

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
 Data File : BG040497.D
 Acq On : 16 Apr 2019 2:20
 Operator : JU/SJ
 Sample : K2397-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-D

Quant Time: Apr 16 04:25:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46015	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	175824	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	114676	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	311608	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	315147	20.00	ng	-0.04
87) Perylene-d12	24.98	264	328003	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	295289	106.68	ng	-0.02
7) Phenol-d6	7.20	99	354052	92.55	ng	-0.02
23) Nitrobenzene-d5	9.22	82	305624	92.39	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	150112	121.12	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	692571	89.49	ng	-0.03
79) Terphenyl-d14	20.02	244	1353937	96.65	ng	-0.03

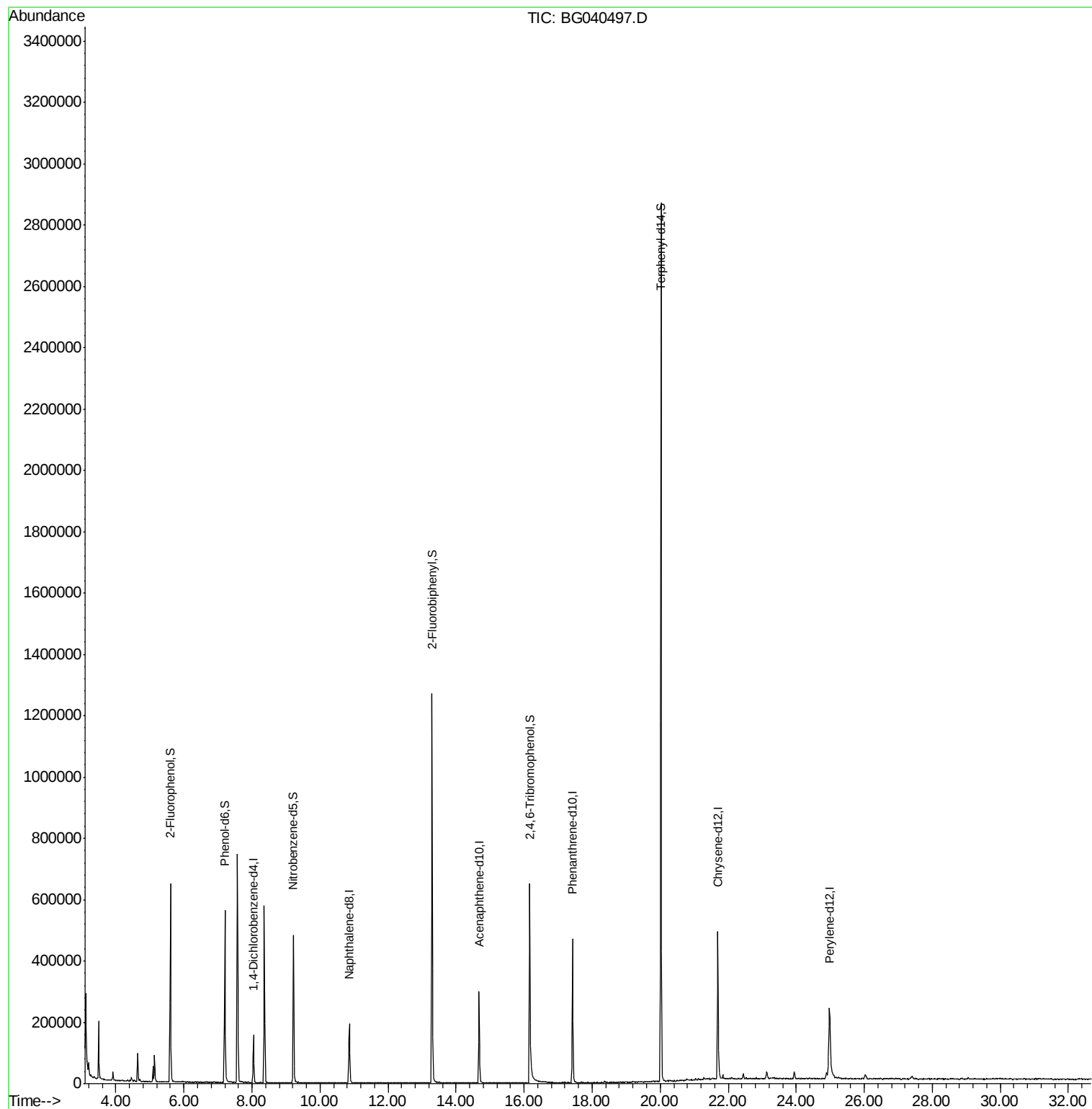
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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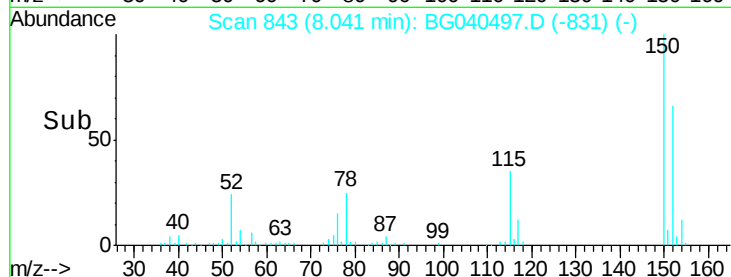
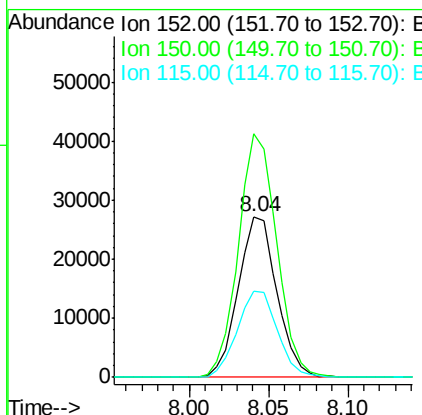
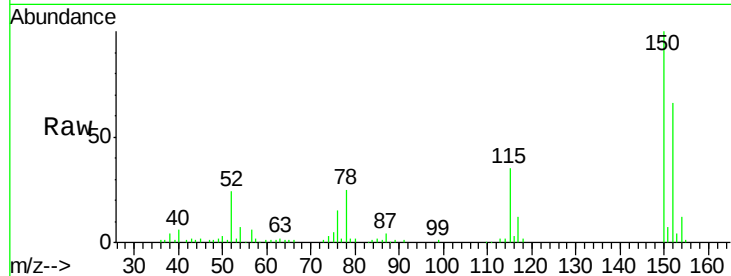


