

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042514.D
 Acq On : 27 Aug 2019 21:26
 Operator : HP/JU
 Sample : K4551-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S401-K1-1.0-1.5-082619-FD

Quant Time: Aug 28 03:18:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

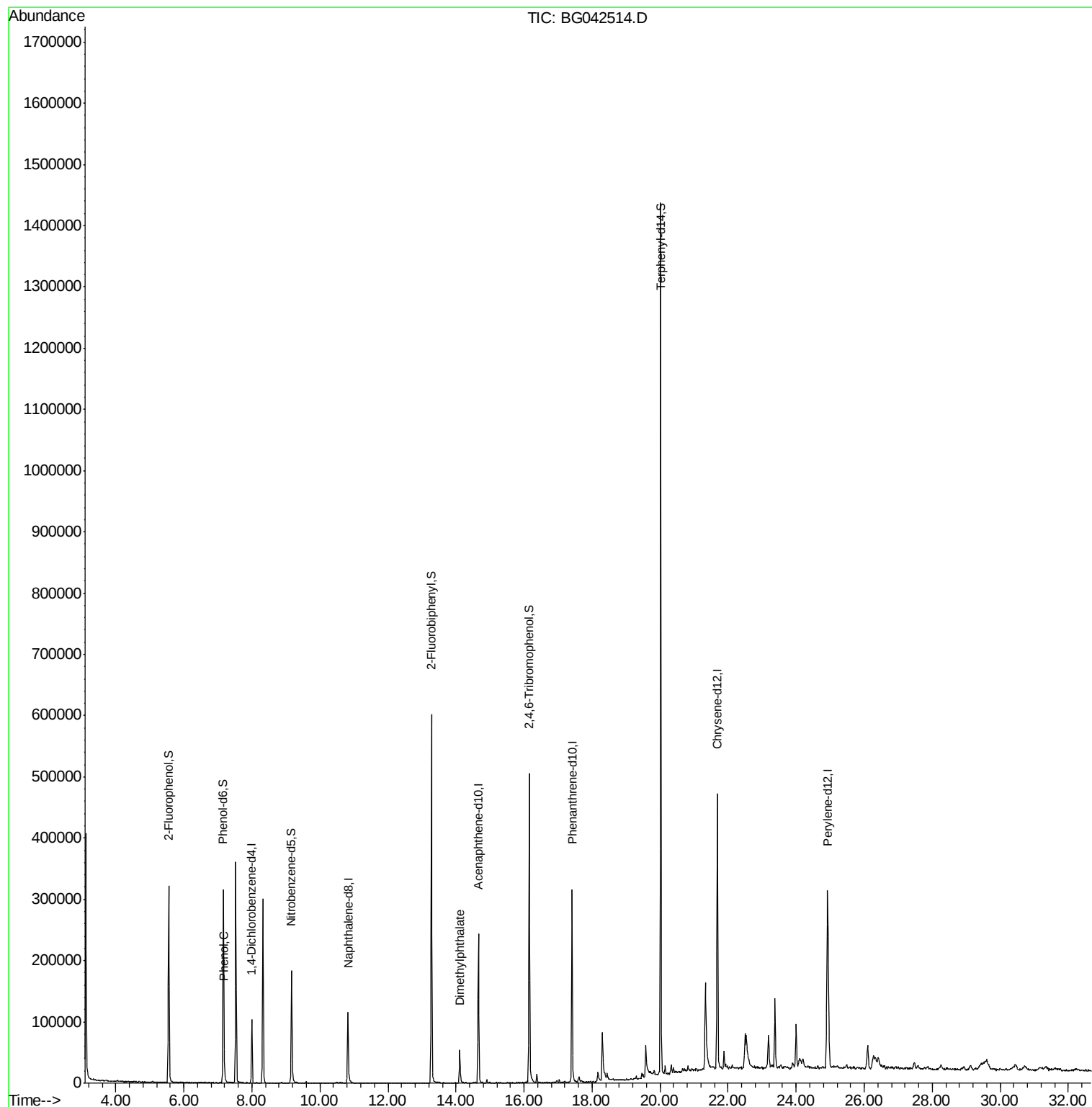
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	35025	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	133012	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97386	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	227523	20.00	ng	0.00
76) Chrysene-d12	21.69	240	292027	20.00	ng	0.00
87) Perylene-d12	24.92	264	345452	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	170905	98.82	ng	0.00
7) Phenol-d6	7.16	99	227788	97.51	ng	0.00
23) Nitrobenzene-d5	9.17	82	128566	66.79	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	139197	100.56	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	389311	67.61	ng	0.00
79) Terphenyl-d14	20.02	244	750344	55.55	ng	0.00
Target Compounds						
10) Phenol	7.19	94	7034	2.962	ng	Qvalue # 68
50) Dimethylphthalate	14.11	163	58568	8.335	ng	95

