

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042473.D
 Acq On : 25 Aug 2019 11:57
 Operator : HP/JU
 Sample : K4498-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-3

Quant Time: Aug 26 07:11:47 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

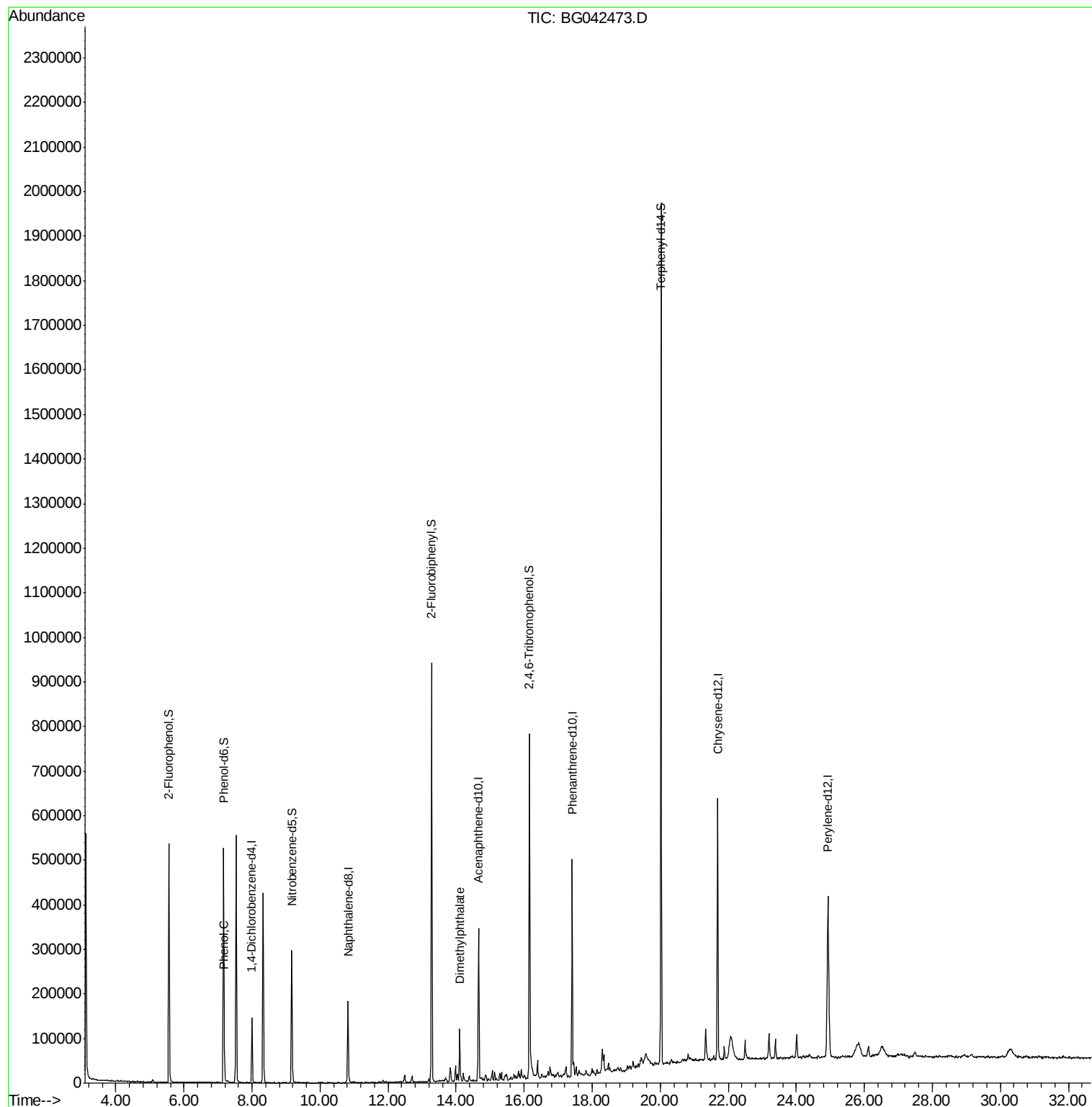
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	47349	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	186084	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	135246	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	325587	20.00	ng	0.00
76) Chrysene-d12	21.69	240	356071	20.00	ng	0.00
87) Perylene-d12	24.93	264	428656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	270399	115.66	ng	0.00
7) Phenol-d6	7.16	99	363361	115.06	ng	0.00
23) Nitrobenzene-d5	9.17	82	196874	73.11	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	209154	108.80	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	553099	69.17	ng	0.00
79) Terphenyl-d14	20.03	244	991061	60.17	ng	0.00
Target Compounds						
10) Phenol	7.19	94	8799	2.740	ng	82
50) Dimethylphthalate	14.10	163	93670	9.599	ng	98

