

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041495.D
 Acq On : 27 Jun 2019 19:35
 Operator : HP/JU
 Sample : K3552-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-2

Quant Time: Jun 28 07:05:52 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

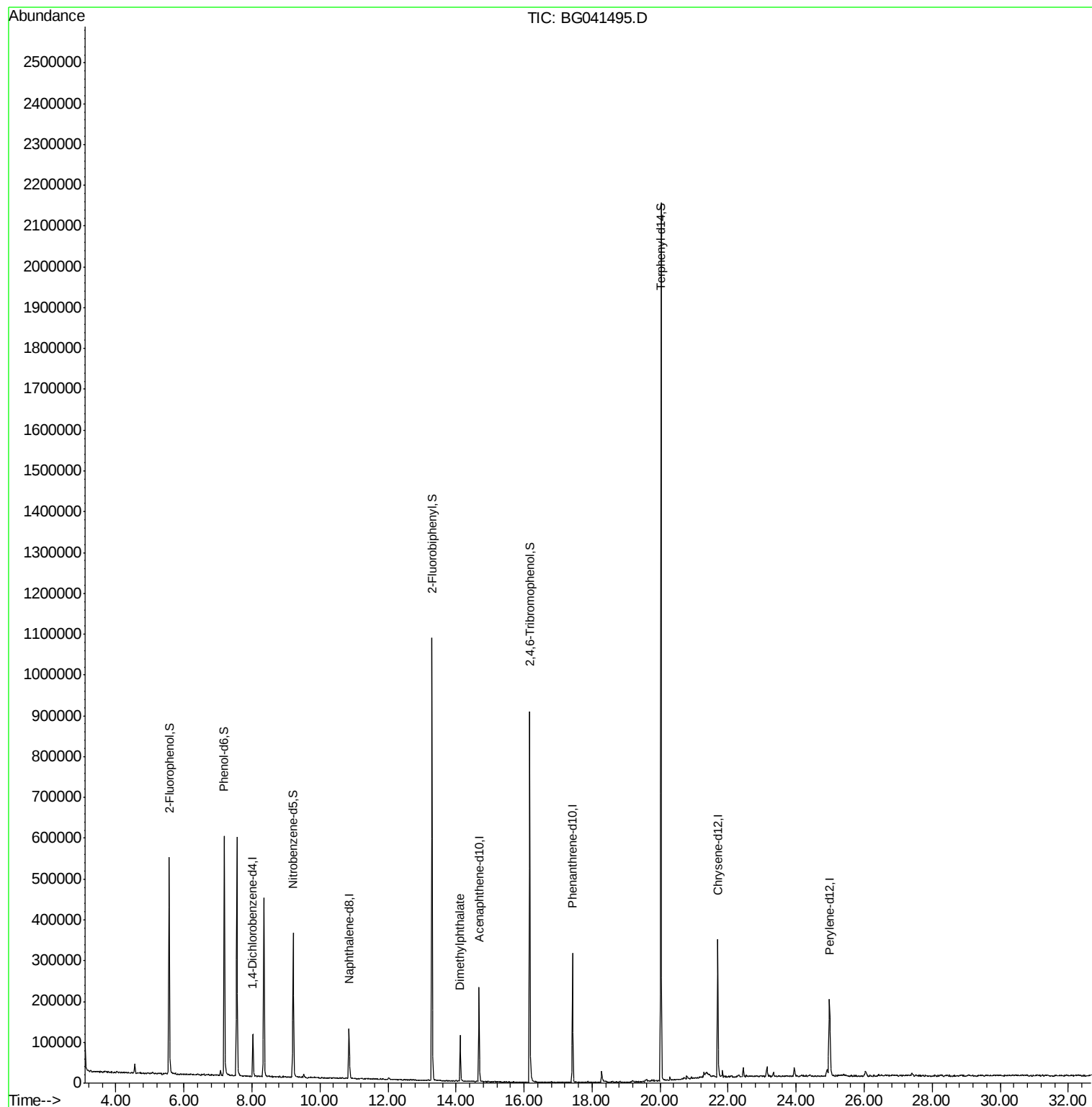
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	30316	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	108841	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	81526	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	208616	20.00	ng	0.00
76) Chrysene-d12	21.70	240	219726	20.00	ng	0.00
87) Perylene-d12	24.98	264	232729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	215379	126.66	ng	0.00
7) Phenol-d6	7.19	99	318874	133.21	ng	0.00
23) Nitrobenzene-d5	9.21	82	223156	85.51	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	180789	129.88	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	546227	85.98	ng	0.00
79) Terphenyl-d14	20.02	244	1017186	98.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	83111	11.202	ng	Qvalue 98

