

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042888.D
 Acq On : 18 Sep 2019 11:12
 Operator : HP/JU
 Sample : K4863-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-4-7

Quant Time: Sep 19 02:26:20 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	60481	20.00	ng	-0.03
21) Naphthalene-d8	10.91	136	240325	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	174150	20.00	ng	-0.02
64) Phenanthrene-d10	17.46	188	399026	20.00	ng	-0.03
76) Chrysene-d12	21.74	240	375314	20.00	ng	-0.03
87) Perylene-d12	24.99	264	366054	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	430635	123.79	ng	0.01
7) Phenol-d6	7.29	99	602159	120.59	ng	0.03
23) Nitrobenzene-d5	9.27	82	464485	100.62	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	261987	113.08	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1055009	95.89	ng	-0.03
79) Terphenyl-d14	20.07	244	1857043	109.66	ng	-0.02

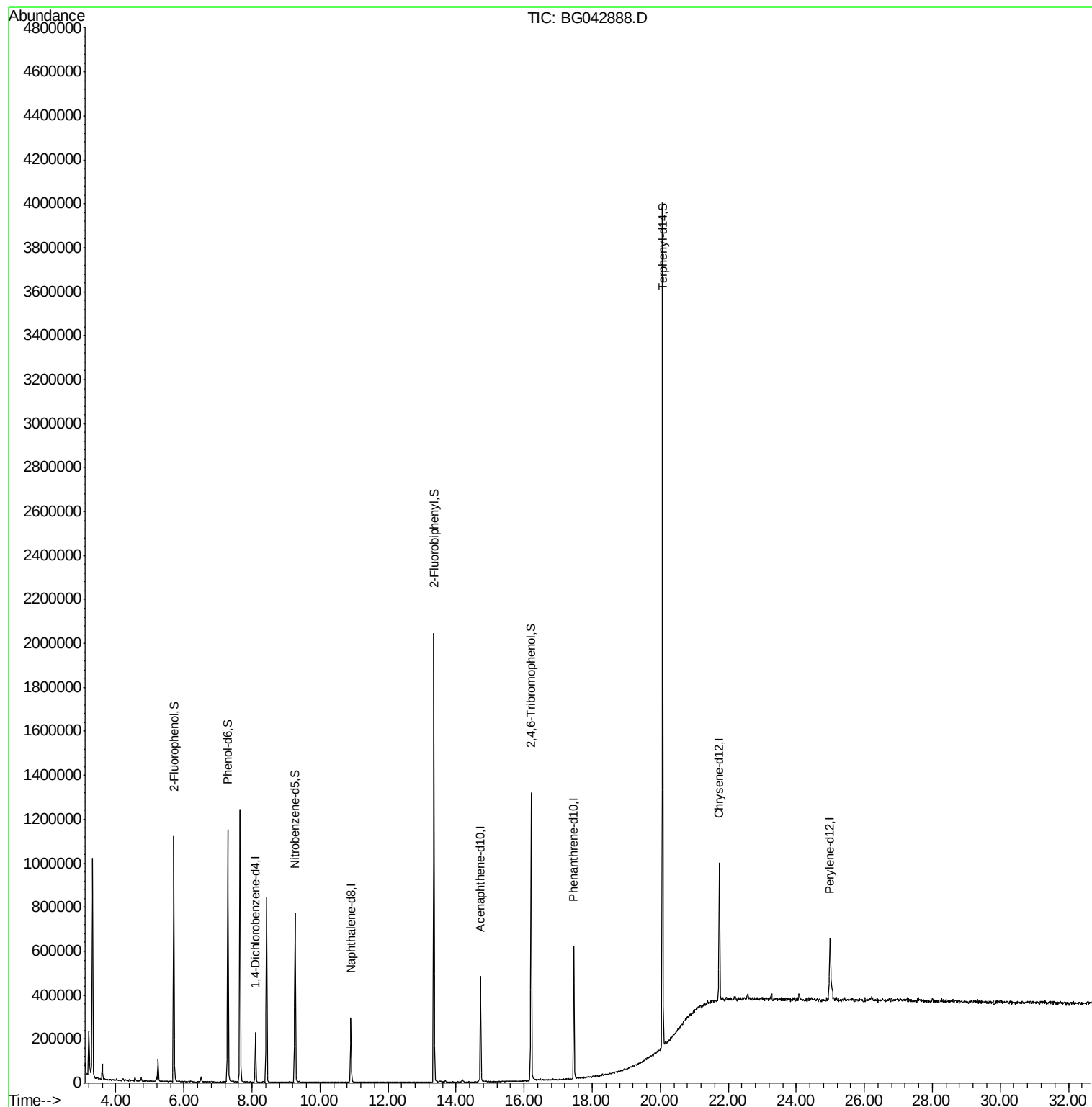
Target Compounds Qvalue

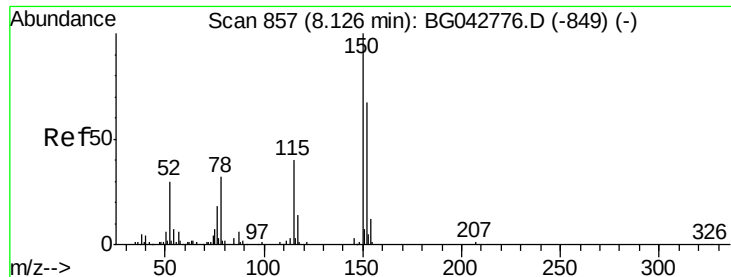
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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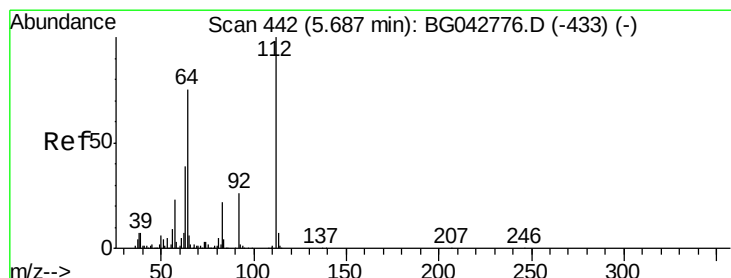
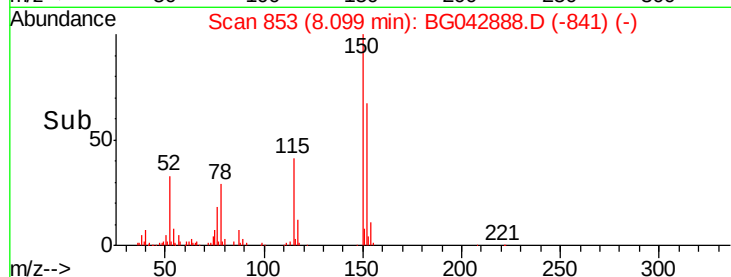
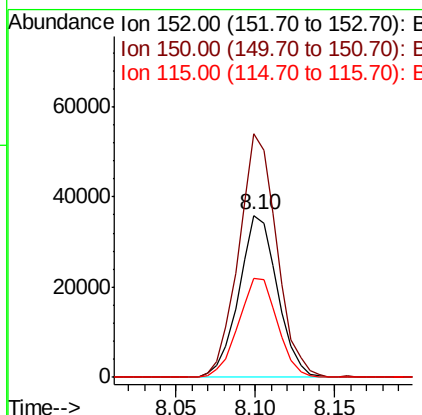
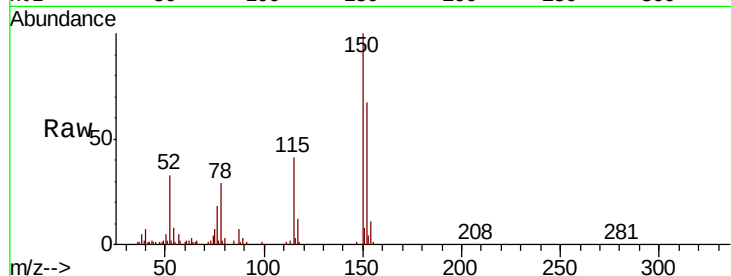