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

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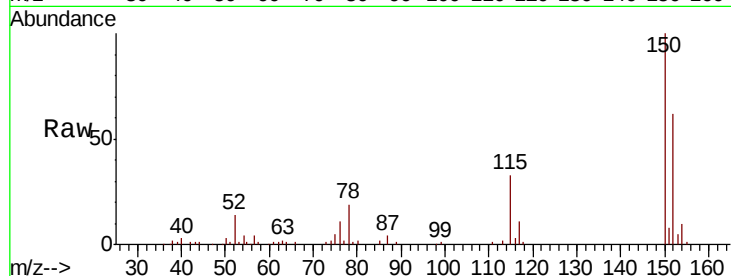


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042473.D
Acq: 25 Aug 2019 11:57

Instrument :
BNA_G
ClientSampleId :
BOTTOM-3

Tot Ion	152	Resp	47349
Ion Ratio	Lower	Upper	
152	100		
150	161.0	125.4	188.0
115	53.7	38.5	57.7

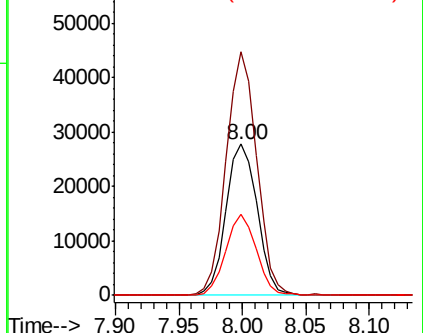
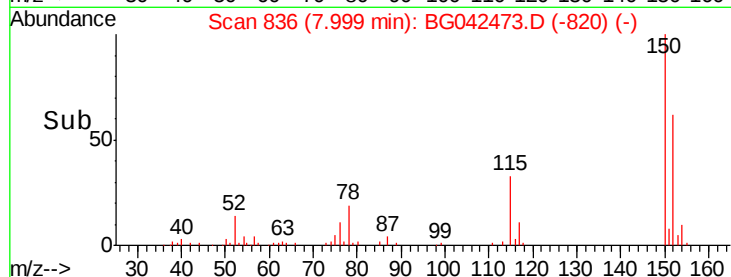


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

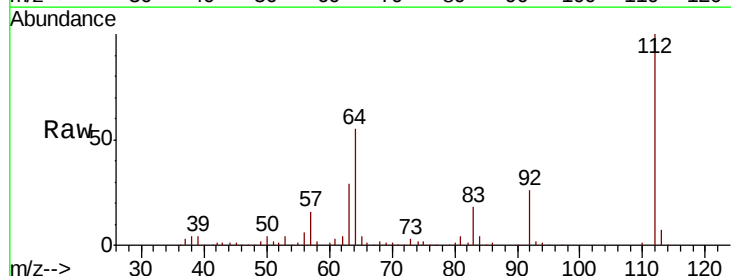
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.660 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042473.D
Acq: 25 Aug 2019 11:57

Tgt Ion	112	Resp	270399
Ion Ratio	Lower	Upper	
112	100		
64	55.1	42.8	64.2
63	28.6	22.7	34.1

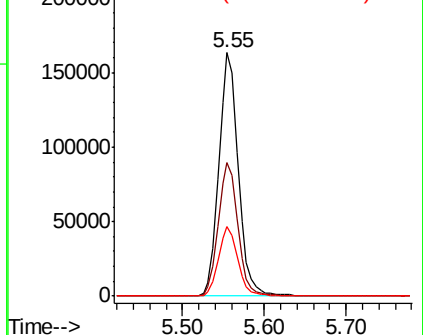
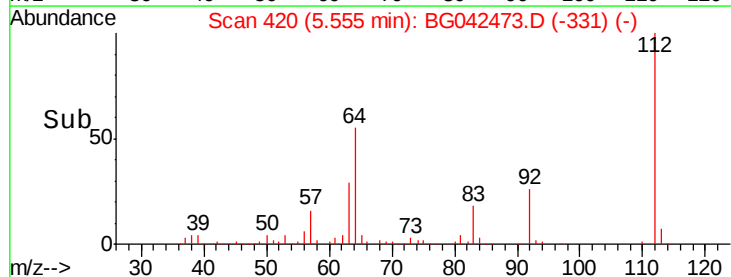


Abundance

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: 115.062 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

Instrument :

BNA_G

ClientSampled :

