

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043415.D
 Acq On : 31 Oct 2019 00:25
 Operator : JU
 Sample : K5599-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z3-21A

Quant Time: Oct 31 06:43:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

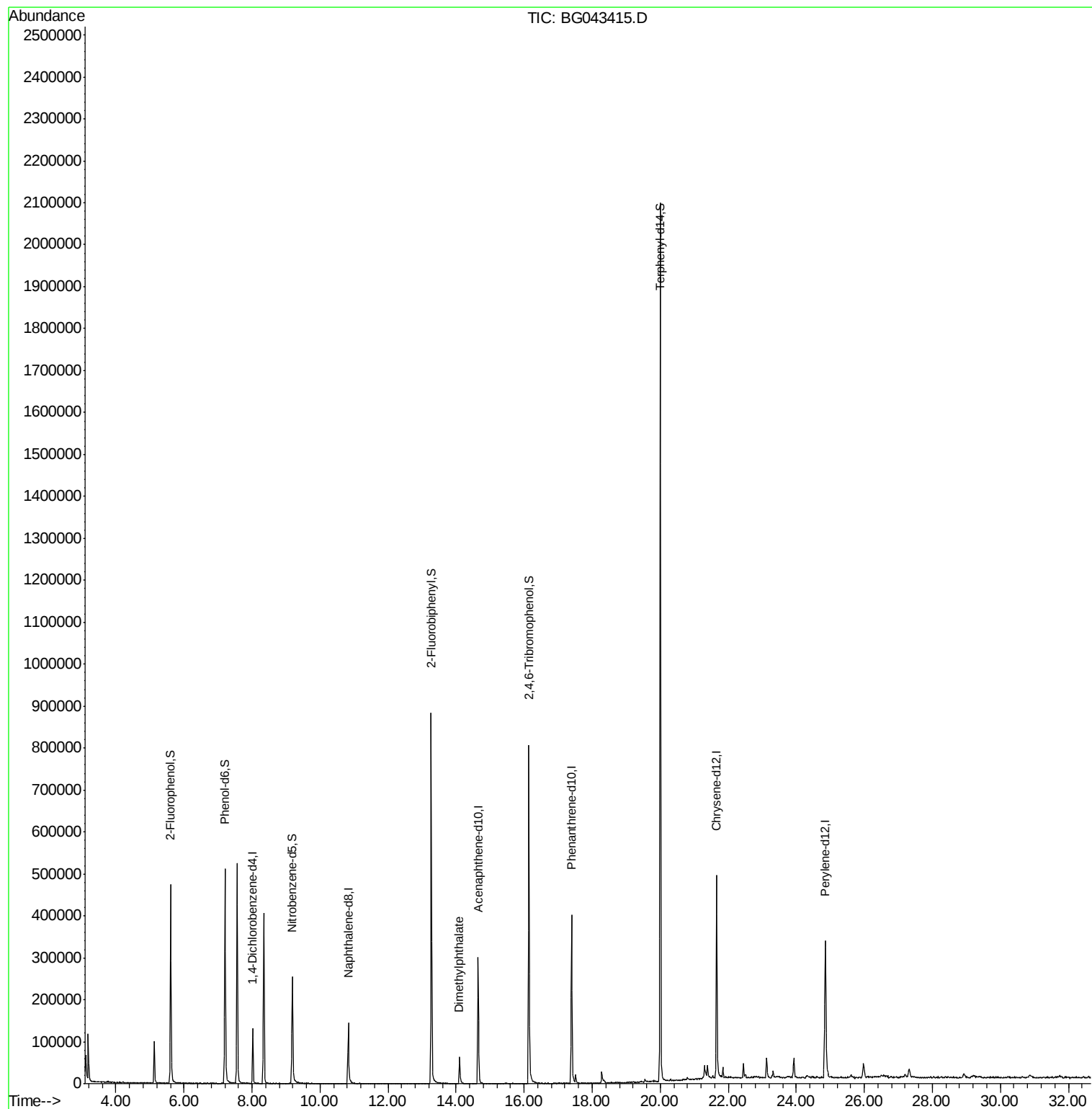
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41685	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	160195	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	121344	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	293538	20.00	ng	0.00
76) Chrysene-d12	21.66	240	323526	20.00	ng	0.00
87) Perylene-d12	24.85	264	370119	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	224718	98.78	ng	0.00
7) Phenol-d6	7.21	99	324323	99.09	ng	0.00
23) Nitrobenzene-d5	9.19	82	187359	60.30	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	204103	88.39	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	541753	61.69	ng	0.00
79) Terphenyl-d14	20.00	244	1106610	64.17	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	60255	6.411	ng	Qvalue 99