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

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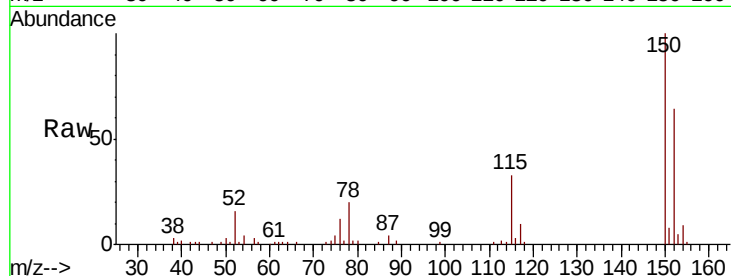


#1

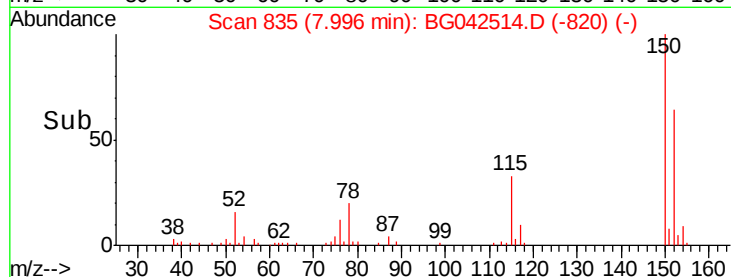
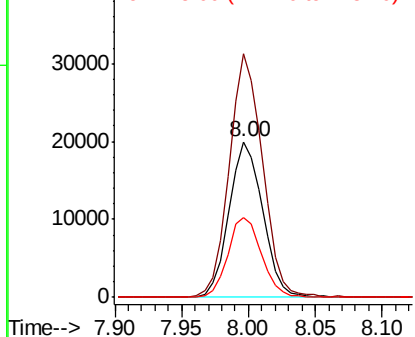
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042514.D
Acq: 27 Aug 2019 21:26

Instrument :
BNA_G
ClientSampleId :
S401-K1-1.0-1.5-082619-FD

Tot Ion:152 Resp: 35025
Ion Ratio Lower Upper
152 100
150 156.1 125.4 188.0
115 51.1 38.5 57.7



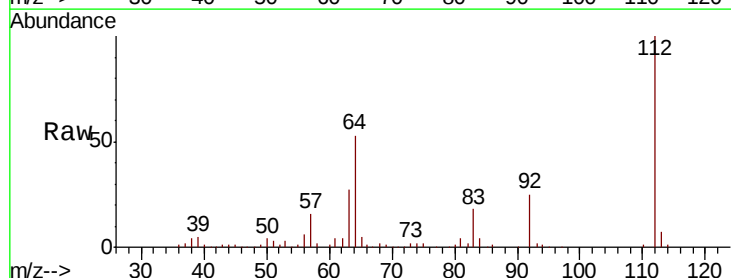
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



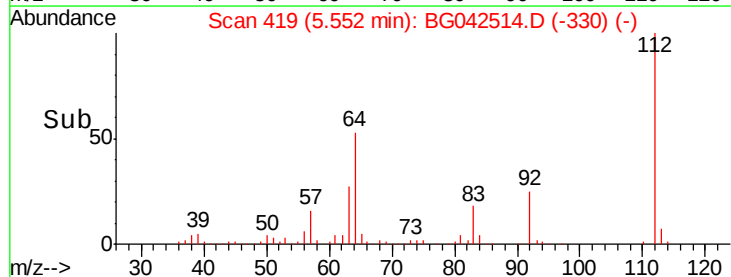
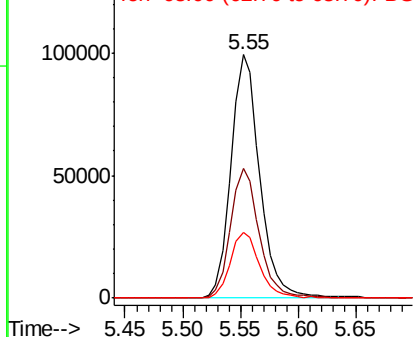
#5

2-Fluorophenol
Concen: 98.824 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042514.D
Acq: 27 Aug 2019 21:26

Tgt Ion:112 Resp: 170905
Ion Ratio Lower Upper
112 100
64 53.3 42.8 64.2
63 27.2 22.7 34.1



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: 97.512 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042514.D

Acq: 27 Aug 2019 21:26

Instrument :

BNA_G

ClientSampleId :

