

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043425.D
 Acq On : 31 Oct 2019 7:04
 Operator : JU
 Sample : K5587-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-12

Quant Time: Oct 31 08:39:43 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

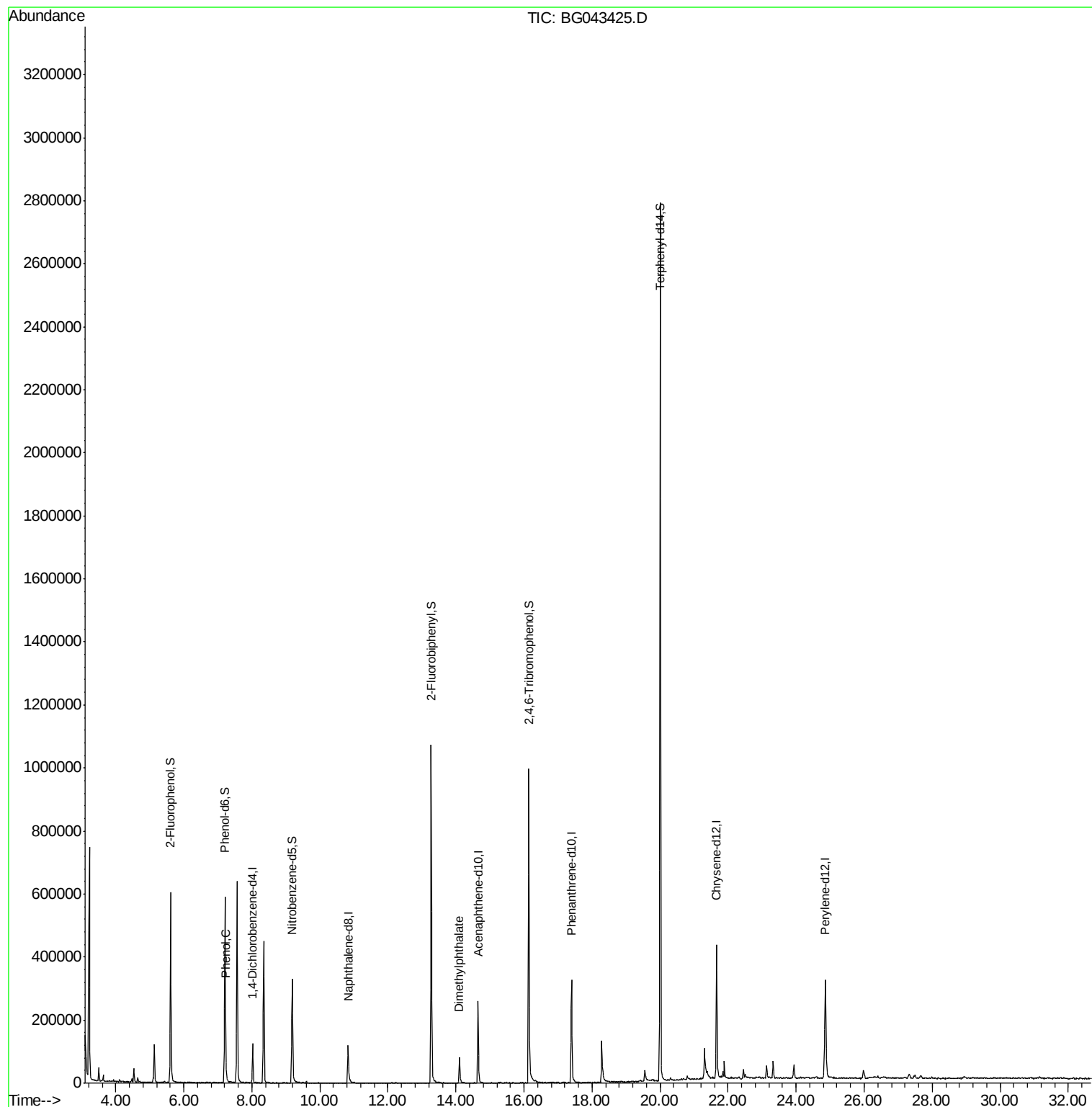
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37278	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	131176	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	102787	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	252604	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	301969	20.00	ng	-0.01
87) Perylene-d12	24.86	264	348934	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	276688	136.01	ng	0.00
7) Phenol-d6	7.21	99	379148	129.54	ng	0.00
23) Nitrobenzene-d5	9.18	82	233235	91.67	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	262107	134.00	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	633492	85.16	ng	0.00
79) Terphenyl-d14	20.01	244	1466188	91.09	ng	0.00
Target Compounds						
10) Phenol	7.23	94	8644	3.232	ng	Qvalue # 59
50) Dimethylphthalate	14.10	163	75276	9.455	ng	99

