

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044190.D
 Acq On : 24 Jan 2020 20:23
 Operator : CG/JU
 Sample : L1247-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-6-COMP

Quant Time: Jan 27 04:47:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

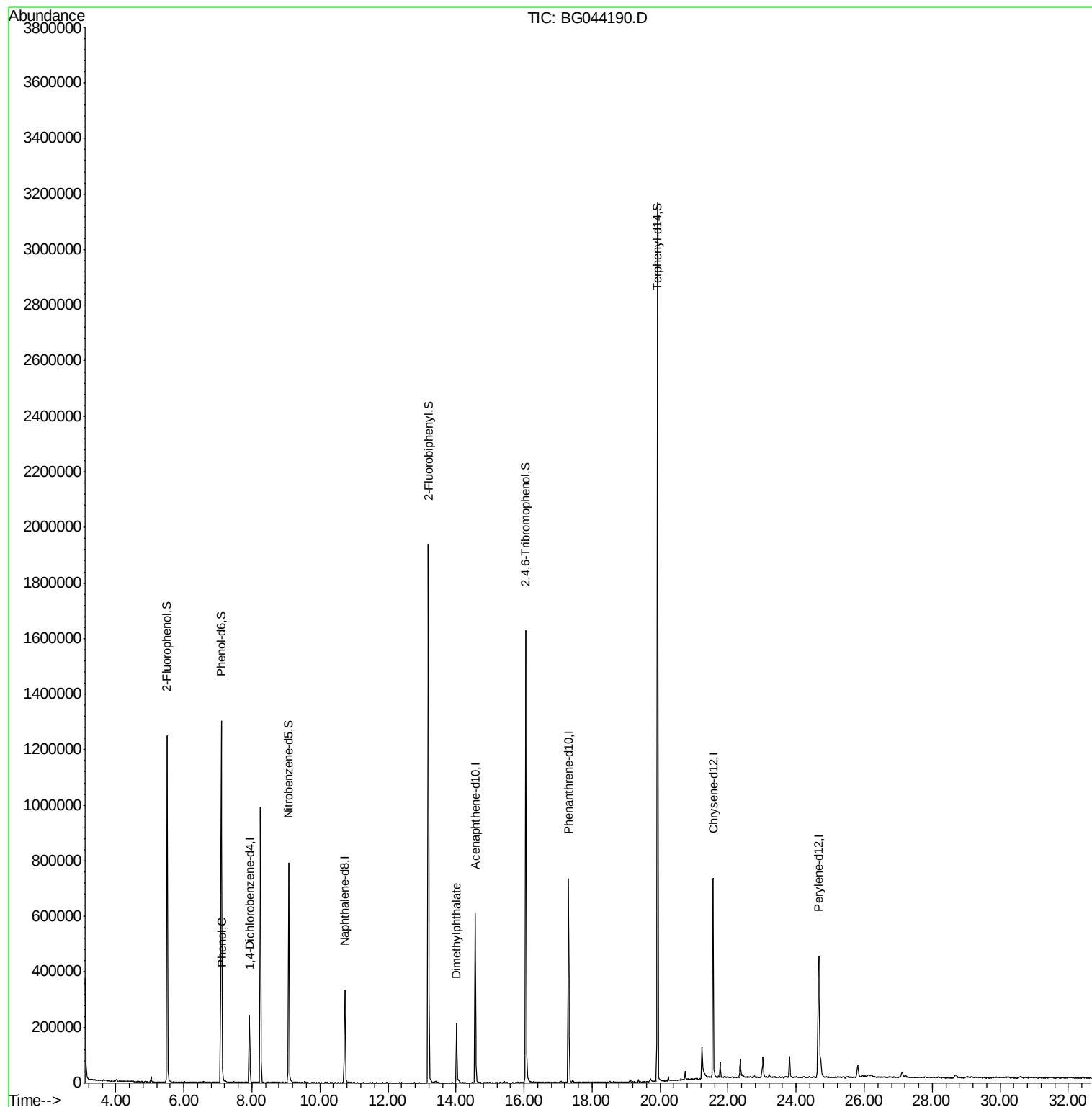
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73417	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	328501	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	227888	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	490872	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	421970	20.00	ng	-0.04
87) Perylene-d12	24.66	264	470123	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	608615	152.21	ng	-0.03
7) Phenol-d6	7.10	99	823739	147.38	ng	-0.03
23) Nitrobenzene-d5	9.08	82	508422	82.80	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	309830	129.92	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1089762	86.64	ng	-0.03
79) Terphenyl-d14	19.92	244	1493329	85.44	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	33801	5.870	ng	Qvalue 96
50) Dimethylphthalate	14.02	163	184818	11.422	ng	# 95

