

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
 Data File : BG043014.D
 Acq On : 3 Oct 2019 16:32
 Operator : JU
 Sample : K5168-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13

Quant Time: Oct 04 07:28:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

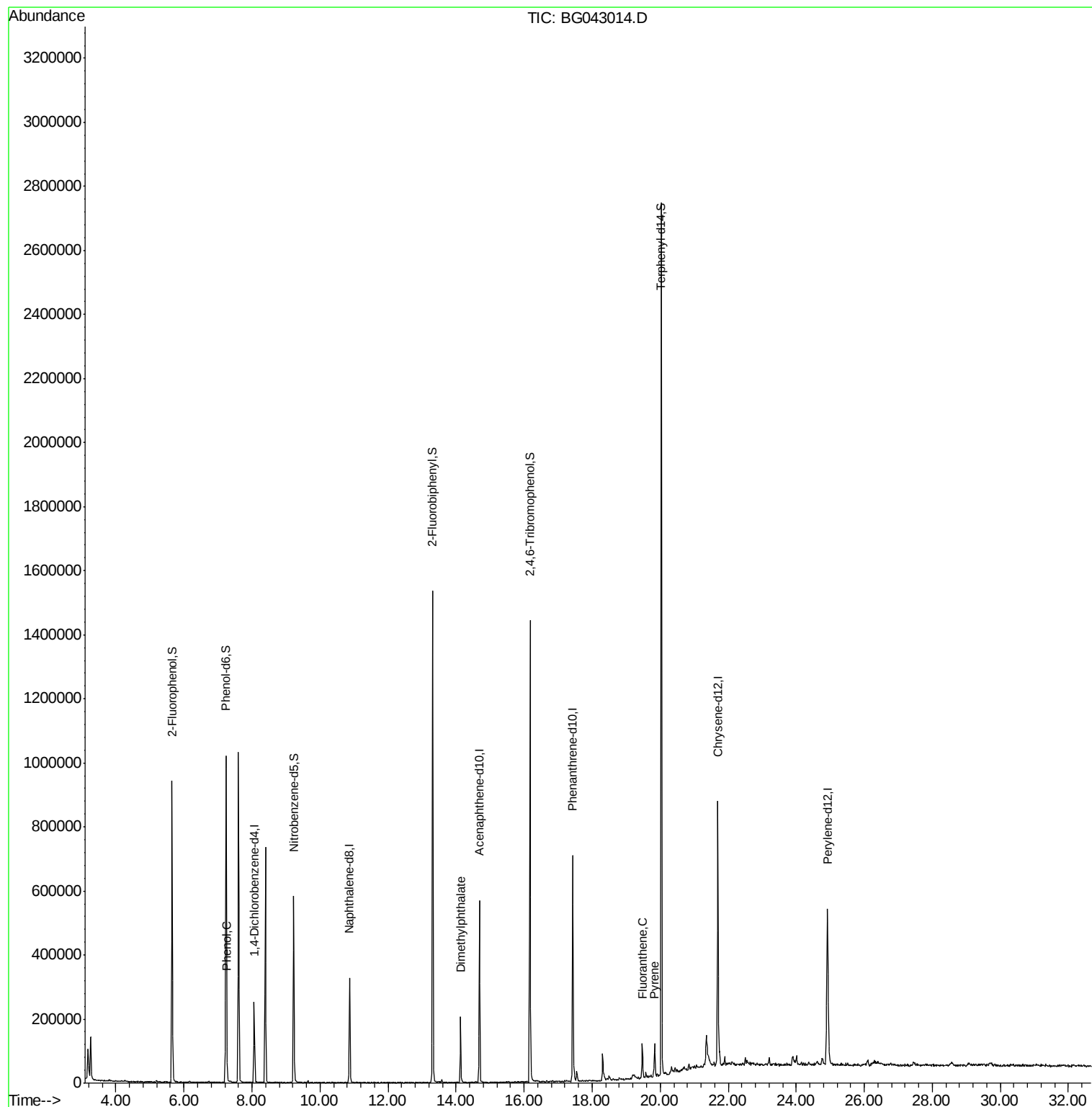
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	76321	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	288882	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	204722	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	465230	20.00	ng	0.00
76) Chrysene-d12	21.70	240	485195	20.00	ng	-0.02
87) Perylene-d12	24.91	264	568894	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	406074	94.95	ng	0.00
7) Phenol-d6	7.24	99	594443	96.52	ng	0.00
23) Nitrobenzene-d5	9.23	82	366978	61.75	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	321461	91.32	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	841142	59.56	ng	-0.01
79) Terphenyl-d14	20.03	244	1399507	61.46	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	22573	3.995	ng	92
50) Dimethylphthalate	14.13	163	136755	8.915	ng	98
75) Fluoranthene	19.47	202	70888	2.360	ng	95
78) Pyrene	19.84	202	69456	2.398	ng	97

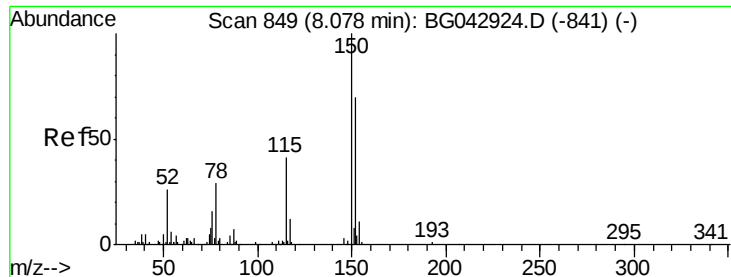
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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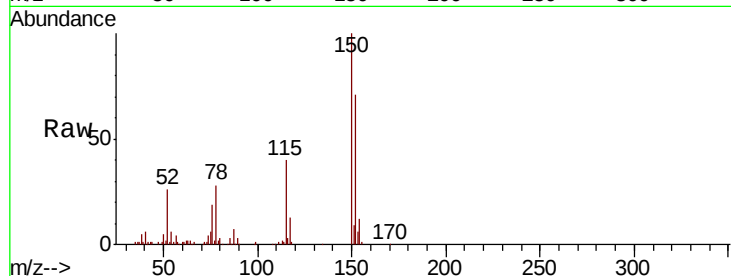