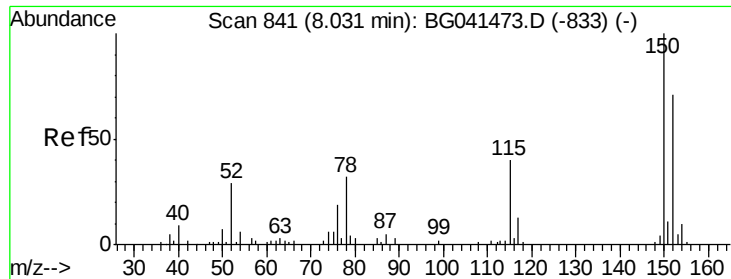
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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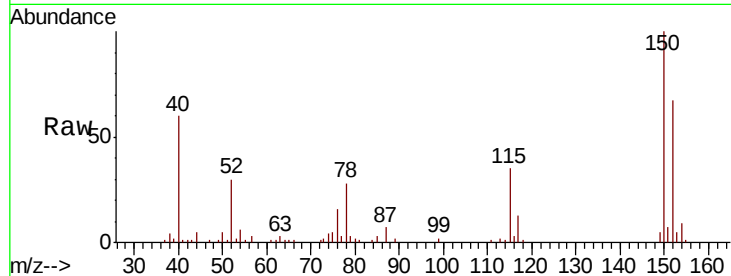


#1

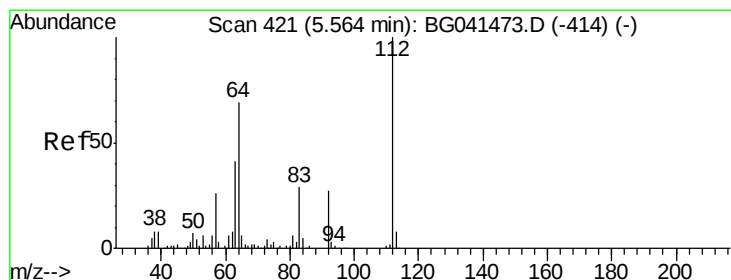
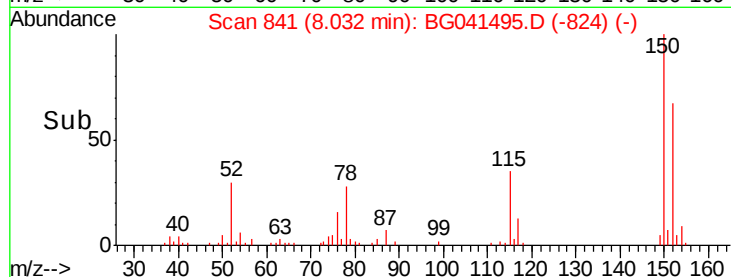
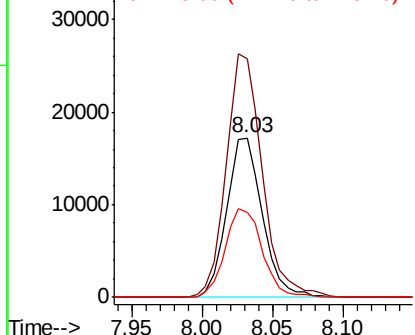
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

Instrument :
BNA_G
ClientSampleId :
M-2

Tot Ion:152 Resp: 30316
Ion Ratio Lower Upper
152 100
150 149.8 112.4 168.6
115 53.1 44.6 66.8



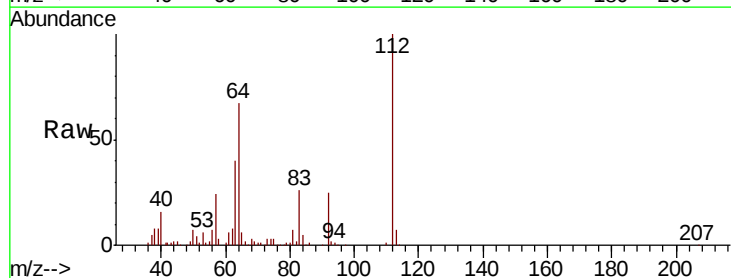
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



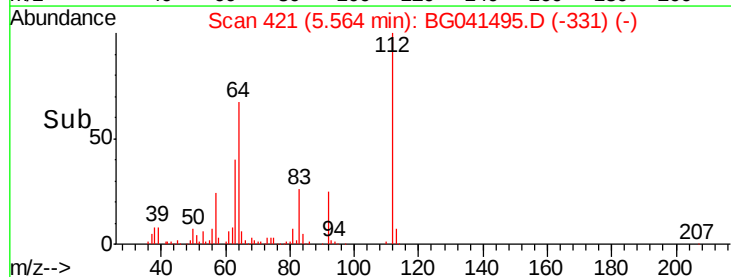
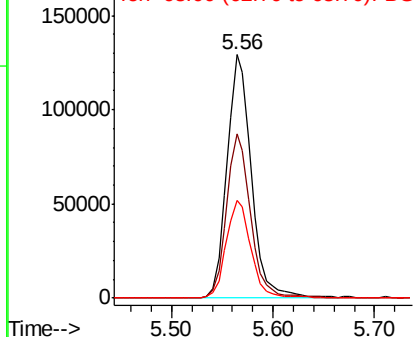
#5

