

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042894.D
 Acq On : 18 Sep 2019 15:01
 Operator : HP/JU
 Sample : K4862-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-4-5

Quant Time: Sep 19 02:36:11 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	56782	20.00	ng	-0.03
21) Naphthalene-d8	10.91	136	227000	20.00	ng	-0.03
39) Acenaphthene-d10	14.71	164	170437	20.00	ng	-0.03
64) Phenanthrene-d10	17.46	188	391554	20.00	ng	-0.03
76) Chrysene-d12	21.73	240	374812	20.00	ng	-0.03
87) Perylene-d12	24.99	264	392730	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	402302	123.18	ng	0.00
7) Phenol-d6	7.29	99	561562	119.79	ng	0.02
23) Nitrobenzene-d5	9.26	82	465680	106.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.20	330	340575	150.20	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	1081207	100.42	ng	-0.03
79) Terphenyl-d14	20.06	244	1827123	108.04	ng	-0.03

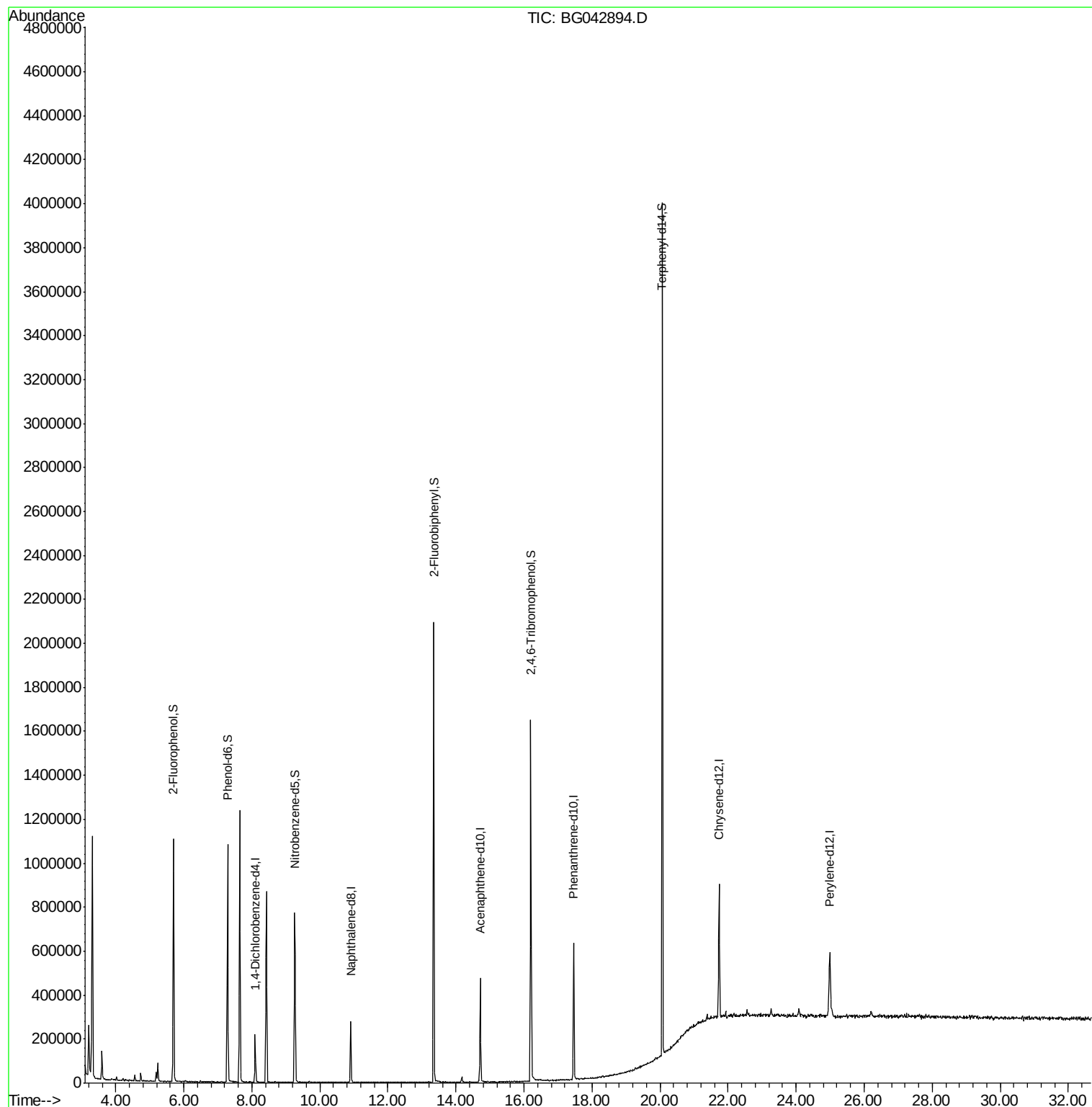
Target Compounds Qvalue

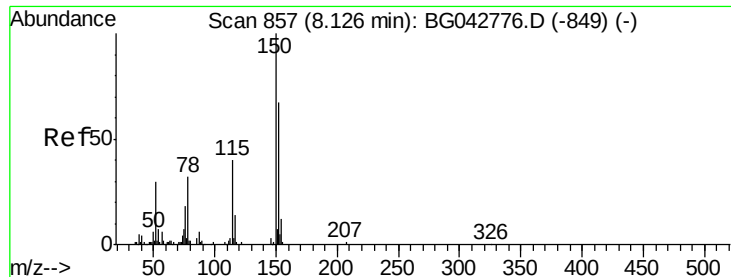
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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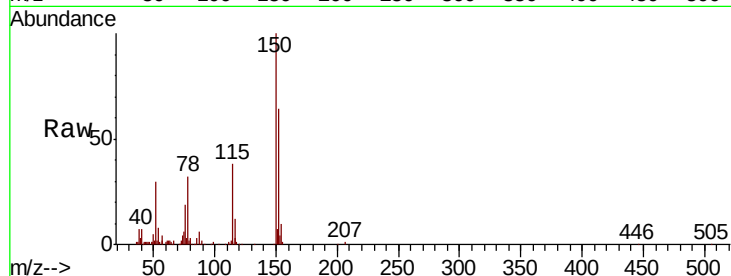


#1

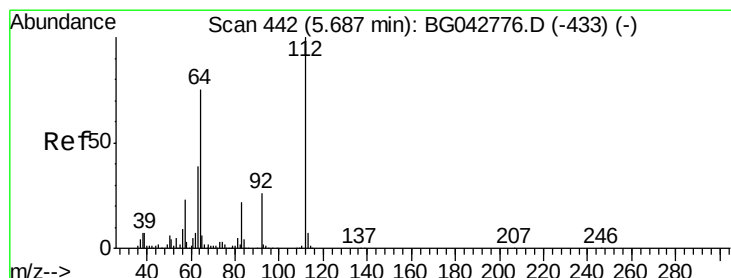
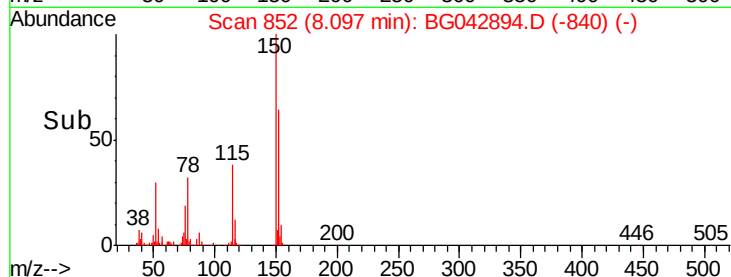
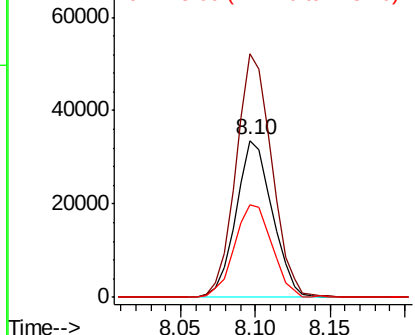
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 852
 Delta R.T. -0.03 min
 Lab File: BG042894.D
 Acq: 18 Sep 2019 15:01

Instrument :
 BNA_G
 ClientSampleId :
 CSA-4-5

Tot Ion:152 Resp: 56782
 Ion Ratio Lower Upper
 152 100
 150 155.1 118.9 178.3
 115 59.0 47.4 71.2



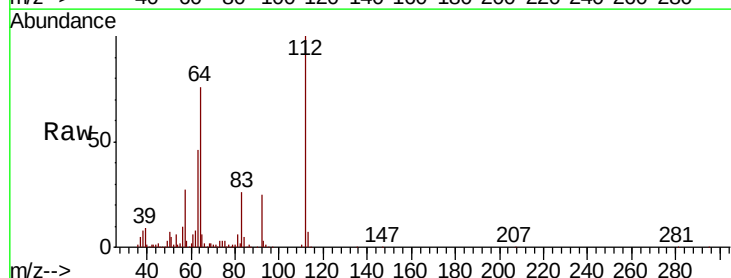
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



