

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043475.D
 Acq On : 1 Nov 2019 21:10
 Operator : JU
 Sample : K5143-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-103019

Quant Time: Nov 02 00:14:24 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

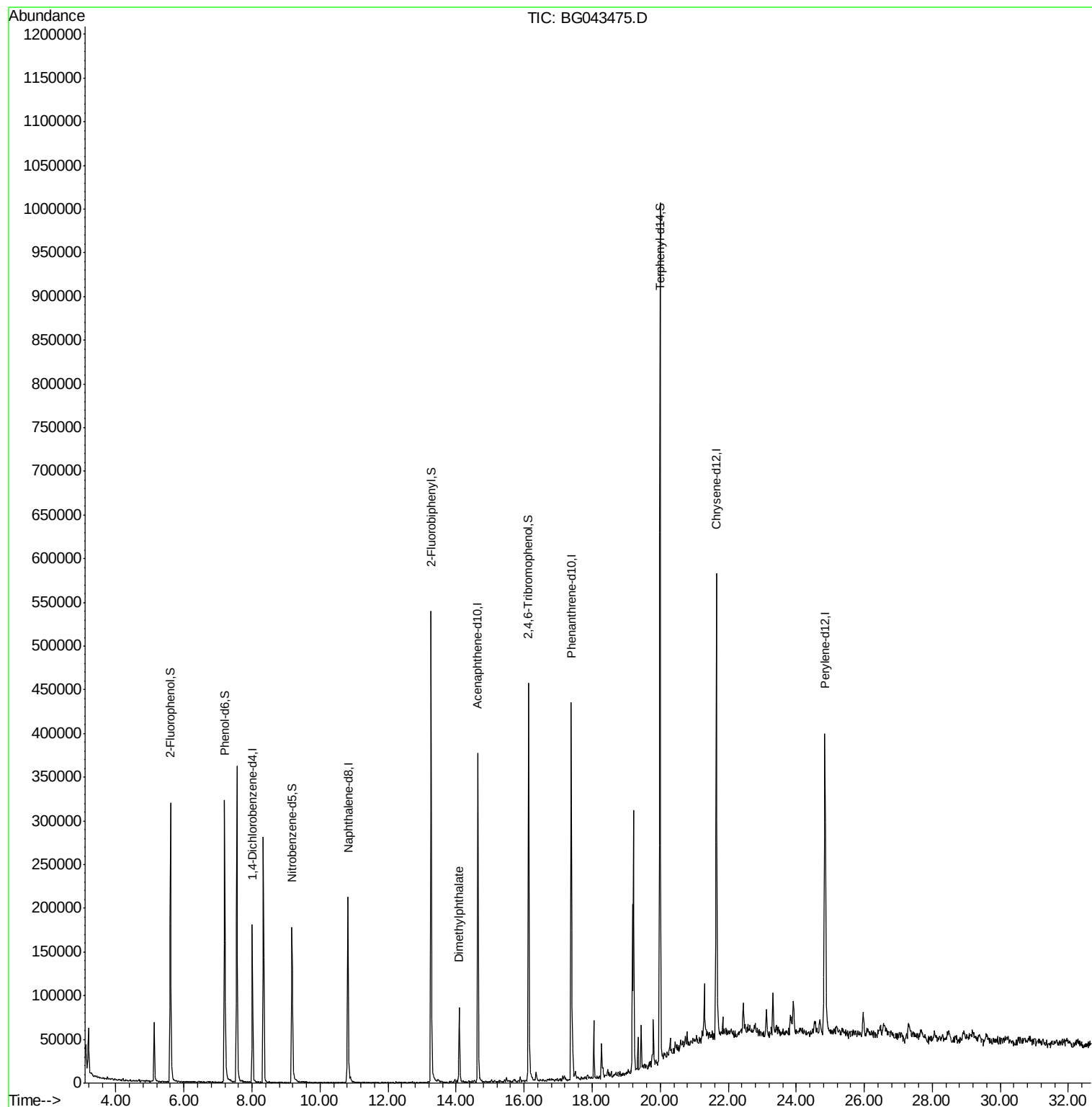
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	56742	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	213428	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	142921	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	317639	20.00	ng	-0.02
76) Chrysene-d12	21.65	240	336495	20.00	ng	-0.01
87) Perylene-d12	24.85	264	396770	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	161033	52.00	ng	0.00
7) Phenol-d6	7.20	99	218731	49.10	ng	0.00
23) Nitrobenzene-d5	9.18	82	131560	31.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	116114	42.69	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	333287	32.22	ng	-0.01
79) Terphenyl-d14	20.00	244	549303	30.63	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.09	163	65371	5.905	ng	Qvalue 100