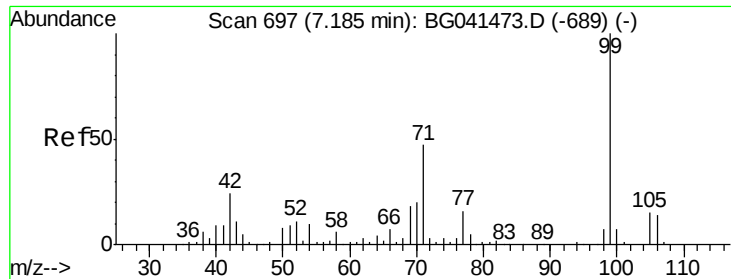
2-Fluorophenol
Concen: 126.662 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

Tgt Ion:112 Resp: 215379
Ion Ratio Lower Upper
112 100
64 67.2 55.1 82.7
63 40.0 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: 133.211 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

Instrument :

BNA_G

ClientSampled :

M-2

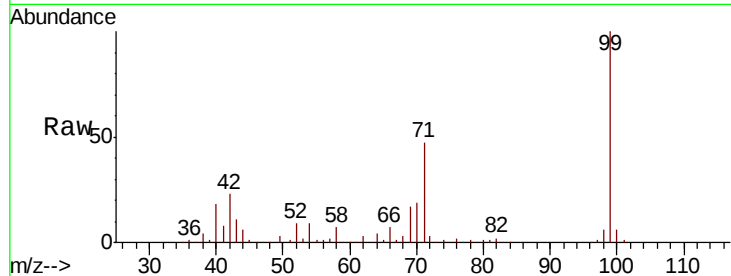
Tot Ion: 99 Resp: 318874

Ion Ratio Lower Upper

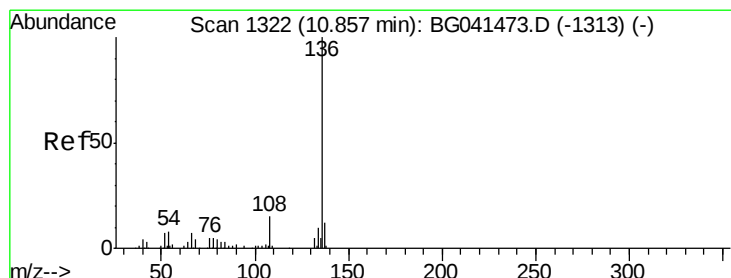
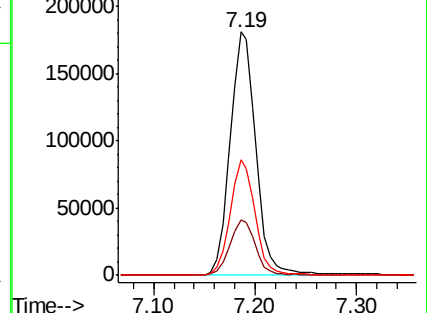
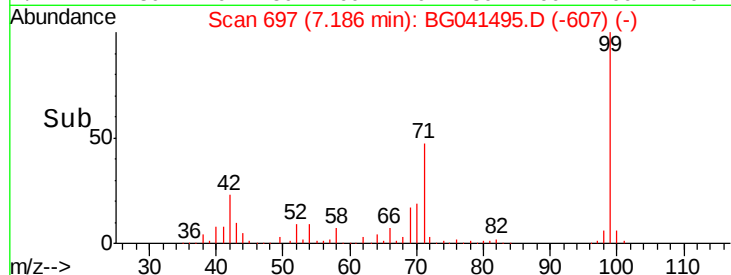
99 100

