

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044479.D
 Acq On : 18 Feb 2020 19:19
 Operator : CG/JU
 Sample : L1544-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-5-1

Quant Time: Feb 19 01:33:16 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	69045	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	293914	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	202215	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	434560	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	396724	20.00	ng	-0.01
87) Perylene-d12	24.61	264	429745	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	515364	131.73	ng	0.00
7) Phenol-d6	7.07	99	618367	117.70	ng	0.00
23) Nitrobenzene-d5	9.05	82	464001	89.13	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	330308	139.14	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1079911	89.43	ng	0.00
79) Terphenyl-d14	19.90	244	1673784	86.78	ng	0.00

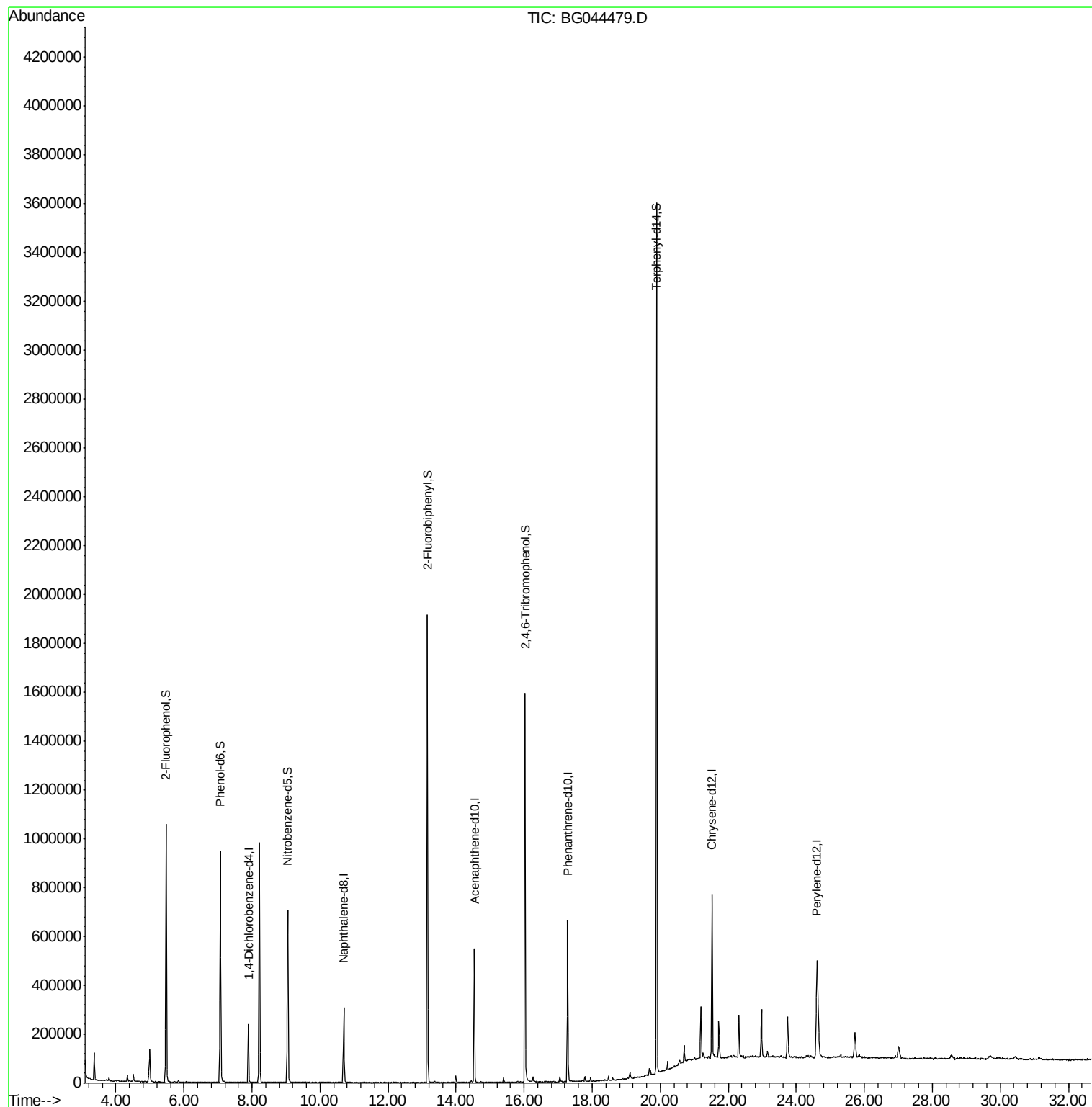
Target Compounds Qvalue

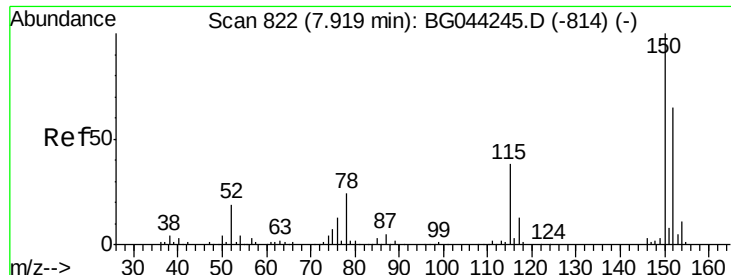
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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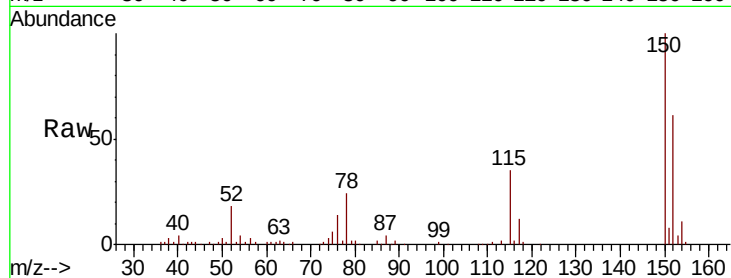


#1

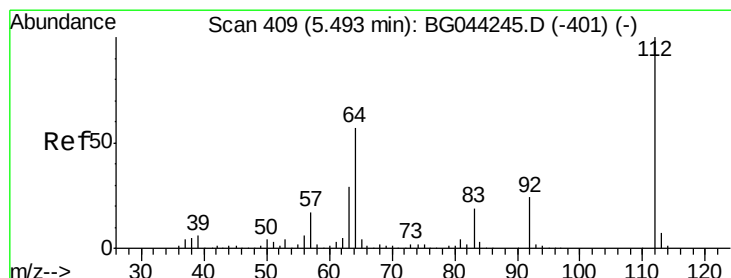
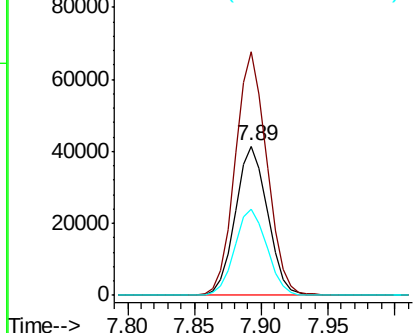
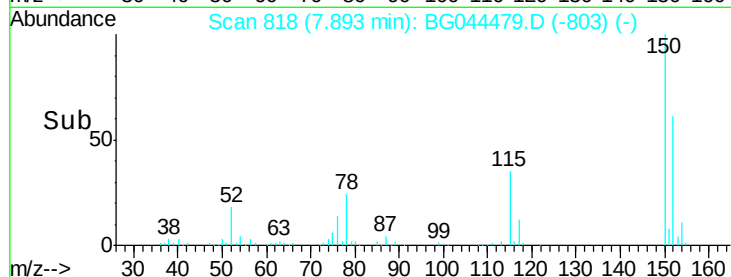
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044479.D
 Acq: 18 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampled :
 2-5-1

Tot Ion:152 Resp: 69045
 Ion Ratio Lower Upper
 152 100
 150 163.4 122.6 183.8
 115 57.6 46.0 69.0



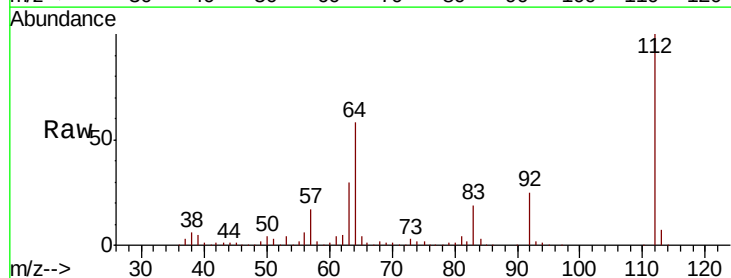
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



