

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044537.D
 Acq On : 21 Feb 2020 1:48
 Operator : CG/JU
 Sample : L1587-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0172-COMP-SL-C

Quant Time: Feb 21 07:43:47 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

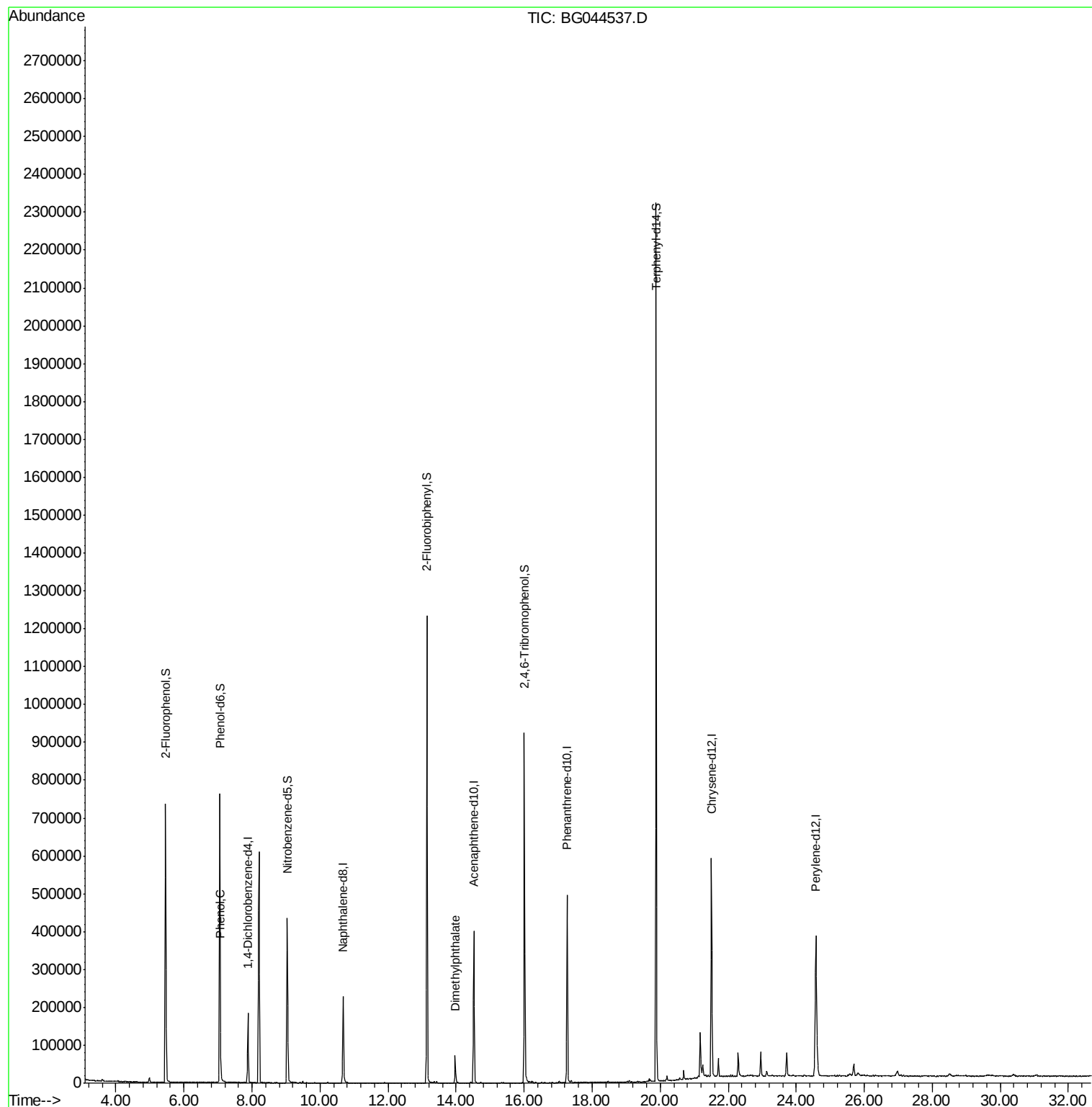
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	56732	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	227008	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	148485	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	332166	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	337379	20.00	ng	-0.03
87) Perylene-d12	24.57	264	382080	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	380160	118.26	ng	-0.02
7) Phenol-d6	7.05	99	504843	116.95	ng	-0.02
23) Nitrobenzene-d5	9.03	82	297277	73.93	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	204307	117.21	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	698554	78.78	ng	-0.02
79) Terphenyl-d14	19.88	244	1200579	73.19	ng	-0.02
Target Compounds						
10) Phenol	7.08	94	11313	2.648	ng	# 73
50) Dimethylphthalate	13.98	163	62896	5.893	ng	# 97

