

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044415.D
 Acq On : 12 Feb 2020 19:08
 Operator : CG/JU
 Sample : L1491-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)

Quant Time: Feb 13 02:54:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

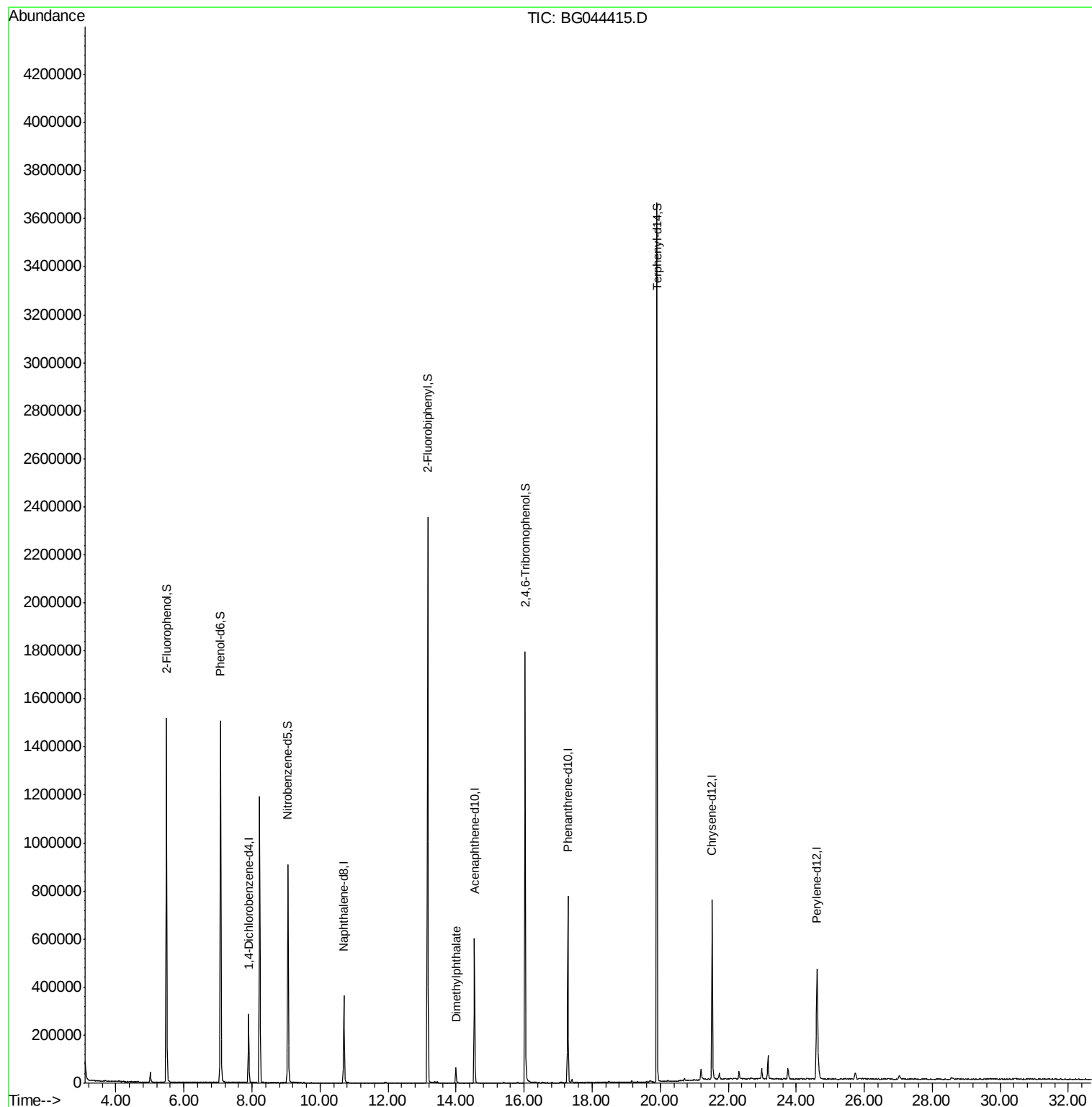
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	86591	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	348048	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	216515	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	480061	20.00	ng	0.00
76) Chrysene-d12	21.53	240	465720	20.00	ng	-0.01
87) Perylene-d12	24.61	264	476191	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	733589	149.52	ng	0.00
7) Phenol-d6	7.08	99	962572	146.10	ng	0.00
23) Nitrobenzene-d5	9.06	82	597179	96.87	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	359072	141.27	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1261698	97.58	ng	0.00
79) Terphenyl-d14	19.90	244	1773004	78.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.99	163	53564	3.442	ng	Qvalue 99