#1

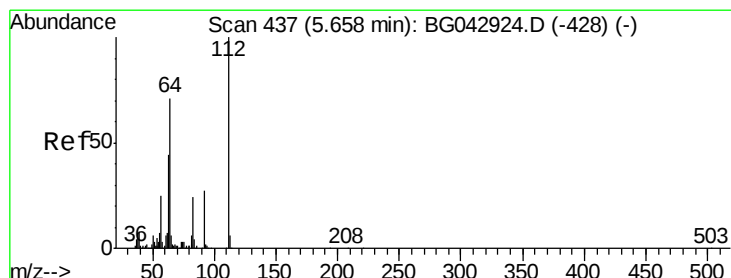
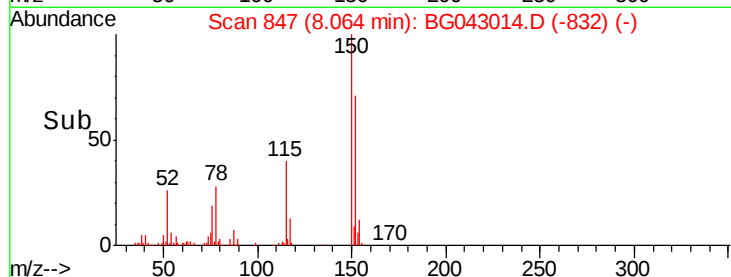
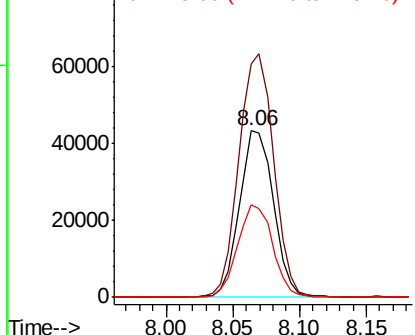
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

Tot Ion:152 Resp: 76321
Ion Ratio Lower Upper
152 100
150 140.5 115.0 172.4
115 55.6 47.0 70.6



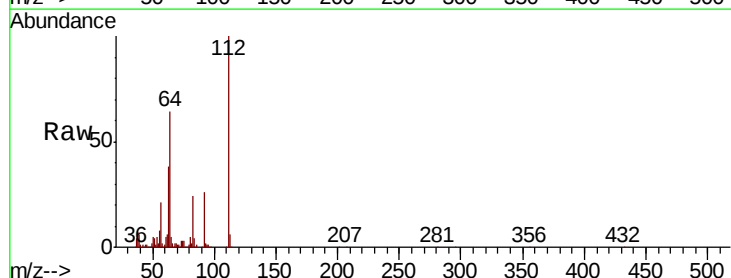
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



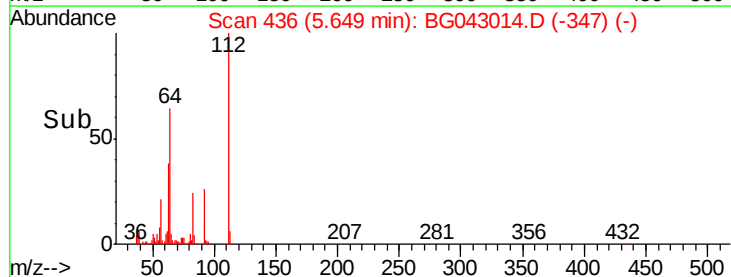
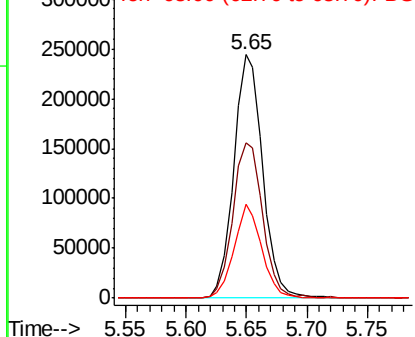
#5

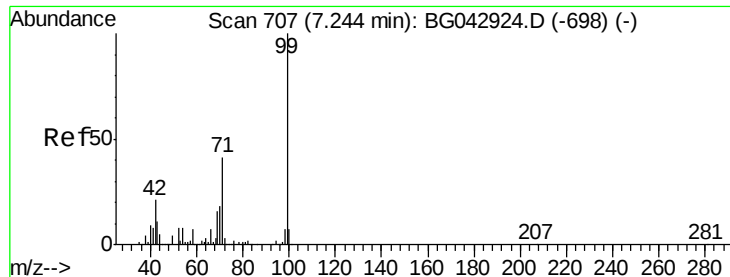
2-Fluorophenol
Concen: 94.953 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion:112 Resp: 406074
Ion Ratio Lower Upper
112 100
64 63.8 56.6 84.8
63 38.4 35.1 52.7



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: 96.523 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043014.D

