

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044447.D
 Acq On : 14 Feb 2020 20:36
 Operator : CG/JU
 Sample : L1511-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAYDOWN-SOFT-AREA

Quant Time: Feb 15 06:03:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

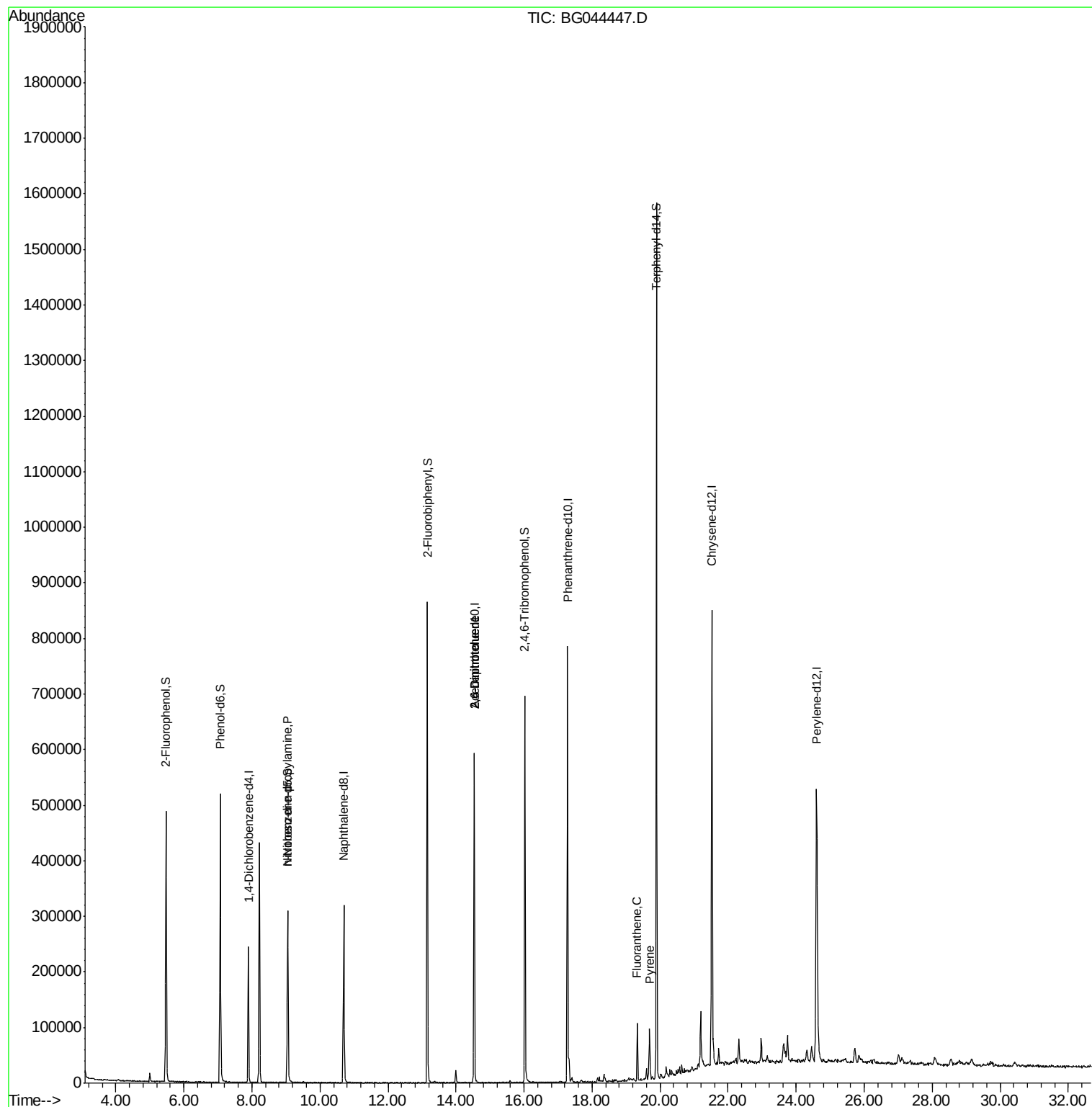
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	73198	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	319911	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	215320	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	502834	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	470251	20.00	ng	-0.02
87) Perylene-d12	24.60	264	497822	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	257571	62.10	ng	-0.01
7) Phenol-d6	7.07	99	348967	62.66	ng	-0.01
23) Nitrobenzene-d5	9.05	82	216538	38.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	145808	57.68	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	498902	38.80	ng	-0.01
79) Terphenyl-d14	19.89	244	782611	34.23	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.05	70	27763	7.480	ng	# 71
51) 2,6-Dinitrotoluene	14.53	165	27957	8.101	ng	# 30
57) 2,4-Dinitrotoluene	14.53	165	27957	5.780	ng	# 27
75) Fluoranthene	19.33	202	65175	2.314	ng	95
78) Pyrene	19.69	202	61028	2.021	ng	95

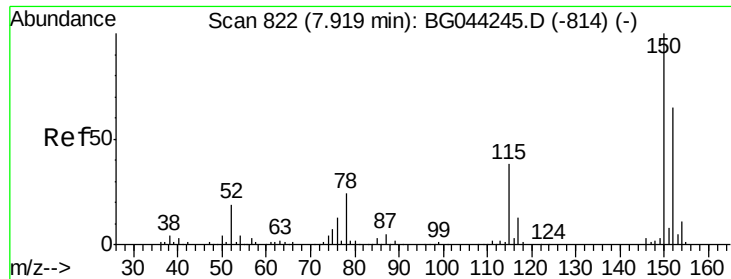
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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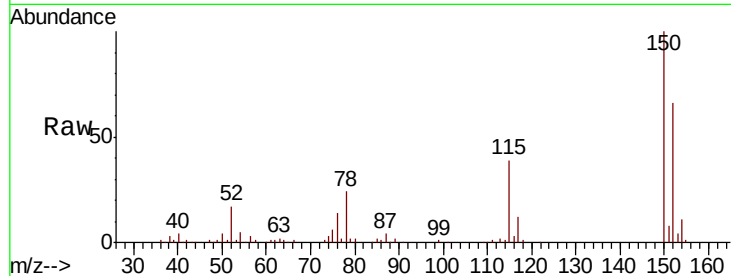


