

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044514.D
 Acq On : 20 Feb 2020 8:31
 Operator : CG/JU
 Sample : L1573-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOC-3

Quant Time: Feb 20 10:29:30 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

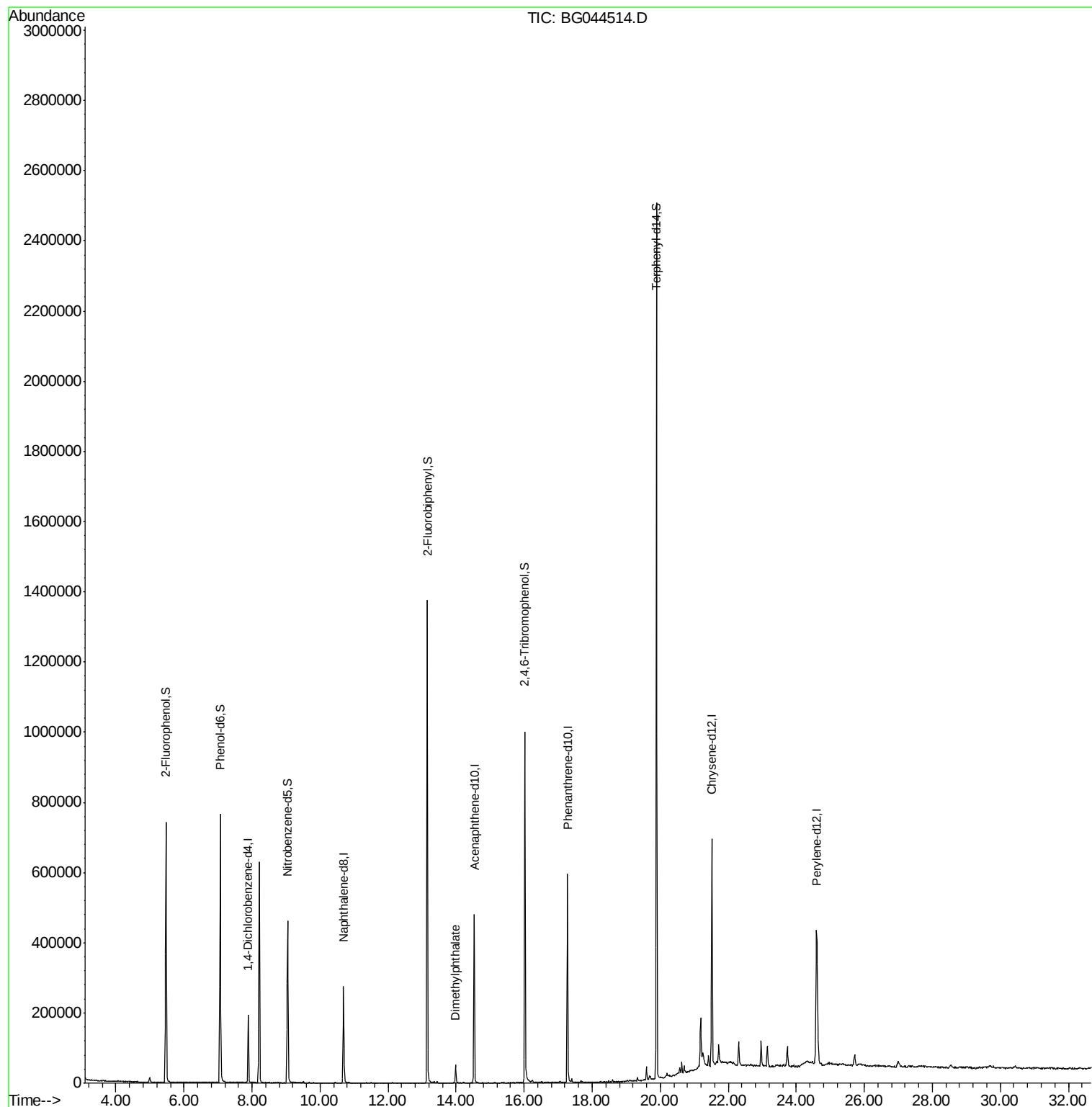
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	60446	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	260961	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	183939	20.00	ng	-0.02
64) Phenanthrene-d10	17.28	188	399976	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	380044	20.00	ng	-0.02
87) Perylene-d12	24.60	264	410283	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	374708	109.40	ng	-0.01
7) Phenol-d6	7.06	99	504213	109.63	ng	-0.01
23) Nitrobenzene-d5	9.04	82	307084	66.43	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	219978	101.87	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	775734	70.62	ng	-0.01
79) Terphenyl-d14	19.89	244	1225397	66.32	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.99	163	44395	3.358	ng	Qvalue 97

