

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042534.D
 Acq On : 28 Aug 2019 16:00
 Operator : HP/JU
 Sample : K4560-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 28 16:38:47 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

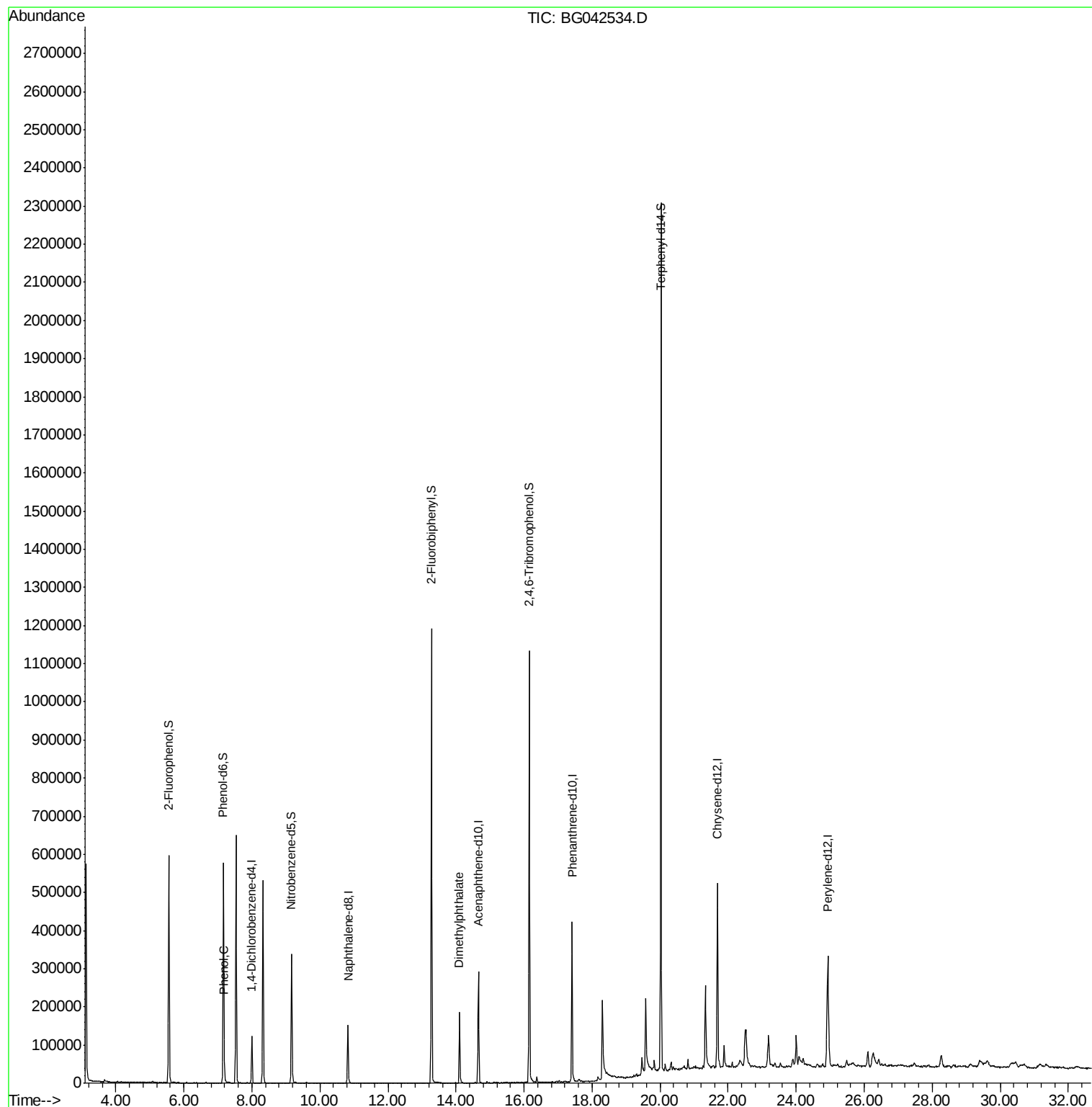
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	39890	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	153249	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	117503	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	281594	20.00	ng	0.00
76) Chrysene-d12	21.69	240	297368	20.00	ng	0.00
87) Perylene-d12	24.92	264	346700	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	296123	150.35	ng	0.00
7) Phenol-d6	7.16	99	395804	148.77	ng	0.00
23) Nitrobenzene-d5	9.17	82	222393	100.28	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	275024	164.67	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	709238	102.08	ng	0.00
79) Terphenyl-d14	20.02	244	1180391	85.82	ng	0.00
Target Compounds						
10) Phenol	7.19	94	10328	3.818	ng	83
50) Dimethylphthalate	14.10	163	160418	18.921	ng	100