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

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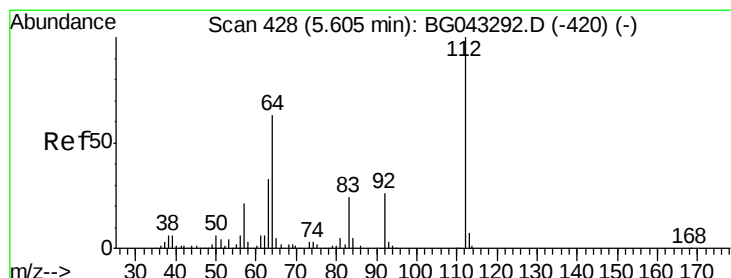
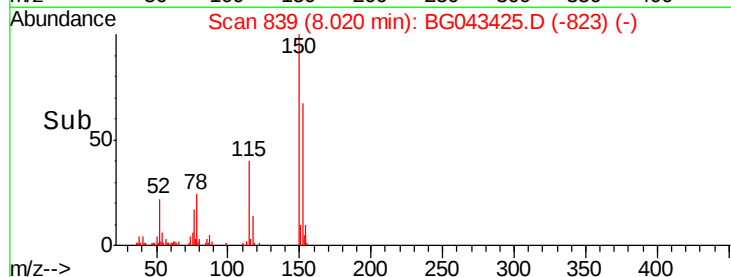
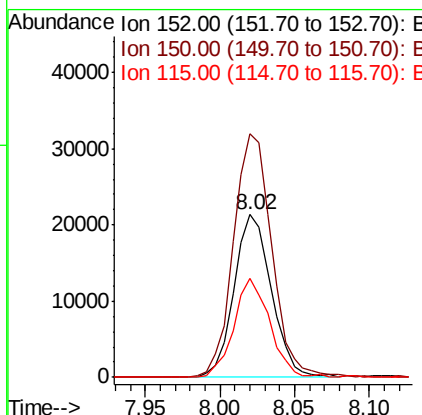
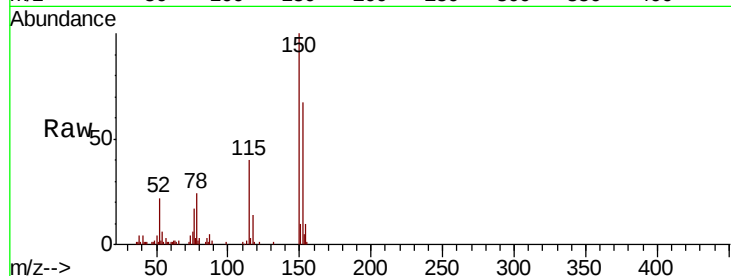


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-12

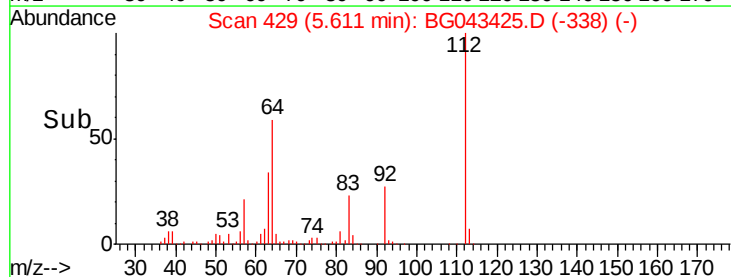
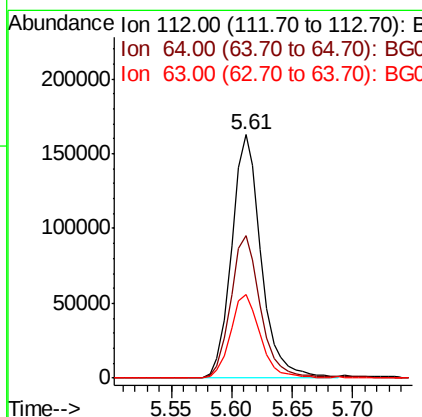
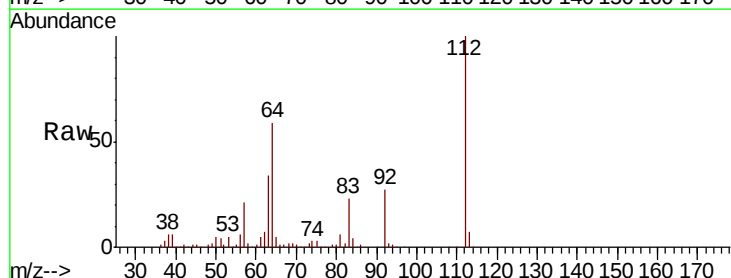
Tot Ion	152	Resp	37278
Ion Ratio	Lower	Upper	
152	100		
150	149.5	113.6	170.4
115	60.4	45.9	68.9



#5

2-Fluorophenol
Concen: 136.009 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion	112	Resp	276688
Ion Ratio	Lower	Upper	
112	100		
64	58.6	50.2	75.2
63	34.3	26.7	40.1