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG042888.D
Acq: 18 Sep 2019 11:12

Instrument :
BNA_G
ClientSampleId :
CSA-4-7

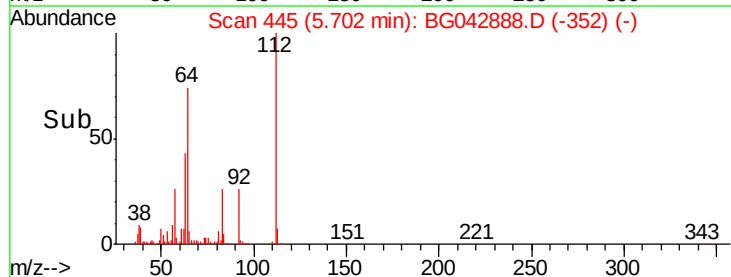
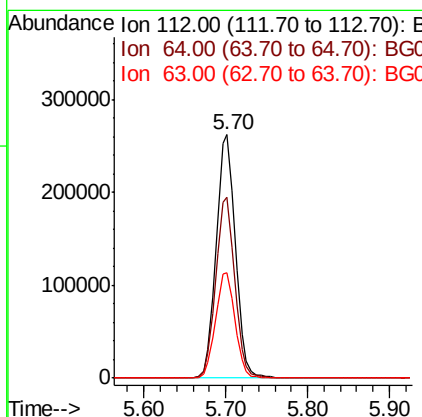
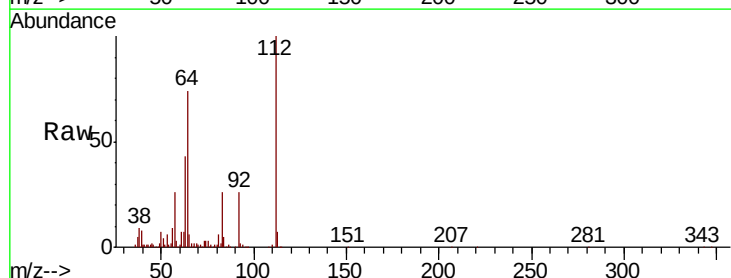
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	118.9	178.3
115	60.9	47.4	71.2

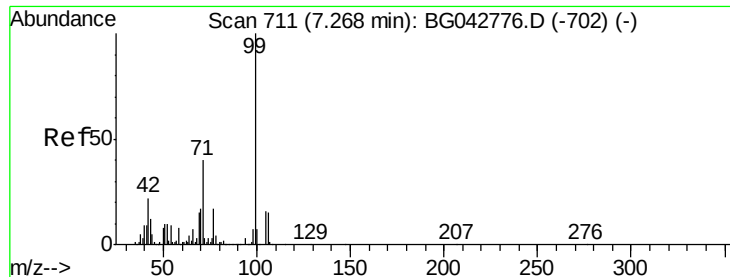


#5

2-Fluorophenol
Concen: 123.788 ng
RT: 5.70 min Scan# 445
Delta R.T. 0.01 min
Lab File: BG042888.D
Acq: 18 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.4	60.2	90.2
63	43.2	31.2	46.8





#7

Phenol-d6

Concen: 120.594 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.03 min

Lab File: BG042888.D

Acq: 18 Sep 2019 11:12

Instrument :

BNA_G

ClientSampleId :