42 23.0 19.0 28.6

71 47.5 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: BG041495.D

Acq: 27 Jun 2019 19:35

Tgt Ion: 136 Resp: 108841

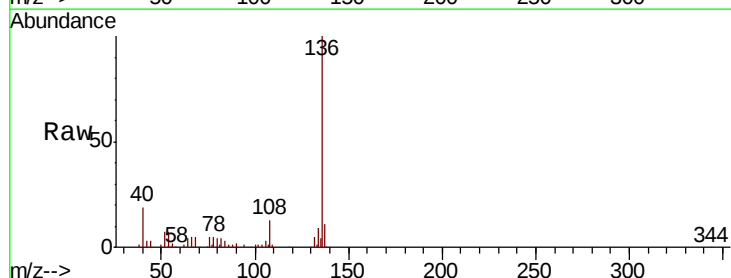
Ion Ratio Lower Upper

136 100

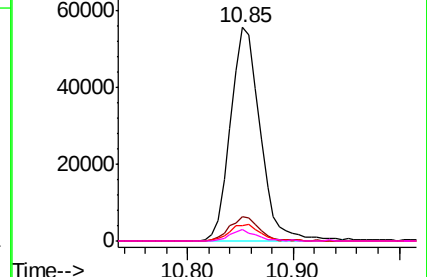
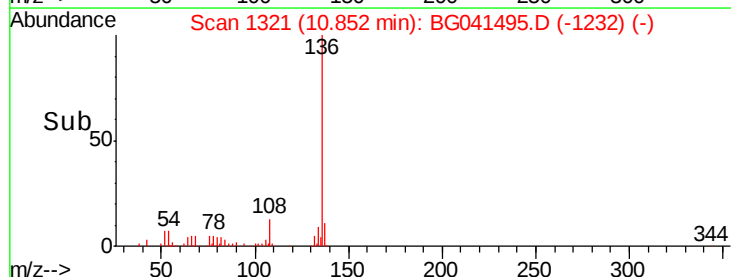
137 11.2 9.3 13.9

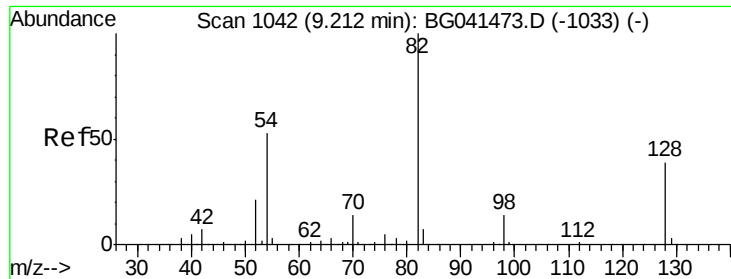
54 7.3 7.1 10.7

68 5.2 3.3 4.9#



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

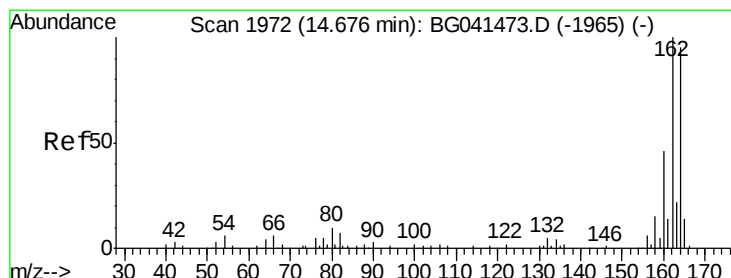
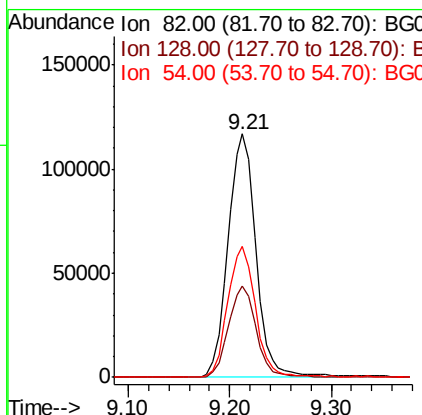
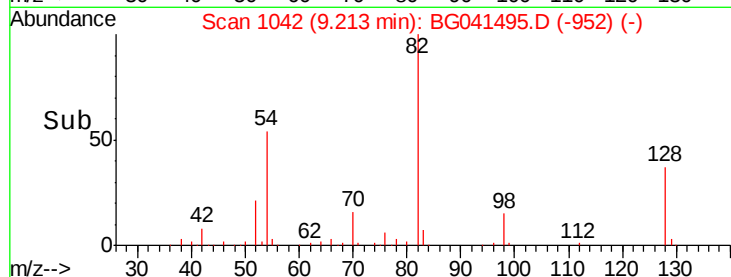
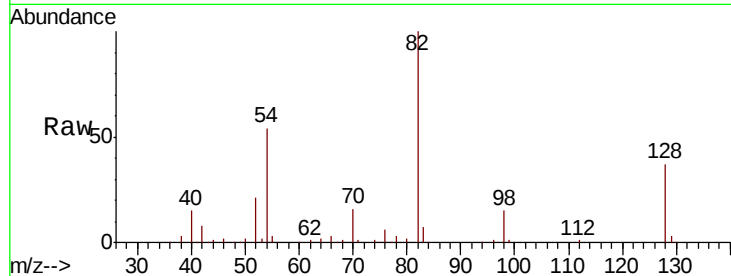




#23
Nitrobenzene-d5
Concen: 85.512 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