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

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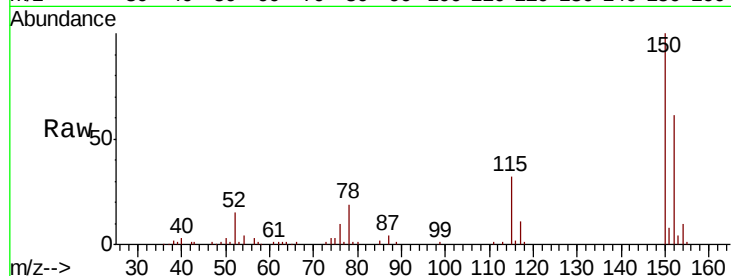


#1

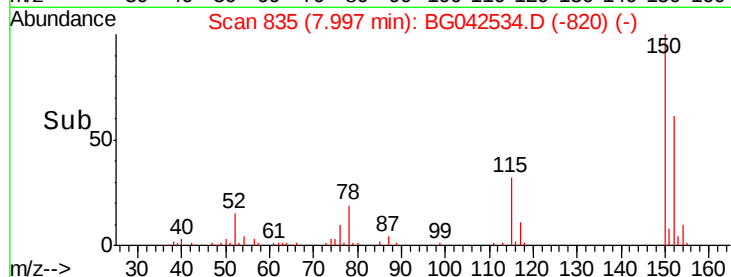
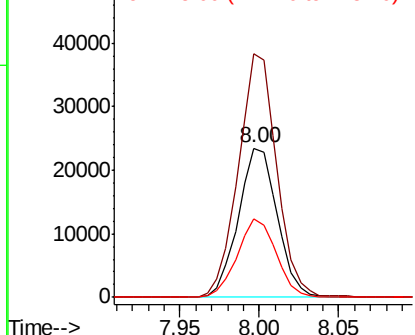
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042534.D
Acq: 28 Aug 2019 16:00

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

Tot Ion:152 Resp: 39890
Ion Ratio Lower Upper
152 100
150 163.5 125.4 188.0
115 52.5 38.5 57.7



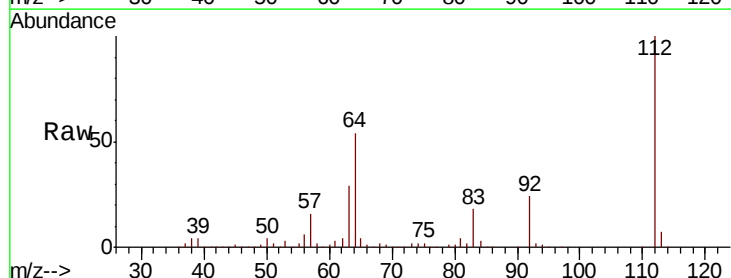
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



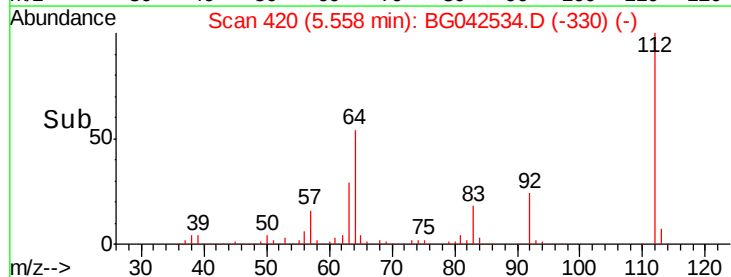
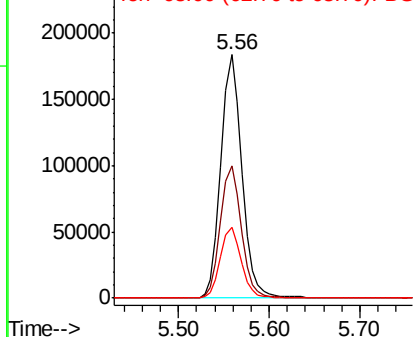
#5

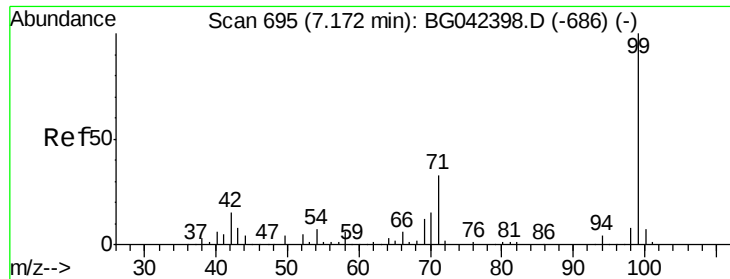
2-Fluorophenol
Concen: 150.347 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042534.D
Acq: 28 Aug 2019 16:00

