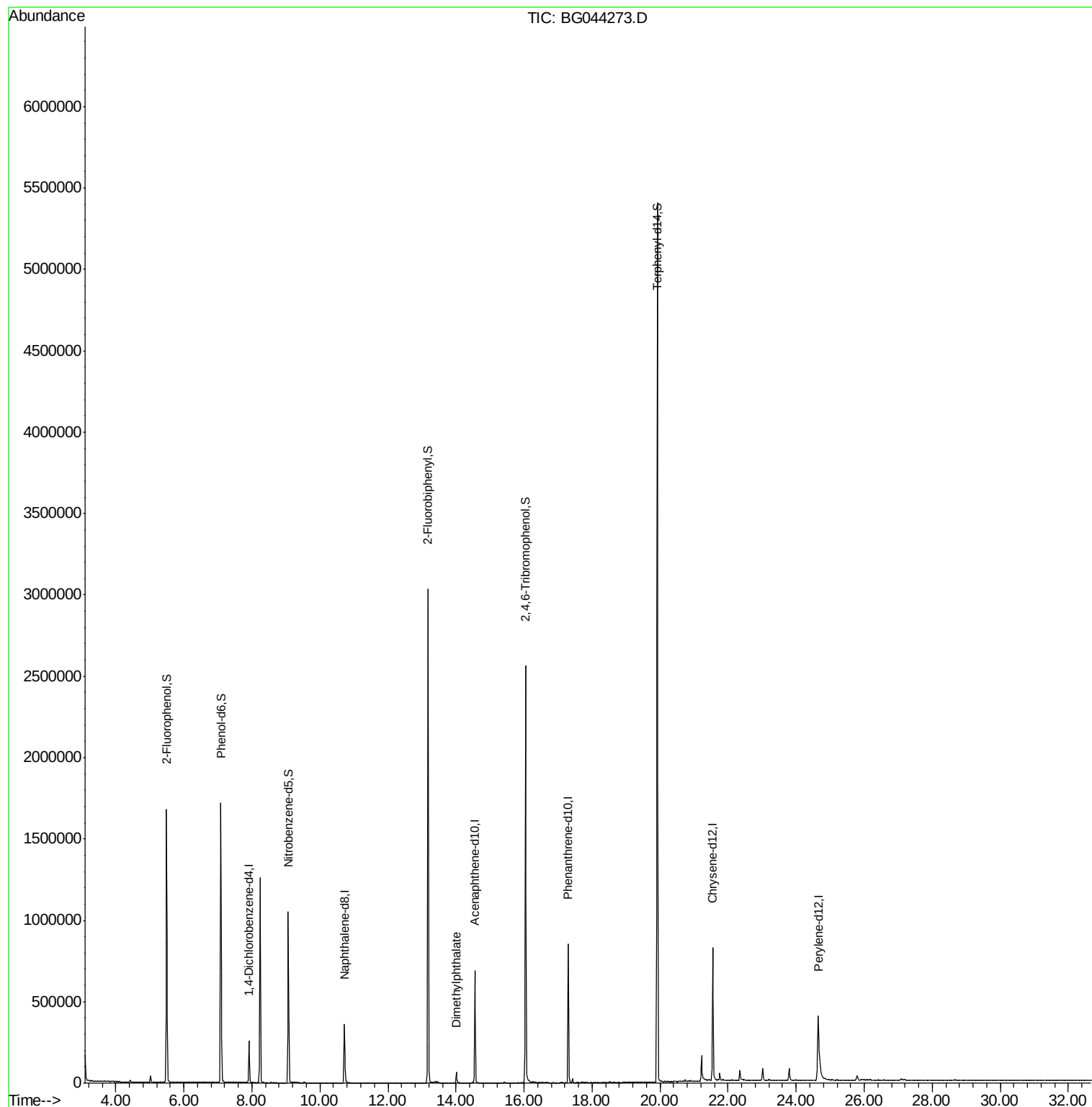
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	77358	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	346537	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	252515	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	562302	20.00	ng	0.00
76) Chrysene-d12	21.54	240	504172	20.00	ng	0.00
87) Perylene-d12	24.65	264	525208	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	800610	182.65	ng	0.00
7) Phenol-d6	7.09	99	1108569	188.34	ng	0.00
23) Nitrobenzene-d5	9.07	82	677436	110.36	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	501840	169.29	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1609512	106.73	ng	0.00
79) Terphenyl-d14	19.92	244	2423820	98.88	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	57639	3.175	ng	Qvalue 98