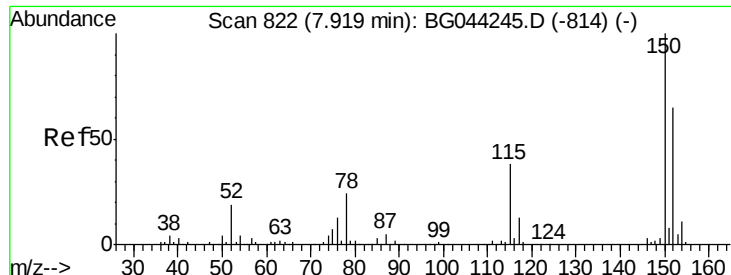
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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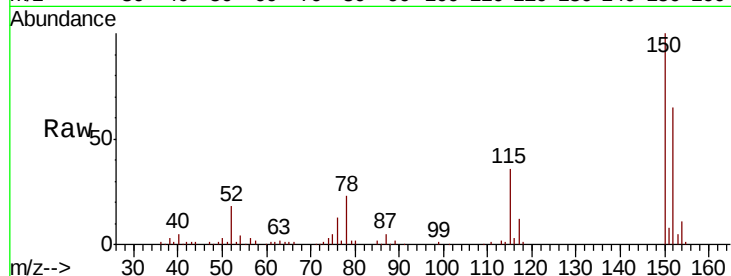


#1

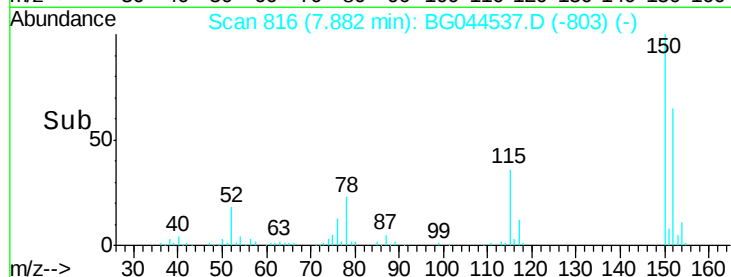
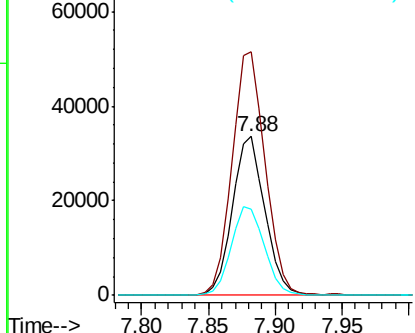
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG044537.D
Acq: 21 Feb 2020 1:48

Instrument :
BNA_G
ClientSampleId :
0172-COMP-SL-C

Tot Ion:152 Resp: 56732
Ion Ratio Lower Upper
152 100
150 153.5 122.6 183.8
115 54.7 46.0 69.0



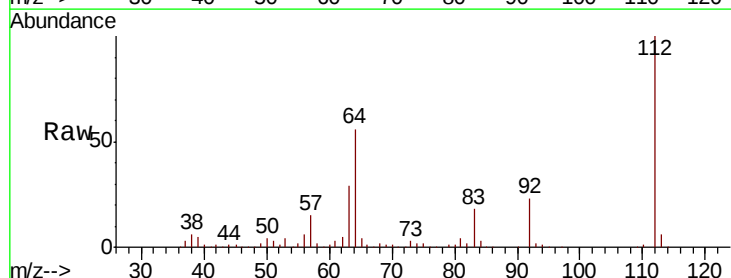
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



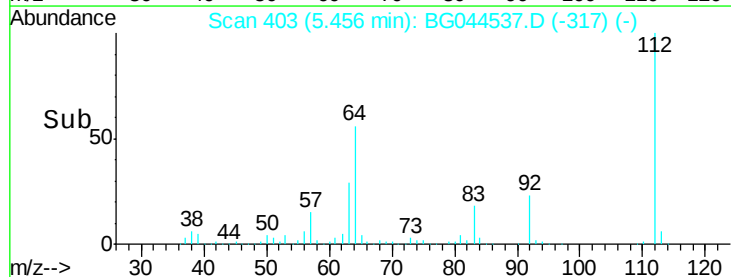
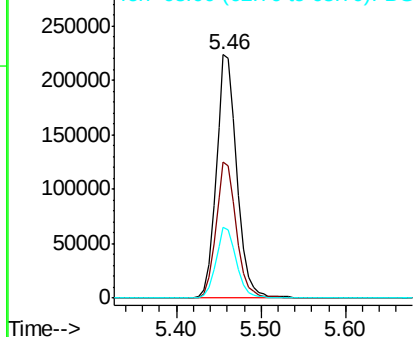
#5

2-Fluorophenol
Concen: 118.262 ng
RT: 5.46 min Scan# 403
Delta R.T. -0.02 min
Lab File: BG044537.D
Acq: 21 Feb 2020 1:48

Tgt Ion:112 Resp: 380160
Ion Ratio Lower Upper
112 100
64 55.7 45.4 68.2
63 29.0 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: 116.952 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044537.D

Acq: 21 Feb 2020 1:48

Instrument :

BNA_G

ClientSampleId :