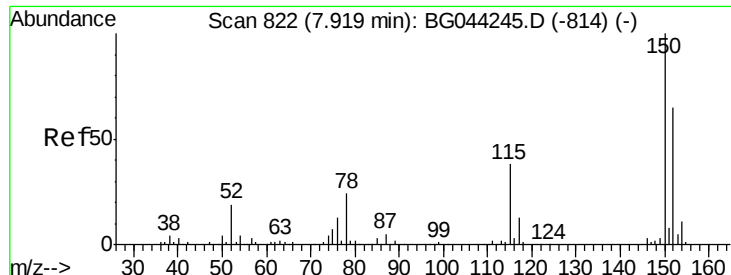
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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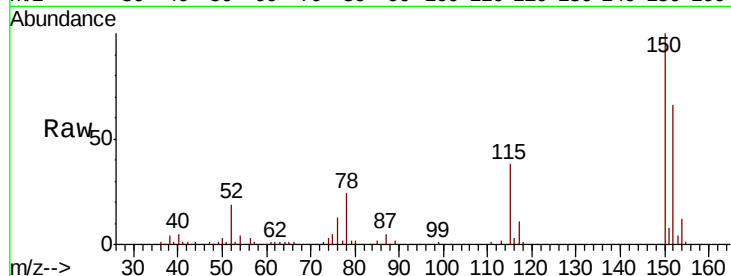


#1

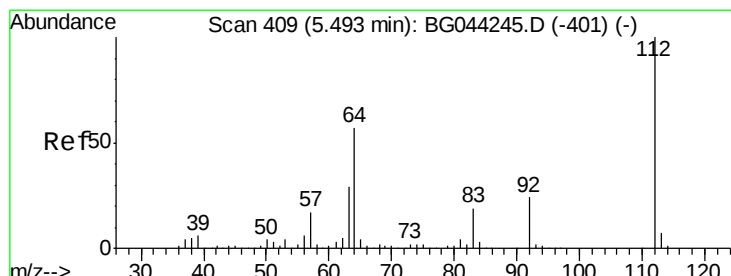
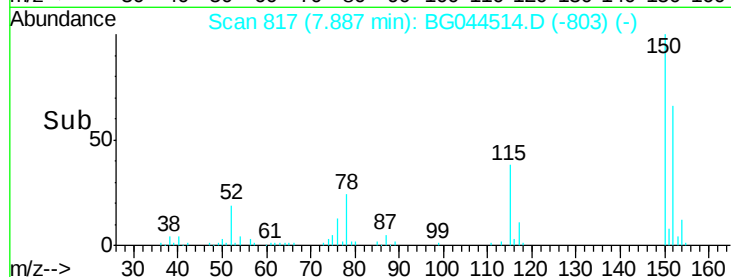
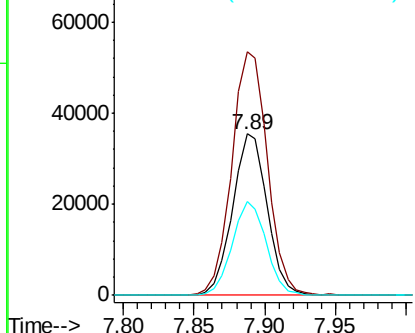
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044514.D
 Acq: 20 Feb 2020 8:31

Instrument :
 BNA_G
 ClientSampleId :
 LOC-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	122.6	183.8
115	58.1	46.0	69.0



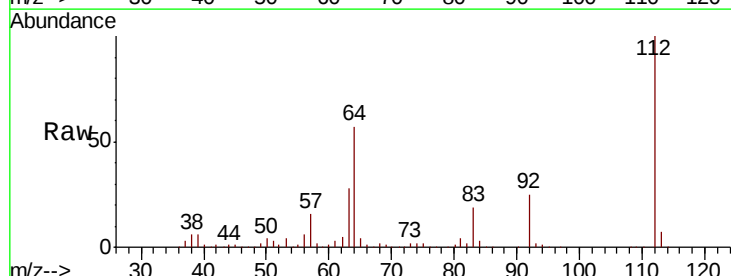
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



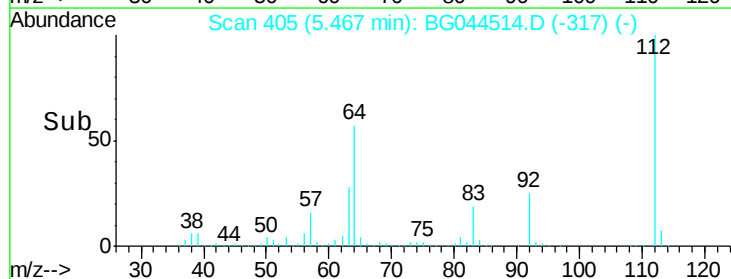
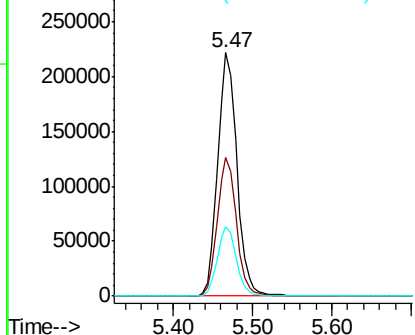
#5

