

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044413.D
 Acq On : 12 Feb 2020 17:49
 Operator : CG/JU
 Sample : L1491-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1E-(13.5-15.5)

Quant Time: Feb 13 02:44:22 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

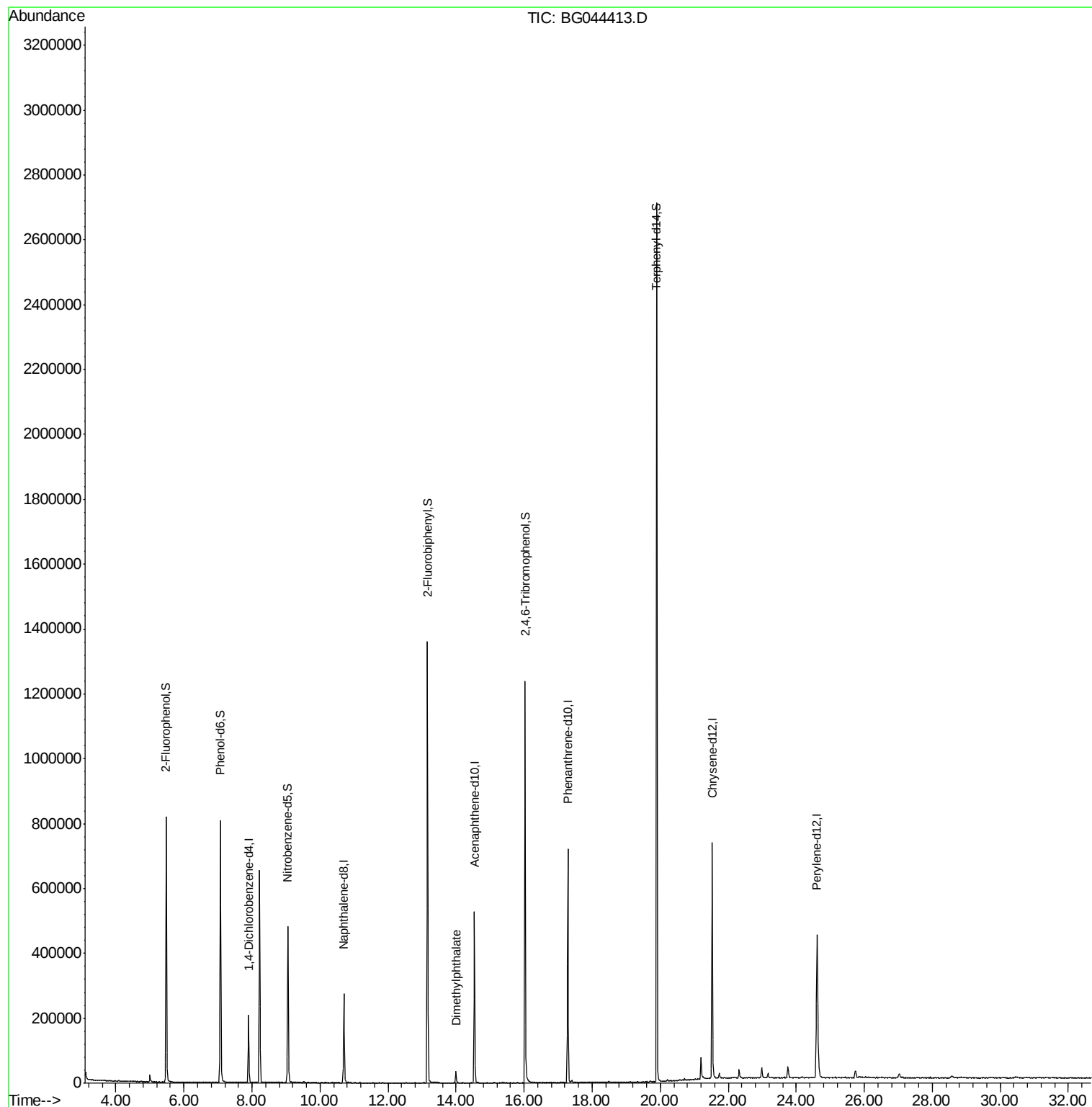
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	61763	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	259765	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	186384	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	475576	20.00	ng	0.00
76) Chrysene-d12	21.53	240	447103	20.00	ng	0.00
87) Perylene-d12	24.62	264	464017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	401066	114.60	ng	0.00
7) Phenol-d6	7.07	99	536645	114.19	ng	0.00
23) Nitrobenzene-d5	9.06	82	319387	69.41	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	250779	114.61	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	783053	70.35	ng	0.00
79) Terphenyl-d14	19.90	244	1364938	62.79	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.99	163	32114	2.397	ng	Qvalue # 94