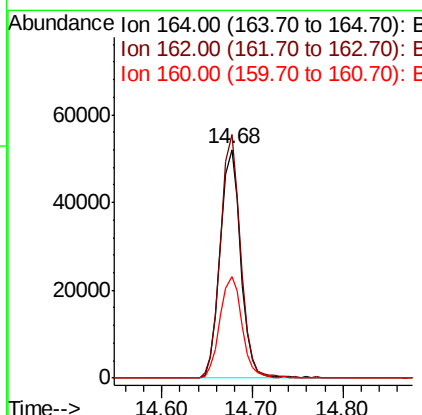
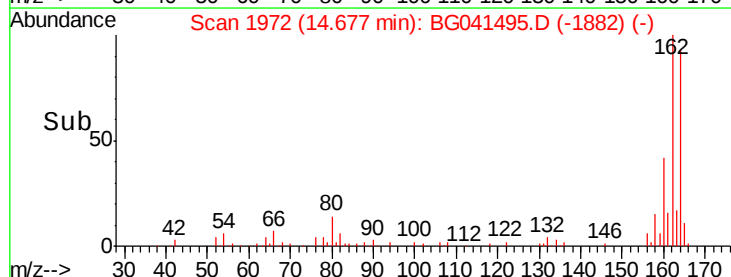
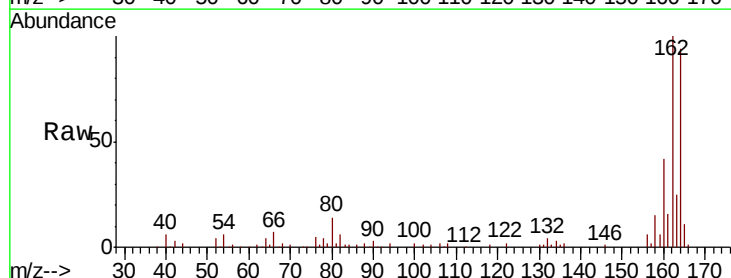
Instrument :
BNA_G
ClientSampleId :
M-2

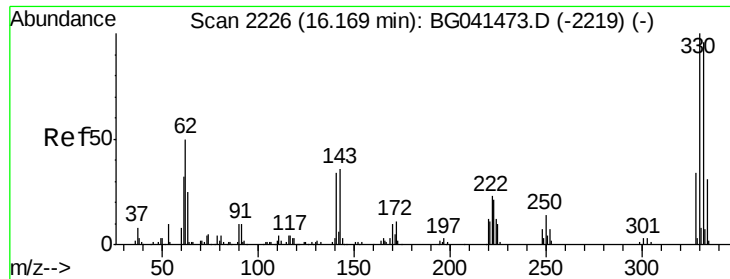
Tot Ion	82	Resp	223156
Ion Ratio	100	Lower	Upper
128	37.3	30.9	46.3
54	54.0	42.2	63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

Tgt Ion	164	Resp	81526
Ion Ratio	100	Lower	Upper
162	106.6	84.4	126.6
160	44.7	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 129.877 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

Instrument :

BNA_G

ClientSampleId :

M-2

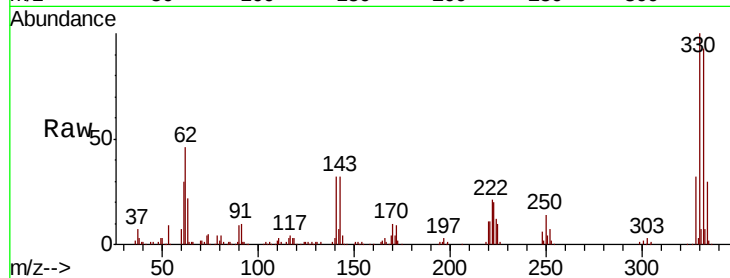
Tot Ion:330 Resp: 180789

Ion Ratio Lower Upper

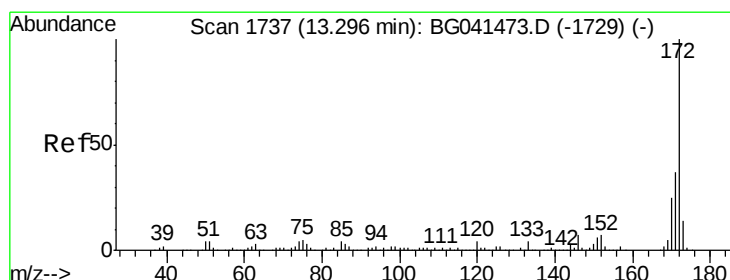
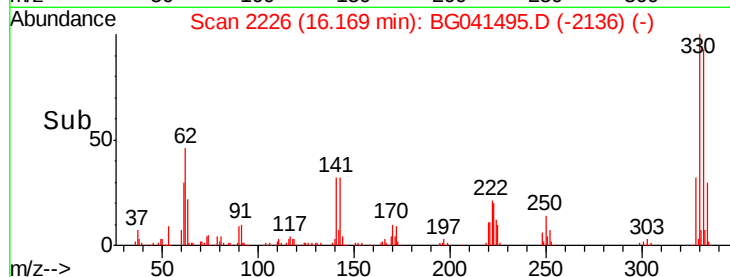
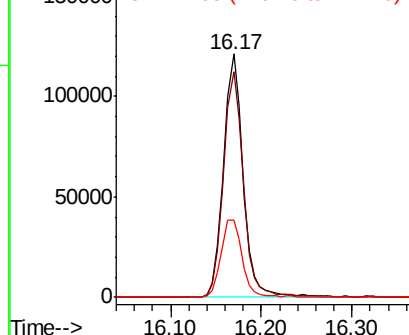
330 100