Tgt Ion:112 Resp: 296123
Ion Ratio Lower Upper
112 100
64 54.4 42.8 64.2
63 28.9 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: 148.772 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042534.D

Acq: 28 Aug 2019 16:00

Instrument :

BNA_G

ClientSampleId :

S401-K1-1.0-1.5-082619

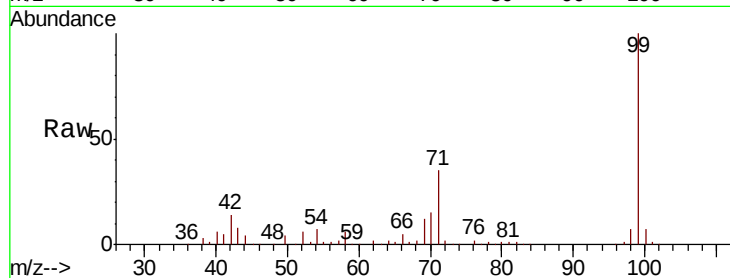
Tot Ion: 99 Resp: 395804

Ion Ratio Lower Upper

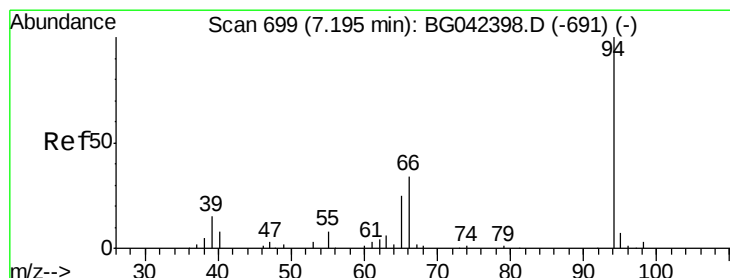
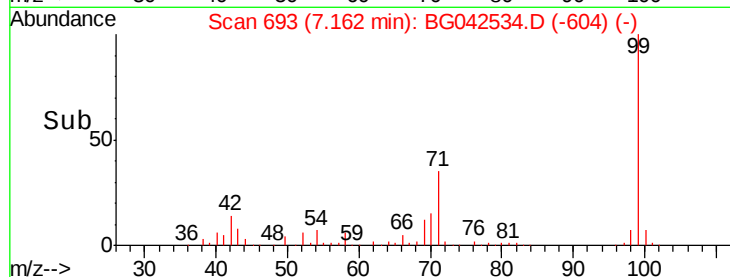
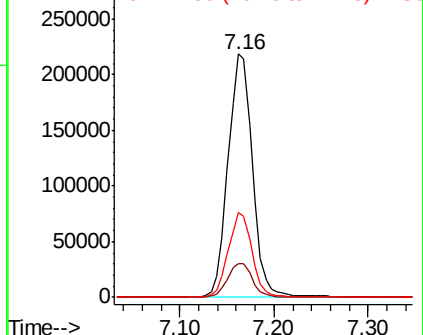
99 100

42 14.0 12.0 18.0

71 34.8 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: 3.818 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042534.D

Acq: 28 Aug 2019 16:00

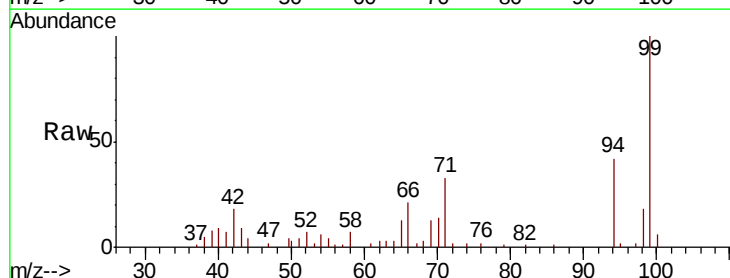
Tgt Ion: 94 Resp: 10328

Ion Ratio Lower Upper

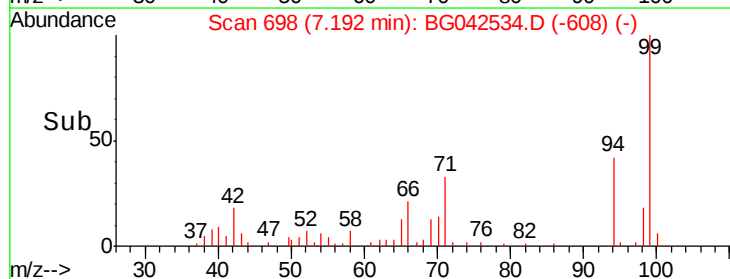
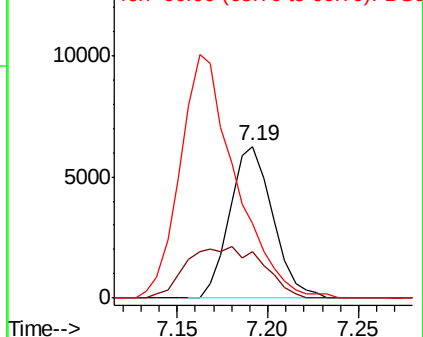
94 100