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

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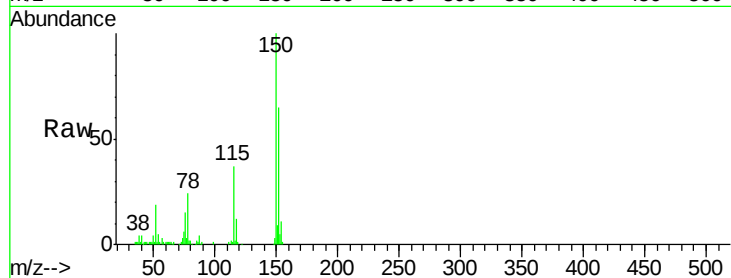


#1

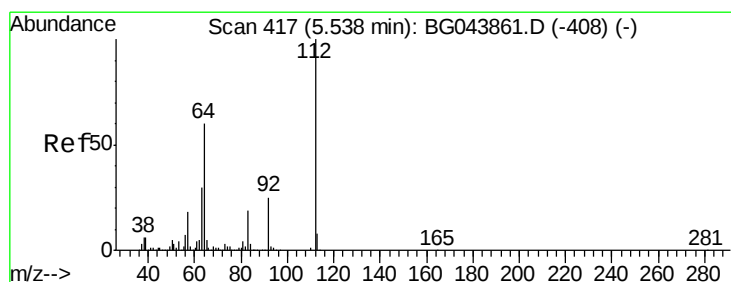
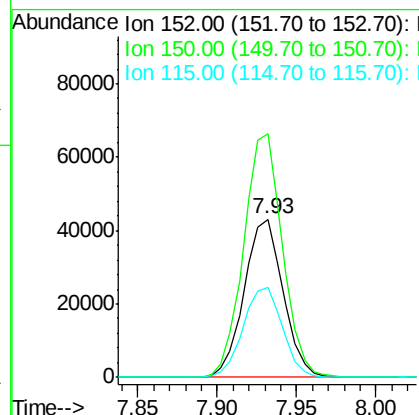
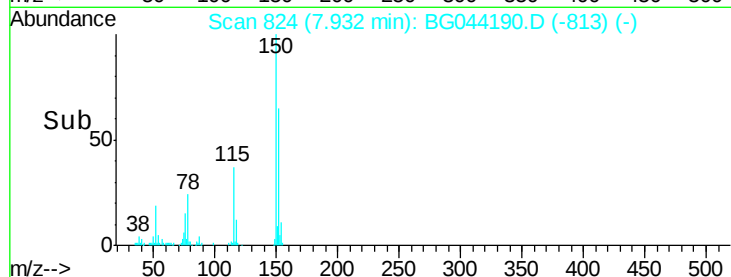
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044190.D
Acq: 24 Jan 2020 20:23

Instrument :
BNA_G
ClientSampleId :
TP-7-6-COMP

Tot Ion:152 Resp: 73417
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.4
115 56.8 47.8 71.8



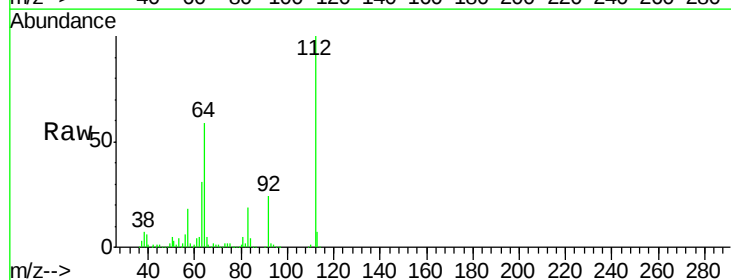
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



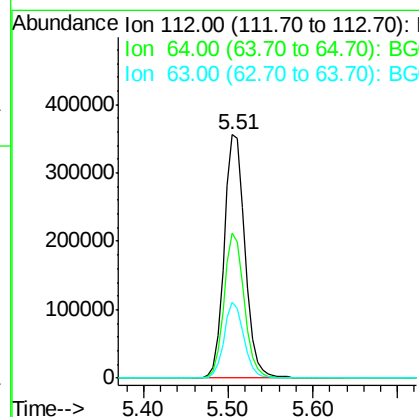
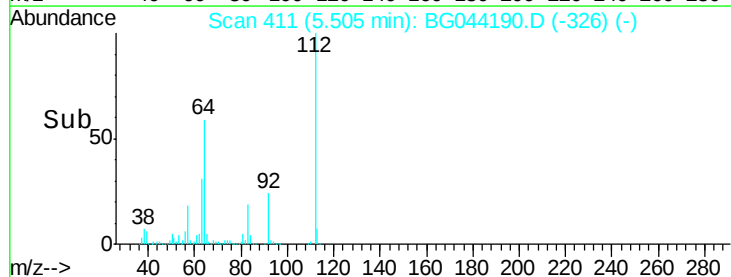
#5