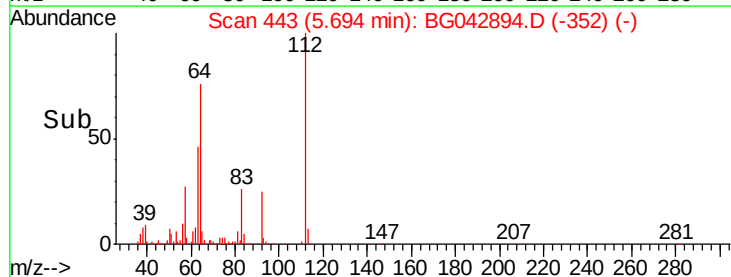
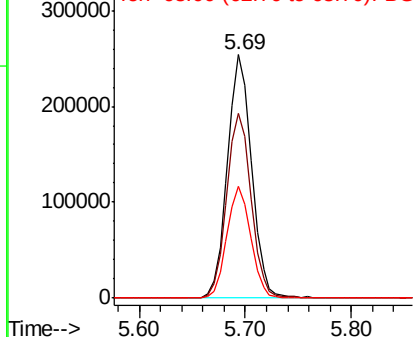
#5

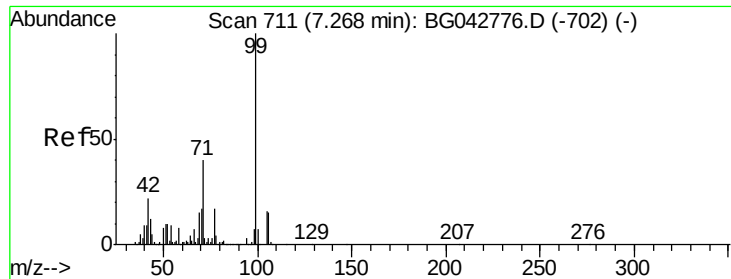
2-Fluorophenol
 Concen: 123.177 ng
 RT: 5.69 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BG042894.D
 Acq: 18 Sep 2019 15:01

Tgt Ion:112 Resp: 402302
 Ion Ratio Lower Upper
 112 100
 64 75.8 60.2 90.2
 63 46.1 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: 119.790 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.02 min

Lab File: BG042894.D

Acq: 18 Sep 2019 15:01

Instrument :

BNA_G

ClientSampleId :

CSA-4-5

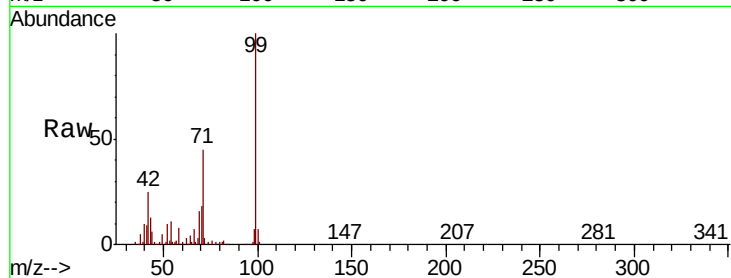
Tot Ion: 99 Resp: 561562

Ion Ratio Lower Upper

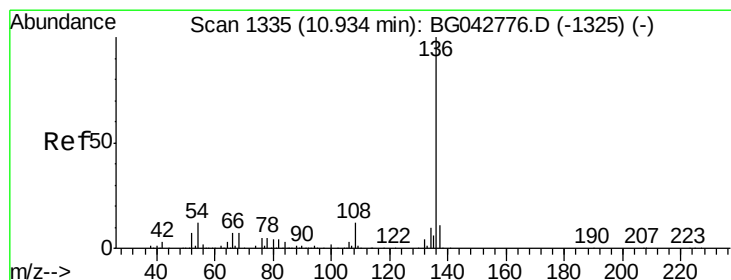
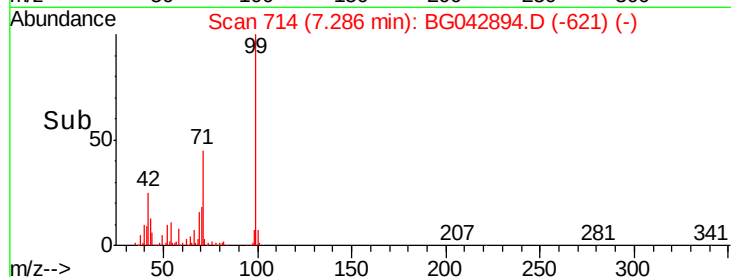
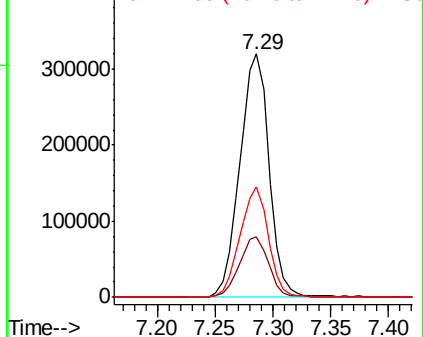
99 100

