

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041573.D
 Acq On : 2 Jul 2019 15:17
 Operator : HP/JU
 Sample : K3519-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW4

Quant Time: Jul 03 02:28:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28657	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	94596	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	68270	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	187585	20.00	ng	0.00
76) Chrysene-d12	21.70	240	217027	20.00	ng	0.00
87) Perylene-d12	24.98	264	228771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	85309	53.07	ng	0.00
7) Phenol-d6	7.19	99	68561	30.30	ng	0.00
23) Nitrobenzene-d5	9.21	82	204816	90.30	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	169997	145.84	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	486002	91.35	ng	0.00
79) Terphenyl-d14	20.03	244	1045949	102.42	ng	0.00

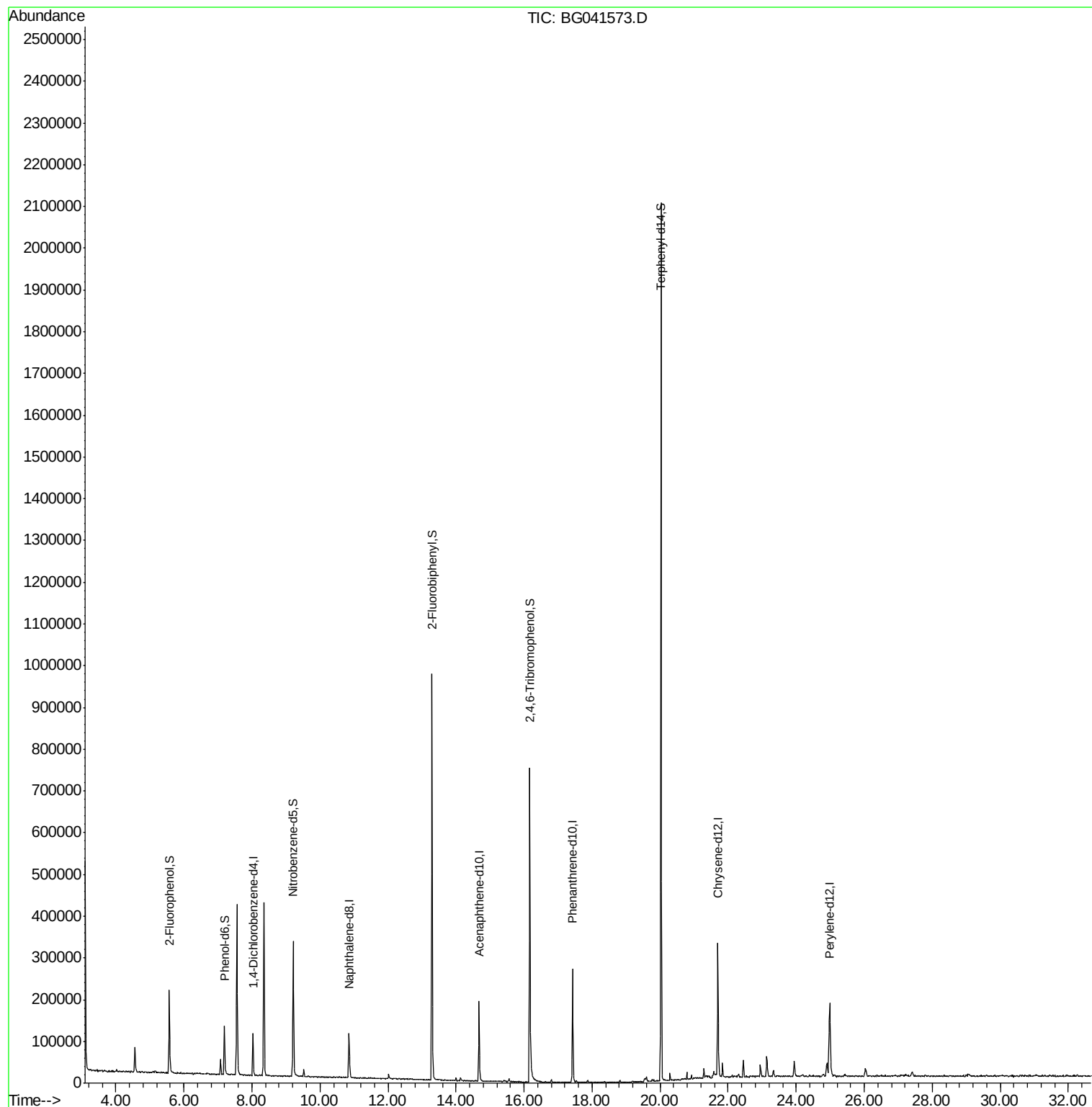
Target Compounds Qvalue

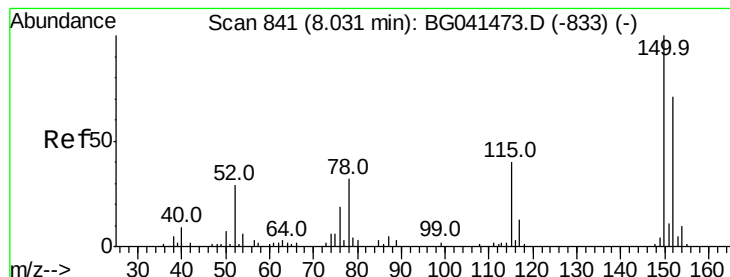
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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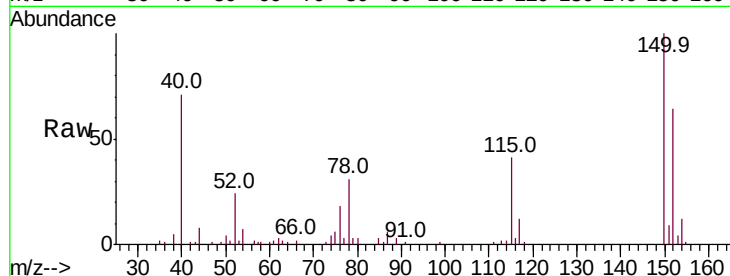


#1

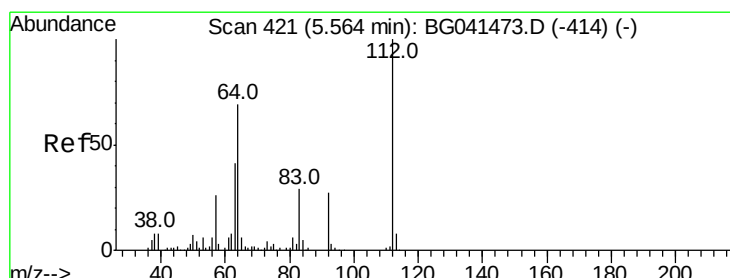
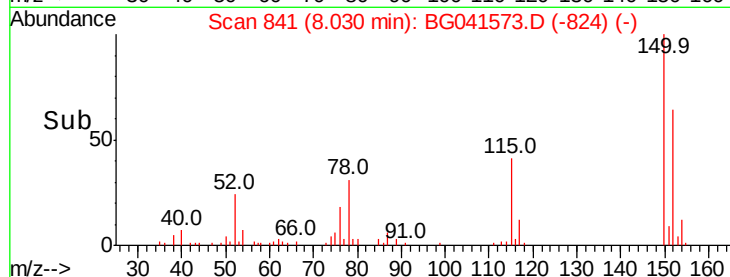
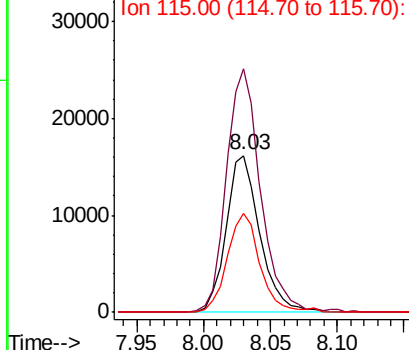
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041573.D
Acq: 2 Jul 2019 15:17

Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW4

Tot Ion:152 Resp: 28657
Ion Ratio Lower Upper
152 100
150 155.0 112.4 168.6
115 63.4 44.6 66.8



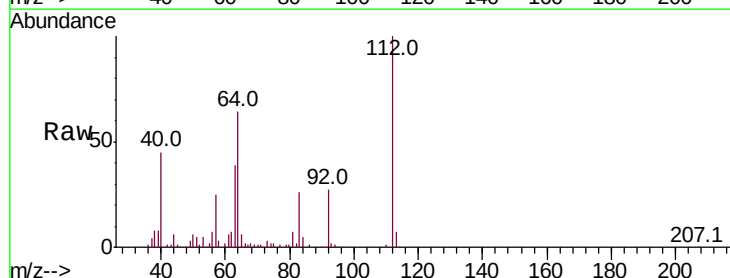
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