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040497.D
Acq: 16 Apr 2019 2:20

Instrument :
BNA_G
ClientSampled :
TP-1-D

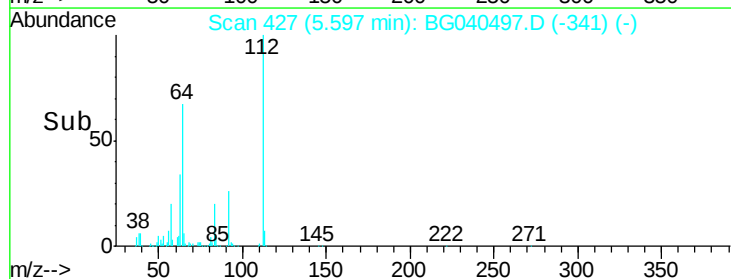
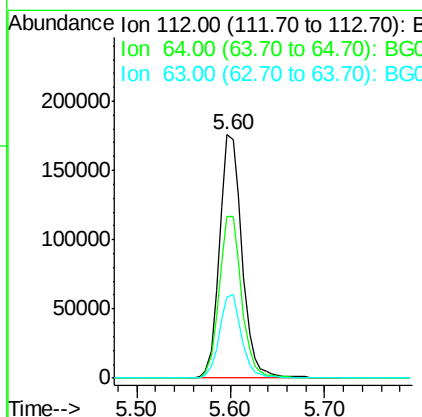
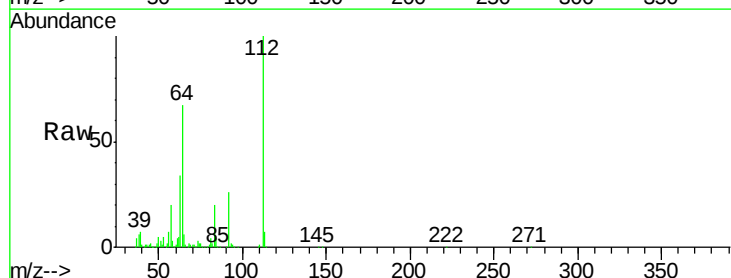
Tgt Ion:152 Resp: 46015
Ion Ratio Lower Upper
152 100
150 151.4 123.7 185.5
115 53.6 46.9 70.3