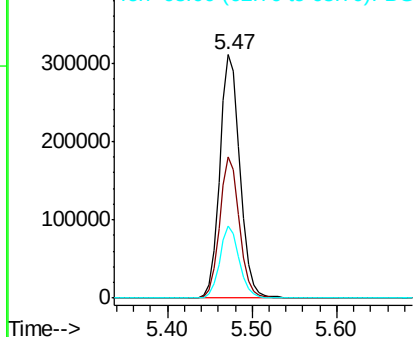
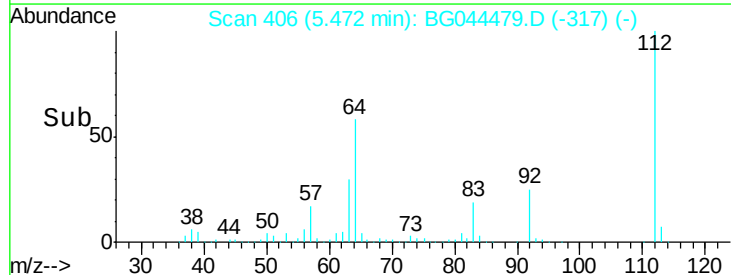
#5

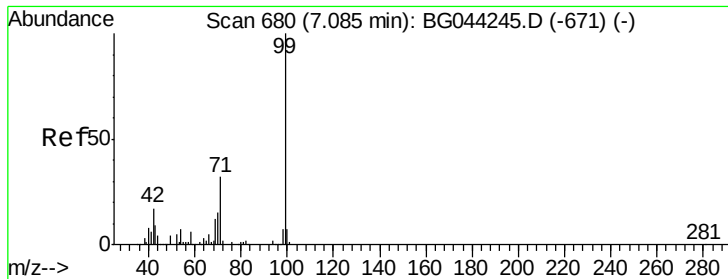
2-Fluorophenol
 Concen: 131.731 ng
 RT: 5.47 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BG044479.D
 Acq: 18 Feb 2020 19:19

Tgt Ion:112 Resp: 515364
 Ion Ratio Lower Upper
 112 100
 64 57.8 45.4 68.2
 63 29.6 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 117.704 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044479.D

Acq: 18 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

2-5-1

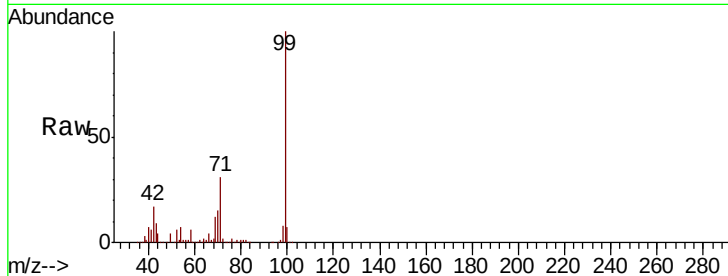
Tot Ion: 99 Resp: 618367

Ion Ratio Lower Upper

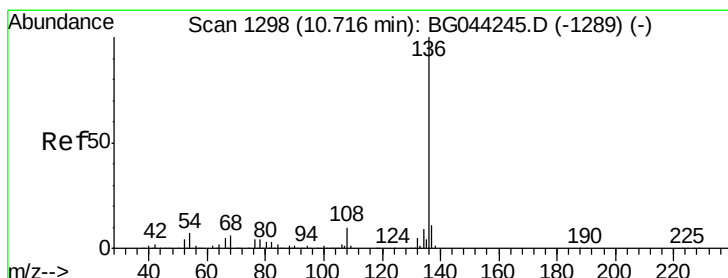
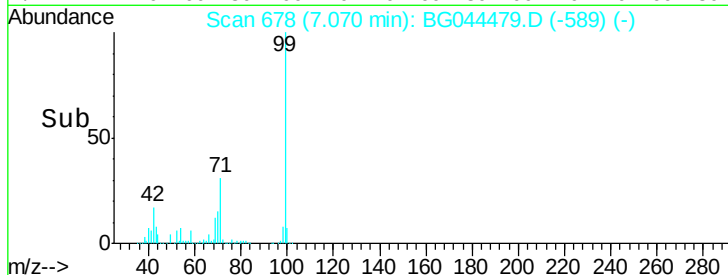
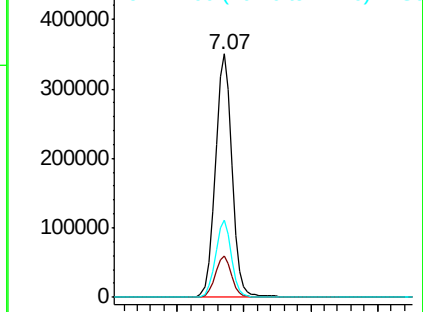
99 100