#1

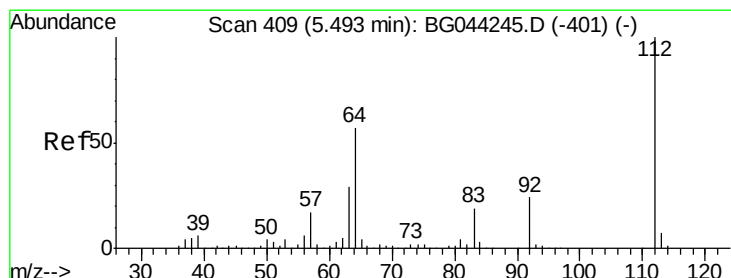
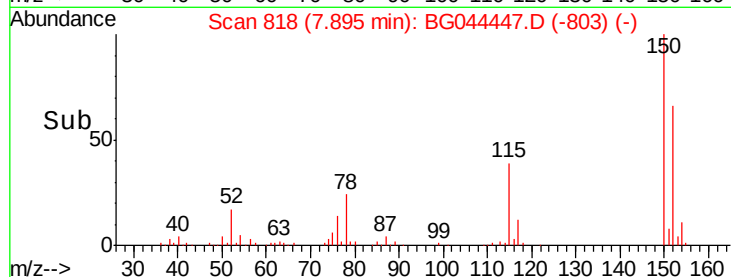
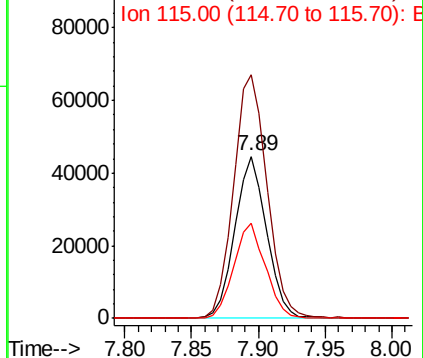
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Instrument :
BNA_G
ClientSampleId :
LAYDOWN-SOFT-AREA

Tot Ion:152 Resp: 73198
Ion Ratio Lower Upper
152 100
150 150.6 122.6 183.8
115 58.5 46.0 69.0



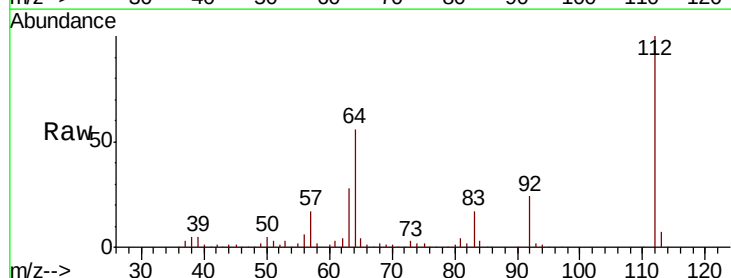
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



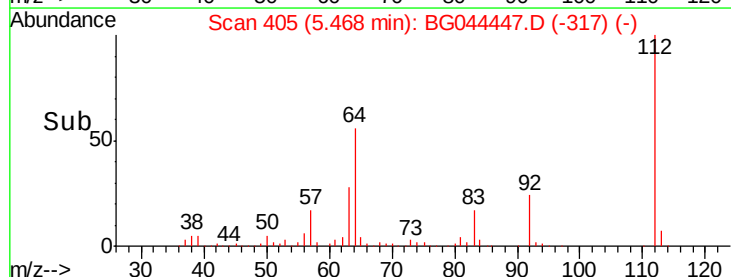
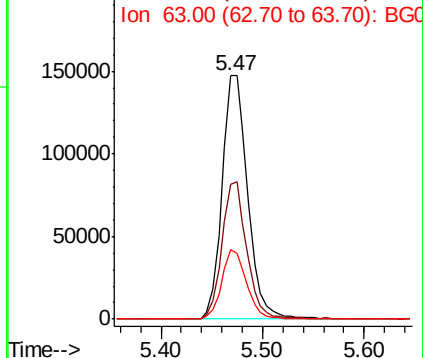
#5

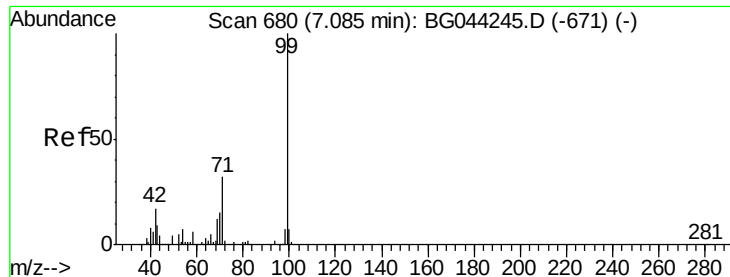
2-Fluorophenol
Concen: 62.102 ng
RT: 5.47 min Scan# 405
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Tgt Ion:112 Resp: 257571
Ion Ratio Lower Upper
112 100
64 55.6 45.4 68.2
63 28.3 22.9 34.3



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: 62.656 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044447.D

Acq: 14 Feb 2020 20:36

Instrument :

BNA_G

ClientSampleId :