Acq: 3 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13

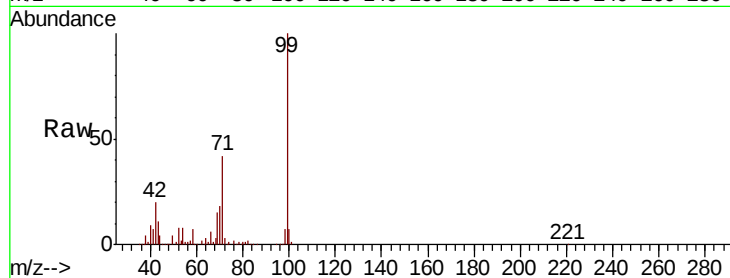
Tot Ion: 99 Resp: 594443

Ion Ratio Lower Upper

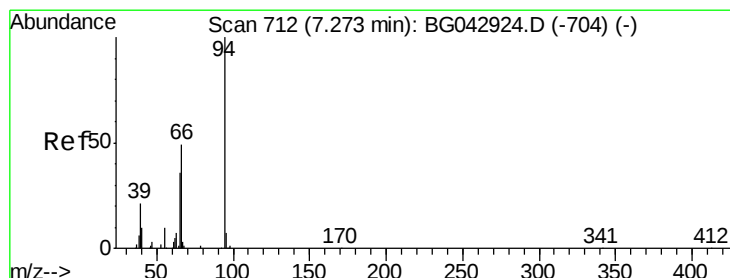
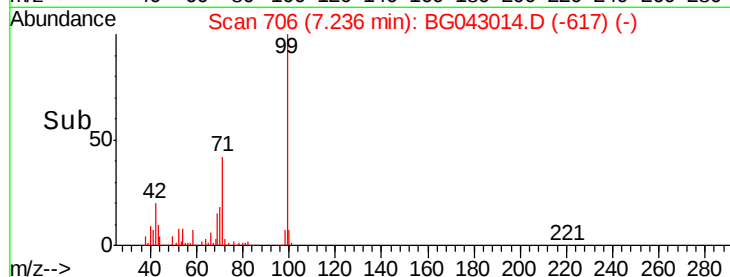
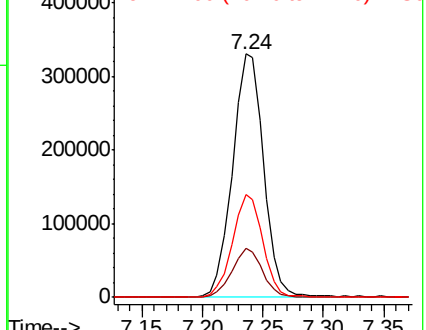
99 100

42 20.0 17.2 25.8

71 42.1 33.1 49.7



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: 3.995 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043014.D

Acq: 3 Oct 2019 16:32

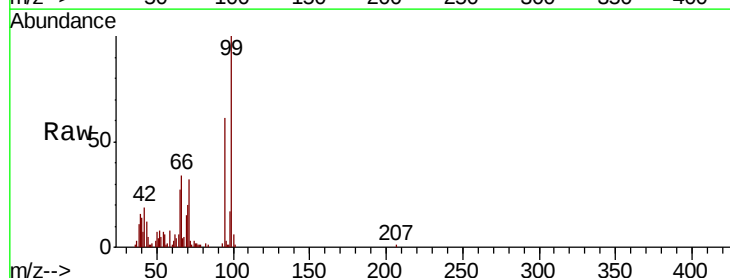
Tgt Ion: 94 Resp: 22573

Ion Ratio Lower Upper

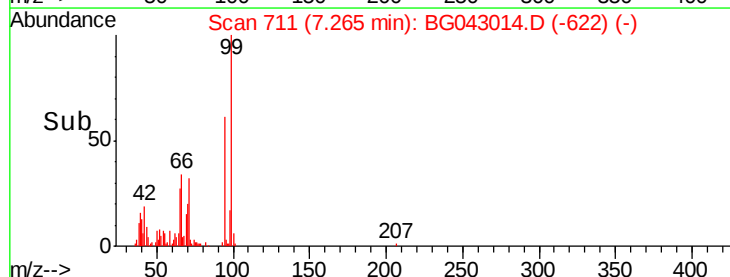
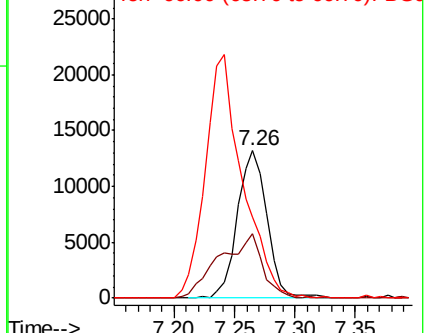
94 100

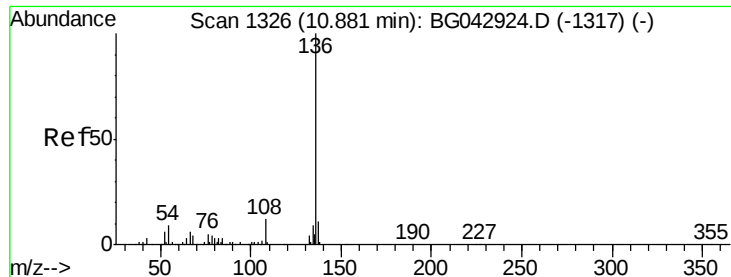
65 43.9 16.6 56.6

66 55.5 32.4 72.4



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

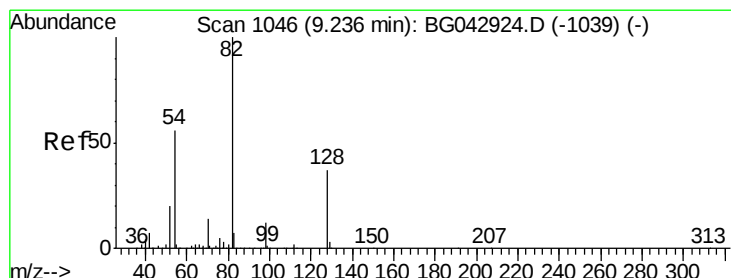
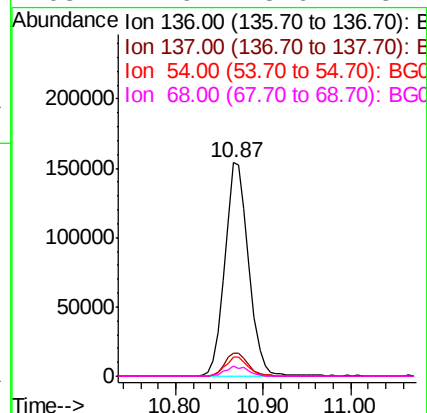
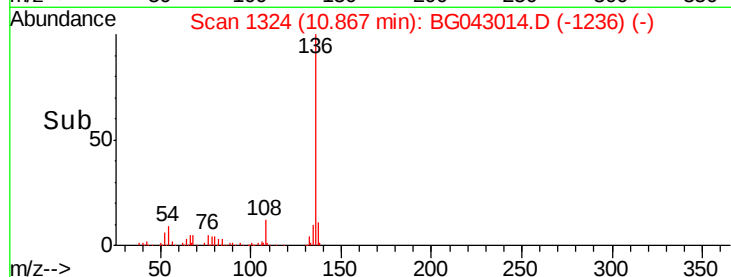
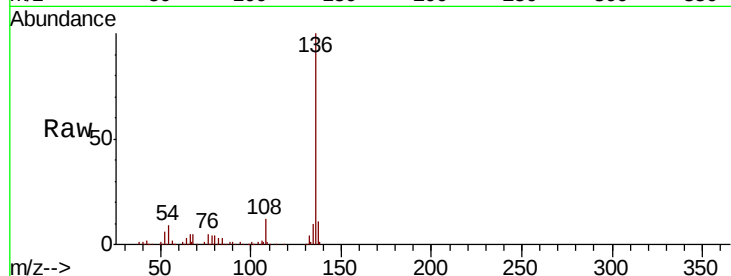