65 30.4 5.6 45.6

66 49.3 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

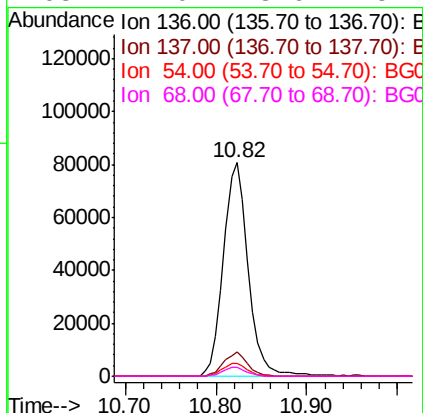
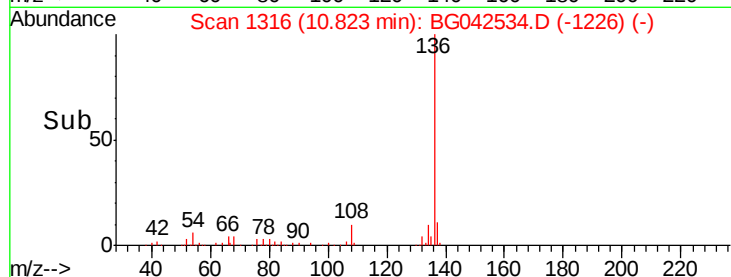
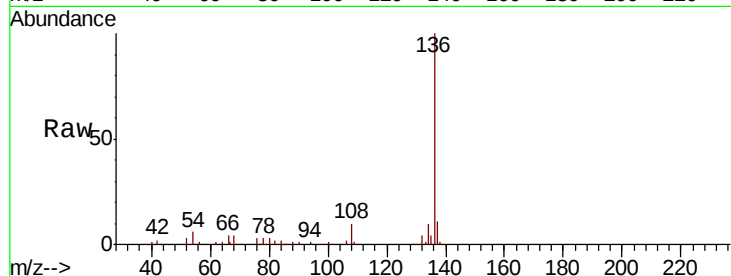




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042534.D
Acq: 28 Aug 2019 16:00

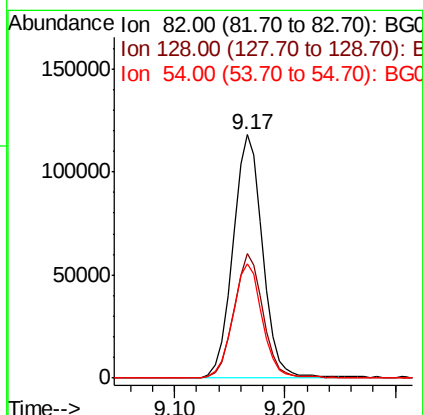
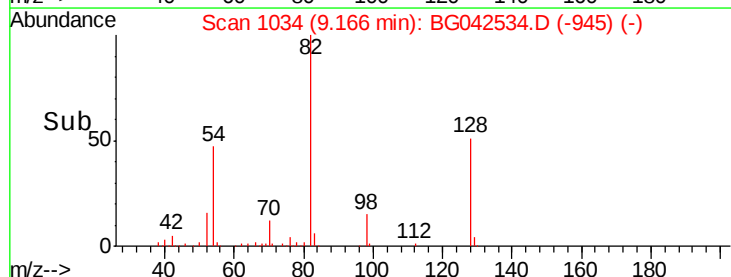
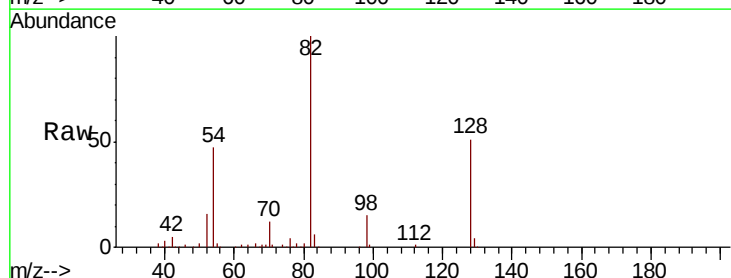
Instrument :
BNA_G
ClientSampleId :
S401-K1-1.0-1.5-082619