LAYDOWN-SOFT-AREA

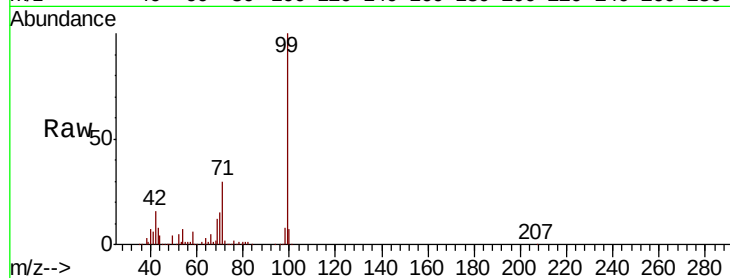
Tot Ion: 99 Resp: 348967

Ion Ratio Lower Upper

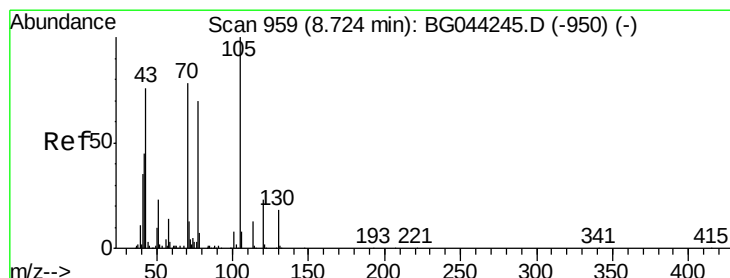
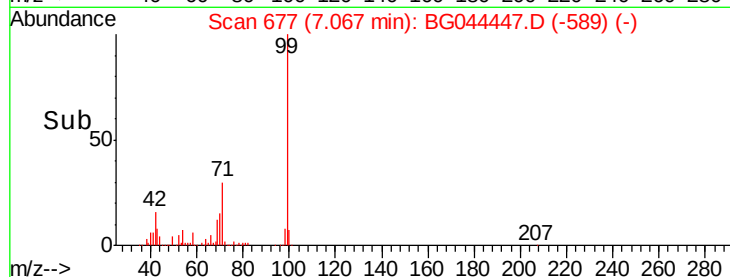
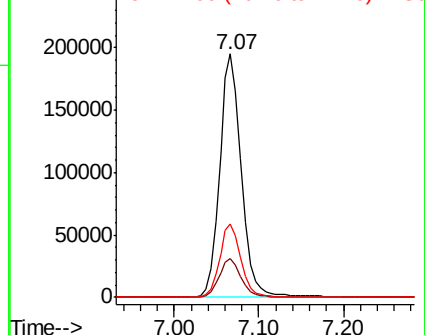
99 100

42 16.2 13.8 20.6

71 30.2 25.5 38.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.480 ng

RT: 9.05 min Scan# 1015

Delta R.T. 0.34 min

Lab File: BG044447.D

Acq: 14 Feb 2020 20:36

Tgt Ion: 70 Resp: 27763

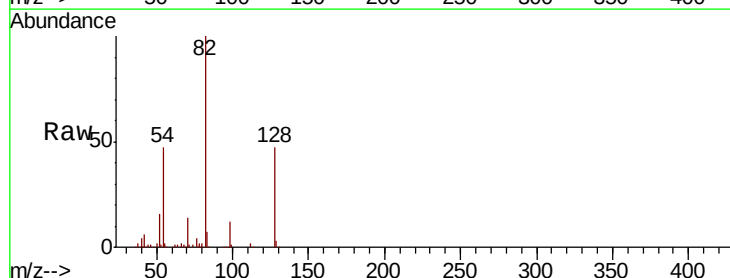
Ion Ratio Lower Upper

70 100

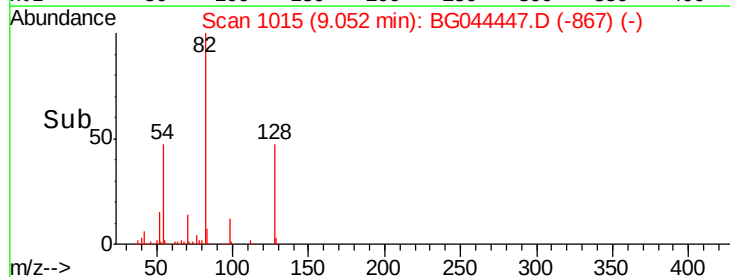
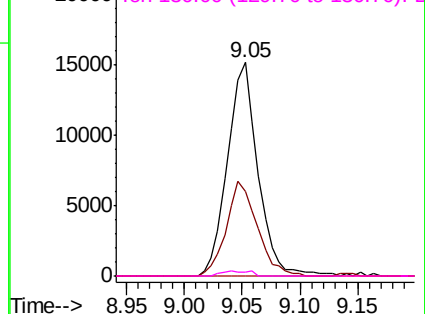
42 39.6 46.2 69.2#

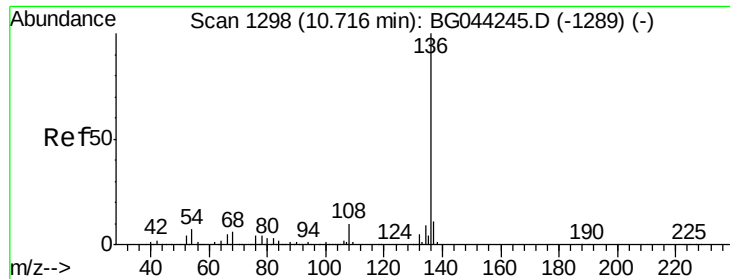
101 0.0 8.4 12.6#

130 1.9 17.8 26.8#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

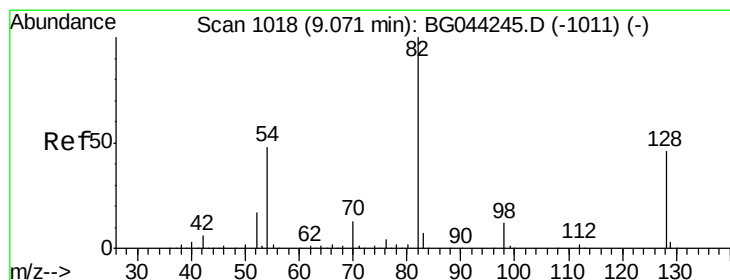
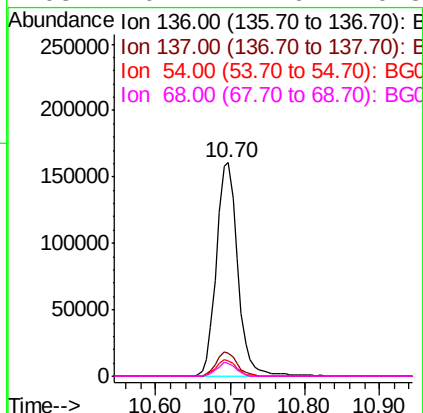
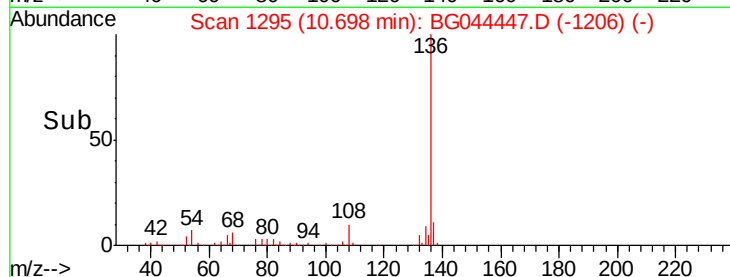
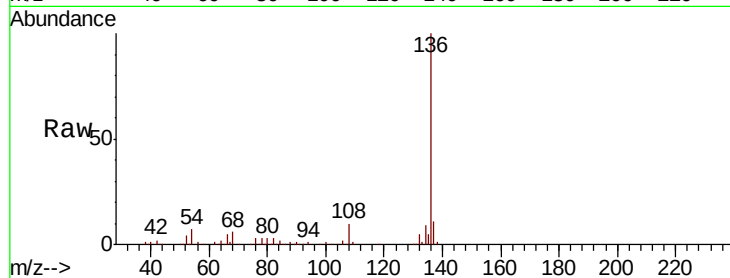