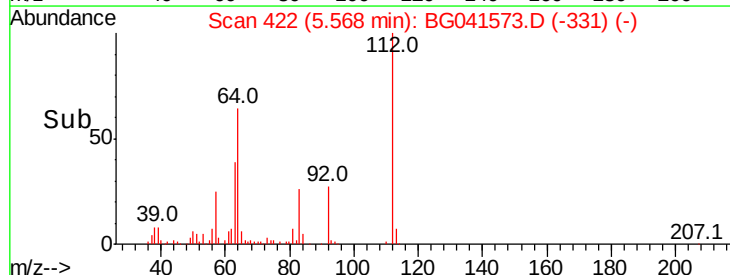
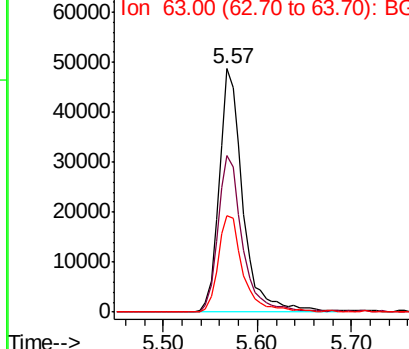
#5

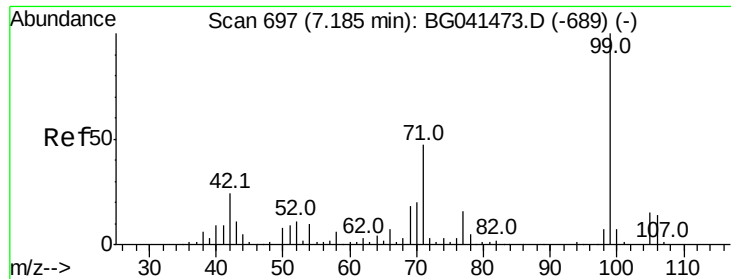
2-Fluorophenol
Concen: 53.074 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041573.D
Acq: 2 Jul 2019 15:17

Tgt Ion:112 Resp: 85309
Ion Ratio Lower Upper
112 100
64 64.1 55.1 82.7
63 39.4 32.4 48.6



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: 30.300 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041573.D

Acq: 2 Jul 2019 15:17

Instrument :

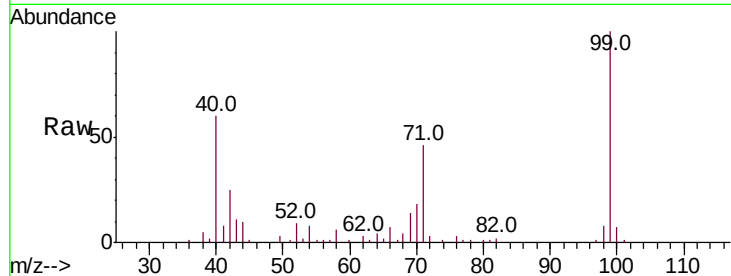
BNA_G

ClientSampleId :

SP19-LF2MW4

Tot Ion: 99 Resp: 68561

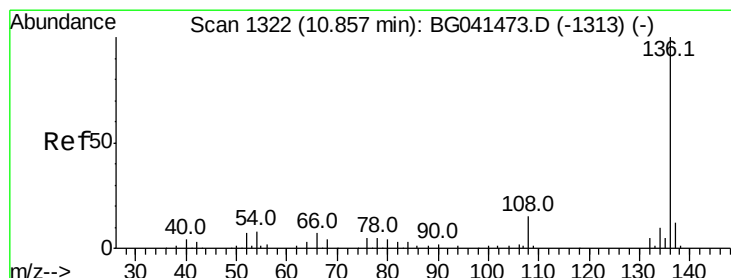
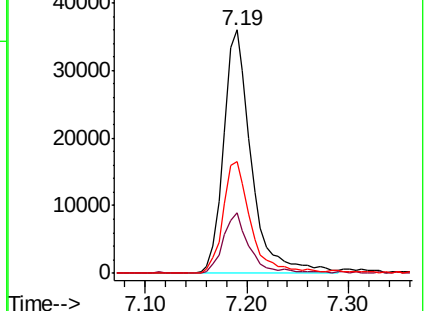
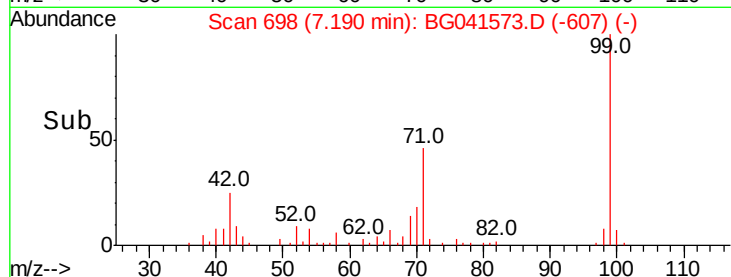
Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.0	28.6
71	45.8	37.4	56.2