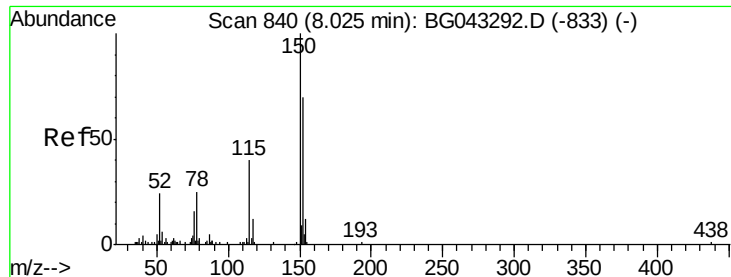
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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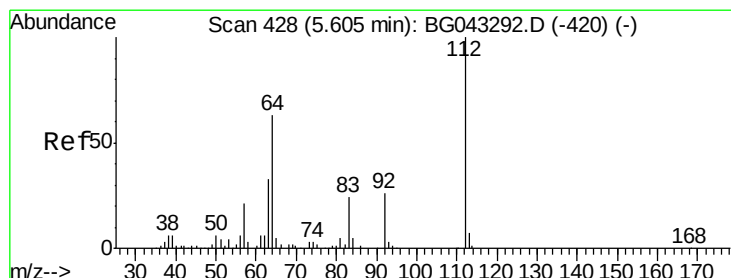
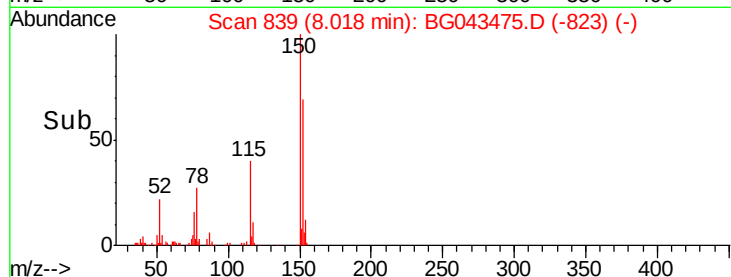
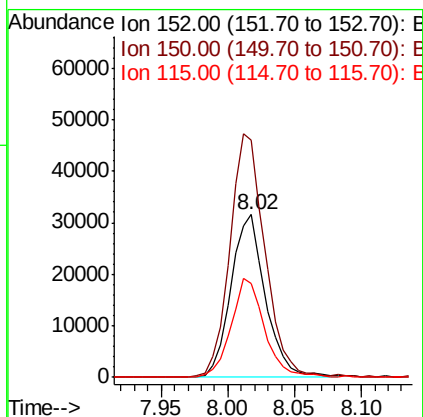
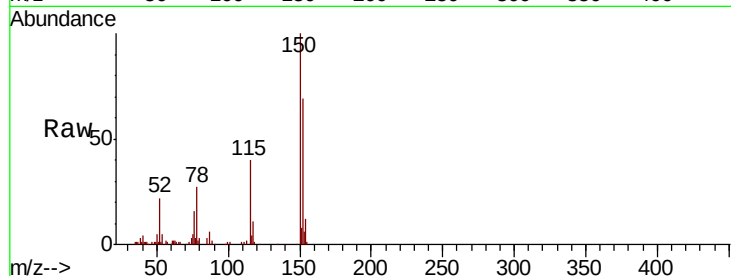


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043475.D
Acq: 1 Nov 2019 21:10

Instrument :
BNA_G
ClientSampleId :
NB-08-103019

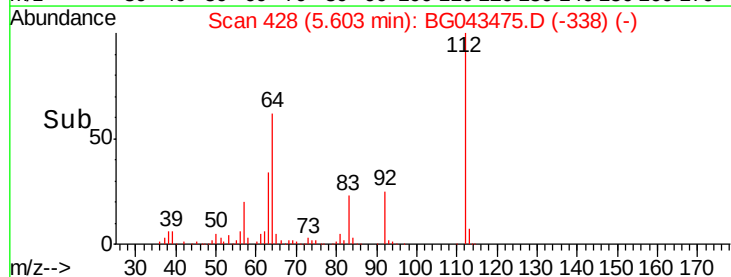
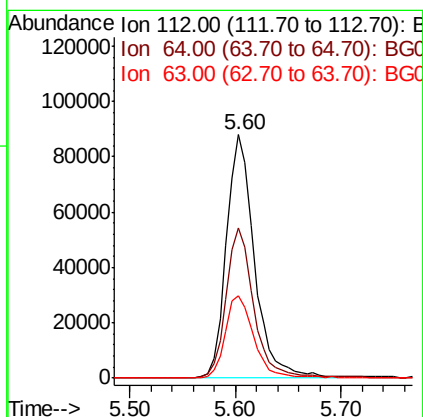
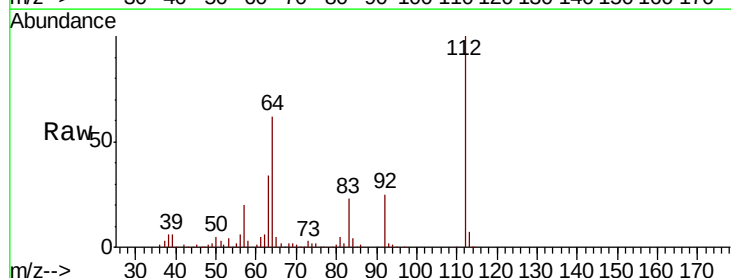
Tot Ion:152 Resp: 56742
Ion Ratio Lower Upper
152 100
150 145.7 113.6 170.4
115 57.8 45.9 68.9