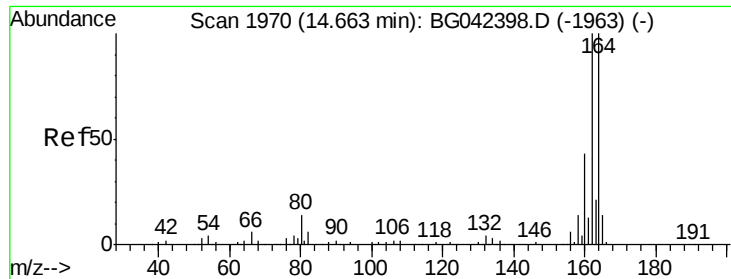
Tot Ion:136	Resp:	153249
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.7	13.1
54 6.1	4.9	7.3
68 4.0	3.6	5.4



#23
Nitrobenzene-d5
Concen: 100.283 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042534.D
Acq: 28 Aug 2019 16:00

Tgt	Ion: 82	Resp:	222393
Ion	Ratio	Lower	Upper
82	100		
128	51.0	40.7	61.1
54	46.8	36.3	54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042534.D

Acq: 28 Aug 2019 16:00

Instrument :

BNA_G

ClientSampleId :

S401-K1-1.0-1.5-082619

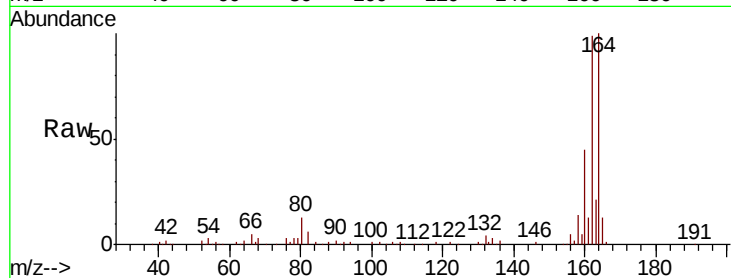
Tot Ion:164 Resp: 117503

Ion Ratio Lower Upper

164 100

162 98.9 79.9 119.9

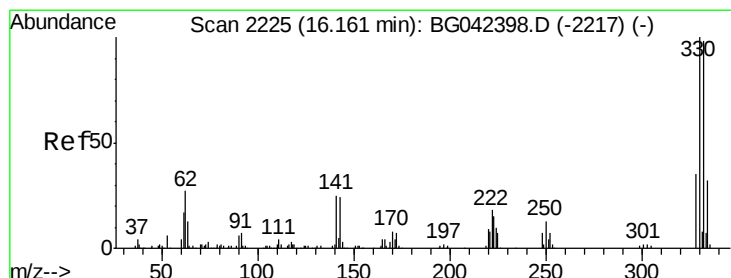
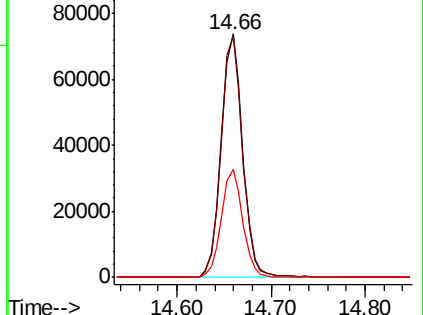
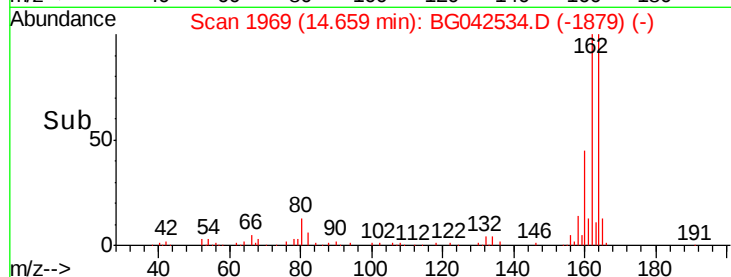
160 44.5 34.3 51.5



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: 164.674 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042534.D