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

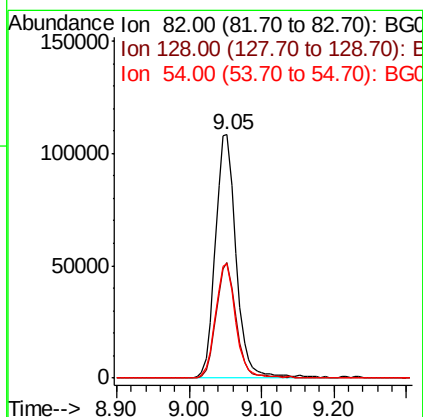
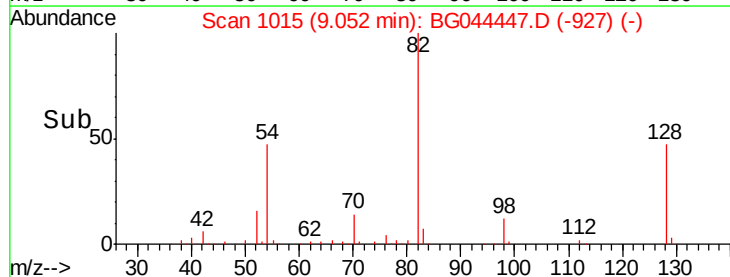
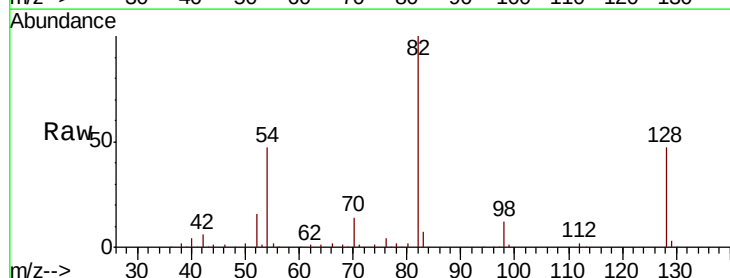
Instrument :
BNA_G
ClientSampleId :
LAYDOWN-SOFT-AREA

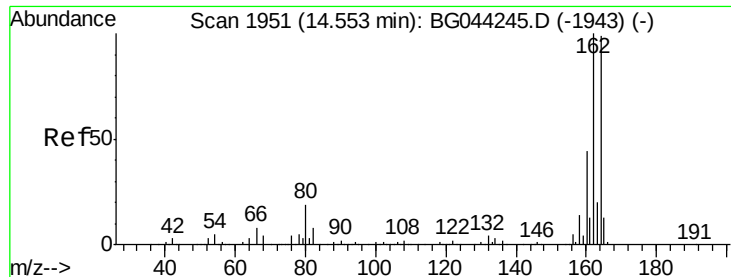
Tot Ion:136	Resp:	319911
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 7.4	5.8	8.8
68 6.2	4.6	6.8



#23
Nitrobenzene-d5
Concen: 38.214 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Tgt	Ion: 82	Resp:	216538
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.5	54.7
54	47.1	38.6	58.0

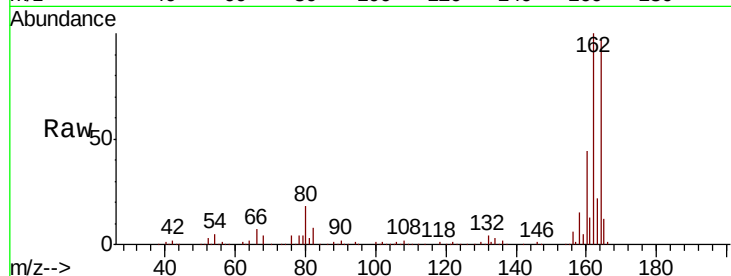




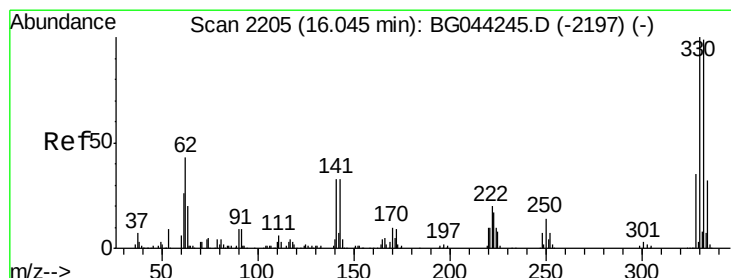
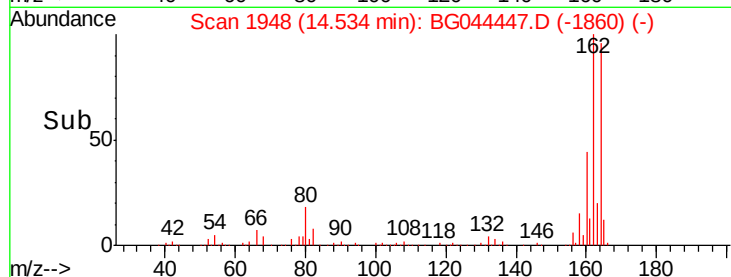
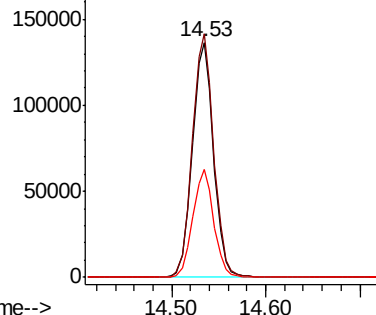
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Instrument :
BNA_G
ClientSampleId :
LAYDOWN-SOFT-AREA

Tot Ion:164 Resp: 215320
Ion Ratio Lower Upper
164 100
162 103.5 80.7 121.1
160 46.0 35.3 52.9