0172-COMP-SL-C

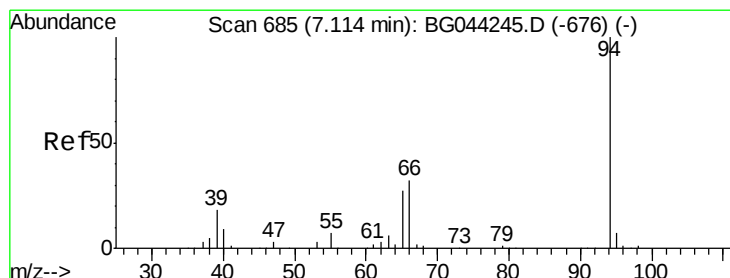
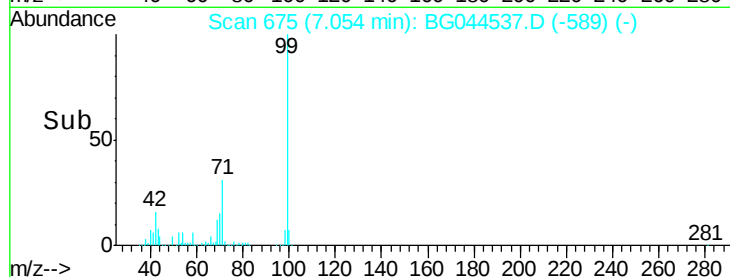
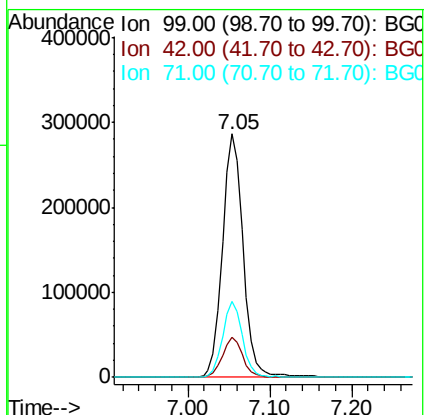
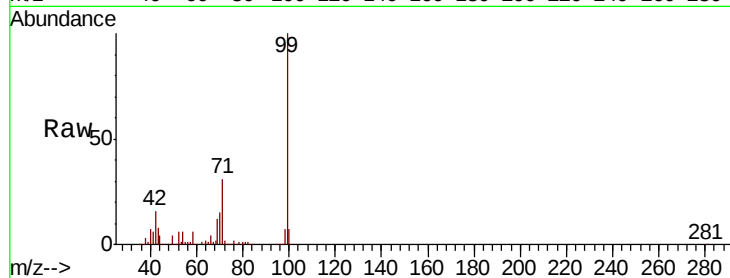
Tot Ion: 99 Resp: 504843

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.6

71 31.3 25.5 38.3



#10

Phenol

Concen: 2.648 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044537.D

Acq: 21 Feb 2020 1:48

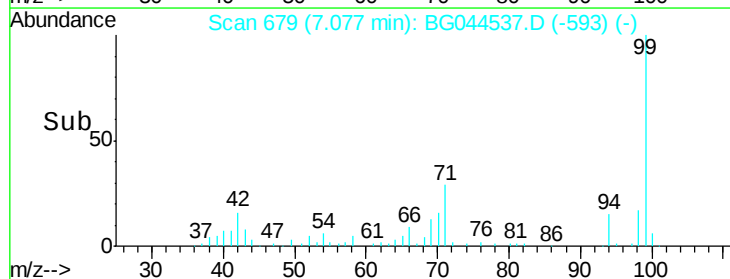
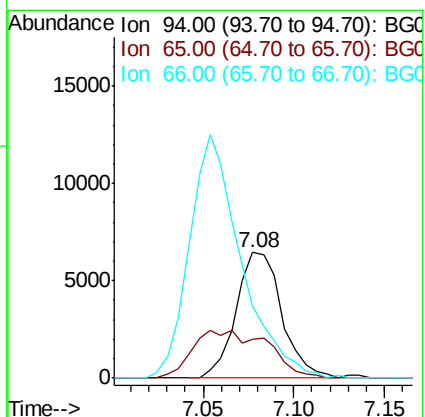
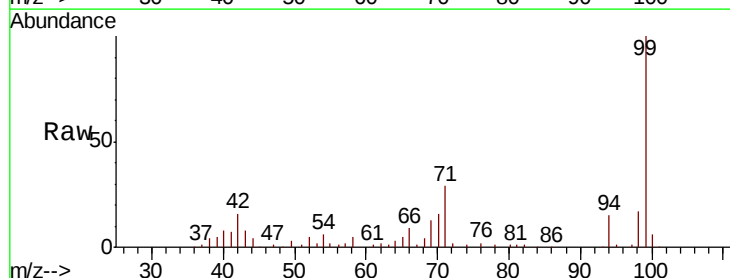
Tgt Ion: 94 Resp: 11313

