

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041579.D
 Acq On : 3 Jul 2019 2:31
 Operator : HP/JU
 Sample : PB121109TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121109TB

Quant Time: Jul 03 06:24:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	24458	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	78070	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	53378	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	152893	20.00	ng	0.00
76) Chrysene-d12	21.70	240	210473	20.00	ng	0.00
87) Perylene-d12	24.99	264	220440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	168335	122.71	ng	0.00
7) Phenol-d6	7.19	99	225147	116.58	ng	0.00
23) Nitrobenzene-d5	9.21	82	160307	85.64	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	106149	116.47	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	374701	90.08	ng	0.00
79) Terphenyl-d14	20.03	244	960252	96.95	ng	0.00

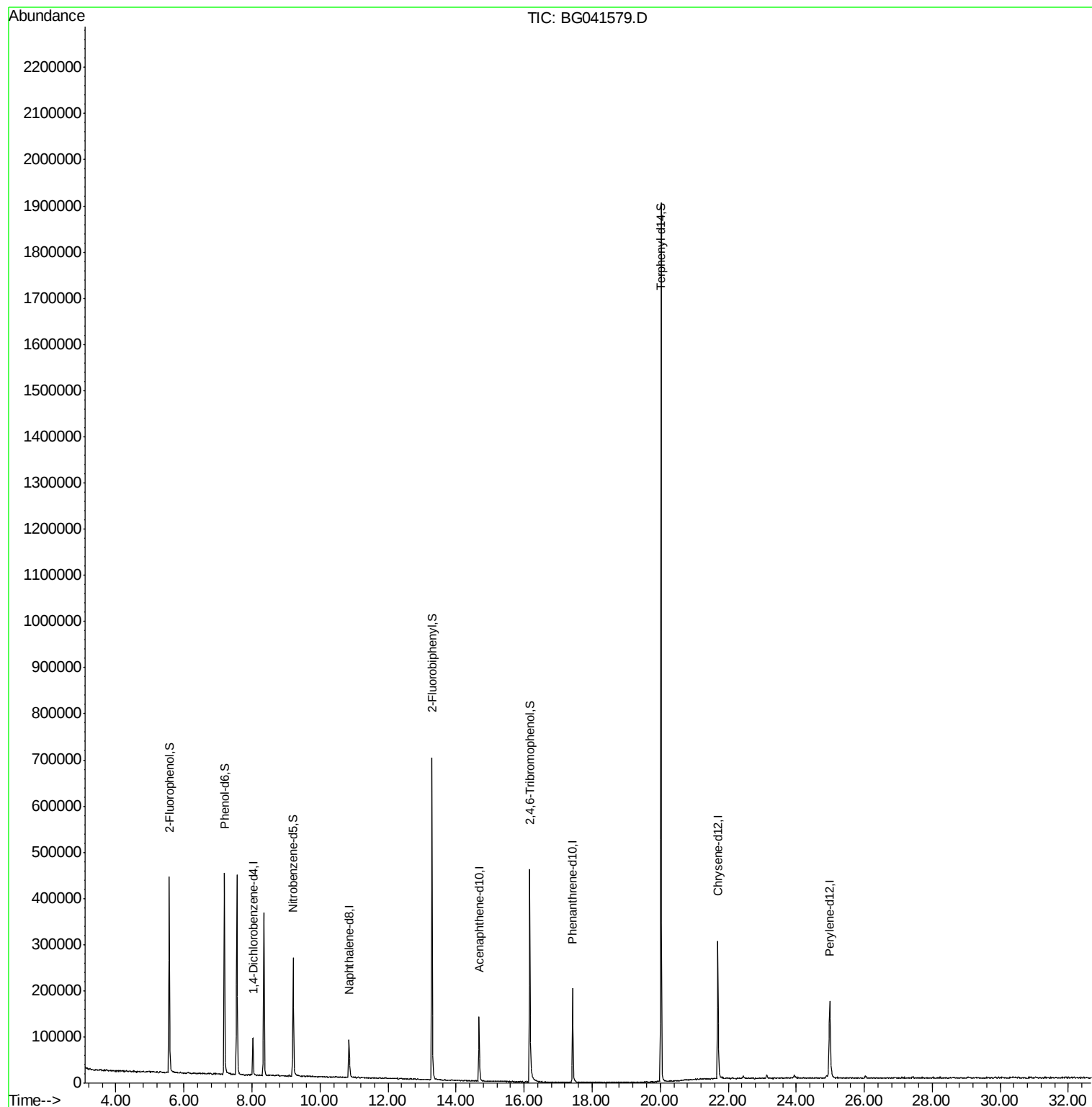
Target Compounds Qvalue

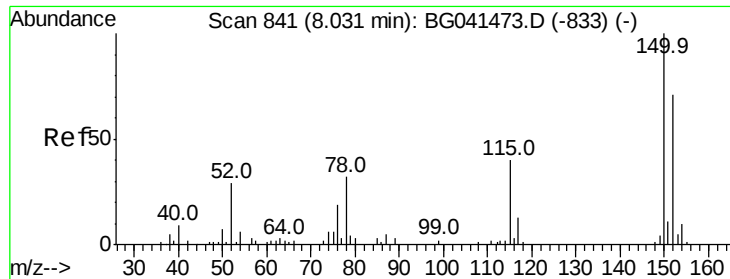
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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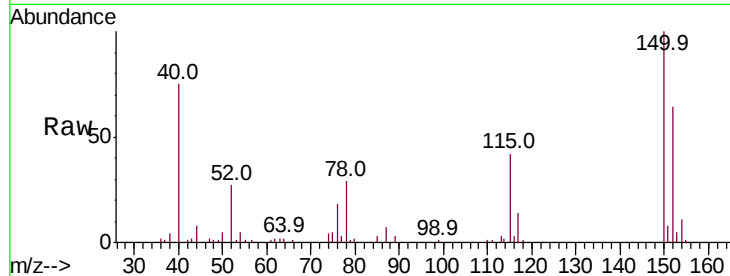


#1

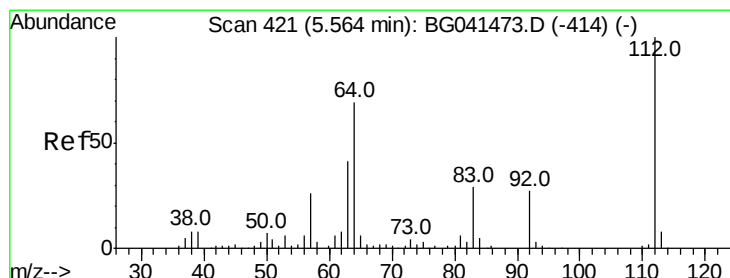
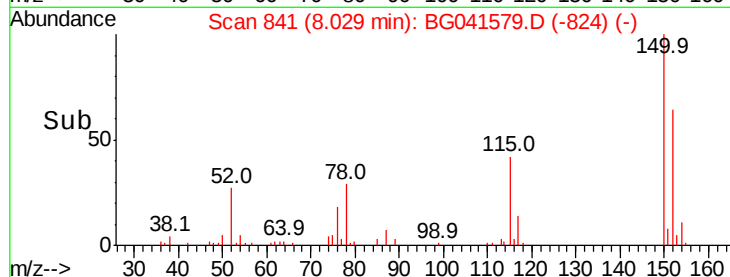
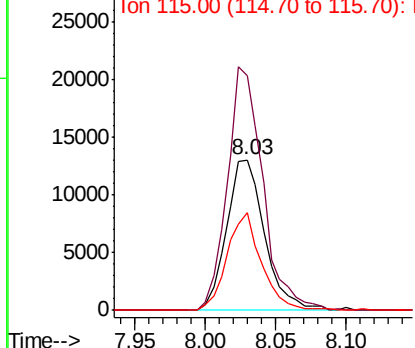
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041579.D
Acq: 3 Jul 2019 2:31

Instrument :
BNA_G
ClientSampleId :
PB121109TB

Tot Ion:152 Resp: 24458
Ion Ratio Lower Upper
152 100
150 156.1 112.4 168.6
115 65.2 44.6 66.8



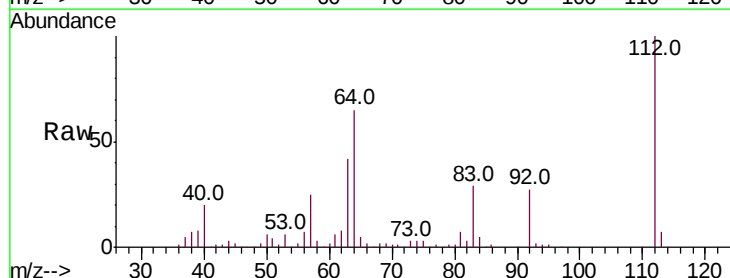
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