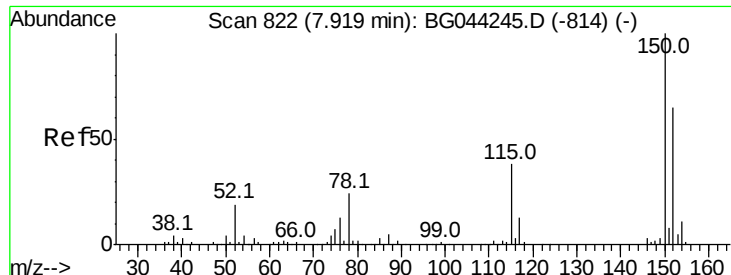
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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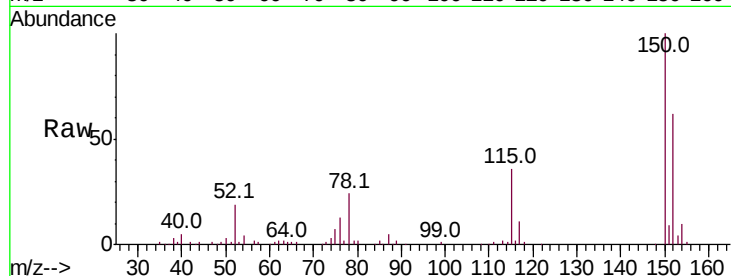


#1

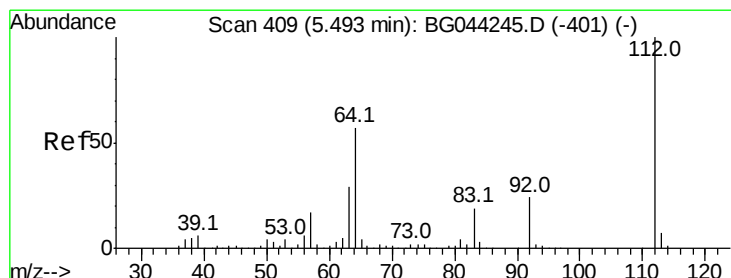
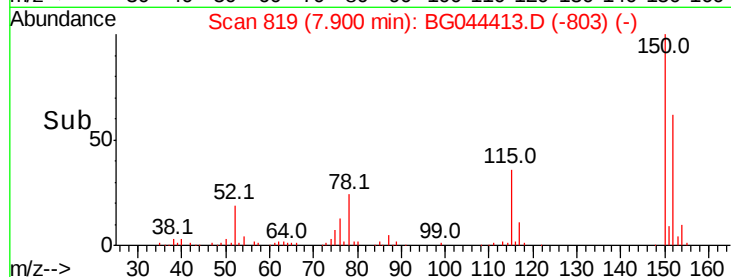
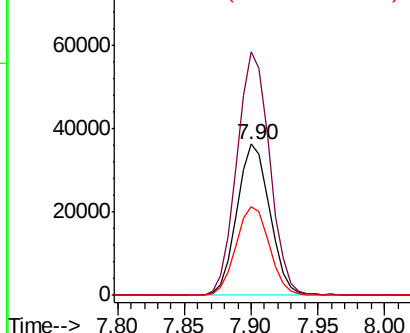
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG044413.D
Acq: 12 Feb 2020 17:49

Instrument :
BNA_G
ClientSampleId :
SB-1E-(13.5-15.5)

Tot Ion:152 Resp: 61763
Ion Ratio Lower Upper
152 100
150 161.1 122.6 183.8
115 58.5 46.0 69.0



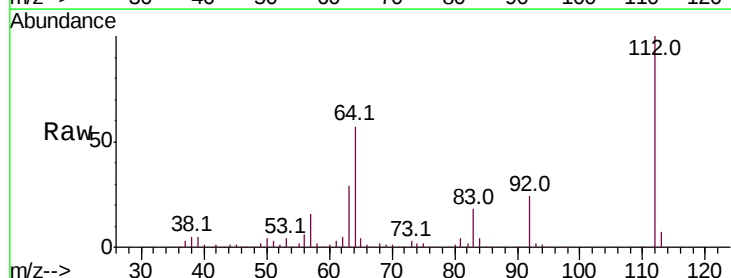
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



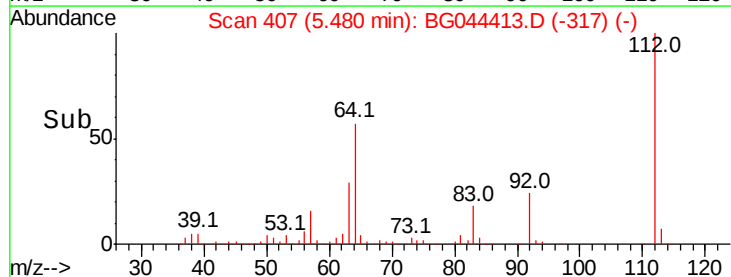
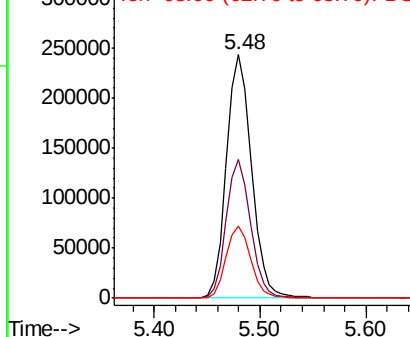
#5