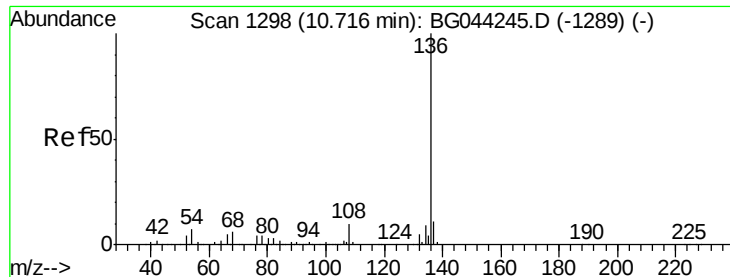
Ion Ratio Lower Upper

94 100

65 31.0 7.0 47.0

66 57.0 12.7 52.7#

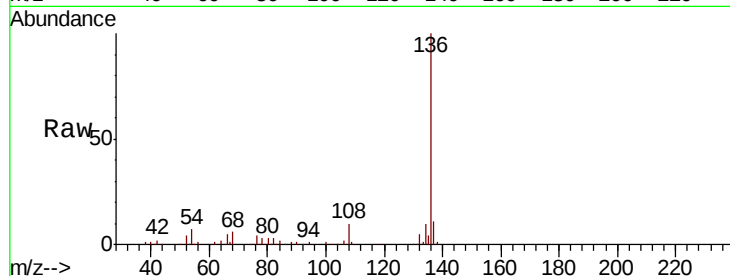




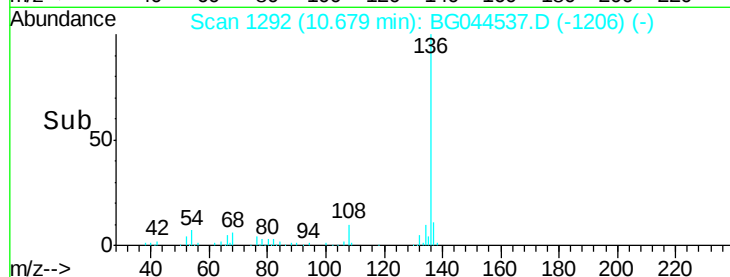
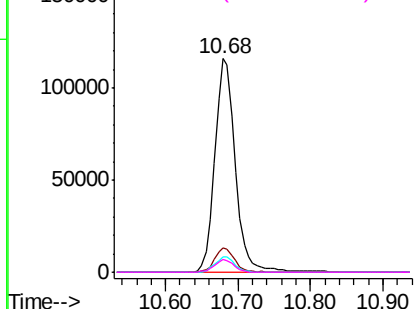
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044537.D
Acq: 21 Feb 2020 1:48

Instrument :
BNA_G
ClientSampleId :
0172-COMP-SL-C

Tot Ion:136	Resp:	227008
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 7.1	5.8	8.8
68 5.7	4.6	6.8

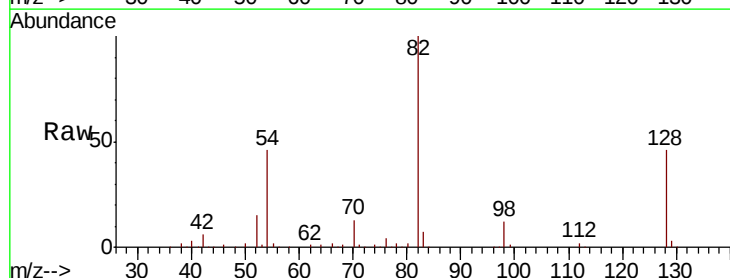


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

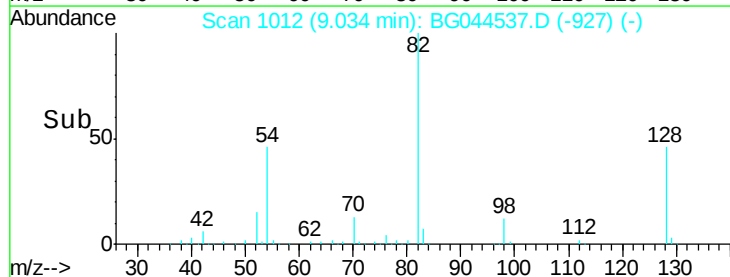
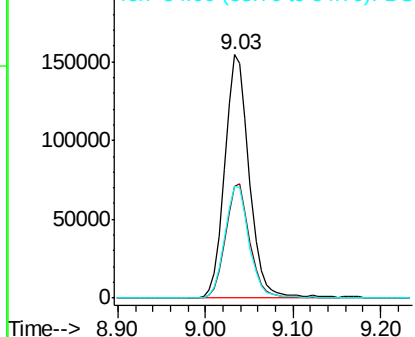


#23
Nitrobenzene-d5
Concen: 73.932 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044537.D
Acq: 21 Feb 2020 1:48

Tgt	Ion: 82	Resp:	297277
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.5	54.7
54	46.1	38.6	58.0