2-Fluorophenol
 Concen: 109.404 ng
 RT: 5.47 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BG044514.D
 Acq: 20 Feb 2020 8:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.4	68.2
63	28.4	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: 109.629 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044514.D

Acq: 20 Feb 2020 8:31

Instrument :

BNA_G

ClientSampleId :

LOC-3

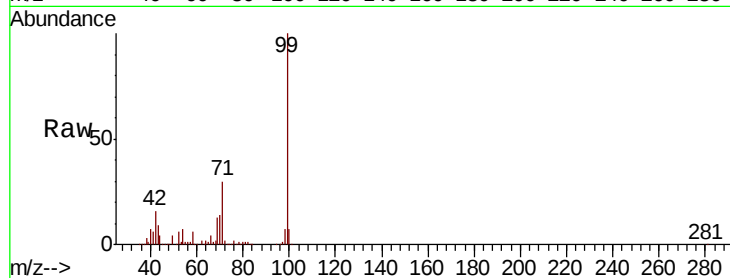
Tot Ion: 99 Resp: 504213

Ion Ratio Lower Upper

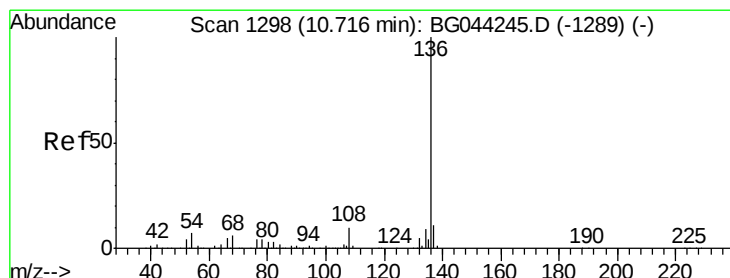
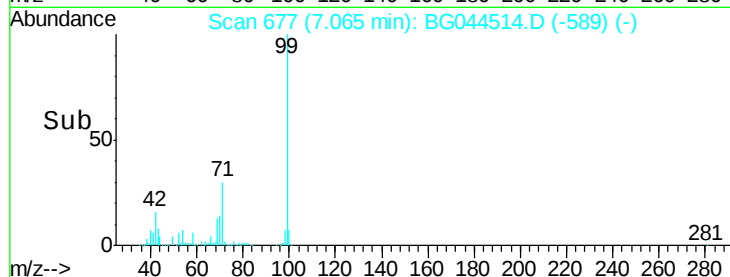
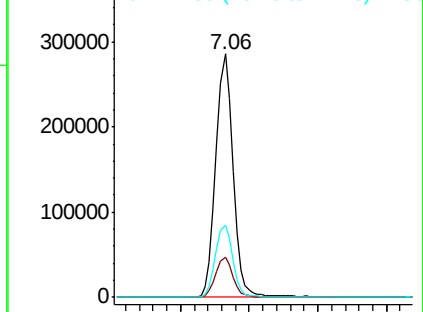
99 100

42 16.4 13.8 20.6

71 29.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044514.D

Acq: 20 Feb 2020 8:31

Tgt Ion: 136 Resp: 260961

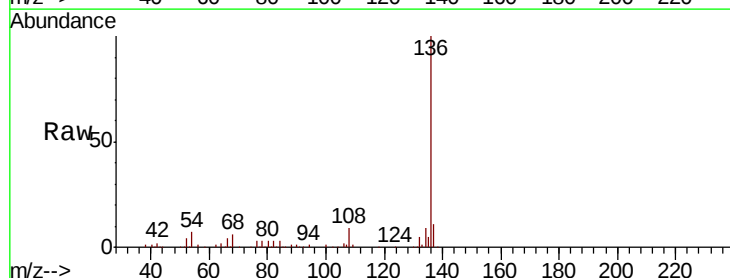
Ion Ratio Lower Upper

136 100

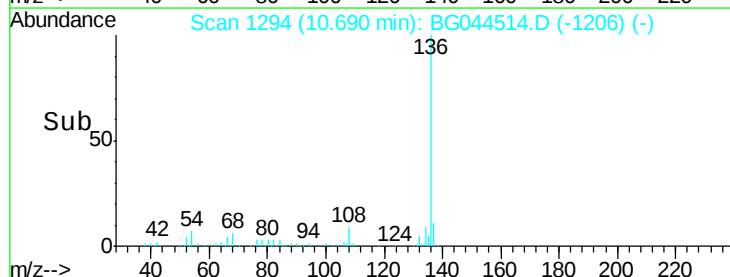
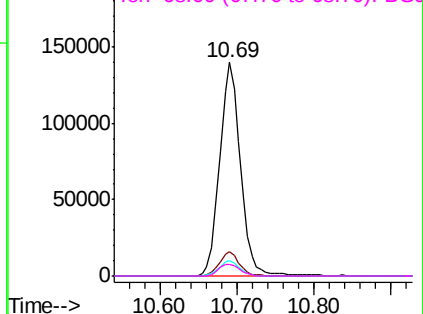
137 11.3 8.8 13.2