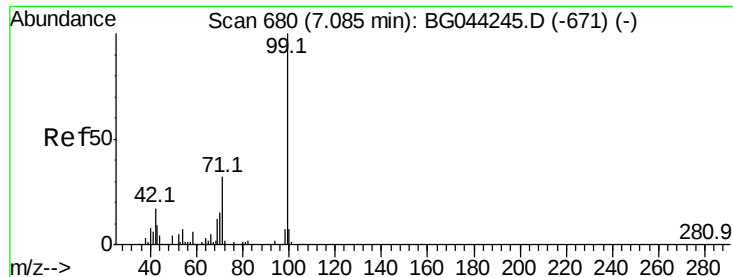
2-Fluorophenol
Concen: 114.602 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044413.D
Acq: 12 Feb 2020 17:49

Tgt Ion:112 Resp: 401066
Ion Ratio Lower Upper
112 100
64 57.1 45.4 68.2
63 29.4 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: 114.192 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044413.D

Acq: 12 Feb 2020 17:49

Instrument :

BNA_G

ClientSampleId :

SB-1E-(13.5-15.5)

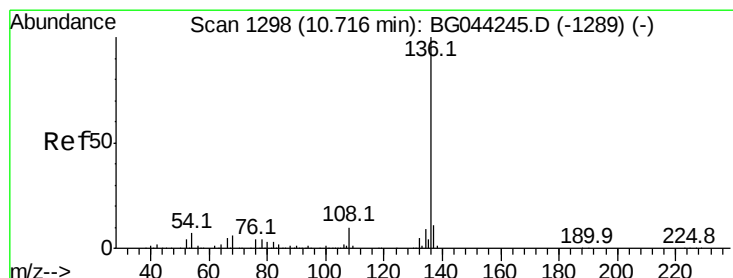
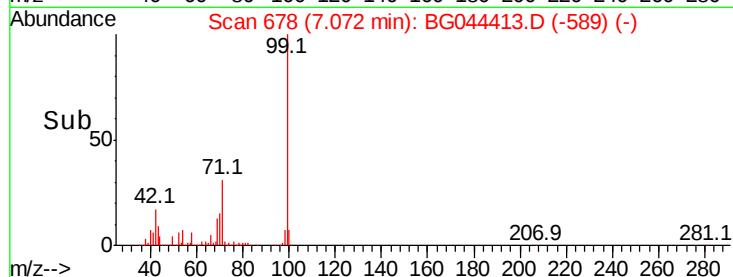
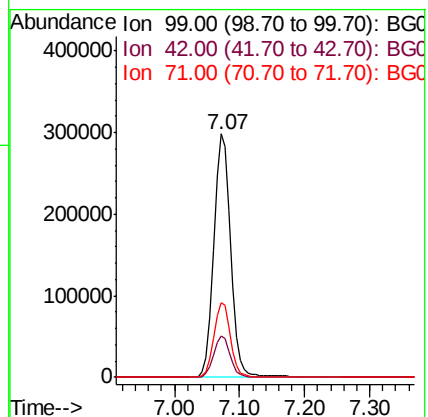
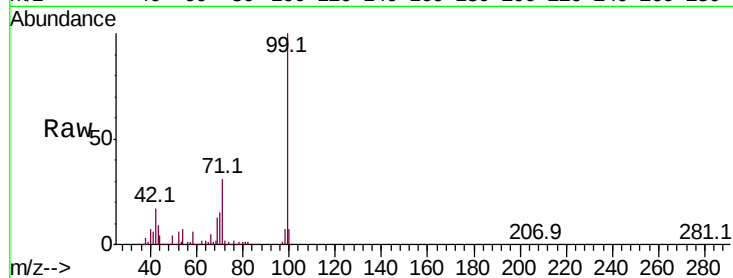
Tot Ion: 99 Resp: 536645