42 17.1 13.8 20.6

71 31.5 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# 1295

Delta R.T. -0.01 min

Lab File: BG044479.D

Acq: 18 Feb 2020 19:19

Tgt Ion: 136 Resp: 293914

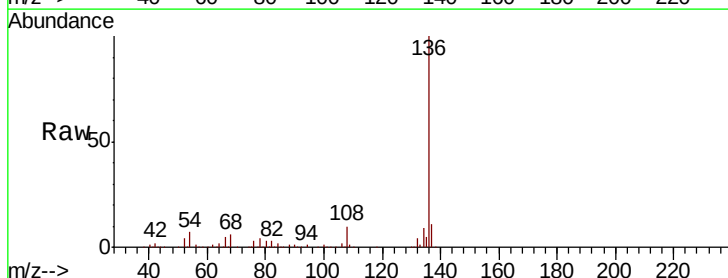
Ion Ratio Lower Upper

136 100

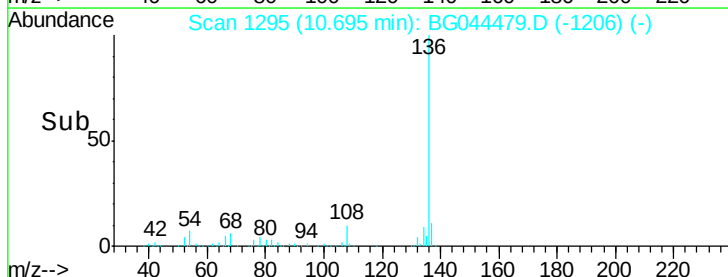
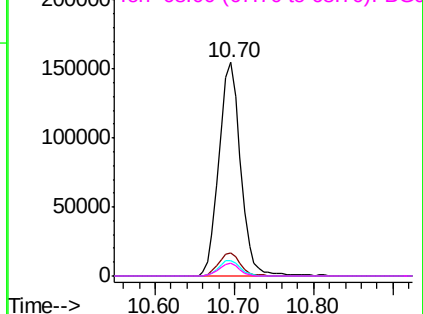
137 11.1 8.8 13.2

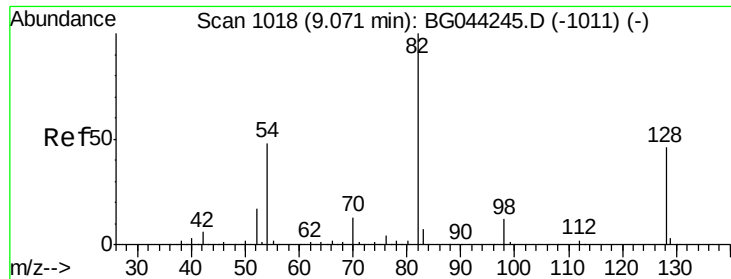
54 7.2 5.8 8.8

68 5.8 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

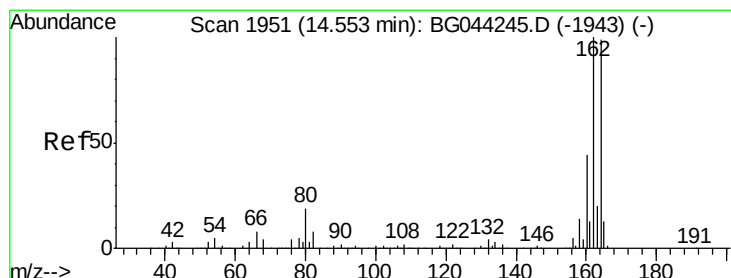
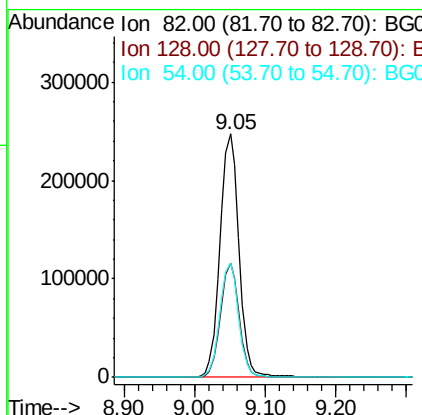
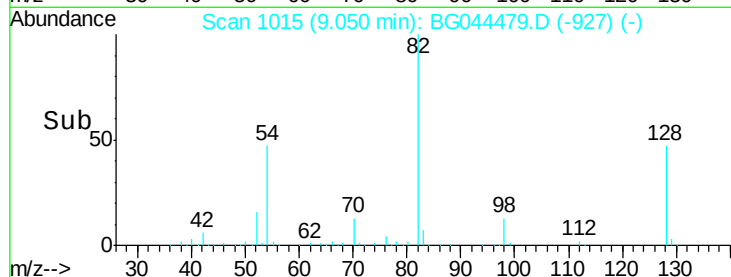
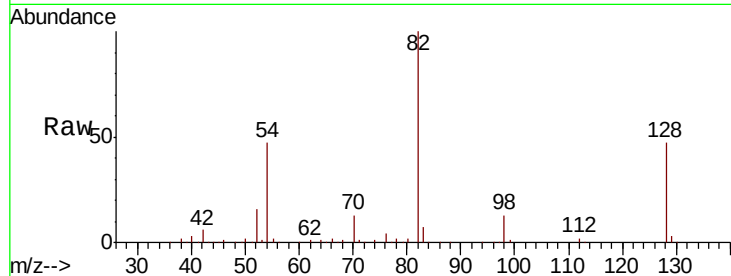