#5

2-Fluorophenol
Concen: 106.681 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040497.D
Acq: 16 Apr 2019 2:20

Tgt Ion:112 Resp: 295289
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.2
63 33.5 26.4 39.6





#7

Phenol-d6

Concen: 92.554 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040497.D

Acq: 16 Apr 2019 2:20

Instrument :

BNA_G

ClientSampled :

TP-1-D

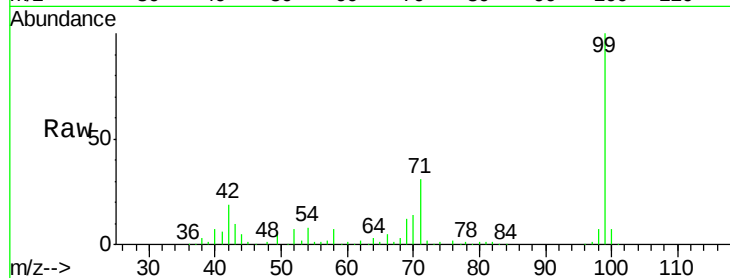
Tgt Ion: 99 Resp: 354052

Ion Ratio Lower Upper

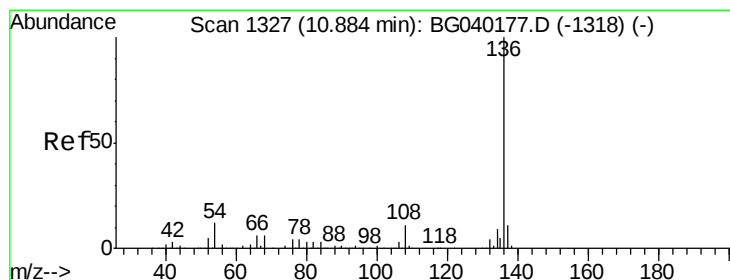
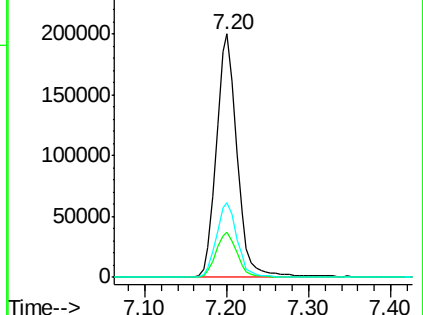
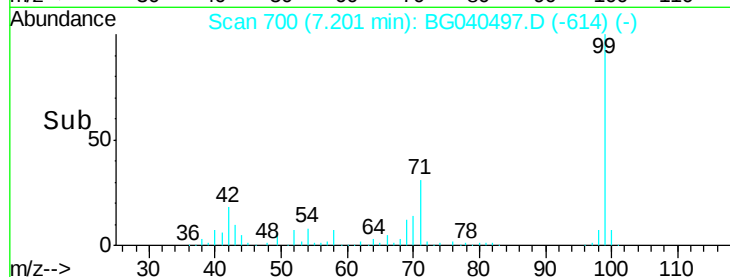
99 100