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: 10.86 min Scan# 1322

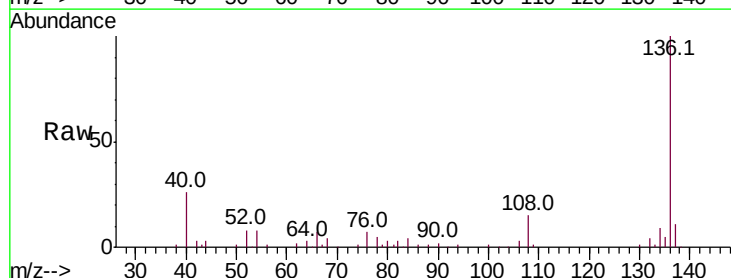
Delta R.T. -0.00 min

Lab File: BG041573.D

Acq: 2 Jul 2019 15:17

Tgt Ion: 136 Resp: 94596

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.7	7.1	10.7
68	3.7	3.3	4.9

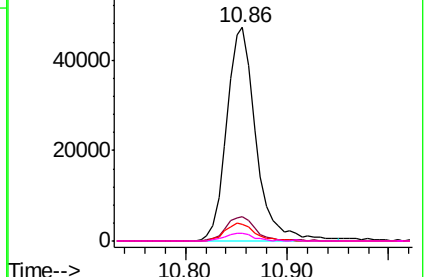
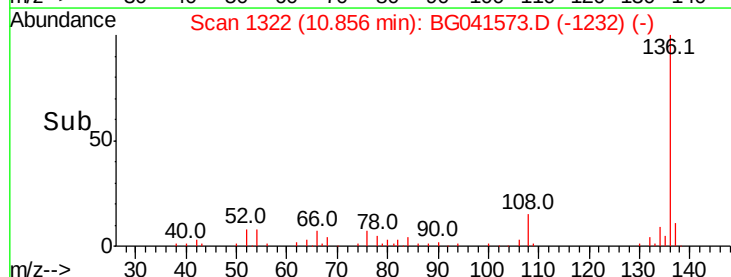


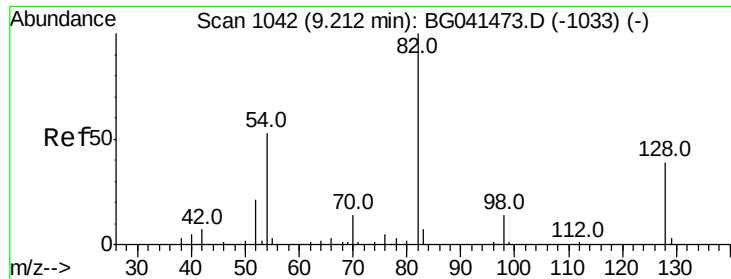
Abundance Ion 136.00 (135.70 to 136.70): E

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

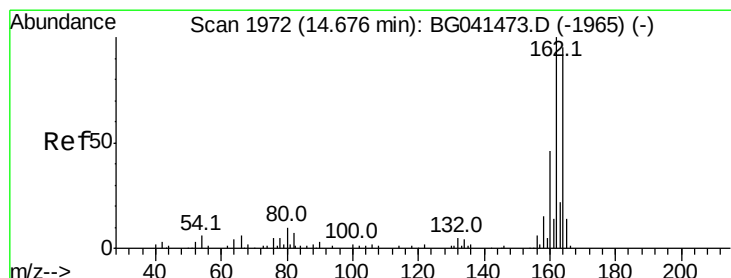
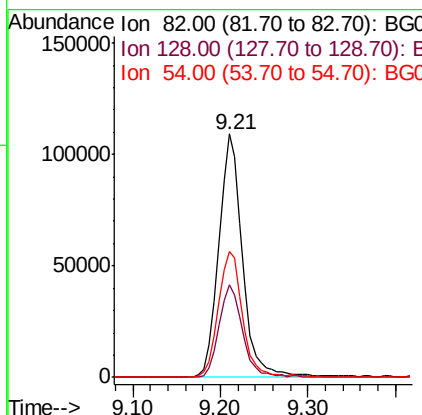
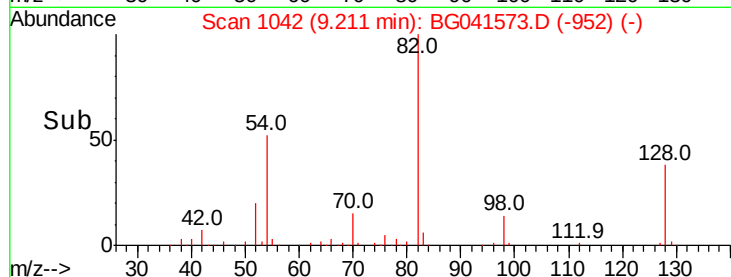
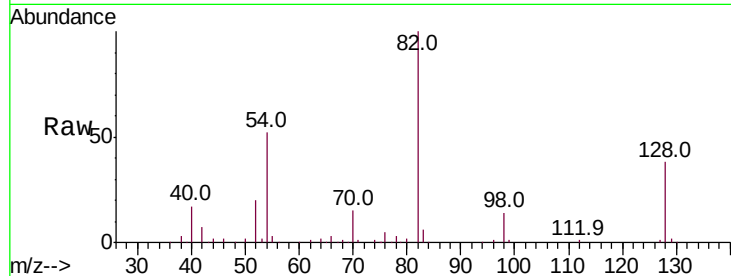




