

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043590.D
 Acq On : 11 Nov 2019 19:20
 Operator : JU
 Sample : PB124701BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BL

Quant Time: Nov 12 01:26:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	28755	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	114575	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	87812	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	228734	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	205540	20.00	ng	-0.01
87) Perylene-d12	24.83	264	241364	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	191640	122.12	ng	0.00
7) Phenol-d6	7.20	99	269262	119.26	ng	0.00
23) Nitrobenzene-d5	9.16	82	159333	71.69	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	180693	108.13	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	463884	73.00	ng	-0.01
79) Terphenyl-d14	19.99	244	1036485	94.60	ng	-0.01

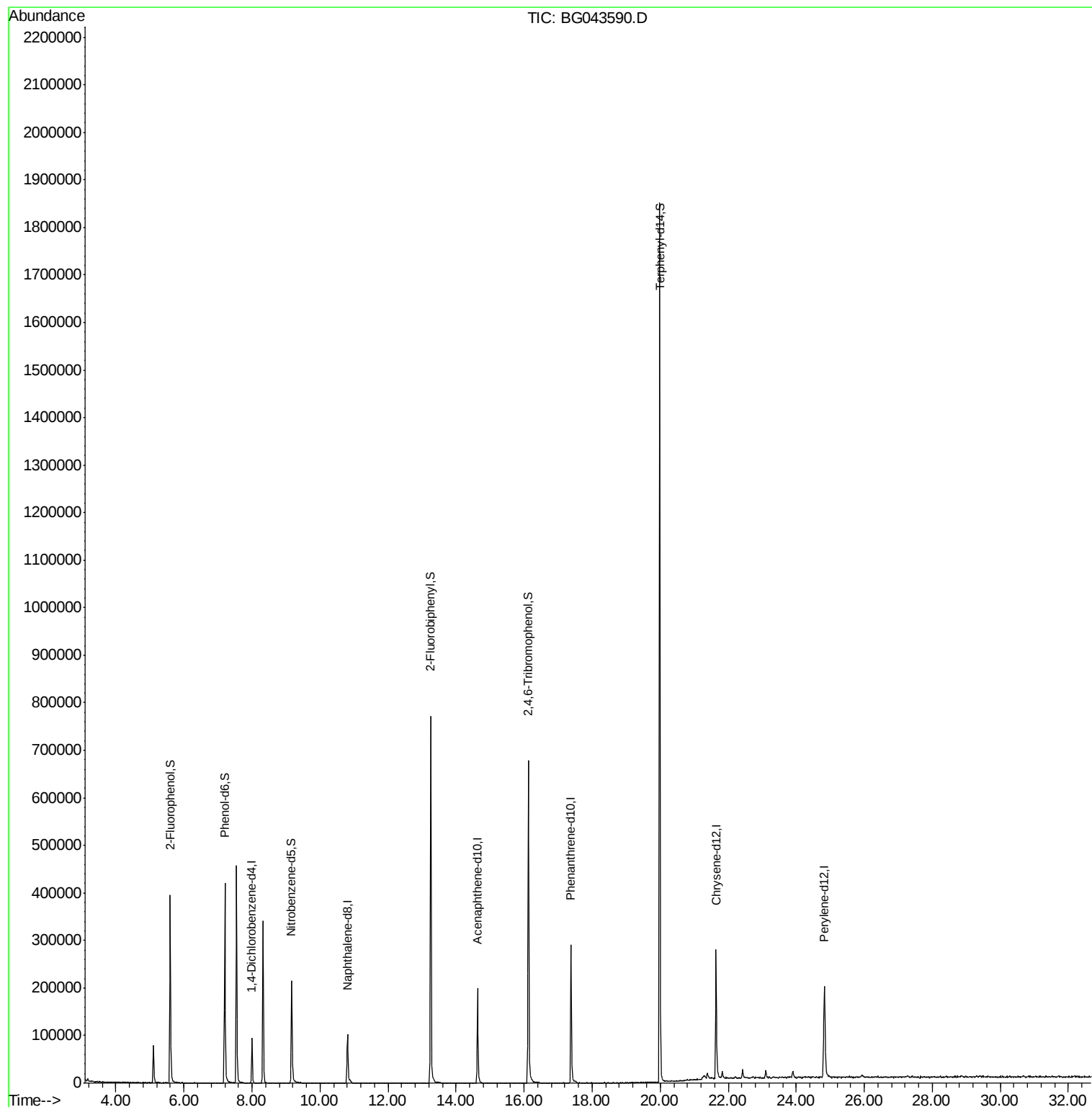
Target Compounds Qvalue

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

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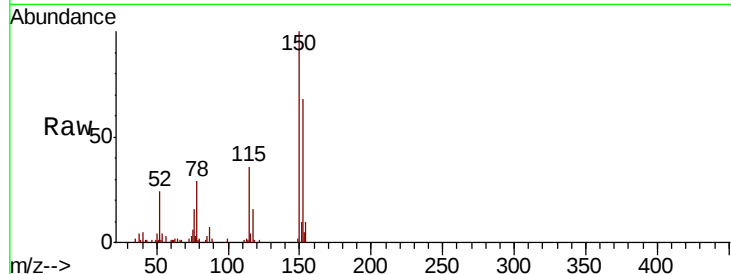


#1

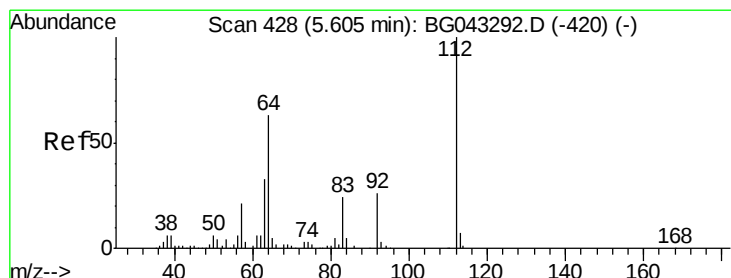
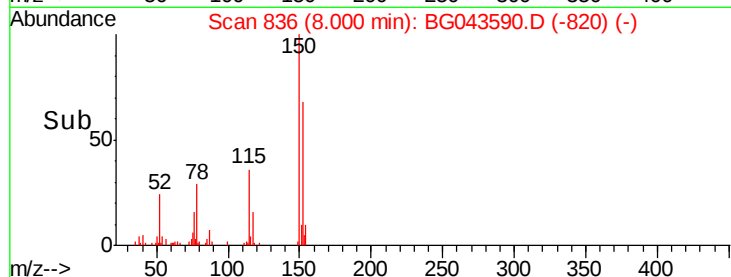
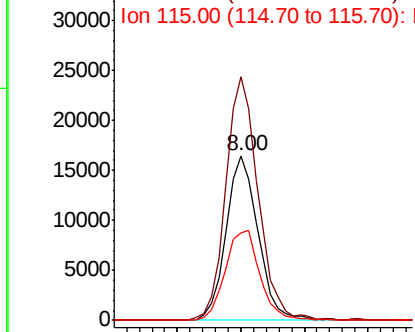
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043590.D
Acq: 11 Nov 2019 19:20

Instrument :
BNA_G
ClientSampleId :
PB124701BL

Tot Ion:152 Resp: 28755
Ion Ratio Lower Upper
152 100
150 148.0 129.4 194.0
115 53.0 48.8 73.2



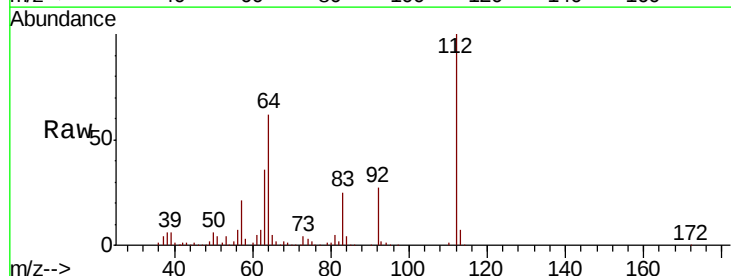
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



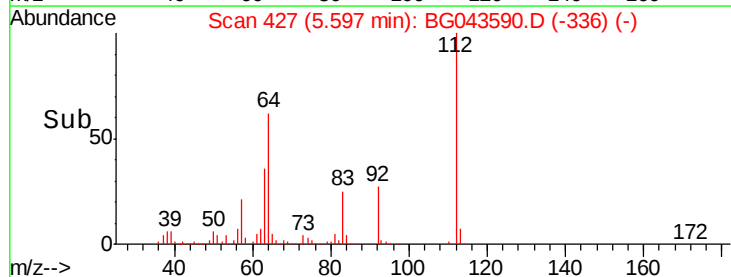
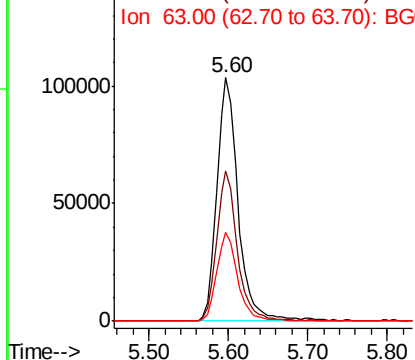
#5