#7

Phenol-d6

Concen: 129.538 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043425.D

Acq: 31 Oct 2019 7:04

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-12

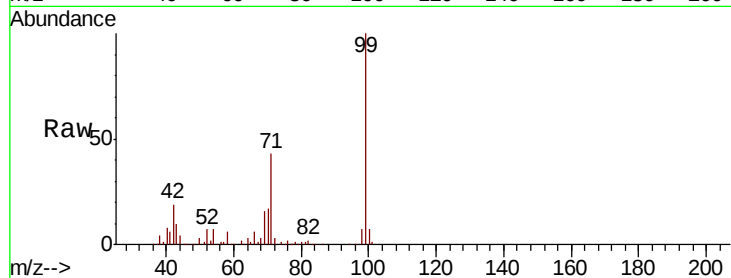
Tot Ion: 99 Resp: 379148

Ion Ratio Lower Upper

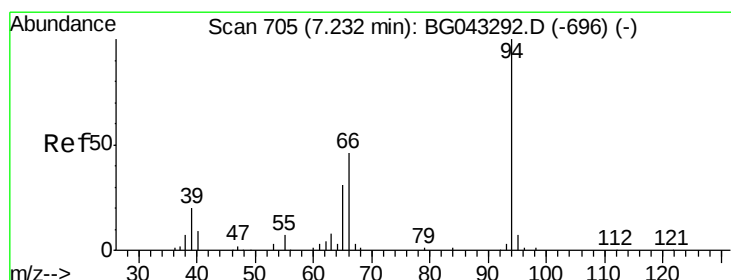
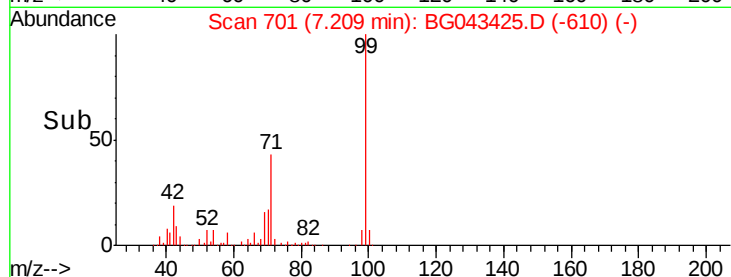
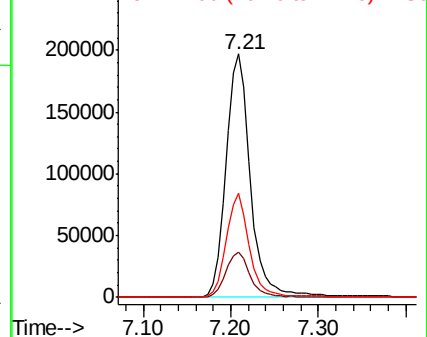
99 100

42 18.7 14.9 22.3

71 42.5 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



#10

Phenol

Concen: 3.232 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043425.D

Acq: 31 Oct 2019 7:04

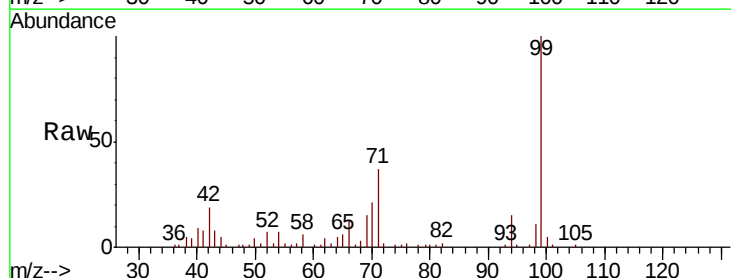
Tgt Ion: 94 Resp: 8644

Ion Ratio Lower Upper

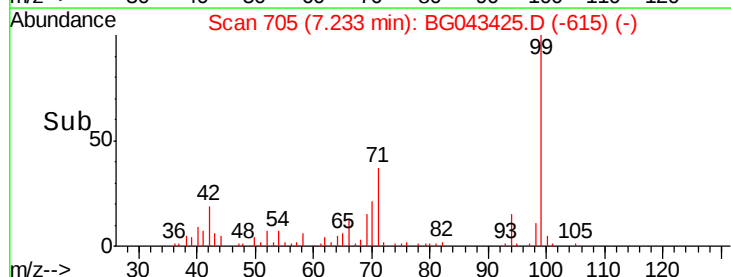
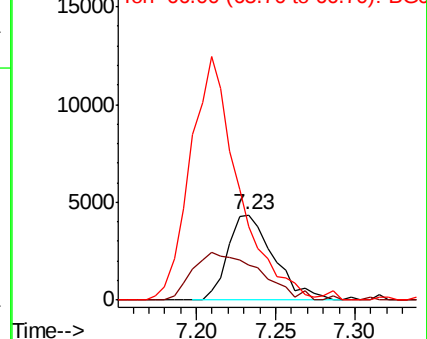
94 100