BOTTOM-3

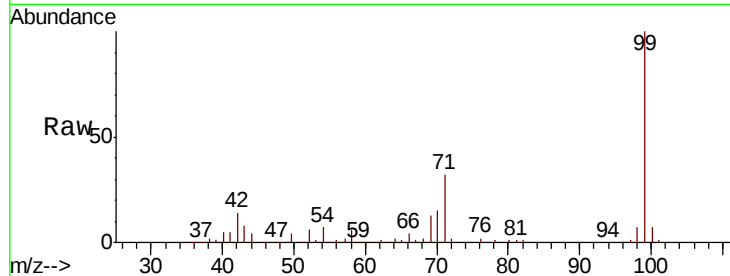
Tot Ion: 99 Resp: 363361

Ion Ratio Lower Upper

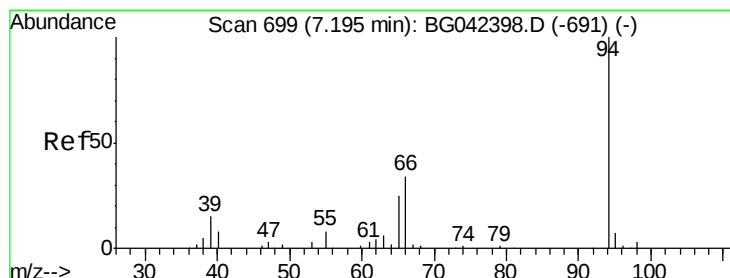
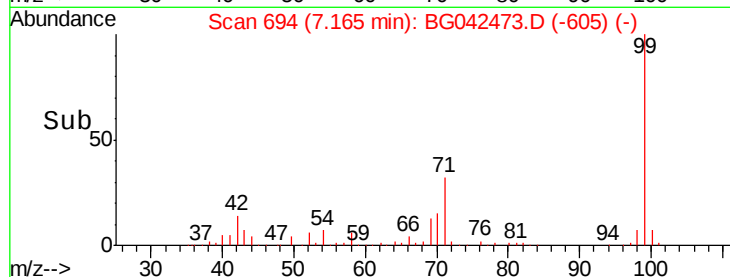
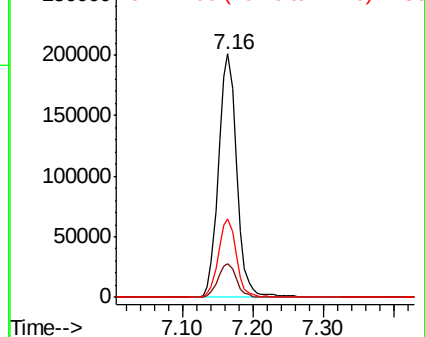
99 100

42 14.1 12.0 18.0

71 32.0 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: 2.740 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

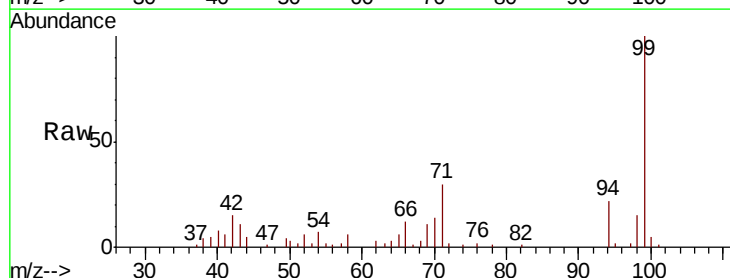
Tgt Ion: 94 Resp: 8799

Ion Ratio Lower Upper

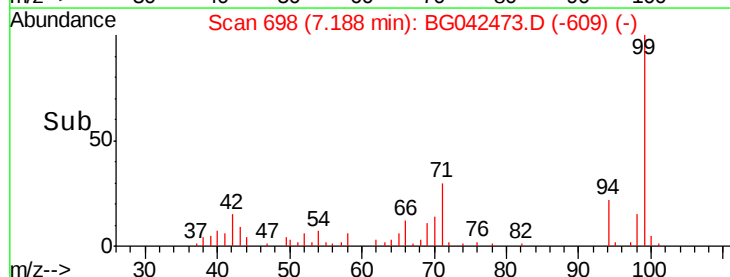
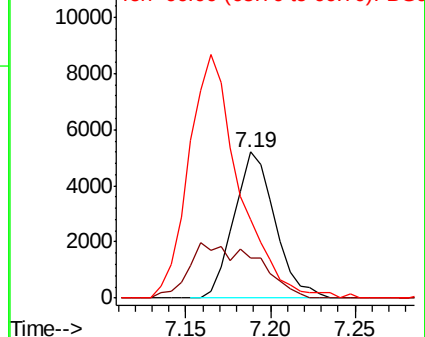
94 100