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.6

71 30.7 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044413.D

Acq: 12 Feb 2020 17:49

Tgt Ion: 136 Resp: 259765

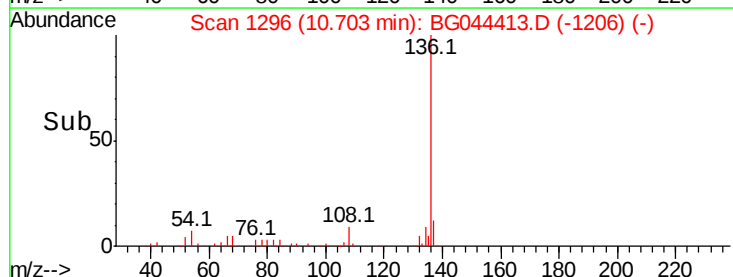
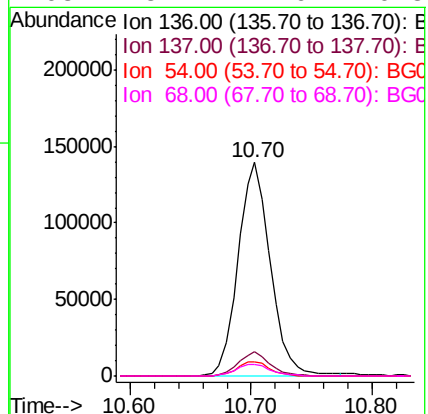
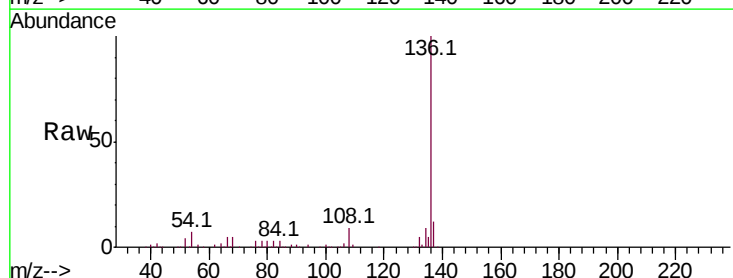
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 6.7 5.8 8.8

68 5.4 4.6 6.8

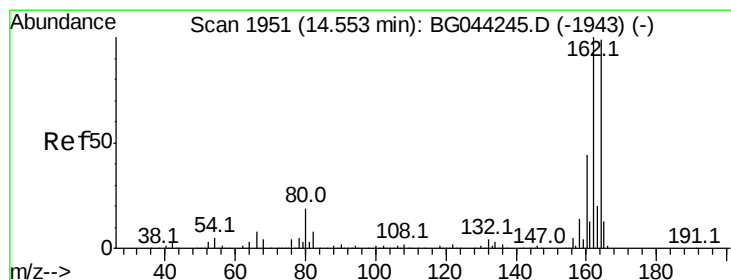
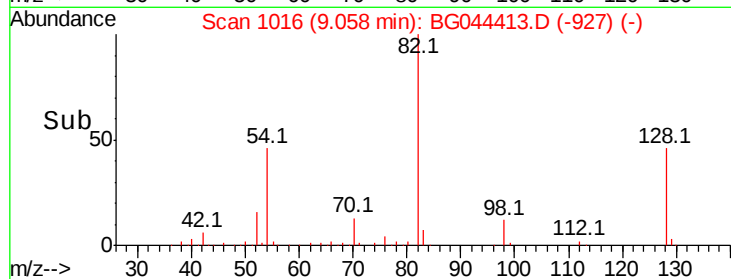
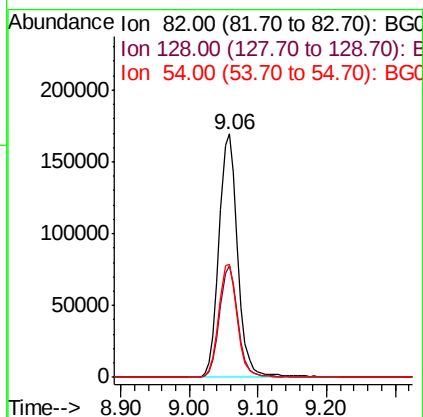
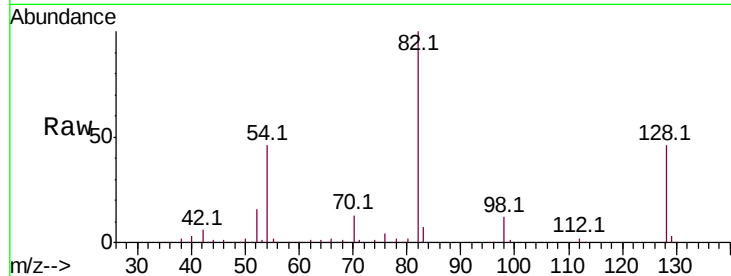




#23
Nitrobenzene-d5
Concen: 69.414 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044413.D
Acq: 12 Feb 2020 17:49