42 24.8 17.5 26.3

71 45.4 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: 10.91 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BG042894.D

Acq: 18 Sep 2019 15:01

Tgt Ion: 136 Resp: 227000

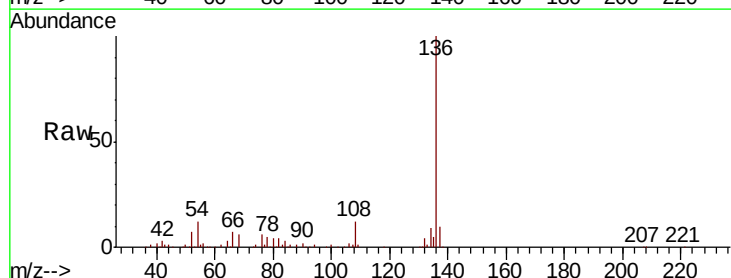
Ion Ratio Lower Upper

136 100

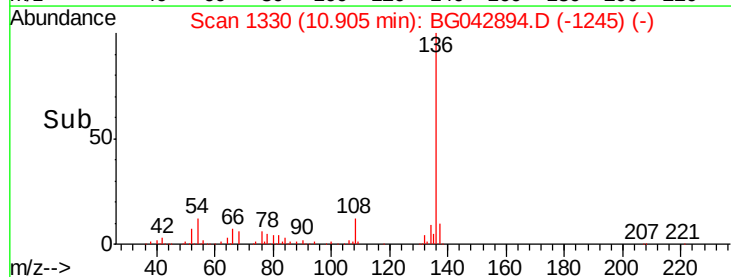
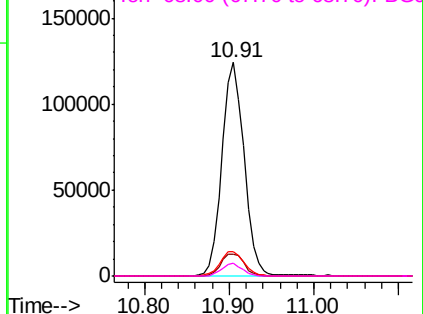
137 10.1 9.0 13.6

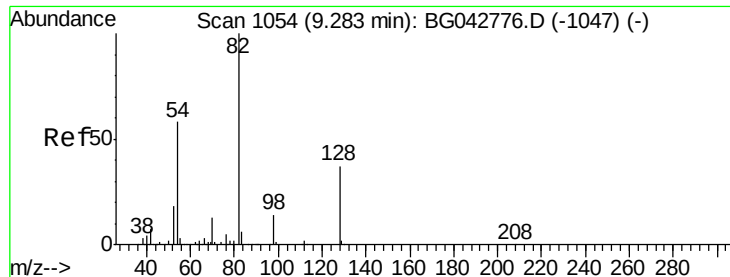
54 11.7 9.4 14.0

68 5.9 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

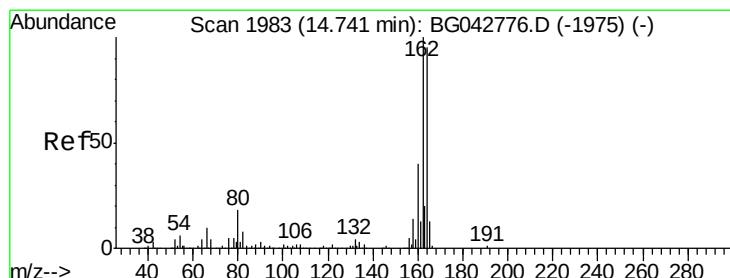
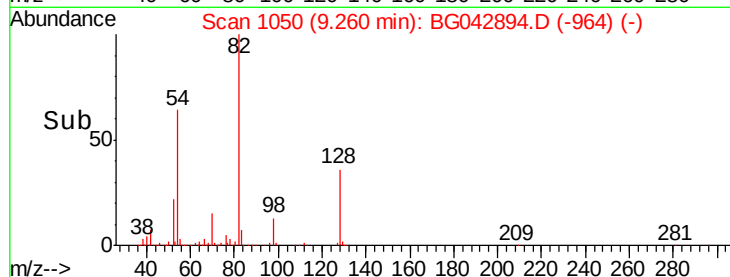
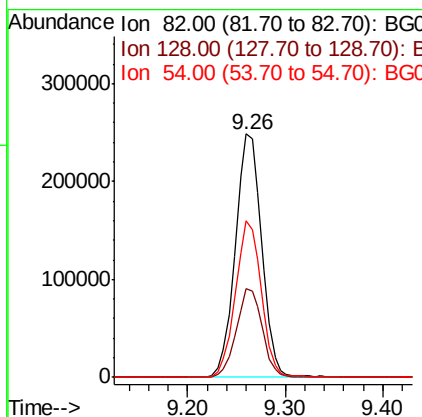
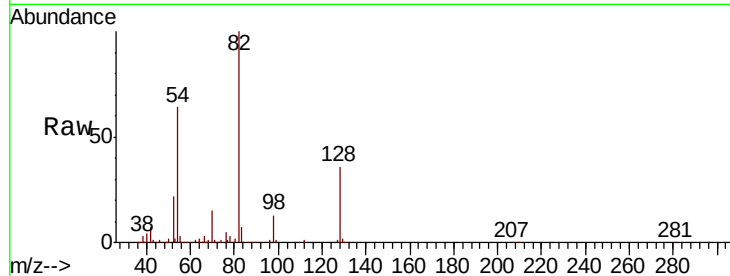