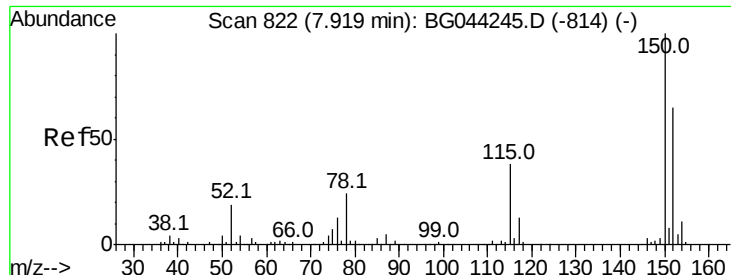
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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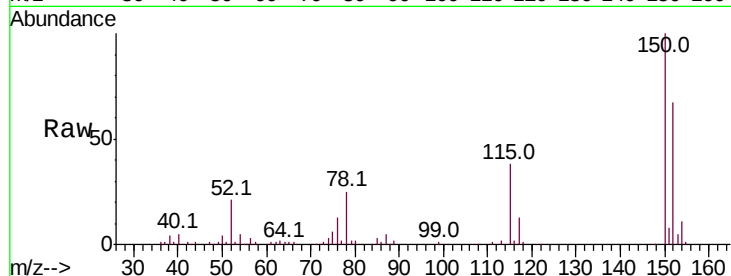


#1

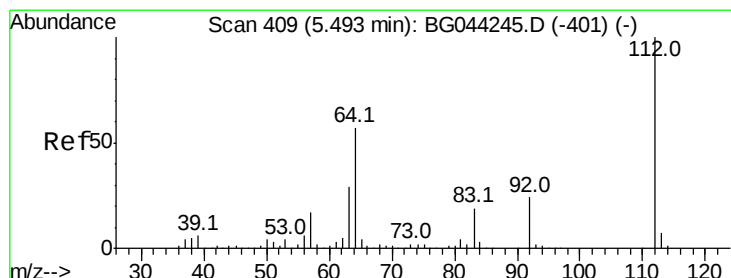
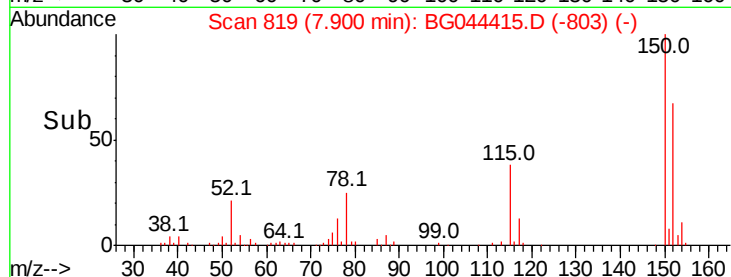
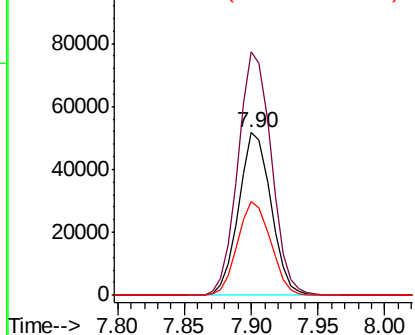
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG044415.D
Acq: 12 Feb 2020 19:08

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)

Tot Ion:152 Resp: 86591
Ion Ratio Lower Upper
152 100
150 149.7 122.6 183.8
115 57.4 46.0 69.0



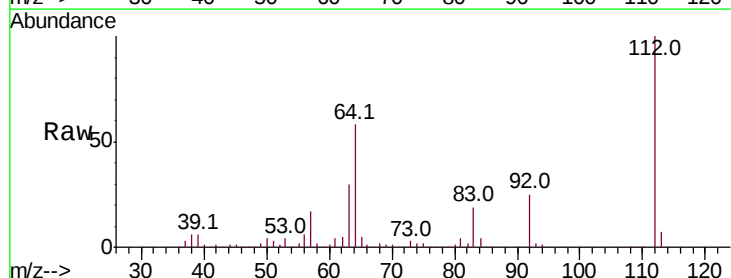
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



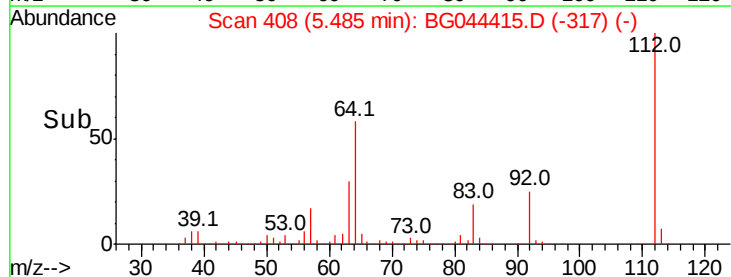
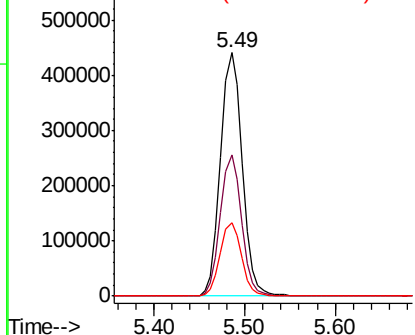
#5