332 95.0 75.5 113.3

141 34.9 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: 85.979 ng

RT: 13.30 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

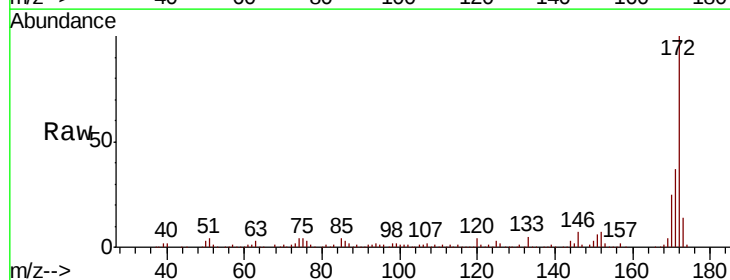
Tgt Ion:172 Resp: 546227

Ion Ratio Lower Upper

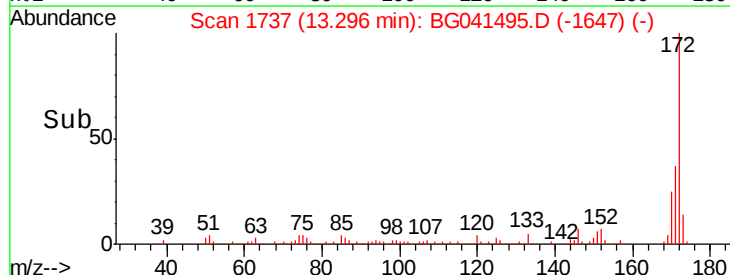
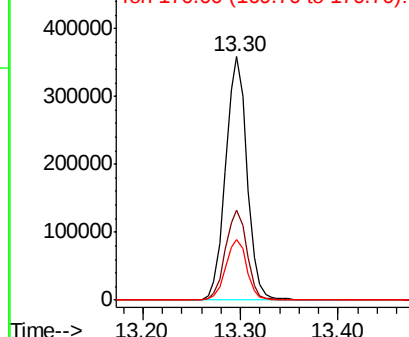
172 100

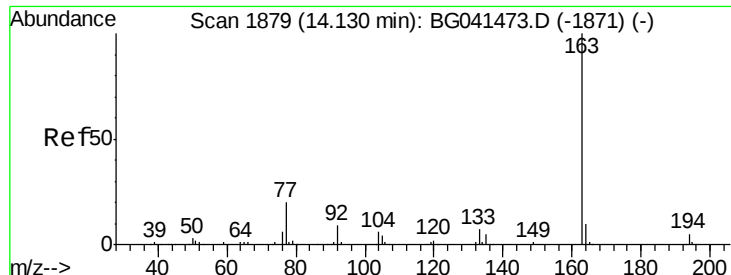
171 36.9 29.6 44.4

170 24.7 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





#50

Dimethylphthalate

Concen: 11.202 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

Instrument :

BNA_G

ClientSampleId :