42 18.6 16.2 24.2

71 30.9 26.8 40.2



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040497.D

Acq: 16 Apr 2019 2:20

Tgt Ion: 136 Resp: 175824

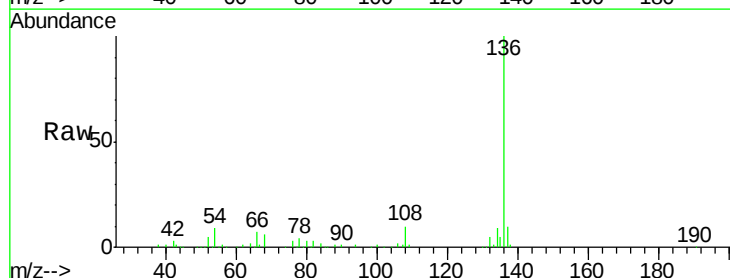
Ion Ratio Lower Upper

136 100

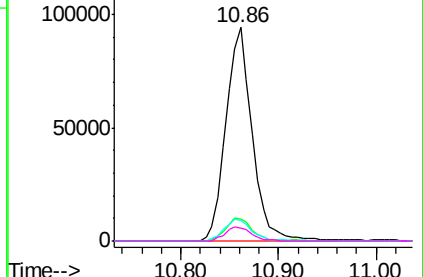
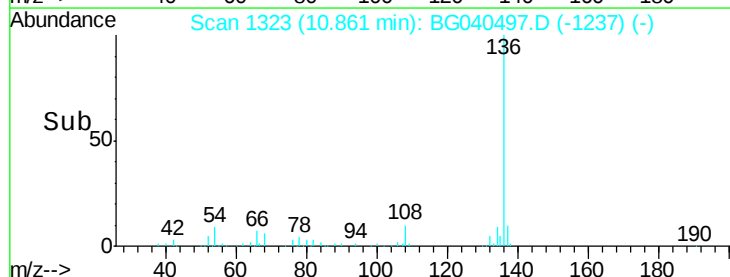
137 10.0 8.9 13.3

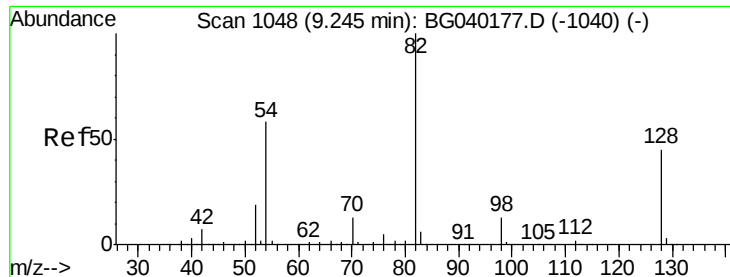
54 9.4 9.6 14.4#

68 6.3 5.1 7.7



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

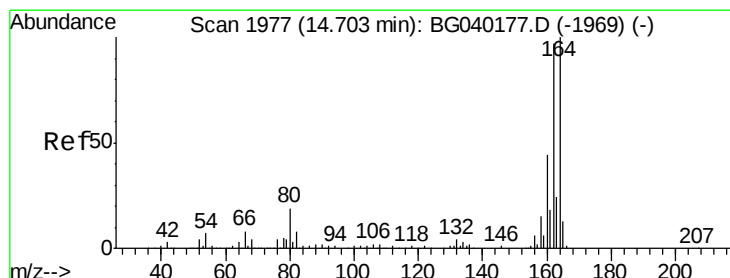
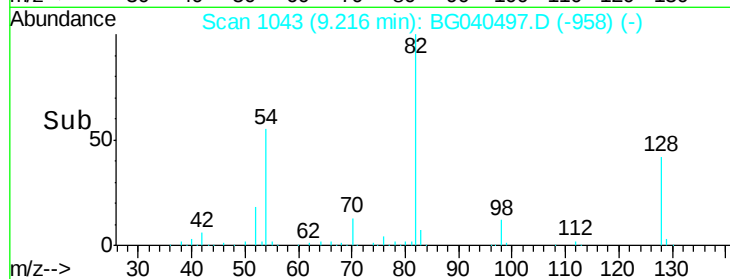
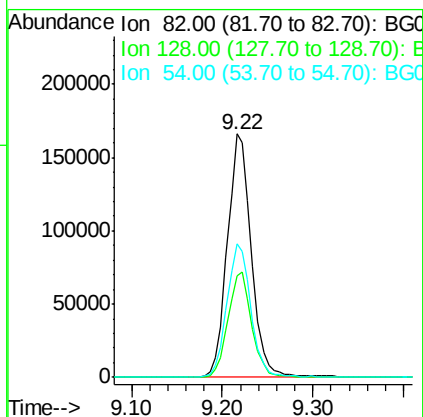
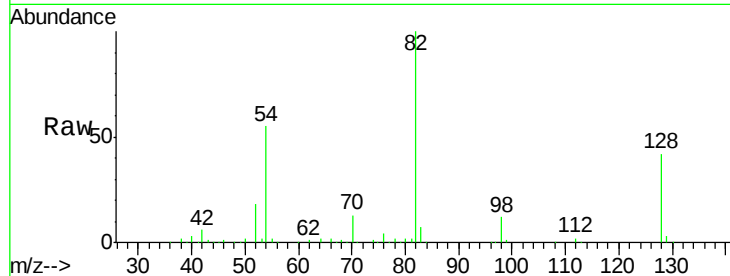