CSA-4-7

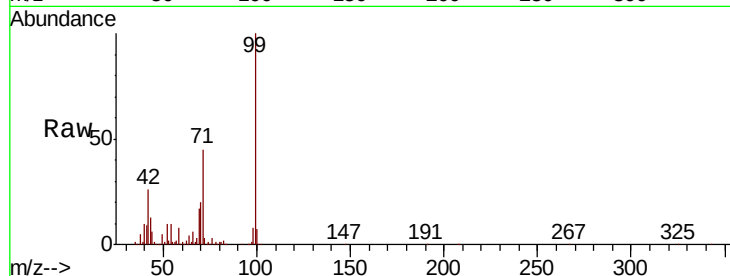
Tot Ion: 99 Resp: 602159

Ion Ratio Lower Upper

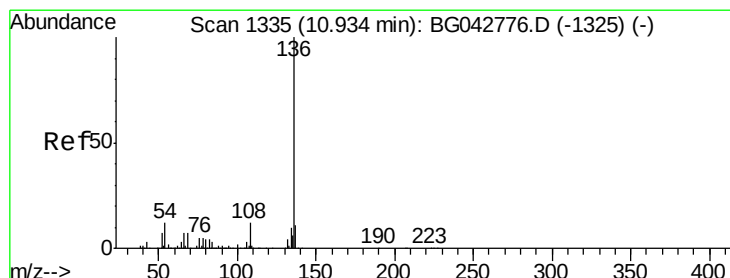
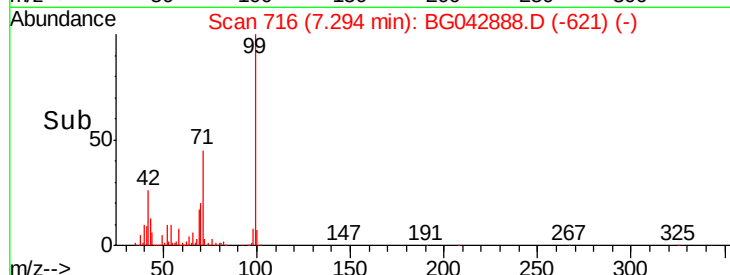
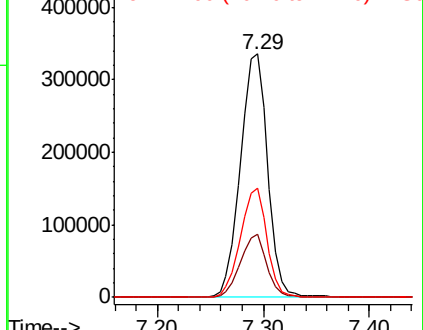
99 100

42 25.7 17.5 26.3

71 44.7 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# 1331

Delta R.T. -0.03 min

Lab File: BG042888.D

Acq: 18 Sep 2019 11:12

Tgt Ion: 136 Resp: 240325

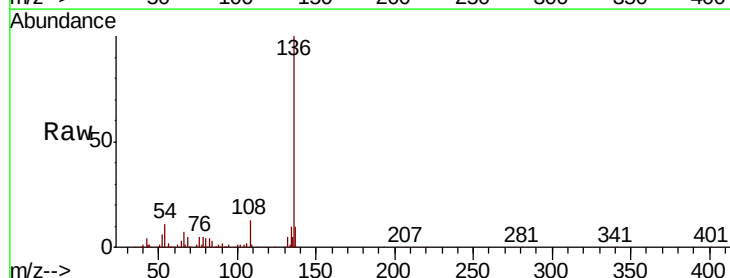
Ion Ratio Lower Upper

136 100

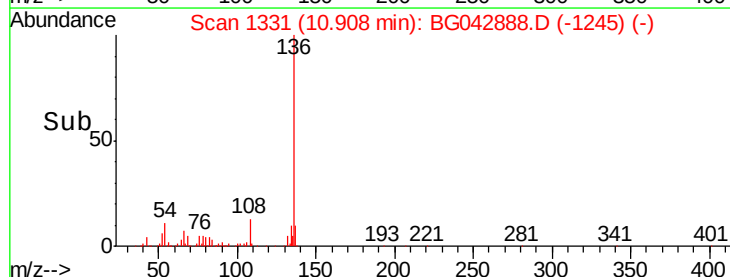
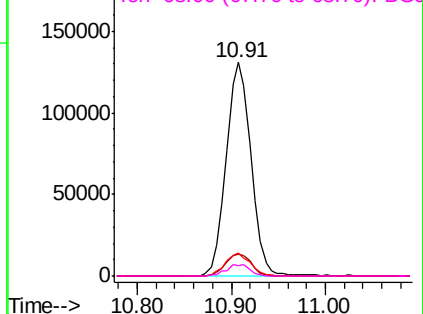
137 10.3 9.0 13.6