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

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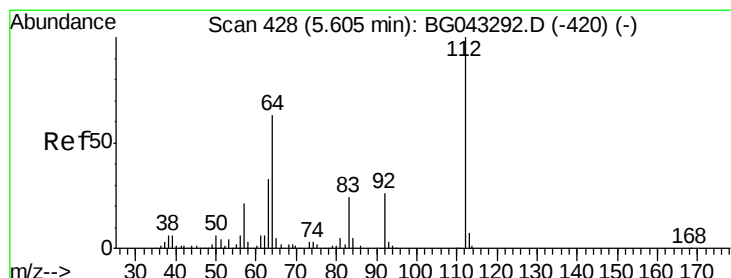
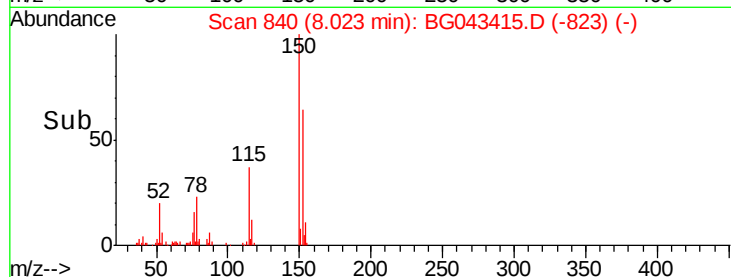
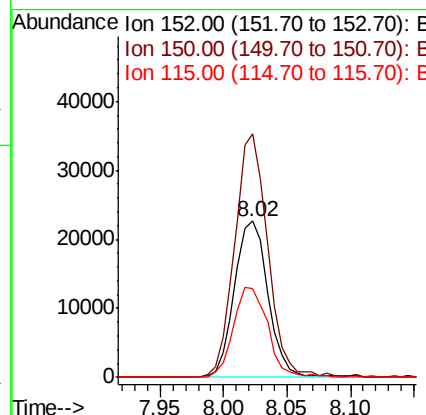
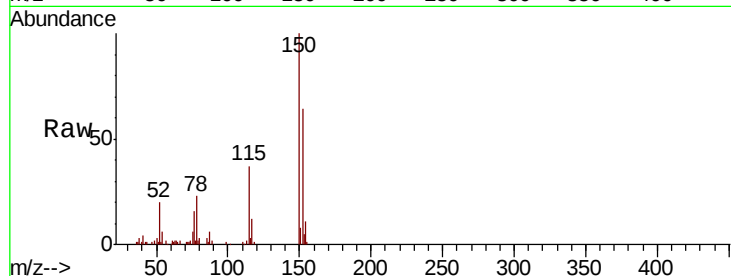


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043415.D
Acq: 31 Oct 2019 00:25

Instrument :
BNA_G
ClientSampleId :
Z3-21A

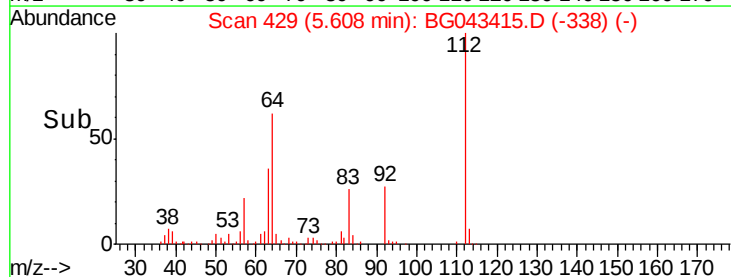
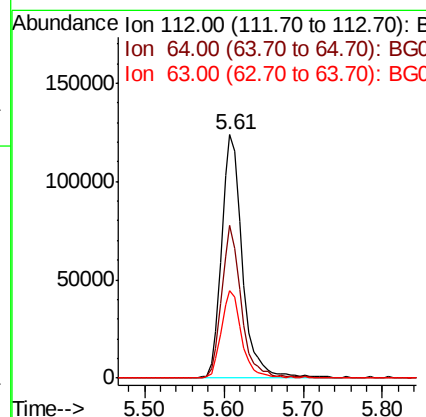
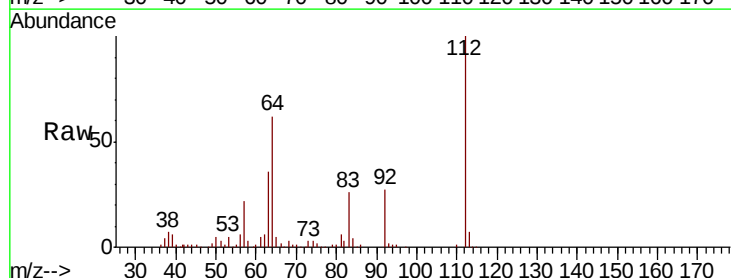
Tot Ion	152	Resp	41685
Ion	Ratio	Lower	Upper
152	100		
150	155.6	113.6	170.4
115	57.1	45.9	68.9