54 7.1 5.8 8.8

68 5.6 4.6 6.8



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

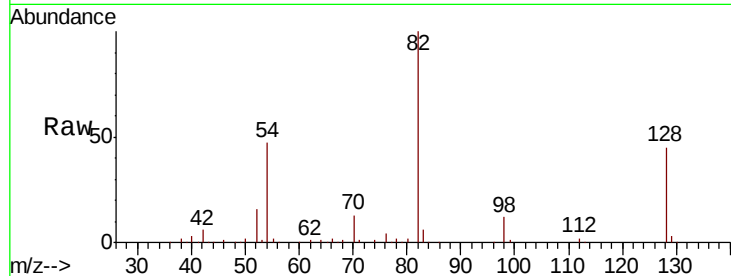




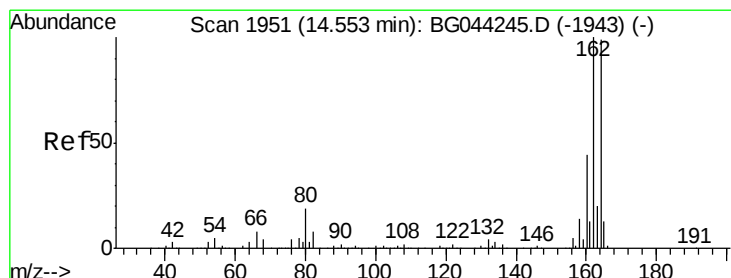
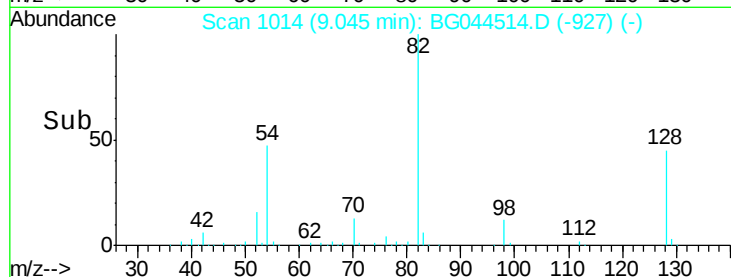
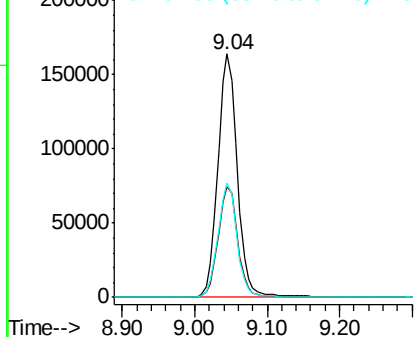
#23
 Nitrobenzene-d5
 Concen: 66.435 ng
 RT: 9.04 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044514.D
 Acq: 20 Feb 2020 8:31

Instrument :
 BNA_G
 ClientSampleId :
 LOC-3

Tot Ion: 82 Resp: 307084
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.5 54.7
 54 46.9 38.6 58.0

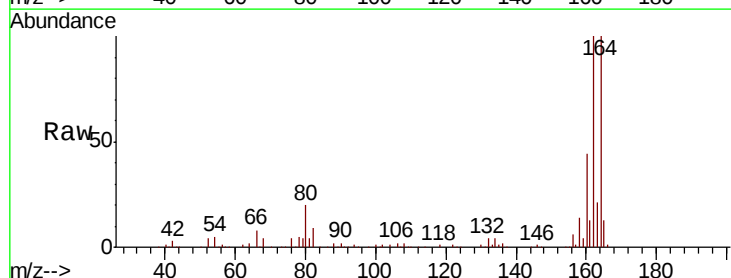


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

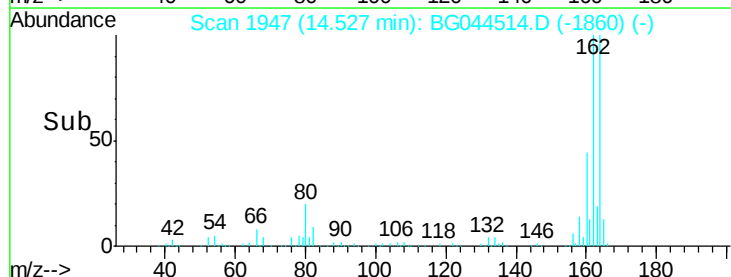
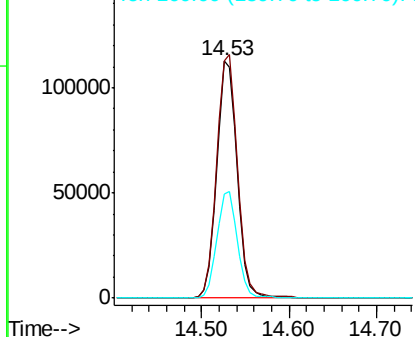