Acq: 28 Aug 2019 16:00

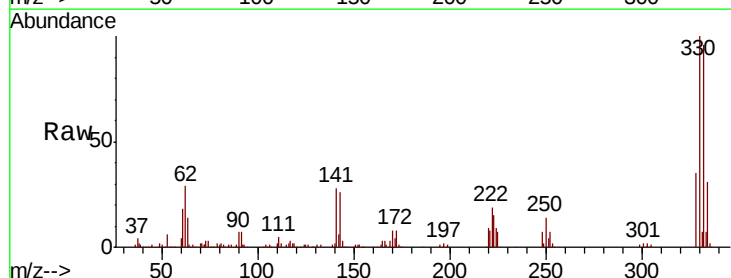
Tgt Ion:330 Resp: 275024

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.0

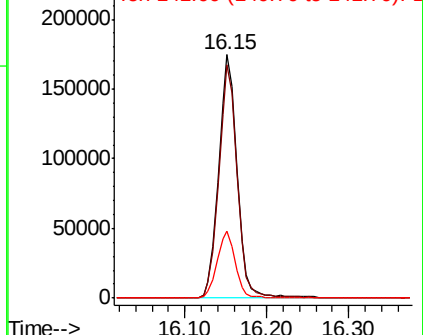
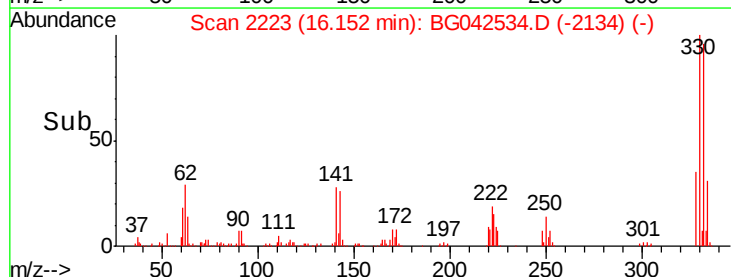
141 27.4 21.4 32.0



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

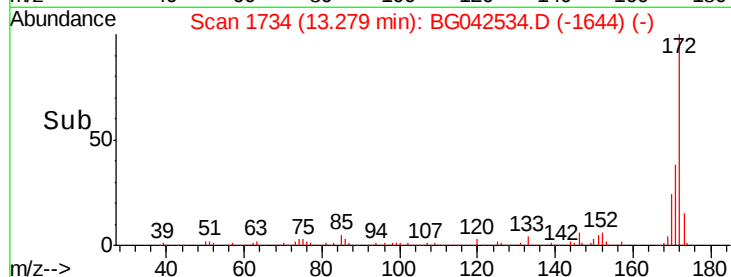
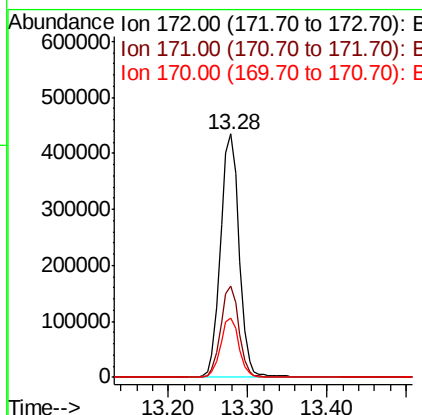
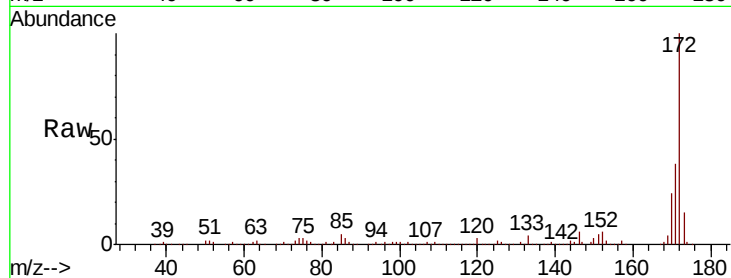




#45
2-Fluorobiphenyl
Concen: 102.084 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042534.D
Acq: 28 Aug 2019 16:00

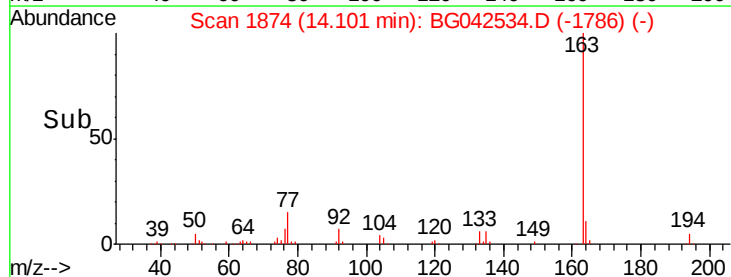
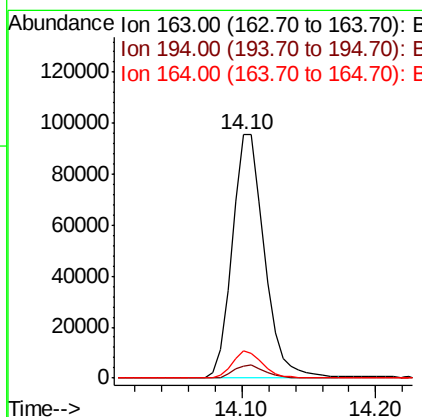
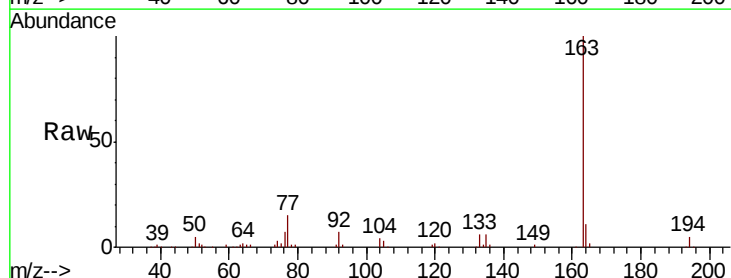
Instrument :
BNA_G
ClientSampleId :
S401-K1-1.0-1.5-082619