#23
Nitrobenzene-d5
Concen: 89.127 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044479.D
Acq: 18 Feb 2020 19:19

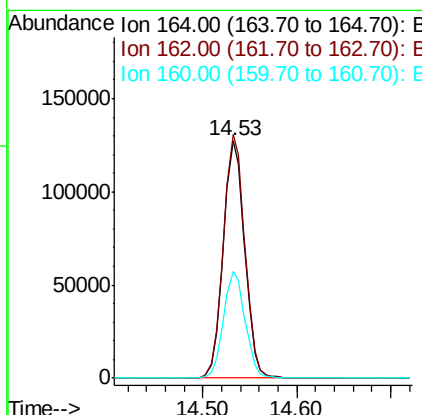
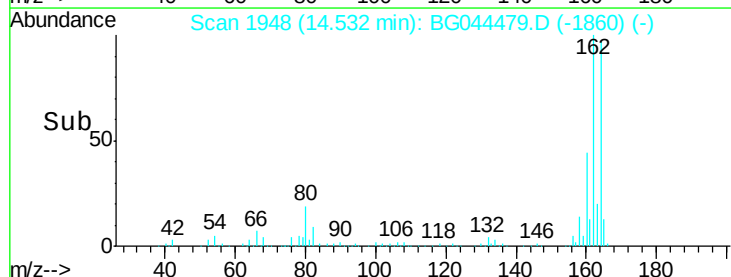
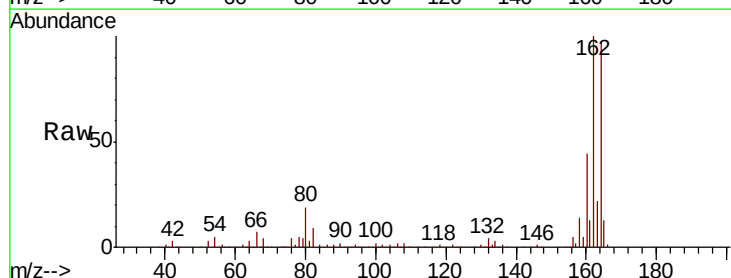
Instrument :
BNA_G
ClientSampleId :
2-5-1

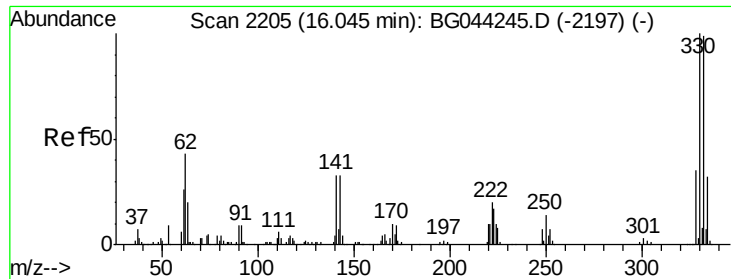
Tot Ion	82	Resp	464001
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
128	47.0		
54	46.9		
	38.6		
	58.0		



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044479.D
Acq: 18 Feb 2020 19:19

Tgt Ion	164	Resp	202215
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
162	102.6		
160	45.1		
	35.3		
	52.9		