#23
Nitrobenzene-d5
Concen: 90.303 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041573.D
Acq: 2 Jul 2019 15:17

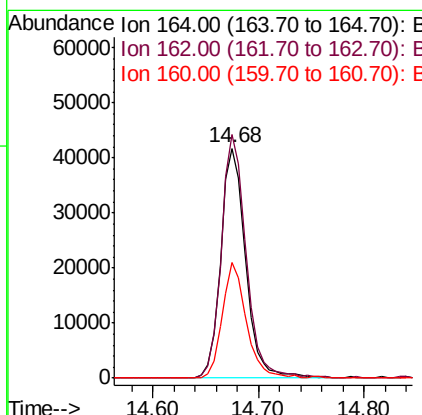
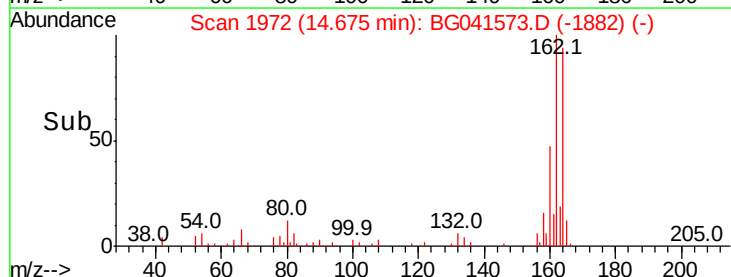
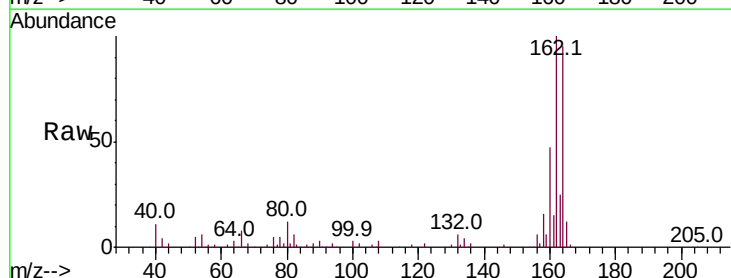
Instrument :
BNA_G
ClientSampleId :
SP19-LF2MW4

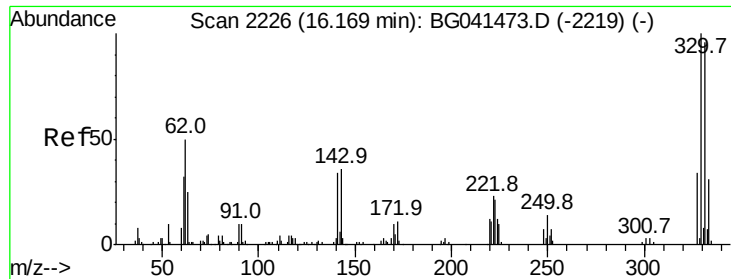
Tot Ion	82	Resp	204816
Ion Ratio	Lower	Upper	
82	100		
128	37.8	30.9	46.3
54	51.7	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041573.D
Acq: 2 Jul 2019 15:17

Tgt Ion	164	Resp	68270
Ion Ratio	Lower	Upper	
164	100		
162	105.8	84.4	126.6
160	50.0	38.8	58.2