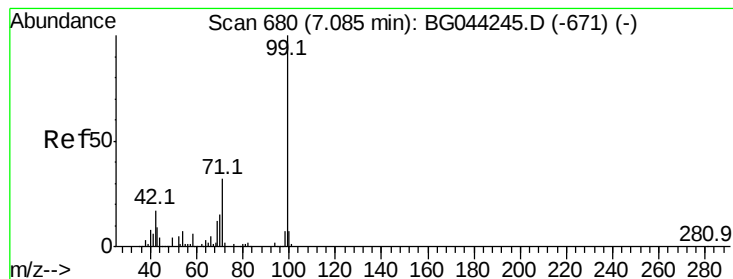
2-Fluorophenol
Concen: 149.515 ng
RT: 5.49 min Scan# 408
Delta R.T. 0.01 min
Lab File: BG044415.D
Acq: 12 Feb 2020 19:08

Tgt Ion:112 Resp: 733589
Ion Ratio Lower Upper
112 100
64 58.2 45.4 68.2
63 30.4 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: 146.096 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044415.D

Acq: 12 Feb 2020 19:08

Instrument :

BNA_G

ClientSampleId :

SB-2I-(13.5-15.5)

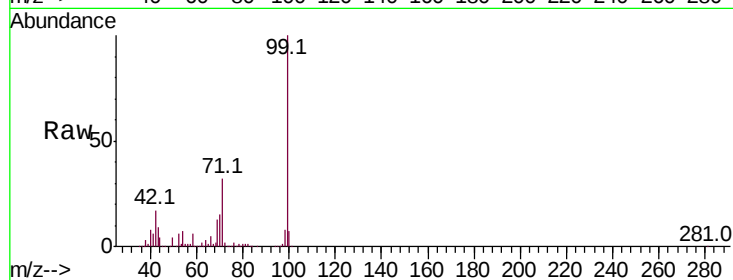
Tot Ion: 99 Resp: 962572

Ion Ratio Lower Upper

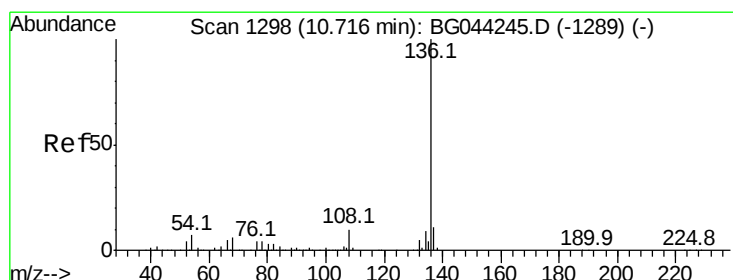
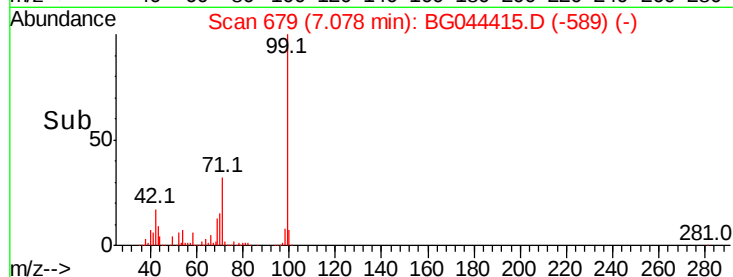
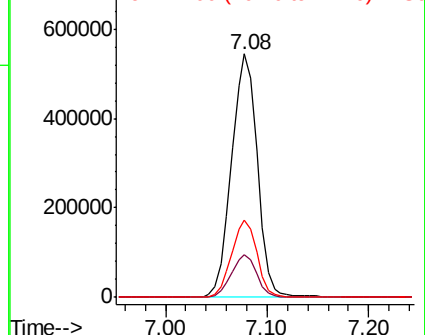
99 100

42 17.4 13.8 20.6

71 31.9 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: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044415.D