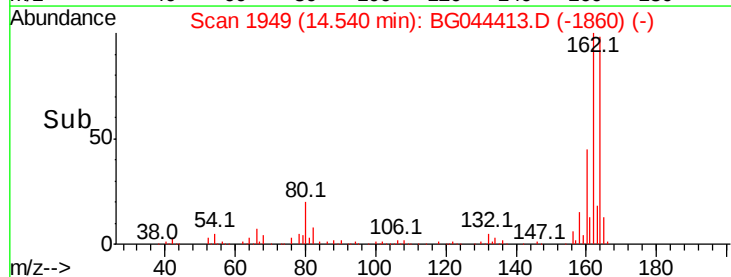
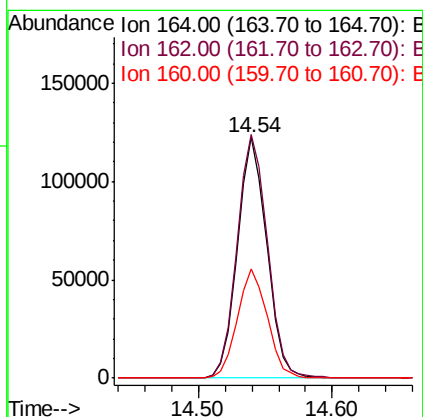
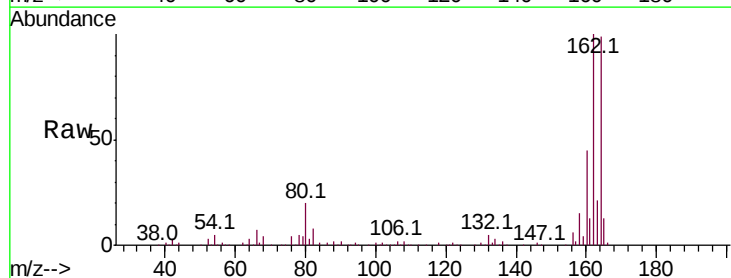
Instrument :
BNA_G
ClientSampleId :
SB-1E-(13.5-15.5)

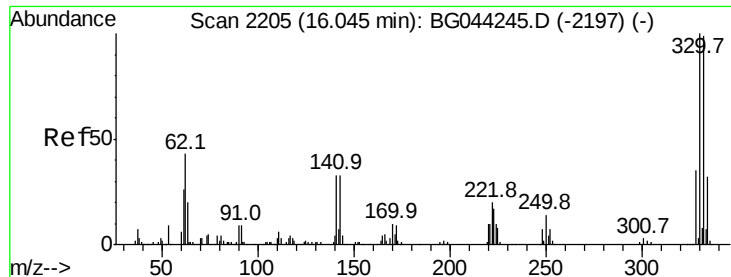
Tot Ion	82	Resp	319387
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.5	54.7
54	46.3	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044413.D
Acq: 12 Feb 2020 17:49

Tgt Ion	164	Resp	186384
Ion Ratio	Lower	Upper	
164	100		
162	101.2	80.7	121.1
160	45.7	35.3	52.9

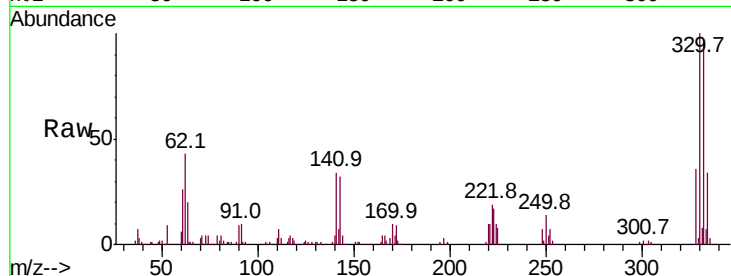




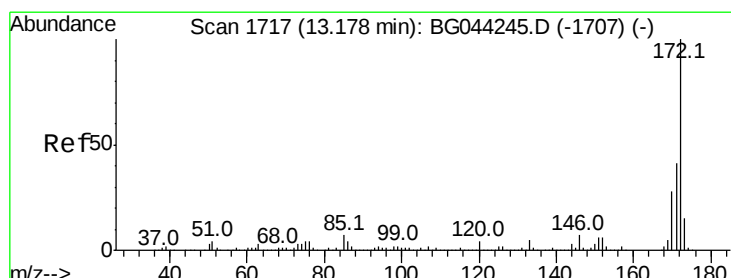
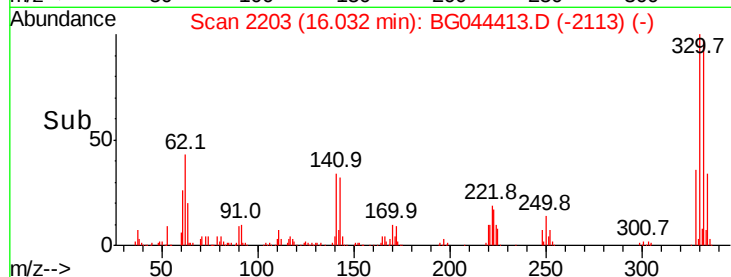
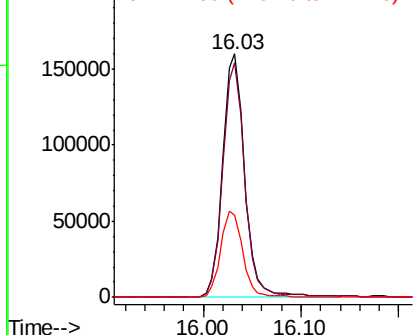
#42
 2,4,6-Tribromophenol
 Concen: 114.613 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG044413.D
 Acq: 12 Feb 2020 17:49

