

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042897.D
 Acq On : 18 Sep 2019 16:55
 Operator : HP/JU
 Sample : K4877-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-2

Quant Time: Sep 19 02:39:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54287	20.00	ng	-0.03
21) Naphthalene-d8	10.90	136	213693	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	164188	20.00	ng	-0.03
64) Phenanthrene-d10	17.46	188	377289	20.00	ng	-0.03
76) Chrysene-d12	21.73	240	357768	20.00	ng	-0.03
87) Perylene-d12	24.99	264	382434	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	57	0.02	ng	0.00
7) Phenol-d6	7.28	99	1833	0.41	ng	0.00
23) Nitrobenzene-d5	9.26	82	415678	101.27	ng	-0.02
42) 2,4,6-Tribromophenol	15.82	330	74	0.03	ng	-0.40
45) 2-Fluorobiphenyl	13.34	172	1033634	99.65	ng	-0.03
79) Terphenyl-d14	20.07	244	1751650	108.51	ng	-0.03

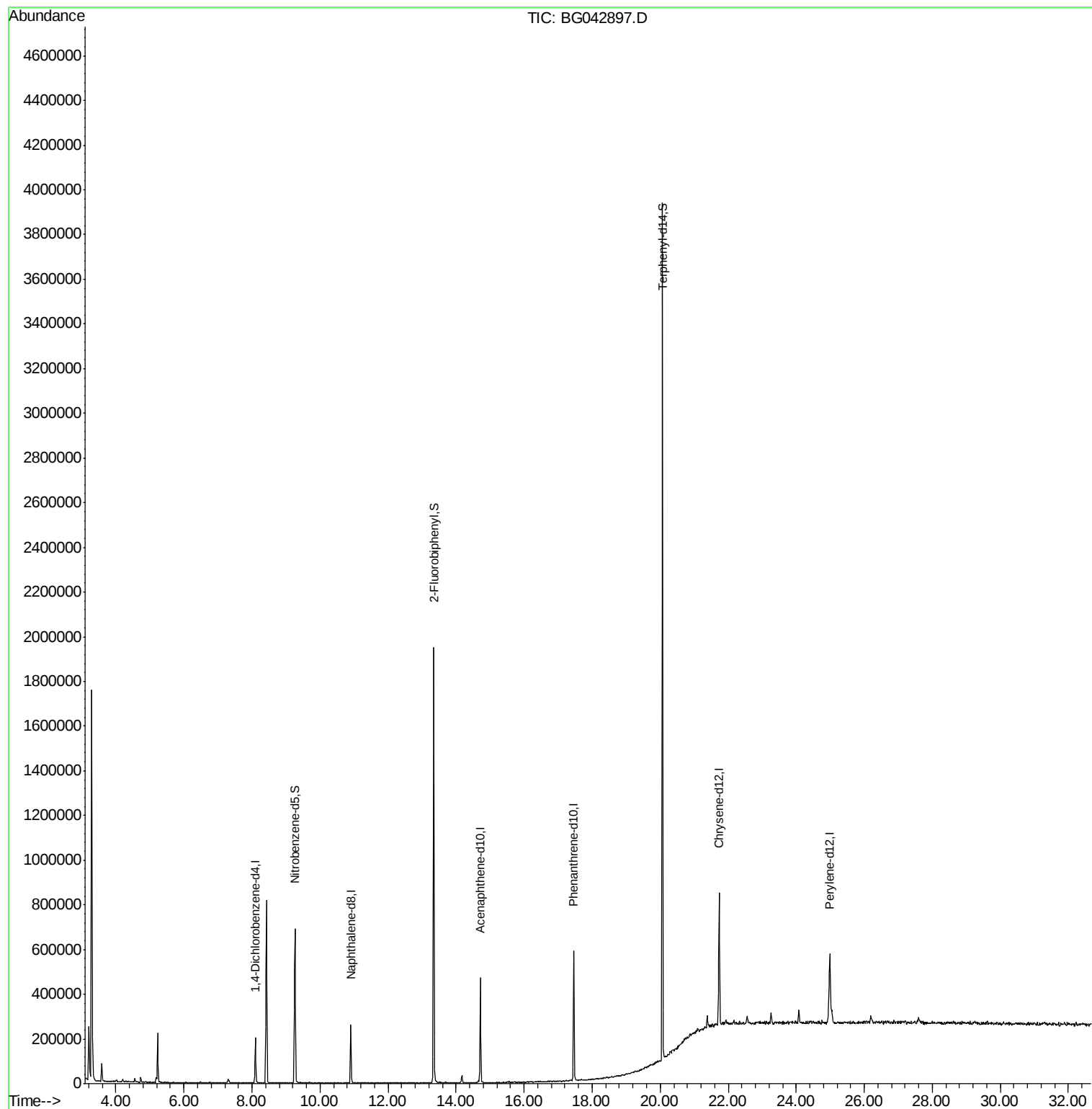
Target Compounds Qvalue

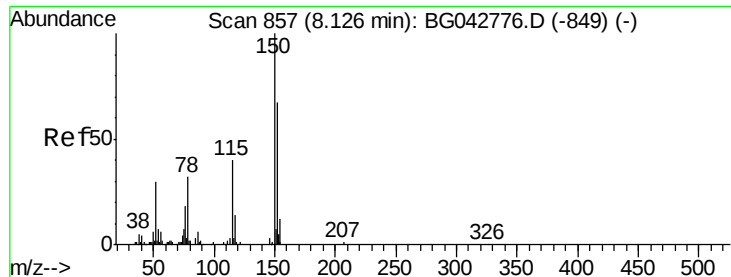
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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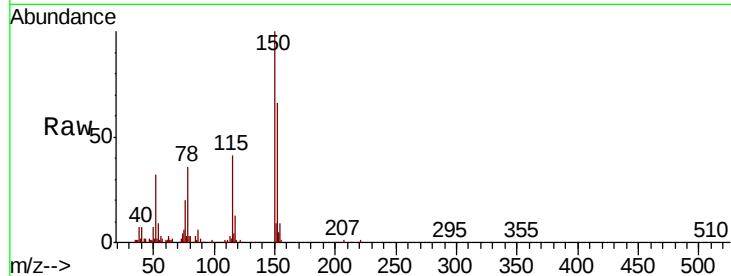


#1

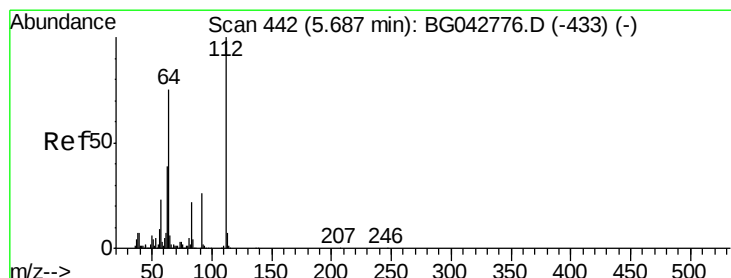
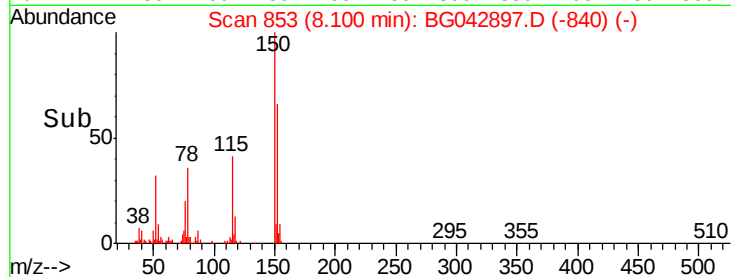
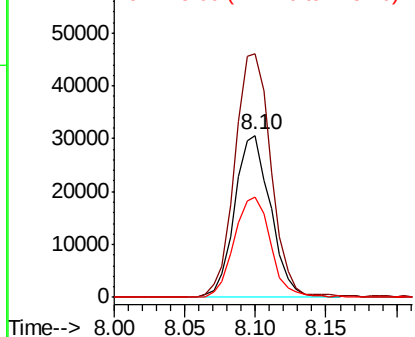
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG042897.D
Acq: 18 Sep 2019 16:55

Instrument :
BNA_G
ClientSampleId :
CSA-2-2

Tot Ion:152 Resp: 54287
Ion Ratio Lower Upper
152 100
150 150.4 118.9 178.3
115 62.2 47.4 71.2



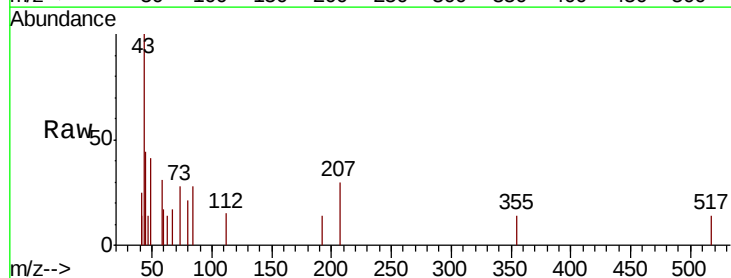
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