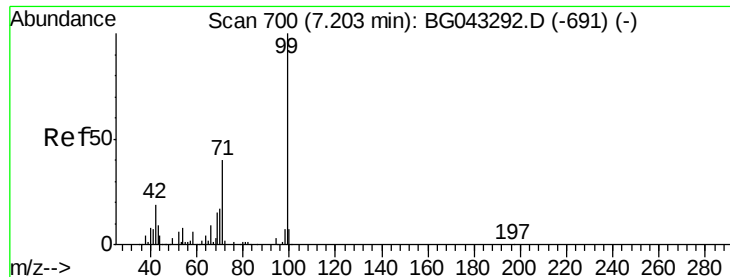


#5

2-Fluorophenol
Concen: 98.785 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043415.D
Acq: 31 Oct 2019 00:25

Tgt Ion	112	Resp	224718
Ion	Ratio	Lower	Upper
112	100		
64	62.5	50.2	75.2
63	36.1	26.7	40.1





#7

Phenol-d6

Concen: 99.092 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043415.D

Acq: 31 Oct 2019 00:25

Instrument :

BNA_G

ClientSampleId :

Z3-21A

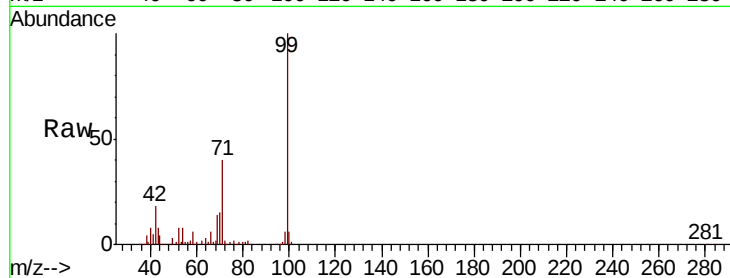
Tot Ion: 99 Resp: 324323

Ion Ratio Lower Upper

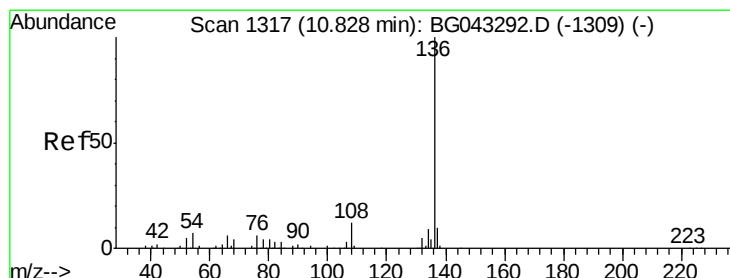
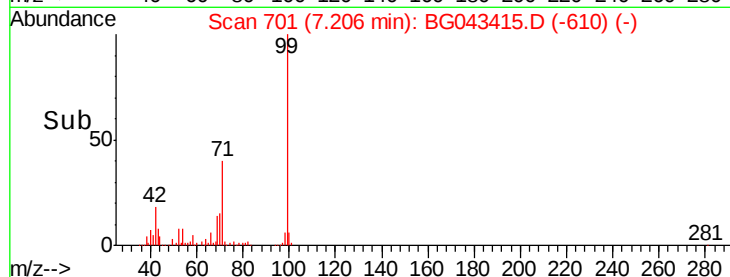
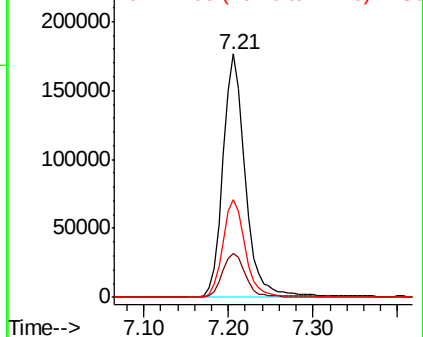
99 100

42 18.0 14.9 22.3

71 40.0 32.2 48.2



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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043415.D