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

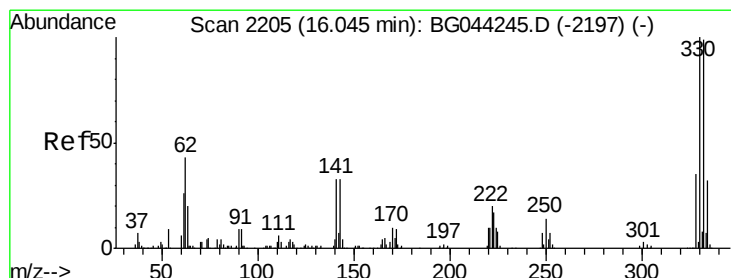
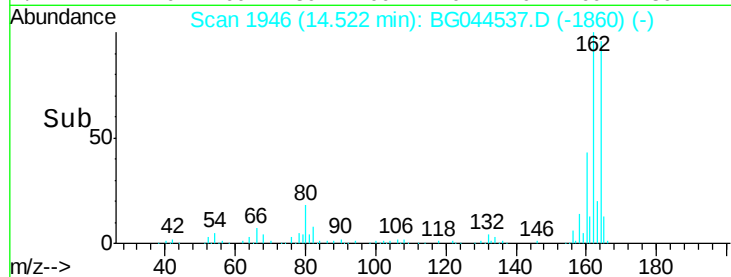
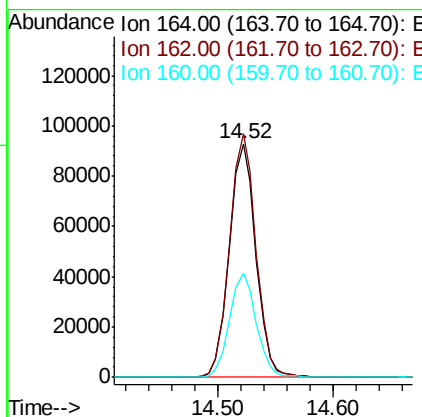
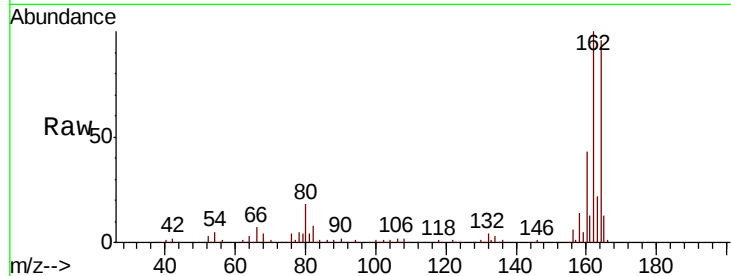




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044537.D
Acq: 21 Feb 2020 1:48

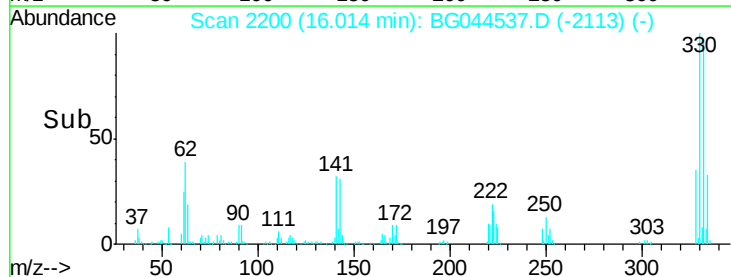
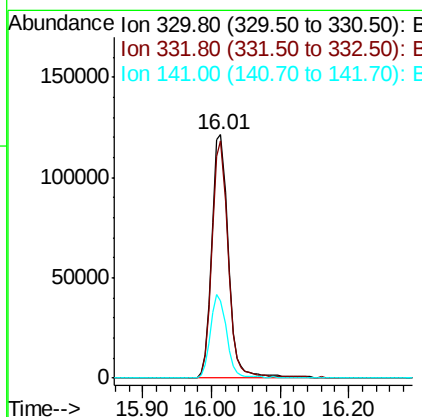
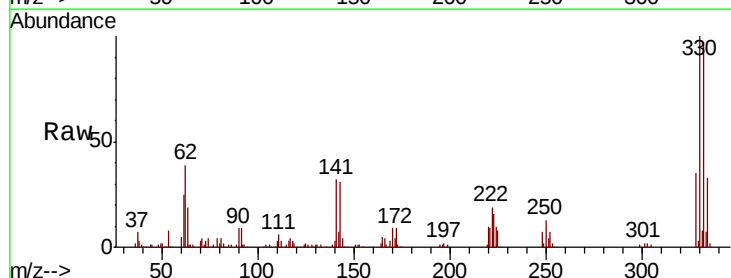
Instrument :
BNA_G
ClientSampleId :
0172-COMP-SL-C

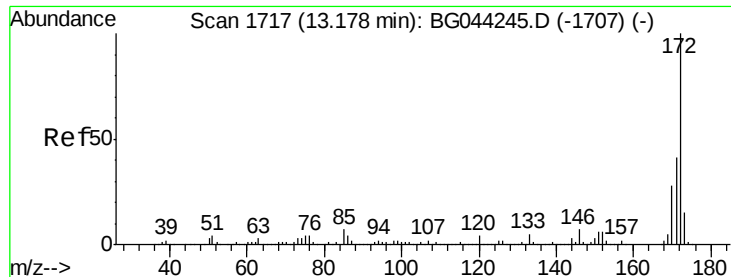
Tot Ion:164 Resp: 148485
Ion Ratio Lower Upper
164 100
162 104.2 80.7 121.1
160 44.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 117.207 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG044537.D
Acq: 21 Feb 2020 1:48