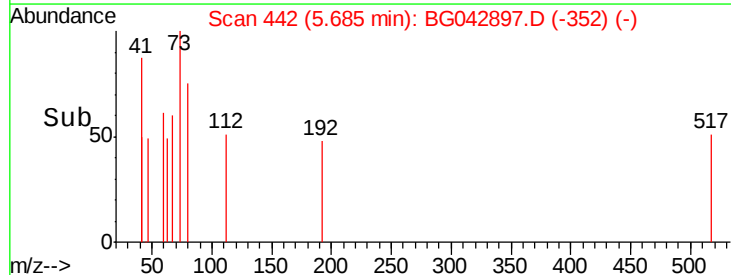
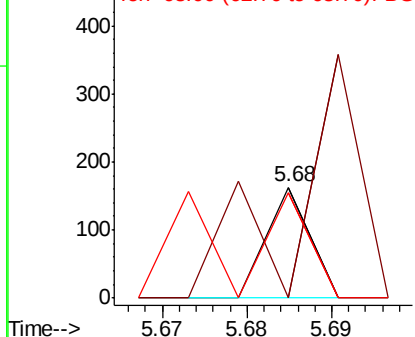
#5

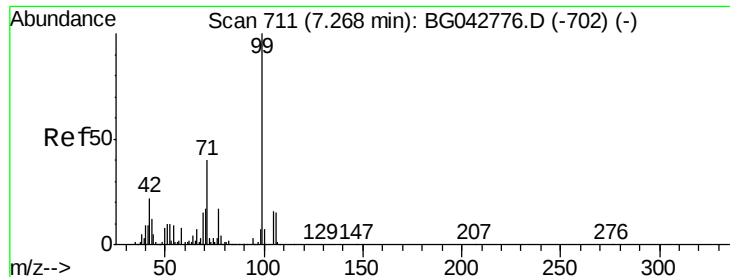
2-Fluorophenol
Concen: 0.018 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042897.D
Acq: 18 Sep 2019 16:55

Tgt Ion:112 Resp: 57
Ion Ratio Lower Upper
112 100
64 0.0 60.2 90.2#
63 94.5 31.2 46.8#



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: 0.409 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG042897.D

Acq: 18 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

CSA-2-2

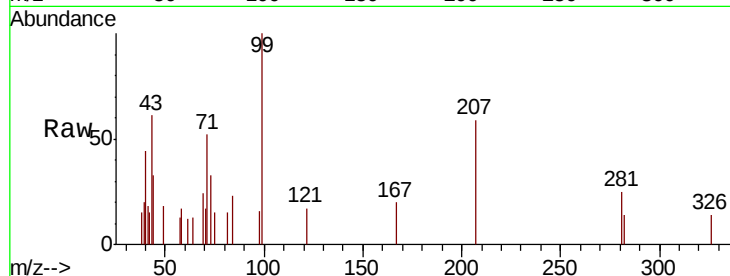
Tot Ion: 99 Resp: 1833

Ion Ratio Lower Upper

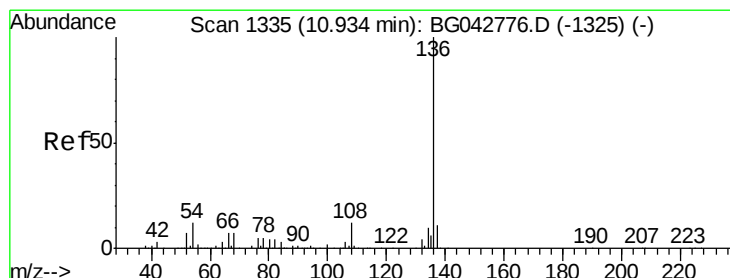
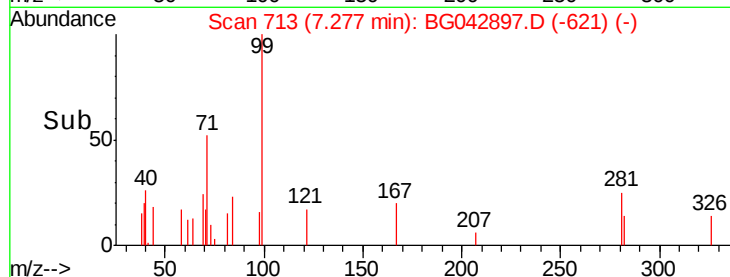
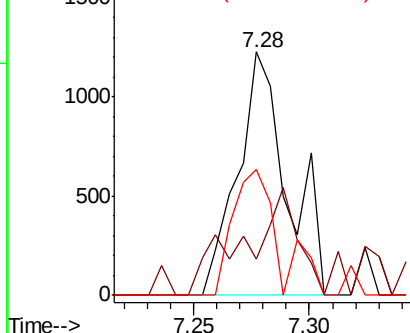
99 100