S401-K1-1.0-1.5-082619-FD

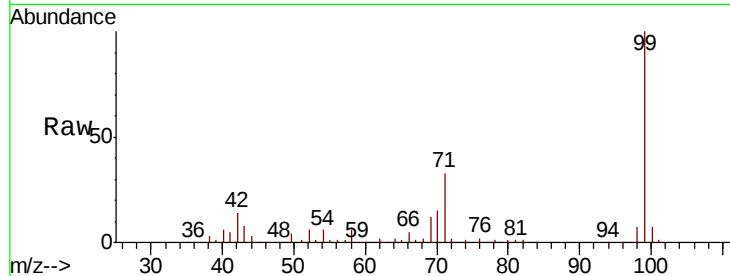
Tot Ion: 99 Resp: 227788

Ion Ratio Lower Upper

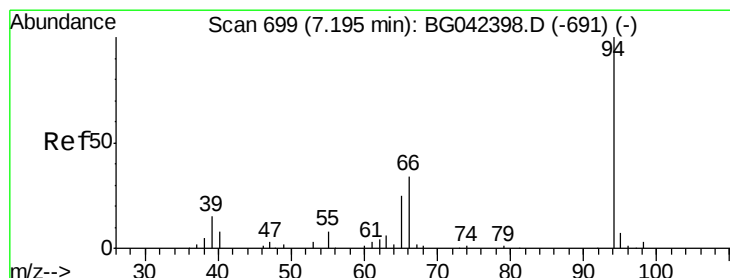
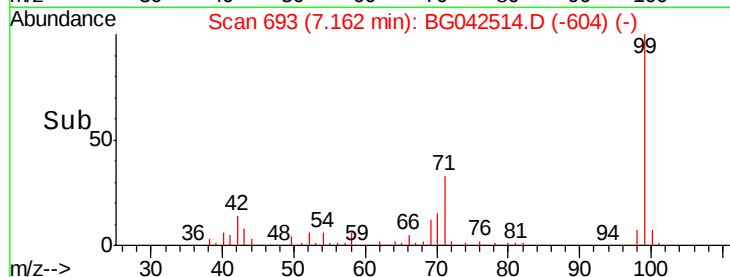
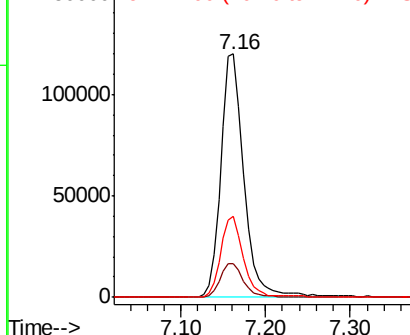
99 100

42 13.8 12.0 18.0

71 33.3 26.3 39.5



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: 2.962 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042514.D

Acq: 27 Aug 2019 21:26

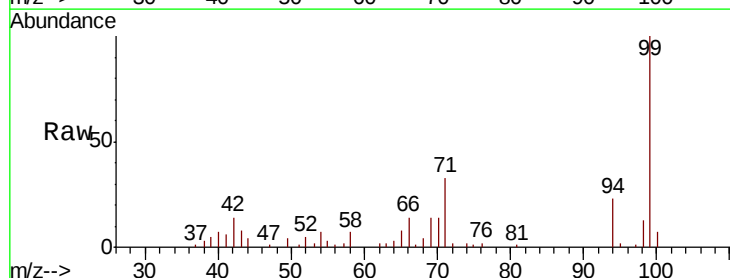
Tgt Ion: 94 Resp: 7034

Ion Ratio Lower Upper

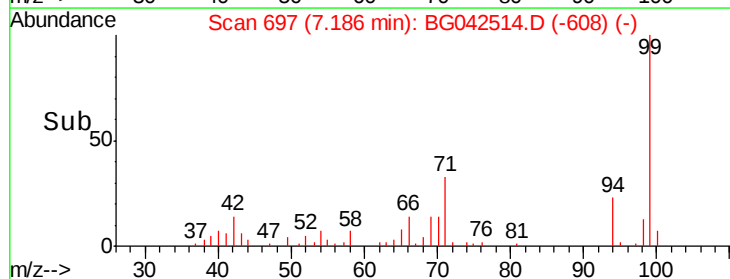
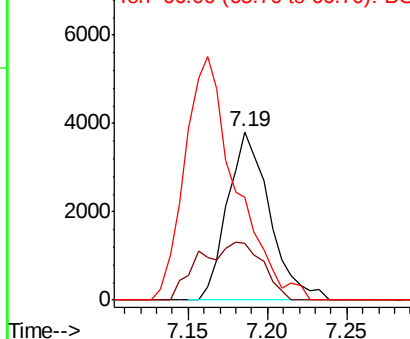
94 100