Acq: 12 Feb 2020 19:08

Tgt Ion: 136 Resp: 348048

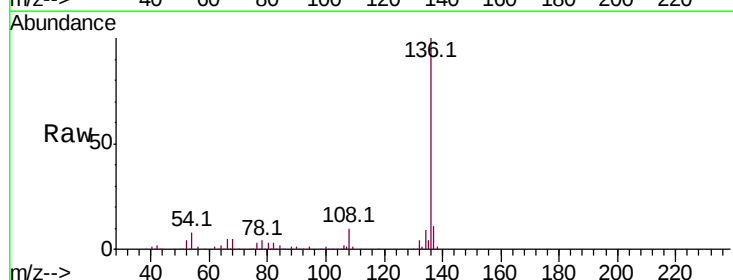
Ion Ratio Lower Upper

136 100

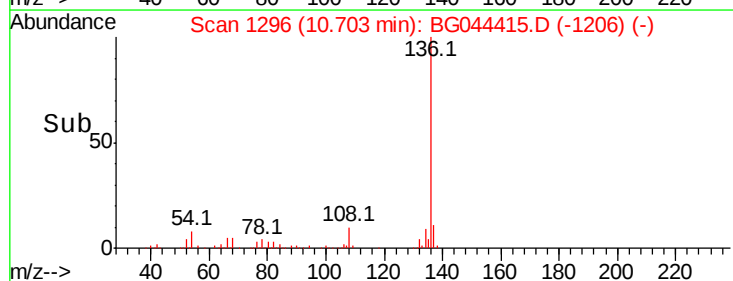
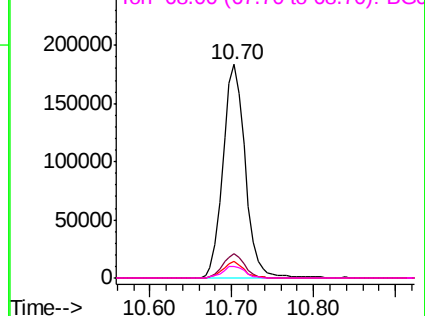
137 11.3 8.8 13.2

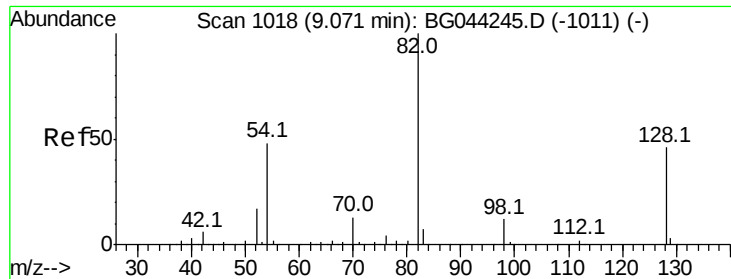
54 7.7 5.8 8.8

68 5.5 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

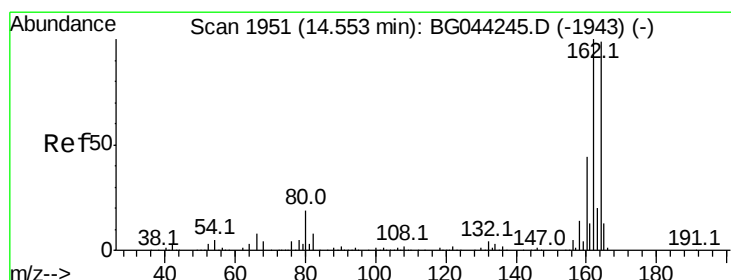
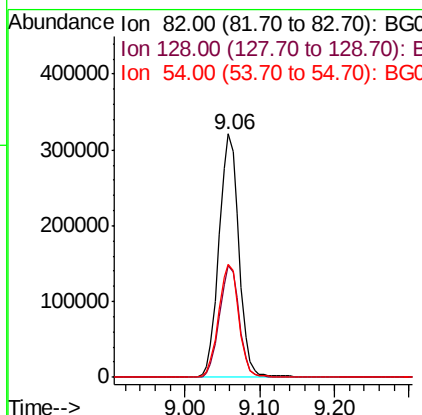
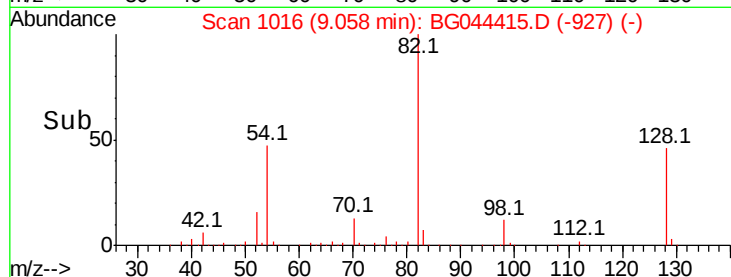
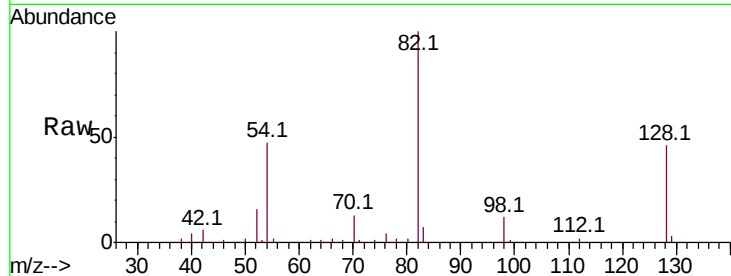




#23
Nitrobenzene-d5
Concen: 96.867 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044415.D
Acq: 12 Feb 2020 19:08