42 15.0 17.5 26.3#

71 51.5 32.0 48.0#



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: 10.90 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BG042897.D

Acq: 18 Sep 2019 16:55

Tgt Ion: 136 Resp: 213693

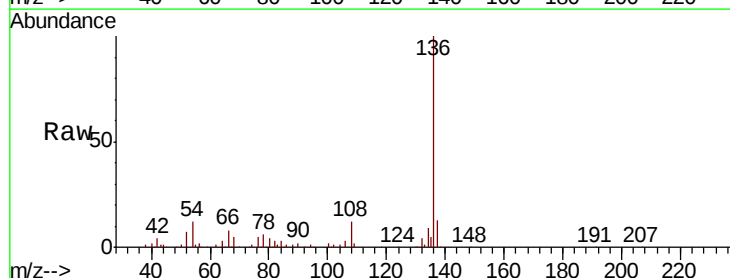
Ion Ratio Lower Upper

136 100

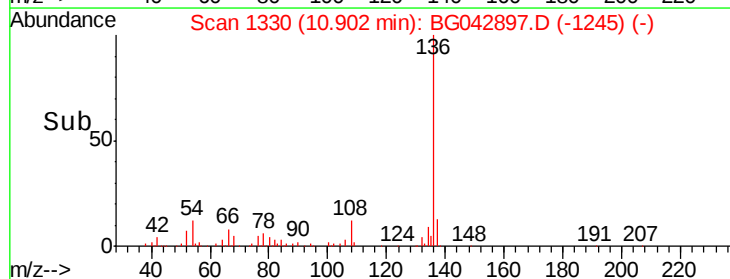
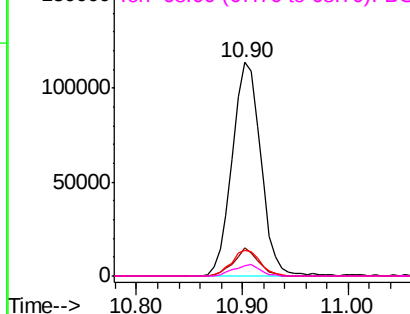
137 13.3 9.0 13.6

