

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044423.D
 Acq On : 13 Feb 2020 18:40
 Operator : CG/JU
 Sample : L1510-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Feb 14 03:12:01 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	7.90	152	69934	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	297192	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	206041	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	465892	20.00	ng	0.00
76) Chrysene-d12	21.53	240	446564	20.00	ng	0.00
87) Perylene-d12	24.62	264	455169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	296284	74.77	ng	0.00
7) Phenol-d6	7.07	99	395525	74.33	ng	0.00
23) Nitrobenzene-d5	9.06	82	231378	43.95	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	154576	63.91	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	500264	40.66	ng	0.00
79) Terphenyl-d14	19.90	244	779561	35.91	ng	0.00

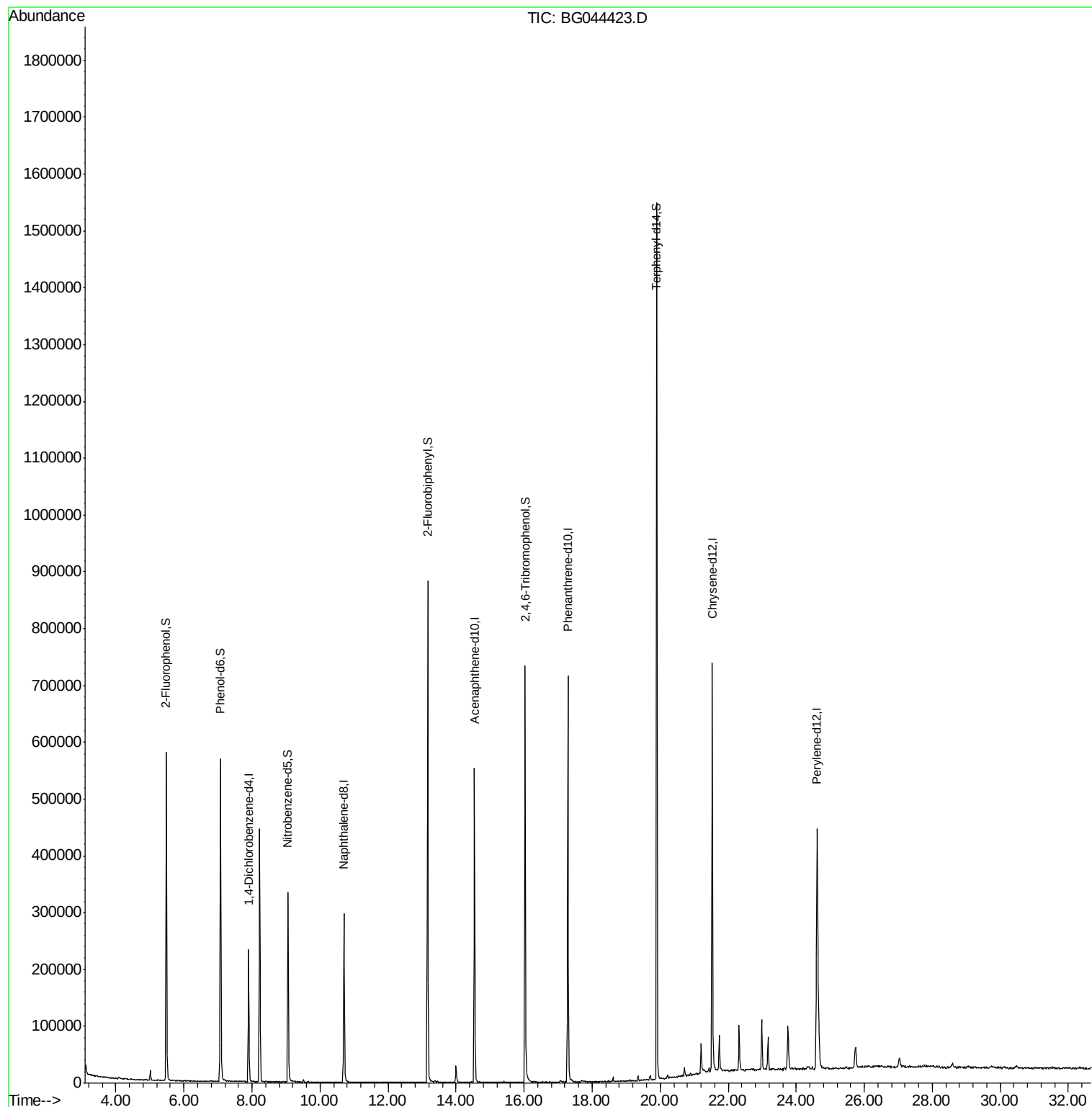
Target Compounds Qvalue

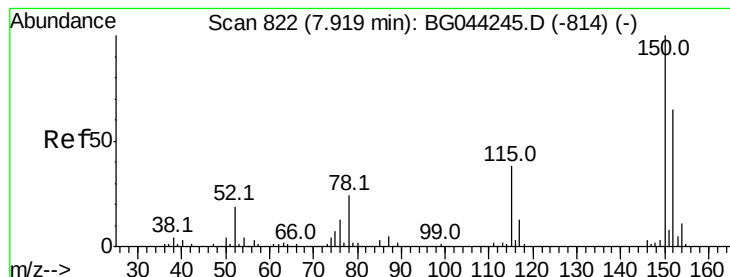
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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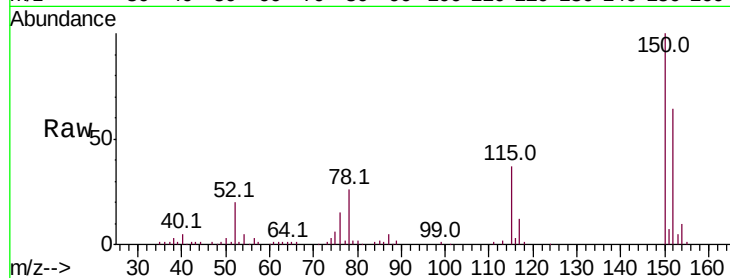


#1

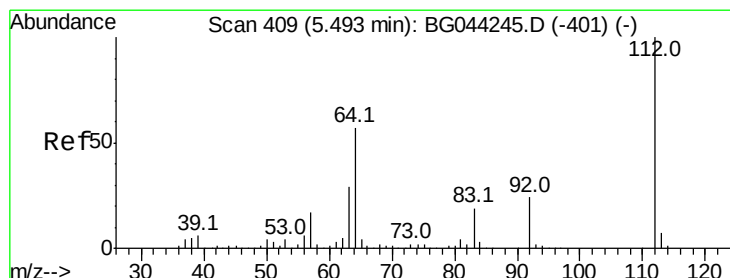
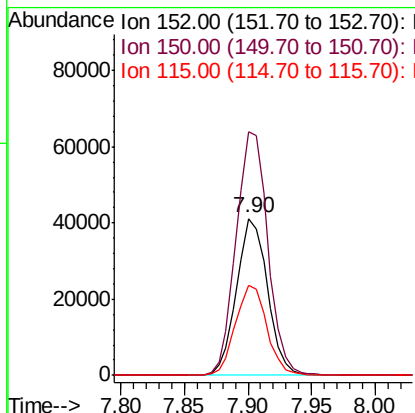
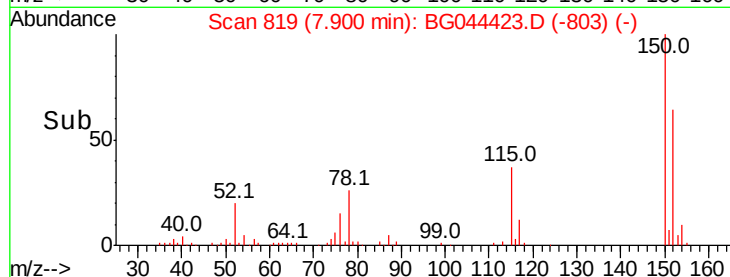
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG044423.D
Acq: 13 Feb 2020 18:40

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion:152 Resp: 69934
Ion Ratio Lower Upper
152 100
150 155.4 122.6 183.8
115 57.7 46.0 69.0



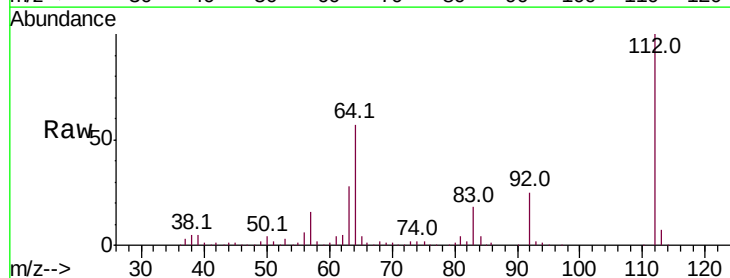
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