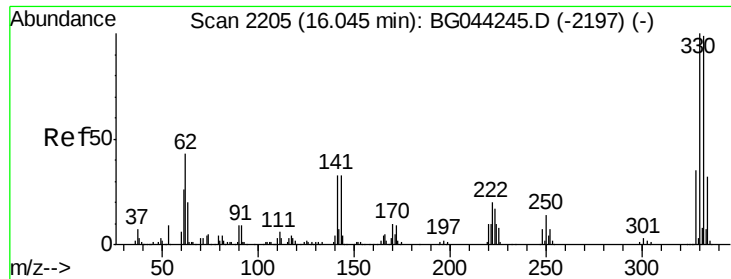
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG044514.D
 Acq: 20 Feb 2020 8:31

Tgt Ion: 164 Resp: 183939
 Ion Ratio Lower Upper
 164 100
 162 99.6 80.7 121.1
 160 44.0 35.3 52.9



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





#42

2,4,6-Tribromophenol

Concen: 101.873 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044514.D

Acq: 20 Feb 2020 8:31

Instrument :

BNA_G

ClientSampleId :

LOC-3

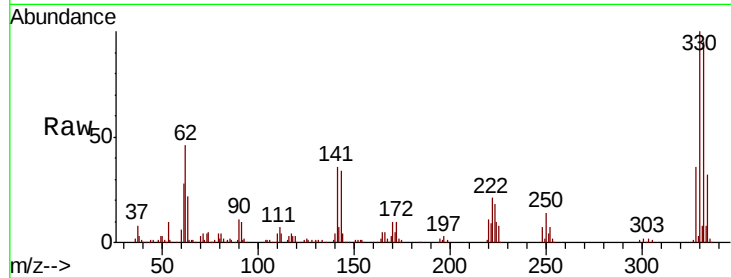
Tot Ion:330 Resp: 219978

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

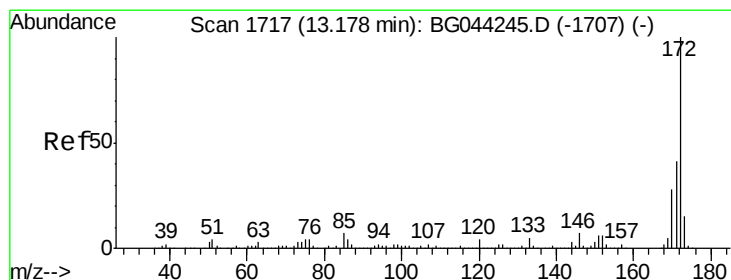
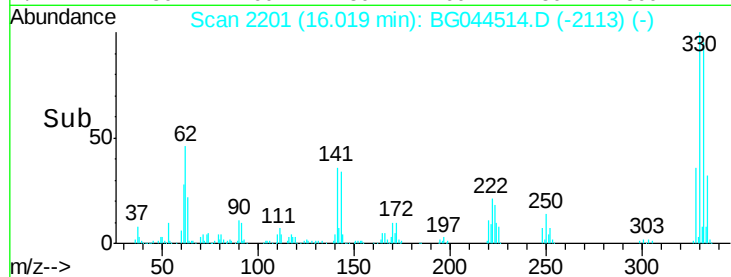
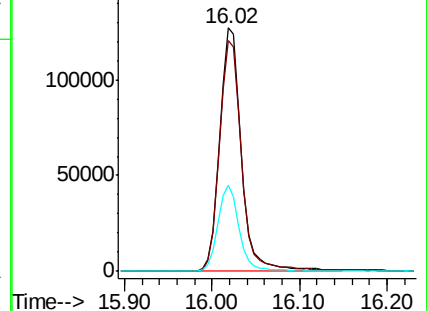
141 34.6 28.3 42.5