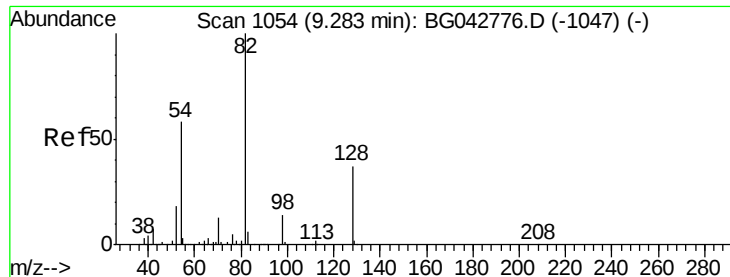
54 12.0 9.4 14.0

68 4.9 5.4 8.2#



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

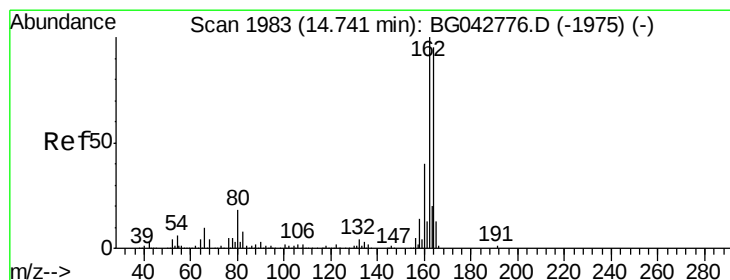
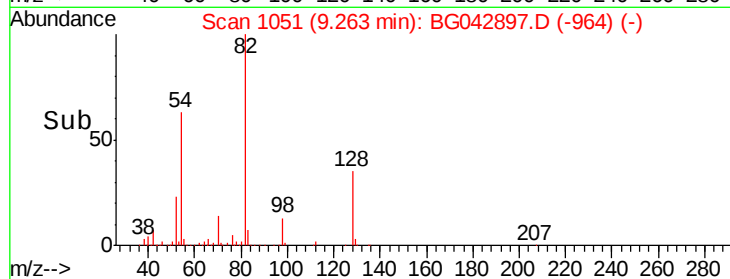
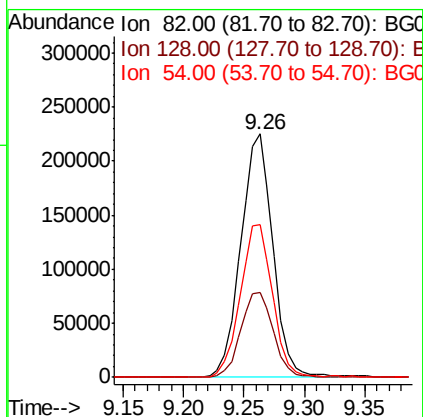
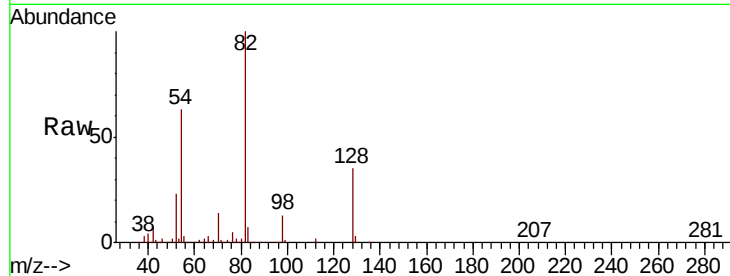




#23
 Nitrobenzene-d5
 Concen: 101.272 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG042897.D
 Acq: 18 Sep 2019 16:55

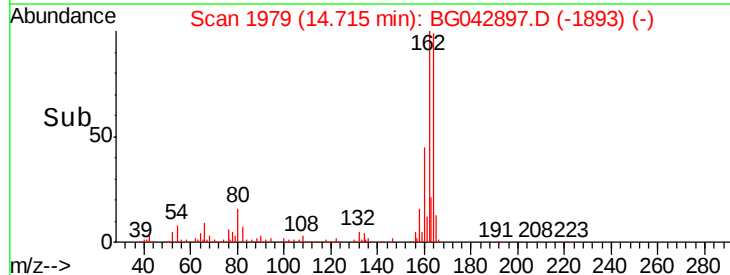
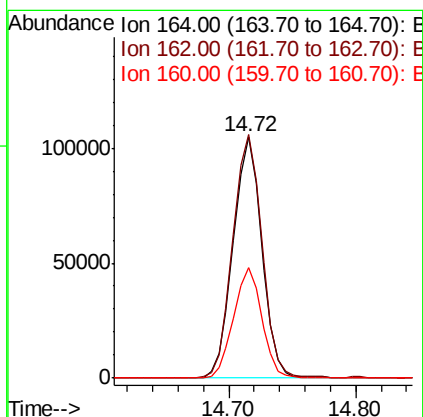
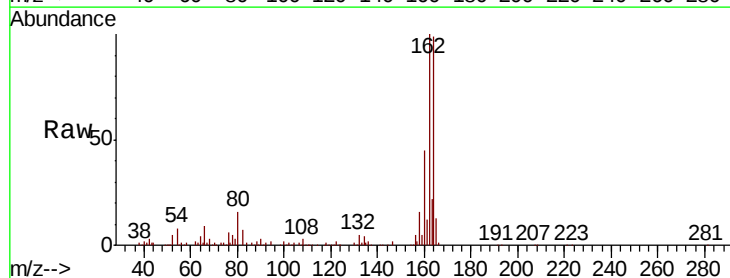
Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-2

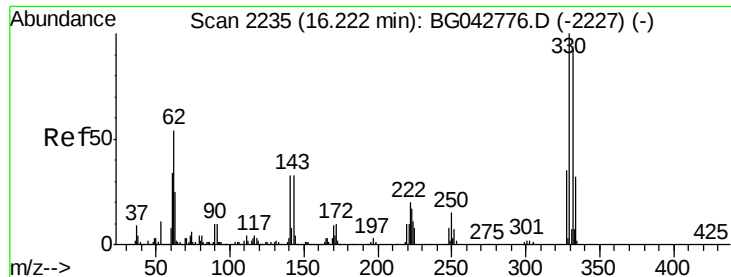
Tot Ion	82.00	Resp	415678
Ion Ratio	Lower	Upper	
82	100		
128	34.6	29.8	44.8
54	63.0	46.1	69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.03 min
 Lab File: BG042897.D
 Acq: 18 Sep 2019 16:55