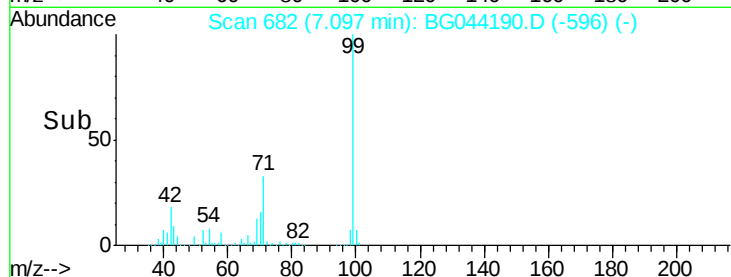
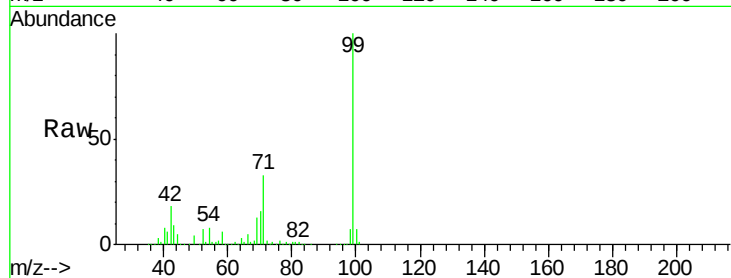
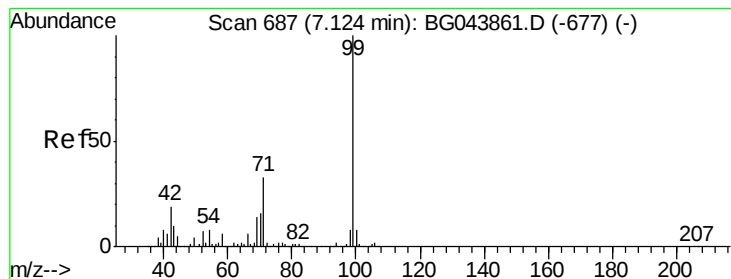
2-Fluorophenol
Concen: 152.211 ng
RT: 5.51 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044190.D
Acq: 24 Jan 2020 20:23

Tgt Ion:112 Resp: 608615
Ion Ratio Lower Upper
112 100
64 59.4 47.8 71.6
63 31.0 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 147.382 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

Instrument :

BNA_G

ClientSampleId :

TP-7-6-COMP

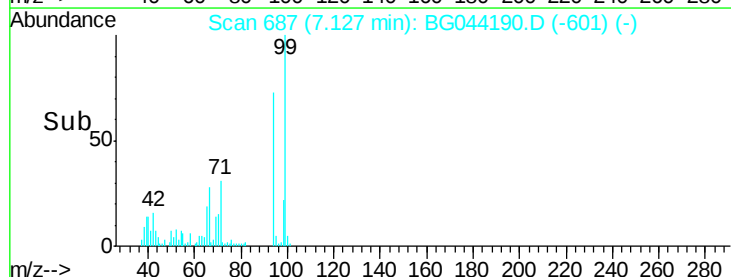
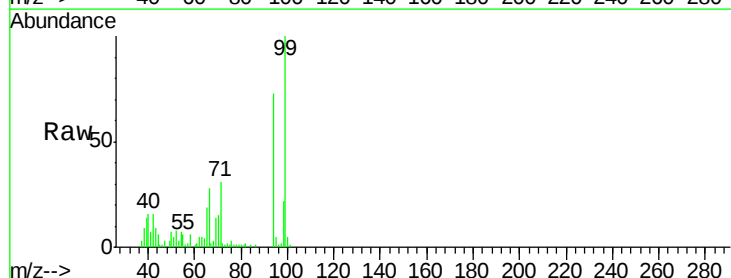
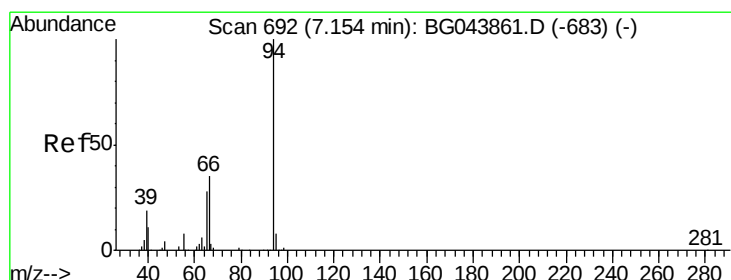
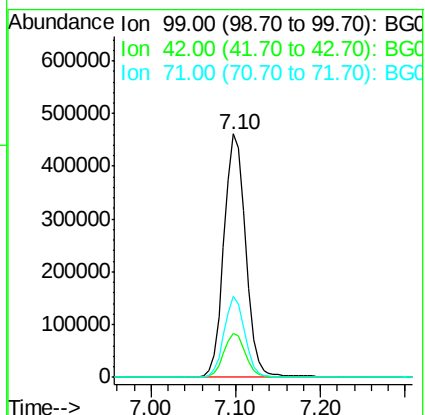
Tot Ion: 99 Resp: 823739