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

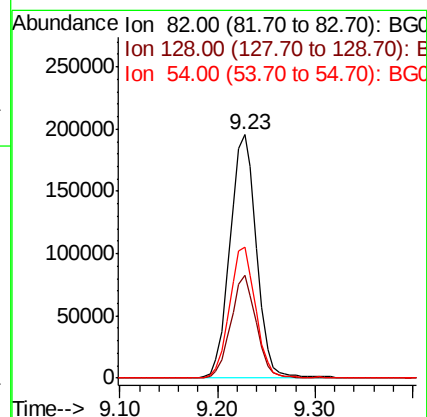
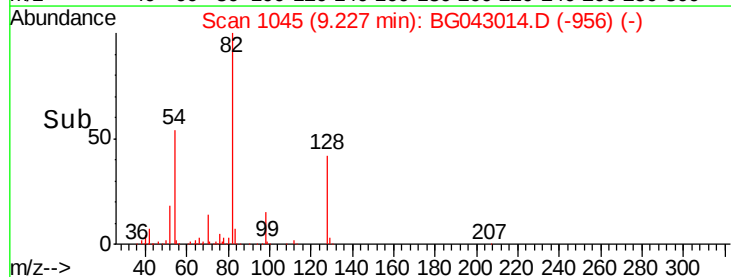
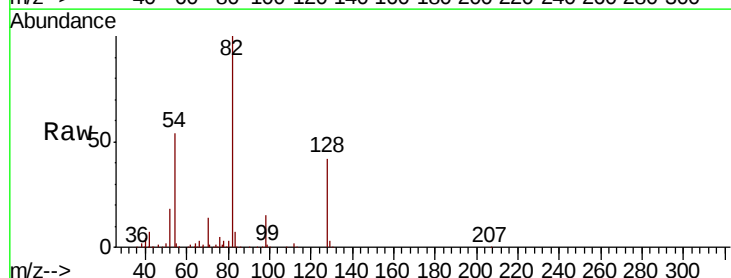
Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

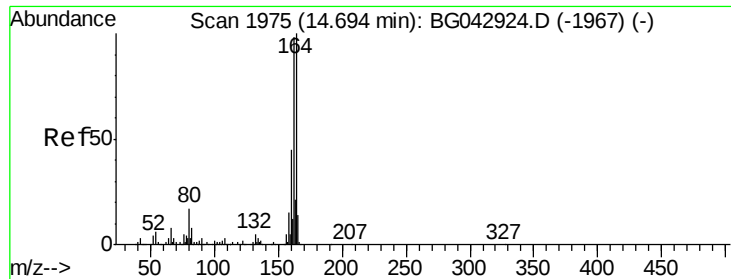
Tot Ion:136	Resp:	288882
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.5 12.7
54	8.9	7.4 11.2
68	4.6	3.6 5.4



#23
Nitrobenzene-d5
Concen: 61.745 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion: 82	Resp:	366978
Ion	Ratio	Lower Upper
82	100	
128	42.1	29.5 44.3
54	53.9	44.6 67.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043014.D

Acq: 3 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13

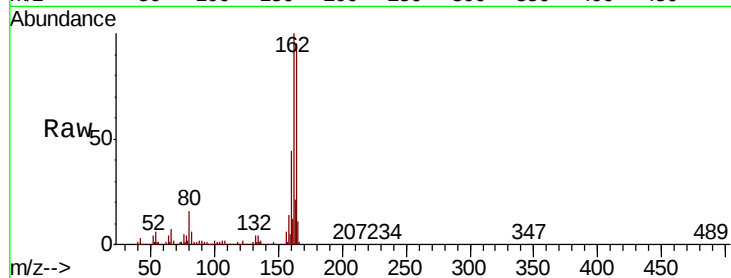
Tot Ion:164 Resp: 204722

Ion Ratio Lower Upper

164 100

162 105.4 78.5 117.7

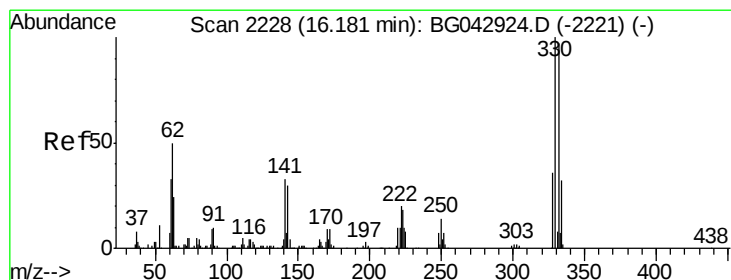
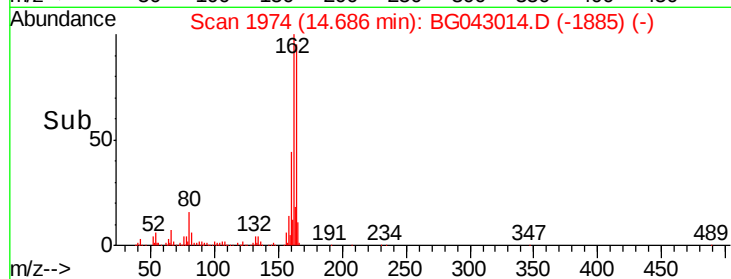
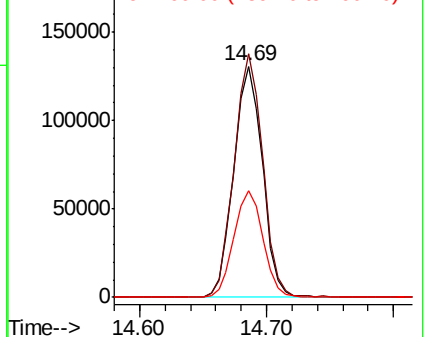
160 46.1 35.9 53.9