65 33.4 5.6 45.6

66 61.3 16.0 56.0#



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

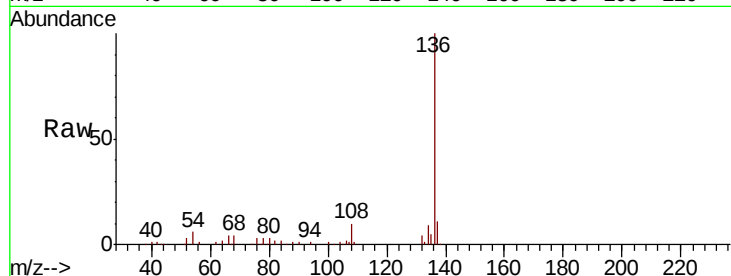




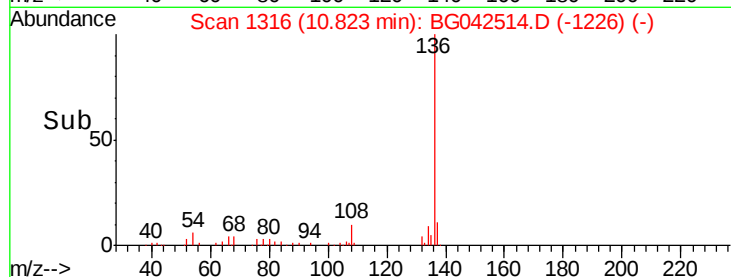
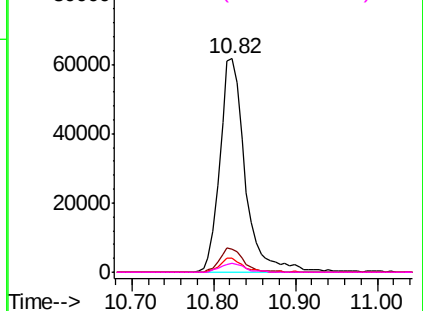
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042514.D
Acq: 27 Aug 2019 21:26

Instrument :
BNA_G
ClientSampleId :
S401-K1-1.0-1.5-082619-FD

Tot Ion:136	Resp: 133012
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 6.5	4.9 7.3
68 4.4	3.6 5.4

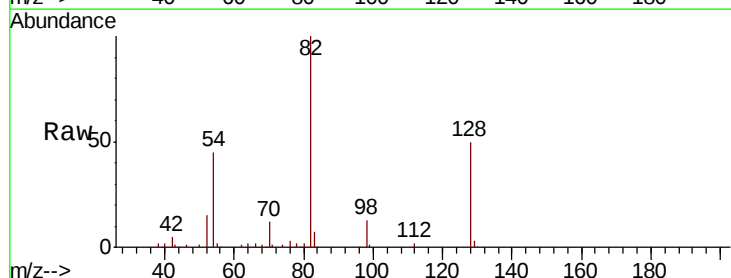


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

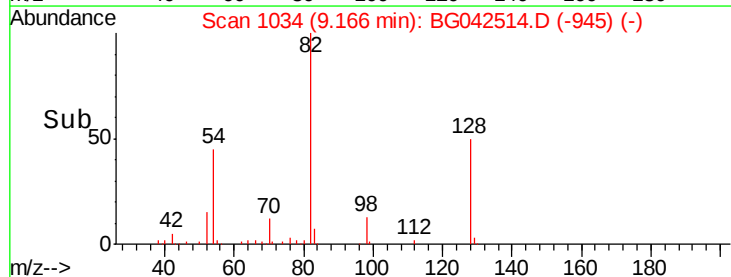
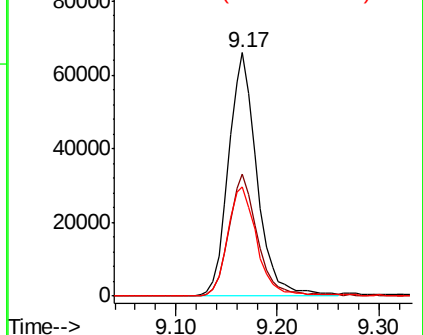


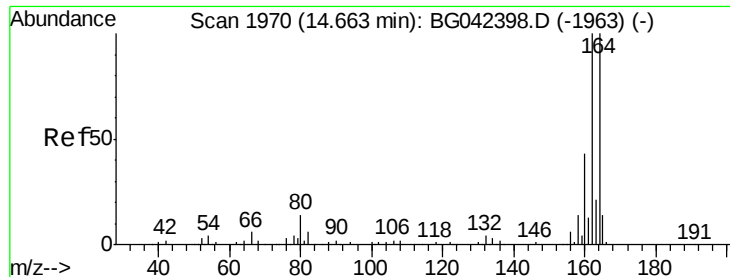
#23
Nitrobenzene-d5
Concen: 66.794 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042514.D
Acq: 27 Aug 2019 21:26