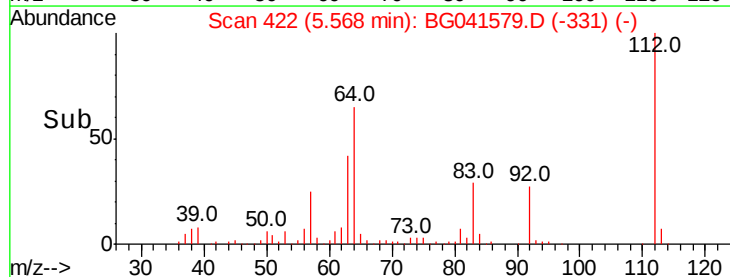
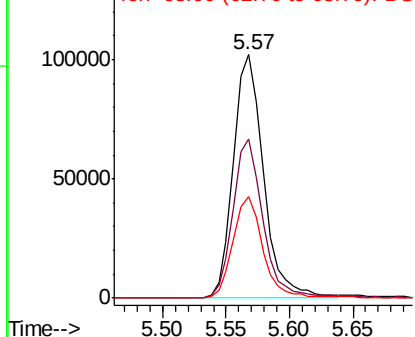
#5

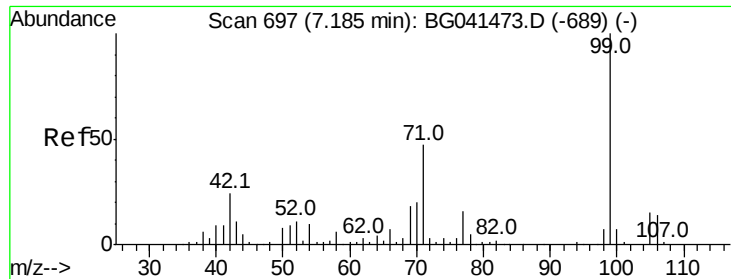
2-Fluorophenol
Concen: 122.707 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041579.D
Acq: 3 Jul 2019 2:31

Tgt Ion:112 Resp: 168335
Ion Ratio Lower Upper
112 100
64 65.2 55.1 82.7
63 41.7 32.4 48.6



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: 116.584 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041579.D

Acq: 3 Jul 2019 2:31

Instrument :

BNA_G

ClientSampleId :

PB121109TB

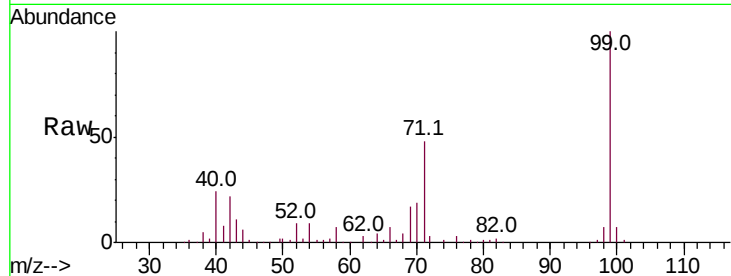
Tot Ion: 99 Resp: 225147

Ion Ratio Lower Upper

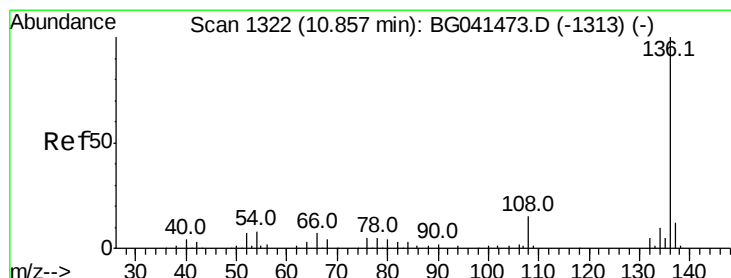
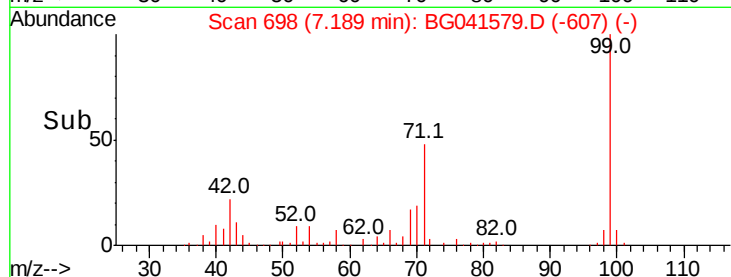
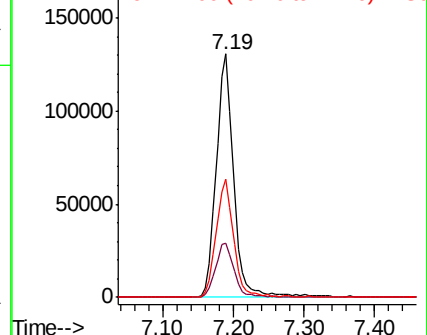
99 100

