

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042529.D
 Acq On : 28 Aug 2019 11:19
 Operator : HP/JU
 Sample : PB122599BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122599BL

Quant Time: Aug 28 15:26:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37829	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	139909	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	107574	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	268976	20.00	ng	0.00
76) Chrysene-d12	21.69	240	325390	20.00	ng	0.00
87) Perylene-d12	24.92	264	370438	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	228803	122.50	ng	0.00
7) Phenol-d6	7.16	99	300685	119.18	ng	0.00
23) Nitrobenzene-d5	9.17	82	171236	84.58	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	183751	120.18	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	569562	89.55	ng	0.00
79) Terphenyl-d14	20.02	244	1283202	85.26	ng	0.00

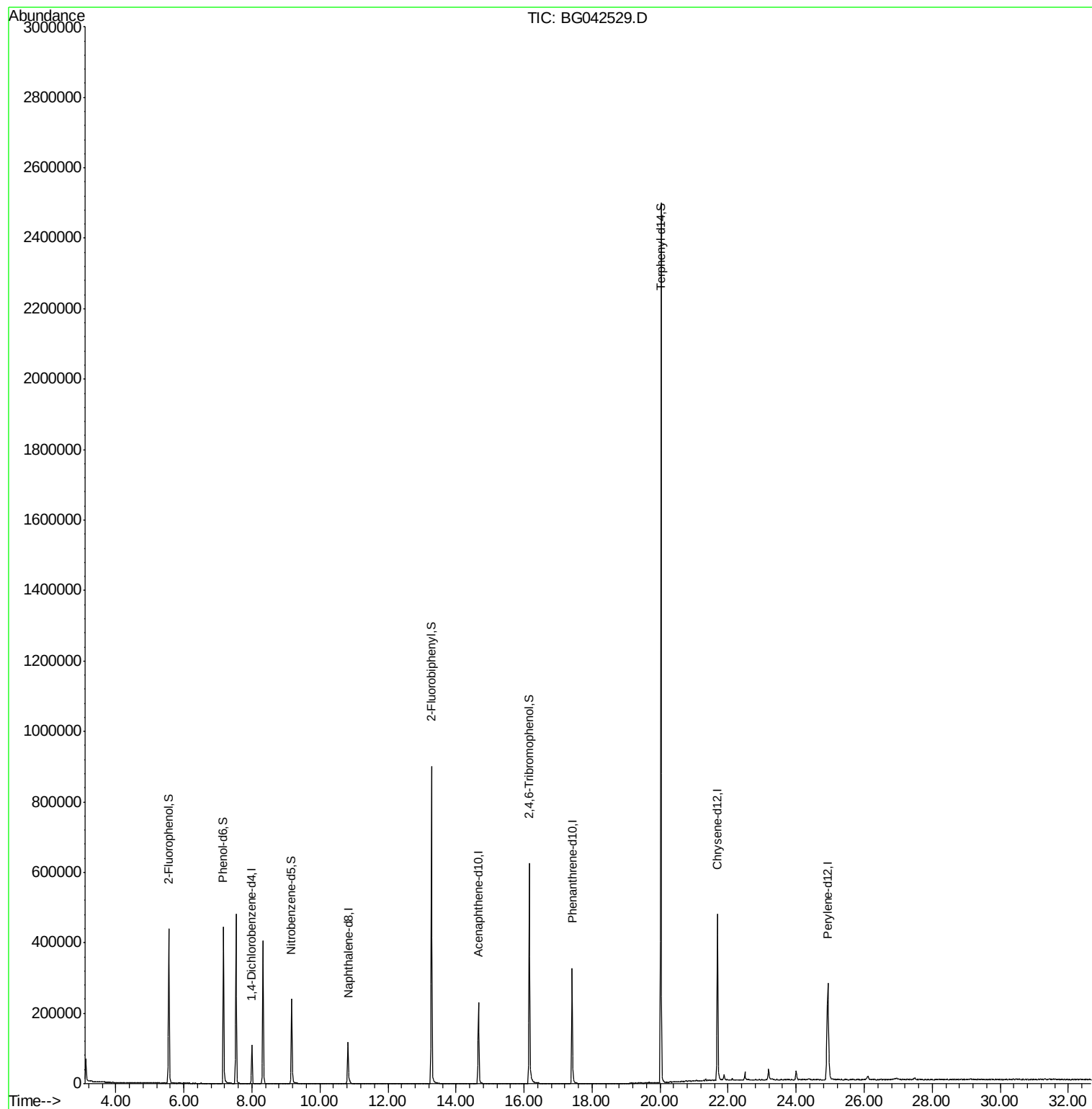
Target Compounds	Qvalue
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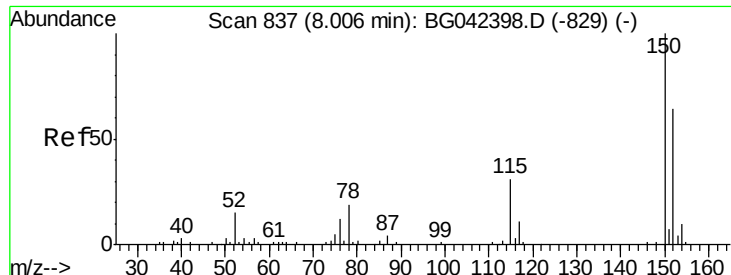
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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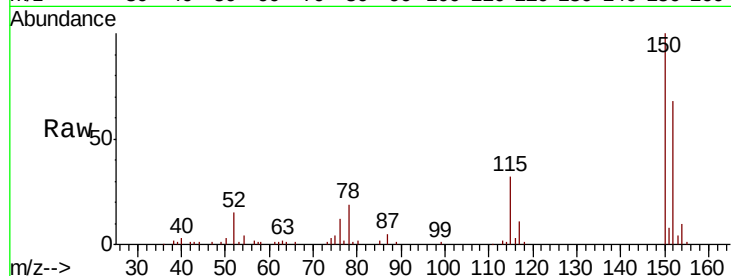