#23
 Nitrobenzene-d5
 Concen: 106.804 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BG042894.D
 Acq: 18 Sep 2019 15:01

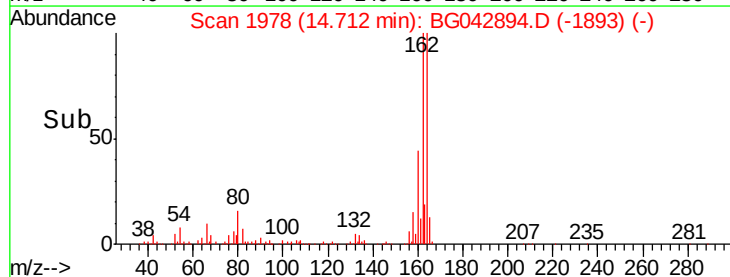
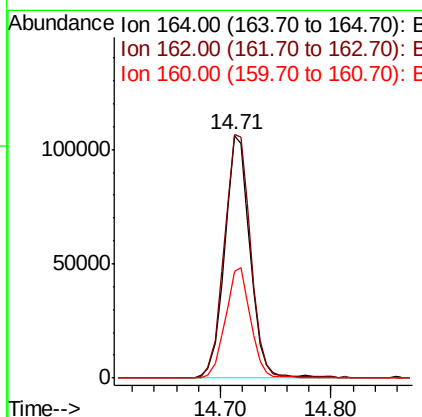
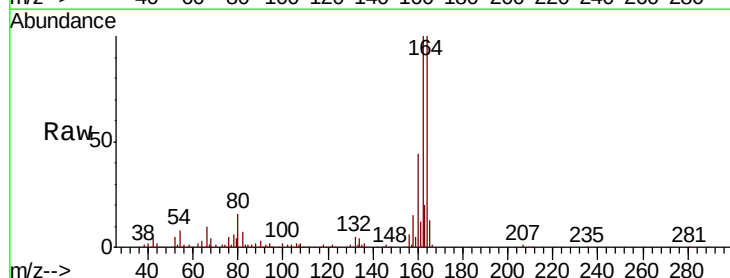
Instrument :
 BNA_G
 ClientSampleId :
 CSA-4-5

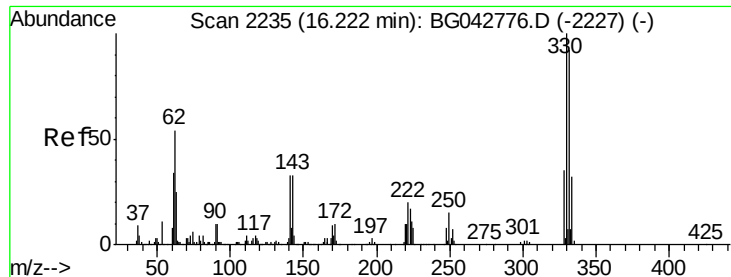
Tot Ion	82	Resp	465680
Ion Ratio	100	Lower	Upper
128	36.4	29.8	44.8
54	64.2	46.1	69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.03 min
 Lab File: BG042894.D
 Acq: 18 Sep 2019 15:01

Tgt Ion	164	Resp	170437
Ion Ratio	100	Lower	Upper
162	100.3	84.6	126.8
160	44.1	34.2	51.2

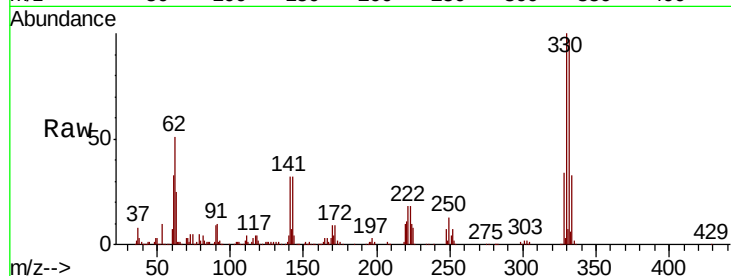




#42
2,4,6-Tribromophenol
Concen: 150.196 ng
RT: 16.20 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BG042894.D
Acq: 18 Sep 2019 15:01