#23
 Nitrobenzene-d5
 Concen: 92.393 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040497.D
 Acq: 16 Apr 2019 2:20

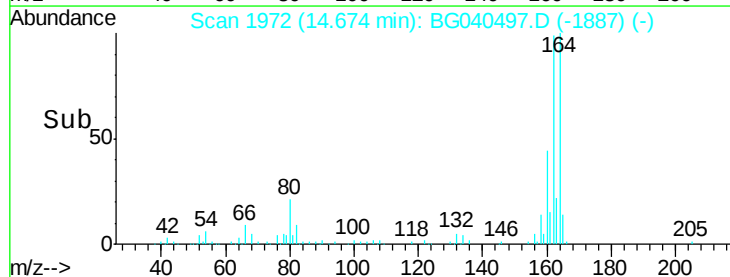
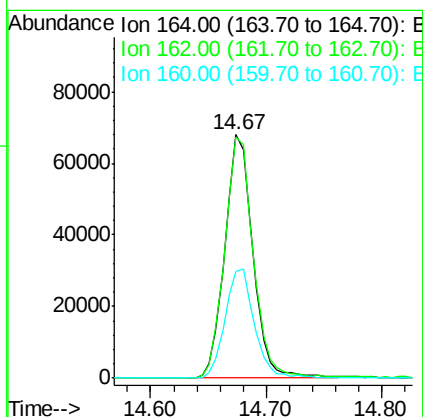
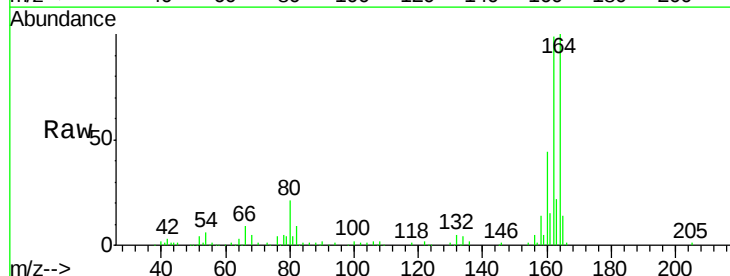
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-D

Tgt Ion: 82 Resp: 305624
 Ion Ratio Lower Upper
 82 100
 128 41.7 35.8 53.8
 54 54.9 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040497.D
 Acq: 16 Apr 2019 2:20

Tgt Ion: 164 Resp: 114676
 Ion Ratio Lower Upper
 164 100
 162 98.9 77.4 116.2
 160 43.7 35.3 52.9