65 27.1 5.6 45.6

66 53.3 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

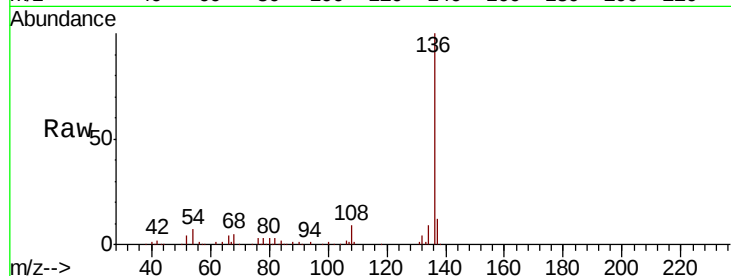




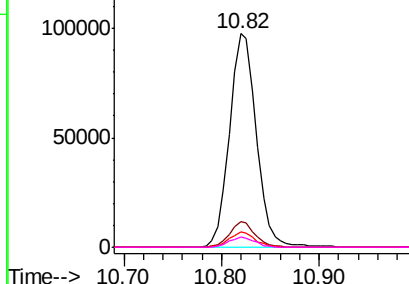
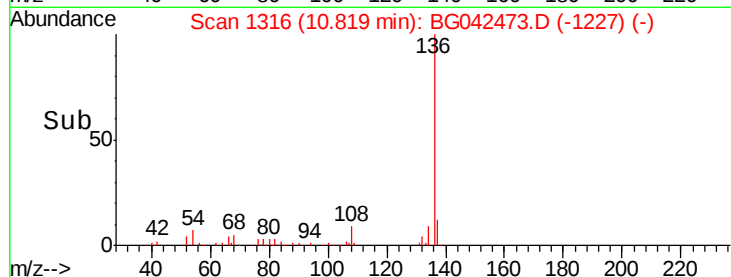
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042473.D
Acq: 25 Aug 2019 11:57

Instrument :
BNA_G
ClientSampleId :
BOTTOM-3

Tot Ion:136	Resp:	186084
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.7 13.1
54	7.4	4.9 7.3#
68	4.9	3.6 5.4

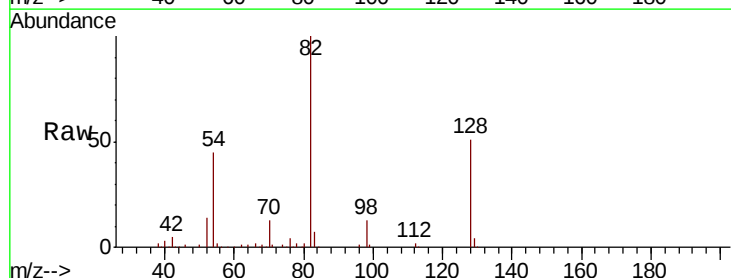


Abundance Ion 136.00 (135.70 to 136.70): E
150000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

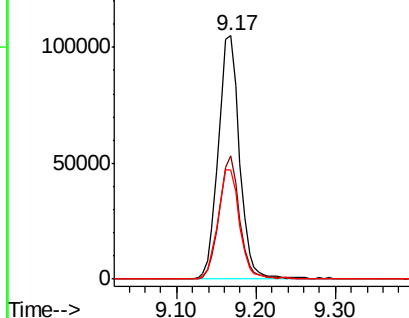
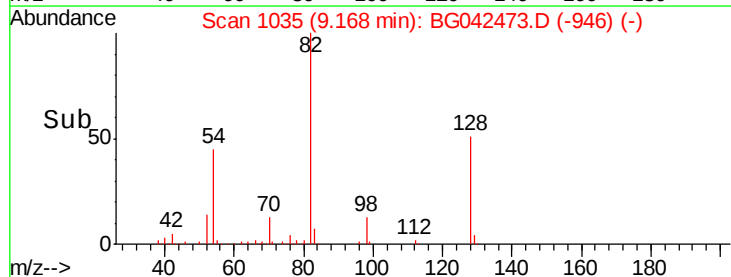


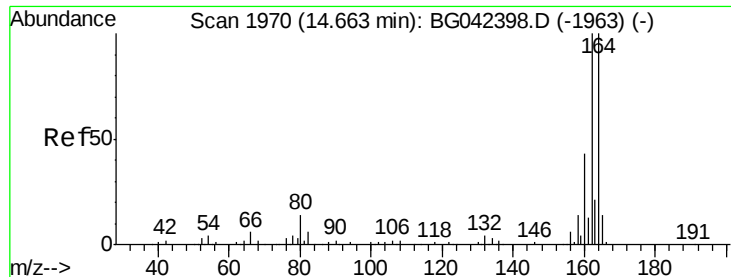
#23
Nitrobenzene-d5
Concen: 73.111 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042473.D
Acq: 25 Aug 2019 11:57

Tgt Ion: 82	Resp:	196874
Ion Ratio	Lower	Upper
82	100	
128	50.8	40.7 61.1
54	44.6	36.3 54.5