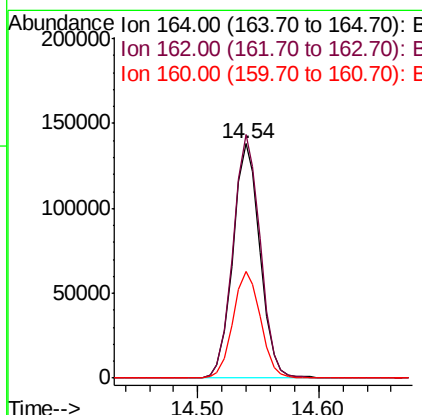
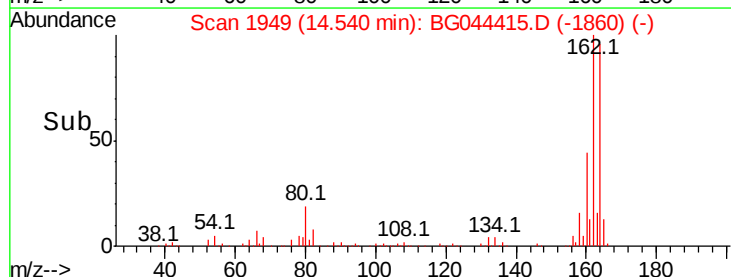
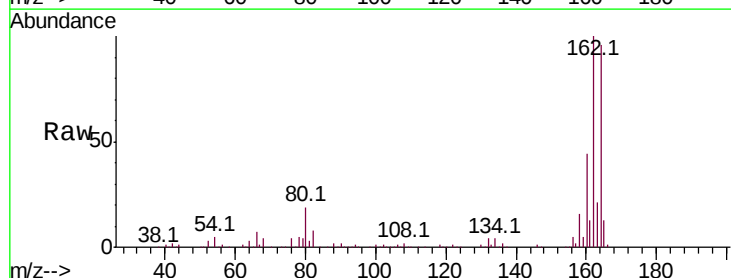
Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)

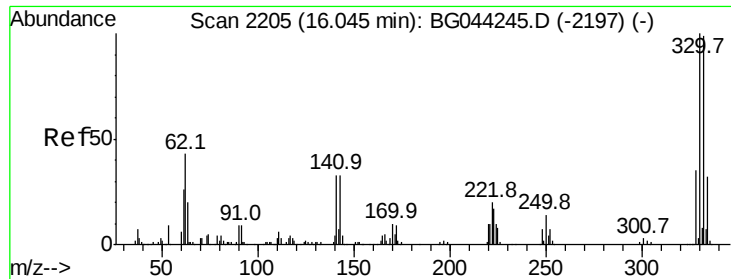
Tot Ion: 82 Resp: 597179
Ion Ratio Lower Upper
82 100
128 45.7 36.5 54.7
54 46.7 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044415.D
Acq: 12 Feb 2020 19:08

Tgt Ion:164 Resp: 216515
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 45.4 35.3 52.9

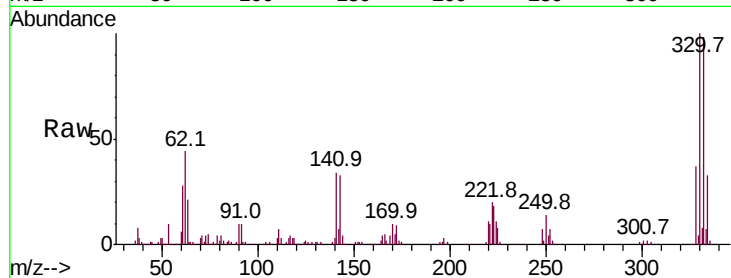




#42
 2,4,6-Tribromophenol
 Concen: 141.269 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG044415.D
 Acq: 12 Feb 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.2	115.8
141	35.6	28.3	42.5

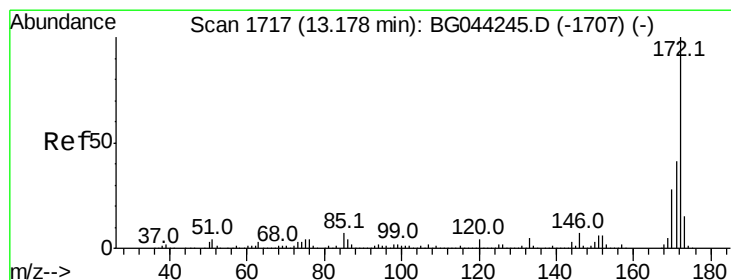
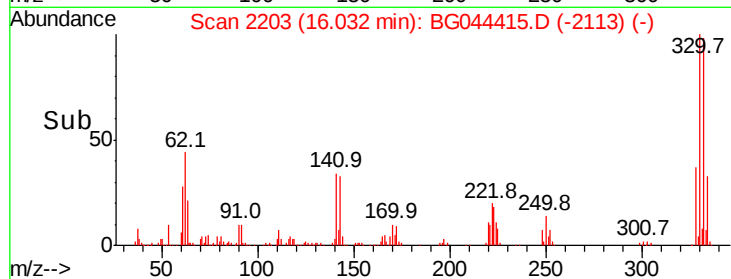
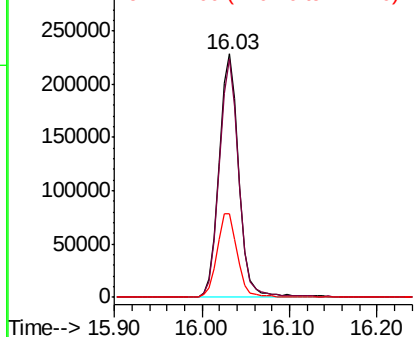