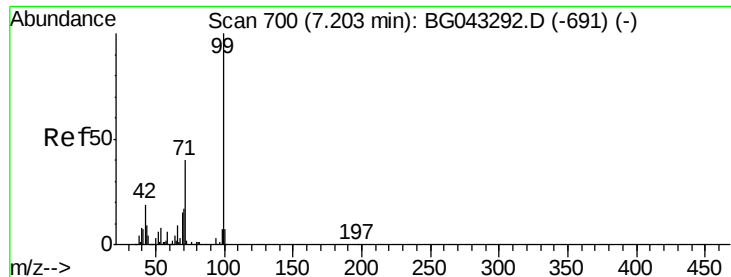
2-Fluorophenol
Concen: 122.125 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043590.D
Acq: 11 Nov 2019 19:20

Tgt Ion:112 Resp: 191640
Ion Ratio Lower Upper
112 100
64 61.6 50.0 75.0
63 36.4 26.6 40.0



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: 119.262 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043590.D

Acq: 11 Nov 2019 19:20

Instrument :

BNA_G

ClientSampleId :

PB124701BL

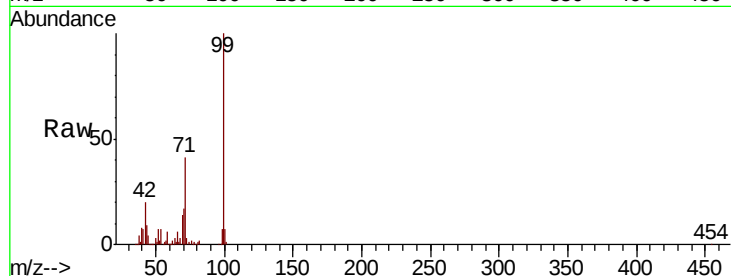
Tot Ion: 99 Resp: 269262

Ion Ratio Lower Upper

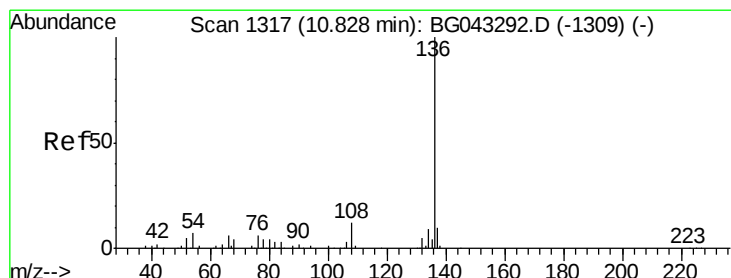
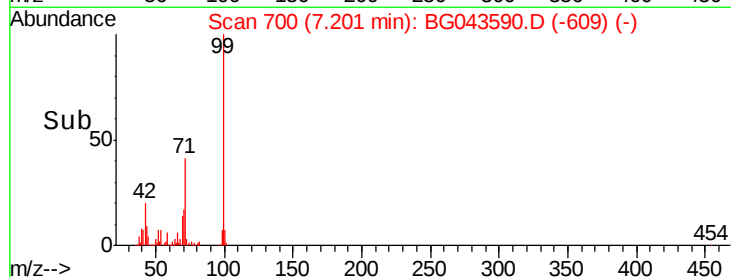
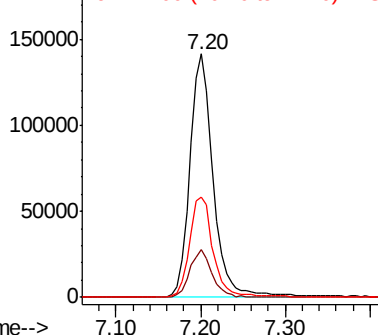
99 100

42 19.7 14.6 21.8

71 41.4 32.5 48.7



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: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043590.D