42 22.0 19.0 28.6

71 48.4 37.4 56.2



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041579.D

Acq: 3 Jul 2019 2:31

Tgt Ion: 136 Resp: 78070

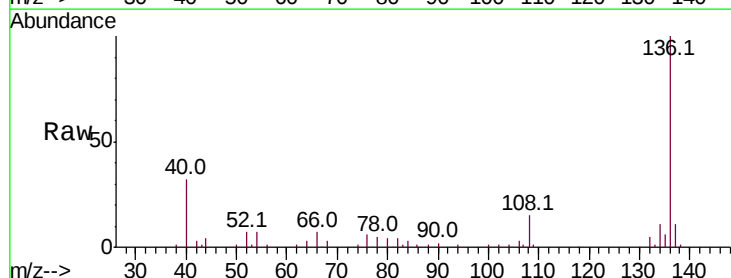
Ion Ratio Lower Upper

136 100

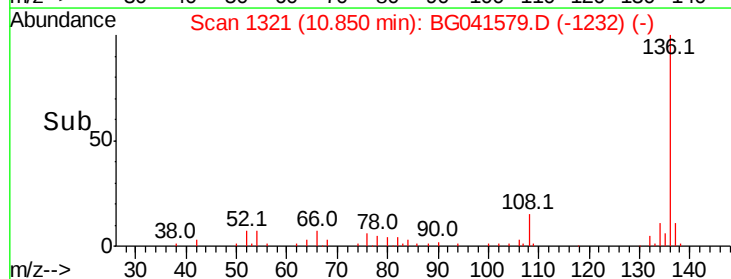
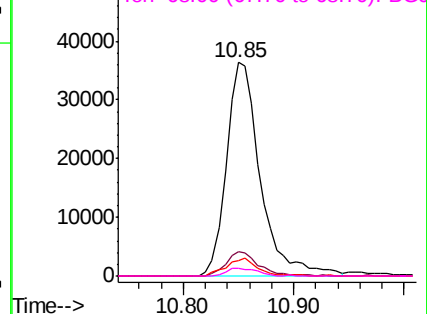
137 11.2 9.3 13.9

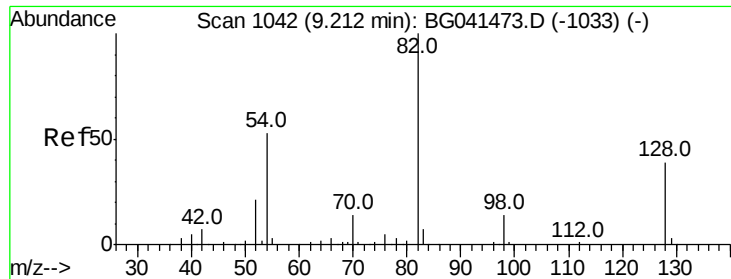
54 7.1 7.1 10.7#

68 3.3 3.3 4.9



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

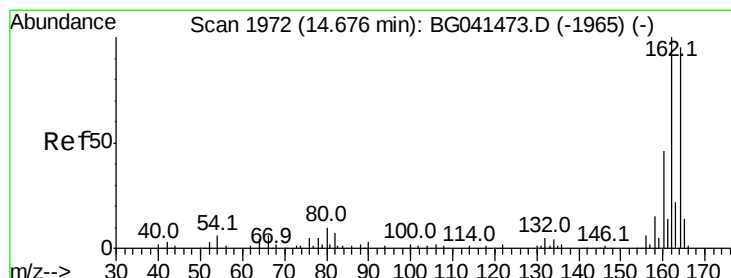
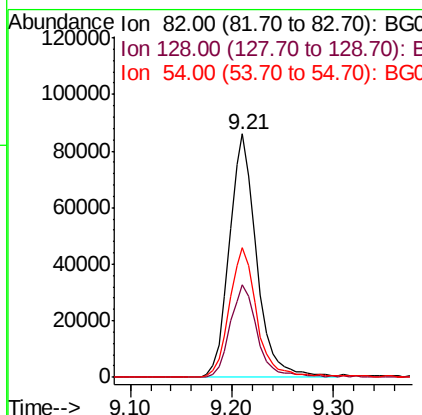
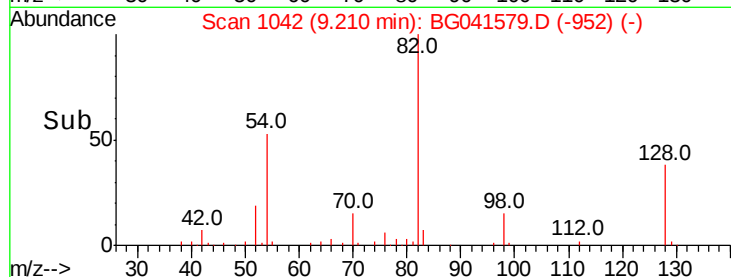
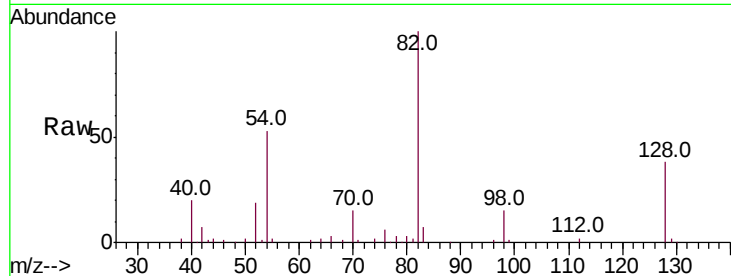