Acq: 31 Oct 2019 00:25

Tgt Ion: 136 Resp: 160195

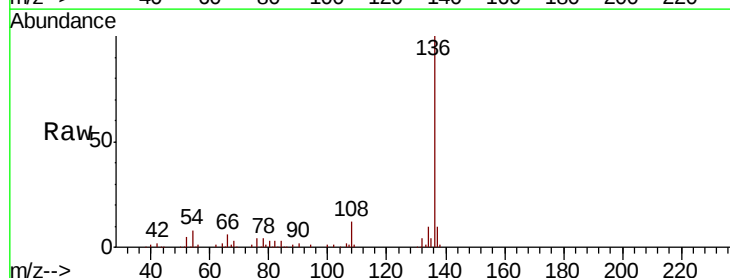
Ion Ratio Lower Upper

136 100

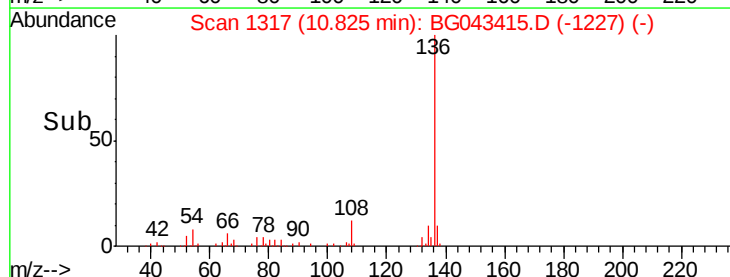
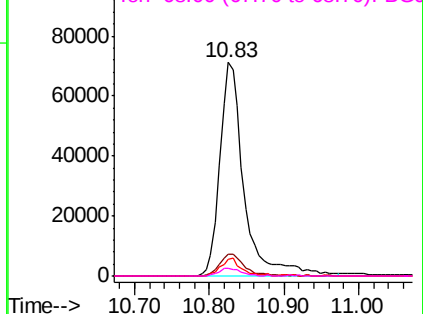
137 9.9 8.2 12.2

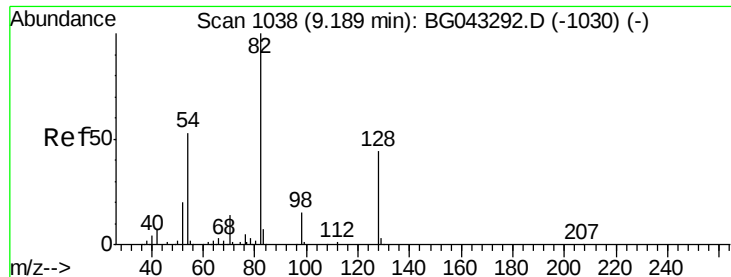
54 7.8 5.4 8.2

68 3.4 3.3 4.9



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

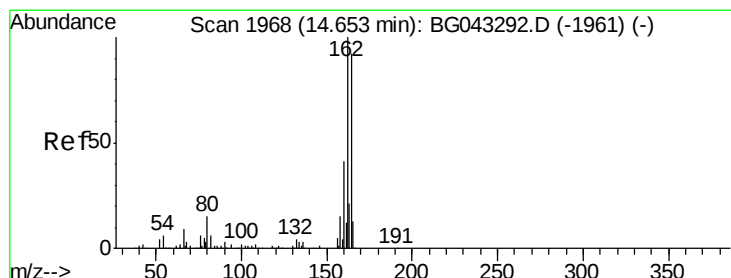
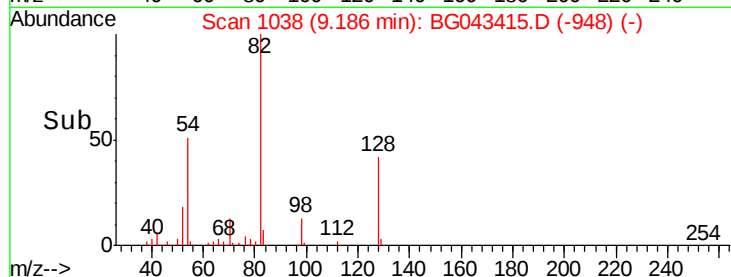
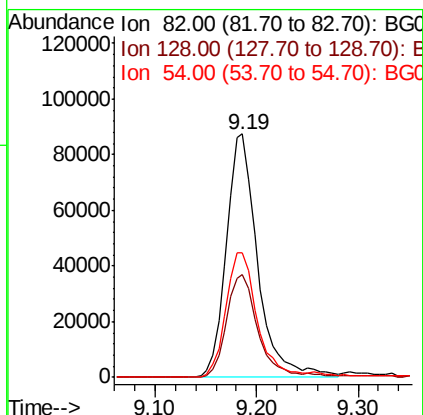
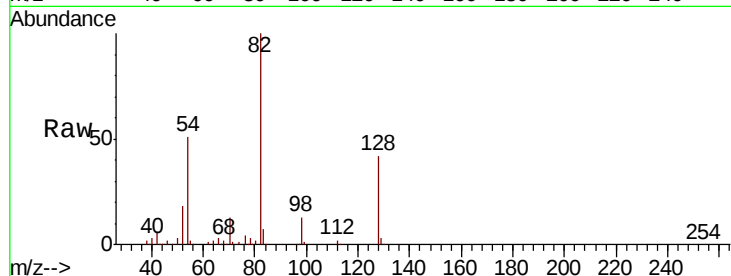




#23
Nitrobenzene-d5
Concen: 60.297 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043415.D
Acq: 31 Oct 2019 00:25