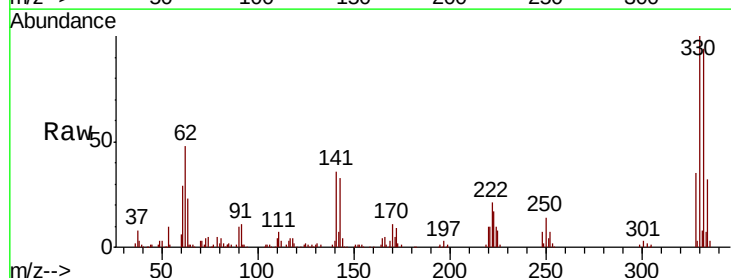


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

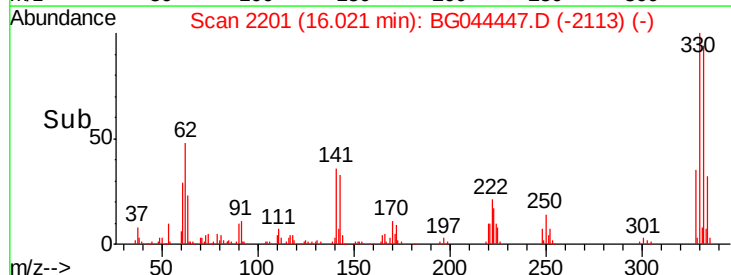
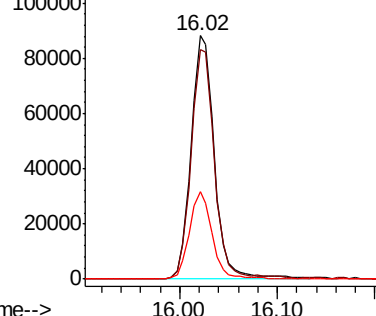


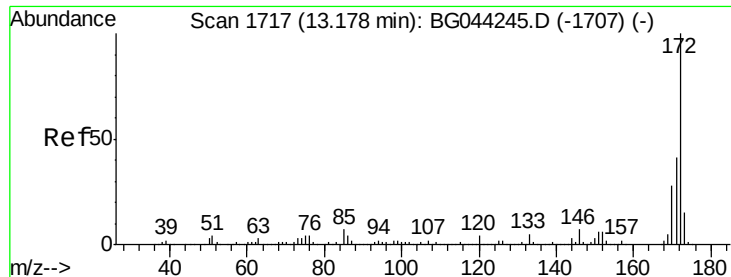
#42
2,4,6-Tribromophenol
Concen: 57.683 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Tgt Ion:330 Resp: 145808
Ion Ratio Lower Upper
330 100
332 95.0 77.2 115.8
141 35.0 28.3 42.5



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

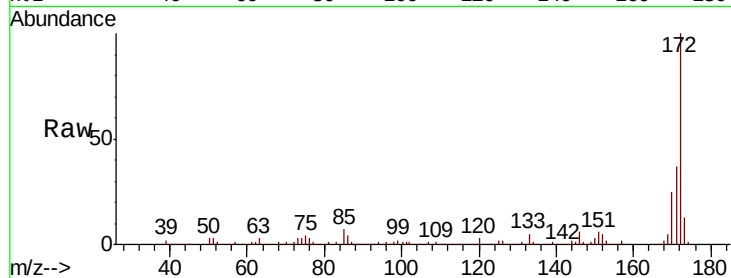




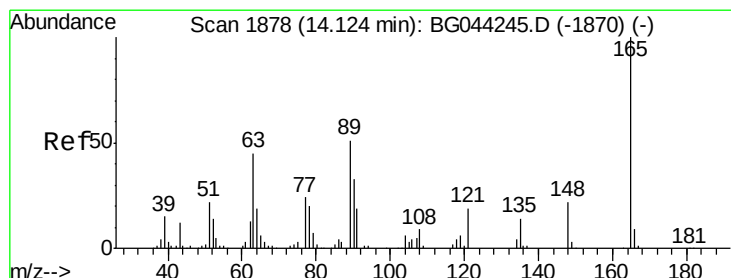
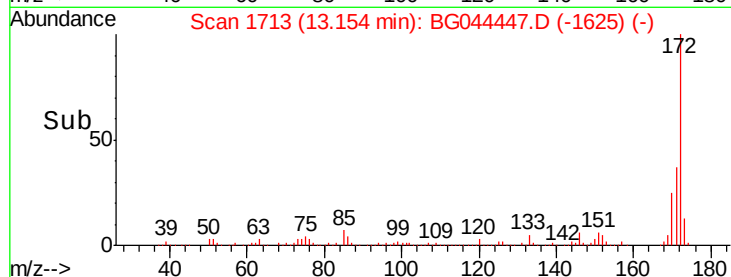
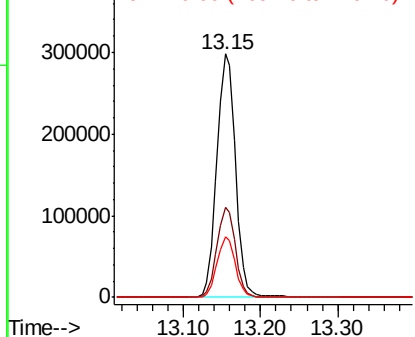
#45
2-Fluorobiphenyl
Concen: 38.800 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Instrument :
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ClientSampleId :
LAYDOWN-SOFT-AREA

Tot Ion:172 Resp: 498902
Ion Ratio Lower Upper
172 100
171 37.1 32.9 49.3
170 25.0 22.0 33.0

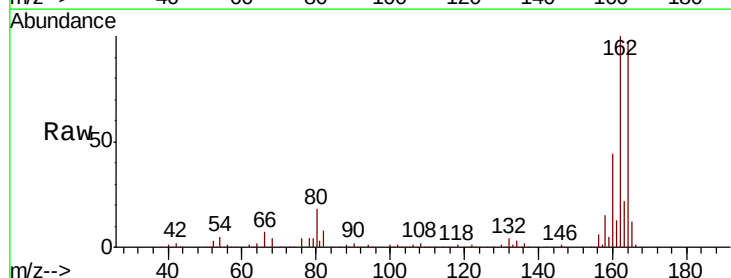


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

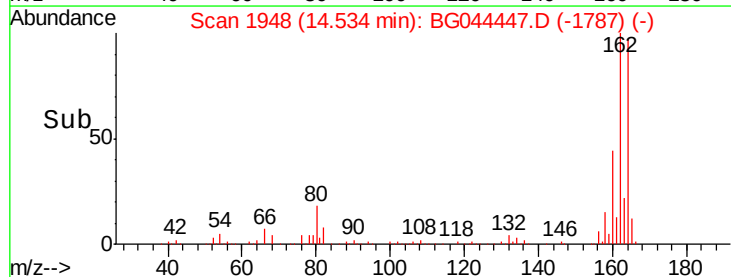
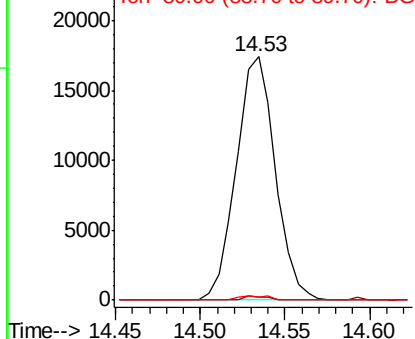