Tgt Ion:330 Resp: 204307
Ion Ratio Lower Upper
330 100
332 94.6 77.2 115.8
141 34.1 28.3 42.5

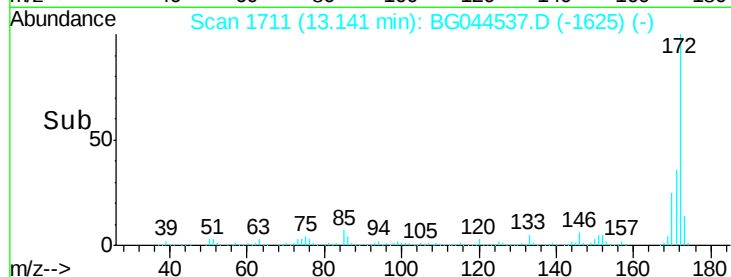
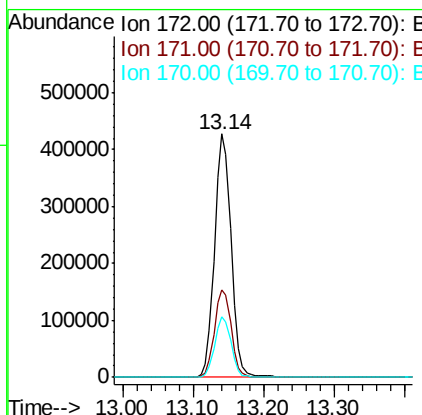
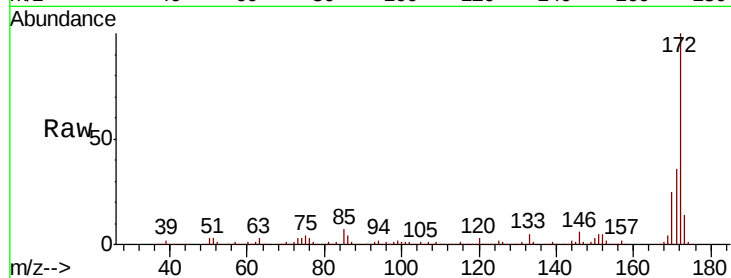




#45
2-Fluorobiphenyl
Concen: 78.780 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.02 min
Lab File: BG044537.D
Acq: 21 Feb 2020 1:48

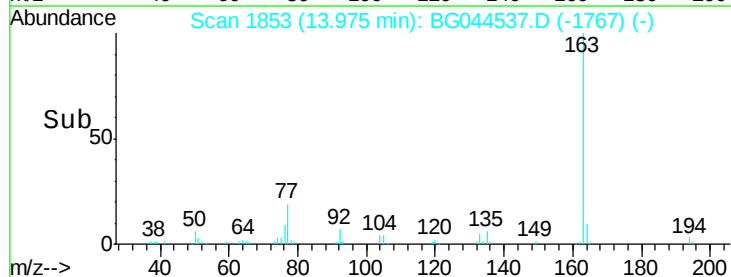
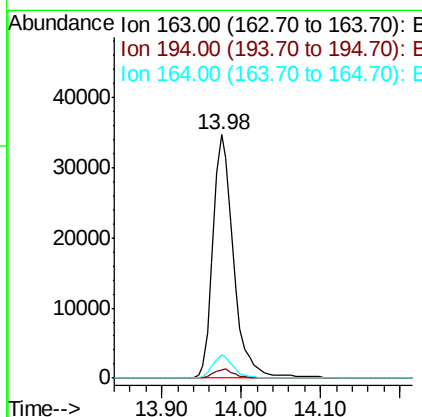
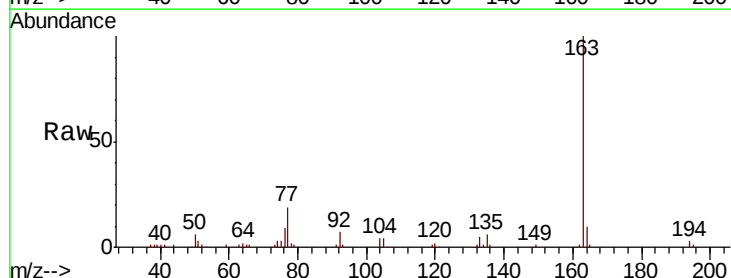
Instrument :
BNA_G
ClientSampleId :
0172-COMP-SL-C