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: 91.316 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043014.D

Acq: 3 Oct 2019 16:32

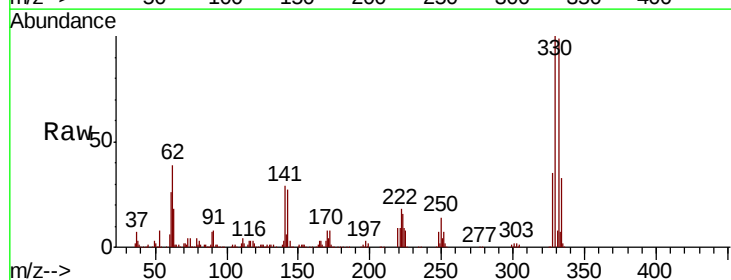
Tgt Ion:330 Resp: 321461

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.2

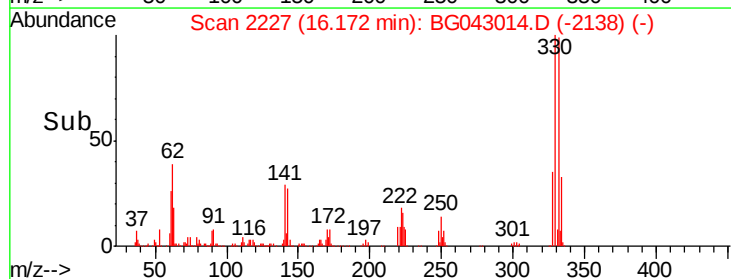
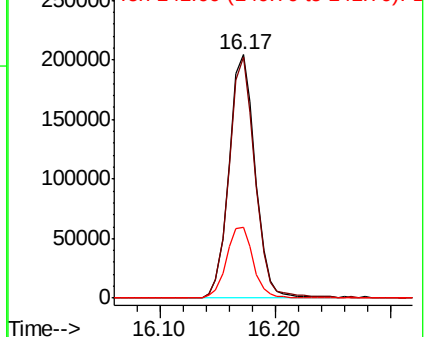
141 30.1 26.0 39.0

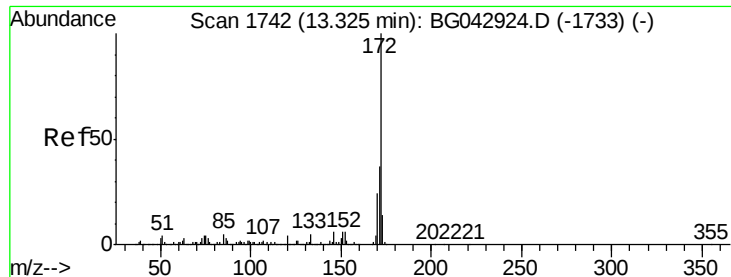


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

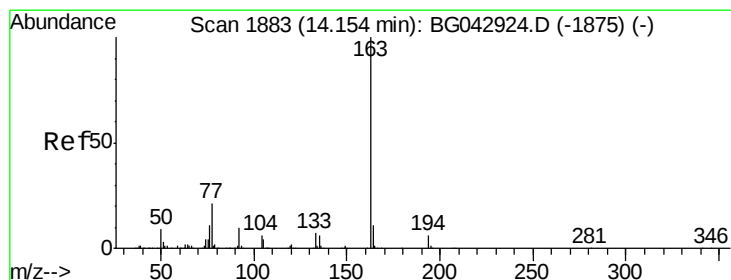
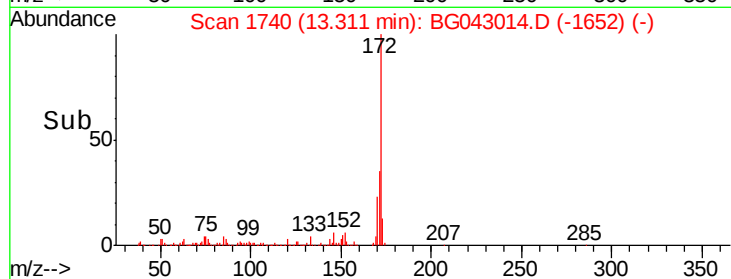
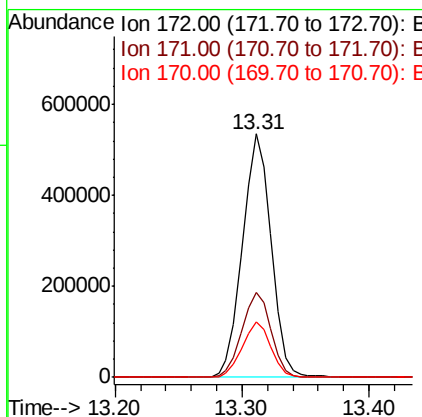
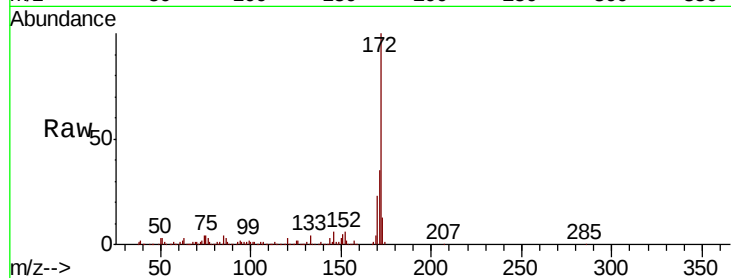