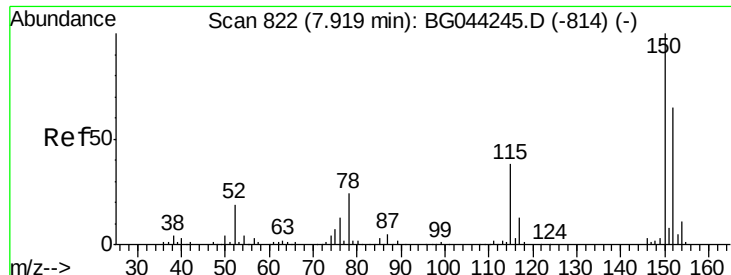
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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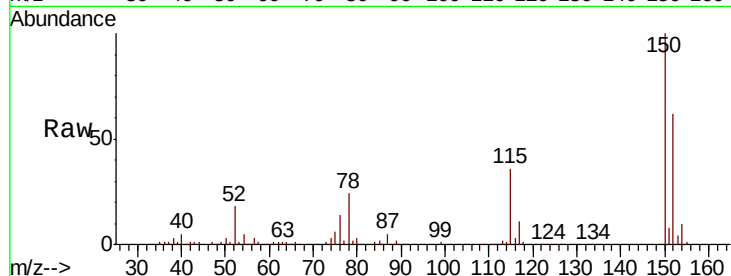


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044273.D
Acq: 3 Feb 2020 15:25

Instrument :
BNA_G
ClientSampleId :
01-31-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	122.6	183.8
115	58.2	46.0	69.0

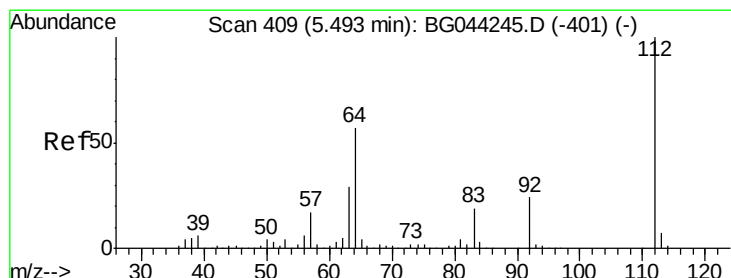
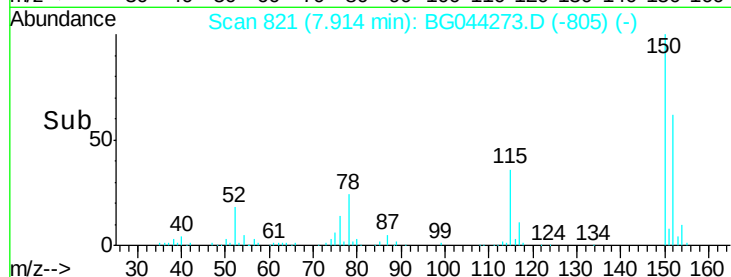
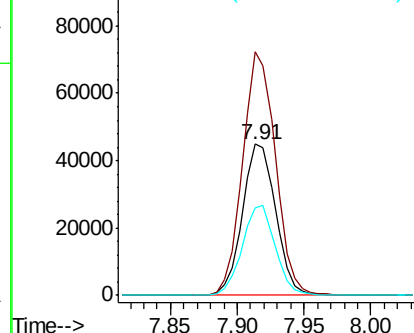


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

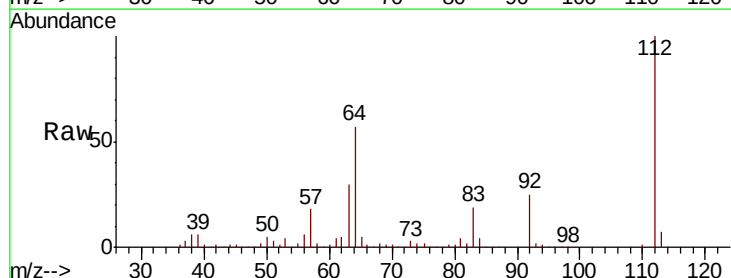
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 182.651 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044273.D
Acq: 3 Feb 2020 15:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.4	68.2
63	30.0	22.9	34.3

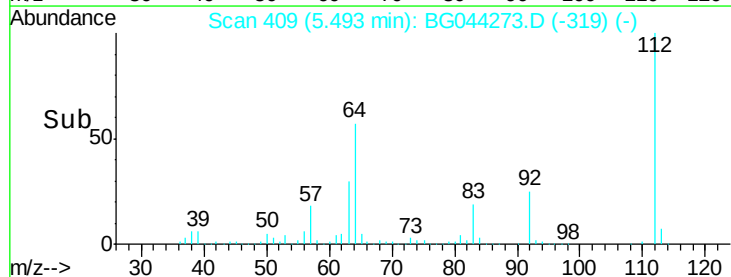
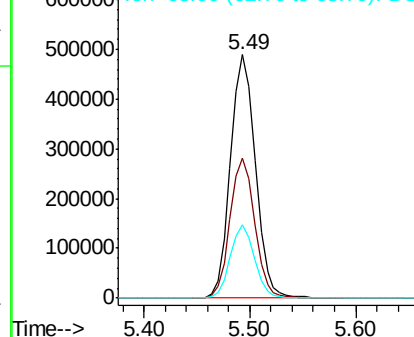