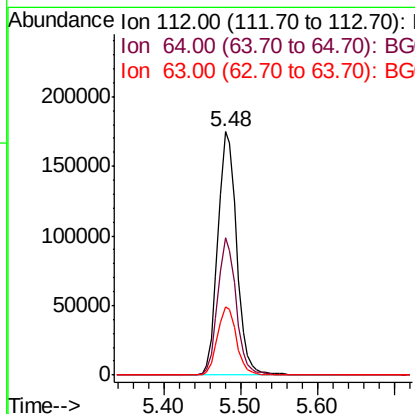
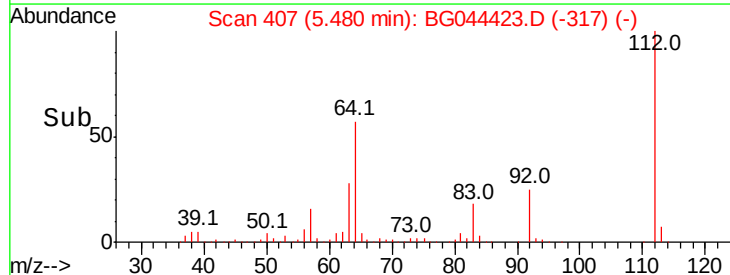
#5

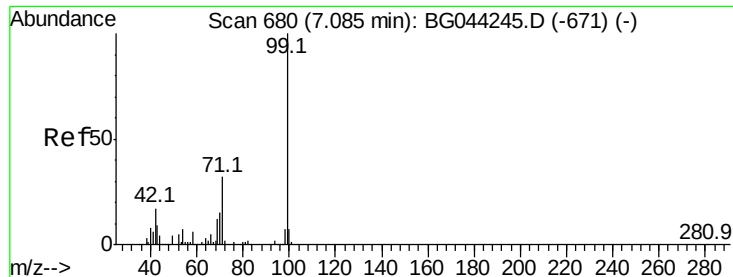
2-Fluorophenol
Concen: 74.770 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044423.D
Acq: 13 Feb 2020 18:40

Tgt Ion:112 Resp: 296284
Ion Ratio Lower Upper
112 100
64 56.6 45.4 68.2
63 28.1 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: 74.330 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044423.D

Acq: 13 Feb 2020 18:40

Instrument :

BNA_G

ClientSampled :

TP-1

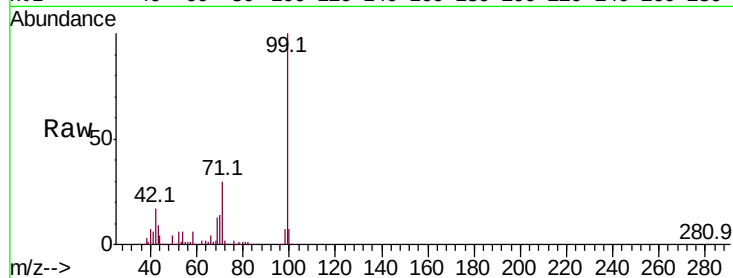
Tot Ion: 99 Resp: 395525

Ion Ratio Lower Upper

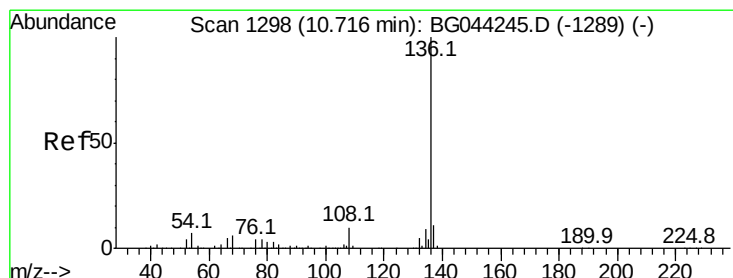
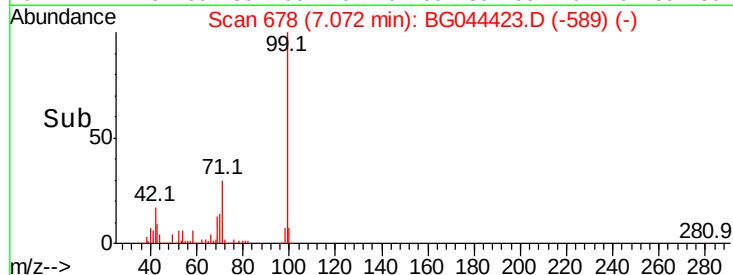
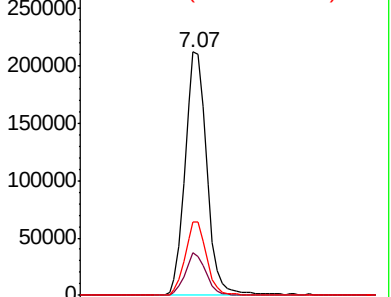
99 100