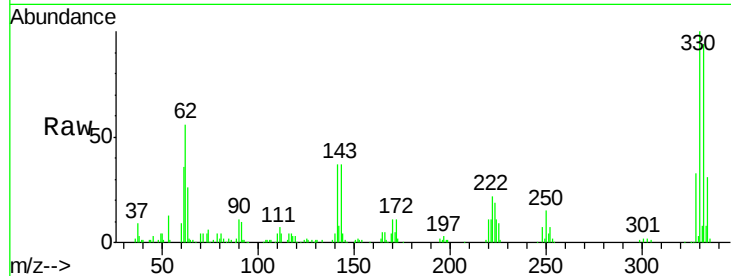




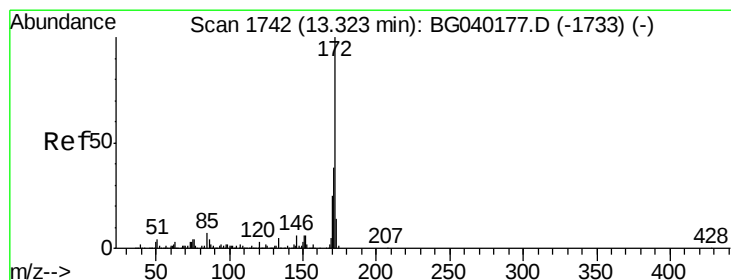
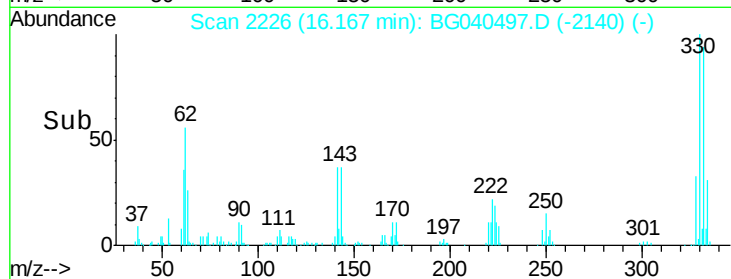
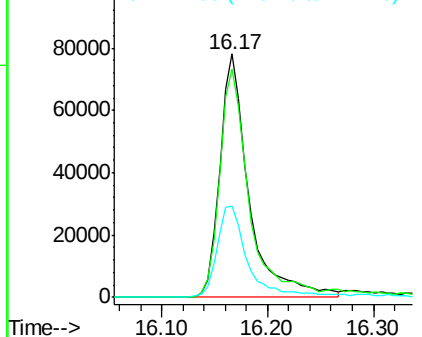
#42
 2,4,6-Tribromophenol
 Concen: 121.122 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040497.D
 Acq: 16 Apr 2019 2:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	38.8	32.6	48.8

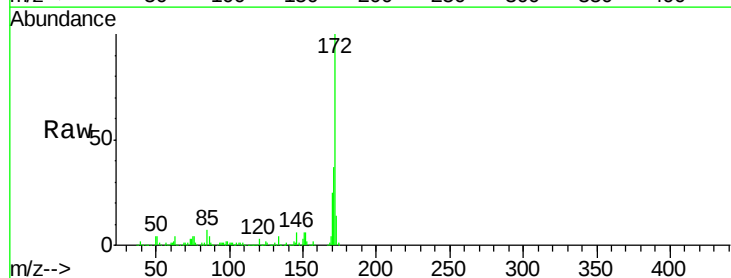


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

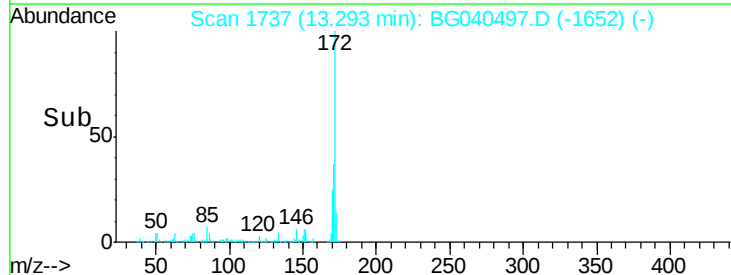
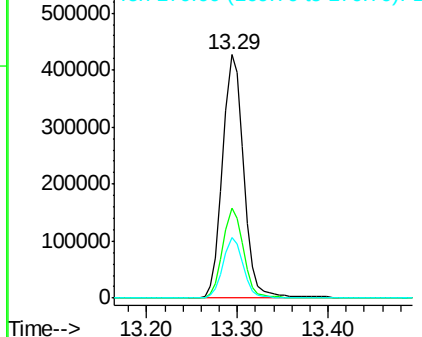


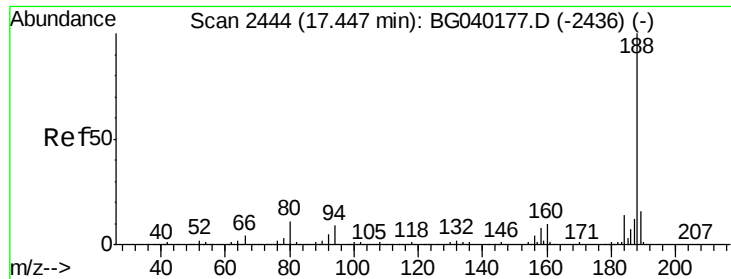
#45
 2-Fluorobiphenyl
 Concen: 89.489 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040497.D
 Acq: 16 Apr 2019 2:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.9	20.1	30.1



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. -0.02 min

Lab File: BG040497.D

Acq: 16 Apr 2019 2:20

Instrument :

BNA_G

ClientSampled :