Tgt Ion: 82	Resp: 128566
Ion Ratio	Lower Upper
82 100	
128 49.9	40.7 61.1
54 45.0	36.3 54.5



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: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042514.D

Acq: 27 Aug 2019 21:26

Instrument :

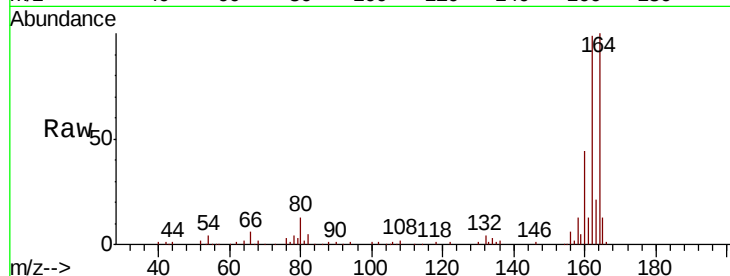
BNA_G

ClientSampleId :

S401-K1-1.0-1.5-082619-FD

Tot Ion:164 Resp: 97386

Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.9	119.9
160	43.9	34.3	51.5

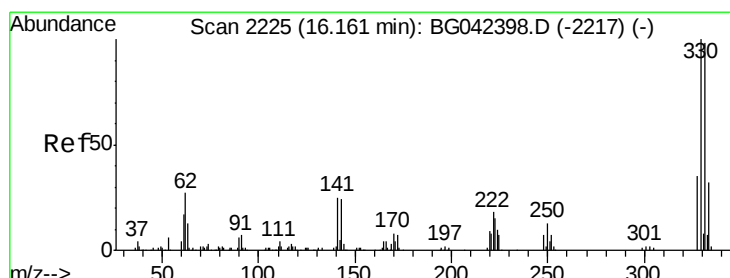
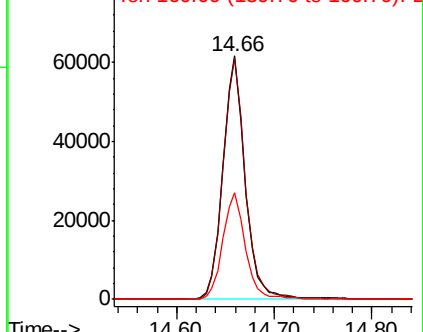
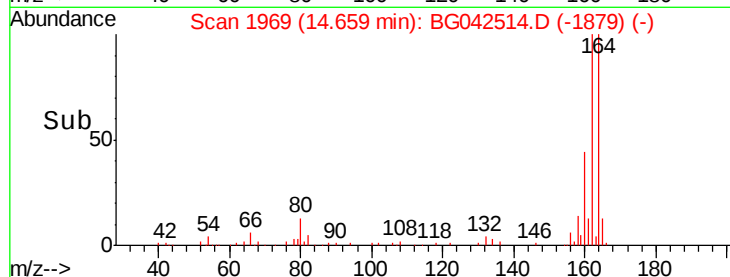


Abundance

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: 100.563 ng

RT: 16.15 min Scan# 2223

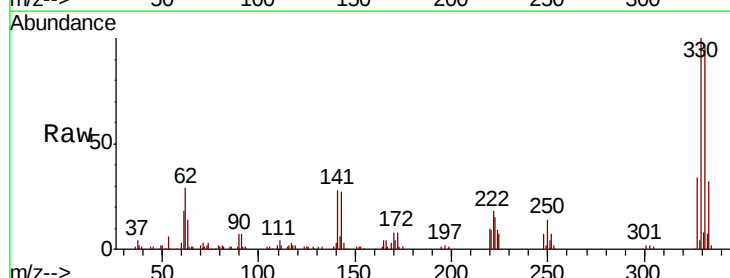
Delta R.T. -0.01 min

Lab File: BG042514.D

Acq: 27 Aug 2019 21:26

Tgt Ion:330 Resp: 139197

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.0
141	28.5	21.4	32.0

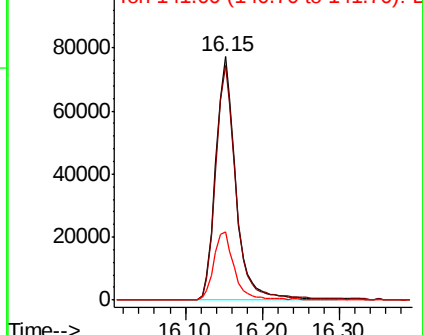
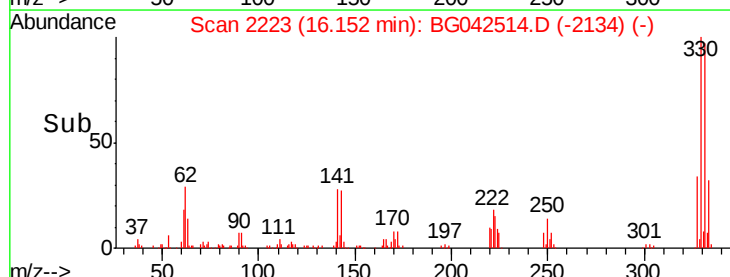