42 17.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044423.D

Acq: 13 Feb 2020 18:40

Tgt Ion: 136 Resp: 297192

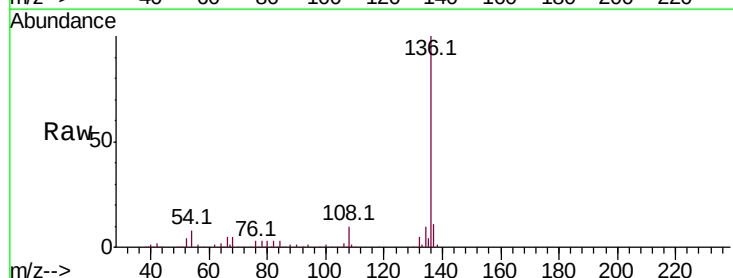
Ion Ratio Lower Upper

136 100

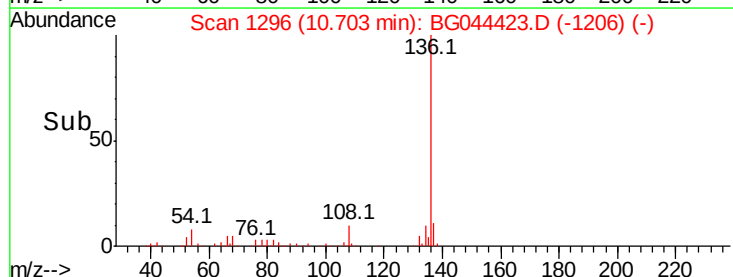
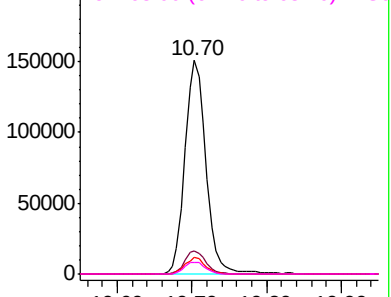
137 10.9 8.8 13.2

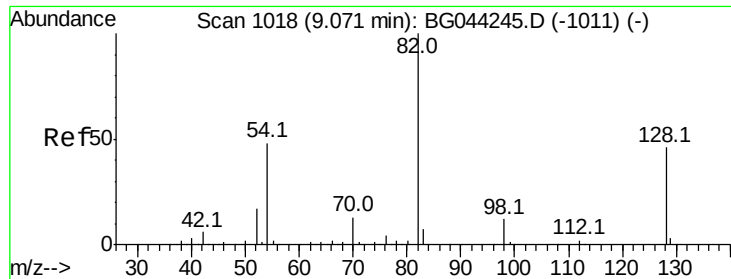
54 7.8 5.8 8.8

68 5.4 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

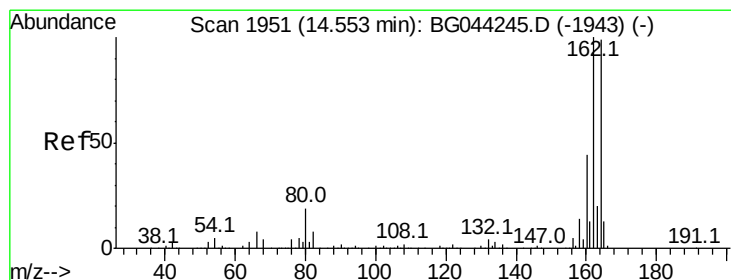
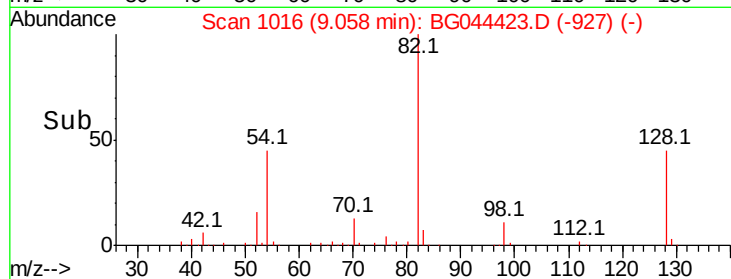
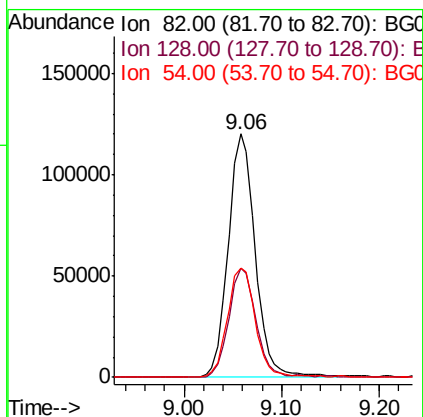
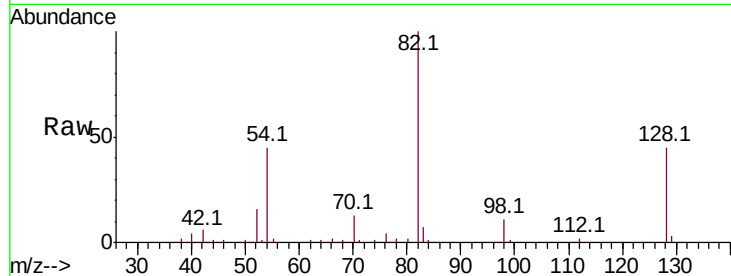