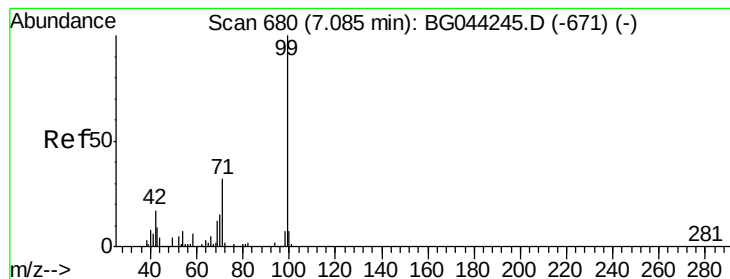
Abundance

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: 188.337 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

Instrument :

BNA_G

ClientSampleId :

01-31-A

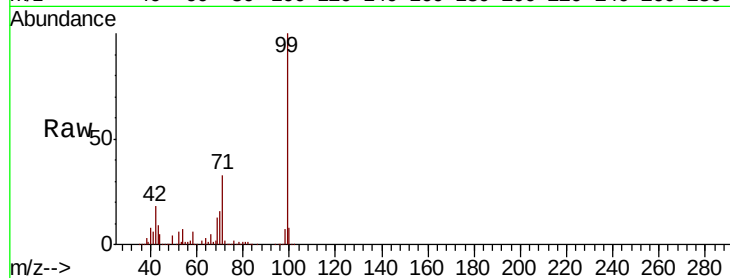
Tot Ion: 99 Resp: 1108569

Ion Ratio Lower Upper

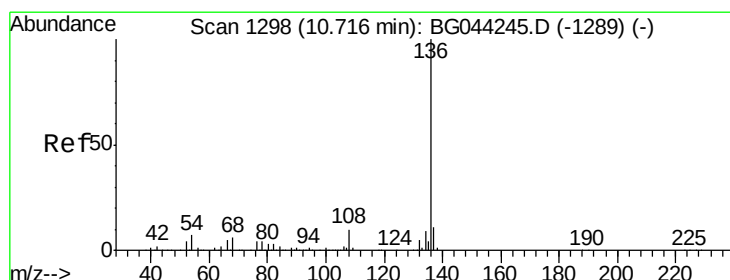
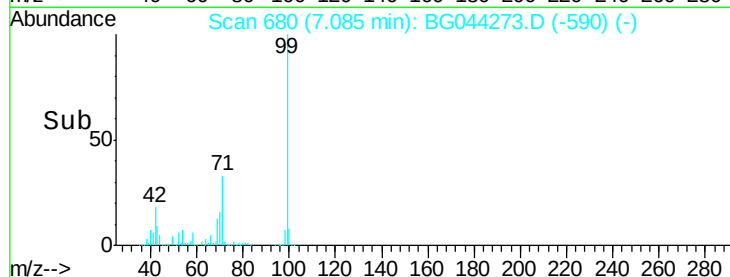
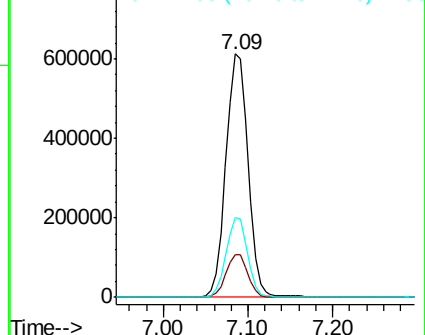
99 100

42 17.8 13.8 20.6

71 32.6 25.5 38.3



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# 1298

Delta R.T. 0.00 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

Tgt Ion: 136 Resp: 346537

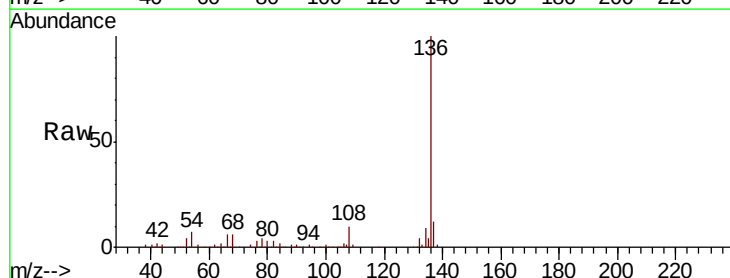
Ion Ratio Lower Upper

136 100

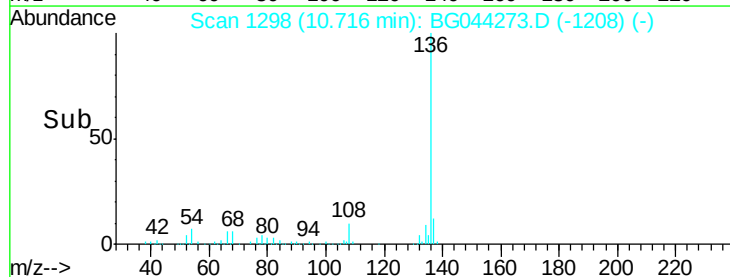
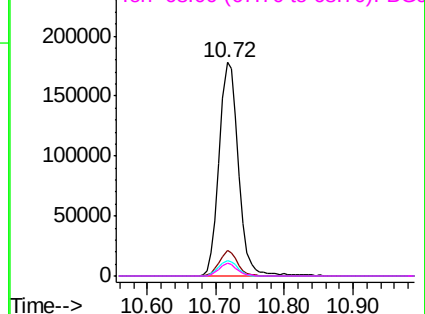
137 11.8 8.8 13.2