Instrument :
BNA_G
ClientSampleId :
CSA-4-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.7	115.1
141	34.1	27.0	40.6

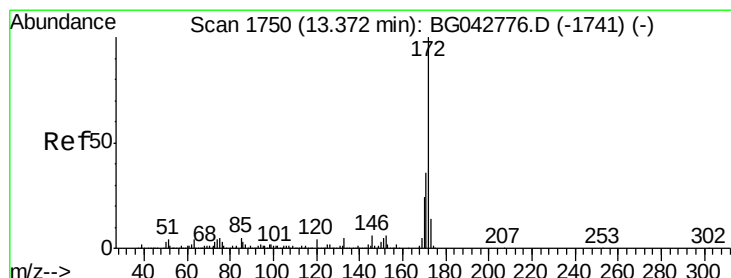
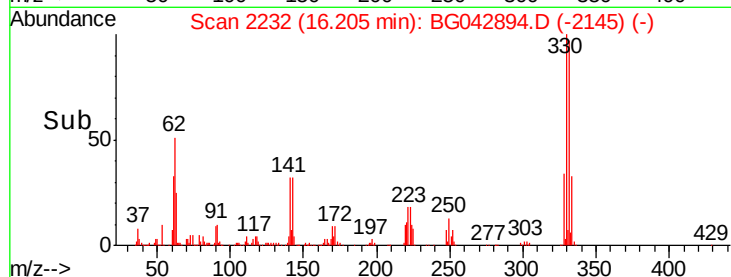
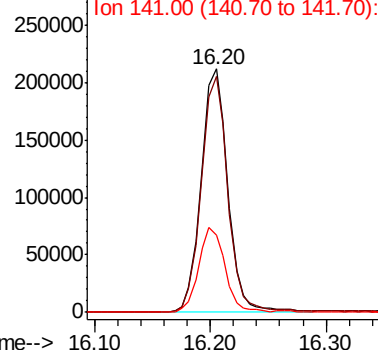


Abundance

Ion 329.80 (329.50 to 330.50): E

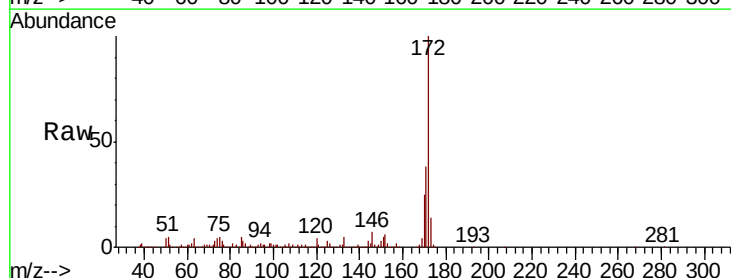
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 100.417 ng
RT: 13.34 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BG042894.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.9	43.3
170	24.5	19.1	28.7

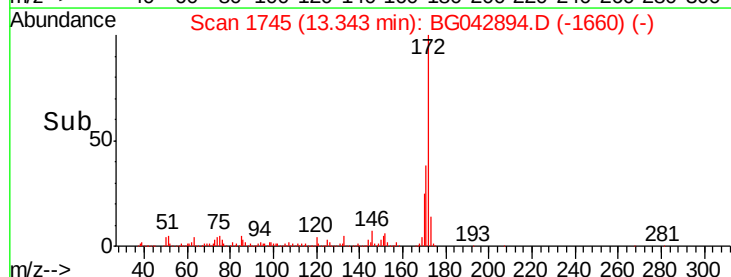
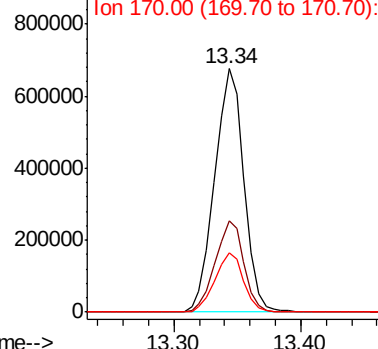


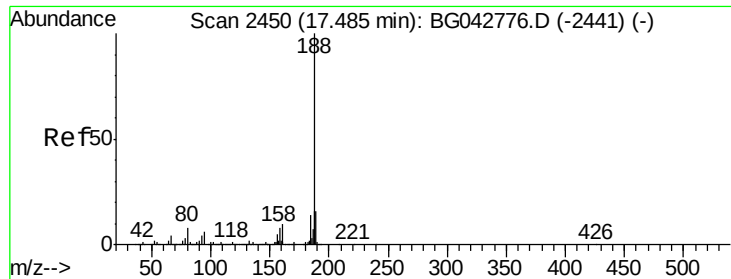
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2445