Abundance

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

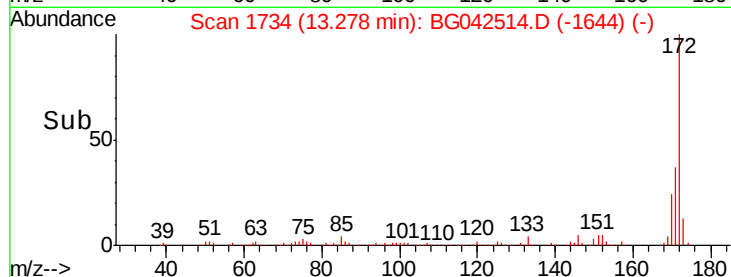
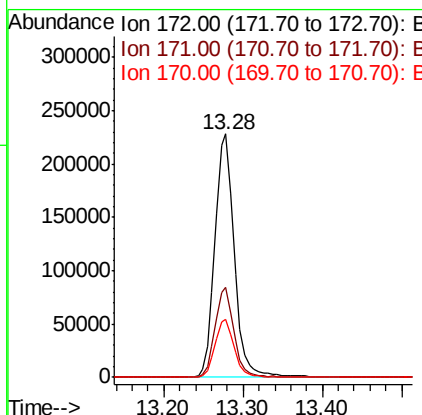
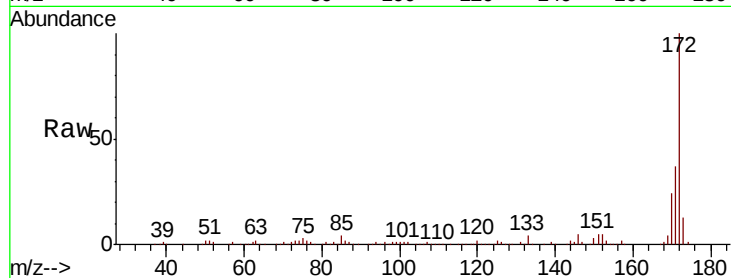




#45
 2-Fluorobiphenyl
 Concen: 67.611 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042514.D
 Acq: 27 Aug 2019 21:26

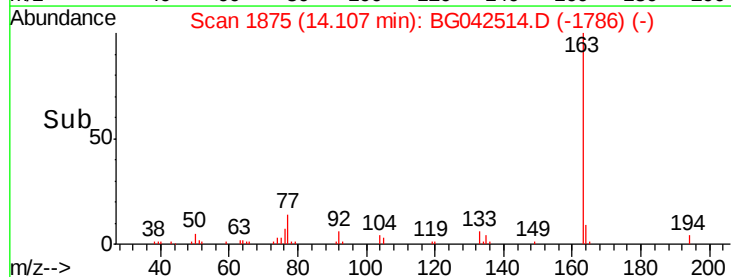
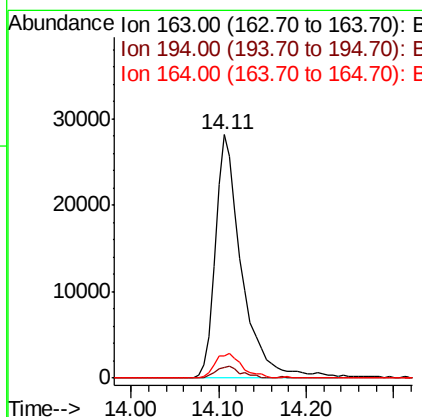
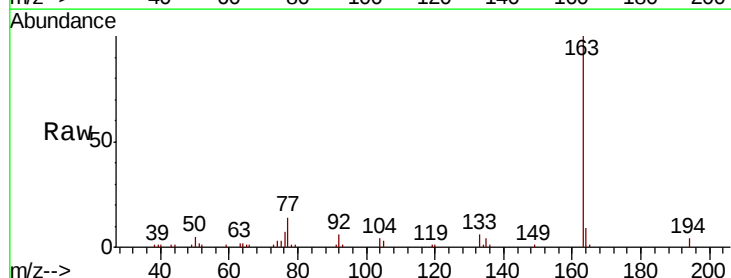
Instrument :
 BNA_G
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 S401-K1-1.0-1.5-082619-FD

Tot Ion:172 Resp: 389311
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.5 45.7
 170 23.7 20.2 30.2