#23
Nitrobenzene-d5
Concen: 85.640 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041579.D
Acq: 3 Jul 2019 2:31

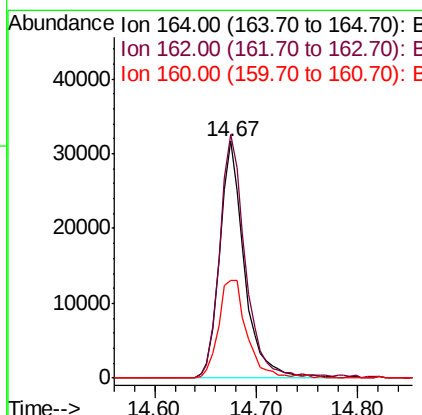
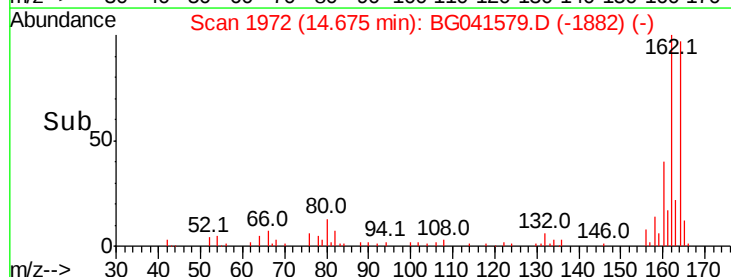
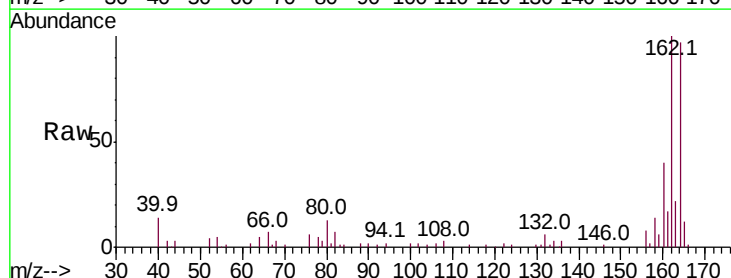
Instrument :
BNA_G
ClientSampleId :
PB121109TB

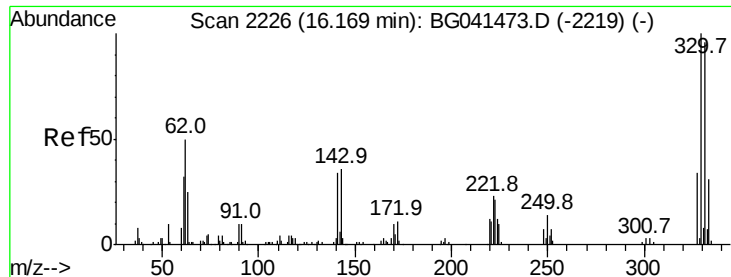
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.9	46.3
54	53.2	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041579.D
Acq: 3 Jul 2019 2:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.4	126.6
160	41.1	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 116.469 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041579.D

Acq: 3 Jul 2019 2:31

Instrument :

BNA_G

ClientSampleId :