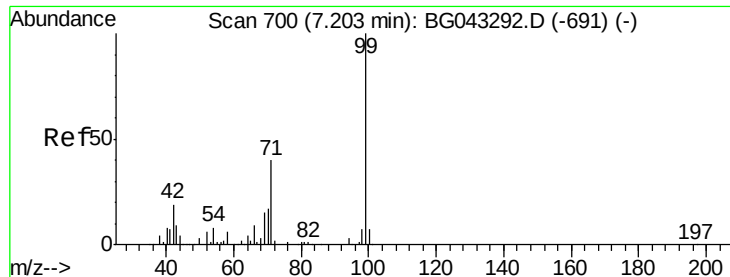


#5

2-Fluorophenol
Concen: 52.005 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043475.D
Acq: 1 Nov 2019 21:10

Tgt Ion:112 Resp: 161033
Ion Ratio Lower Upper
112 100
64 61.5 50.2 75.2
63 34.0 26.7 40.1





#7

Phenol-d6

Concen: 49.096 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043475.D

Acq: 1 Nov 2019 21:10

Instrument :

BNA_G

ClientSampleId :

NB-08-103019

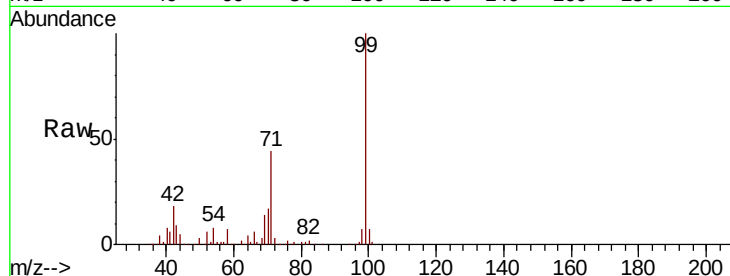
Tot Ion: 99 Resp: 218731

Ion Ratio Lower Upper

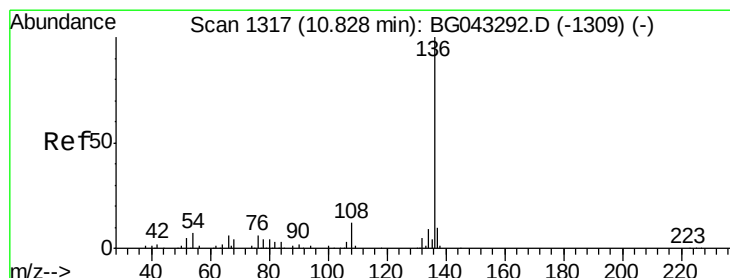
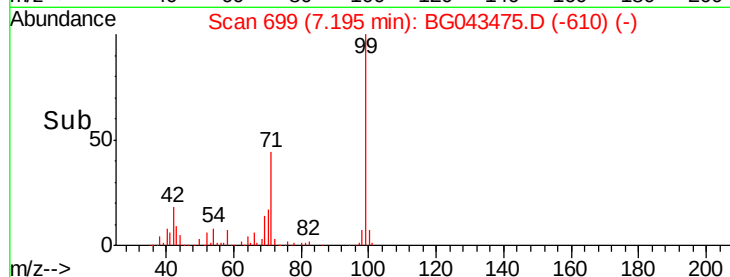
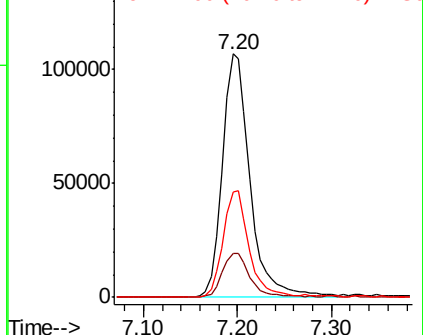
99 100

42 18.2 14.9 22.3

71 43.5 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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG043475.D