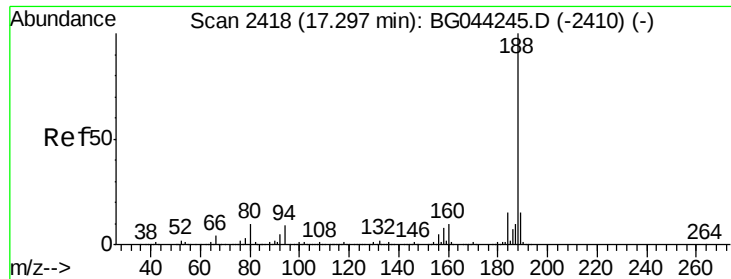
Tot Ion:172 Resp: 698554
Ion Ratio Lower Upper
172 100
171 36.1 32.9 49.3
170 24.7 22.0 33.0



#50
Dimethylphthalate
Concen: 5.893 ng
RT: 13.98 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG044537.D
Acq: 21 Feb 2020 1:48

Tgt Ion:163 Resp: 62896
Ion Ratio Lower Upper
163 100
194 3.4 3.6 5.4#
164 9.8 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BG044537.D

Acq: 21 Feb 2020 1:48

Instrument :

BNA_G

ClientSampleId :

0172-COMP-SL-C

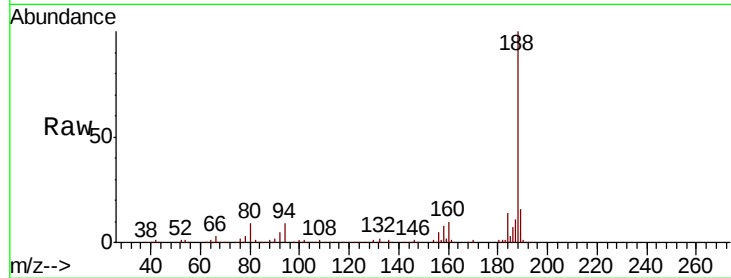
Tot Ion:188 Resp: 332166

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

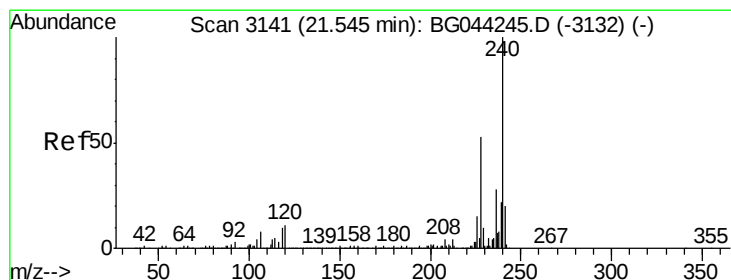
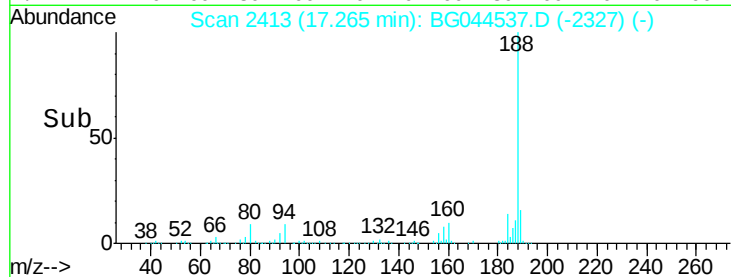
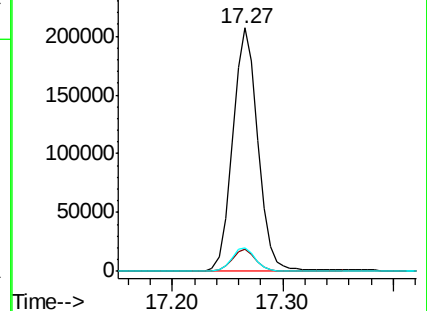
80 9.5 7.7 11.5



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: 21.51 min Scan# 3135

Delta R.T. -0.03 min

Lab File: BG044537.D

Acq: 21 Feb 2020 1:48

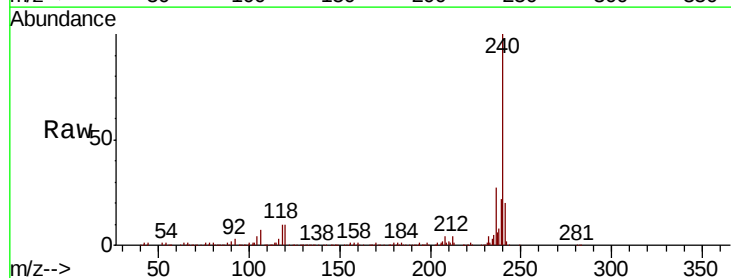
Tgt Ion:240 Resp: 337379

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

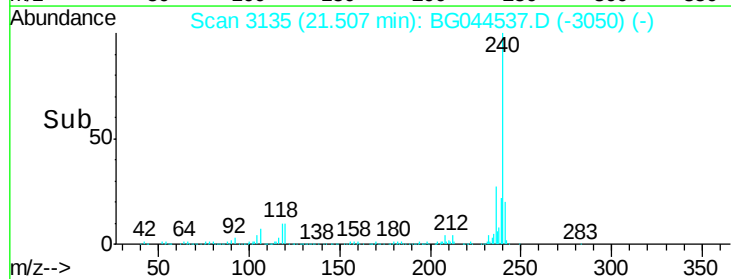
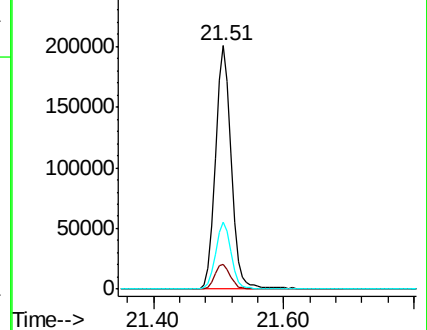
236 27.5 22.1 33.1