Tgt Ion	164	Resp	164188
Ion Ratio	Lower	Upper	
164	100		
162	100.8	84.6	126.8
160	45.7	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 0.034 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.40 min

Lab File: BG042897.D

Acq: 18 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

CSA-2-2

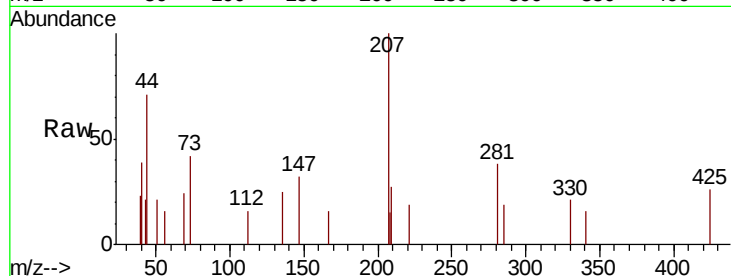
Tot Ion:330 Resp: 74

Ion Ratio Lower Upper

330 100

332 0.0 76.7 115.1#

141 0.0 27.0 40.6#

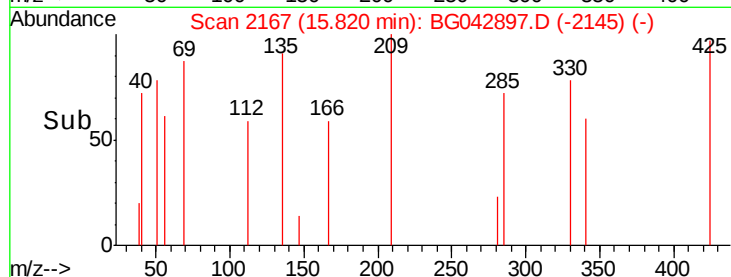


Abundance Ion 329.80 (329.50 to 330.50): E

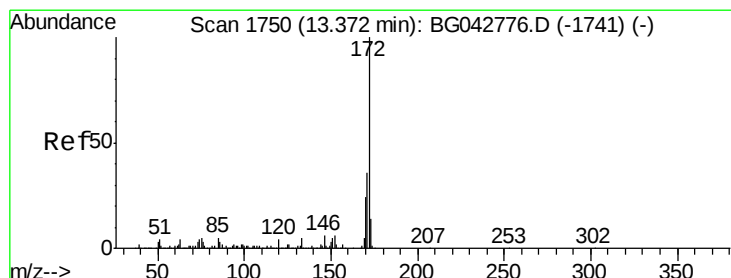
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.82



Time-->



#45

2-Fluorobiphenyl

Concen: 99.652 ng

RT: 13.34 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BG042897.D

Acq: 18 Sep 2019 16:55

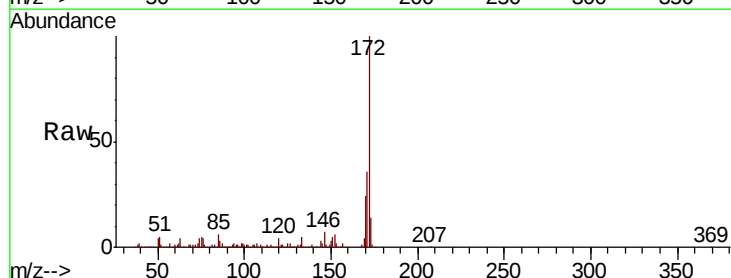
Tgt Ion:172 Resp: 1033634

Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

170 24.5 19.1 28.7

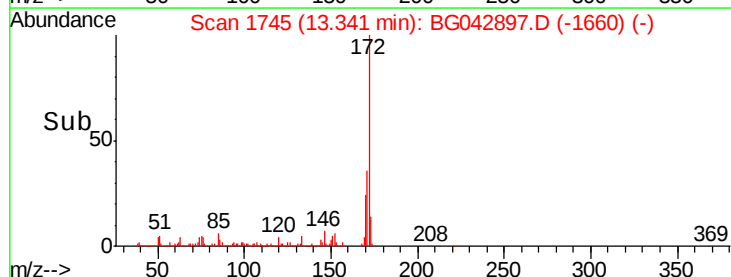


Abundance Ion 172.00 (171.70 to 172.70): E

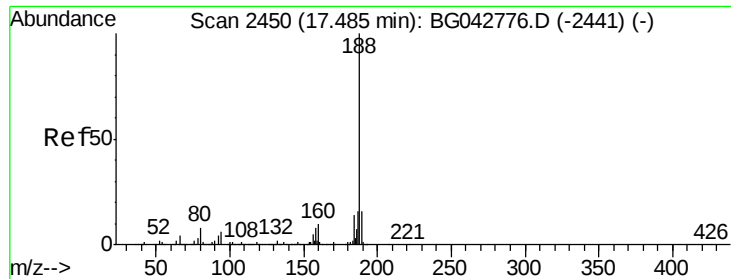
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