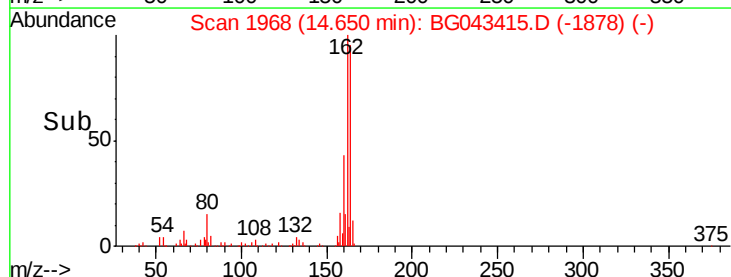
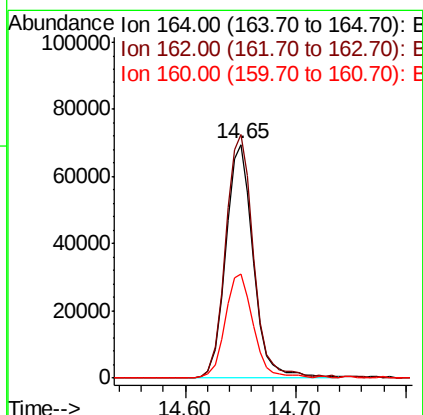
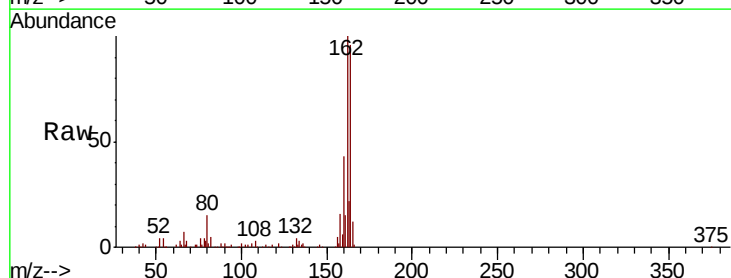
Instrument :
BNA_G
ClientSampleId :
Z3-21A

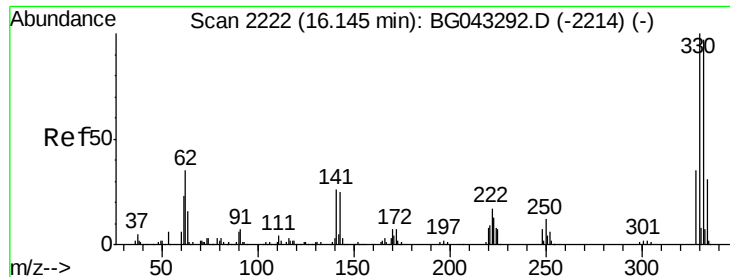
Tot Ion	82	Resp	187359
Ion Ratio	Lower	Upper	
82	100		
128	42.2	35.3	52.9
54	51.0	42.3	63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043415.D
Acq: 31 Oct 2019 00:25

Tgt Ion	164	Resp	121344
Ion Ratio	Lower	Upper	
164	100		
162	104.1	87.0	130.4
160	44.3	35.5	53.3

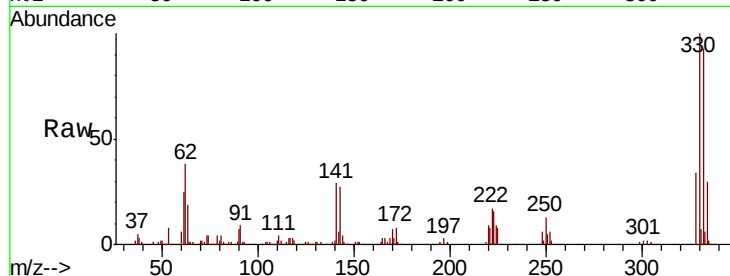




#42
 2,4,6-Tribromophenol
 Concen: 88.388 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043415.D
 Acq: 31 Oct 2019 00:25

Instrument :
 BNA_G
 ClientSampleId :
 Z3-21A

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.4	114.6
141	28.4	21.4	32.0

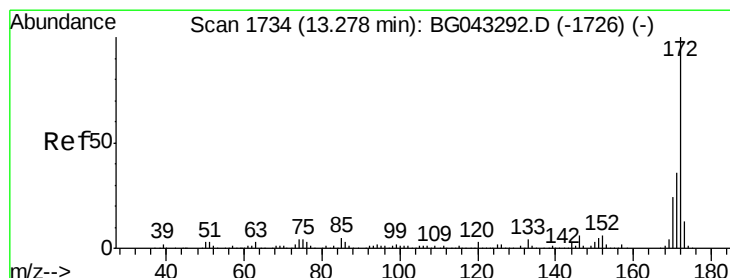
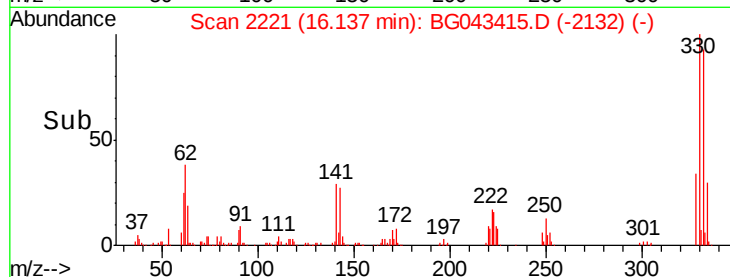
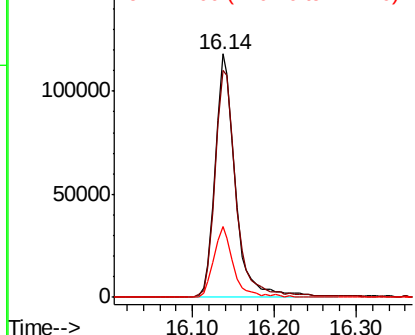