#1

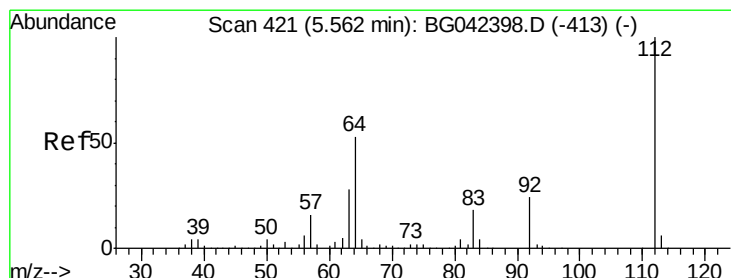
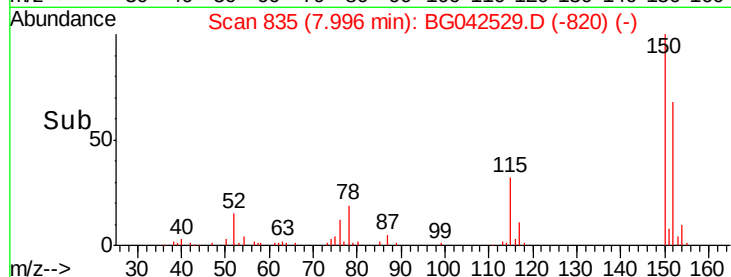
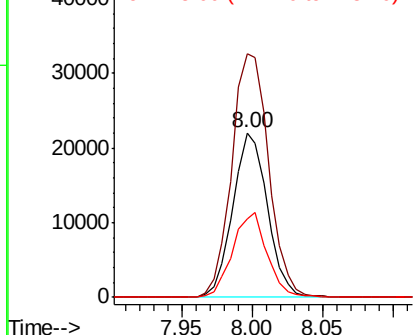
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042529.D
Acq: 28 Aug 2019 11:19

Instrument :
BNA_G
ClientSampleId :
PB122599BL

Tot Ion:152 Resp: 37829
Ion Ratio Lower Upper
152 100
150 147.8 125.4 188.0
115 47.3 38.5 57.7



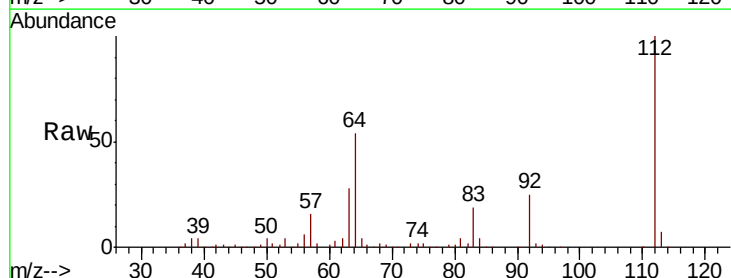
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