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: 70.622 ng

RT: 13.15 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG044514.D

Acq: 20 Feb 2020 8:31

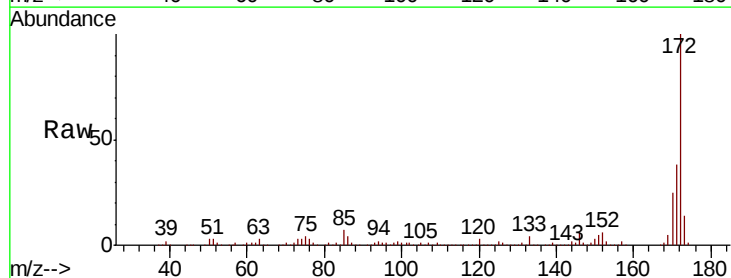
Tgt Ion:172 Resp: 775734

Ion Ratio Lower Upper

172 100

171 37.6 32.9 49.3

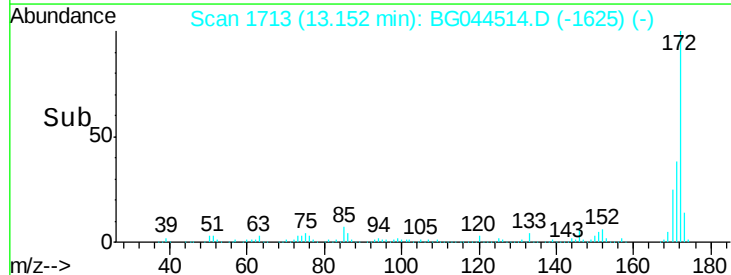
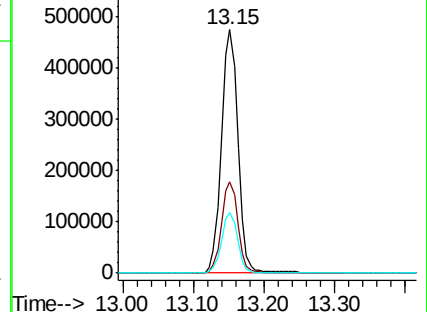
170 24.9 22.0 33.0



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





#50

Dimethylphthalate

Concen: 3.358 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044514.D

Acq: 20 Feb 2020 8:31

Instrument :

BNA_G

ClientSampleId :

LOC-3

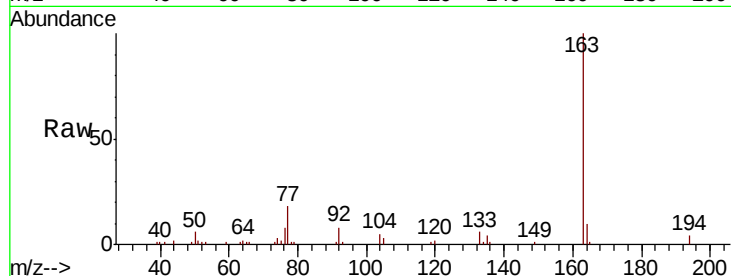
Tot Ion:163 Resp: 44395

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4

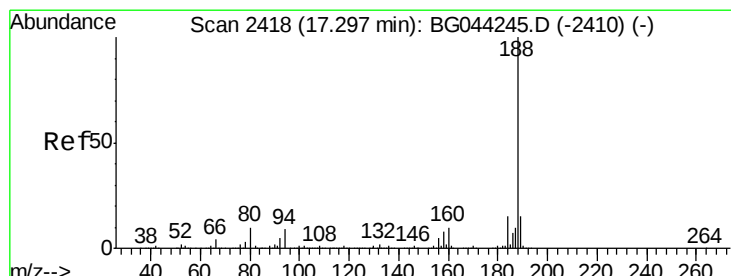
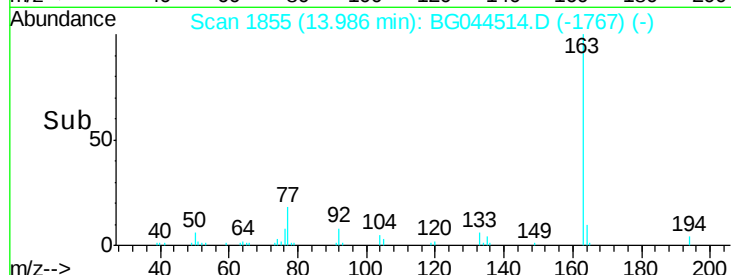
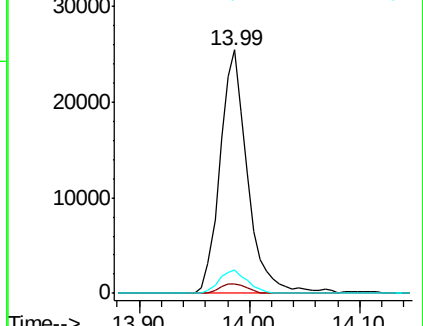
164 9.6 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044514.D