65 41.7 11.1 51.1

66 85.4 27.8 67.8#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

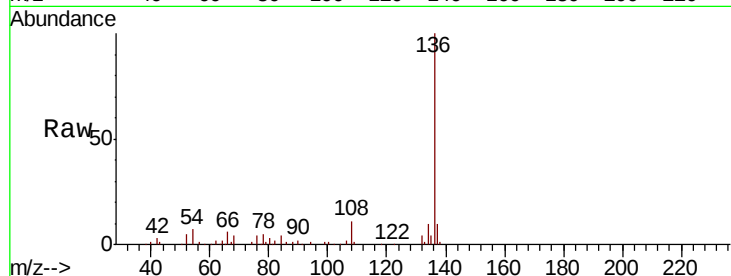




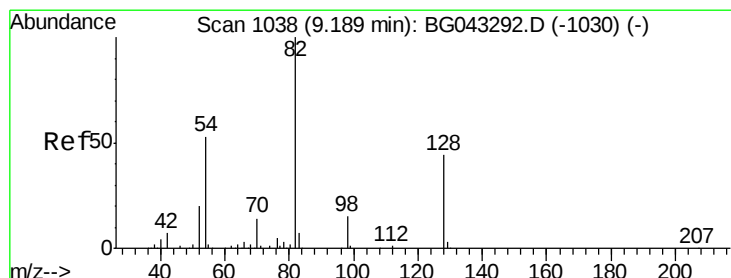
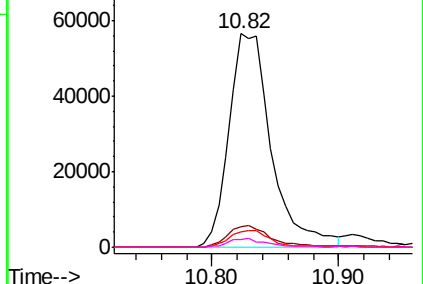
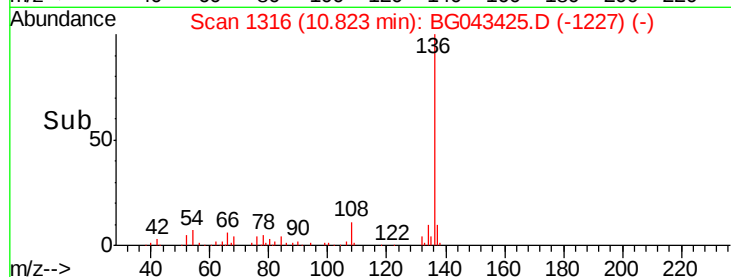
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-12

Tot Ion:136	Resp:	131176
Ion Ratio	Lower	Upper
136	100	
137	9.7	8.2 12.2
54	7.2	5.4 8.2
68	3.9	3.3 4.9

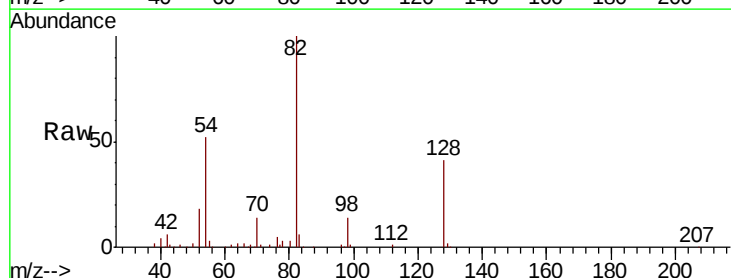


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

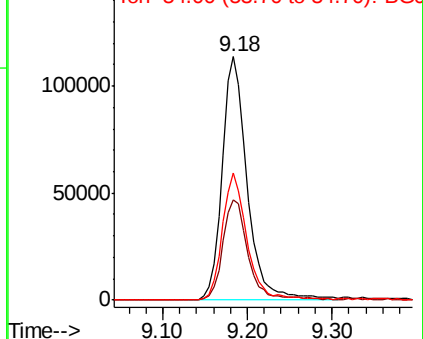
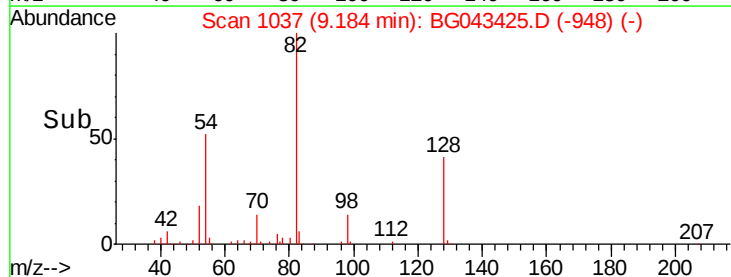