PB121109TB

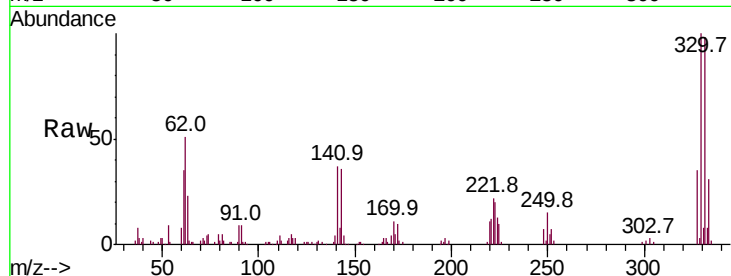
Tot Ion:330 Resp: 106149

Ion Ratio Lower Upper

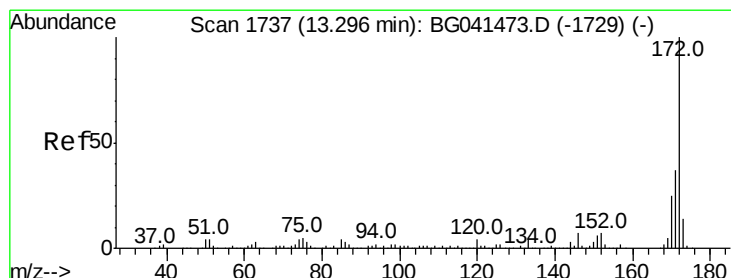
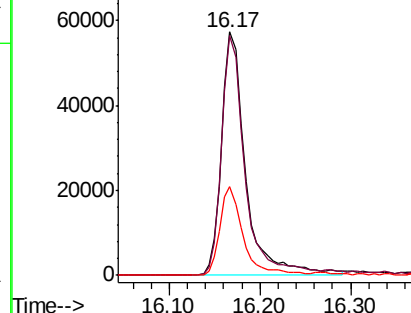
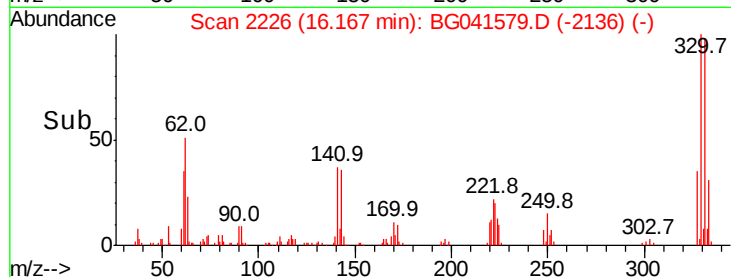
330 100

332 94.9 75.5 113.3

141 35.2 27.8 41.6



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: 90.082 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG041579.D

Acq: 3 Jul 2019 2:31

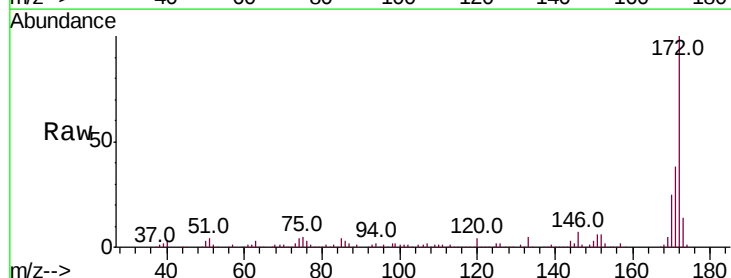
Tgt Ion:172 Resp: 374701

Ion Ratio Lower Upper

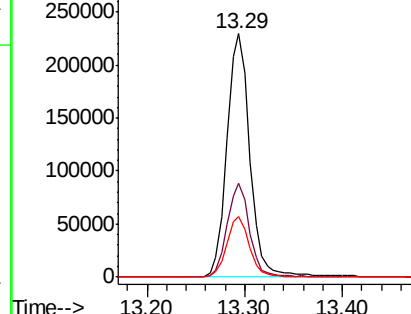
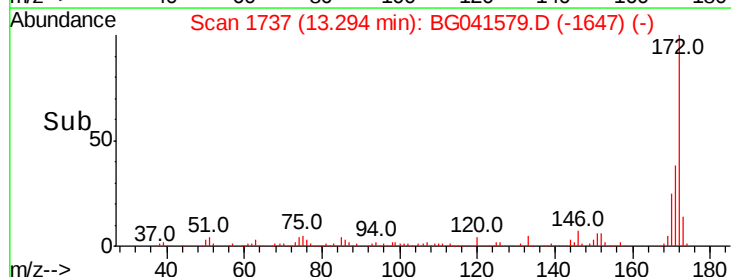
172 100