#50
 Dimethylphthalate
 Concen: 8.335 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042514.D
 Acq: 27 Aug 2019 21:26

Tgt Ion:163 Resp: 58568
 Ion Ratio Lower Upper
 163 100
 194 4.2 4.2 6.2
 164 9.0 8.8 13.2

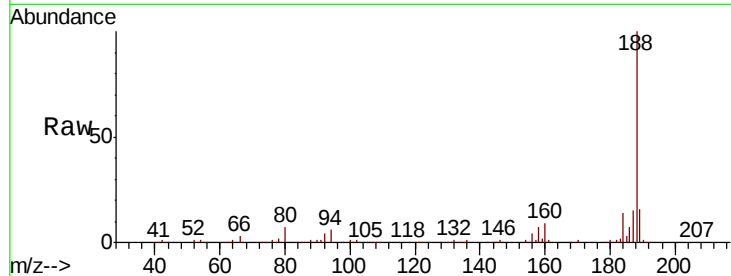




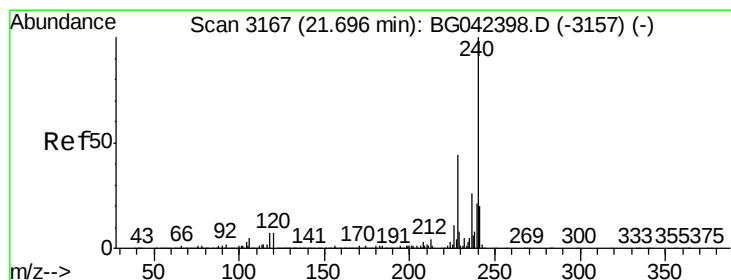
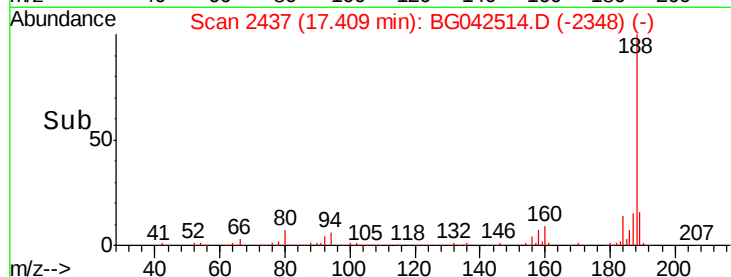
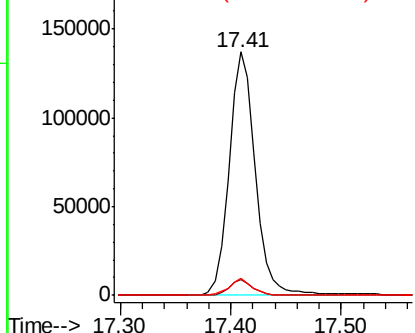
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042514.D
Acq: 27 Aug 2019 21:26

Instrument :
BNA_G
ClientSampleId :
S401-K1-1.0-1.5-082619-FD

Tot Ion:188 Resp: 227523
Ion Ratio Lower Upper
188 100
94 6.3 4.5 6.7
80 6.8 4.9 7.3

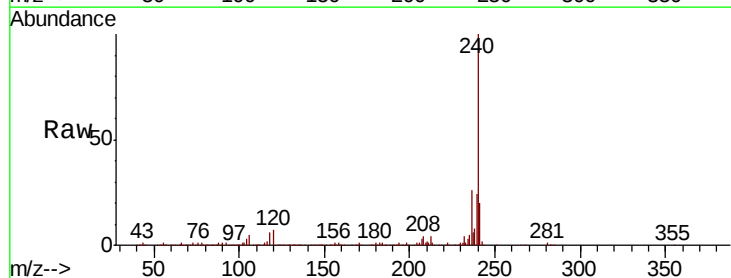


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

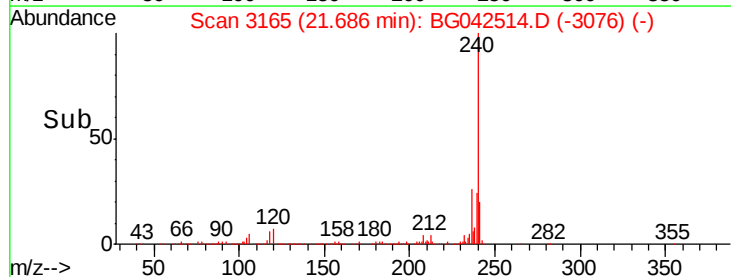
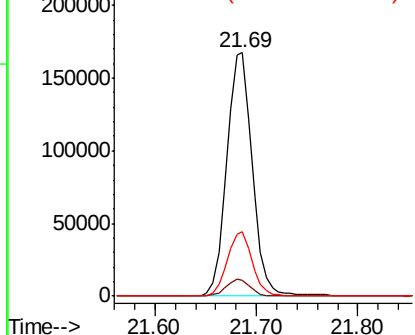