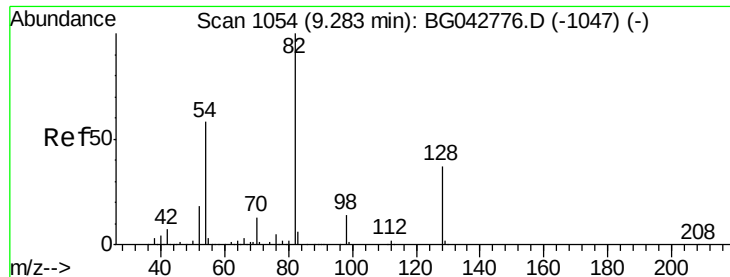
54 10.6 9.4 14.0

68 5.0 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

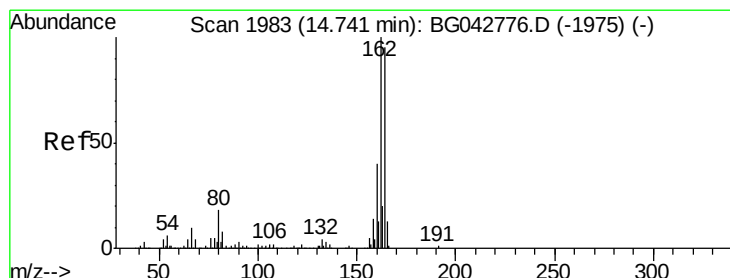
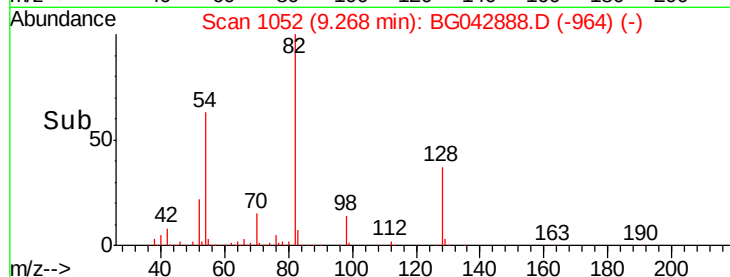
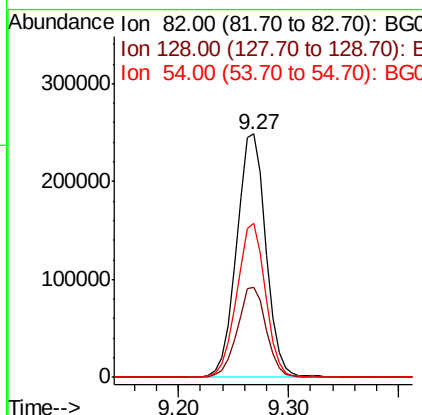
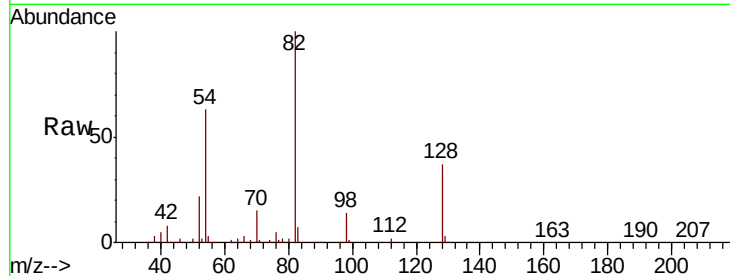