M-2

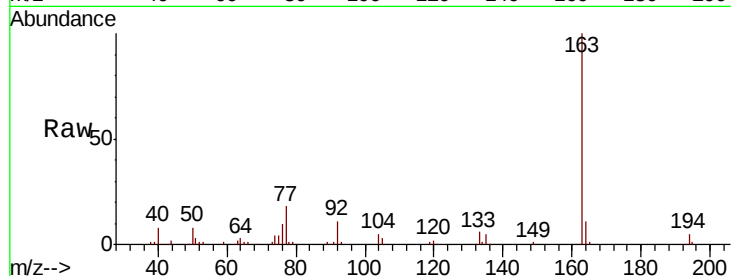
Tot Ion:163 Resp: 83111

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

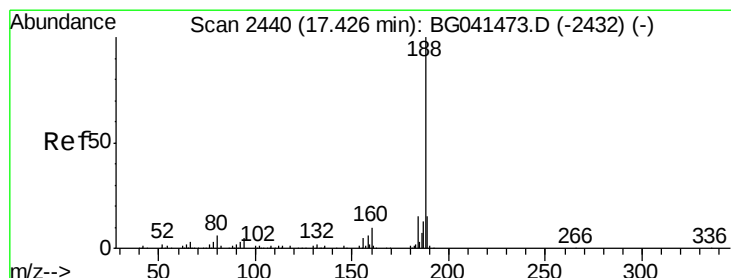
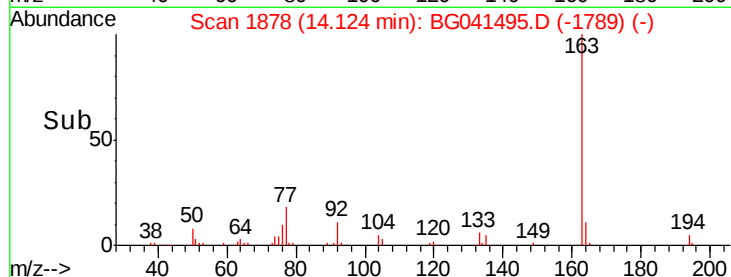
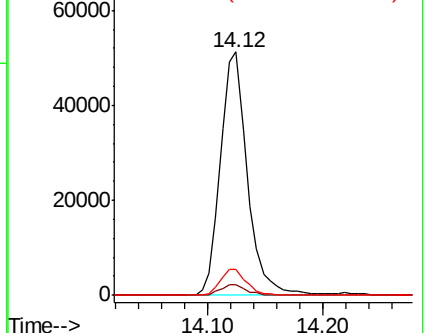
164 10.8 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG041495.D

Acq: 27 Jun 2019 19:35

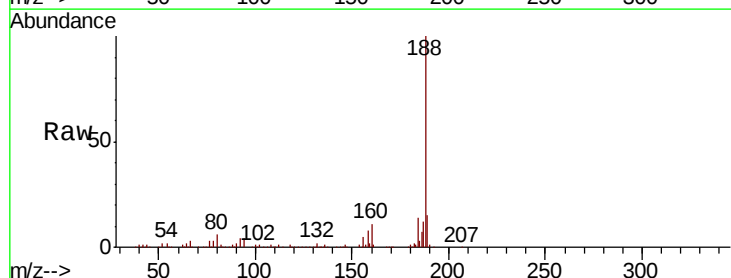
Tgt Ion:188 Resp: 208616

Ion Ratio Lower Upper

188 100

94 4.4 3.8 5.8

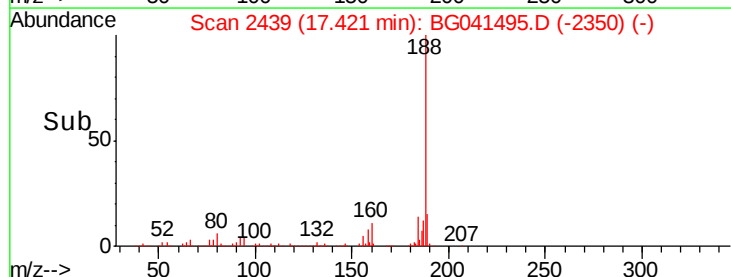
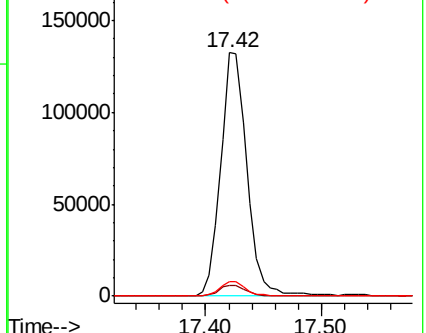
80 5.9 4.8 7.2