Ion Ratio Lower Upper

99 100

42 18.3 14.9 22.3

71 33.2 26.4 39.6



#10

Phenol

Concen: 5.870 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

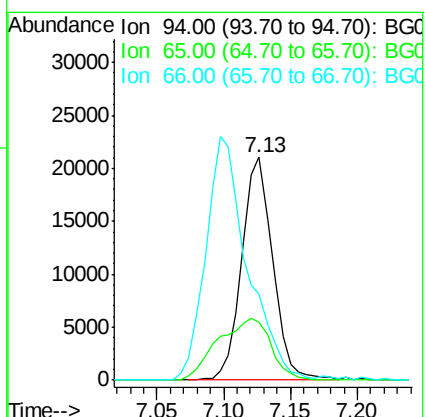
Tgt Ion: 94 Resp: 33801

Ion Ratio Lower Upper

94 100

65 26.2 8.1 48.1

66 38.5 15.6 55.6

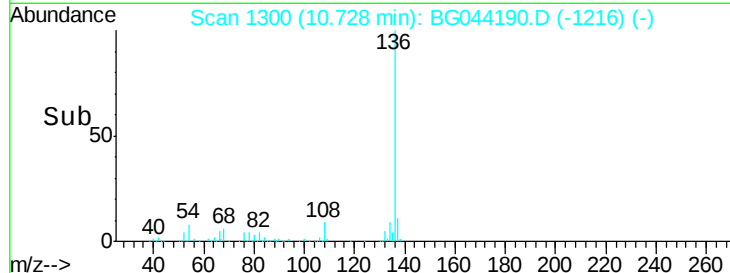
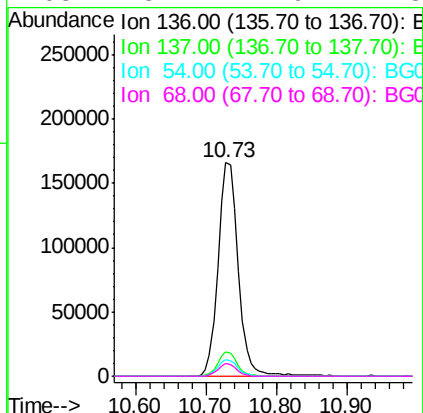
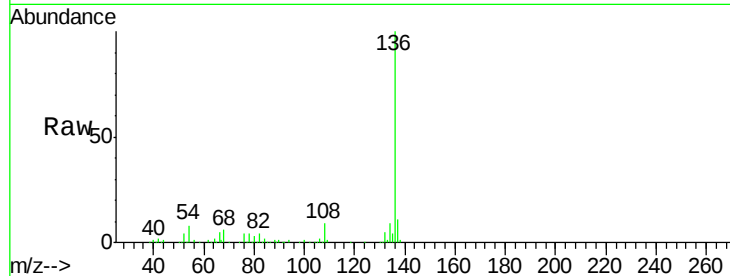




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044190.D
Acq: 24 Jan 2020 20:23

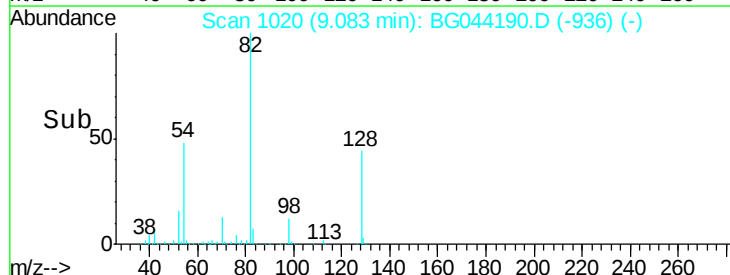
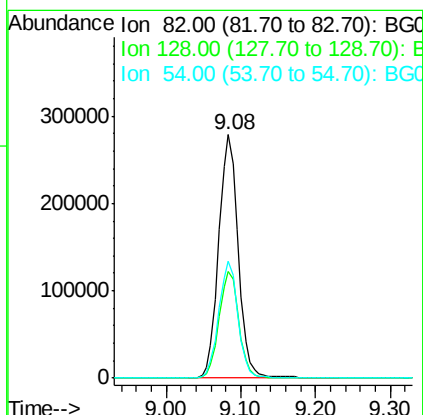
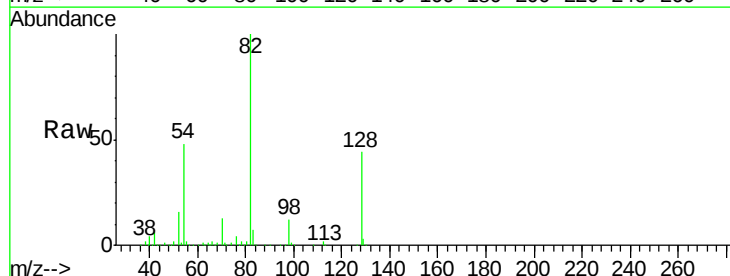
Instrument :
BNA_G
ClientSampleId :
TP-7-6-COMP