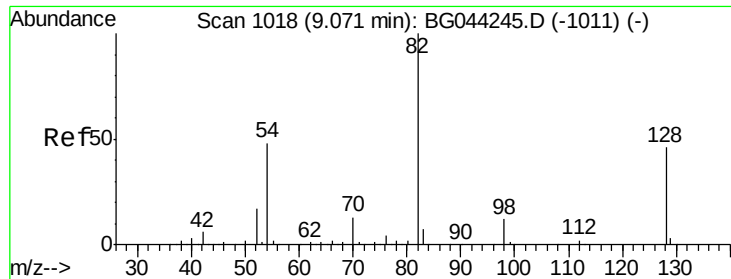
54 7.0 5.8 8.8

68 5.9 4.6 6.8



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

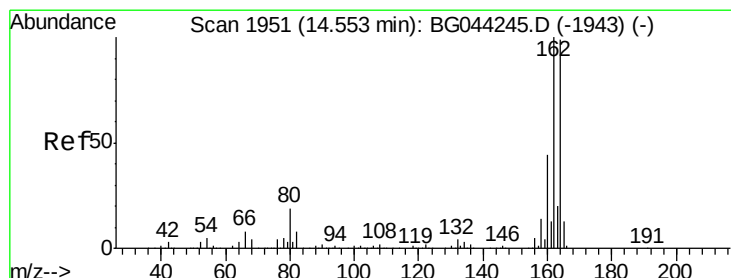
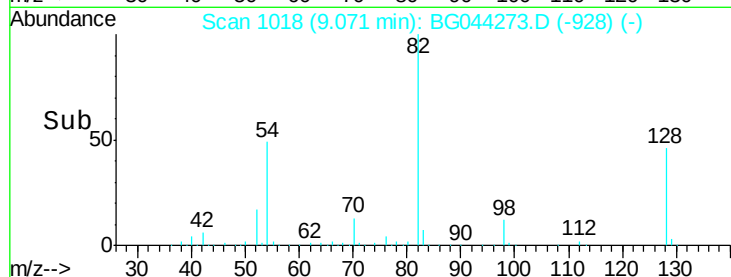
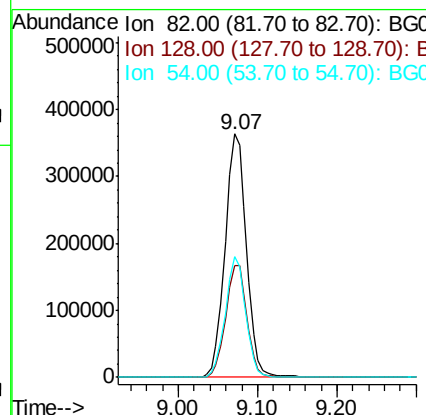
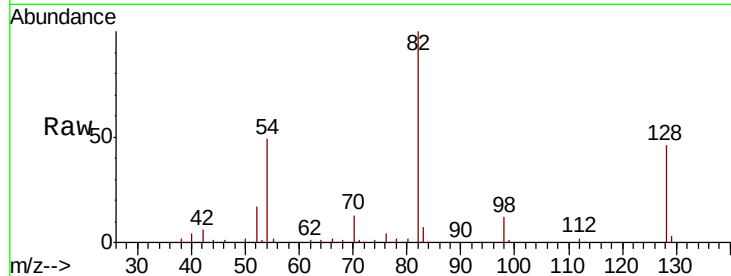




#23
 Nitrobenzene-d5
 Concen: 110.365 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG044273.D
 Acq: 3 Feb 2020 15:25