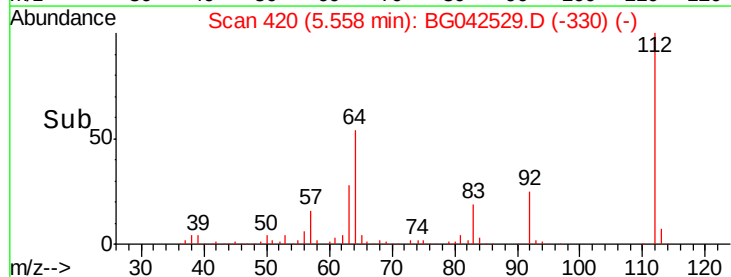
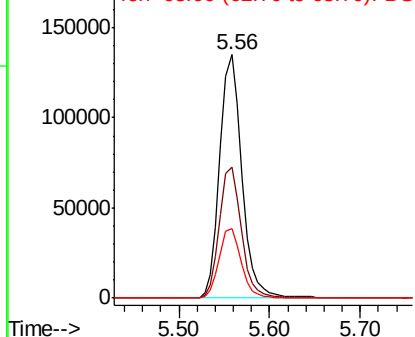
#5

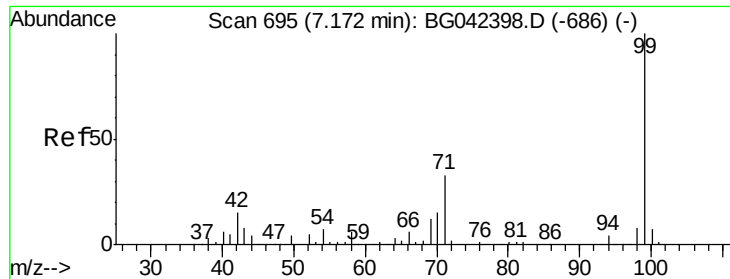
2-Fluorophenol
Concen: 122.497 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042529.D
Acq: 28 Aug 2019 11:19

Tgt Ion:112 Resp: 228803
Ion Ratio Lower Upper
112 100
64 54.0 42.8 64.2
63 28.3 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG042529.D (-330) (-)
Ion 63.00 (62.70 to 63.70): BG042529.D (-330) (-)





#7

Phenol-d6

Concen: 119.177 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042529.D

Acq: 28 Aug 2019 11:19

Instrument :

BNA_G

ClientSampleId :

PB122599BL

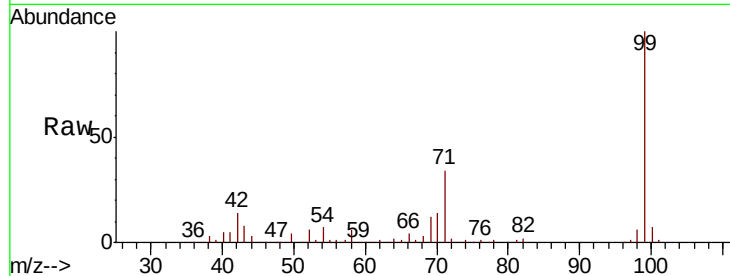
Tot Ion: 99 Resp: 300685

Ion Ratio Lower Upper

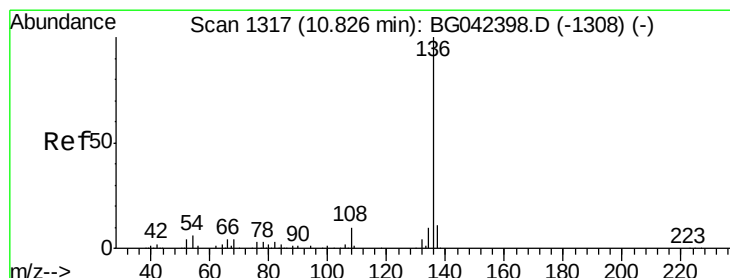
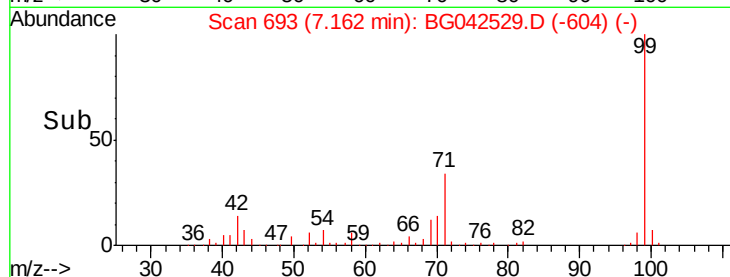
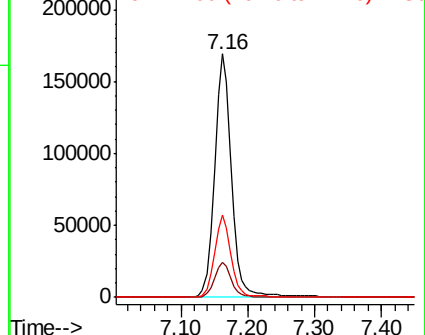
99 100

42 14.4 12.0 18.0

71 33.9 26.3 39.5



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: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042529.D