#45
2-Fluorobiphenyl
Concen: 59.564 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

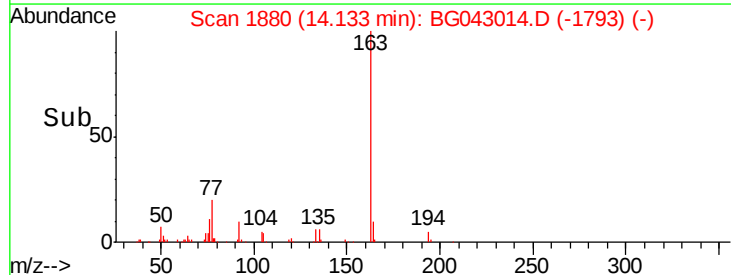
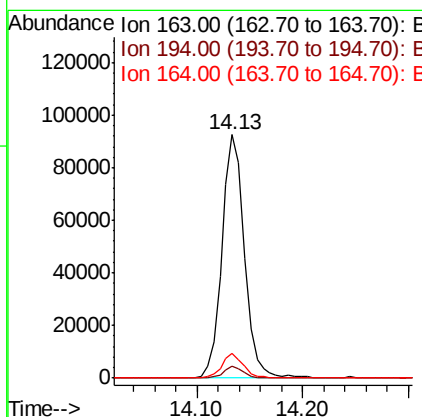
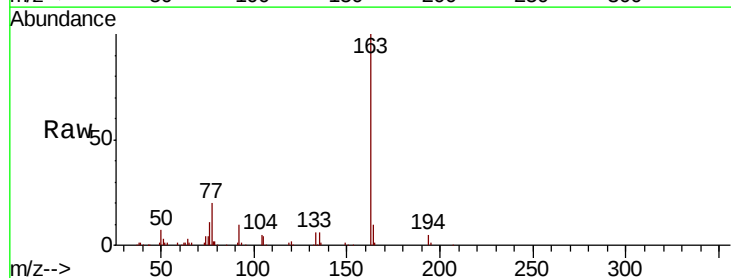
Instrument :
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2019073-SS-COMPOSITE-13

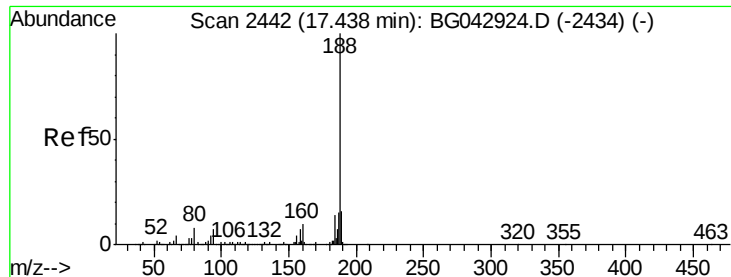
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	22.8	19.6	29.4



#50
Dimethylphthalate
Concen: 8.915 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	10.1	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG043014.D

Acq: 3 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13

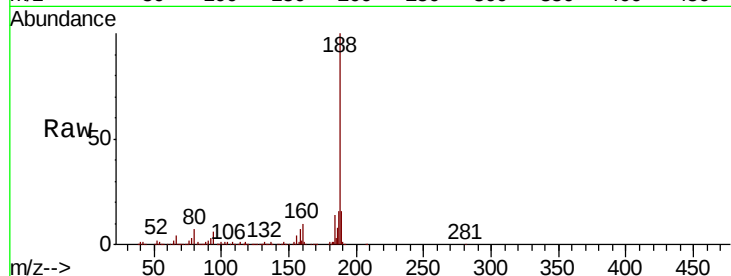
Tot Ion:188 Resp: 465230

Ion Ratio Lower Upper

188 100

94 6.2 5.7 8.5

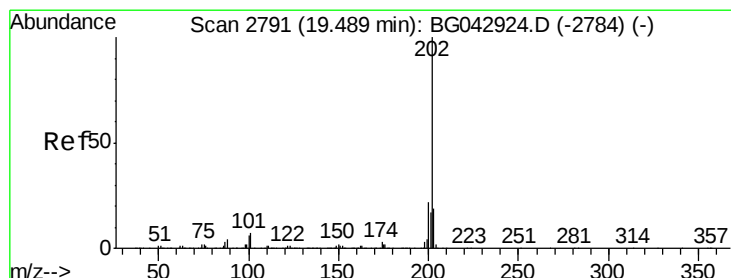
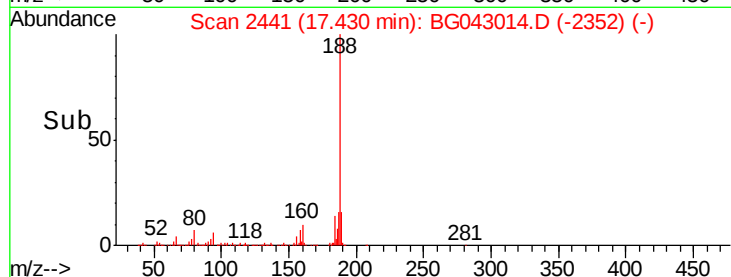
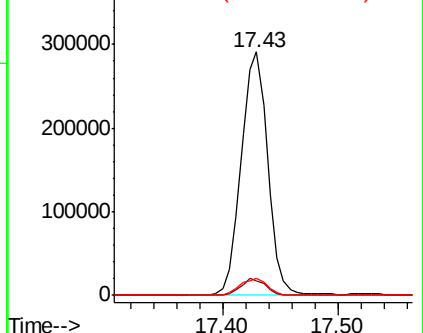
80 6.8 6.5 9.7