#42

2,4,6-Tribromophenol

Concen: 139.142 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044479.D

Acq: 18 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

2-5-1

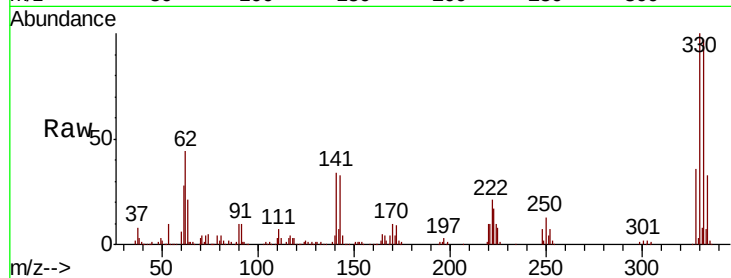
Tot Ion:330 Resp: 330308

Ion Ratio Lower Upper

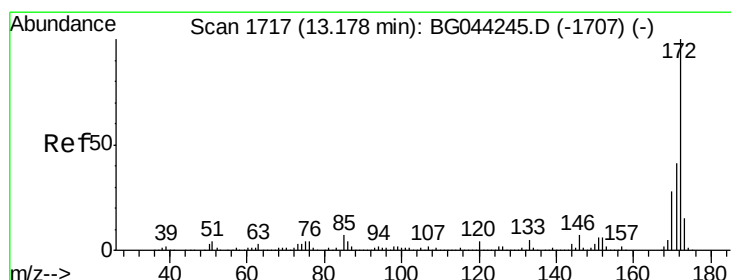
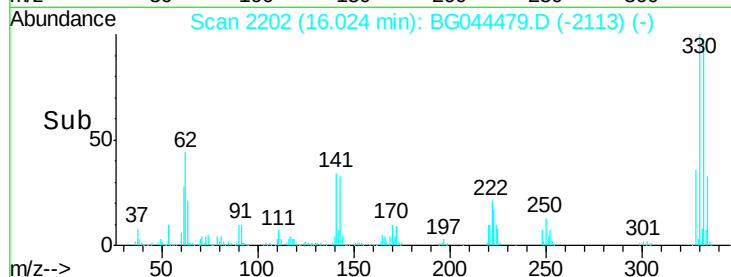
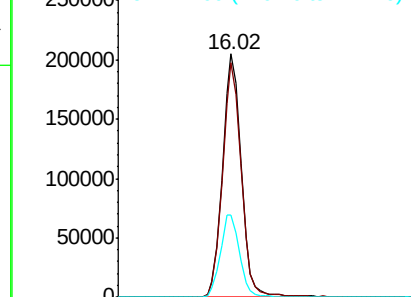
330 100

332 96.2 77.2 115.8

141 35.1 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: 89.428 ng

RT: 13.16 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG044479.D

Acq: 18 Feb 2020 19:19

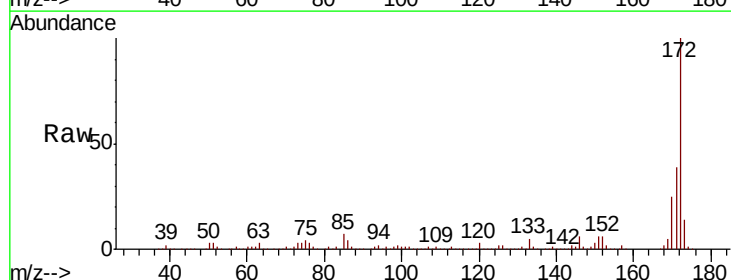
Tgt Ion:172 Resp: 1079911

Ion Ratio Lower Upper

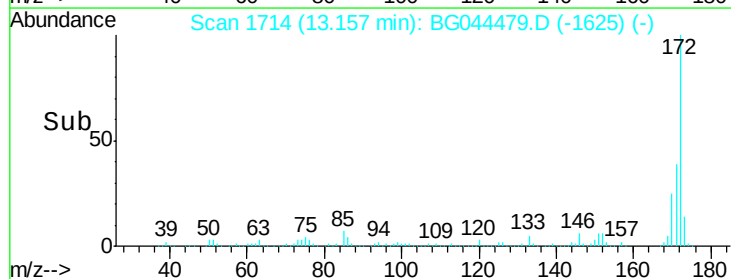
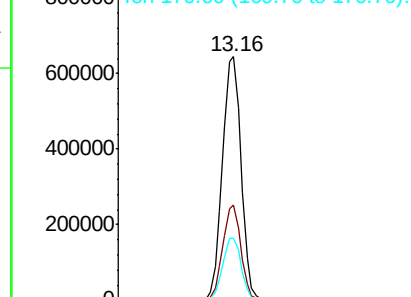
172 100