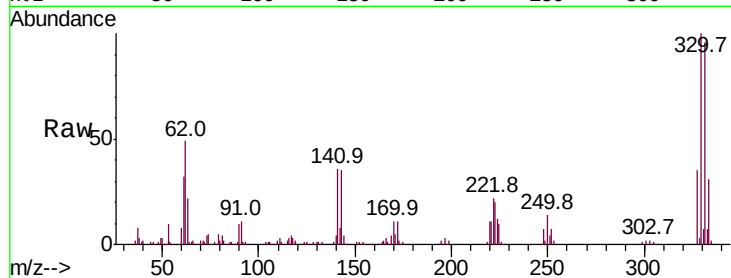




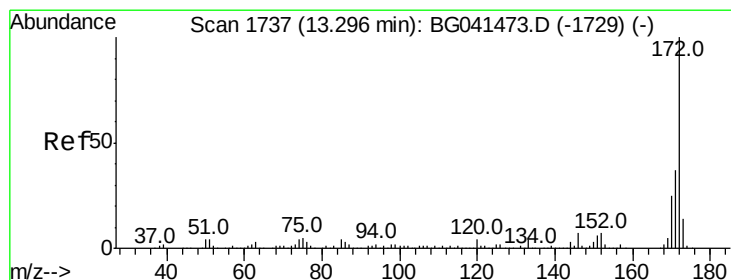
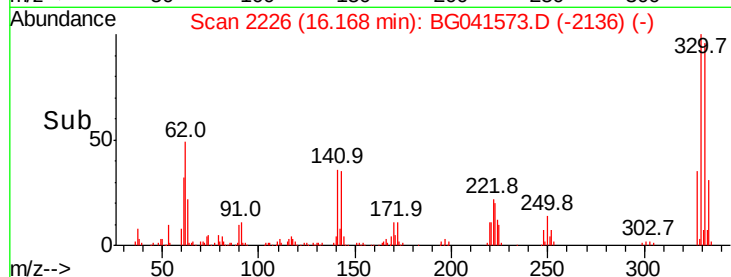
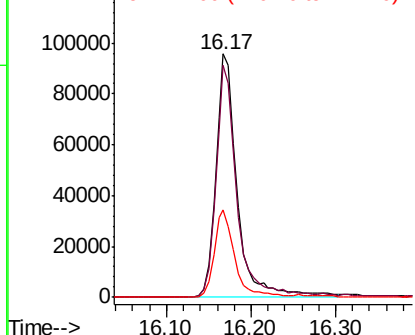
#42
 2,4,6-Tribromophenol
 Concen: 145.837 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041573.D
 Acq: 2 Jul 2019 15:17

Instrument :
 BNA_G
 ClientSampleId :
 SP19-LF2MW4

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.5	113.3
141	34.4	27.8	41.6

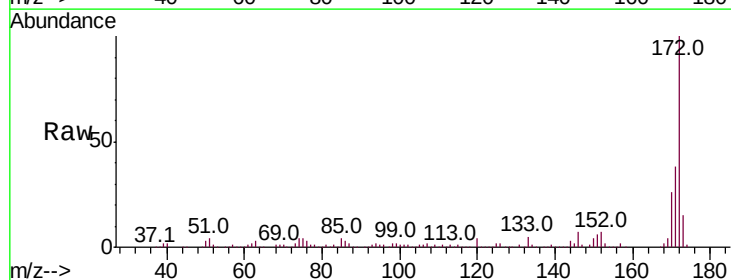


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

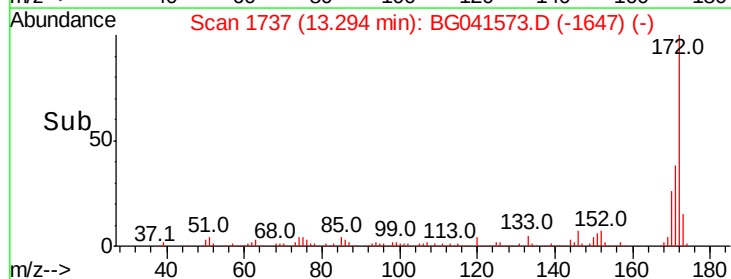
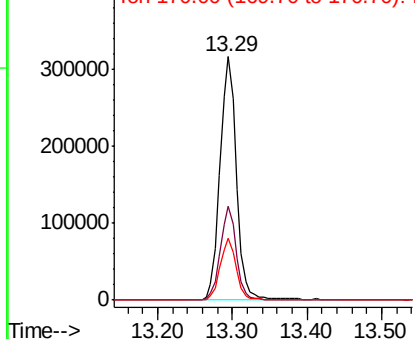


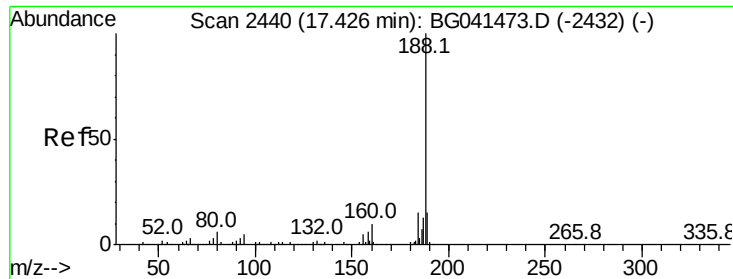
#45
 2-Fluorobiphenyl
 Concen: 91.353 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041573.D
 Acq: 2 Jul 2019 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.6	44.4
170	25.6	20.0	30.0