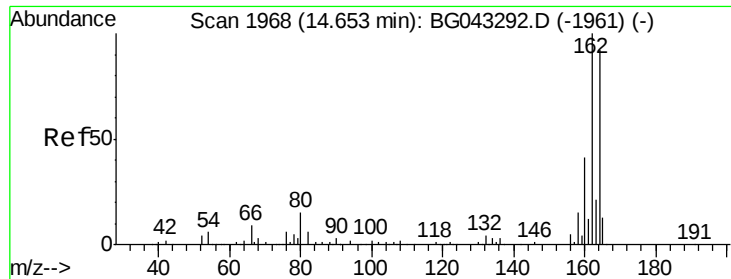
#23
Nitrobenzene-d5
Concen: 91.666 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion: 82	Resp:	233235
Ion Ratio	Lower	Upper
82	100	
128	41.1	35.3 52.9
54	52.4	42.3 63.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG043425.D

Acq: 31 Oct 2019 7:04

Instrument :

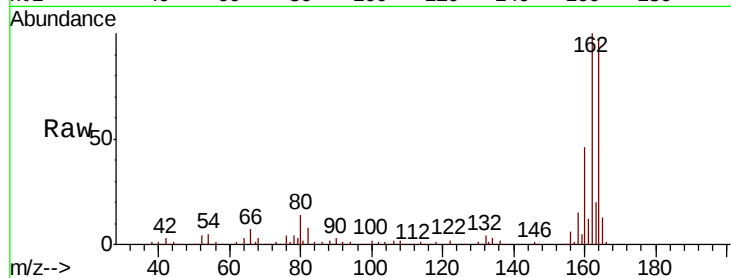
BNA_G

ClientSampleId :

CSA-2-1-12

Tot Ion:164 Resp: 102787

Ion	Ratio	Lower	Upper
164	100		
162	103.3	87.0	130.4
160	47.6	35.5	53.3

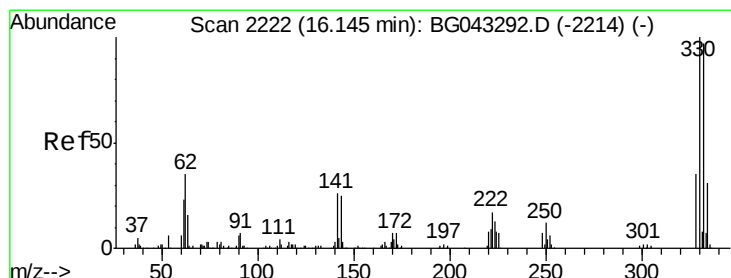
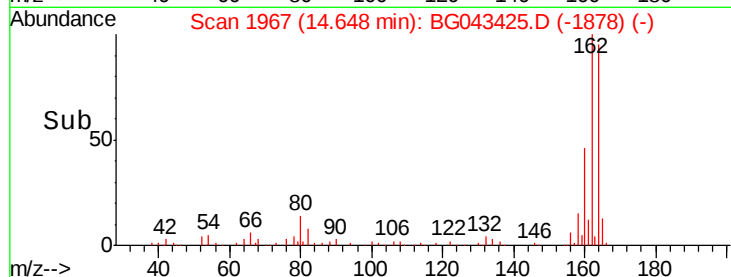
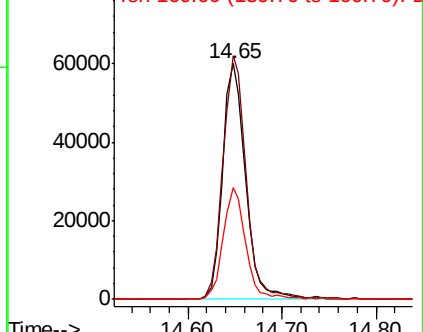


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 133.999 ng

RT: 16.14 min Scan# 2221

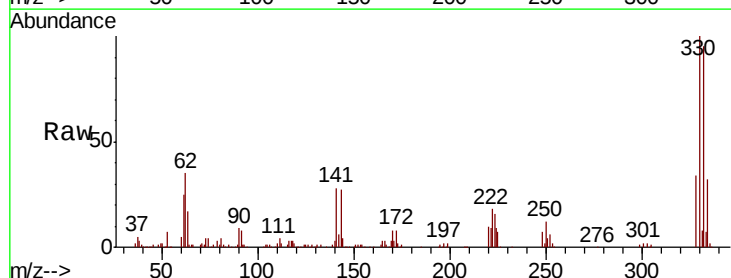
Delta R.T. -0.01 min

Lab File: BG043425.D

Acq: 31 Oct 2019 7:04

Tgt Ion:330 Resp: 262107

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.4	114.6
141	28.1	21.4	32.0

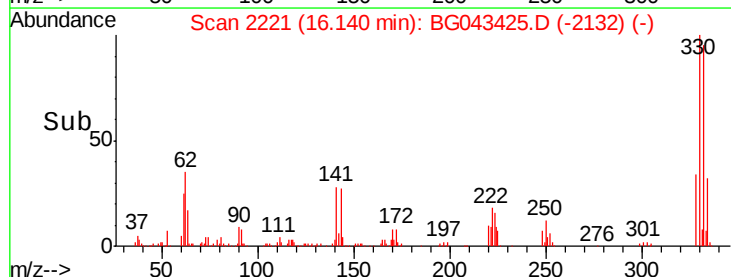
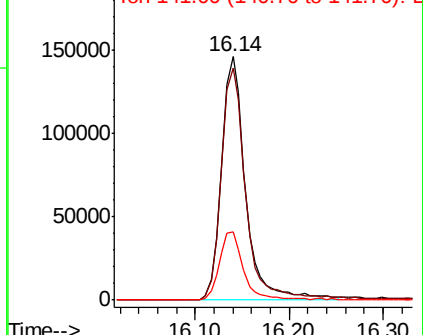