Acq: 28 Aug 2019 11:19

Tgt Ion: 136 Resp: 139909

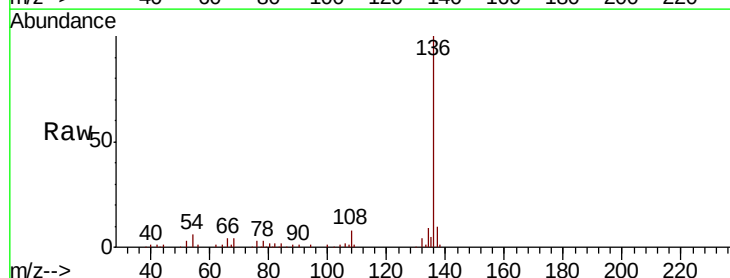
Ion Ratio Lower Upper

136 100

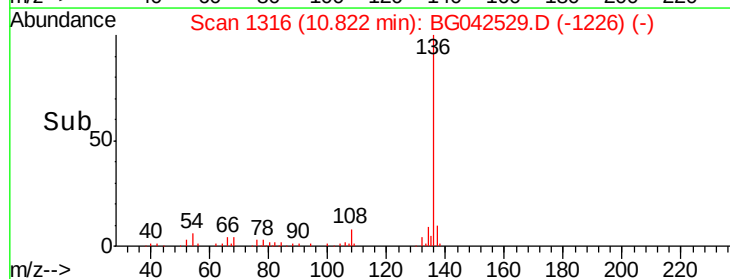
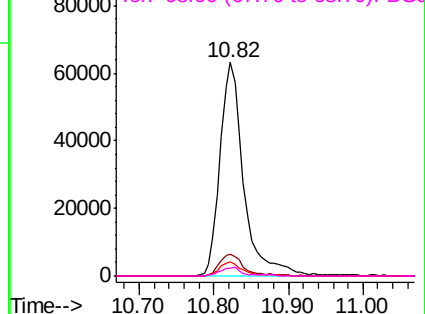
137 10.4 8.7 13.1

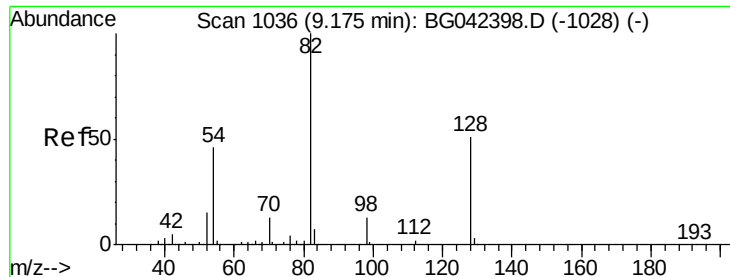
54 6.5 4.9 7.3

68 3.7 3.6 5.4



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

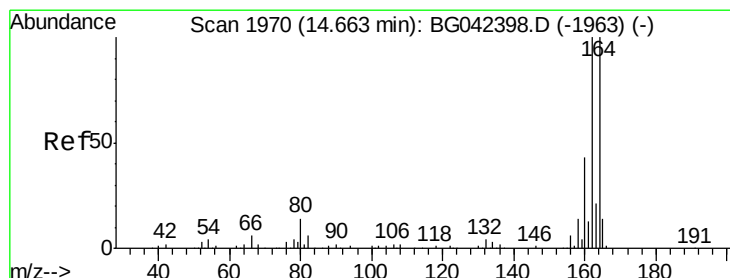
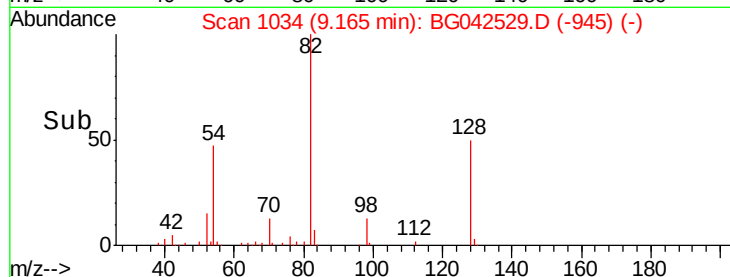
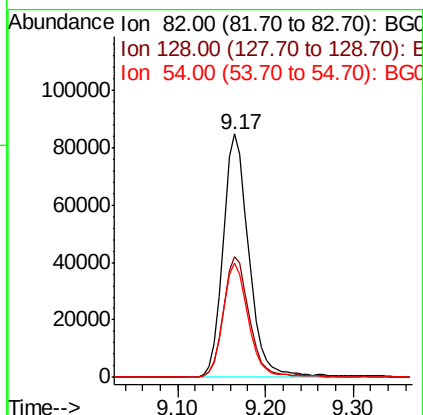
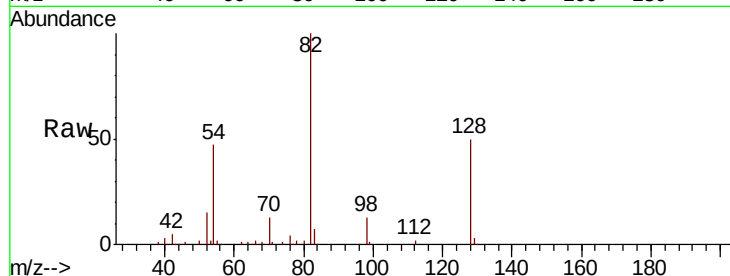