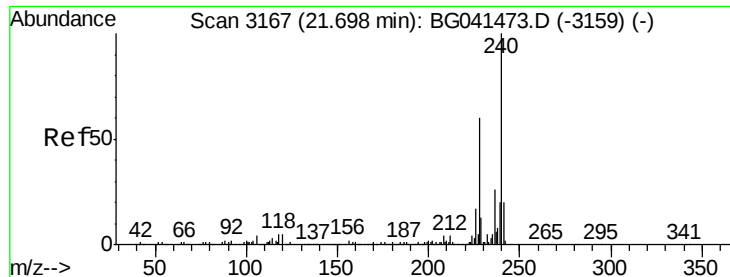


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

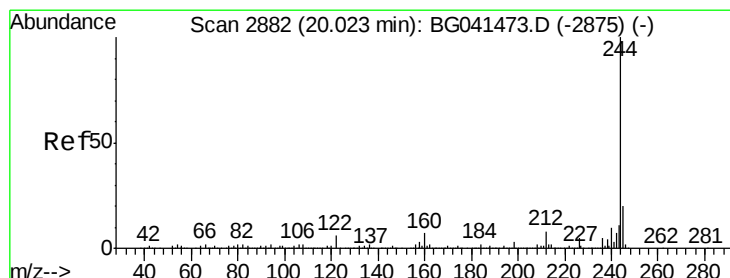
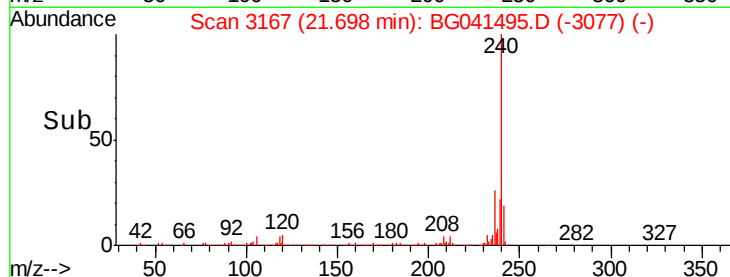
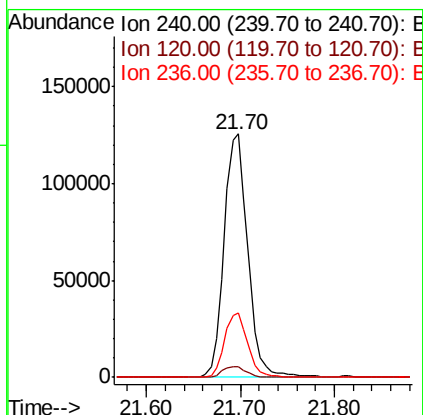
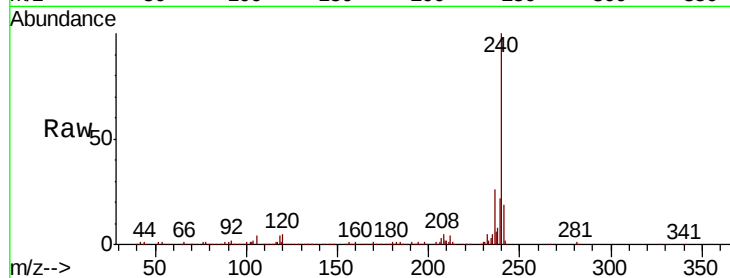




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

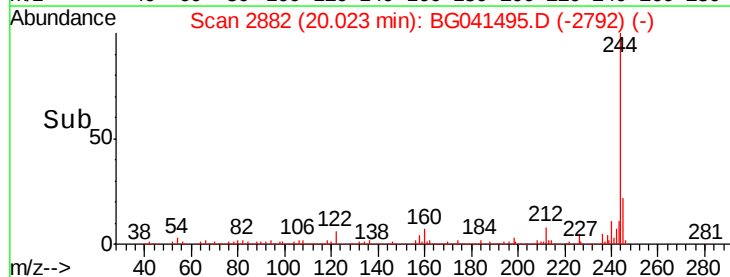
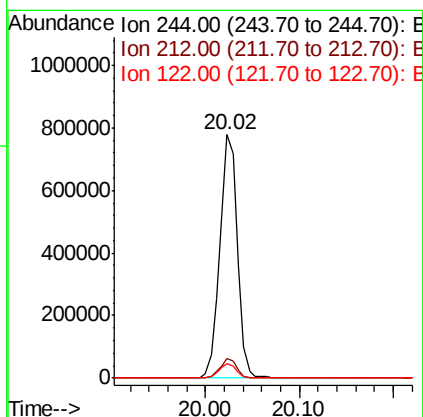
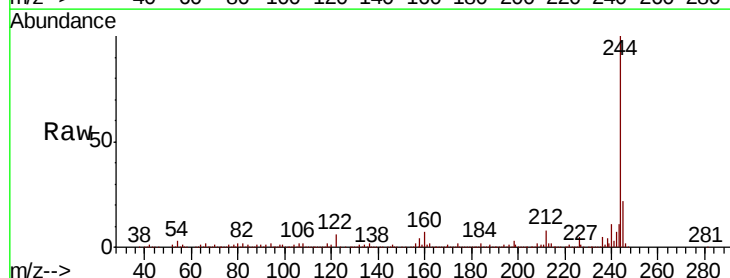
Instrument :
BNA_G
ClientSampleId :
M-2

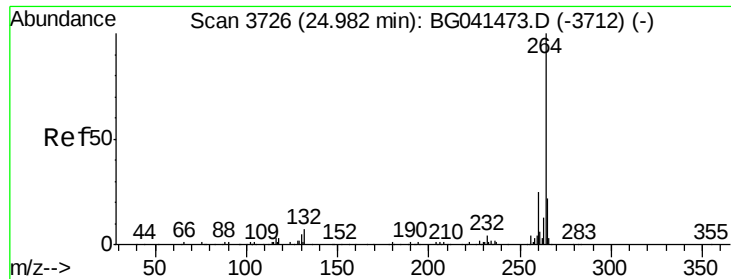
Tot Ion:240 Resp: 219726
Ion Ratio Lower Upper
240 100
120 4.6 3.7 5.5
236 26.4 20.8 31.2



#79
Terphenyl-d14
Concen: 98.377 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

Tgt Ion:244 Resp: 1017186
Ion Ratio Lower Upper
244 100
212 8.2 6.2 9.4
122 6.0 4.8 7.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG041495.D
Acq: 27 Jun 2019 19:35

Instrument :
BNA_G
ClientSampleId :
M-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.7	29.5
265	20.5	17.4	26.2