TP-1-D

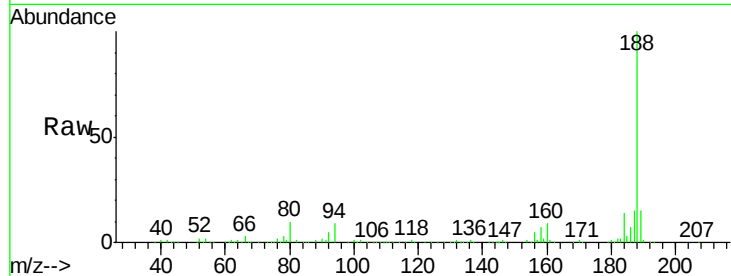
Tgt Ion:188 Resp: 311608

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

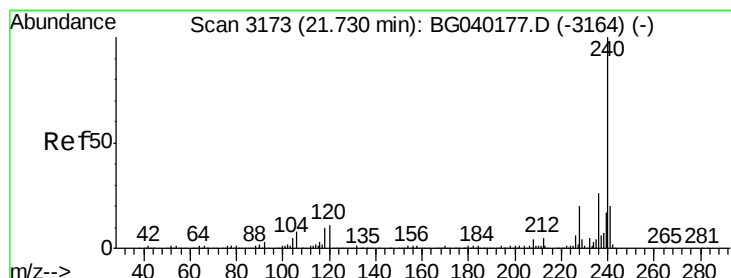
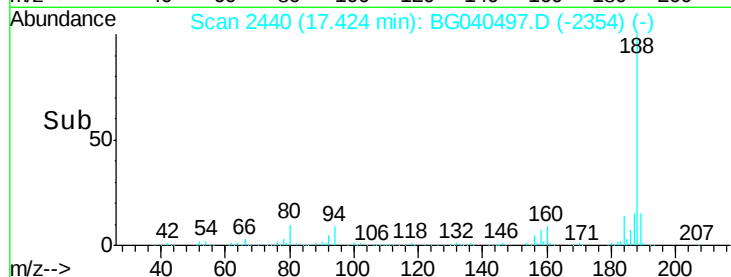
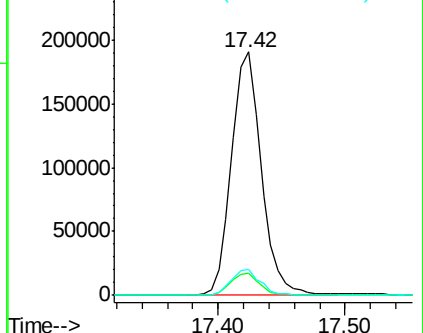
80 10.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG040497.D

Acq: 16 Apr 2019 2:20

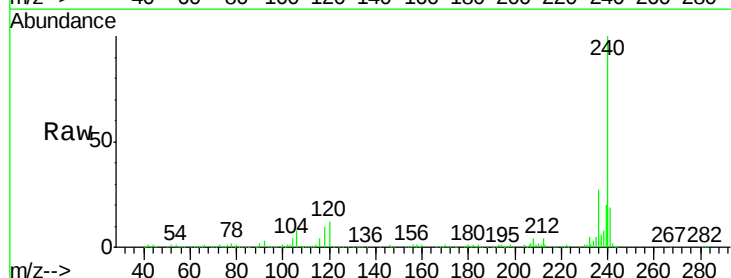
Tgt Ion:240 Resp: 315147

Ion Ratio Lower Upper

240 100

120 11.5 8.4 12.6

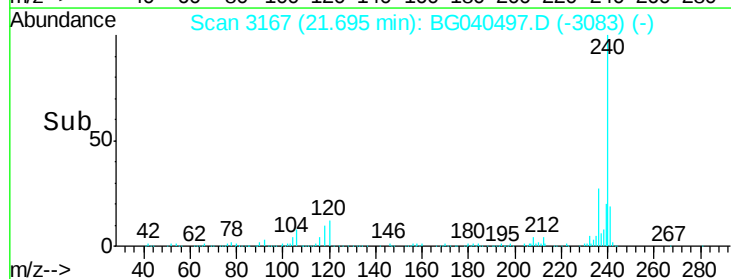
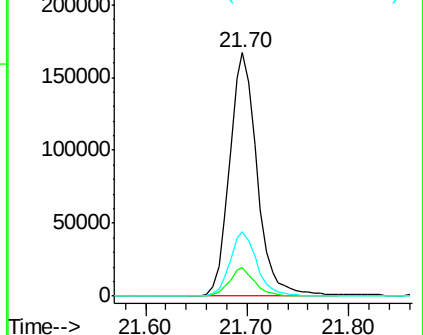
236 26.5 20.8 31.2