#23
 Nitrobenzene-d5
 Concen: 43.954 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044423.D
 Acq: 13 Feb 2020 18:40

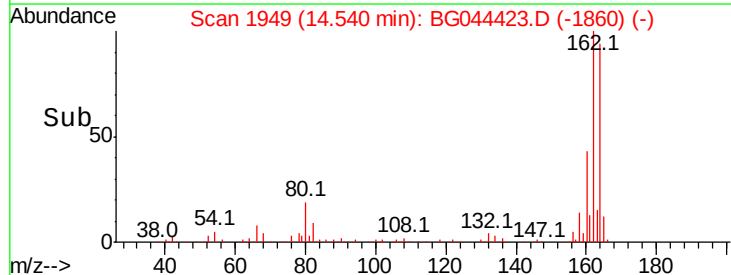
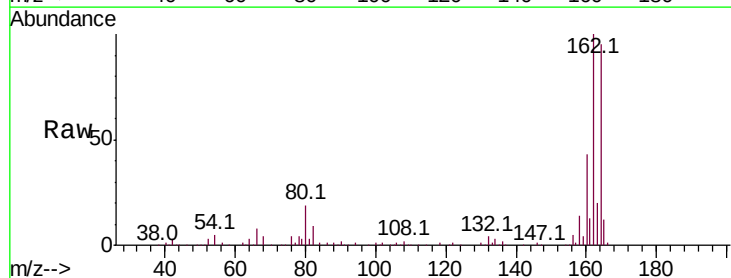
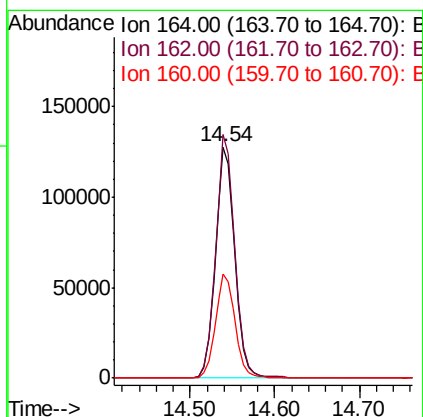
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

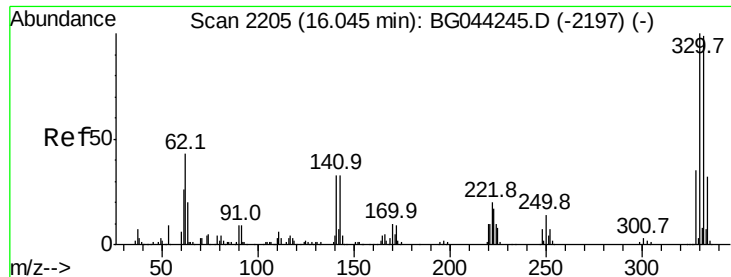
Tot Ion	82	Resp	231378
Ion Ratio	Lower	Upper	
82	100		
128	44.9	36.5	54.7
54	44.8	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BG044423.D
 Acq: 13 Feb 2020 18:40

Tgt Ion	164	Resp	206041
Ion Ratio	Lower	Upper	
164	100		
162	105.3	80.7	121.1
160	45.1	35.3	52.9