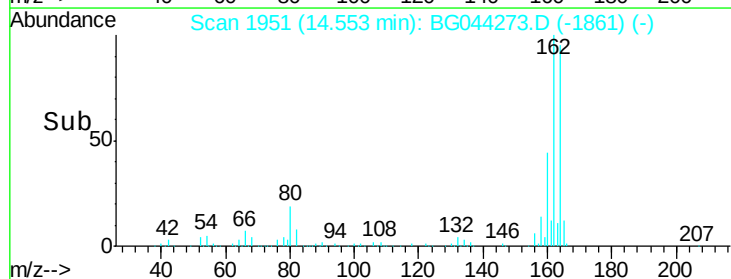
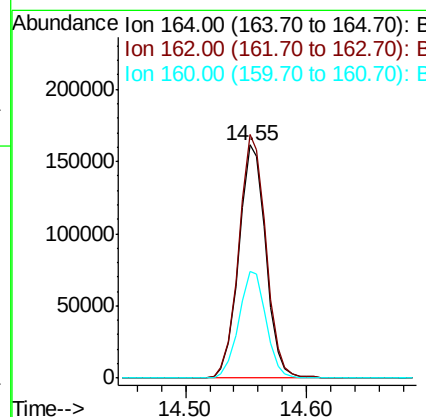
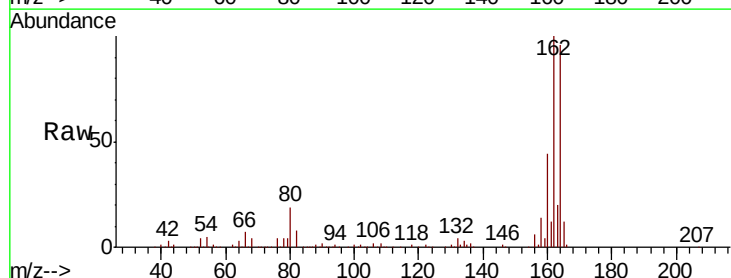
Instrument :
 BNA_G
 ClientSampled :
 01-31-A

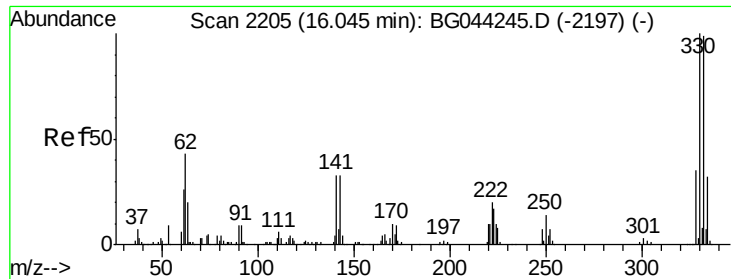
Tot Ion	82	Resp	677436
Ion Ratio	100	Lower	Upper
128	45.9	36.5	54.7
54	49.4	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG044273.D
 Acq: 3 Feb 2020 15:25

Tgt Ion	164	Resp	252515
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.6	80.7	121.1
160	45.9	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 169.290 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

Instrument :

BNA_G

ClientSampleId :

01-31-A

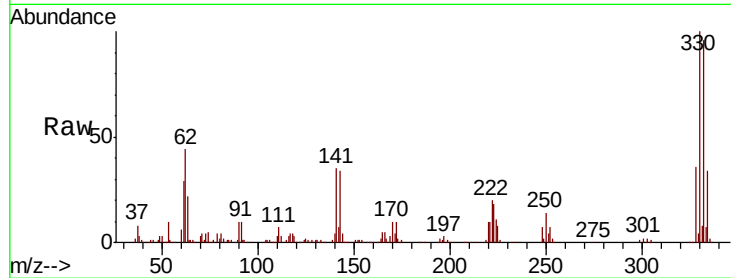
Tot Ion:330 Resp: 501840

Ion Ratio Lower Upper

330 100

332 95.3 77.2 115.8

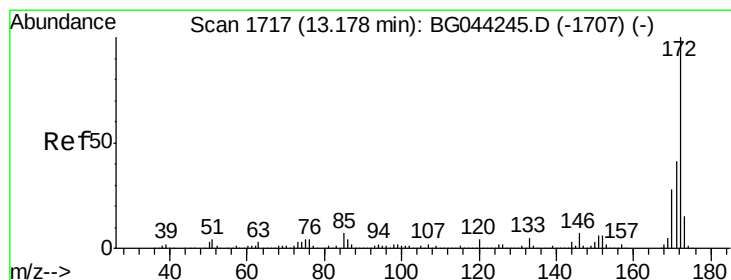
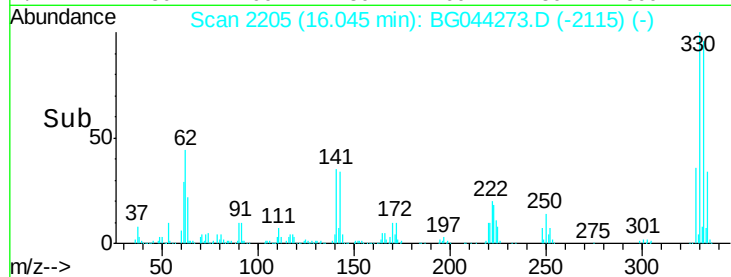
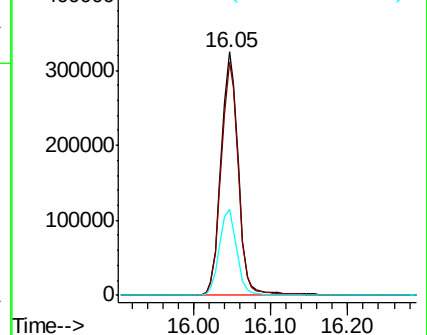
141 35.5 28.3 42.5