Acq: 11 Nov 2019 19:20

Tgt Ion: 136 Resp: 114575

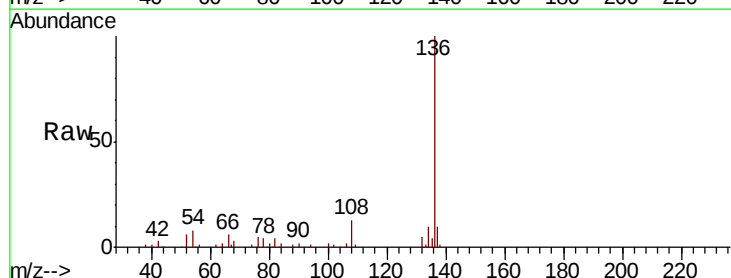
Ion Ratio Lower Upper

136 100

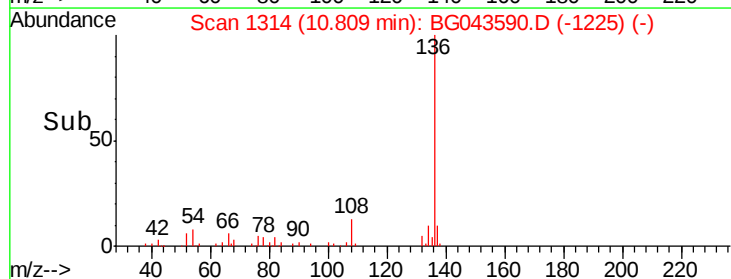
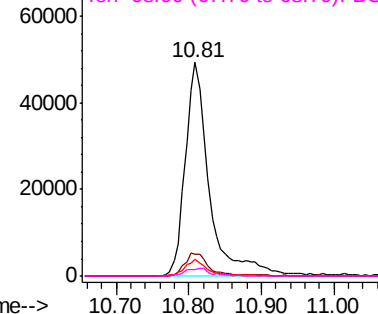
137 10.3 8.7 13.1

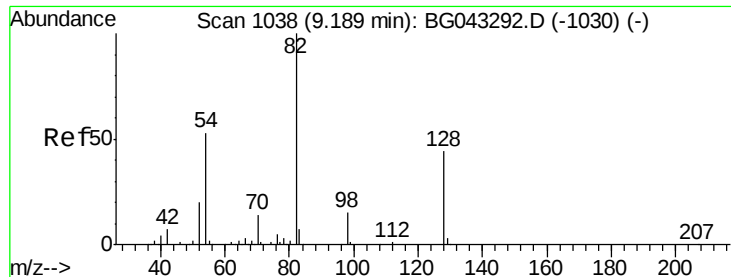
54 7.5 5.4 8.2

68 3.3 3.0 4.4



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

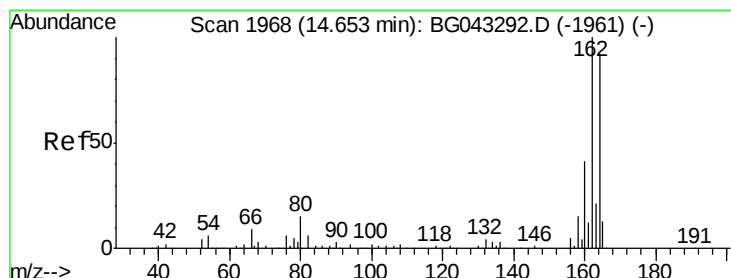
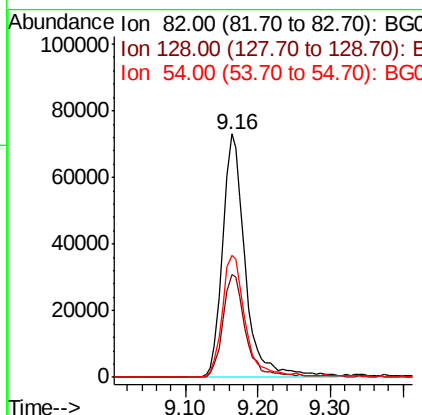
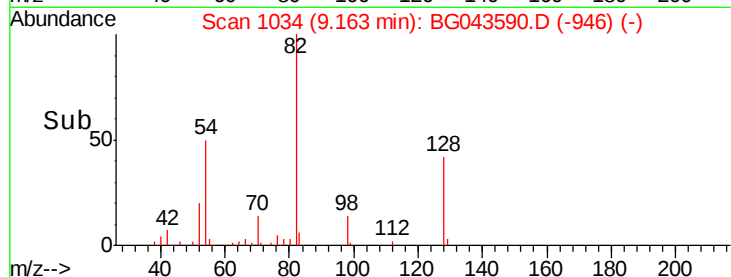
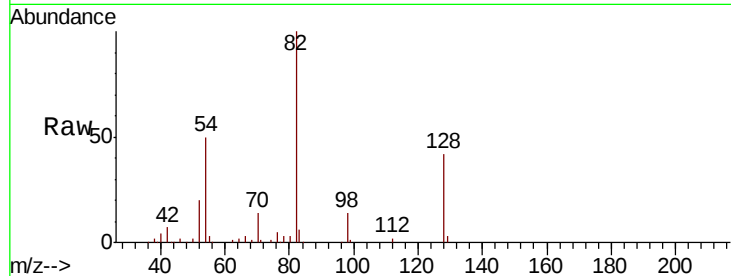