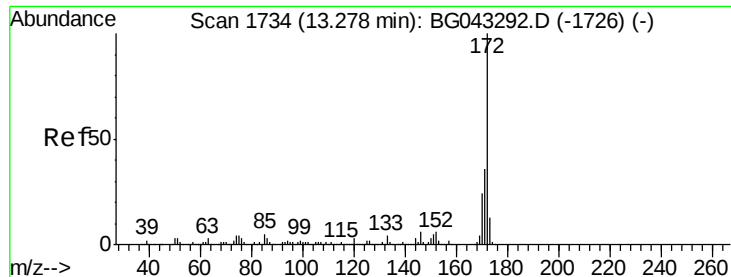
Abundance

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

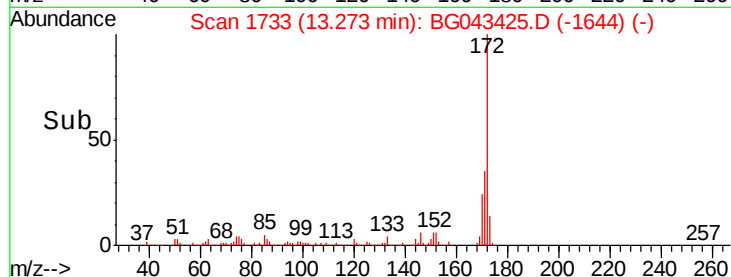
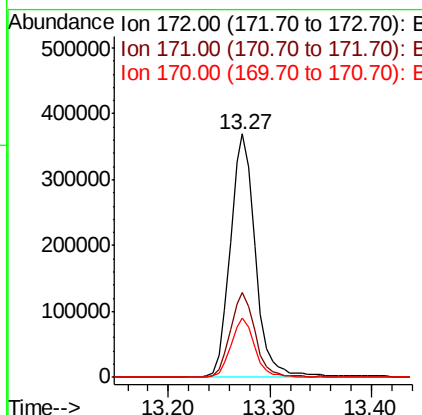
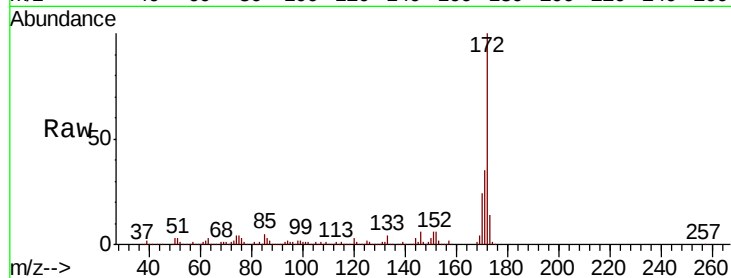




#45
2-Fluorobiphenyl
Concen: 85.163 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

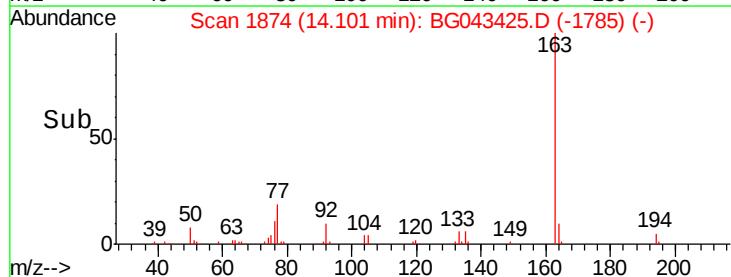
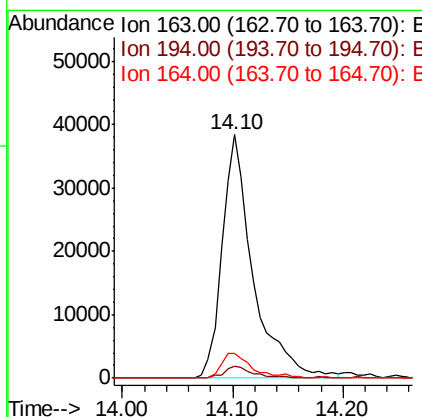
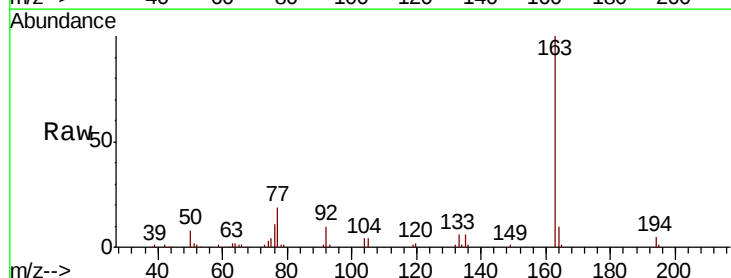
Instrument :
BNA_G
ClientSampled :
CSA-2-1-12