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: 106.735 ng

RT: 13.18 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

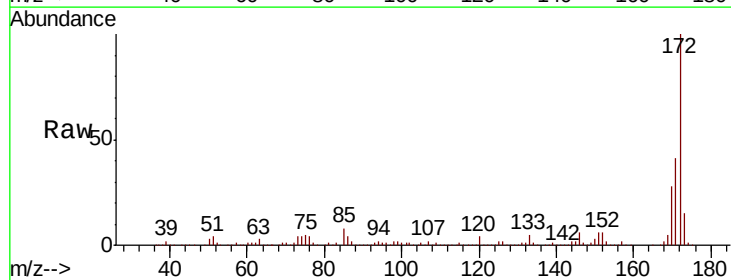
Tgt Ion:172 Resp: 1609512

Ion Ratio Lower Upper

172 100

171 41.0 32.9 49.3

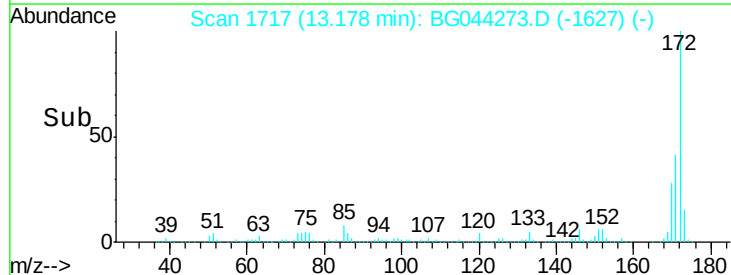
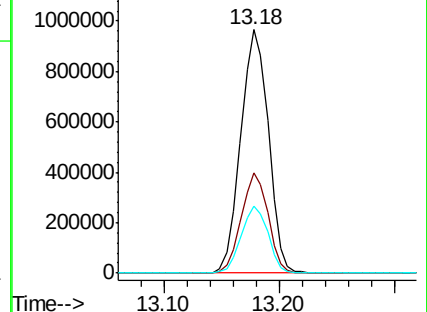
170 27.6 22.0 33.0

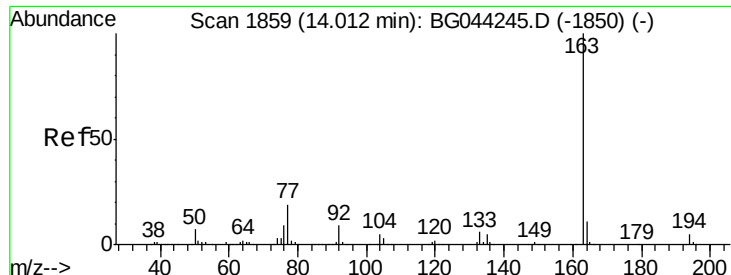


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.175 ng

RT: 14.01 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

Instrument :

BNA_G

ClientSampleId :

01-31-A

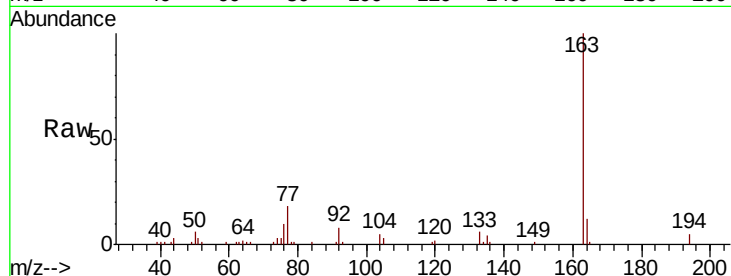
Tot Ion:163 Resp: 57639

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

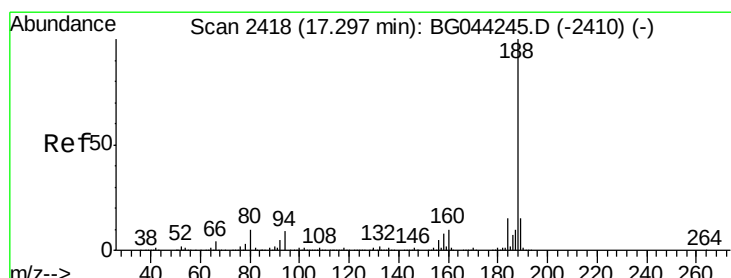
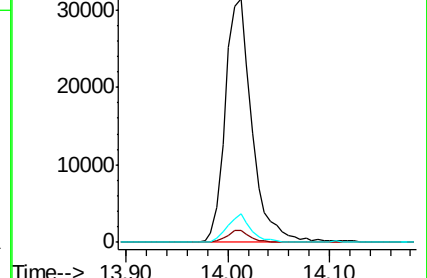
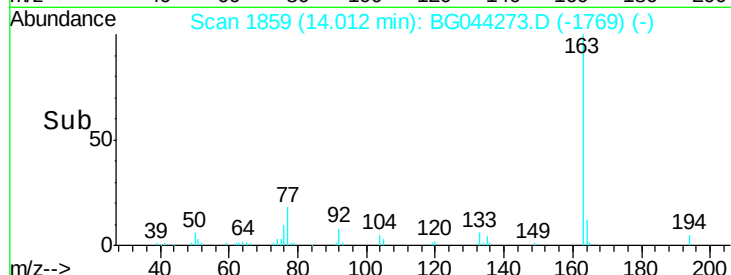
164 11.9 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044273.D