#23
Nitrobenzene-d5
Concen: 84.577 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042529.D
Acq: 28 Aug 2019 11:19

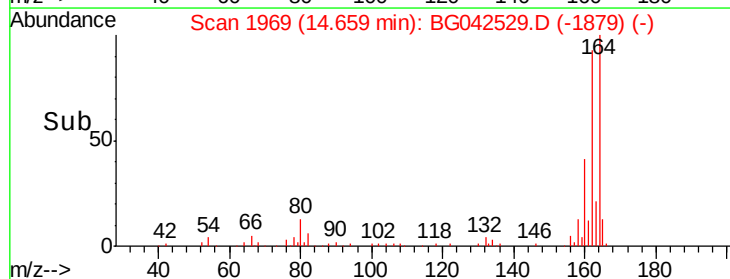
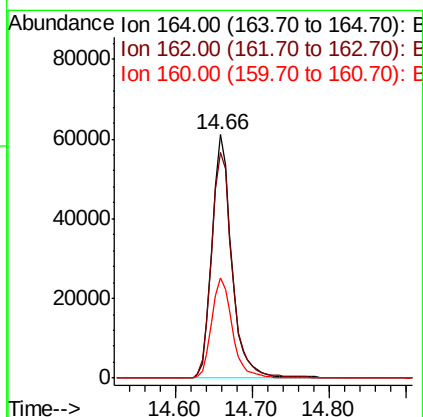
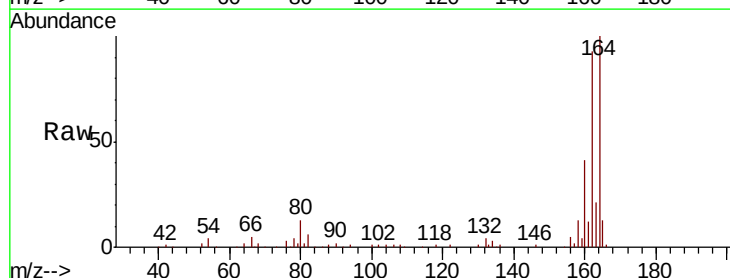
Instrument :
BNA_G
ClientSampleId :
PB122599BL

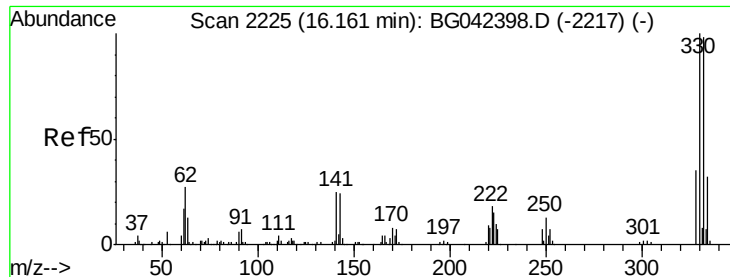
Tot Ion: 82 Resp: 171236
Ion Ratio Lower Upper
82 100
128 49.6 40.7 61.1
54 46.9 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042529.D
Acq: 28 Aug 2019 11:19

Tgt Ion: 164 Resp: 107574
Ion Ratio Lower Upper
164 100
162 92.9 79.9 119.9
160 41.1 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 120.178 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042529.D

Acq: 28 Aug 2019 11:19

Instrument :

BNA_G

ClientSampleId :