Tot Ion:172 Resp: 633492
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 24.2 18.8 28.2



#50
Dimethylphthalate
Concen: 9.455 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion:163 Resp: 75276
Ion Ratio Lower Upper
163 100
194 5.2 3.7 5.5
164 10.4 8.1 12.1

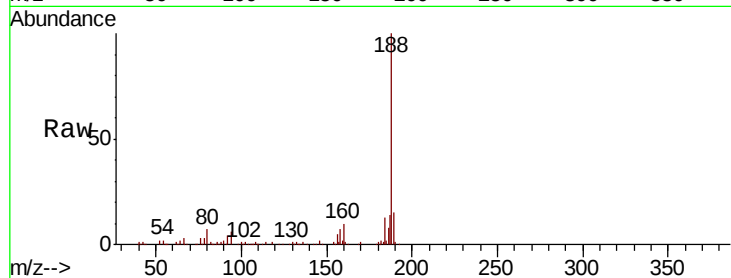




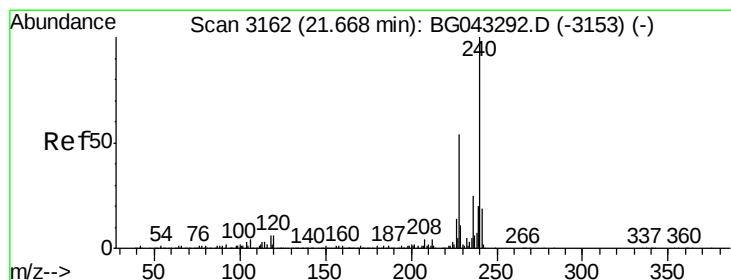
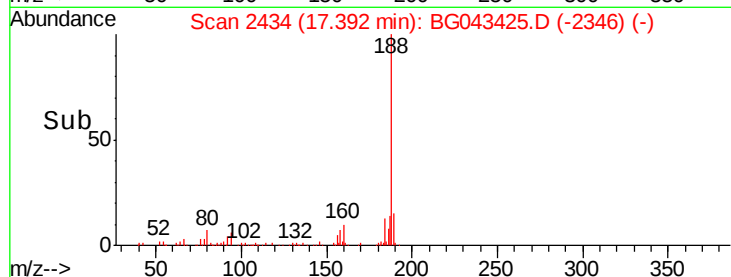
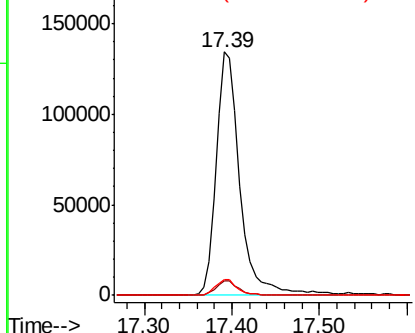
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-12

Tot Ion:188 Resp: 252604
Ion Ratio Lower Upper
188 100
94 5.8 4.2 6.2
80 6.6 5.2 7.8

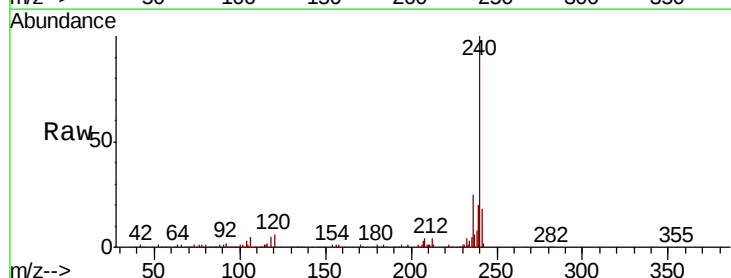


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

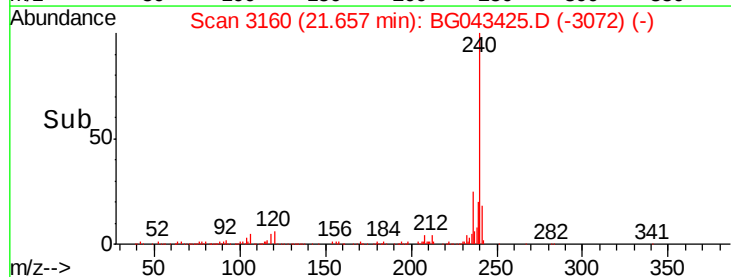
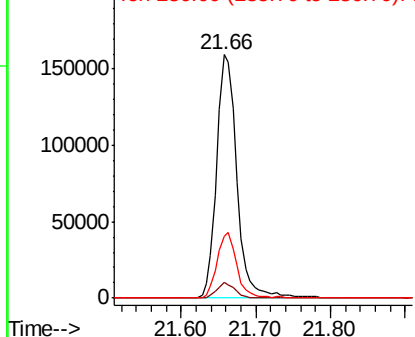