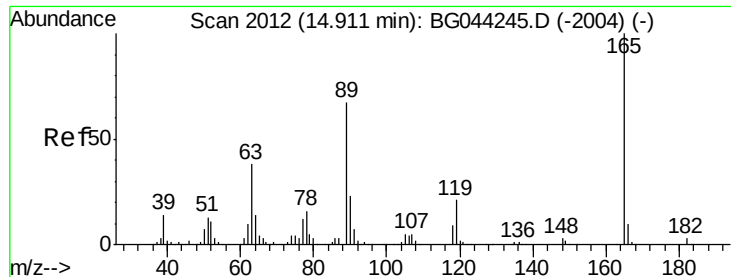
#51
2,6-Dinitrotoluene
Concen: 8.101 ng
RT: 14.53 min Scan# 1948
Delta R.T. 0.42 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Tgt Ion:165 Resp: 27957
Ion Ratio Lower Upper
165 100
63 1.4 38.7 58.1#
89 1.2 40.4 60.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

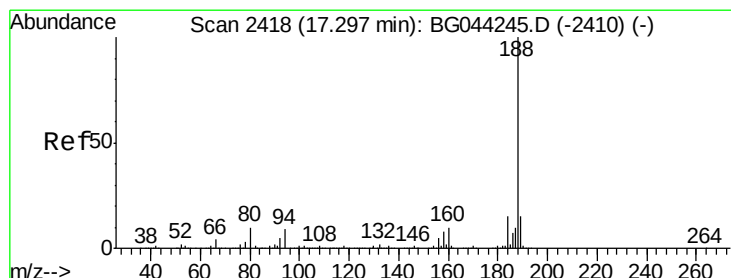
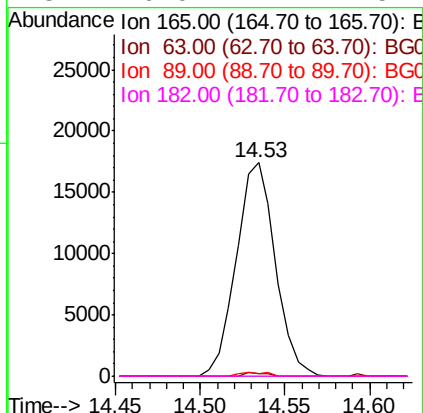
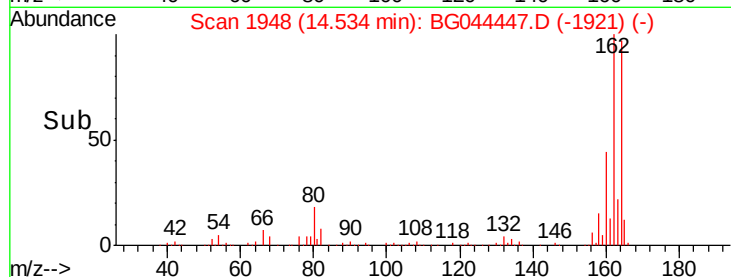
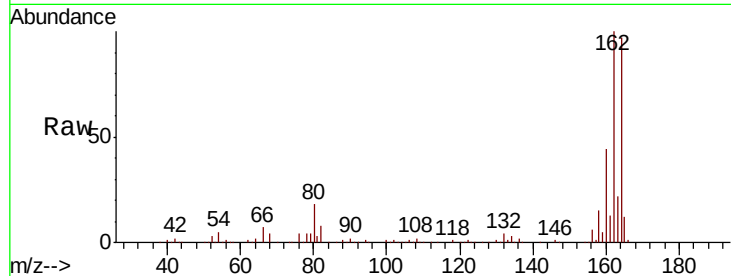




#57
 2,4-Dinitrotoluene
 Concen: 5.780 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG044447.D
 Acq: 14 Feb 2020 20:36

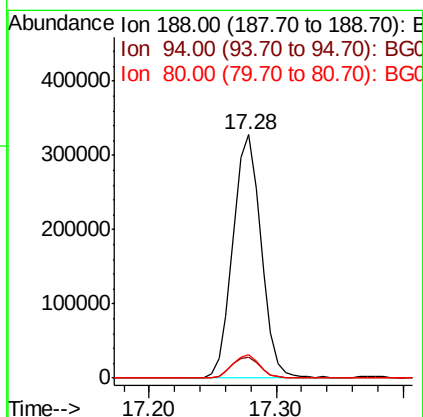
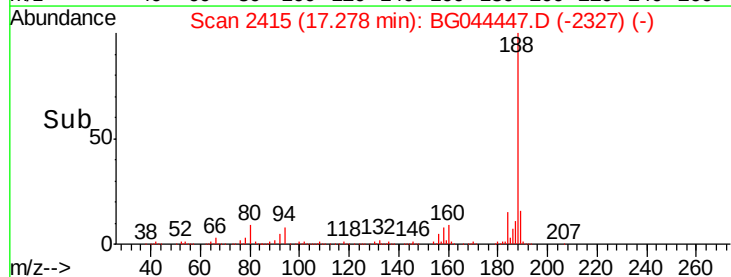
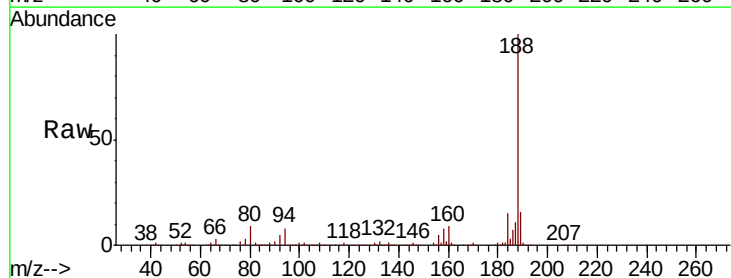
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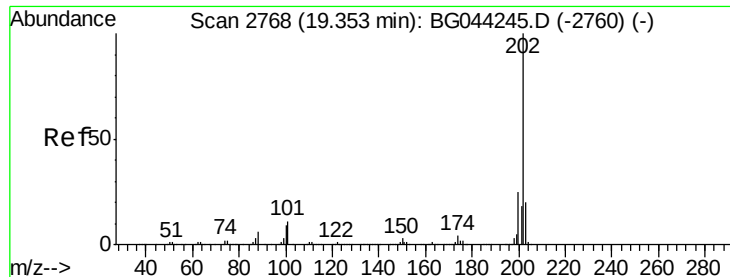
Tot Ion:165	Resp:	27957
Ion Ratio	Lower	Upper
165 100		
63 1.4	30.3	45.5#
89 1.2	53.4	80.2#
182 0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.28 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG044447.D
 Acq: 14 Feb 2020 20:36