PB122599BL

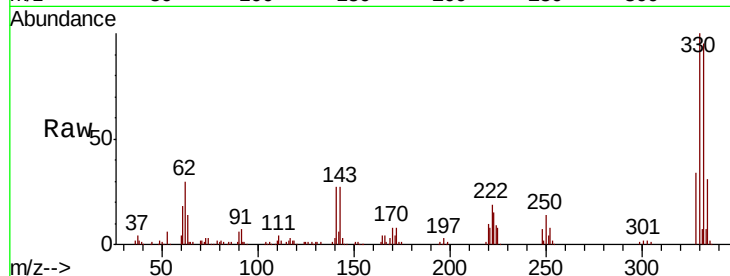
Tot Ion:330 Resp: 183751

Ion Ratio Lower Upper

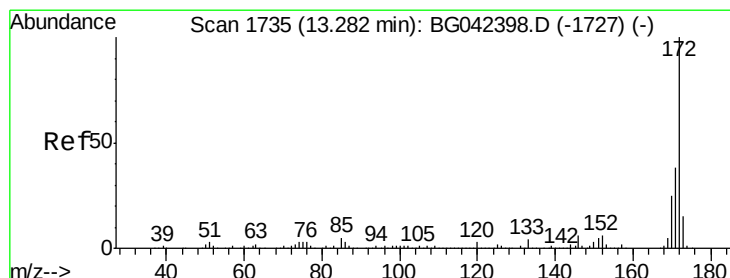
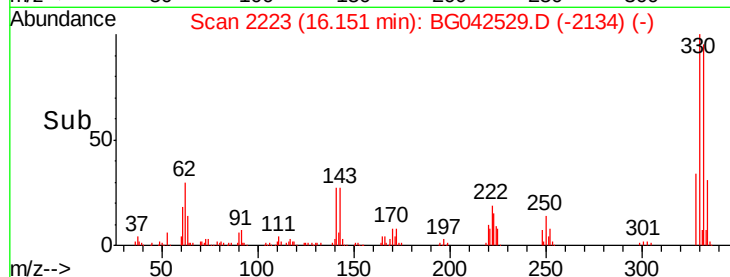
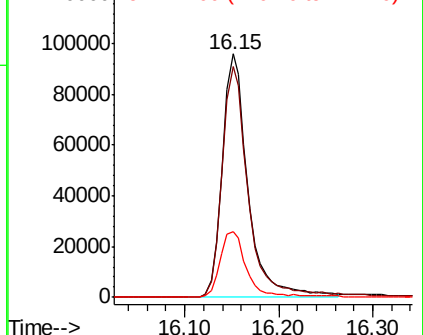
330 100

332 96.8 77.4 116.0

141 28.5 21.4 32.0



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: 89.547 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042529.D

Acq: 28 Aug 2019 11:19

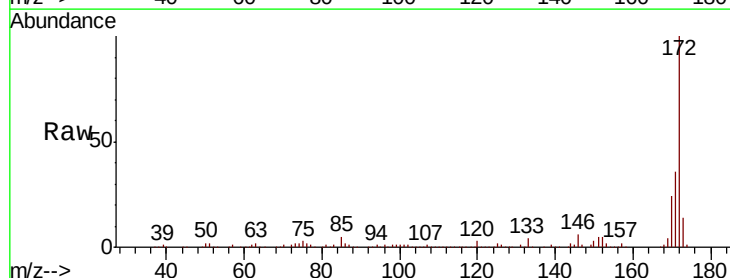
Tgt Ion:172 Resp: 569562

Ion Ratio Lower Upper

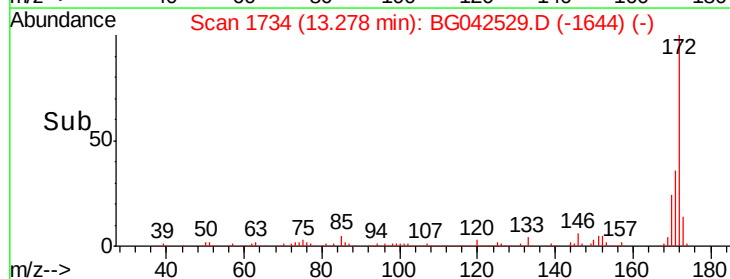
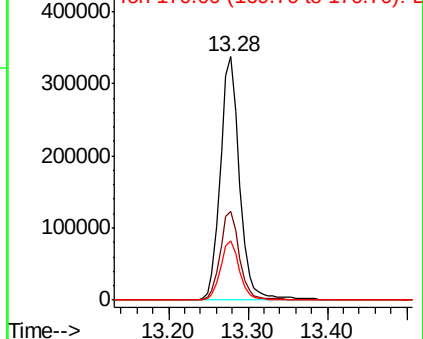
172 100