Acq: 1 Nov 2019 21:10

Tgt Ion: 136 Resp: 213428

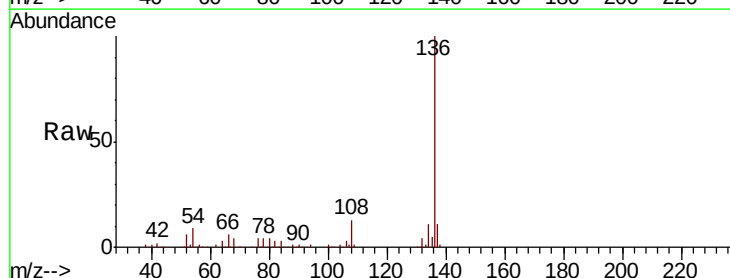
Ion Ratio Lower Upper

136 100

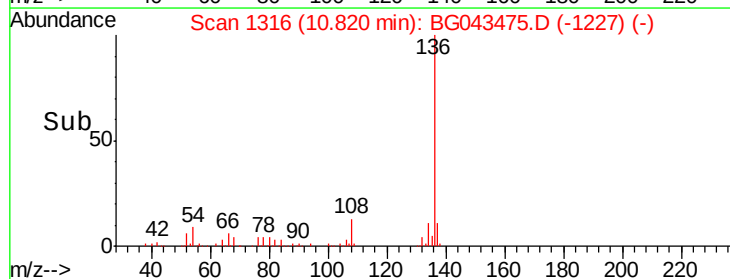
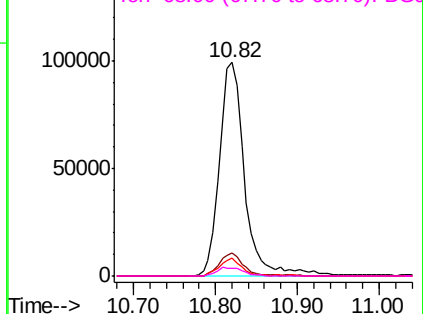
137 10.6 8.2 12.2

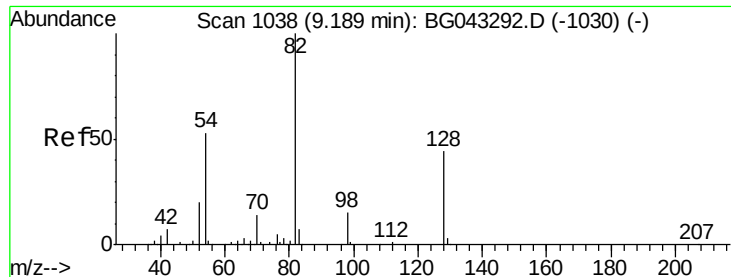
54 8.6 5.4 8.2#

68 3.9 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

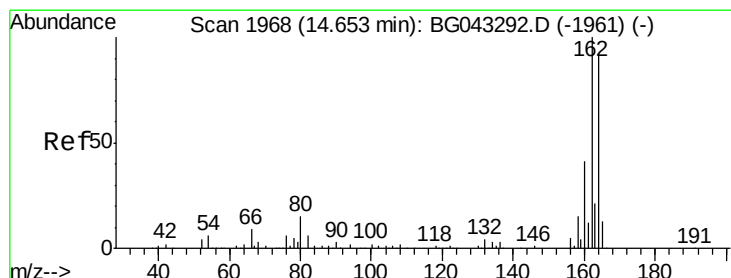
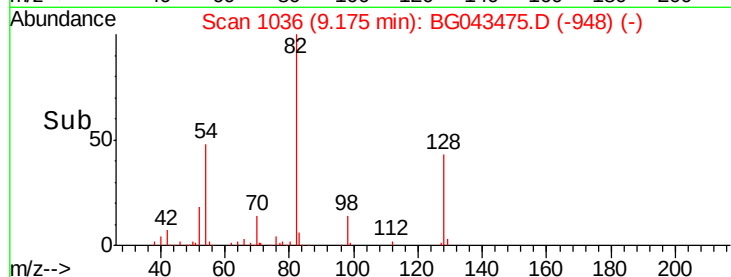
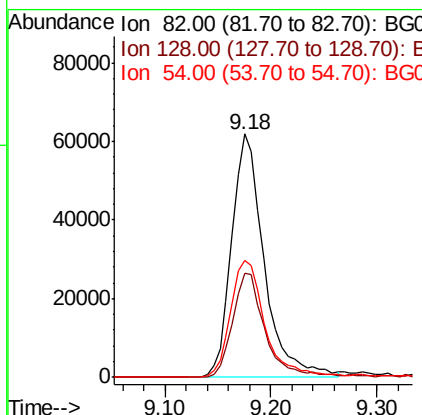
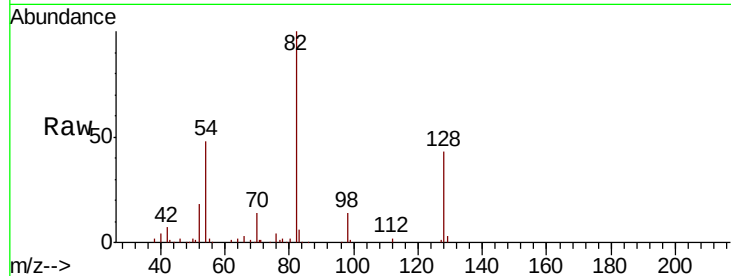




#23
 Nitrobenzene-d5
 Concen: 31.779 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG043475.D
 Acq: 1 Nov 2019 21:10