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

Instrument :

BNA_G

ClientSampleId :

BOTTOM-3

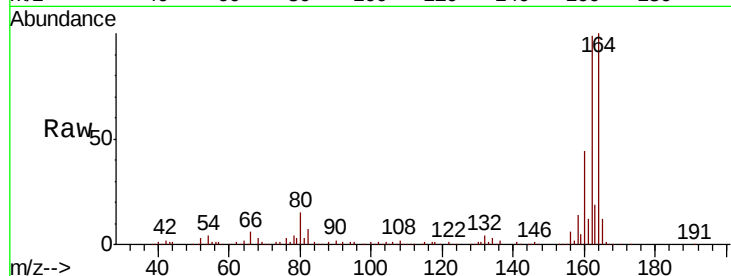
Tot Ion:164 Resp: 135246

Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

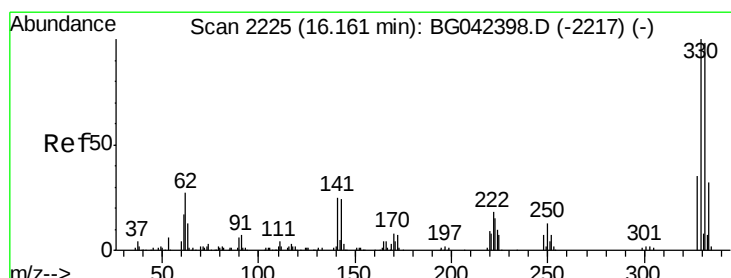
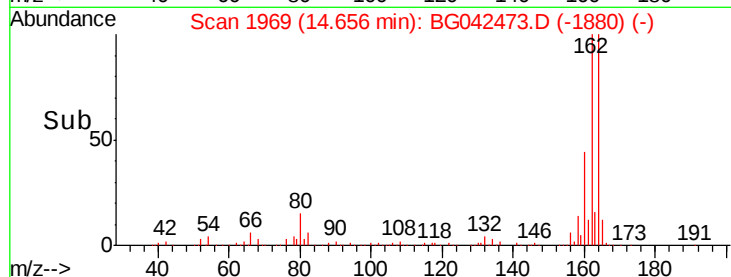
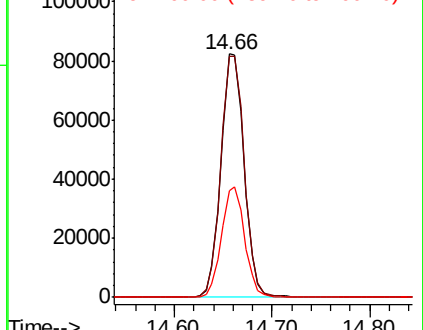
160 44.0 34.3 51.5



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: 108.804 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

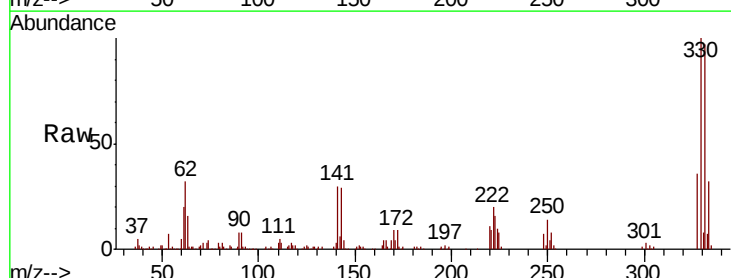
Tgt Ion:330 Resp: 209154

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

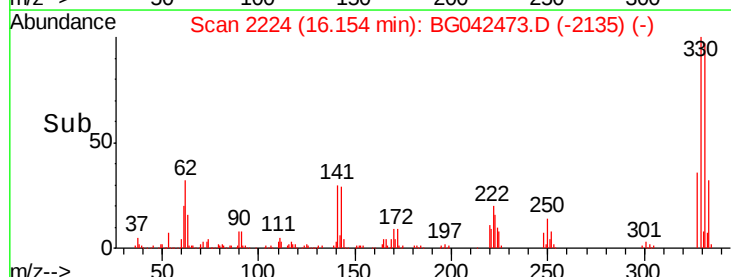
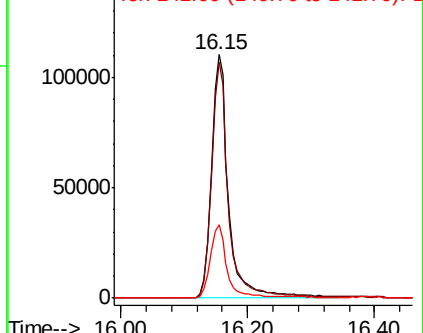
141 30.3 21.4 32.0