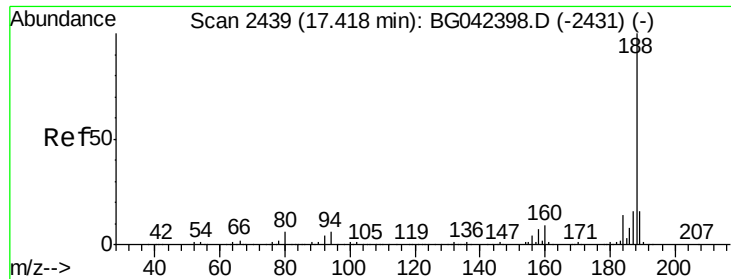
171 36.4 30.5 45.7

170 24.4 20.2 30.2



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

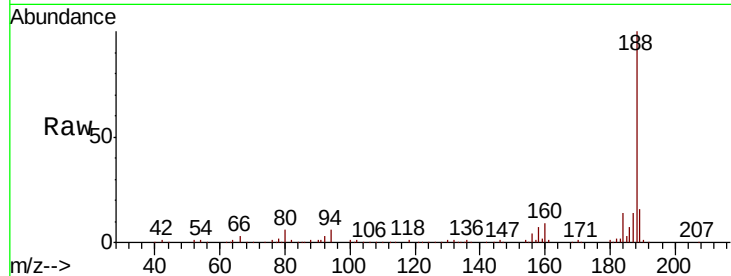




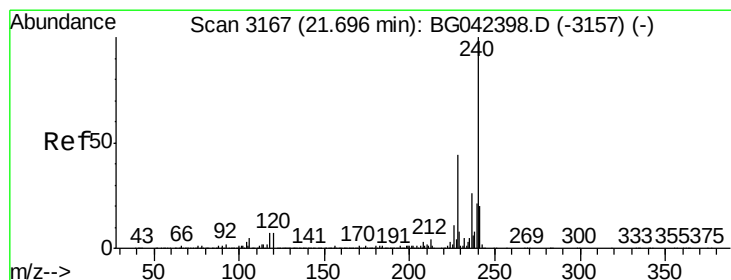
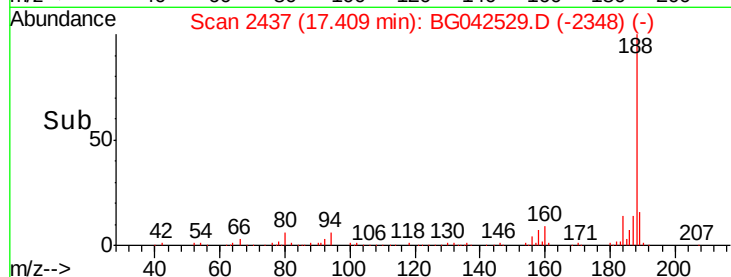
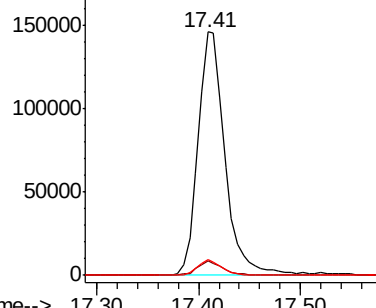
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042529.D
Acq: 28 Aug 2019 11:19

Instrument :
BNA_G
ClientSampleId :
PB122599BL

Tot Ion:188 Resp: 268976
Ion Ratio Lower Upper
188 100
94 5.8 4.5 6.7
80 6.4 4.9 7.3

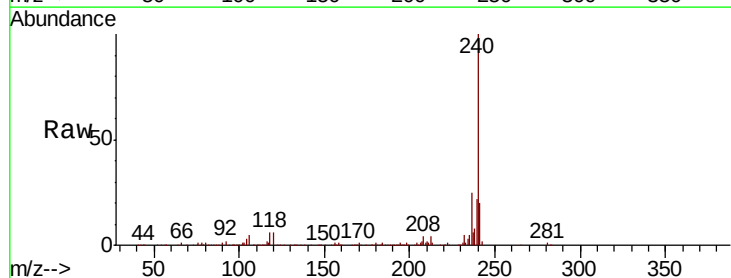


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

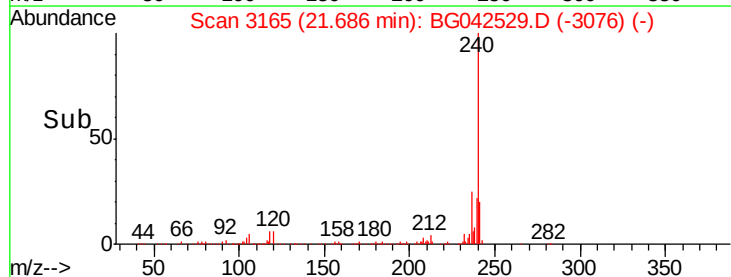
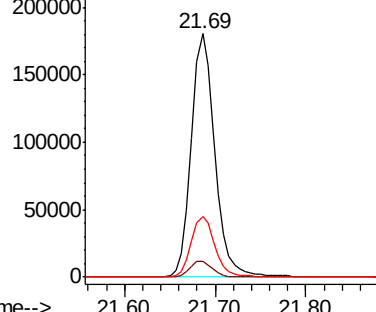