Abundance

Ion 329.80 (329.50 to 330.50): E

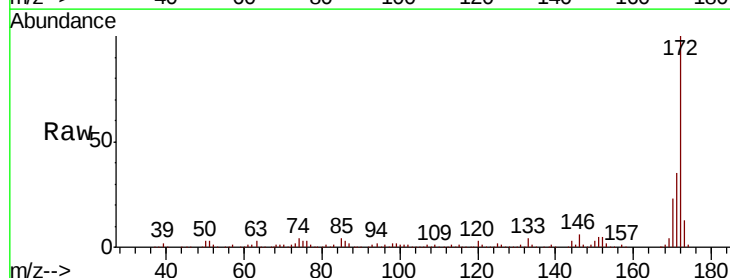
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.692 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043415.D
 Acq: 31 Oct 2019 00:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	22.8	18.8	28.2

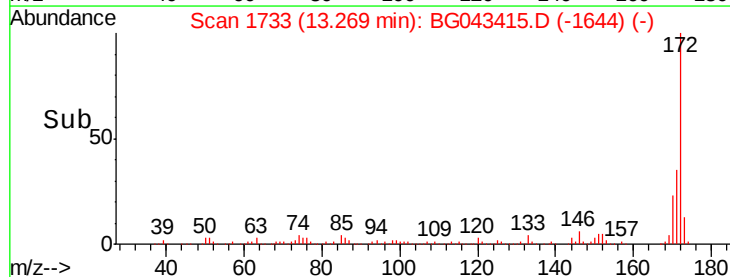
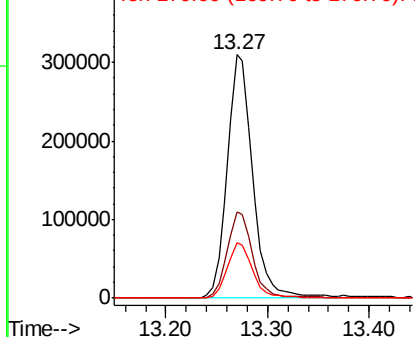


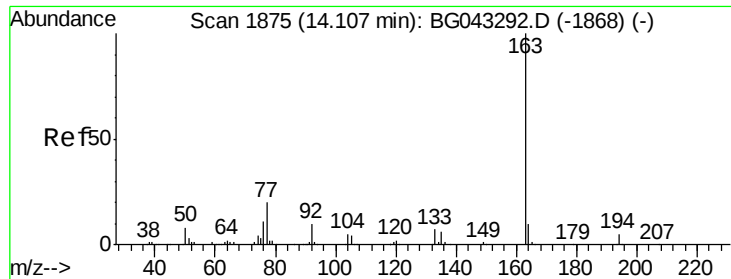
Abundance

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: 6.411 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG043415.D

Acq: 31 Oct 2019 00:25

Instrument :

BNA_G

ClientSampleId :