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



#75

Fluoranthene

Concen: 2.360 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043014.D

Acq: 3 Oct 2019 16:32

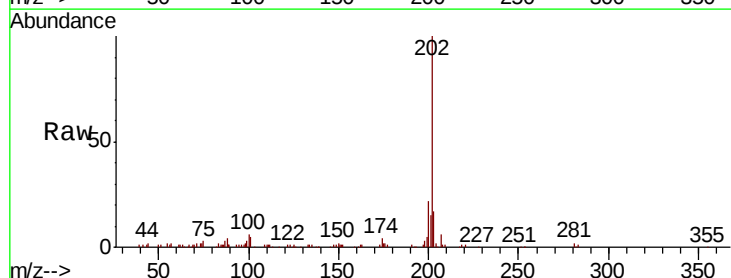
Tgt Ion:202 Resp: 70888

Ion Ratio Lower Upper

202 100

101 5.2 0.0 27.3

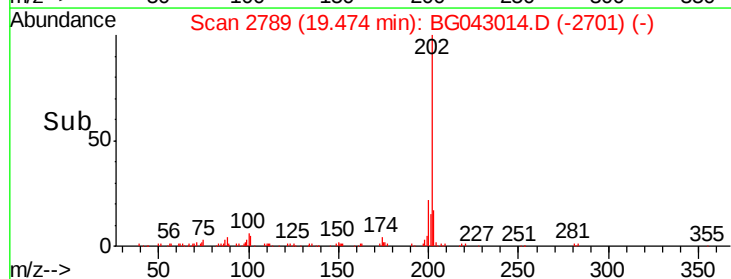
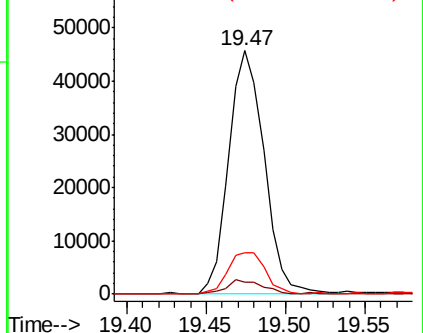
203 17.2 0.0 39.5

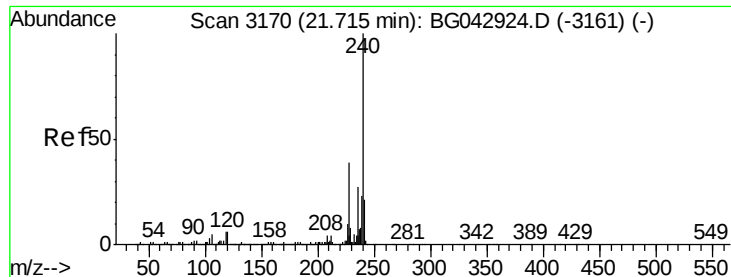


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043014.D

Acq: 3 Oct 2019 16:32

Instrument :

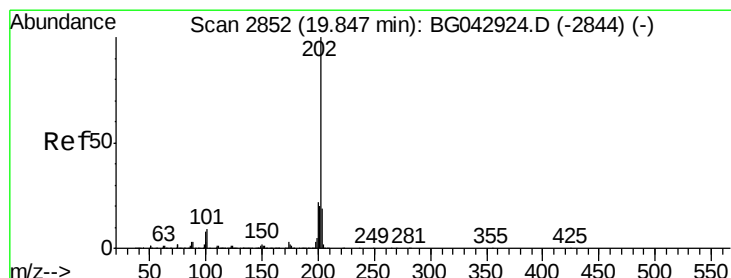
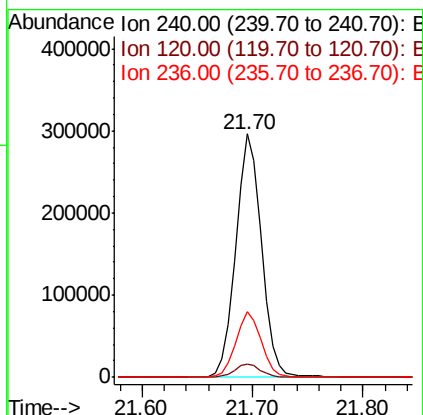
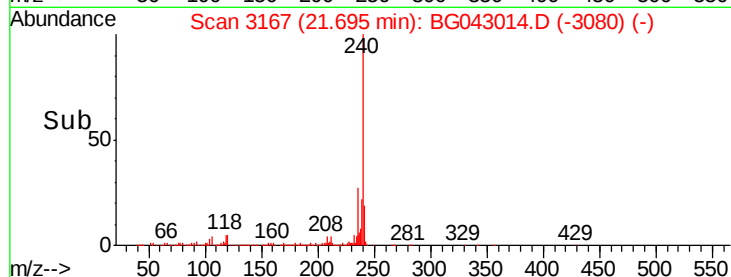
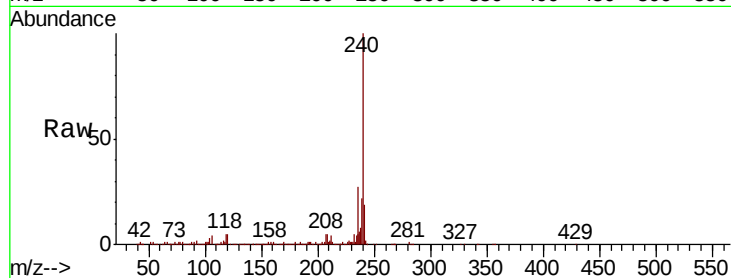
BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13