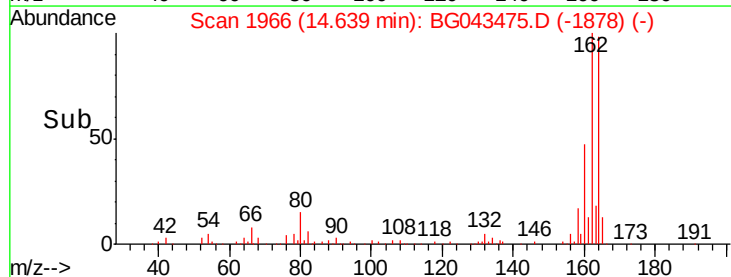
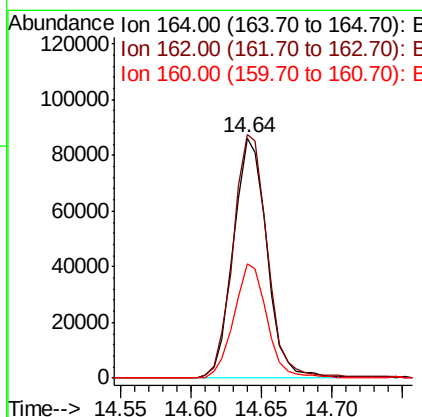
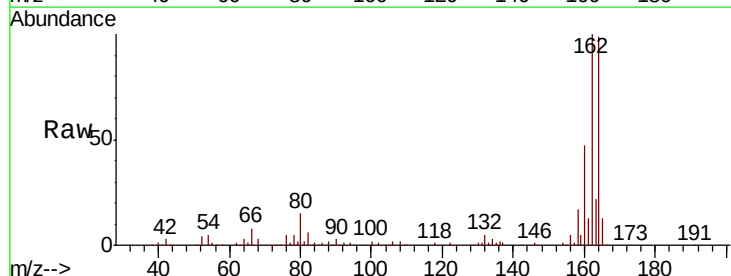
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-103019

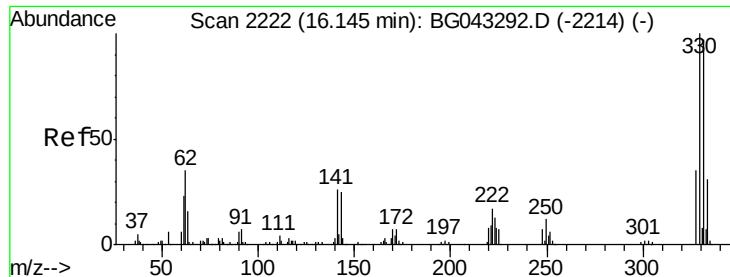
Tot Ion	82	Resp	131560
Ion Ratio	Lower	Upper	
82	100		
128	42.7	35.3	52.9
54	48.2	42.3	63.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG043475.D
 Acq: 1 Nov 2019 21:10

Tgt Ion	164	Resp	142921
Ion Ratio	Lower	Upper	
164	100		
162	101.4	87.0	130.4
160	47.5	35.5	53.3

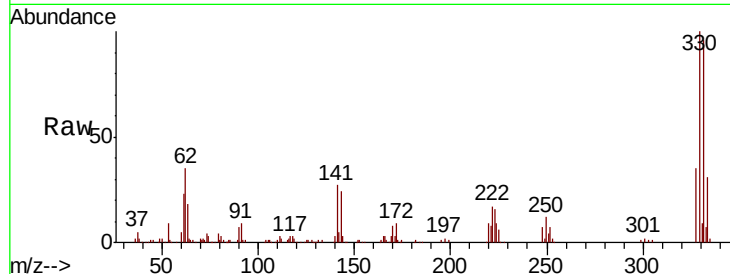




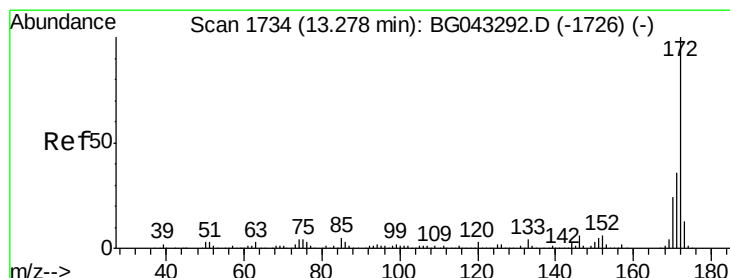
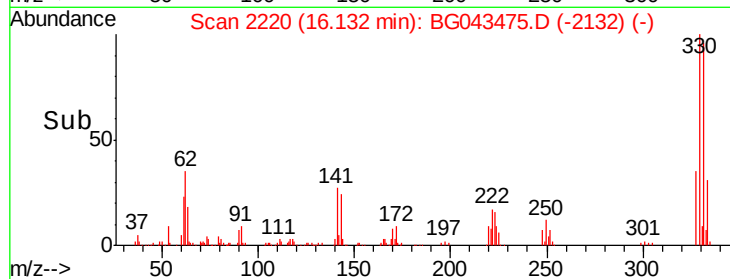
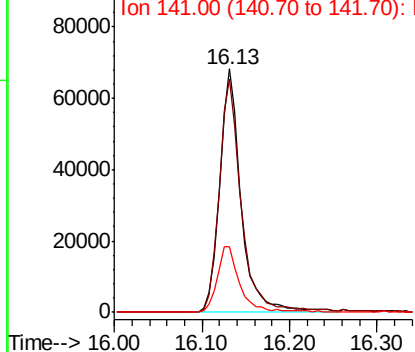
#42
 2,4,6-Tribromophenol
 Concen: 42.692 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043475.D
 Acq: 1 Nov 2019 21:10