Instrument :
 BNA_G
 ClientSampleId :
 SB-1E-(13.5-15.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	35.9	28.3	42.5

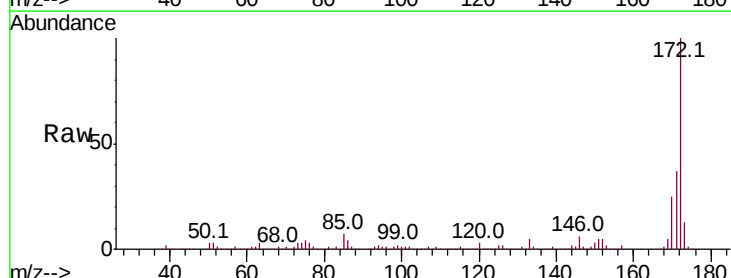


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

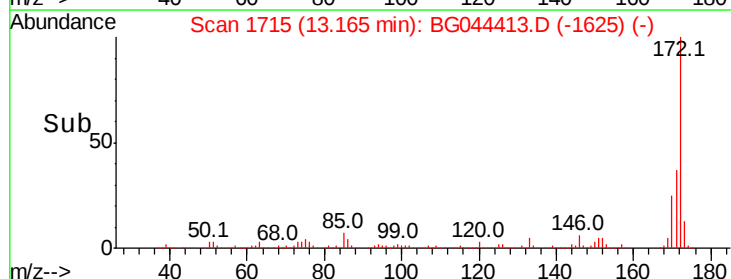
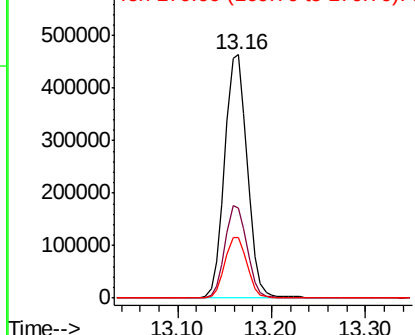


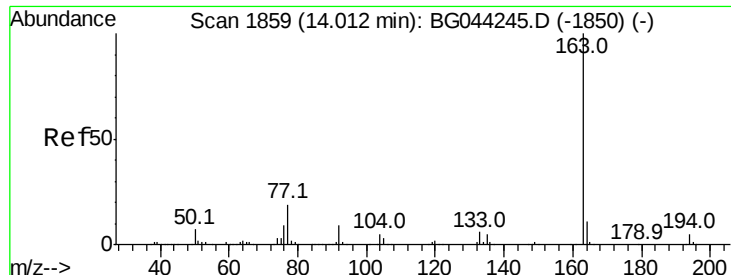
#45
 2-Fluorobiphenyl
 Concen: 70.353 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044413.D
 Acq: 12 Feb 2020 17:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.9	49.3
170	25.0	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: 2.397 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG044413.D

Acq: 12 Feb 2020 17:49

Instrument :

BNA_G

ClientSampleId :

SB-1E-(13.5-15.5)