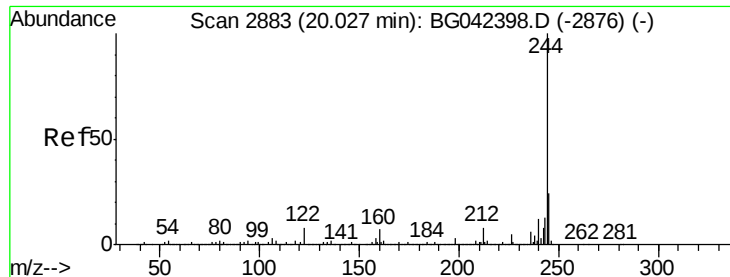
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042514.D
Acq: 27 Aug 2019 21:26

Tgt Ion:240 Resp: 292027
Ion Ratio Lower Upper
240 100
120 6.6 5.7 8.5
236 26.2 21.0 31.4



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: 55.549 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042514.D

Acq: 27 Aug 2019 21:26

Instrument :

BNA_G

ClientSampleId :

S401-K1-1.0-1.5-082619-FD

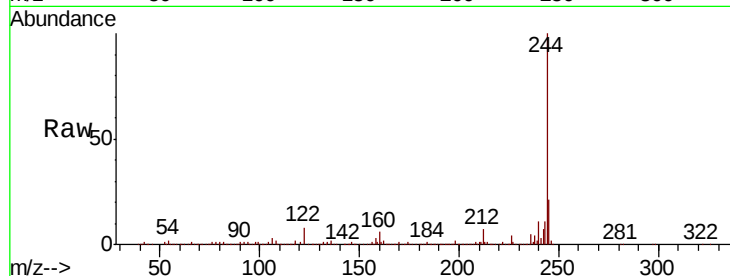
Tot Ion:244 Resp: 750344

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

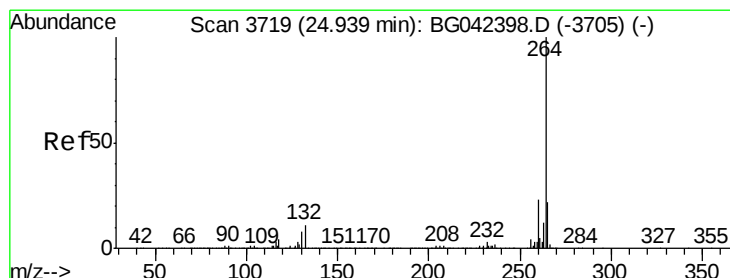
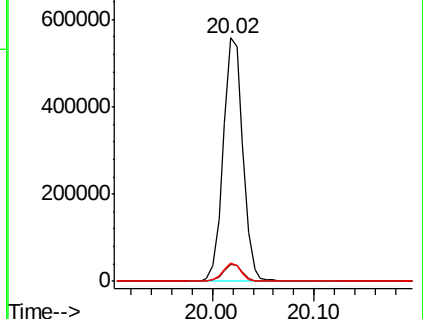
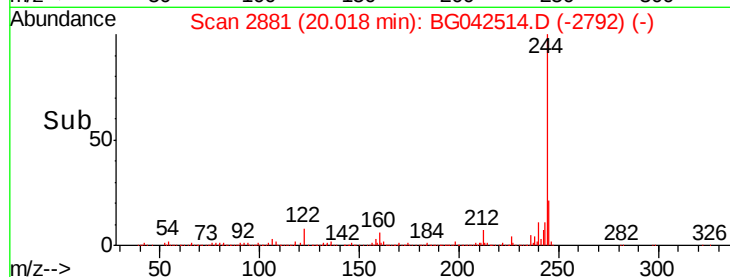
122 7.5 6.7 10.1



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042514.D

Acq: 27 Aug 2019 21:26

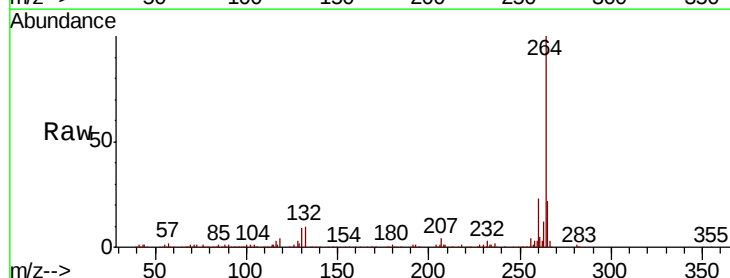
Tgt Ion:264 Resp: 345452

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.9 17.6 26.4



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