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041573.D

Acq: 2 Jul 2019 15:17

Instrument :

BNA_G

ClientSampleId :

SP19-LF2MW4

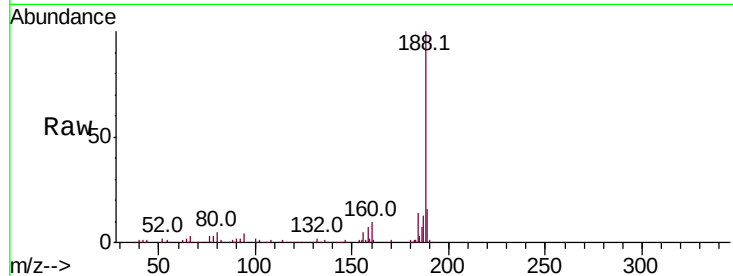
Tot Ion:188 Resp: 187585

Ion Ratio Lower Upper

188 100

94 4.2 3.8 5.8

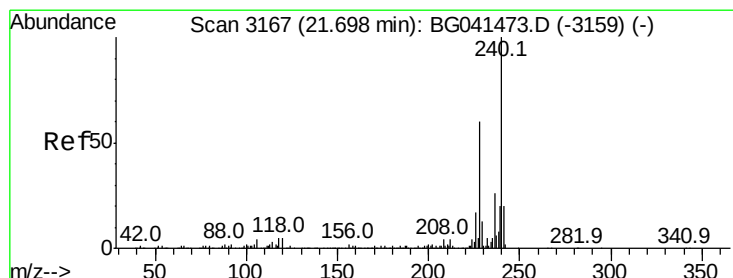
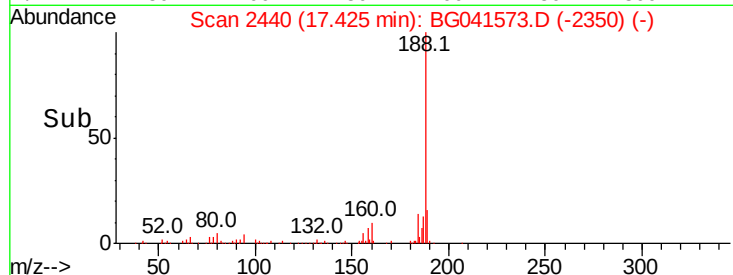
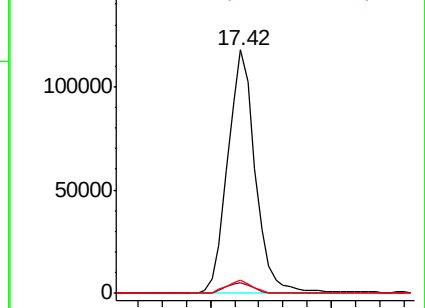
80 5.2 4.8 7.2



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: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041573.D

Acq: 2 Jul 2019 15:17

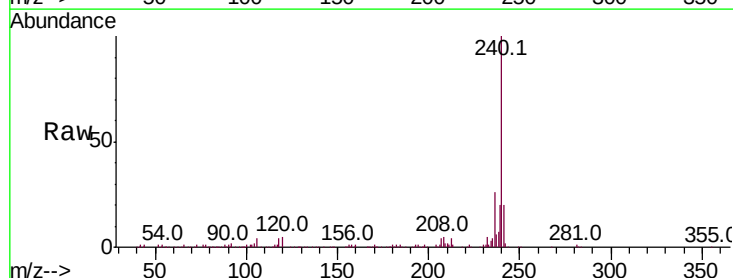
Tgt Ion:240 Resp: 217027

Ion Ratio Lower Upper

240 100

120 4.8 3.7 5.5

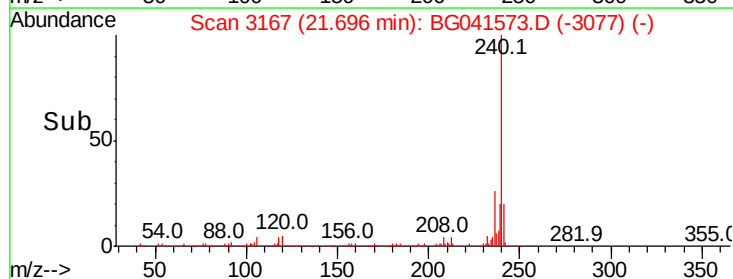
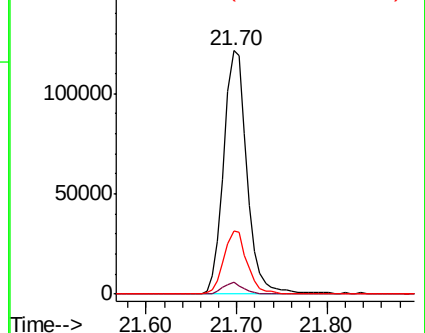
236 26.1 20.8 31.2