13.34



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.03 min

Lab File: BG042897.D

Acq: 18 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

CSA-2-2

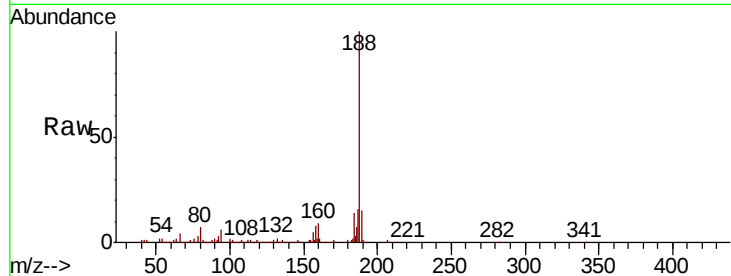
Tot Ion:188 Resp: 377289

Ion Ratio Lower Upper

188 100

94 5.7 4.8 7.2

80 6.6 6.6 9.8



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

300000

250000

200000

150000

100000

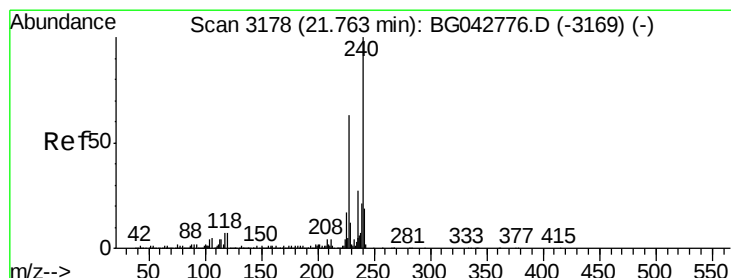
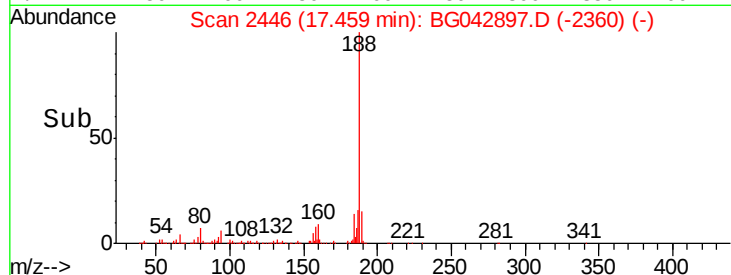
50000