Acq: 3 Feb 2020 15:25

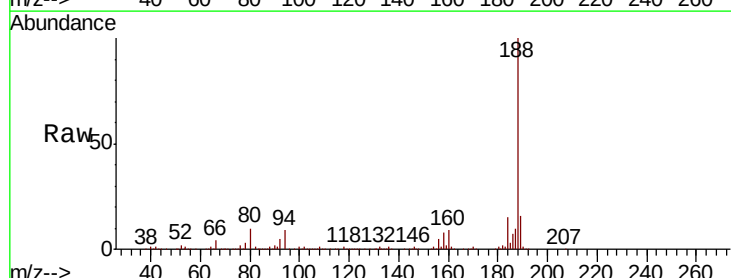
Tgt Ion:188 Resp: 562302

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

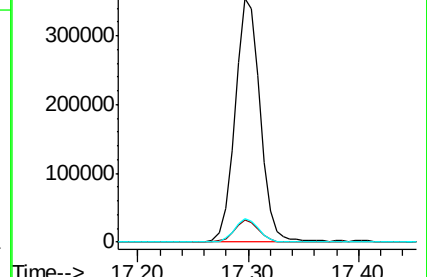
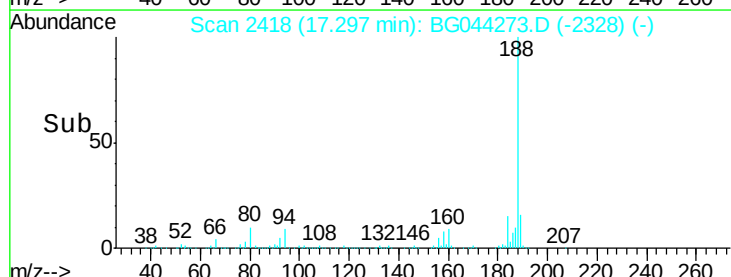
80 9.7 7.7 11.5

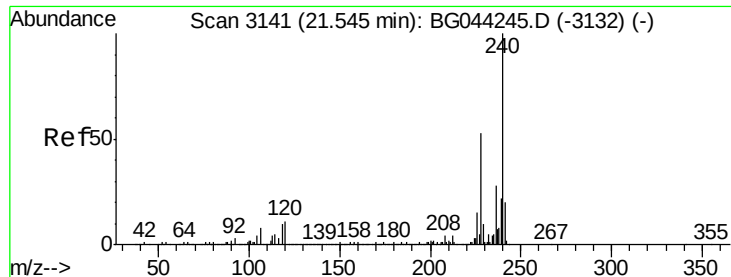


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

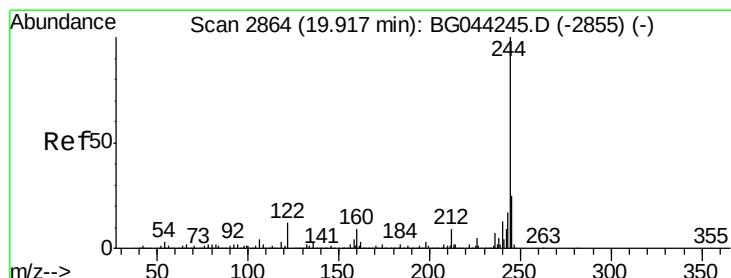
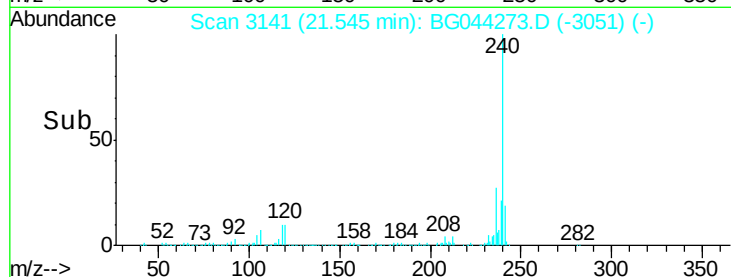
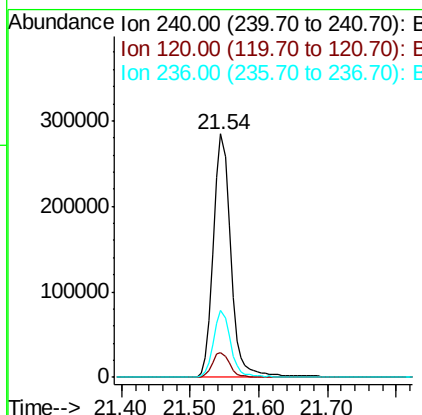
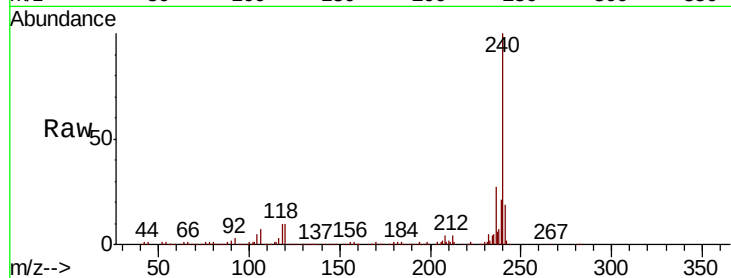