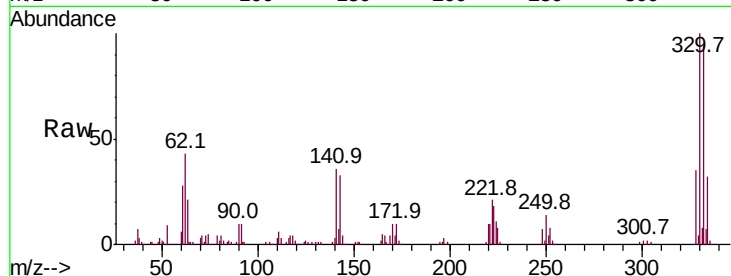




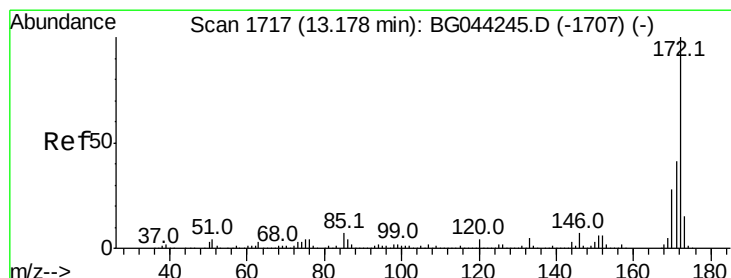
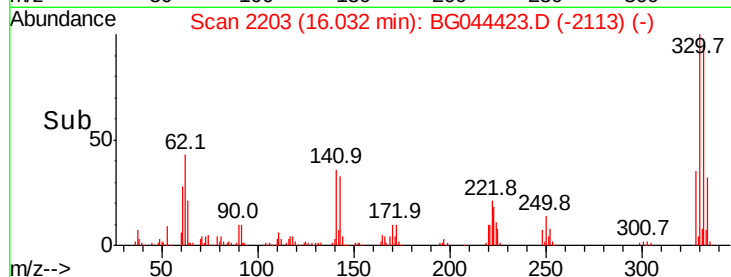
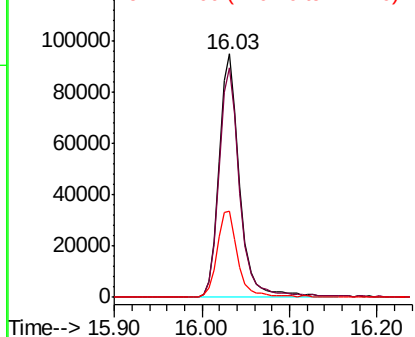
#42
 2,4,6-Tribromophenol
 Concen: 63.906 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG044423.D
 Acq: 13 Feb 2020 18:40

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion:330 Resp: 154576
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.2 115.8
 141 36.0 28.3 42.5

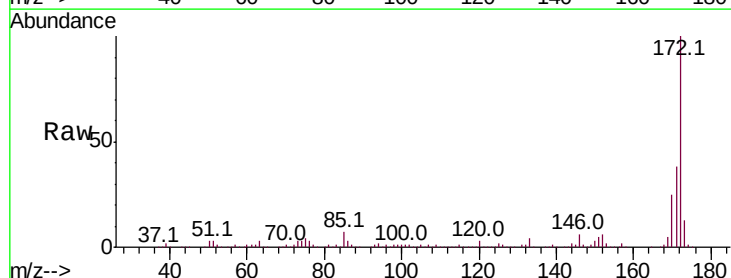


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

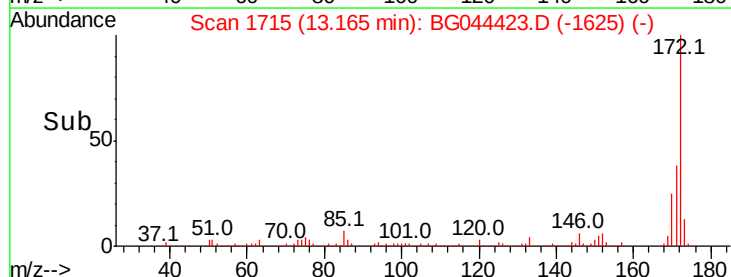
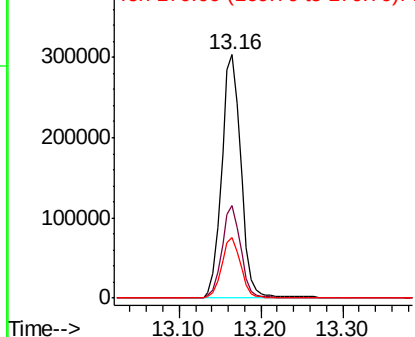


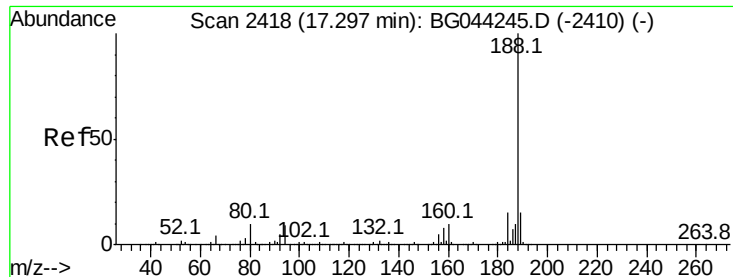
#45
 2-Fluorobiphenyl
 Concen: 40.658 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044423.D
 Acq: 13 Feb 2020 18:40