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-103019

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.4	114.6
141	27.7	21.4	32.0

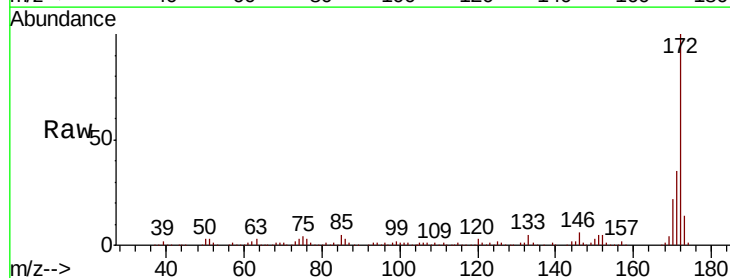


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

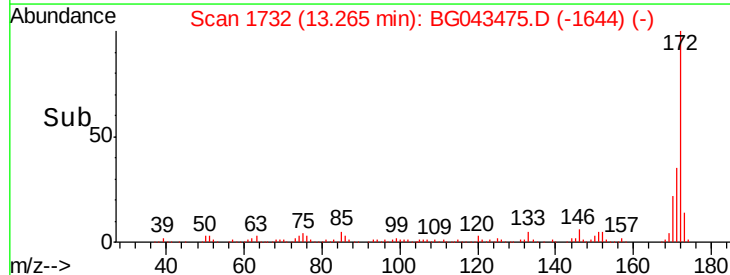
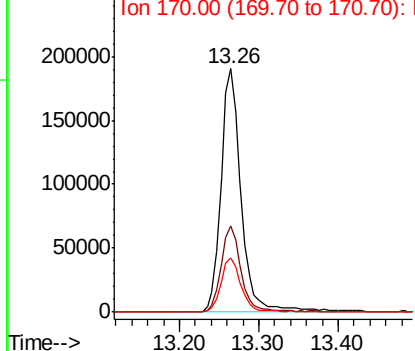


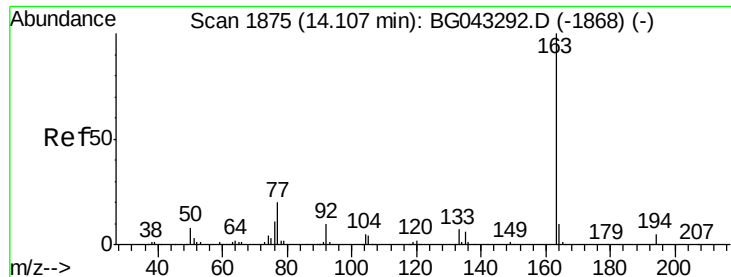
#45
 2-Fluorobiphenyl
 Concen: 32.223 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG043475.D
 Acq: 1 Nov 2019 21:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	22.1	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: 5.905 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG043475.D

Acq: 1 Nov 2019 21:10

Instrument :

BNA_G

ClientSampleId :