#23
Nitrobenzene-d5
Concen: 100.623 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042888.D
Acq: 18 Sep 2019 11:12

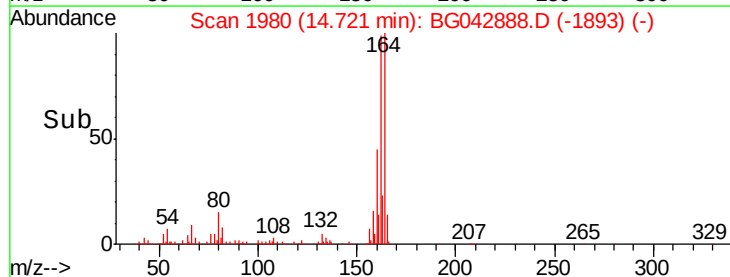
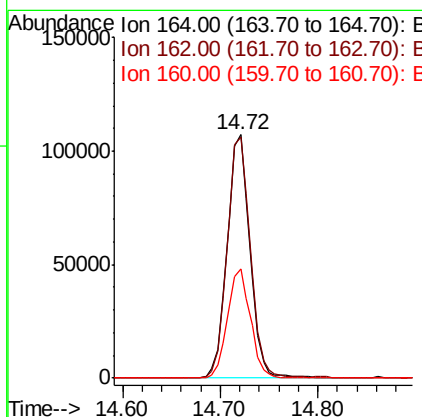
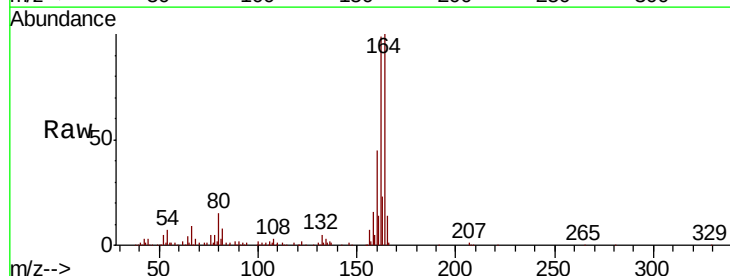
Instrument :
BNA_G
ClientSampleId :
CSA-4-7

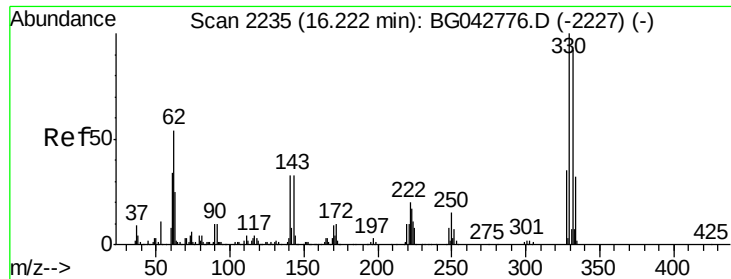
Tot Ion	82	Resp	464485
Ion Ratio	Lower	Upper	
82	100		
128	37.0	29.8	44.8
54	63.3	46.1	69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG042888.D
Acq: 18 Sep 2019 11:12

Tgt Ion	164	Resp	174150
Ion Ratio	Lower	Upper	
164	100		
162	98.8	84.6	126.8
160	44.6	34.2	51.2

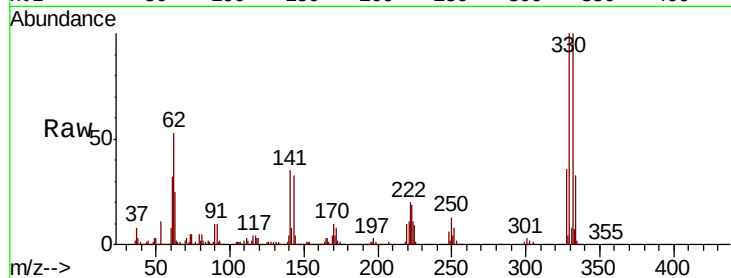




#42
 2,4,6-Tribromophenol
 Concen: 113.075 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG042888.D
 Acq: 18 Sep 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 CSA-4-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.7	115.1
141	34.8	27.0	40.6