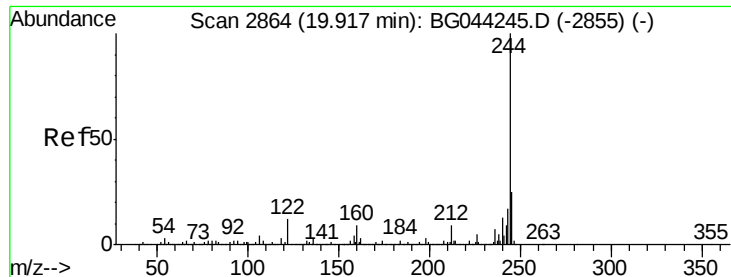


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.195 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044537.D

Acq: 21 Feb 2020 1:48

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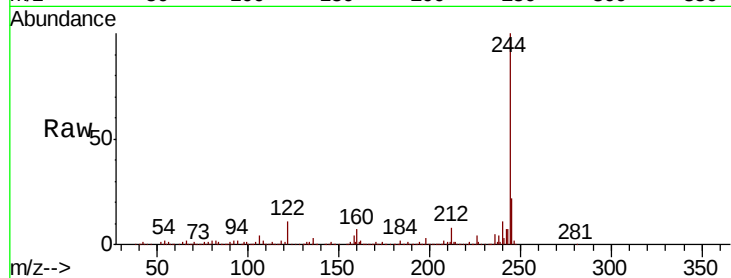
Tot Ion:244 Resp: 1200579

Ion Ratio Lower Upper

244 100

212 7.8 7.4 11.2

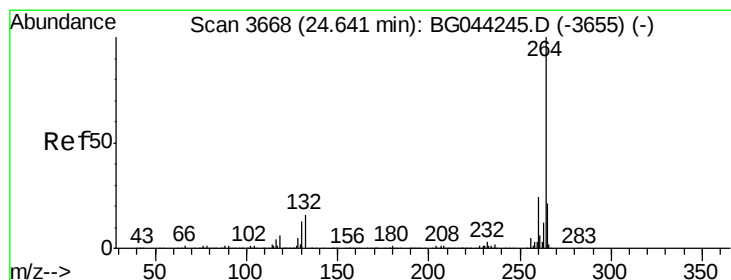
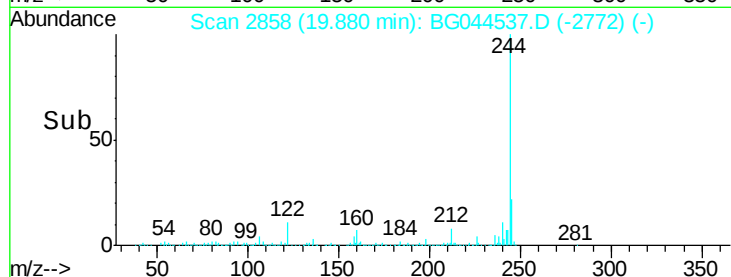
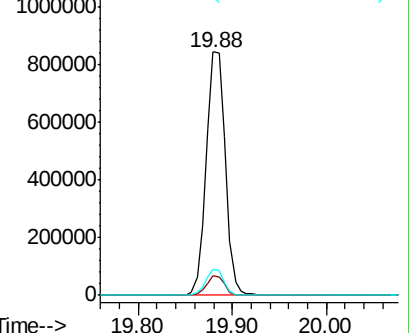
122 10.7 9.8 14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 24.57 min Scan# 3657

Delta R.T. -0.05 min

Lab File: BG044537.D

Acq: 21 Feb 2020 1:48

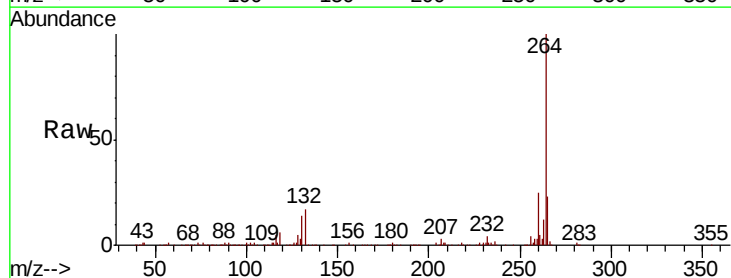
Tgt Ion:264 Resp: 382080

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 22.7 16.7 25.1



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