NB-08-103019

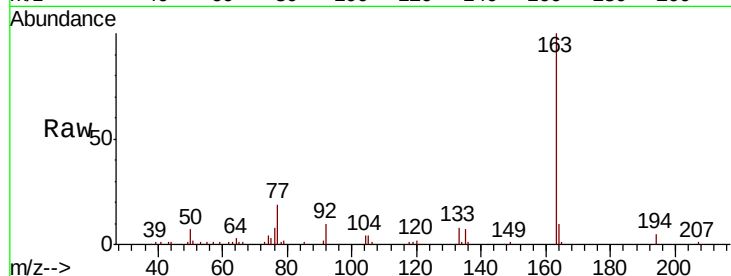
Tot Ion:163 Resp: 65371

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

164 10.1 8.1 12.1

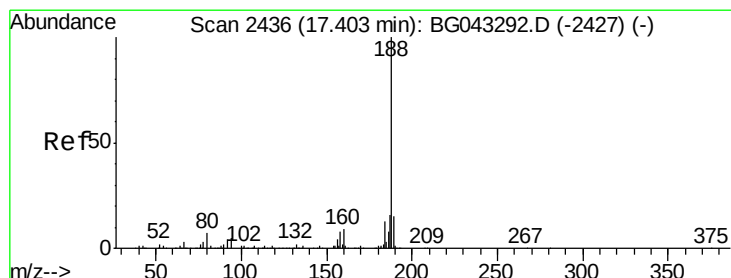
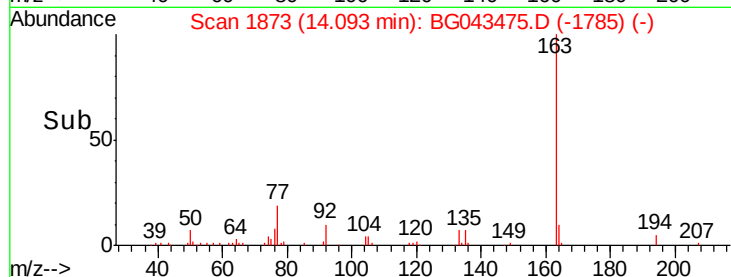
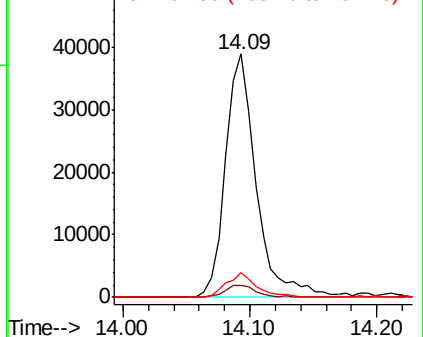


Abundance

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: 17.38 min Scan# 2433

Delta R.T. -0.02 min

Lab File: BG043475.D

Acq: 1 Nov 2019 21:10

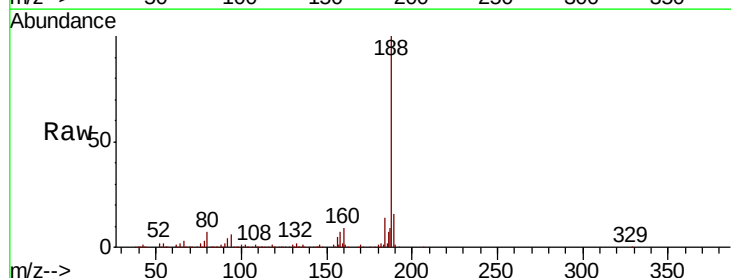
Tgt Ion:188 Resp: 317639

Ion Ratio Lower Upper

188 100

94 6.3 4.2 6.2#

80 6.7 5.2 7.8

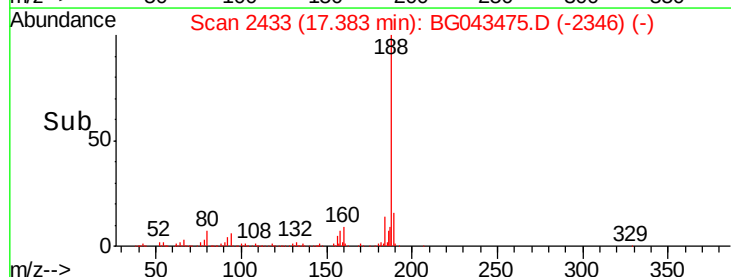
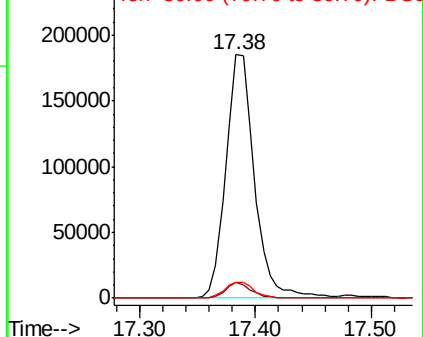