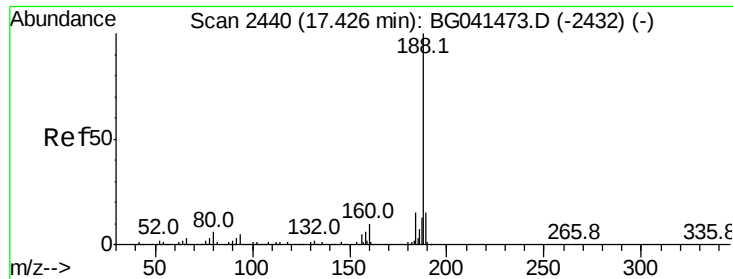
171 38.3 29.6 44.4

170 25.0 20.0 30.0



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

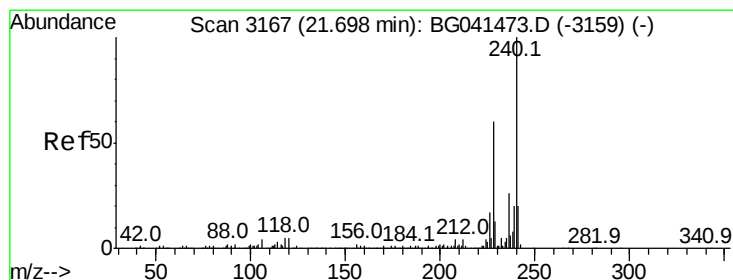
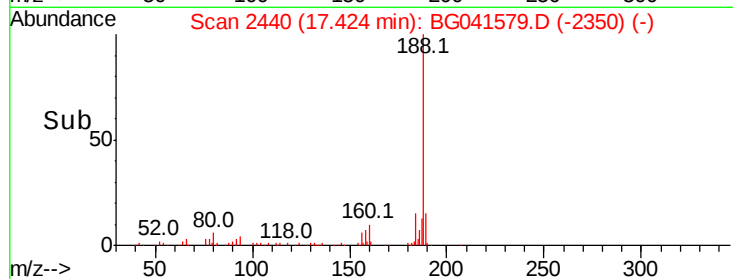
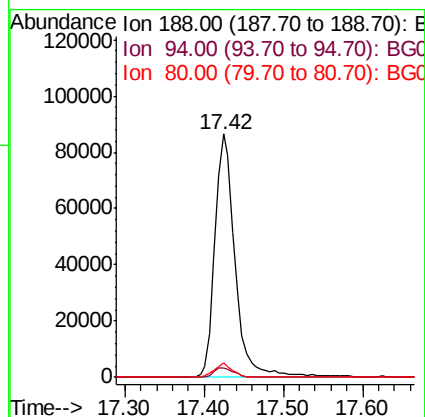
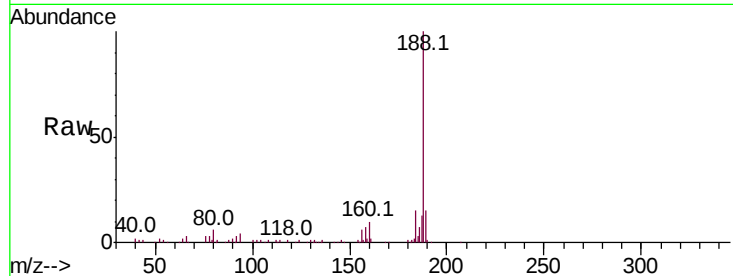




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041579.D
Acq: 3 Jul 2019 2:31

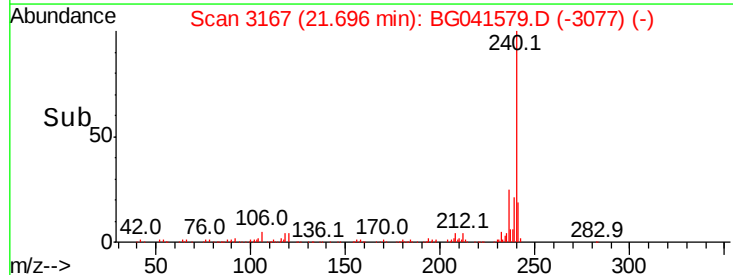
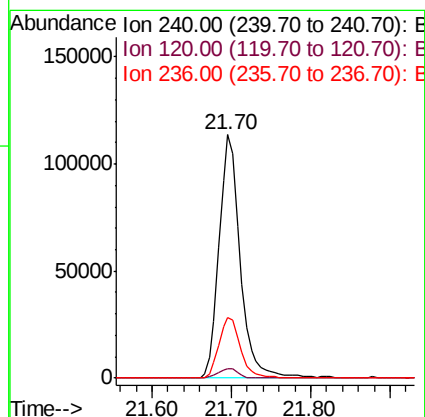
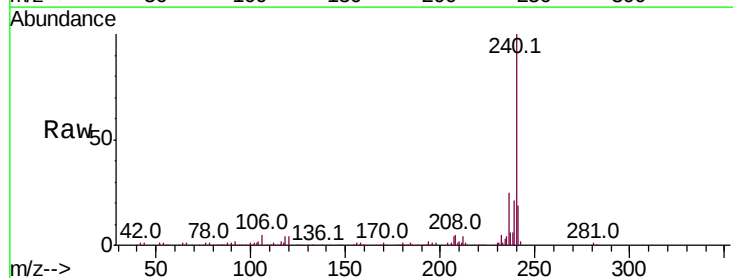
Instrument :
BNA_G
ClientSampleId :
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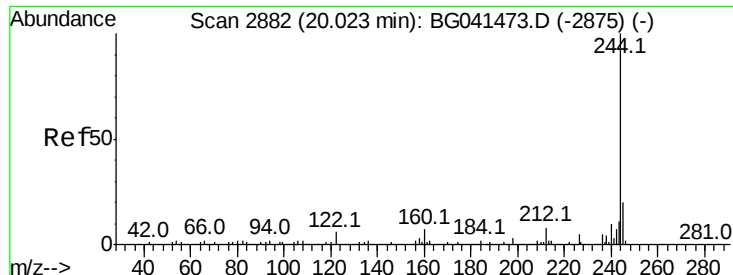
Tot Ion	Ratio	Lower	Upper
188	100		
94	3.6	3.8	5.8#
80	5.8	4.8	7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041579.D
Acq: 3 Jul 2019 2:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.8	3.7	5.5
236	25.0	20.8	31.2