#23
Nitrobenzene-d5
Concen: 71.694 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043590.D
Acq: 11 Nov 2019 19:20

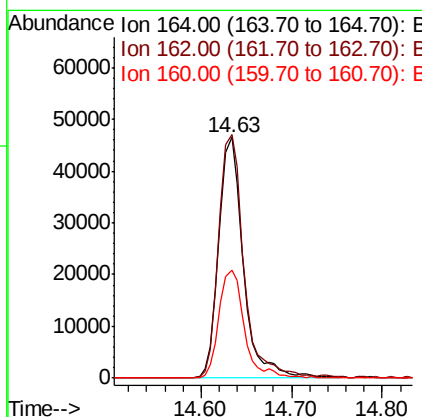
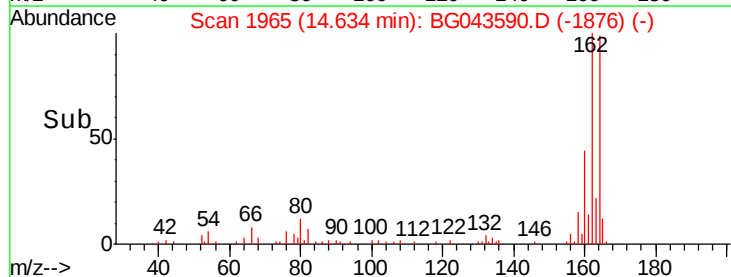
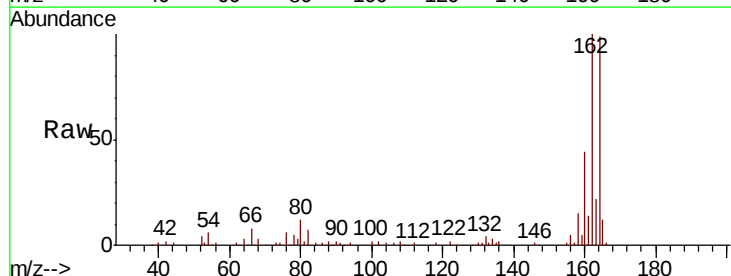
Instrument :
BNA_G
ClientSampleId :
PB124701BL

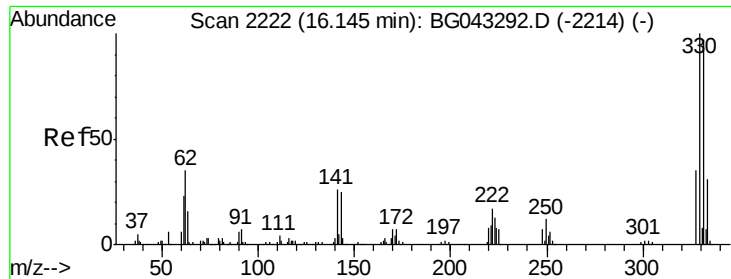
Tot Ion	82	Resp	159333
Ion Ratio	Lower	Upper	
82	100		
128	42.2	35.0	52.6
54	50.2	40.2	60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043590.D
Acq: 11 Nov 2019 19:20

Tgt Ion	164	Resp	87812
Ion Ratio	Lower	Upper	
164	100		
162	101.2	83.5	125.3
160	44.8	36.5	54.7

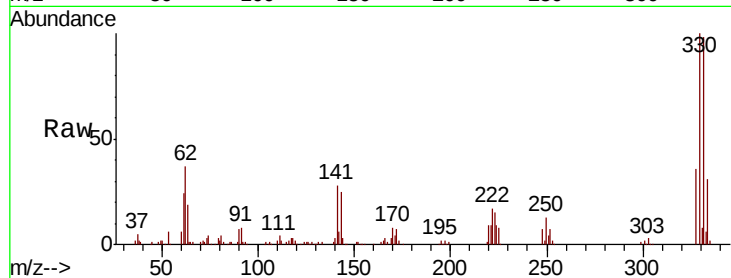




#42
 2,4,6-Tribromophenol
 Concen: 108.130 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043590.D
 Acq: 11 Nov 2019 19:20