Z3-21A

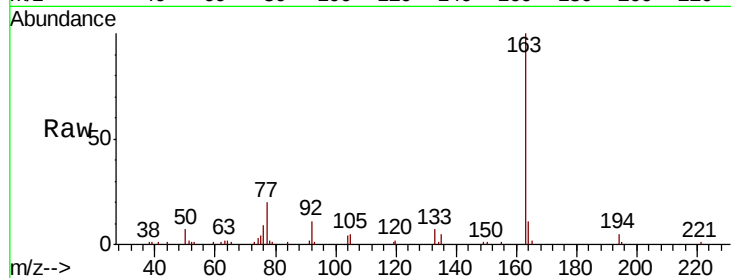
Tot Ion:163 Resp: 60255

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

164 10.9 8.1 12.1

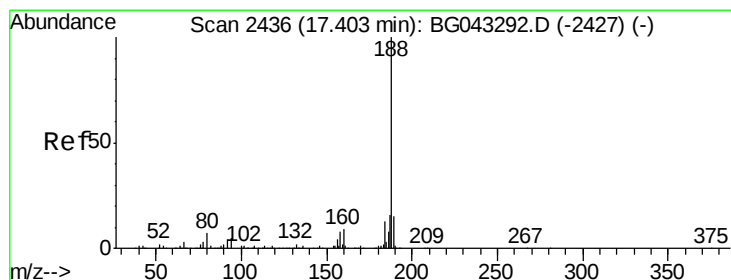
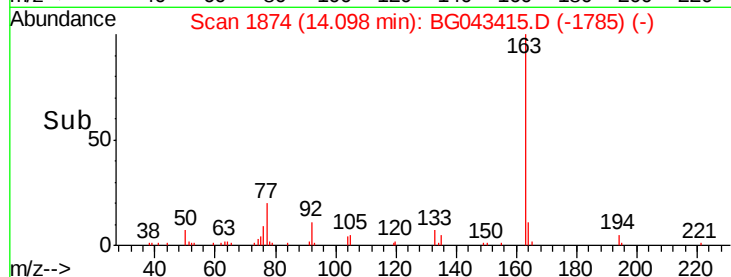
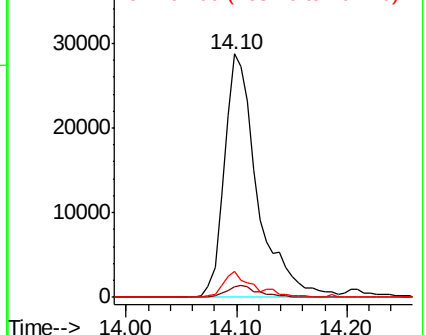


Abundance

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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043415.D

Acq: 31 Oct 2019 00:25

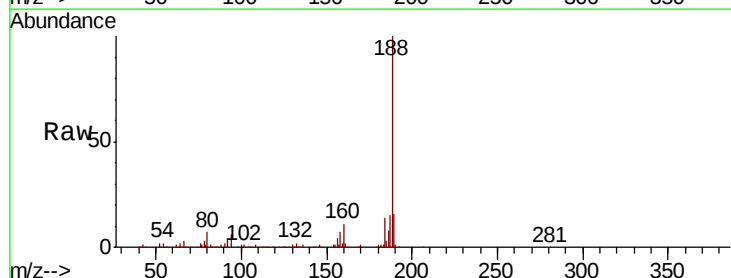
Tgt Ion:188 Resp: 293538

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.2

80 7.3 5.2 7.8

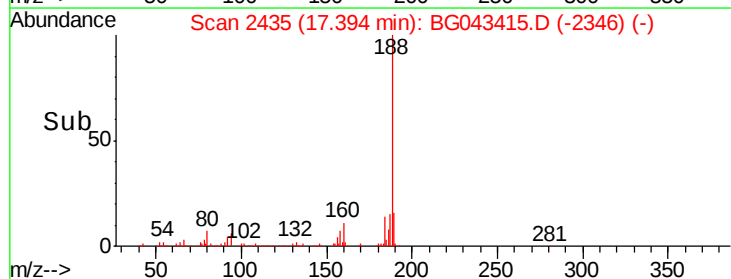
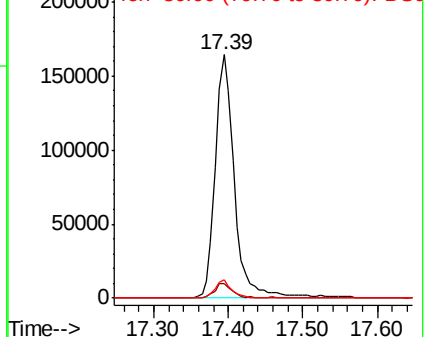


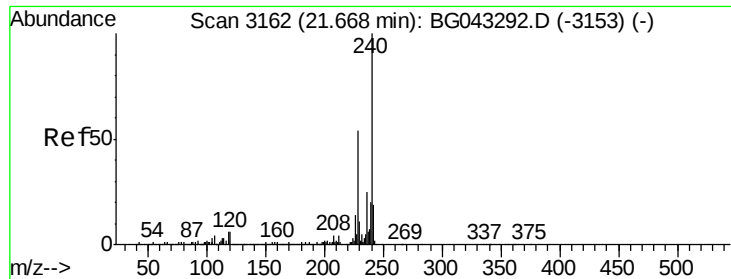
Abundance

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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043415.D

Acq: 31 Oct 2019 00:25

Instrument :

BNA_G

ClientSampleId :