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

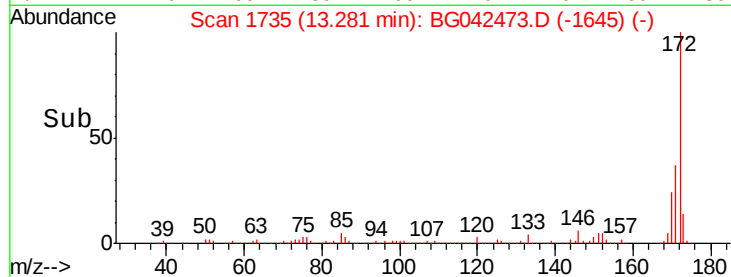
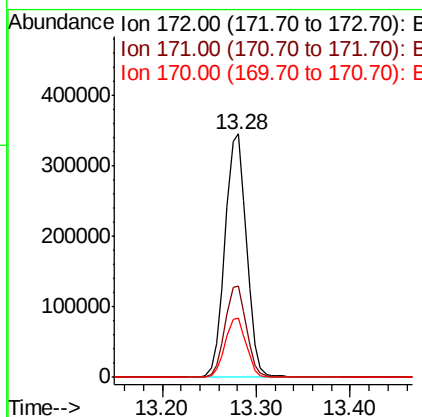
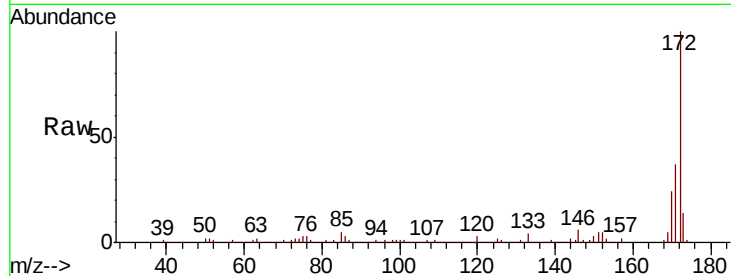




#45
2-Fluorobiphenyl
Concen: 69.166 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042473.D
Acq: 25 Aug 2019 11:57

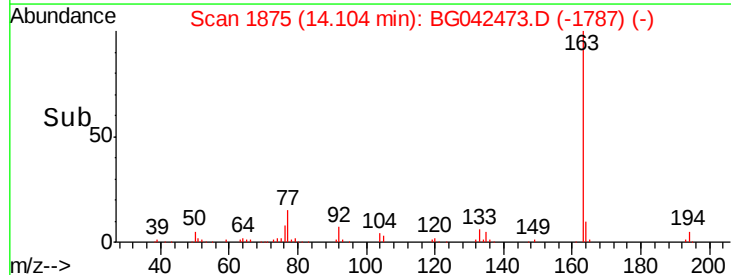
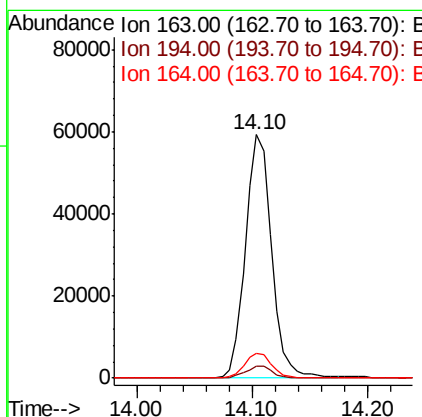
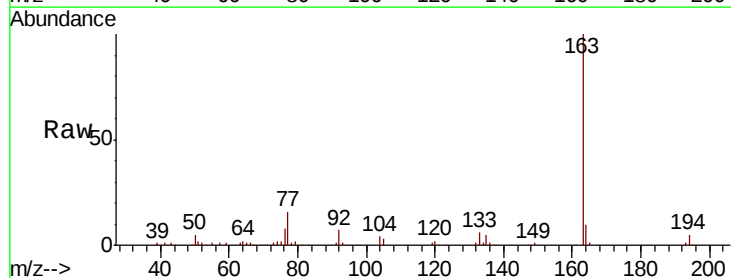
Instrument :
BNA_G
ClientSampleId :
BOTTOM-3

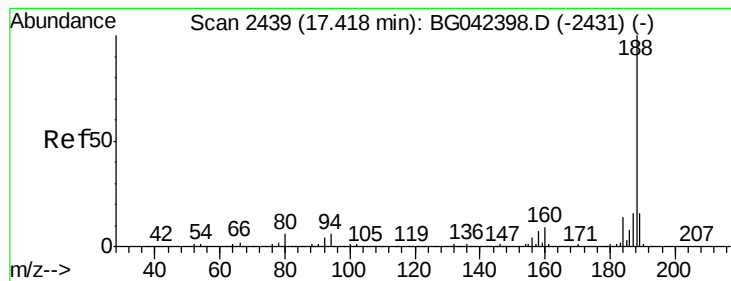
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.2	20.2	30.2