Instrument :
 BNA_G
 ClientSampleId :
 PB124701BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	29.2	22.8	34.2

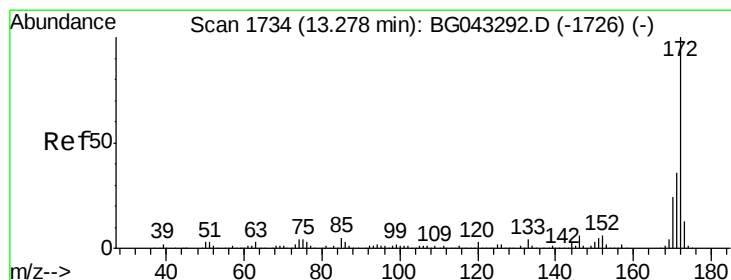
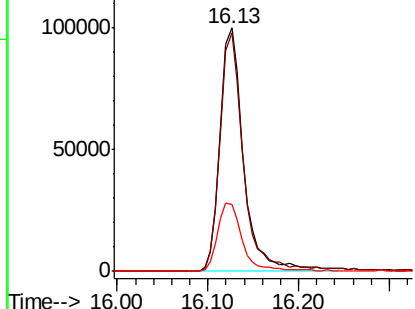
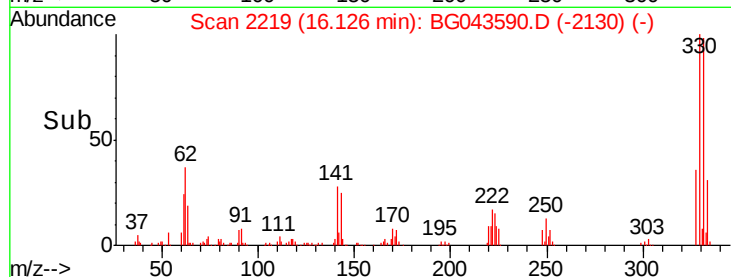


Abundance

Ion 329.80 (329.50 to 330.50): E

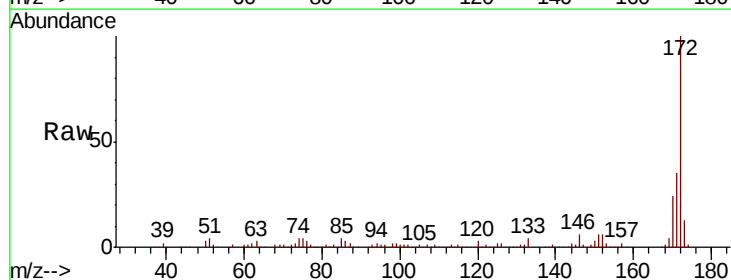
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.996 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043590.D
 Acq: 11 Nov 2019 19:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.9	43.3
170	23.8	18.5	27.7

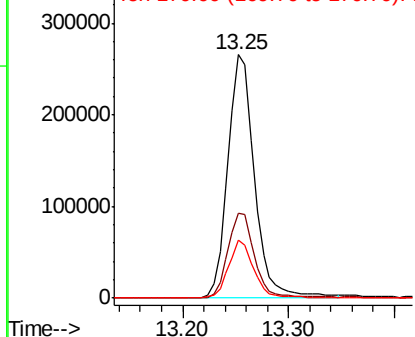
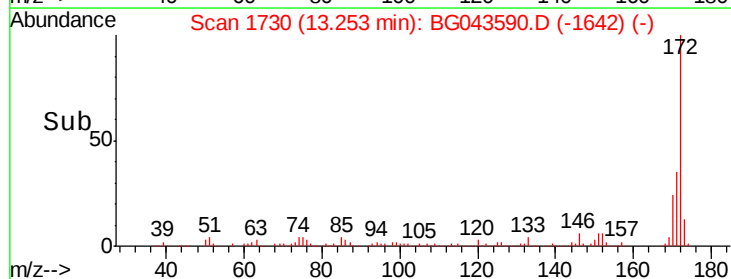