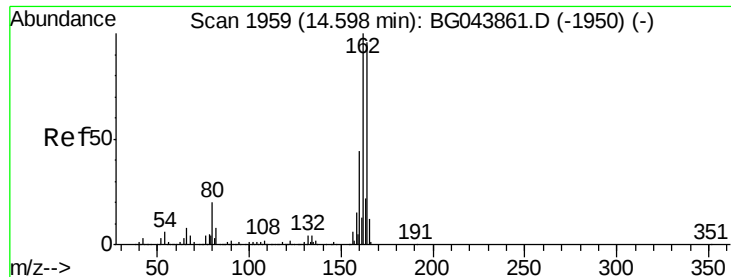
Tot Ion:136	Resp:	328501	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.8	13.2	
54 7.6	7.0	10.4	
68 5.7	4.9	7.3	



#23
Nitrobenzene-d5
Concen: 82.796 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044190.D
Acq: 24 Jan 2020 20:23

Tgt	Ion: 82	Resp:	508422
Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.1	52.7
54	47.9	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

Instrument :

BNA_G

ClientSampleId :

TP-7-6-COMP

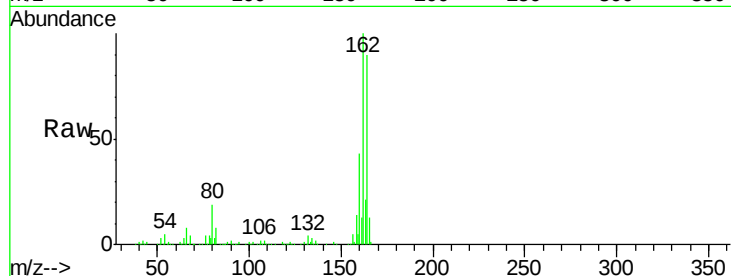
Tot Ion:164 Resp: 227888

Ion Ratio Lower Upper

164 100

162 110.8 83.0 124.4

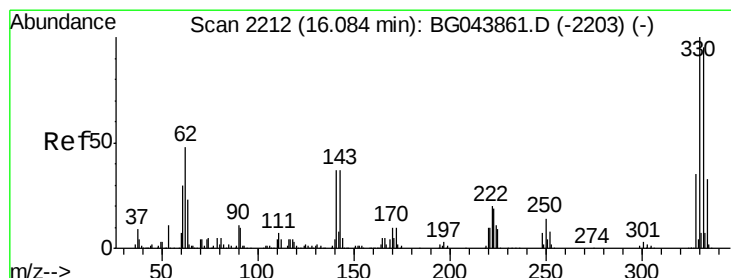
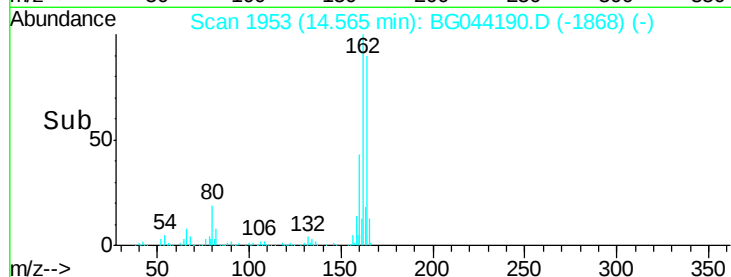
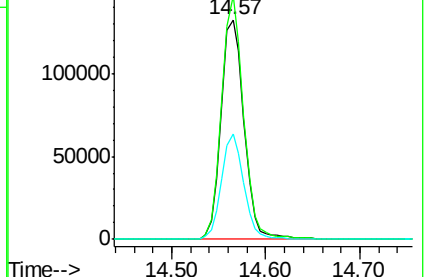
160 47.9 36.1 54.1



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: 129.919 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

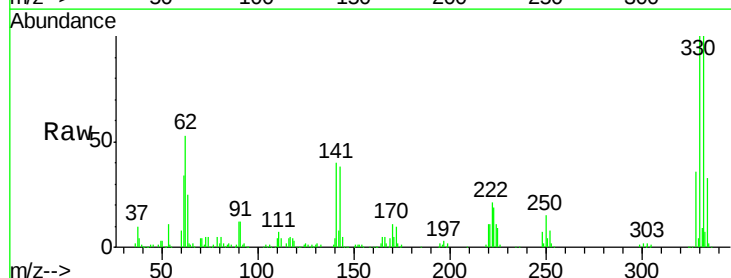
Tgt Ion:330 Resp: 309830

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

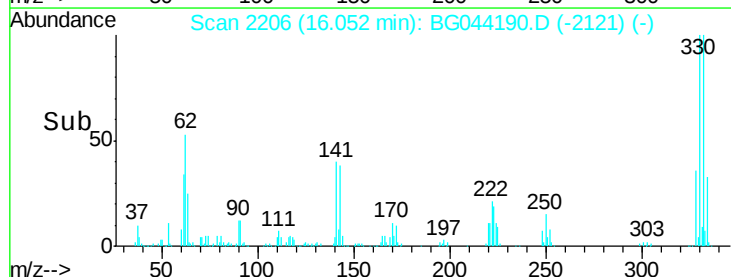
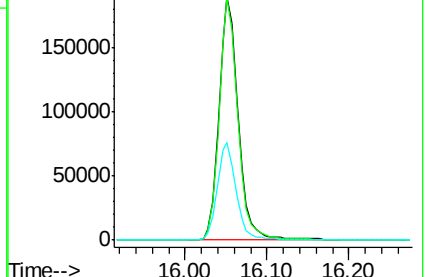
141 39.8 33.1 49.7