#50
Dimethylphthalate
Concen: 9.599 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042473.D
Acq: 25 Aug 2019 11:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	10.2	8.8	13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

Instrument :

BNA_G

ClientSampleId :

BOTTOM-3

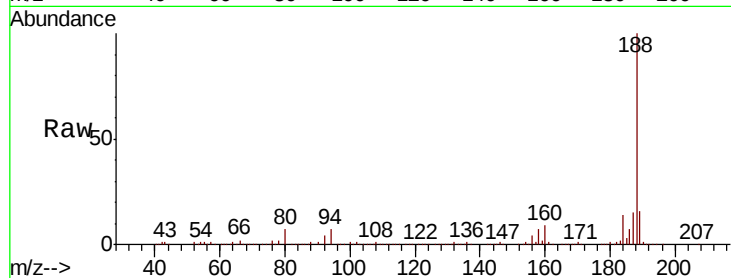
Tot Ion:188 Resp: 325587

Ion Ratio Lower Upper

188 100

94 6.7 4.5 6.7

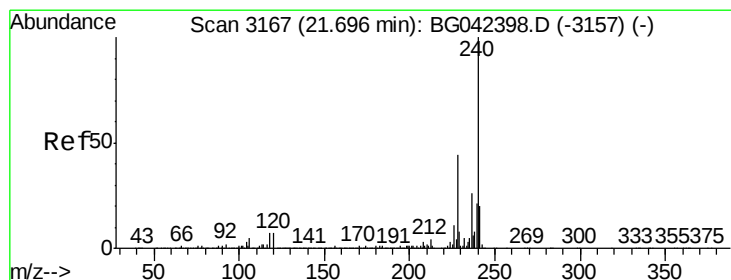
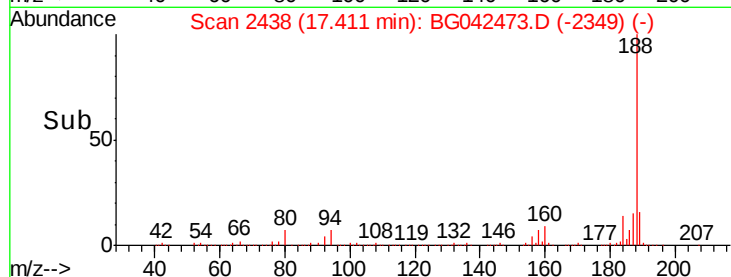
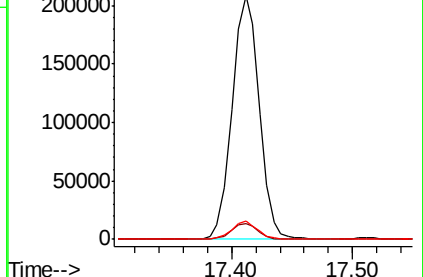
80 7.3 4.9 7.3#



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

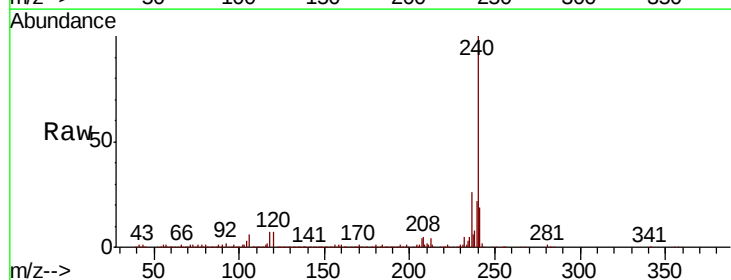
Tgt Ion:240 Resp: 356071

Ion Ratio Lower Upper

240 100

120 7.4 5.7 8.5

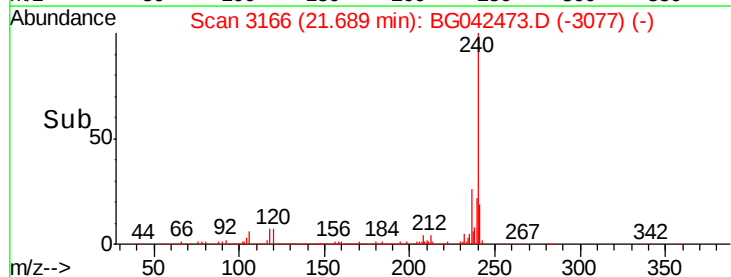
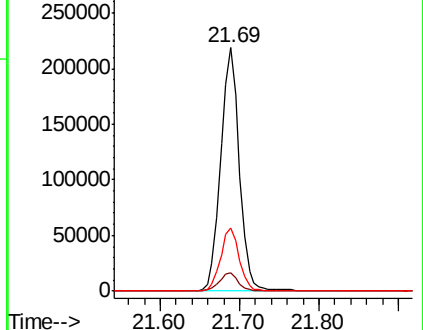
236 25.8 21.0 31.4