#79

Terphenyl-d14

Concen: 96.954 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041579.D

Acq: 3 Jul 2019 2:31

Instrument :

BNA_G

ClientSampleId :

PB121109TB

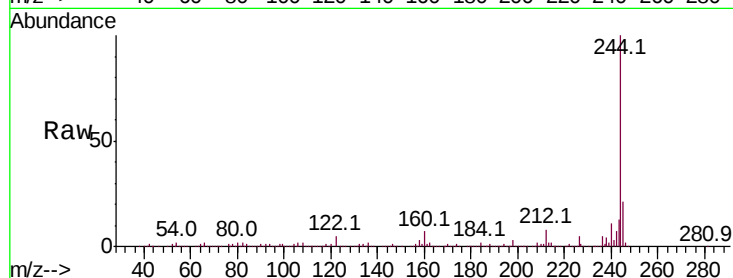
Tot Ion:244 Resp: 960252

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

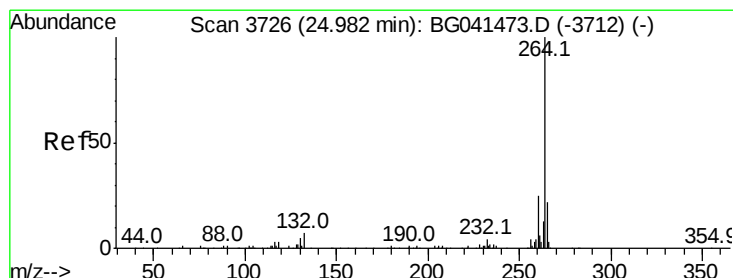
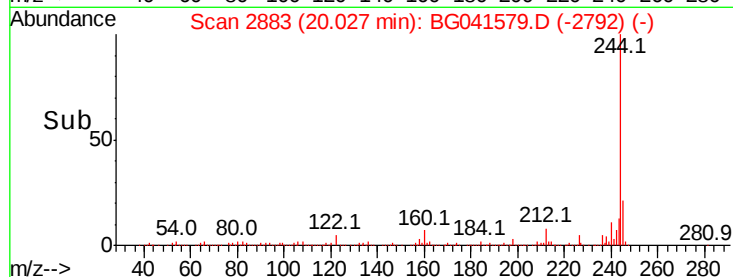
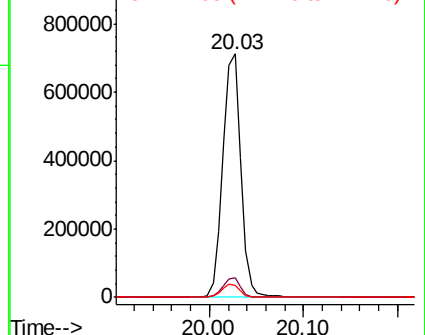
122 5.1 4.8 7.2



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: 24.99 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BG041579.D

Acq: 3 Jul 2019 2:31

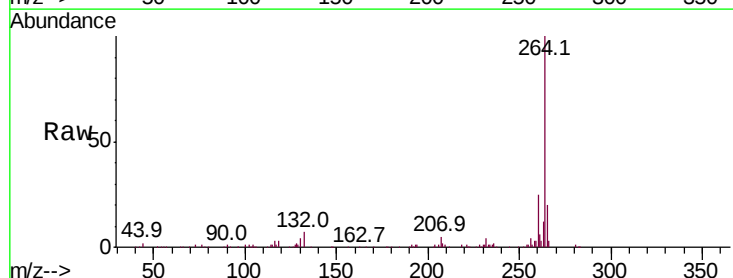
Tgt Ion:264 Resp: 220440

Ion Ratio Lower Upper

264 100

260 25.4 19.7 29.5

265 20.1 17.4 26.2



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