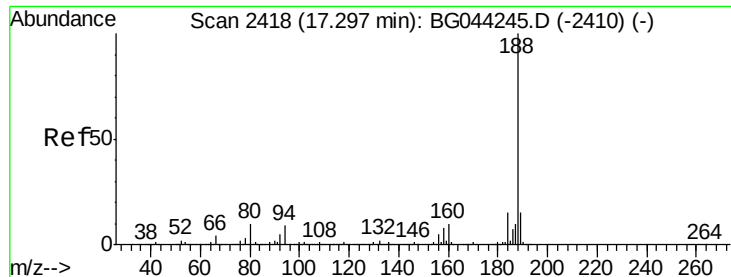
171 39.3 32.9 49.3

170 25.4 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# 2415

Delta R.T. -0.01 min

Lab File: BG044479.D

Acq: 18 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

2-5-1

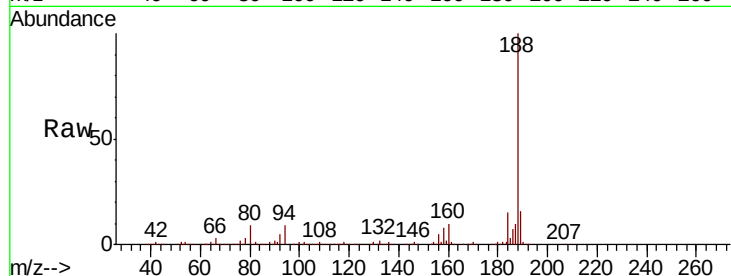
Tot Ion:188 Resp: 434560

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

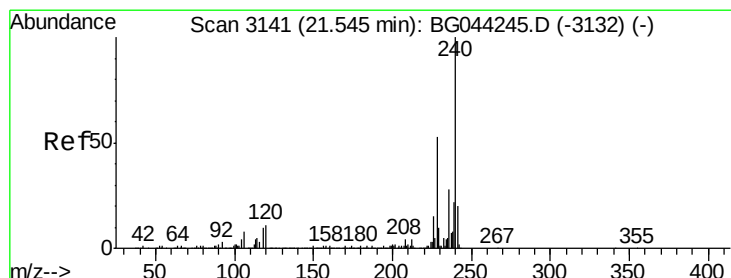
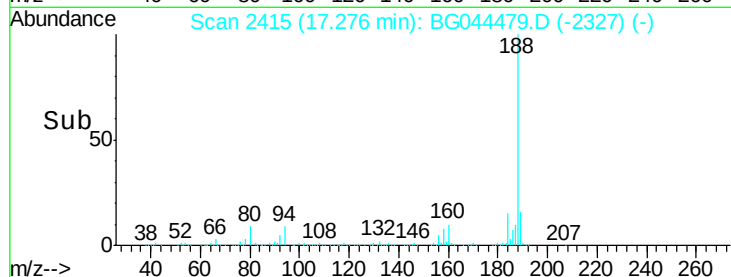
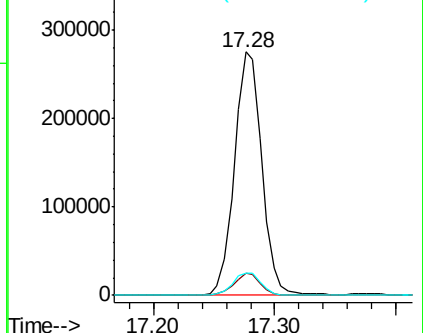
80 9.2 7.7 11.5



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: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044479.D

Acq: 18 Feb 2020 19:19

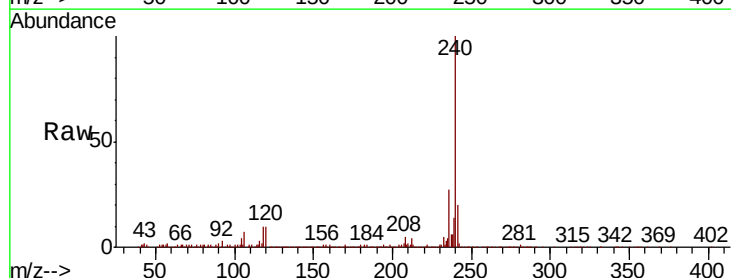
Tgt Ion:240 Resp: 396724

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

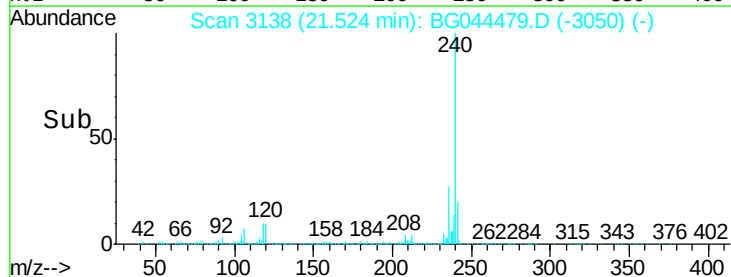
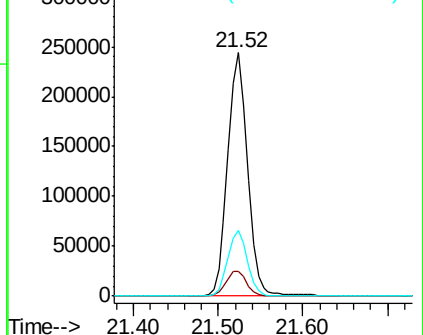
236 27.0 22.1 33.1