Abundance

Ion 329.80 (329.50 to 330.50): E

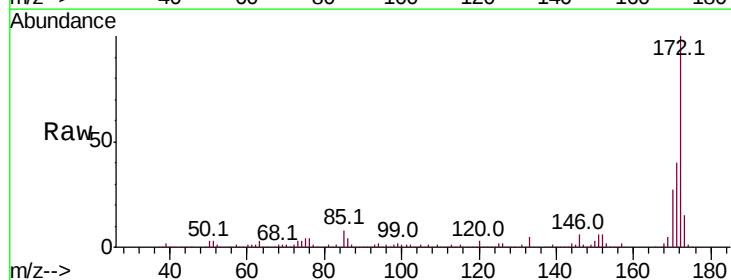
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.581 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044415.D
 Acq: 12 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	32.9	49.3
170	26.9	22.0	33.0

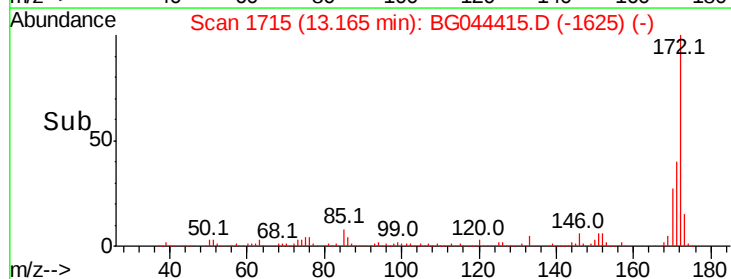
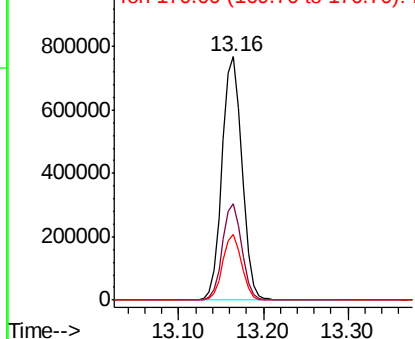


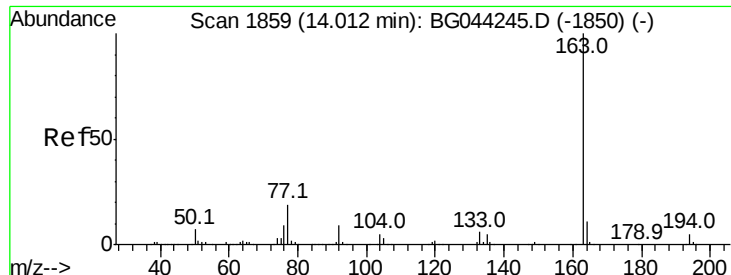
Abundance

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: 3.442 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG044415.D

Acq: 12 Feb 2020 19:08

Instrument :

BNA_G

ClientSampleId :

SB-2I-(13.5-15.5)