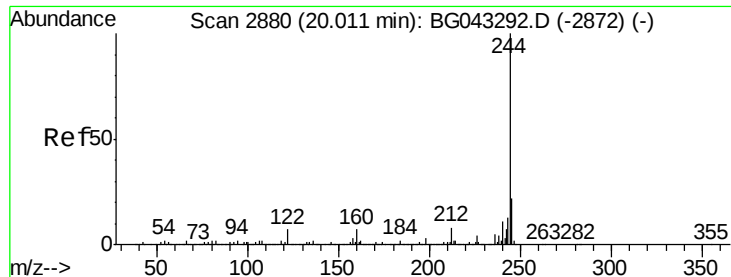
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion:240 Resp: 301969
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 25.4 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



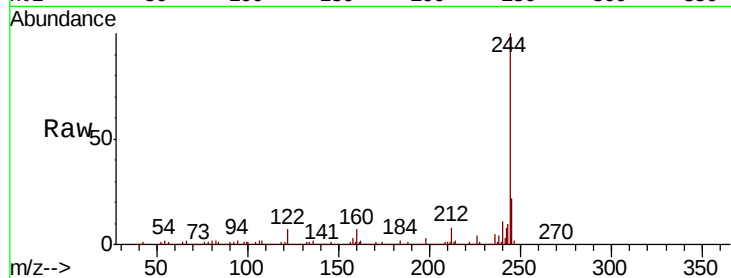


#79
 Terphenyl-d14
 Concen: 91.091 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043425.D
 Acq: 31 Oct 2019 7:04

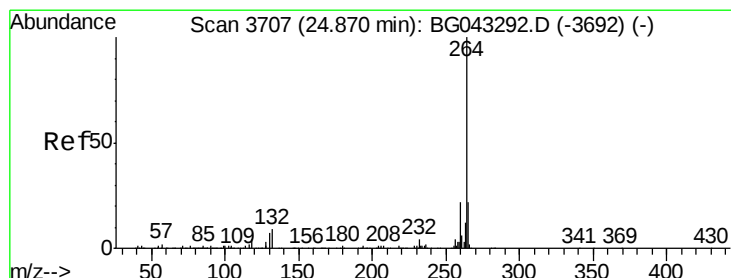
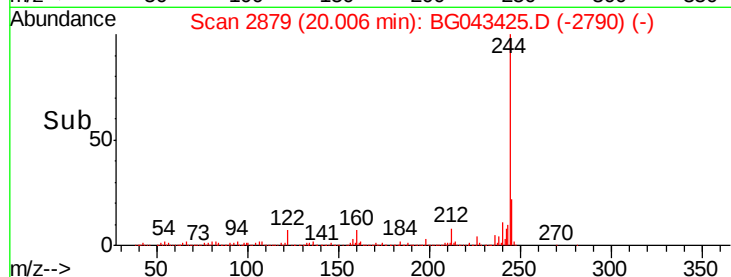
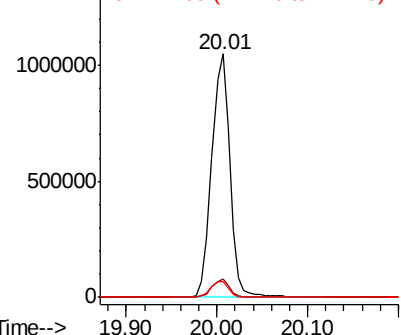
Instrument :
 BNA_G
 ClientSampled :
 CSA-2-1-12

Tot Ion:244 Resp: 1466188

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	6.7	5.3	7.9



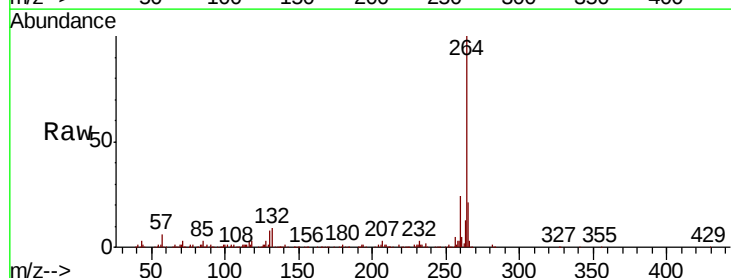
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043425.D
 Acq: 31 Oct 2019 7:04

Tgt Ion:264 Resp: 348934

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	20.9	17.4	26.2



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