Delta R.T. -0.03 min

Lab File: BG042894.D

Acq: 18 Sep 2019 15:01

Instrument :

BNA_G

ClientSampleId :

CSA-4-5

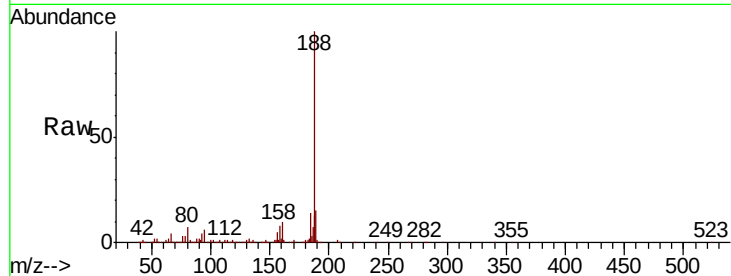
Tot Ion:188 Resp: 391554

Ion Ratio Lower Upper

188 100

94 5.8 4.8 7.2

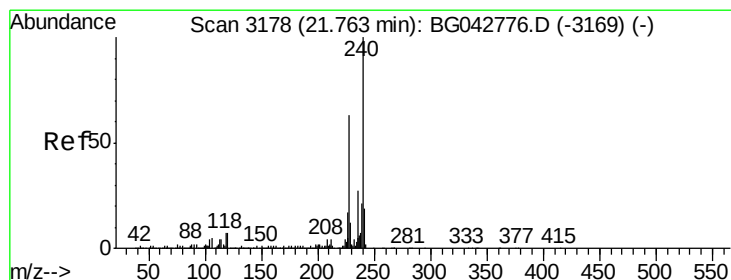
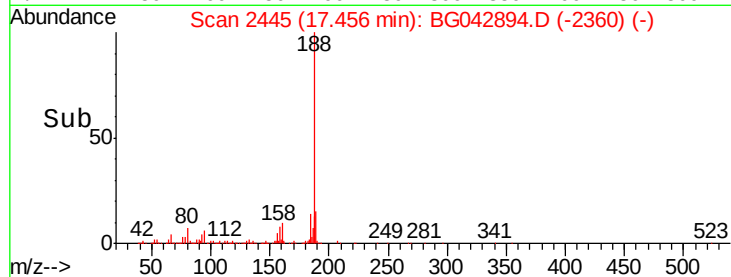
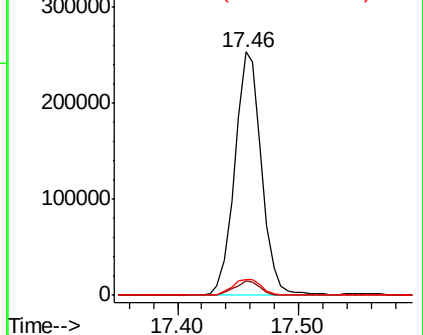
80 6.5 6.6 9.8#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.03 min

Lab File: BG042894.D

Acq: 18 Sep 2019 15:01

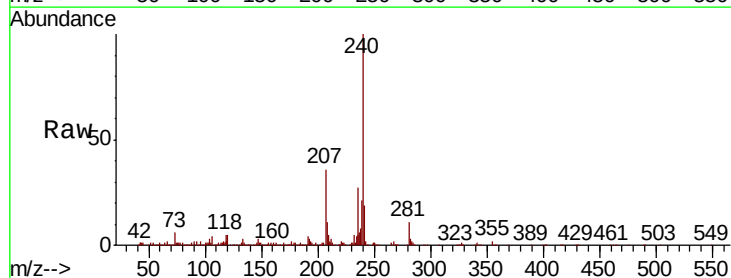
Tgt Ion:240 Resp: 374812

Ion Ratio Lower Upper

240 100

120 5.3 5.4 8.2#

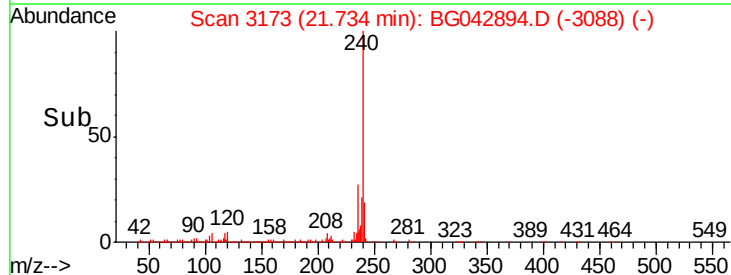
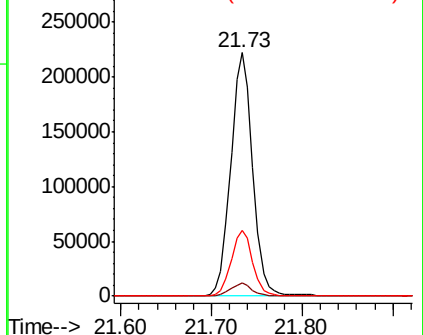
236 26.8 21.7 32.5