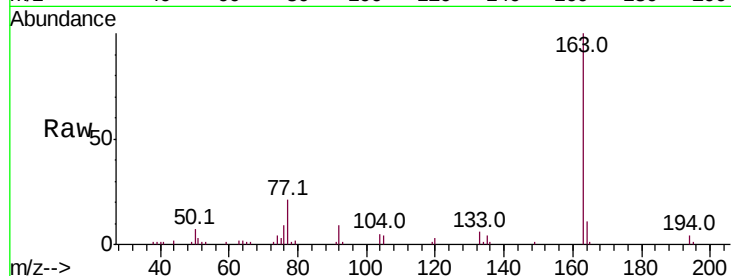
Tot Ion:163 Resp: 53564

Ion Ratio Lower Upper

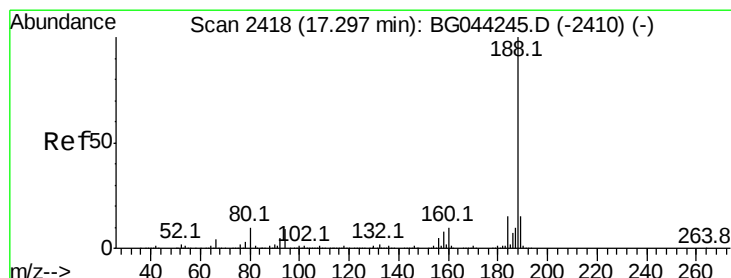
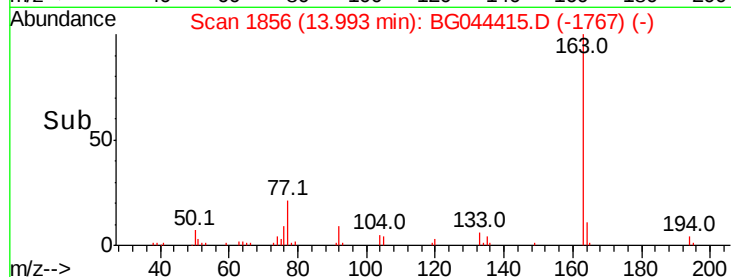
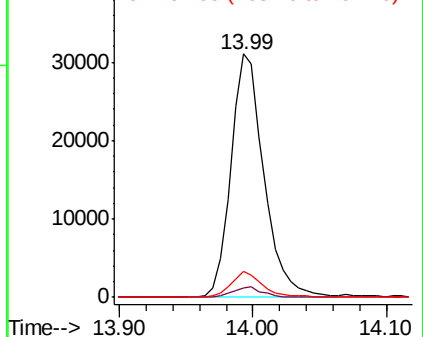
163 100

194 3.8 3.6 5.4

164 10.7 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: 17.28 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG044415.D

Acq: 12 Feb 2020 19:08

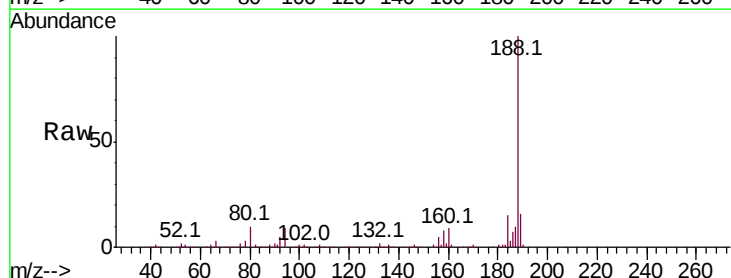
Tgt Ion:188 Resp: 480061

Ion Ratio Lower Upper

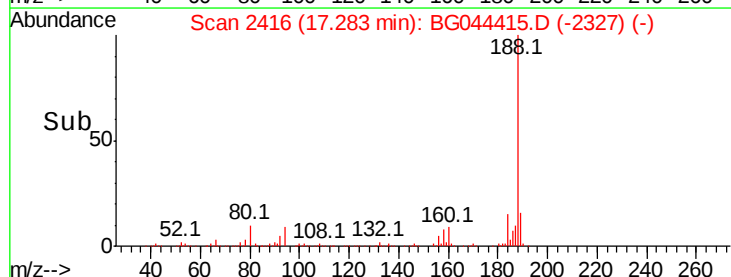
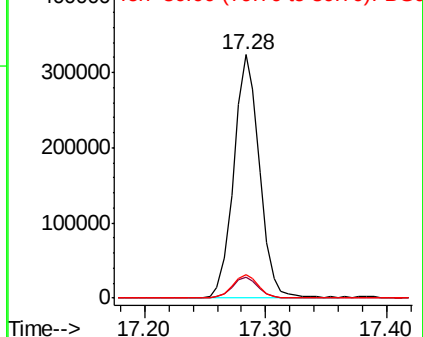
188 100