Tot Ion:240 Resp: 485195

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.8	7.2
236	26.9	21.4	32.0



#78

Pyrene

Concen: 2.398 ng

RT: 19.84 min Scan# 2851

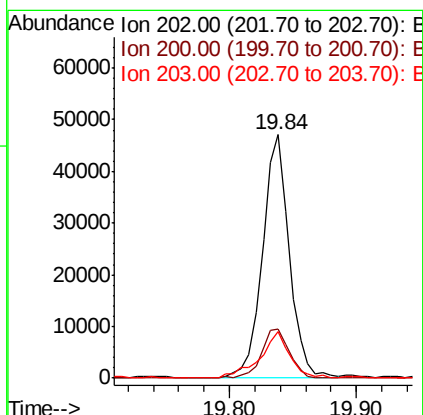
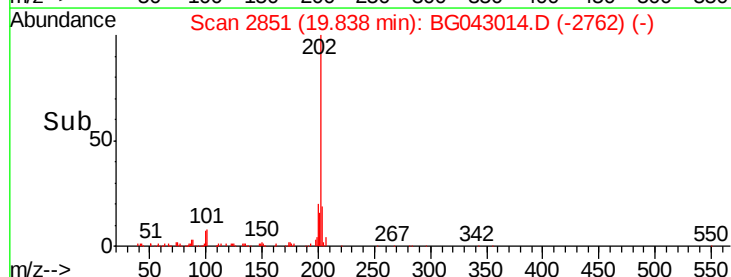
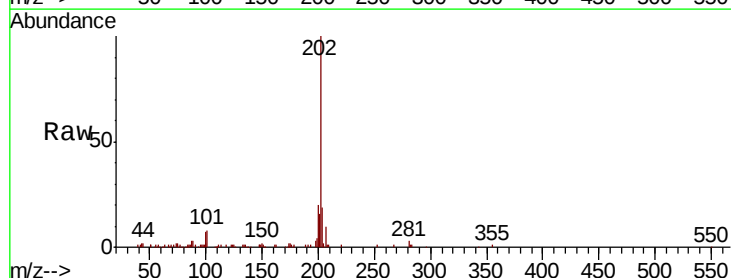
Delta R.T. -0.01 min

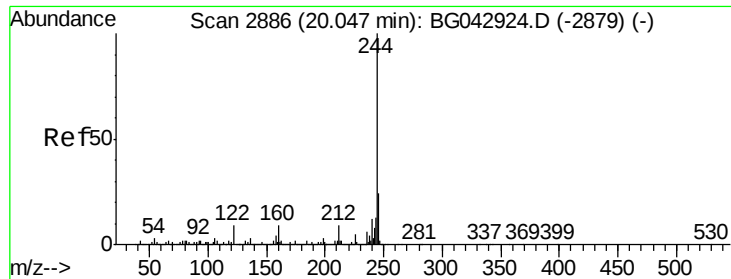
Lab File: BG043014.D

Acq: 3 Oct 2019 16:32

Tgt Ion:202 Resp: 69456

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	19.2	15.2	22.8





#79

Terphenyl-d14

Concen: 61.464 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043014.D

Acq: 3 Oct 2019 16:32

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13

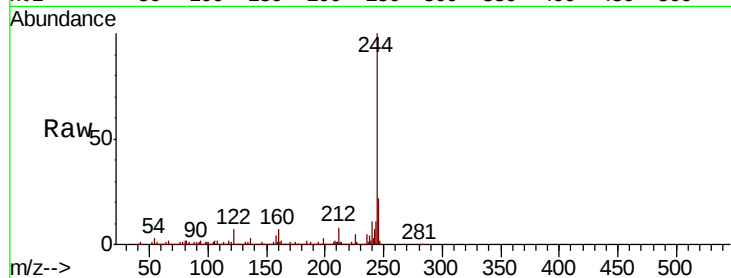
Tot Ion:244 Resp: 1399507

Ion Ratio Lower Upper

244 100

212 7.8 7.4 11.0

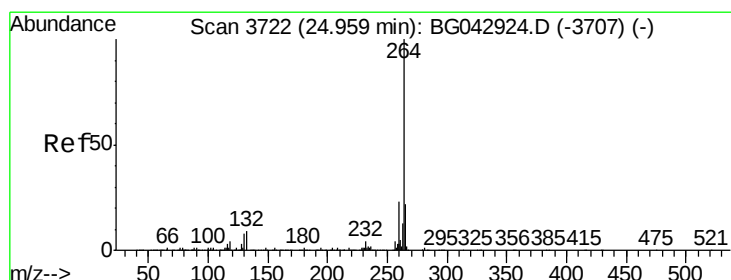
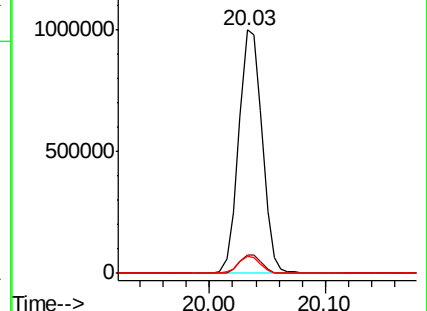
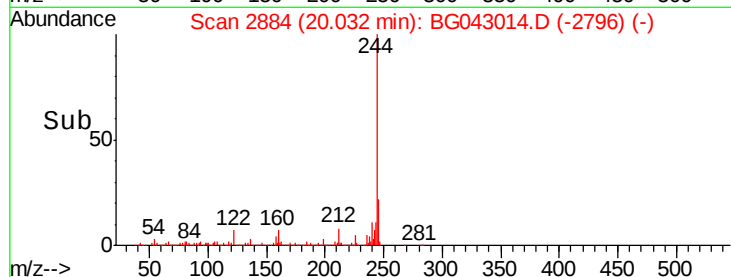
122 7.2 7.0 10.4



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: 24.91 min Scan# 3715

Delta R.T. -0.04 min

Lab File: BG043014.D

Acq: 3 Oct 2019 16:32

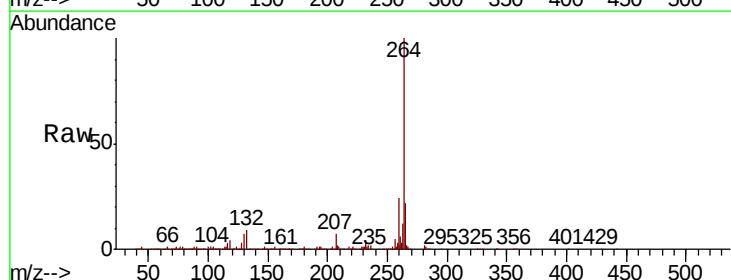
Tgt Ion:264 Resp: 568894

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.2 17.7 26.5



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