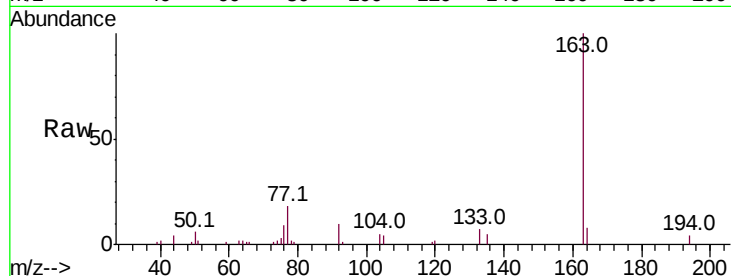
Tot Ion:163 Resp: 32114

Ion Ratio Lower Upper

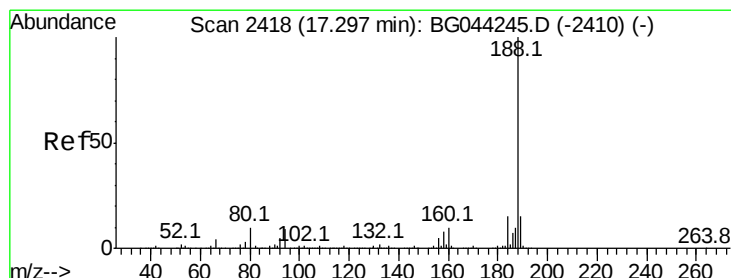
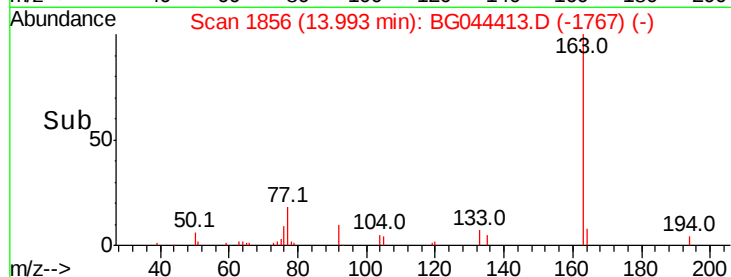
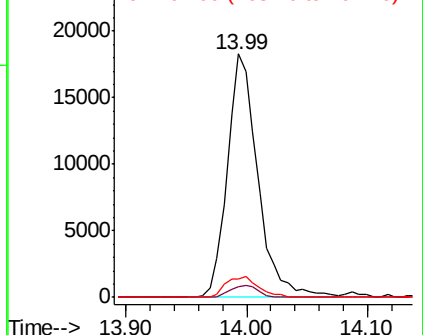
163 100

194 4.3 3.6 5.4

164 7.8 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: BG044413.D

Acq: 12 Feb 2020 17:49

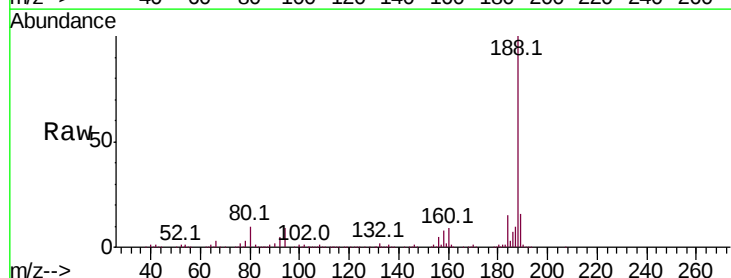
Tgt Ion:188 Resp: 475576

Ion Ratio Lower Upper

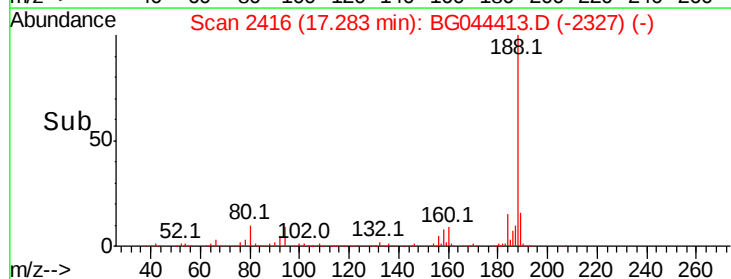
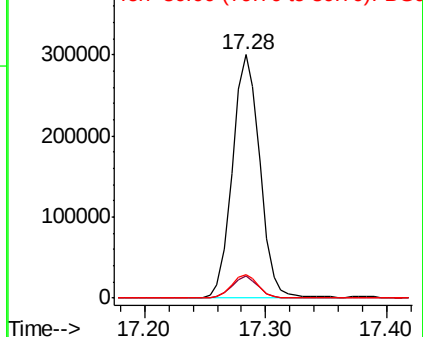
188 100