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG044273.D
 Acq: 3 Feb 2020 15:25

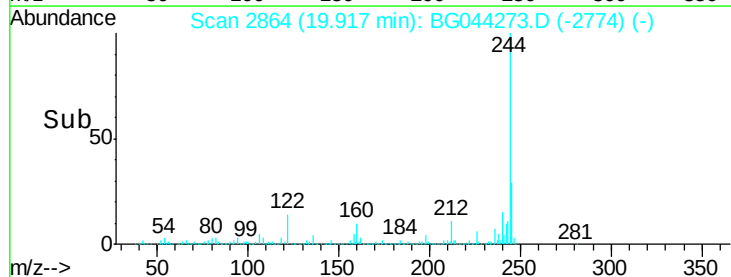
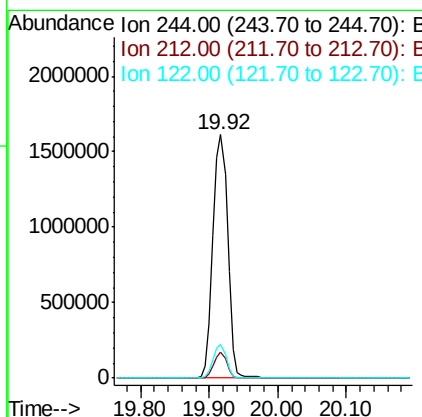
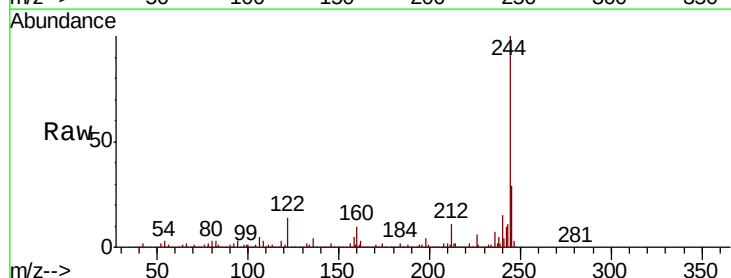
Instrument :
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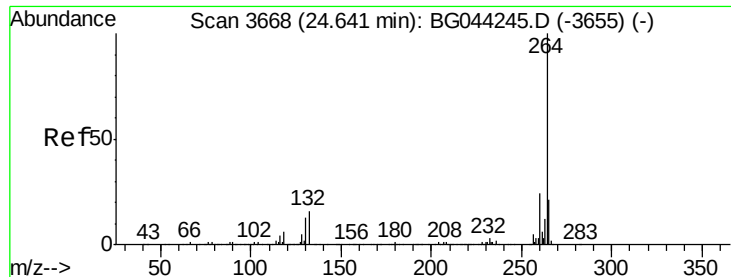
Tot Ion:240 Resp: 504172
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 27.3 22.1 33.1



#79
 Terphenyl-d14
 Concen: 98.885 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. 0.00 min
 Lab File: BG044273.D
 Acq: 3 Feb 2020 15:25

Tgt Ion:244 Resp: 2423820
 Ion Ratio Lower Upper
 244 100
 212 10.7 7.4 11.2
 122 13.8 9.8 14.6

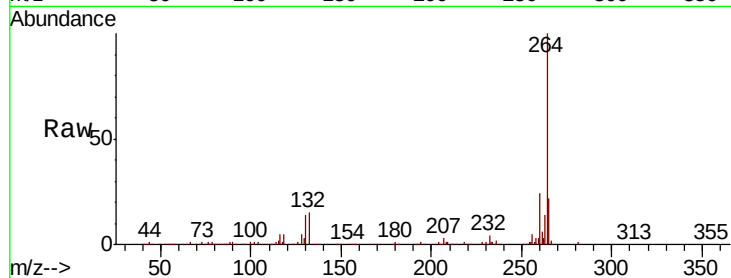




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. 0.01 min
Lab File: BG044273.D
Acq: 3 Feb 2020 15:25

Instrument :
BNA_G
ClientSampleId :
01-31-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.7	16.7	25.1



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