0

17.46

17.40 17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.03 min

Lab File: BG042897.D

Acq: 18 Sep 2019 16:55

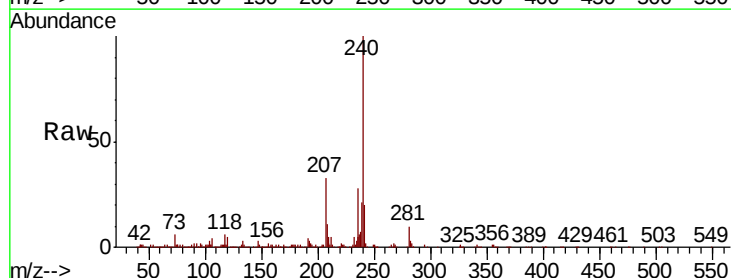
Tgt Ion:240 Resp: 357768

Ion Ratio Lower Upper

240 100

120 4.9 5.4 8.2#

236 27.7 21.7 32.5



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

250000

200000

150000

100000

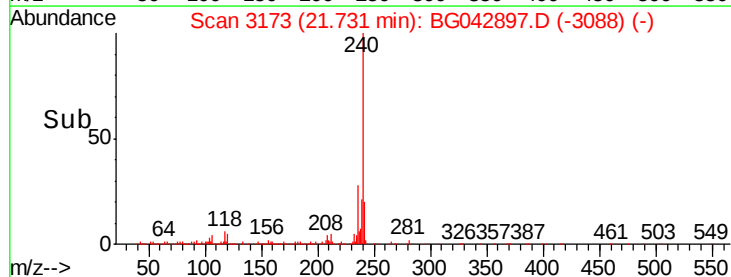
50000

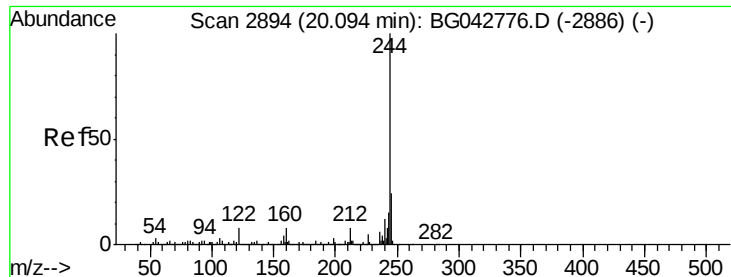
0

21.73

21.70 21.80

Time-->





#79

Terphenyl-d14

Concen: 108.510 ng

RT: 20.07 min Scan# 2890

Delta R.T. -0.03 min

Lab File: BG042897.D

Acq: 18 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

CSA-2-2

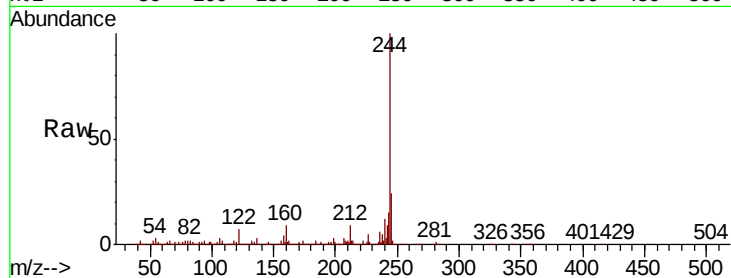
Tot Ion:244 Resp: 1751650

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

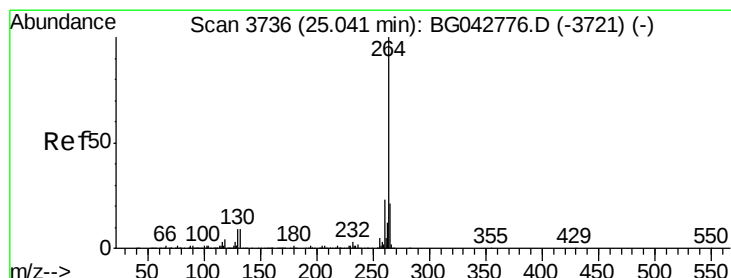
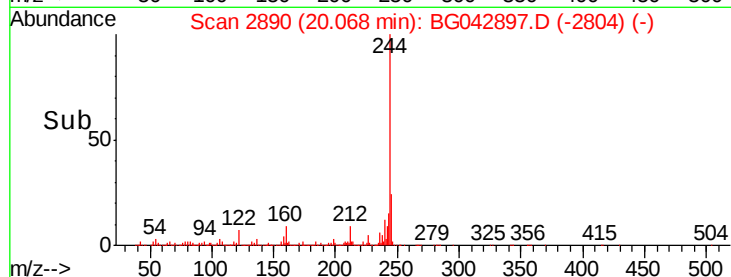
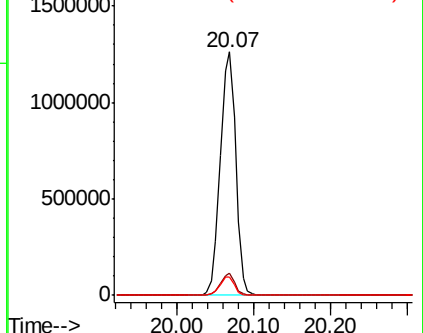
122 7.4 6.2 9.4



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. -0.06 min

Lab File: BG042897.D

Acq: 18 Sep 2019 16:55

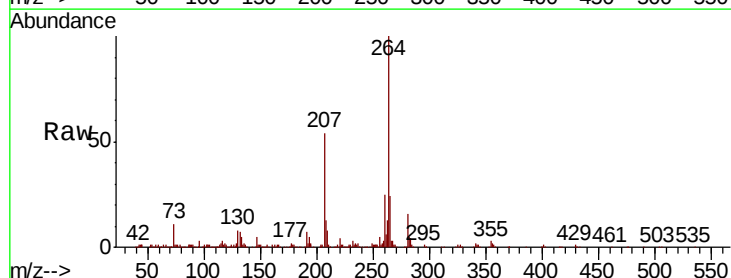
Tgt Ion:264 Resp: 382434

Ion Ratio Lower Upper

264 100

260 25.3 18.2 27.2

265 24.0 16.9 25.3



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