Tgt Ion	188	Resp:	502834
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.5	7.7	11.5





#75

Fluoranthene

Concen: 2.314 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044447.D

Acq: 14 Feb 2020 20:36

Instrument :

BNA_G

ClientSampleId :

LAYDOWN-SOFT-AREA

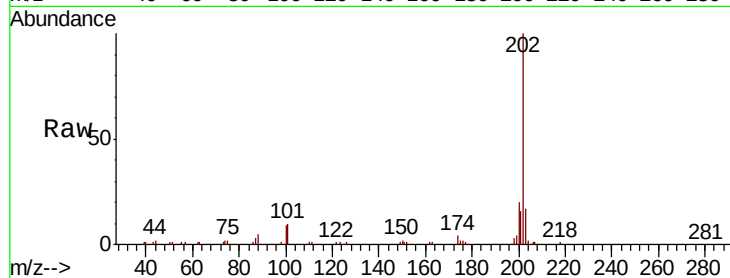
Tot Ion:202 Resp: 65175

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.3

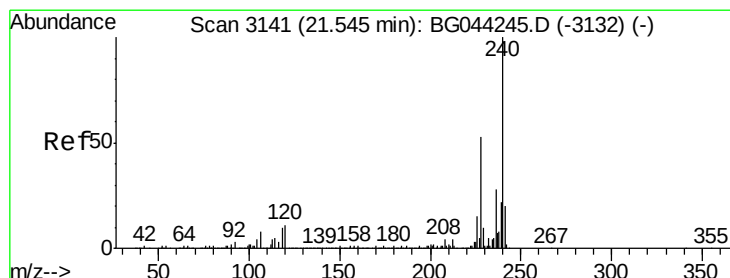
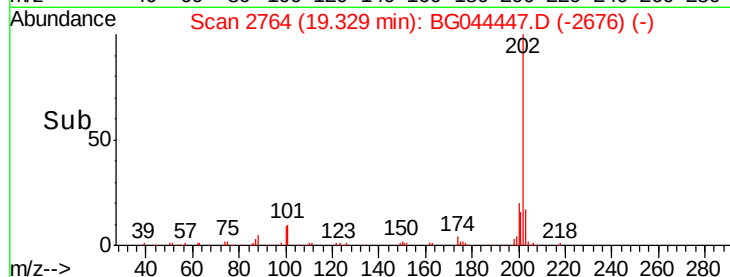
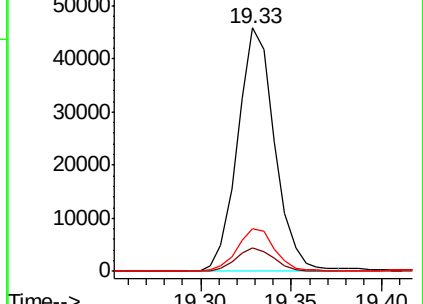
203 17.4 0.0 39.9



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: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG044447.D

Acq: 14 Feb 2020 20:36

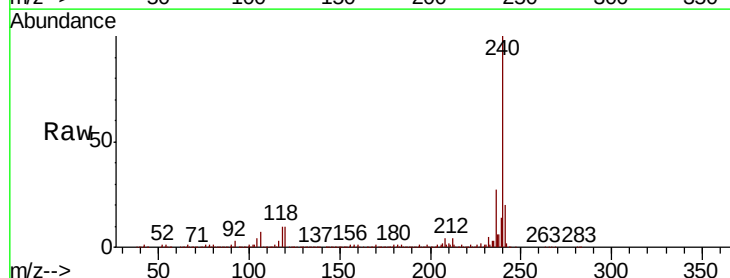
Tgt Ion:240 Resp: 470251

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

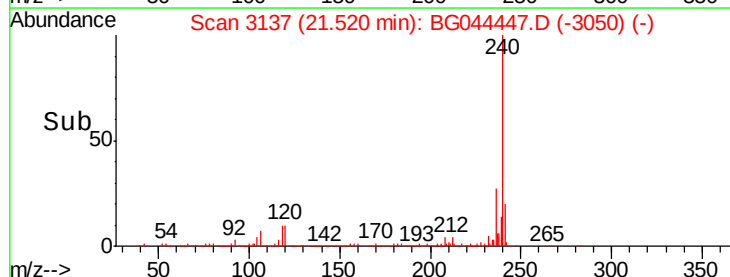
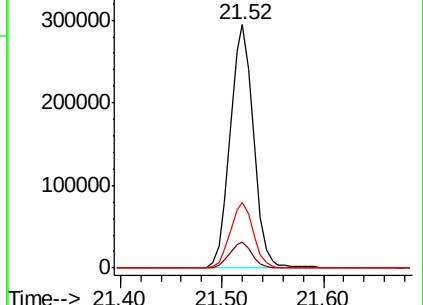
236 27.2 22.1 33.1

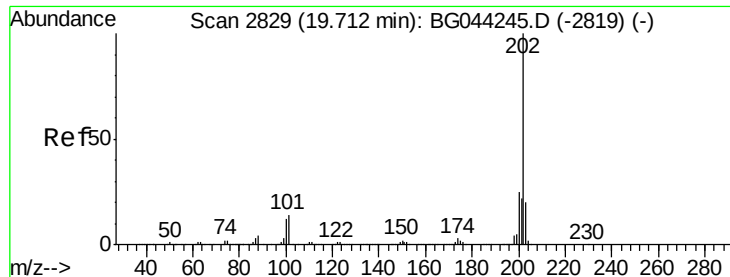


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

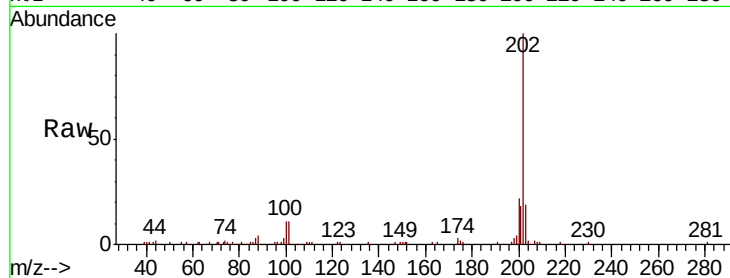




#78
Pvrene
Concen: 2.021 ng
RT: 19.69 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Instrument :
BNA_G
ClientSampleId :
LAYDOWN-SOFT-AREA