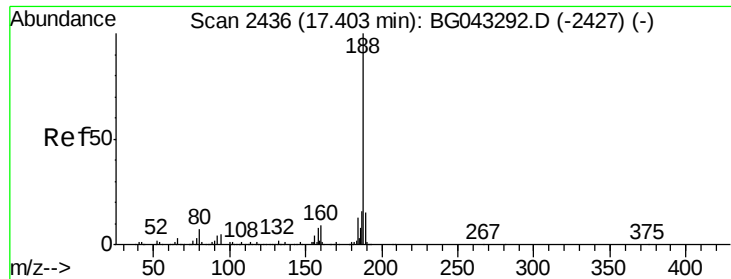
Abundance

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: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043590.D

Acq: 11 Nov 2019 19:20

Instrument :

BNA_G

ClientSampleId :

PB124701BL

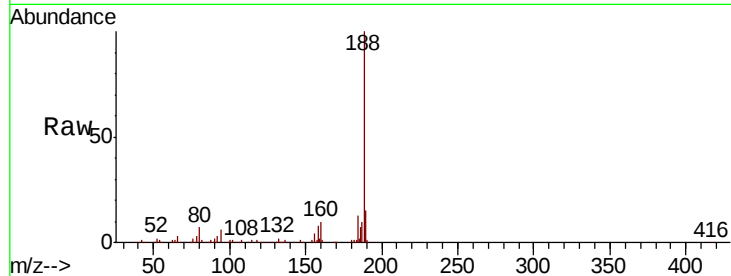
Tot Ion:188 Resp: 228734

Ion Ratio Lower Upper

188 100

94 5.8 4.2 6.4

80 7.1 4.5 6.7#



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

150000

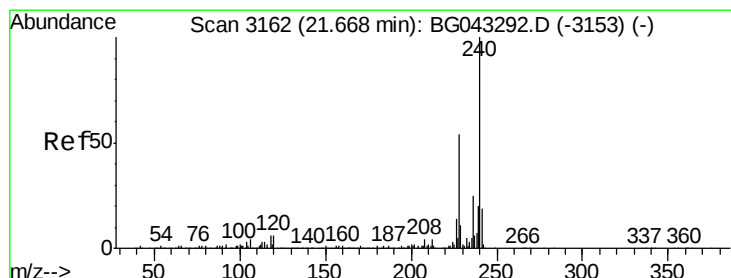
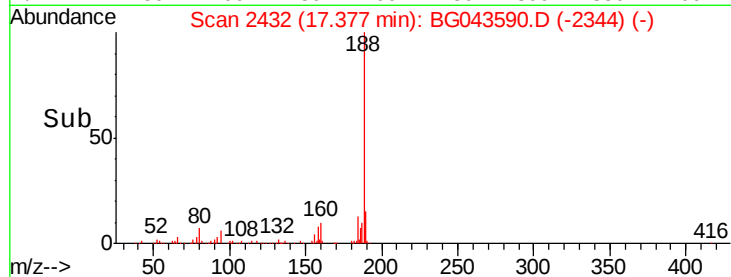
17.38

100000

50000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043590.D

Acq: 11 Nov 2019 19:20

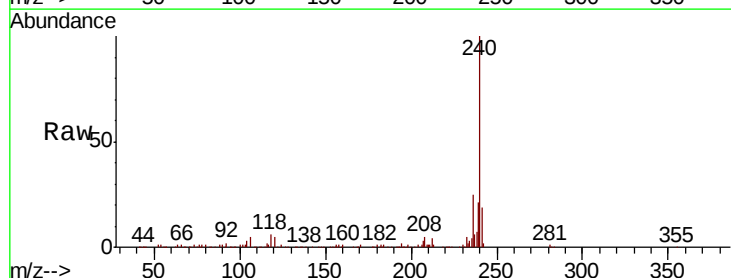
Tgt Ion:240 Resp: 205540

Ion Ratio Lower Upper

240 100

120 5.1 4.6 6.8

236 24.8 19.8 29.8



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

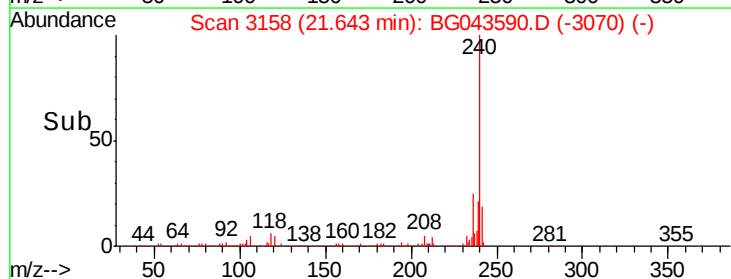
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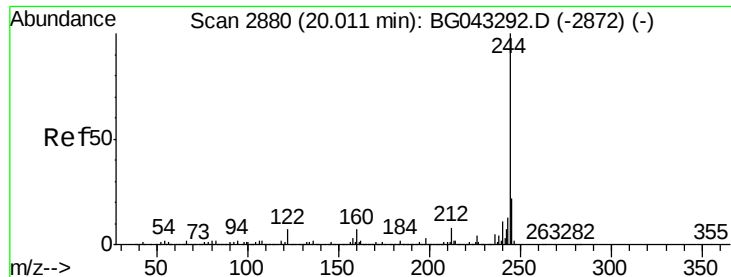
21.64