Tgt Ion:172 Resp: 500264
 Ion Ratio Lower Upper
 172 100
 171 38.1 32.9 49.3
 170 24.8 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG044423.D

Acq: 13 Feb 2020 18:40

Instrument :

BNA_G

ClientSampleId :

TP-1

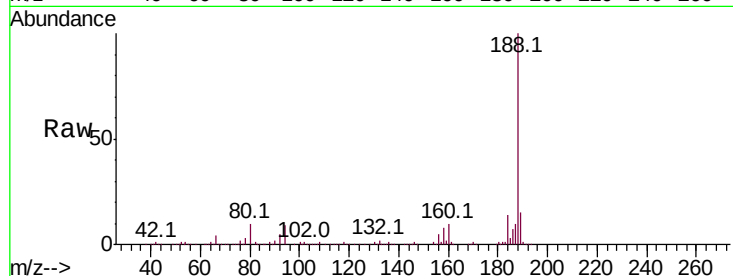
Tot Ion:188 Resp: 465892

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

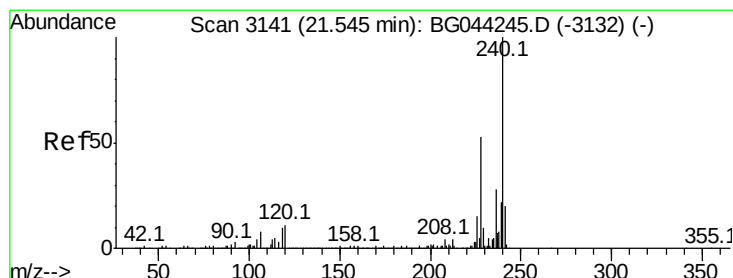
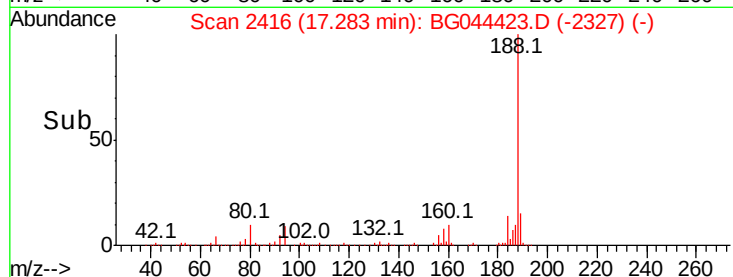
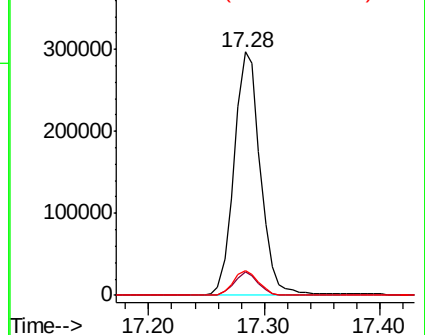
80 10.1 7.7 11.5



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: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044423.D

Acq: 13 Feb 2020 18:40

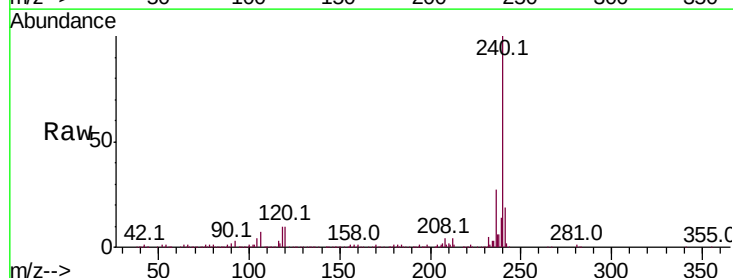
Tgt Ion:240 Resp: 446564

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

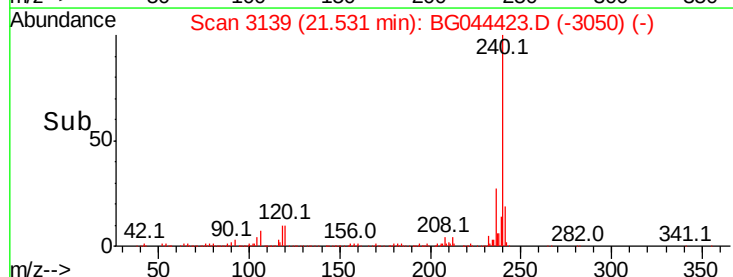
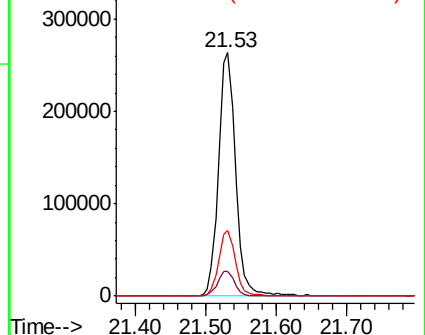
236 26.8 22.1 33.1