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

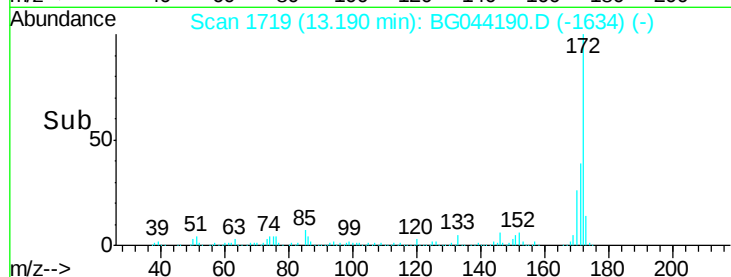
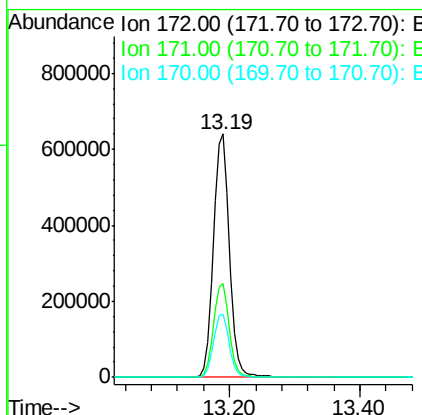
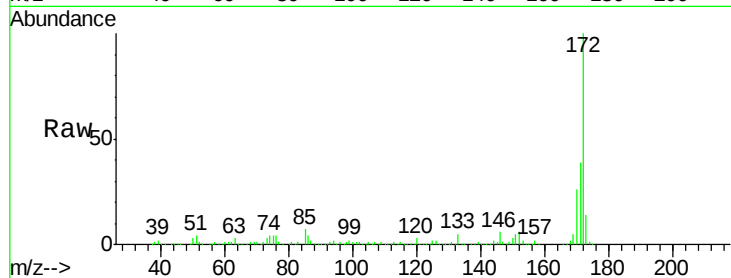




#45
2-Fluorobiphenyl
Concen: 86.639 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044190.D
Acq: 24 Jan 2020 20:23

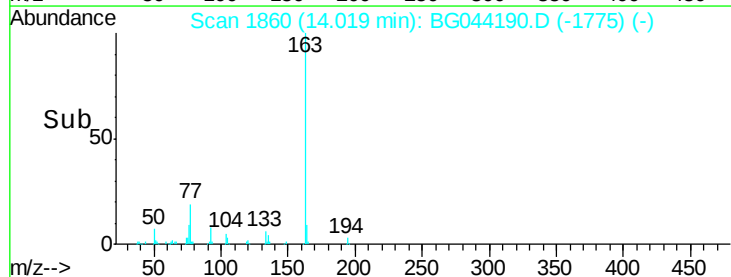
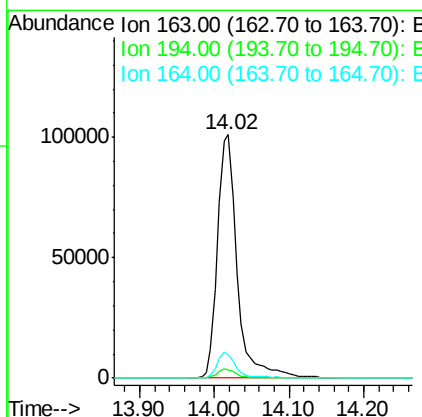
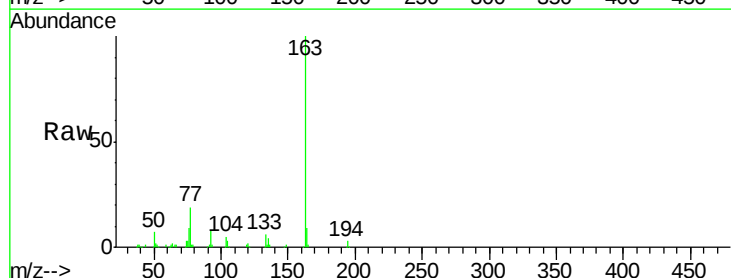
Instrument :
BNA_G
ClientSampleId :
TP-7-6-COMP