50000

0

Time-->





#79

Terphenyl-d14

Concen: 94.605 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043590.D

Acq: 11 Nov 2019 19:20

Instrument :

BNA_G

ClientSampleId :

PB124701BL

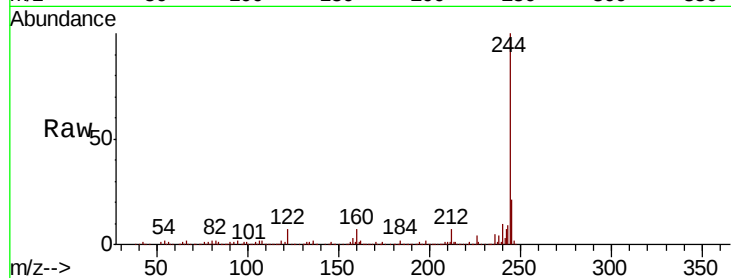
Tot Ion:244 Resp: 1036485

Ion Ratio Lower Upper

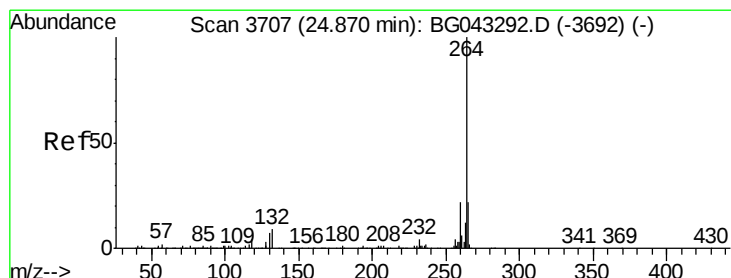
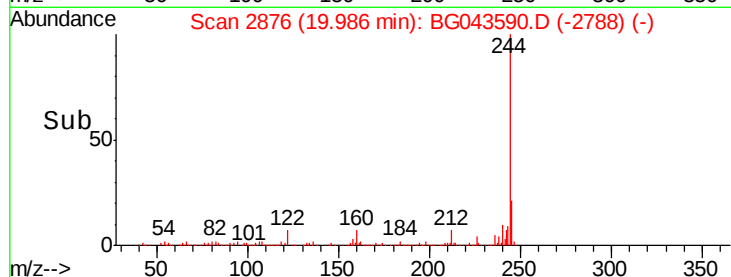
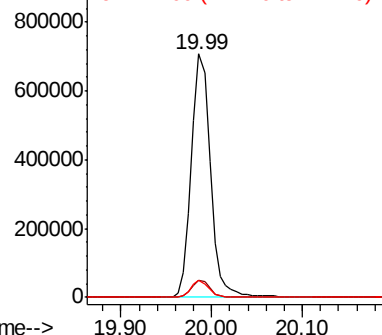
244 100

212 7.2 5.8 8.6

122 6.9 5.4 8.2



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: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043590.D

Acq: 11 Nov 2019 19:20

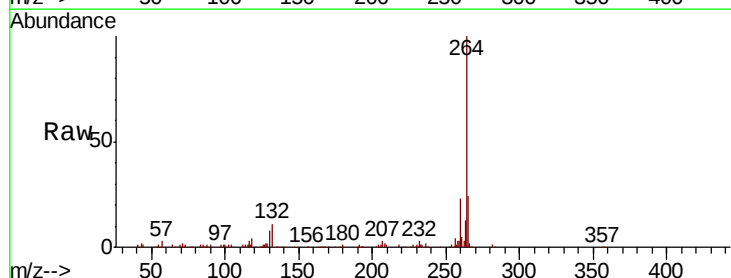
Tgt Ion:264 Resp: 241364

Ion Ratio Lower Upper

264 100

260 23.1 17.5 26.3

265 23.7 17.4 26.0



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