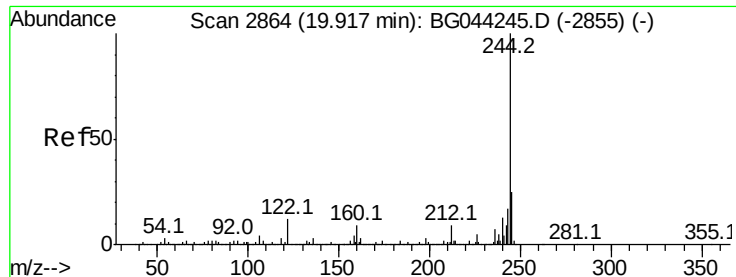


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 35.907 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044423.D

Acq: 13 Feb 2020 18:40

Instrument :

BNA_G

ClientSampleId :

TP-1

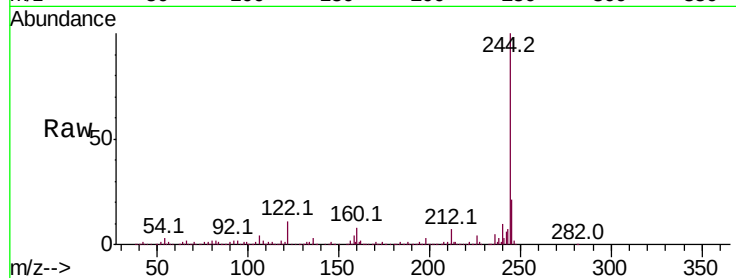
Tot Ion:244 Resp: 779561

Ion Ratio Lower Upper

244 100

212 7.3 7.4 11.2#

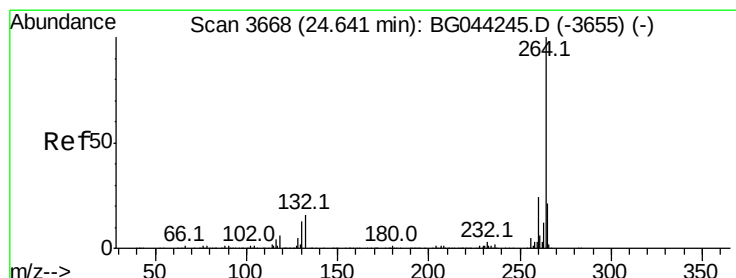
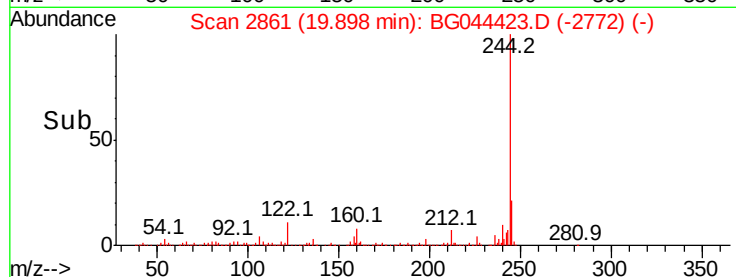
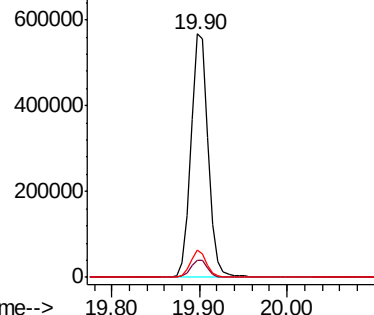
122 11.3 9.8 14.6



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: 24.62 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG044423.D

Acq: 13 Feb 2020 18:40

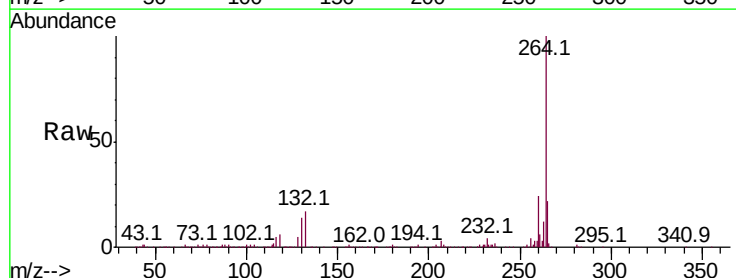
Tgt Ion:264 Resp: 455169

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.8 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