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	24.1	20.2	30.2



#50
Dimethylphthalate
Concen: 18.921 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG042534.D
Acq: 28 Aug 2019 16:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	11.0	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: BG042534.D

Acq: 28 Aug 2019 16:00

Instrument :

BNA_G

ClientSampleId :

S401-K1-1.0-1.5-082619

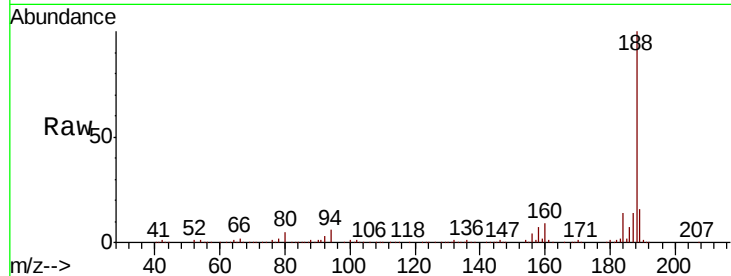
Tot Ion:188 Resp: 281594

Ion Ratio Lower Upper

188 100

94 5.7 4.5 6.7

80 5.3 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E

250000 Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

200000

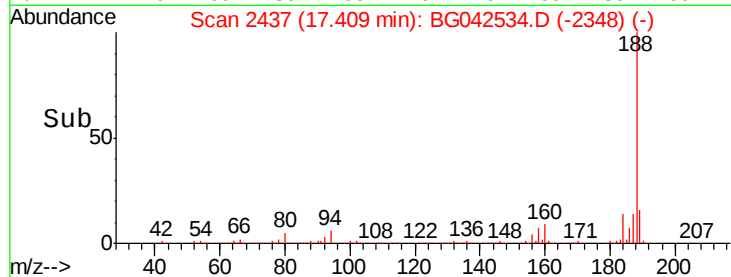
150000

100000

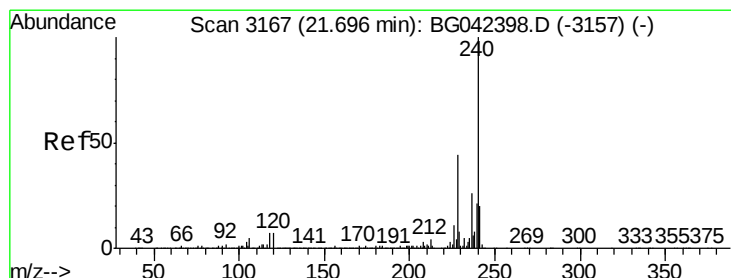
50000

0

17.30 17.40 17.50



Time--> 17.30 17.40 17.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042534.D