Acq: 20 Feb 2020 8:31

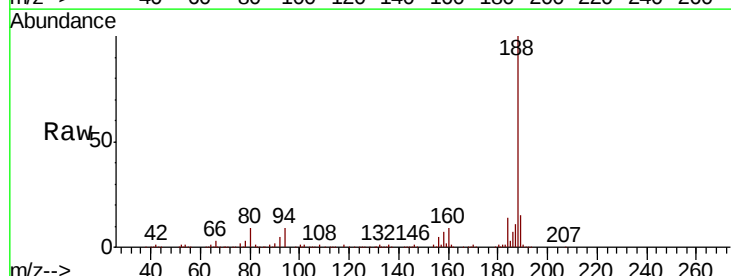
Tgt Ion:188 Resp: 399976

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

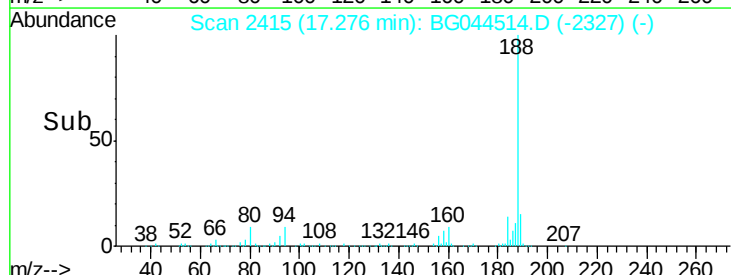
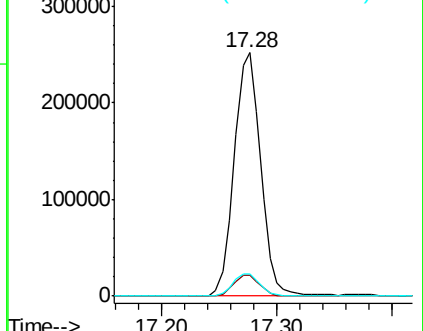
80 9.1 7.7 11.5

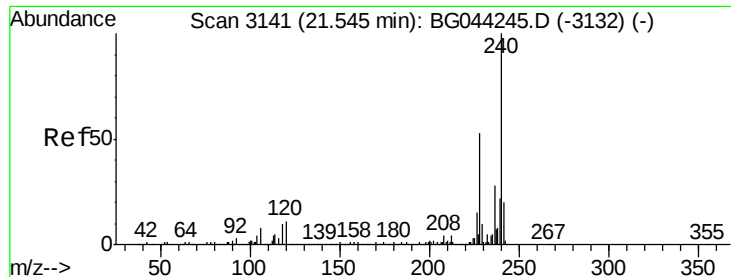


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

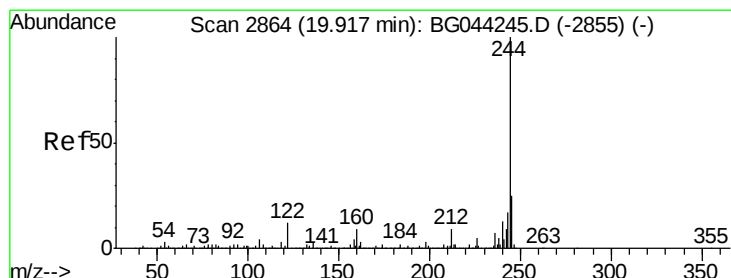
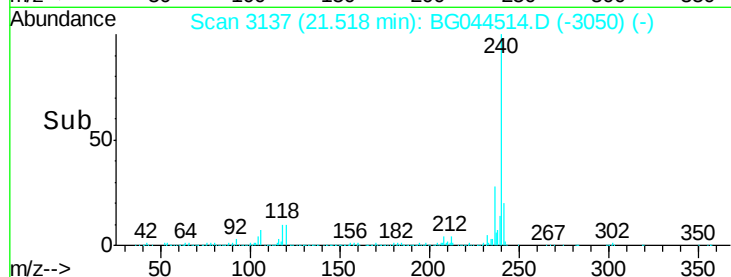
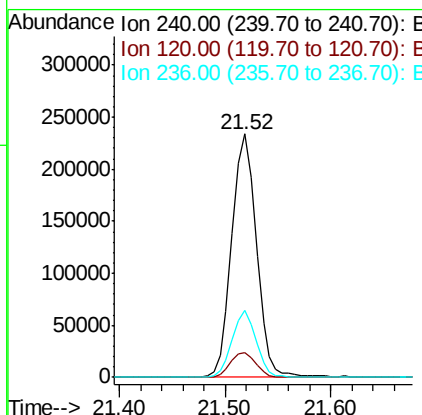
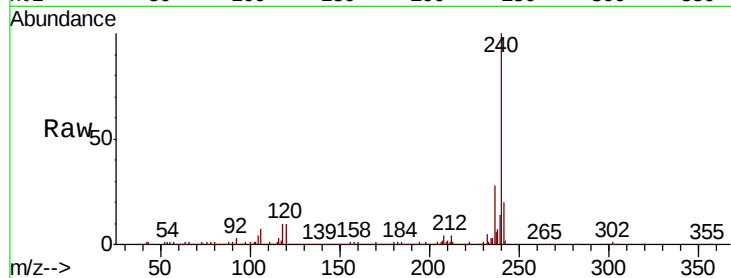