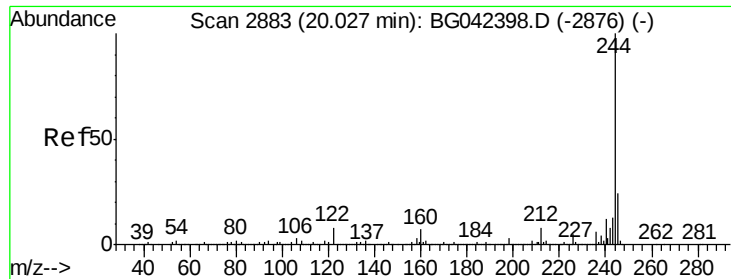


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.173 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

Instrument :

BNA_G

ClientSampleId :

BOTTOM-3

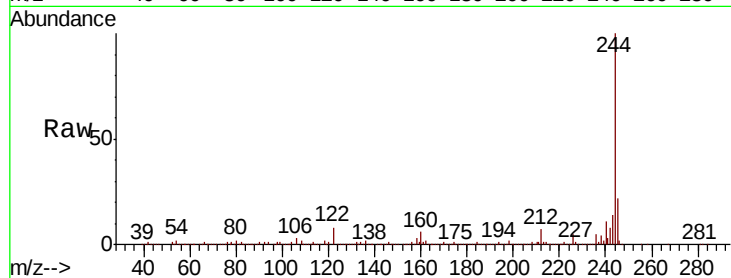
Tot Ion:244 Resp: 991061

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

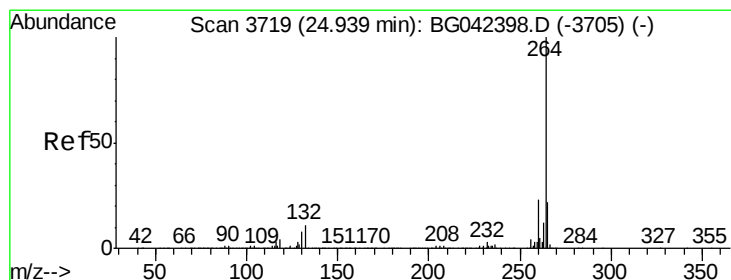
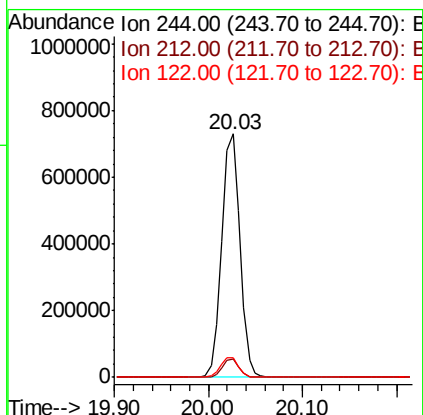
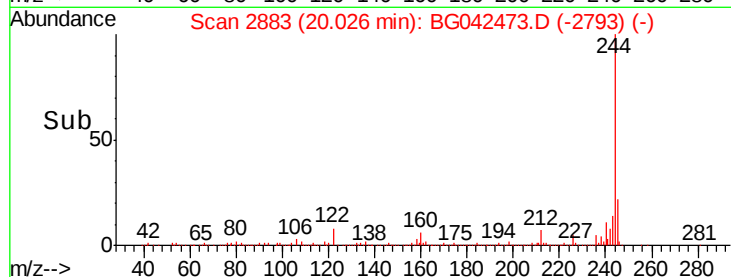
122 8.2 6.7 10.1



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042473.D

Acq: 25 Aug 2019 11:57

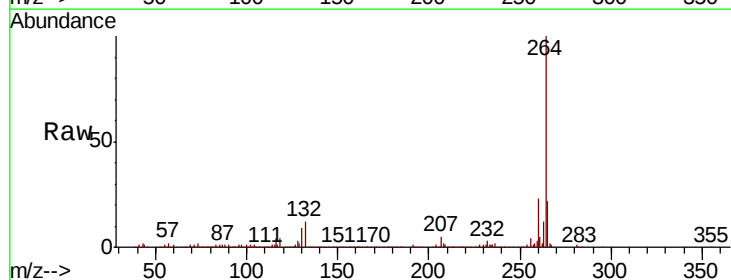
Tgt Ion:264 Resp: 428656

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.3 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