Z3-21A

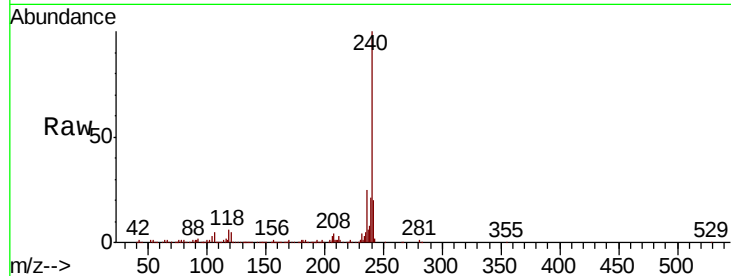
Tot Ion:240 Resp: 323526

Ion Ratio Lower Upper

240 100

120 5.3 4.6 7.0

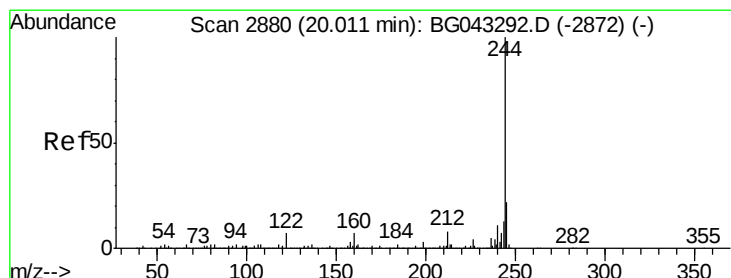
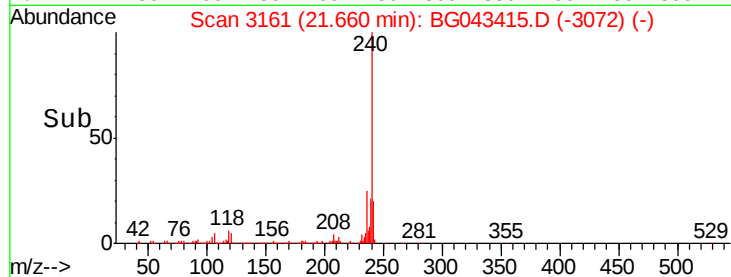
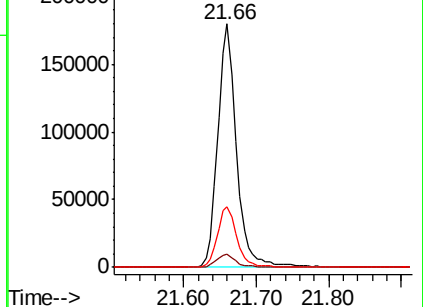
236 24.9 20.2 30.4



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: 64.170 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043415.D

Acq: 31 Oct 2019 00:25

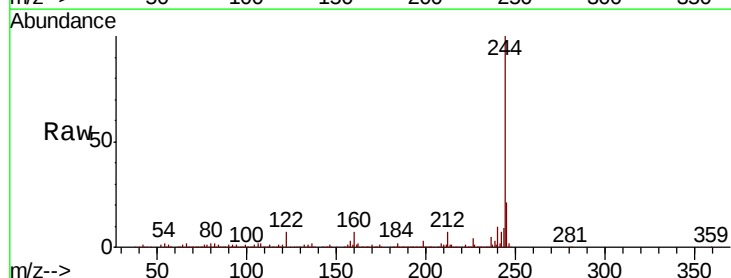
Tgt Ion:244 Resp: 1106610

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

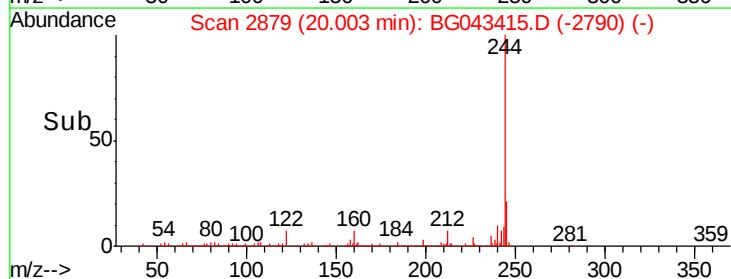
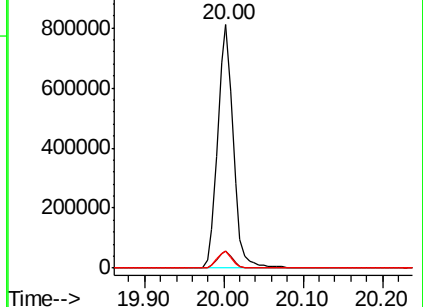
122 6.9 5.3 7.9

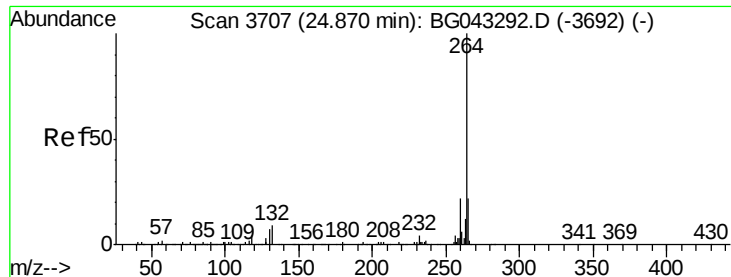


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG043415.D
Acq: 31 Oct 2019 00:25

Instrument :
BNA_G
ClientSampleId :
Z3-21A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.9	26.9
265	21.2	17.4	26.2