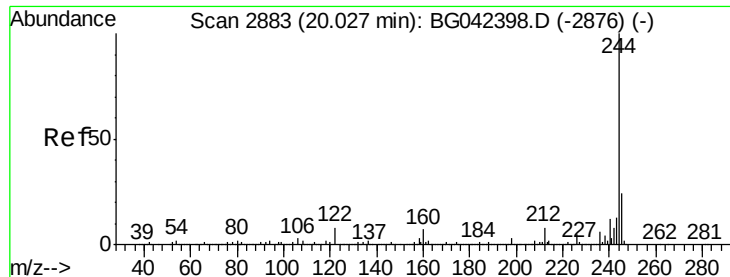
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042529.D
Acq: 28 Aug 2019 11:19

Tgt Ion:240 Resp: 325390
Ion Ratio Lower Upper
240 100
120 6.4 5.7 8.5
236 24.7 21.0 31.4



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: 85.257 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042529.D

Acq: 28 Aug 2019 11:19

Instrument :

BNA_G

ClientSampleId :

PB122599BL

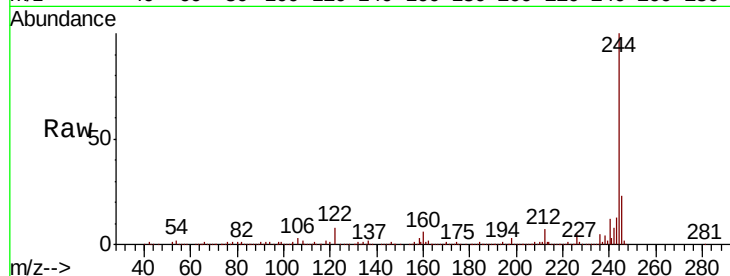
Tot Ion:244 Resp: 1283202

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

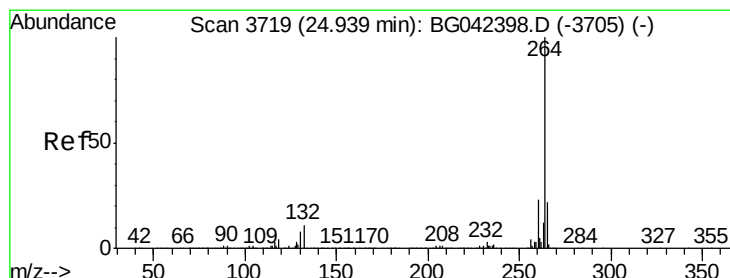
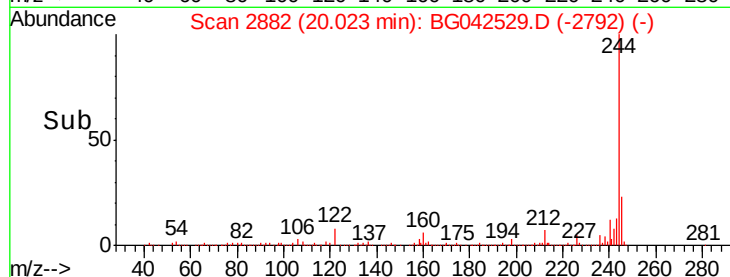
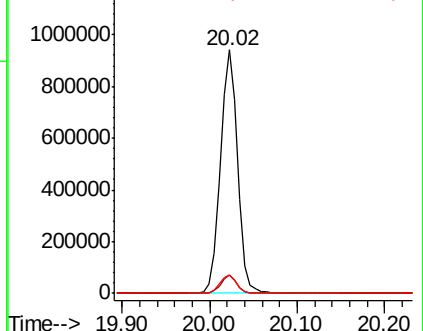
122 7.6 6.7 10.1



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042529.D

Acq: 28 Aug 2019 11:19

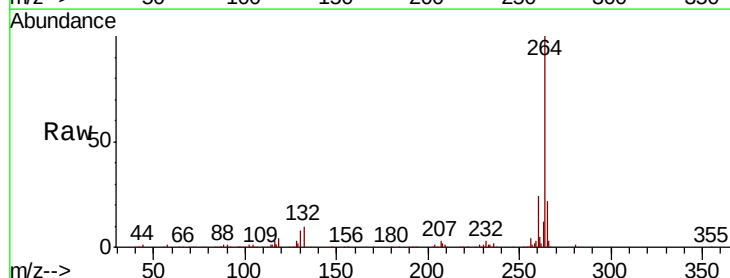
Tgt Ion:264 Resp: 370438

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 22.1 17.6 26.4



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