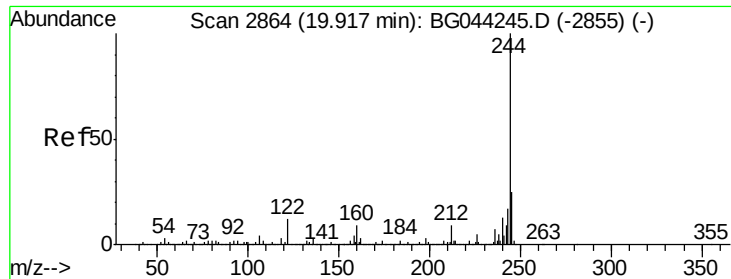


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.780 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044479.D

Acq: 18 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

2-5-1

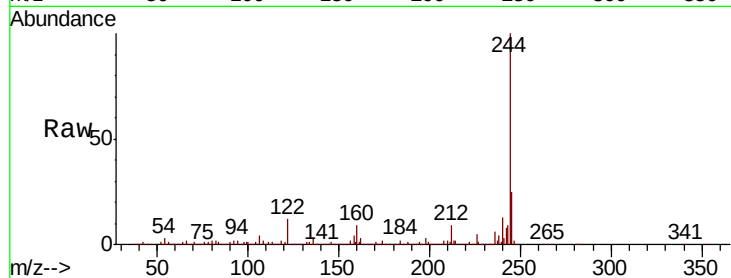
Tot Ion:244 Resp: 1673784

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.2

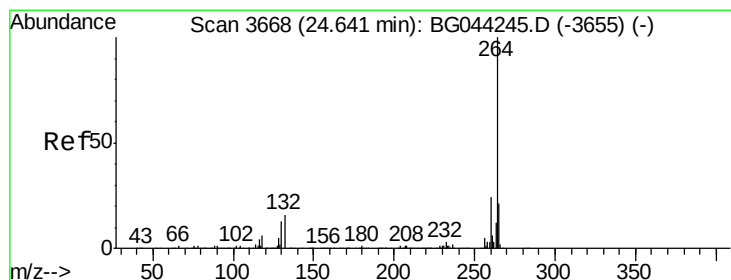
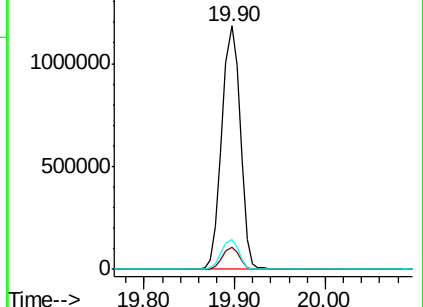
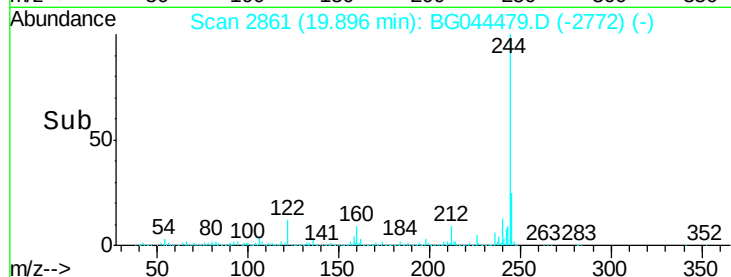
122 12.1 9.8 14.6



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: 24.61 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BG044479.D

Acq: 18 Feb 2020 19:19

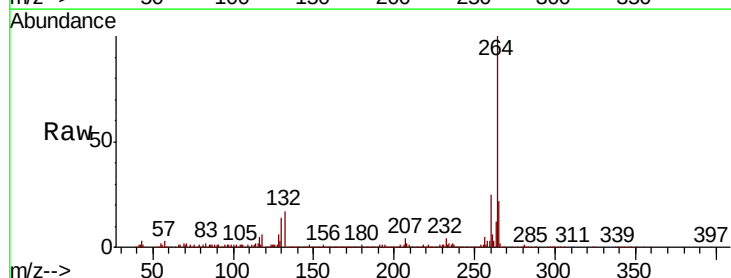
Tgt Ion:264 Resp: 429745

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 22.1 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