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	20.0	30.0
203	18.9	16.2	24.2

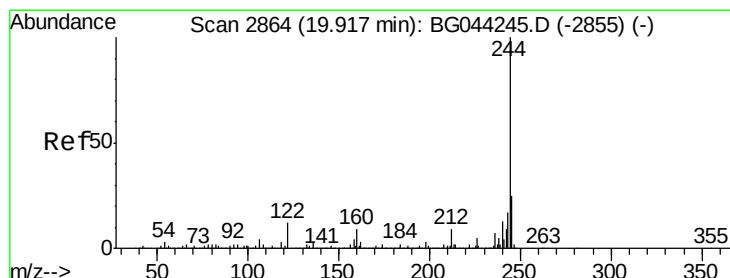
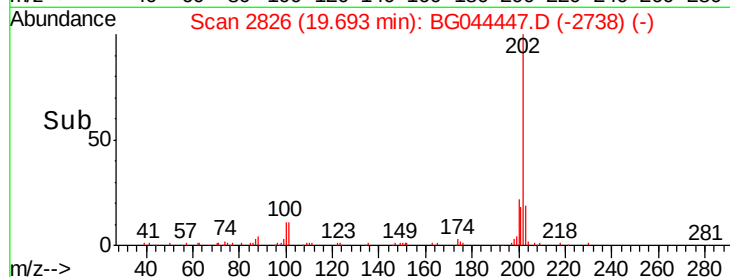
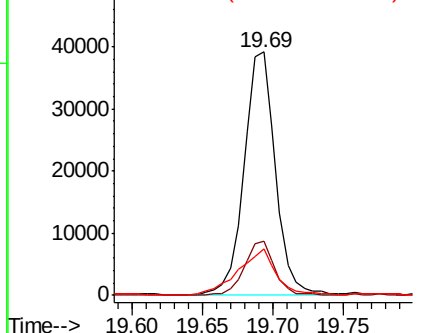


Abundance

Ion 202.00 (201.70 to 202.70): E

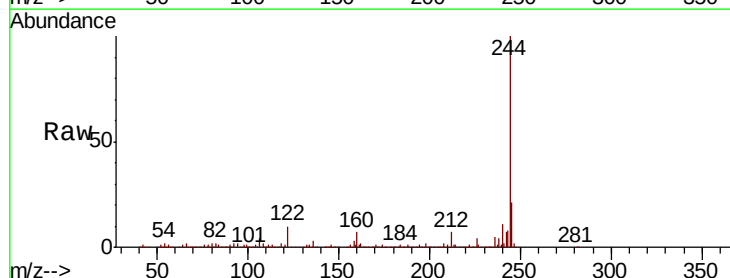
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 34.231 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044447.D
Acq: 14 Feb 2020 20:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.4	11.2#
122	10.4	9.8	14.6

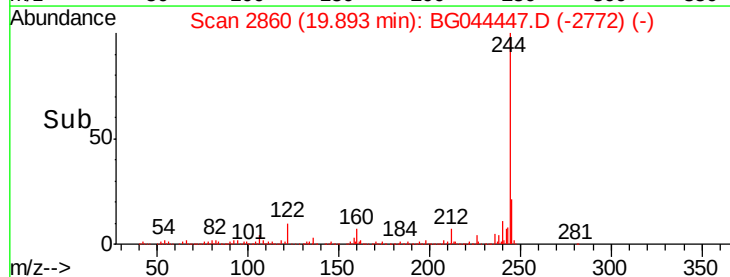
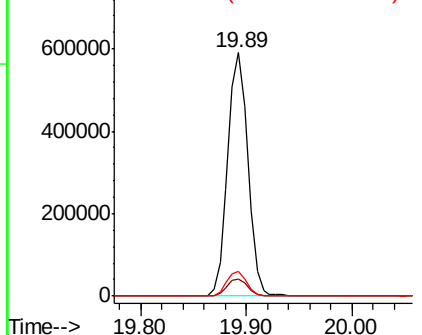


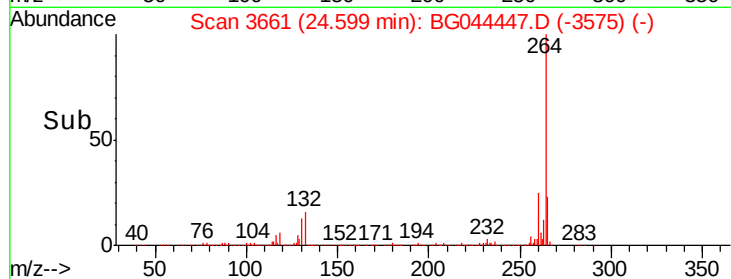
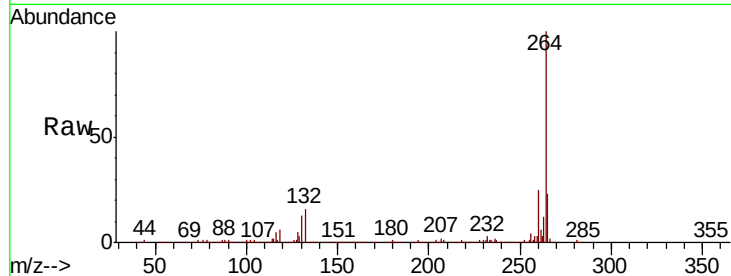
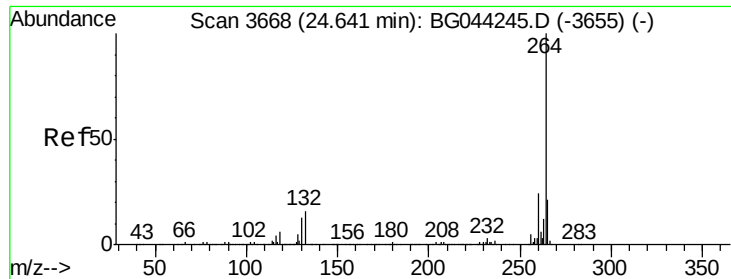
Abundance

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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.60 min Scan# 3661
 Delta R.T. -0.02 min
 Lab File: BG044447.D
 Acq: 14 Feb 2020 20:36

Instrument :
 BNA_G
 ClientSampleId :
 LAYDOWN-SOFT-AREA

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.5	16.7	25.1