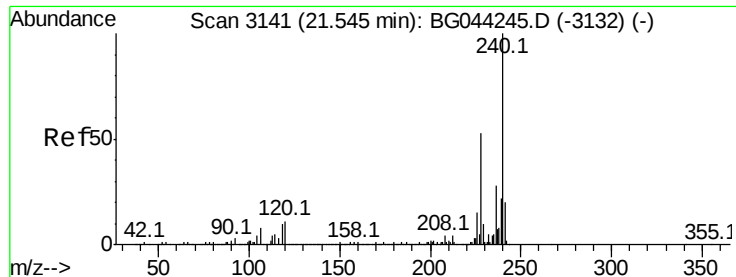
94 8.7 7.4 11.2

80 9.8 7.7 11.5



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

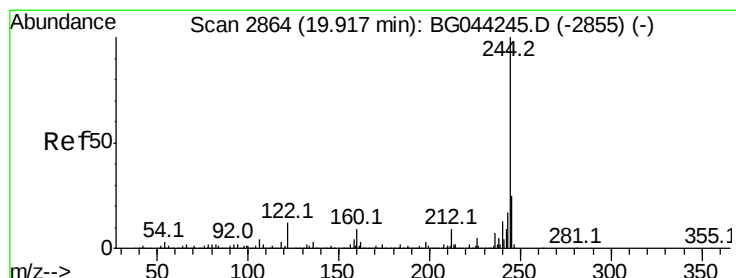
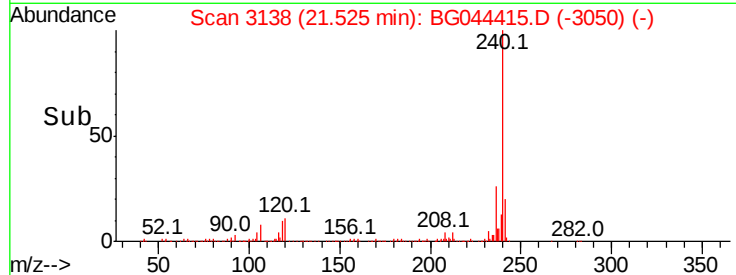
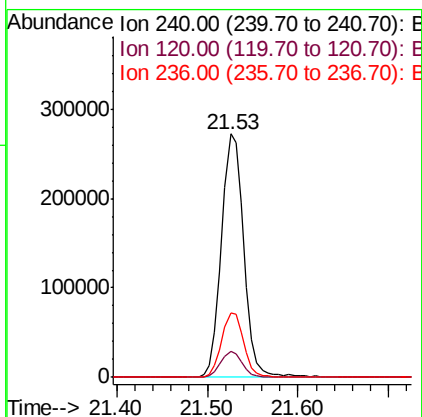
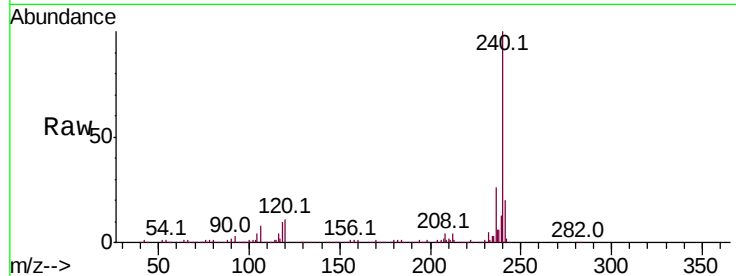




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044415.D
 Acq: 12 Feb 2020 19:08

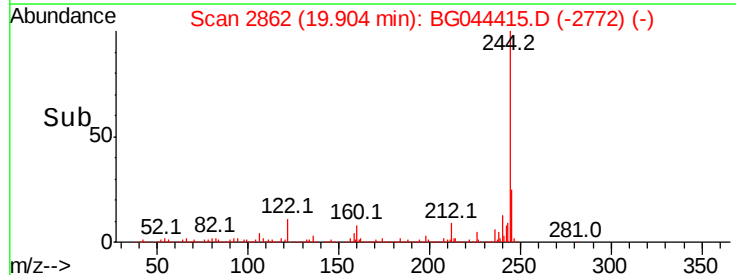
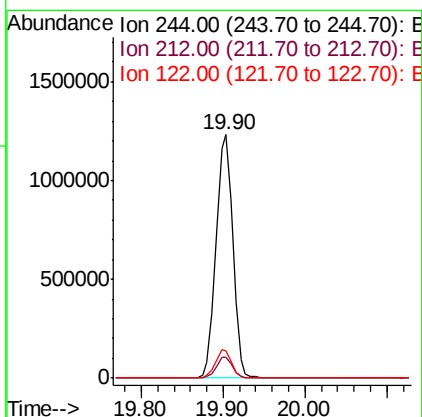
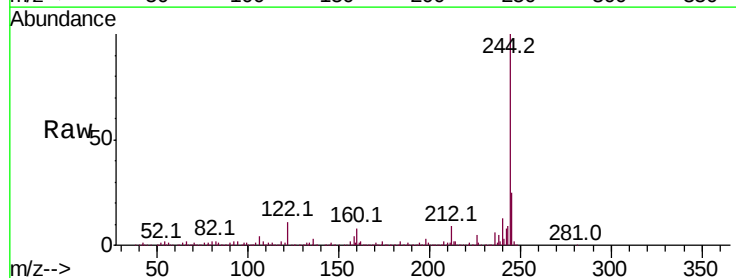
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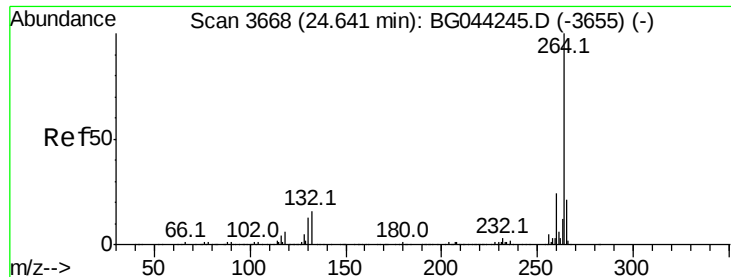
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	26.3	22.1	33.1



#79
 Terphenyl-d14
 Concen: 78.305 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044415.D
 Acq: 12 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.2
122	11.4	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044415.D
Acq: 12 Feb 2020 19:08

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.8	16.7	25.1