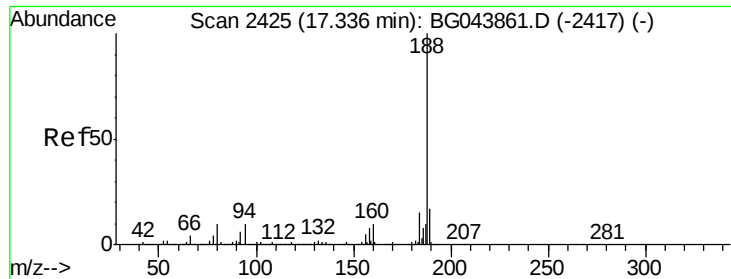
Tot Ion:172 Resp: 1089762
Ion Ratio Lower Upper
172 100
171 38.7 35.8 53.8
170 26.1 24.2 36.4



#50
Dimethylphthalate
Concen: 11.422 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044190.D
Acq: 24 Jan 2020 20:23

Tgt Ion:163 Resp: 184818
Ion Ratio Lower Upper
163 100
194 3.4 3.7 5.5#
164 9.4 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

Instrument :

BNA_G

ClientSampleId :

TP-7-6-COMP

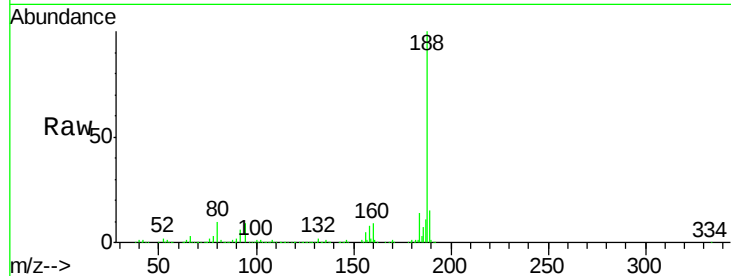
Tot Ion:188 Resp: 490872

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

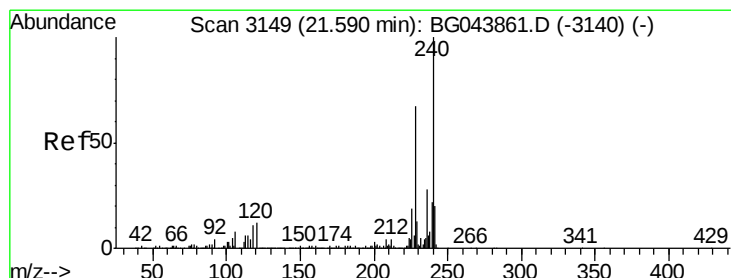
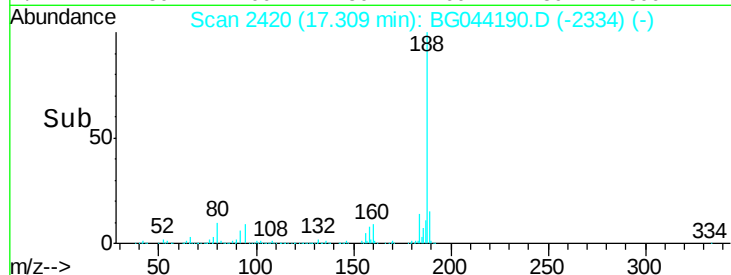
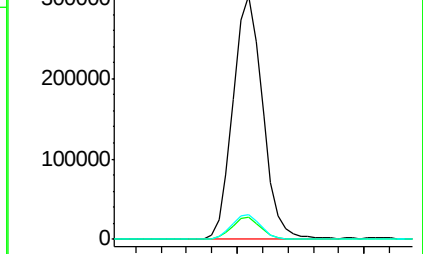
80 10.3 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.04 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

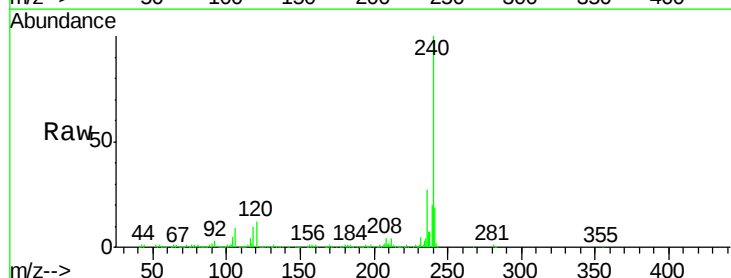
Tgt Ion:240 Resp: 421970

Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

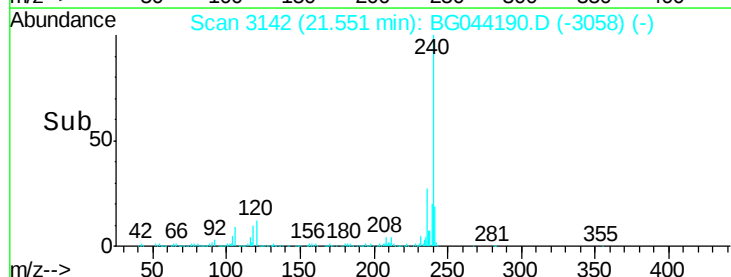
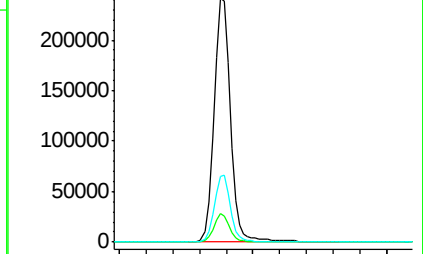
236 27.0 22.2 33.2