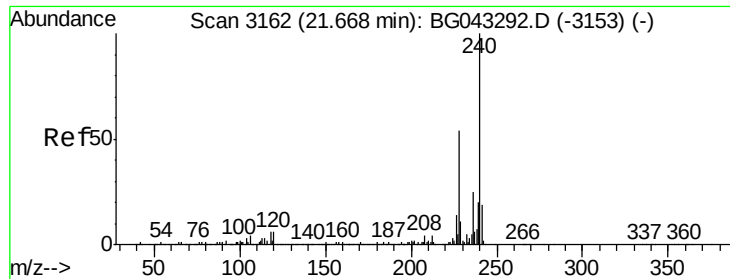
Abundance

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

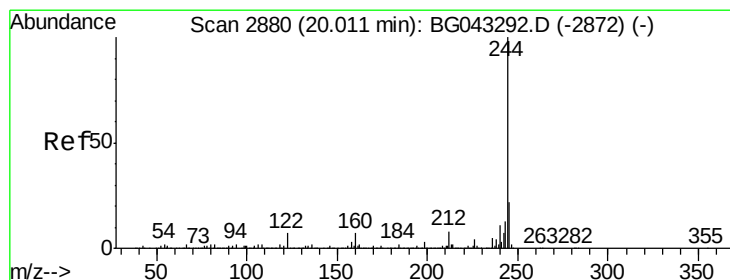
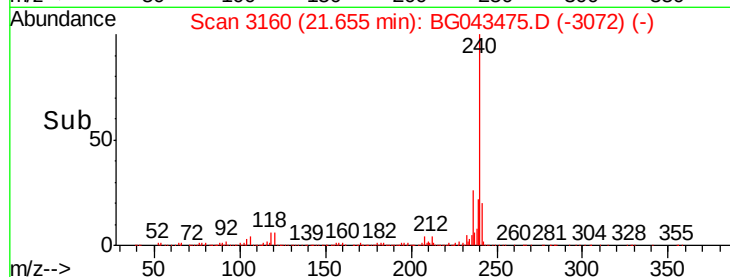
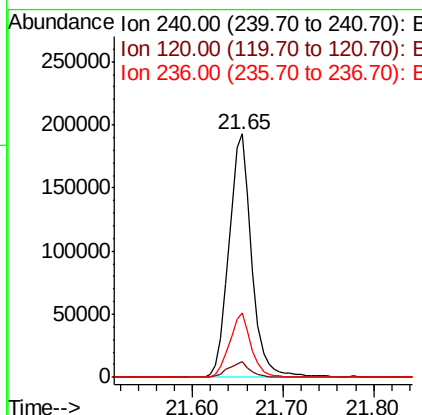
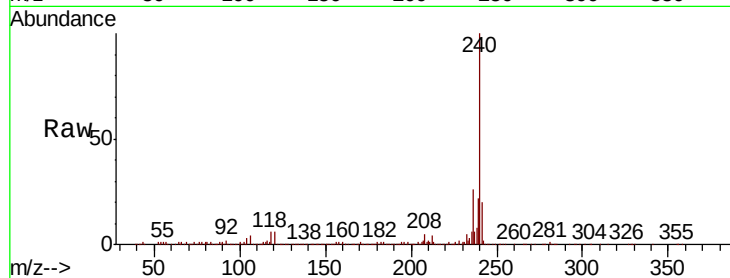




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043475.D
Acq: 1 Nov 2019 21:10

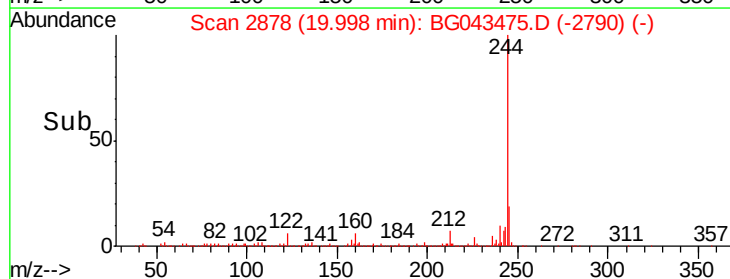
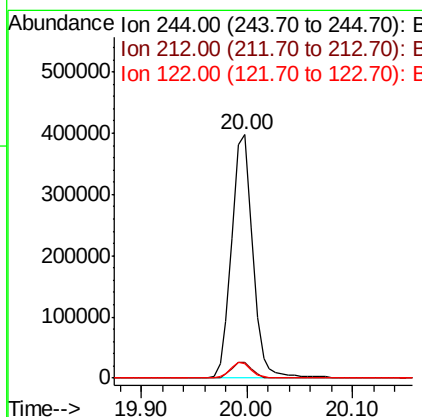
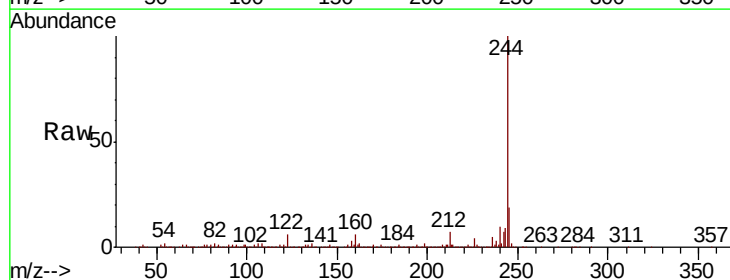
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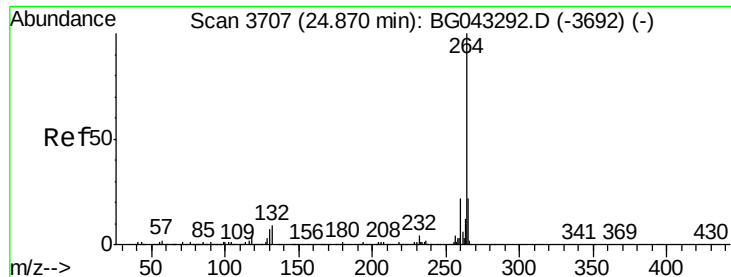
Tot Ion:240 Resp: 336495
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 26.2 20.2 30.4



#79
Terphenyl-d14
Concen: 30.625 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG043475.D
Acq: 1 Nov 2019 21:10

Tgt Ion:244 Resp: 549303
Ion Ratio Lower Upper
244 100
212 6.5 6.4 9.6
122 5.9 5.3 7.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3703
 Delta R.T. -0.03 min
 Lab File: BG043475.D
 Acq: 1 Nov 2019 21:10

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-103019

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	20.6	17.4	26.2