Acq: 28 Aug 2019 16:00

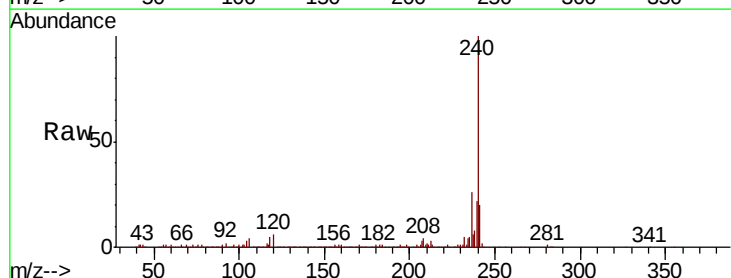
Tgt Ion:240 Resp: 297368

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

236 26.1 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

250000

200000

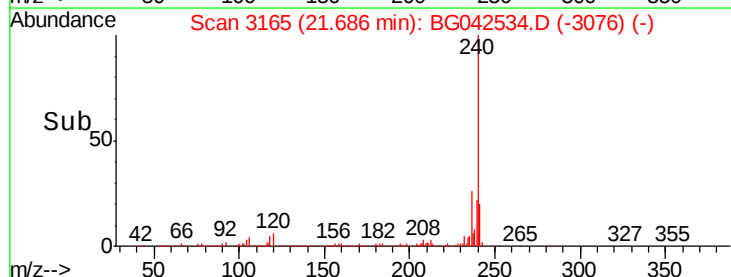
150000

100000

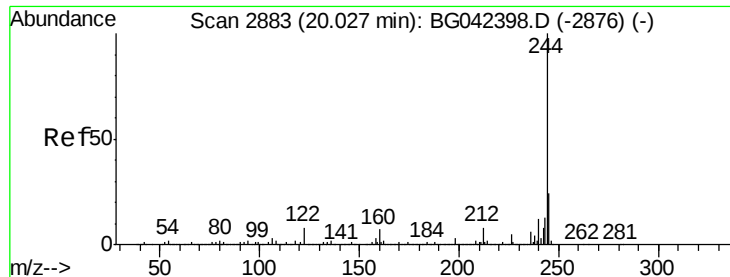
50000

0

21.60 21.70 21.80



Time--> 21.60 21.70 21.80



#79

Terphenyl-d14

Concen: 85.817 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042534.D

Acq: 28 Aug 2019 16:00

Instrument :

BNA_G

ClientSampleId :

S401-K1-1.0-1.5-082619

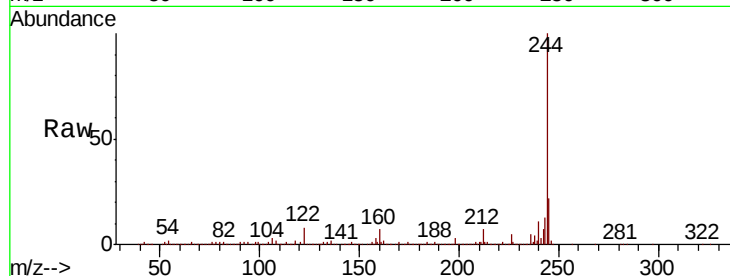
Tot Ion:244 Resp: 1180391

Ion Ratio Lower Upper

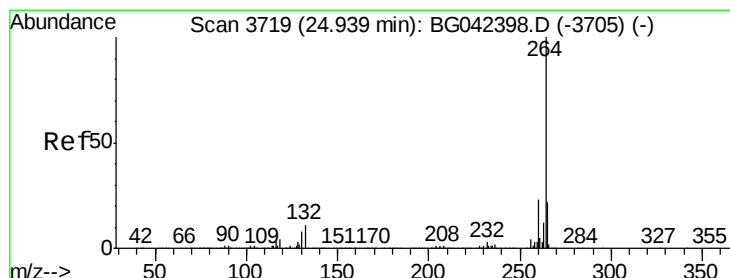
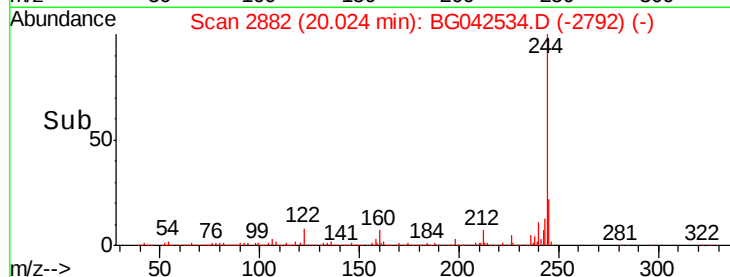
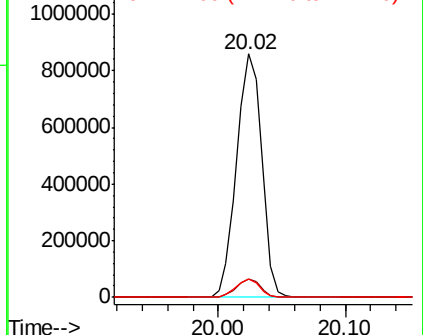
244 100

212 7.4 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: BG042534.D

Acq: 28 Aug 2019 16:00

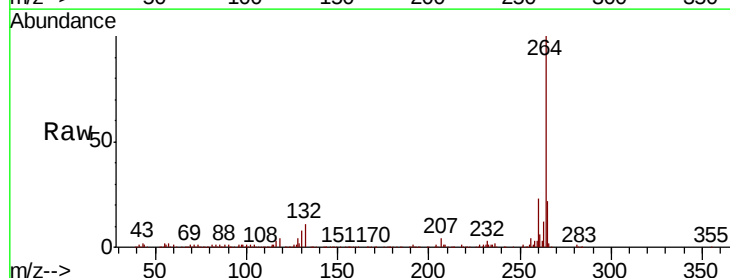
Tgt Ion:264 Resp: 346700

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.8 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