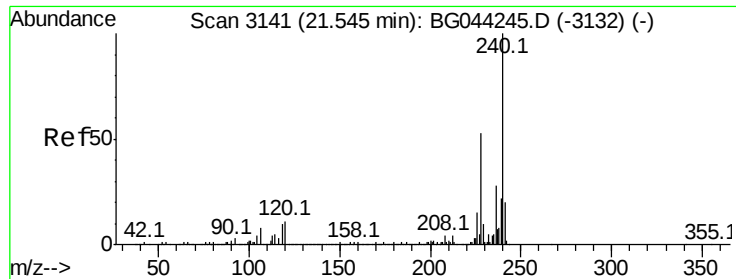
94 9.0 7.4 11.2

80 9.9 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

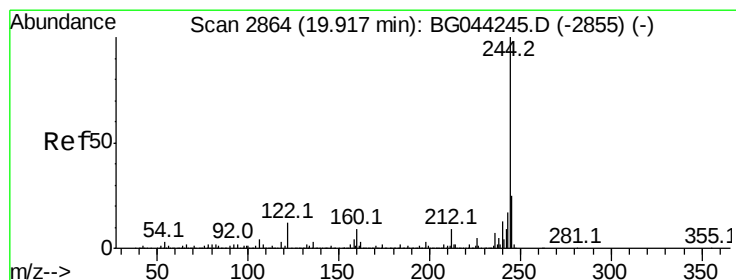
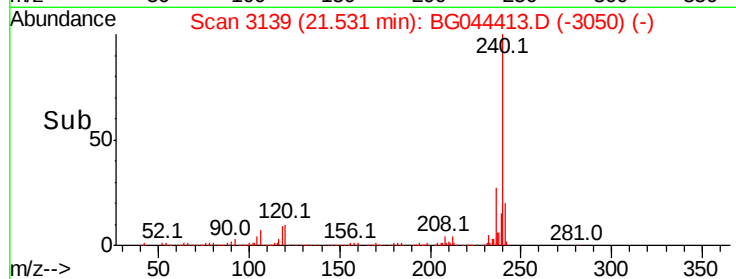
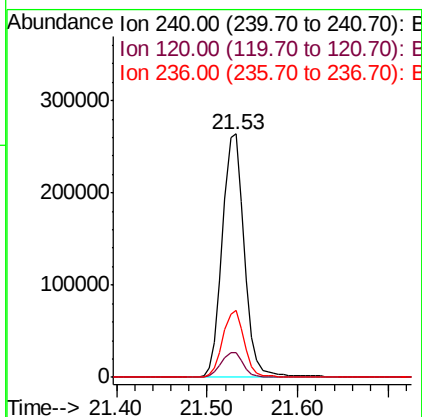
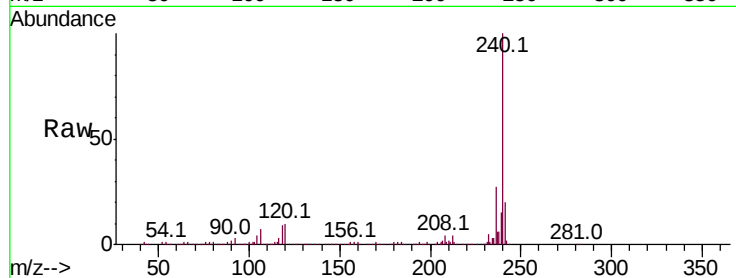




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044413.D
 Acq: 12 Feb 2020 17:49

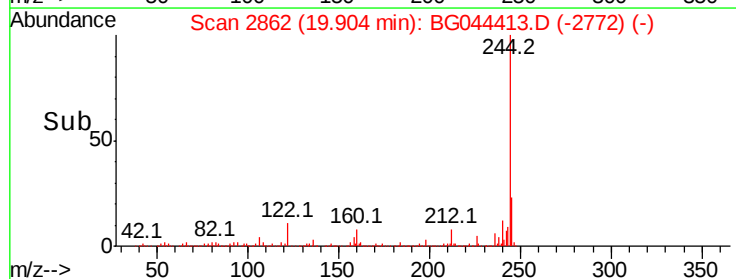
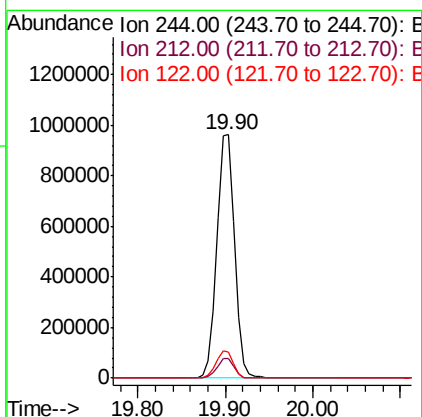
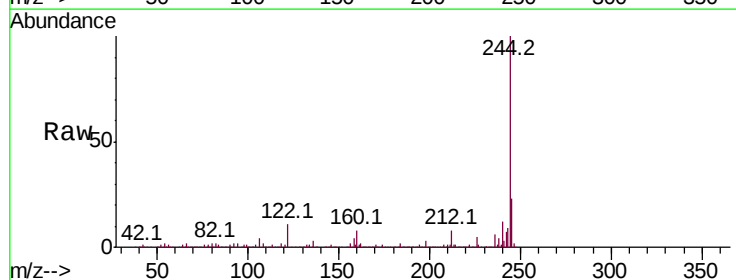
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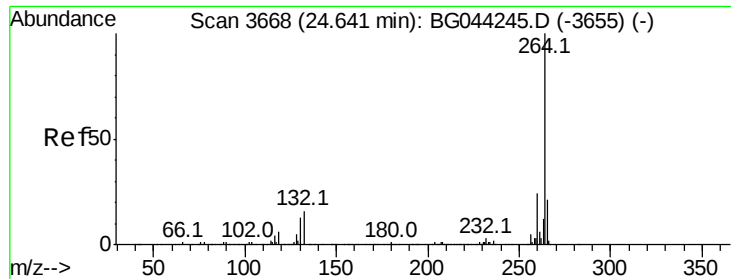
Tot Ion:240 Resp: 447103
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 27.5 22.1 33.1



#79
 Terphenyl-d14
 Concen: 62.793 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044413.D
 Acq: 12 Feb 2020 17:49

Tgt Ion:244 Resp: 1364938
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.4 11.2
 122 10.7 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044413.D
Acq: 12 Feb 2020 17:49

Instrument :
BNA_G
ClientSampleId :
SB-1E-(13.5-15.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.6	16.7	25.1