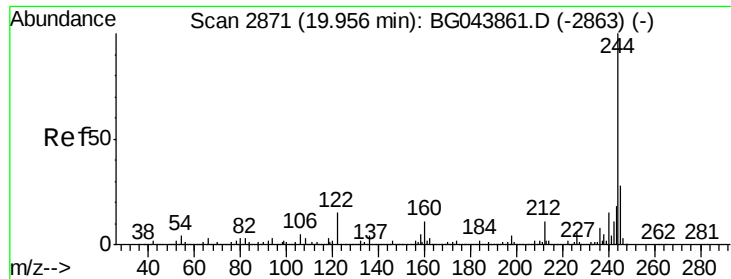


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.444 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044190.D

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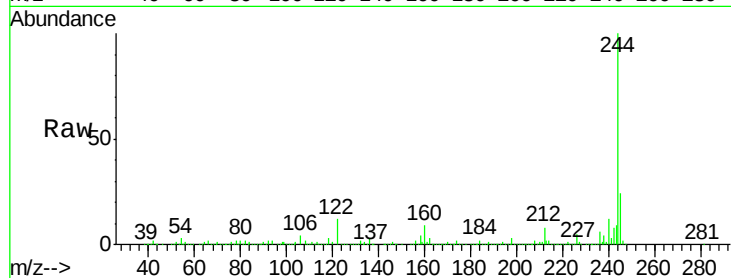
Tot Ion:244 Resp: 1493329

Ion Ratio Lower Upper

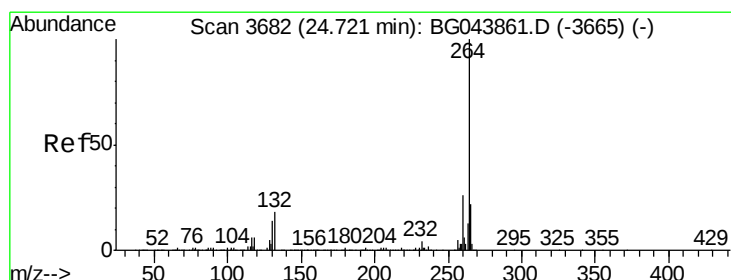
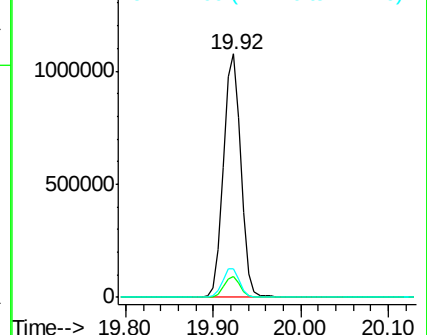
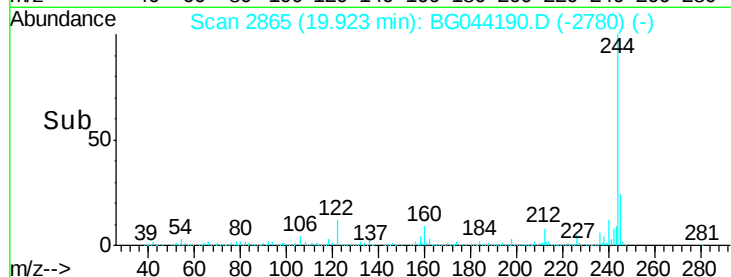
244 100

212 8.5 8.6 13.0#

122 11.7 11.9 17.9#



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: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044190.D

Acq: 24 Jan 2020 20:23

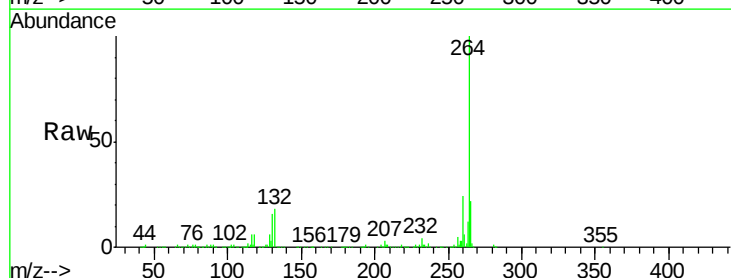
Tgt Ion:264 Resp: 470123

Ion Ratio Lower Upper

264 100

260 23.9 20.4 30.6

265 22.2 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