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: 96.650 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040497.D

Acq: 16 Apr 2019 2:20

Instrument :

BNA_G

ClientSampleId :

TP-1-D

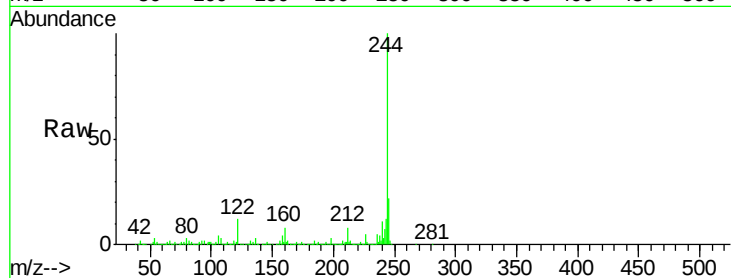
Tgt Ion:244 Resp: 1353937

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

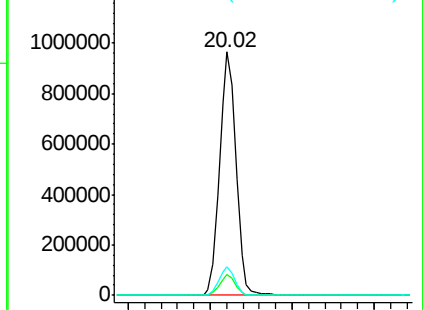
122 11.5 8.5 12.7



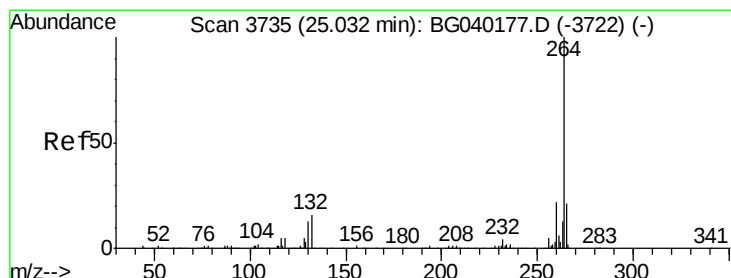
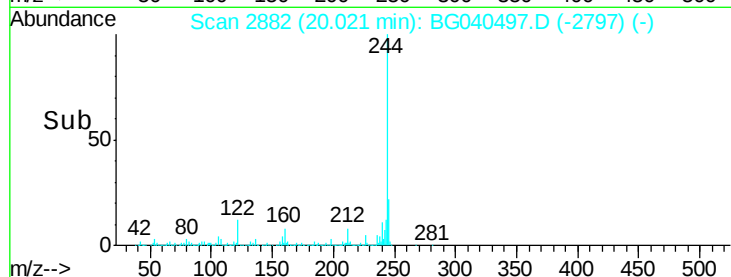
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040497.D

Acq: 16 Apr 2019 2:20

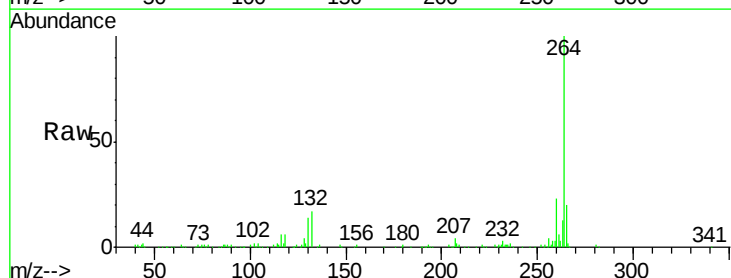
Tgt Ion:264 Resp: 328003

Ion Ratio Lower Upper

264 100

260 22.6 17.9 26.9

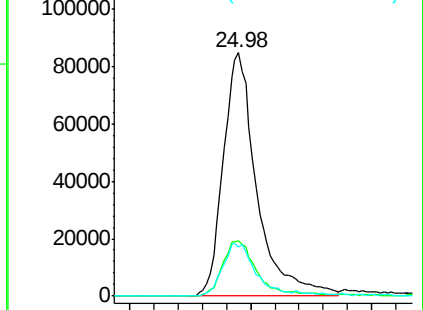
265 20.2 16.8 25.2



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



Time--> 24.80 25.00 25.20