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG044514.D
 Acq: 20 Feb 2020 8:31

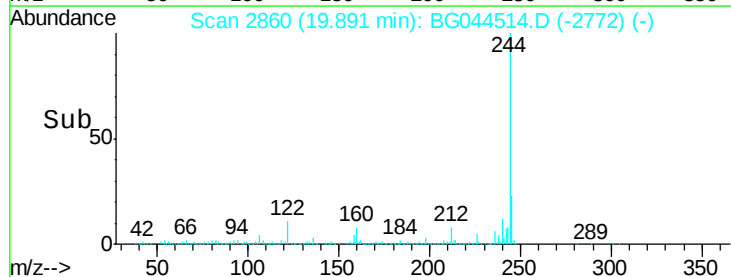
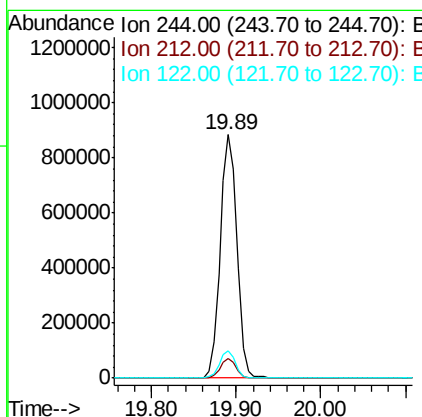
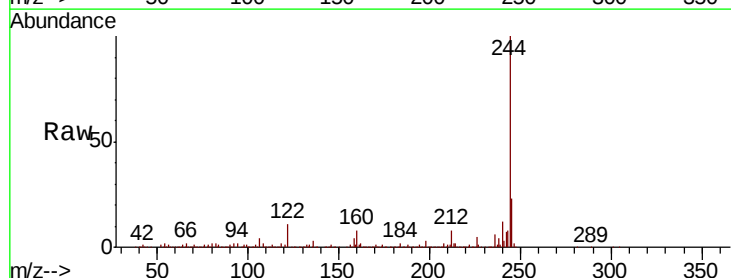
Instrument :
 BNA_G
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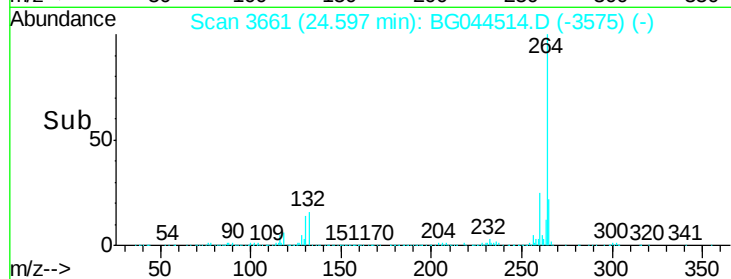
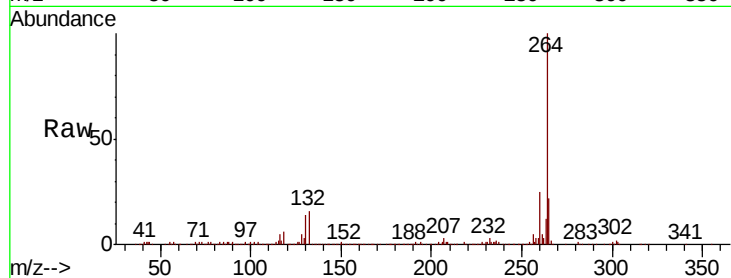
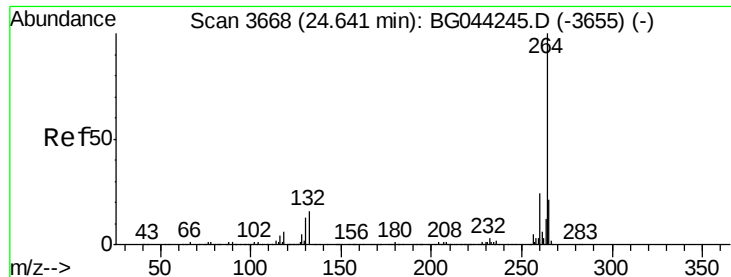
Tot Ion:240 Resp: 380044
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 27.5 22.1 33.1



#79
 Terphenyl-d14
 Concen: 66.321 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044514.D
 Acq: 20 Feb 2020 8:31

Tgt Ion:244 Resp: 1225397
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.4 11.2
 122 11.1 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044514.D
Acq: 20 Feb 2020 8:31

Instrument :
BNA_G
ClientSampleId :
LOC-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	22.5	16.7	25.1