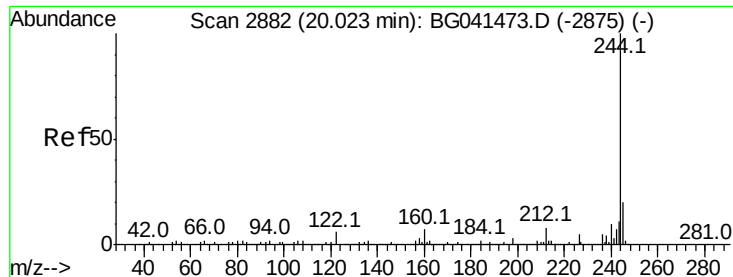


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.417 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041573.D

Acq: 2 Jul 2019 15:17

Instrument :

BNA_G

ClientSampleId :

SP19-LF2MW4

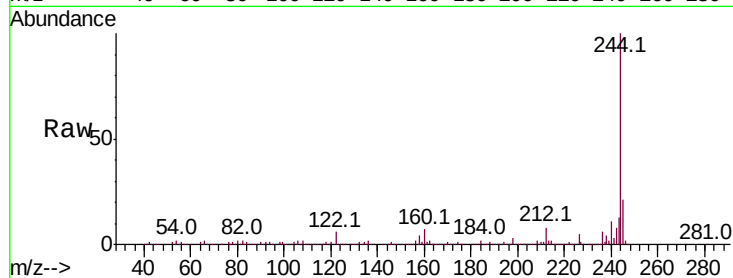
Tot Ion:244 Resp: 1045949

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

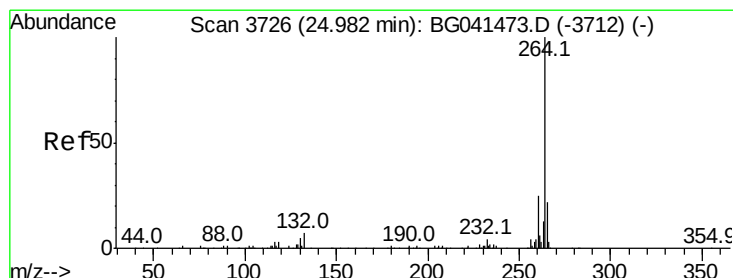
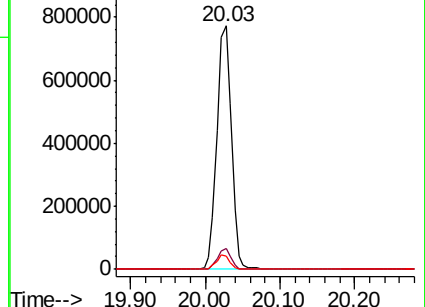
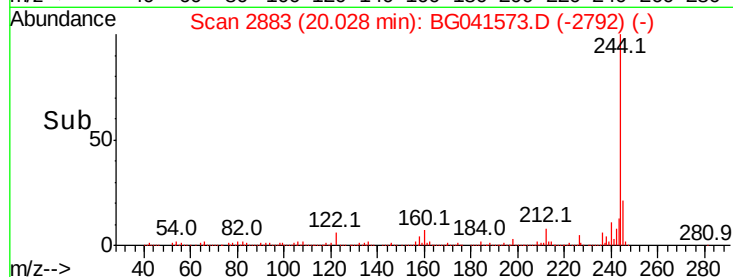
122 5.7 4.8 7.2



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: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG041573.D

Acq: 2 Jul 2019 15:17

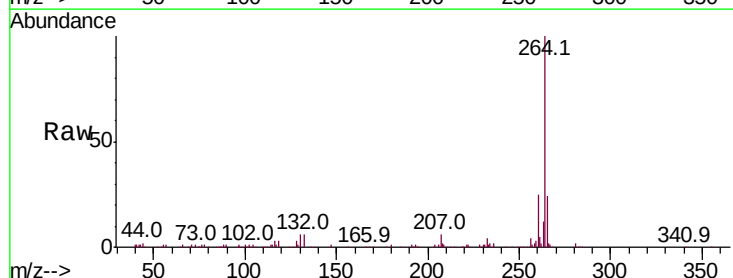
Tgt Ion:264 Resp: 228771

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 23.7 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