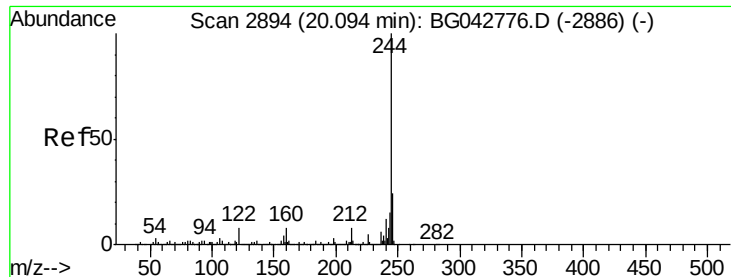


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.039 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.03 min

Lab File: BG042894.D

Acq: 18 Sep 2019 15:01

Instrument :

BNA_G

ClientSampleId :

CSA-4-5

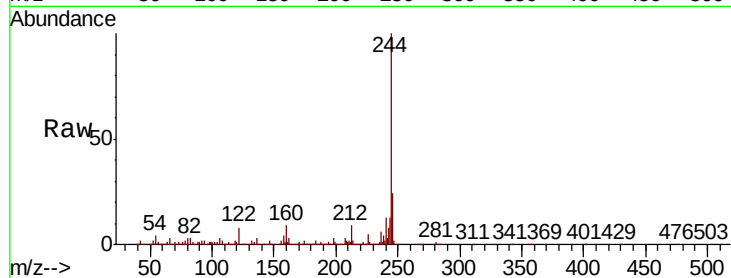
Tot Ion:244 Resp: 1827123

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

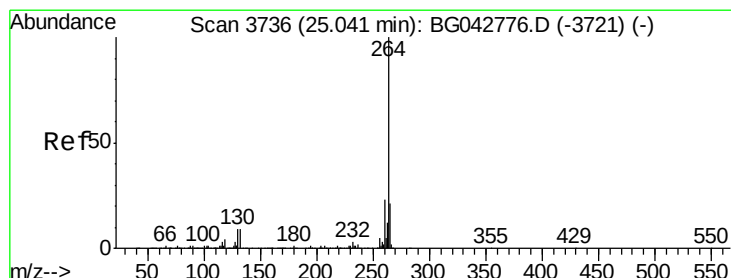
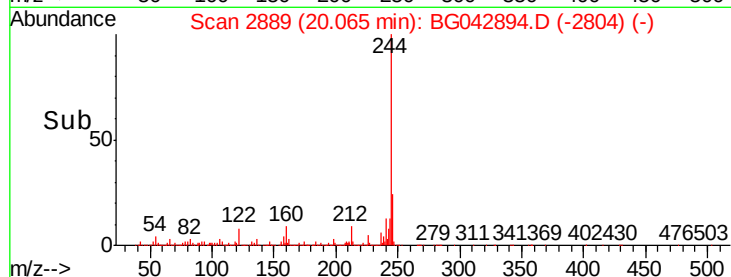
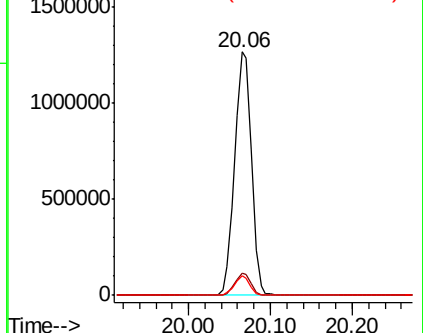
122 8.0 6.2 9.4



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. -0.05 min

Lab File: BG042894.D

Acq: 18 Sep 2019 15:01

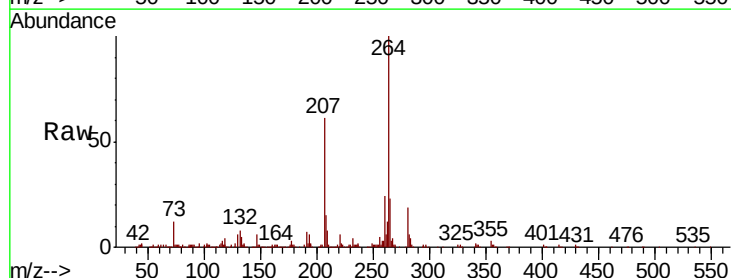
Tgt Ion:264 Resp: 392730

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 23.1 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