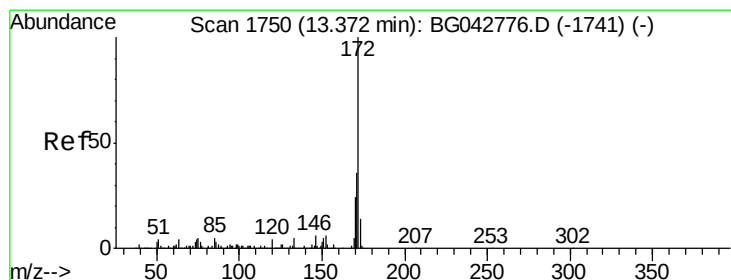
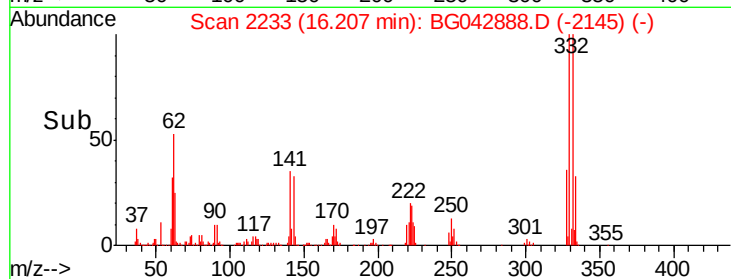
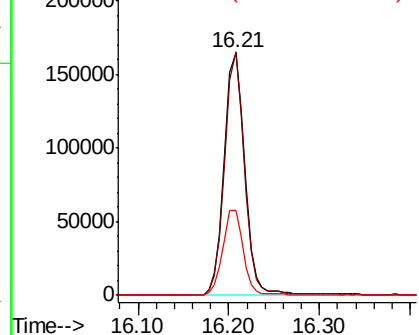


Abundance

Ion 329.80 (329.50 to 330.50): E

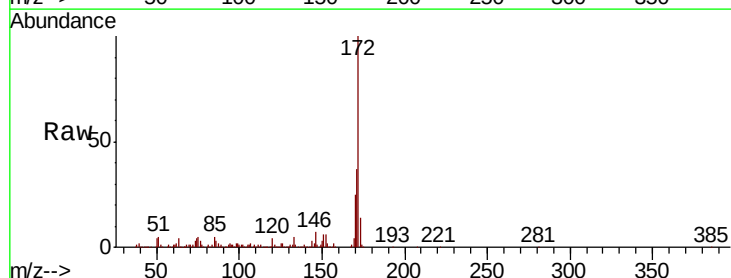
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.895 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.03 min
 Lab File: BG042888.D
 Acq: 18 Sep 2019 11:12

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

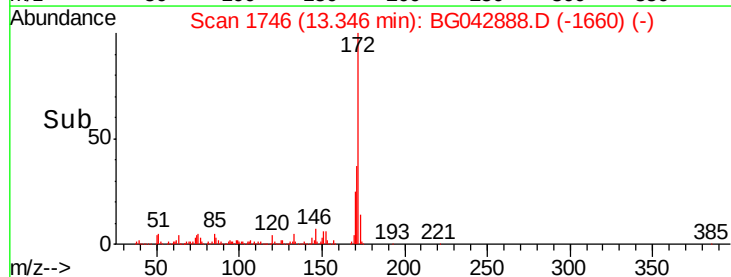
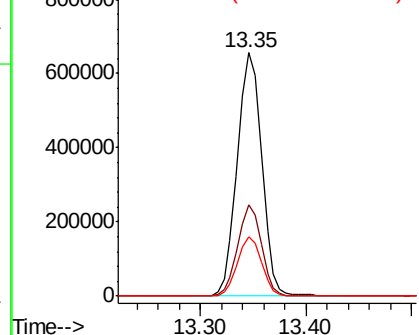


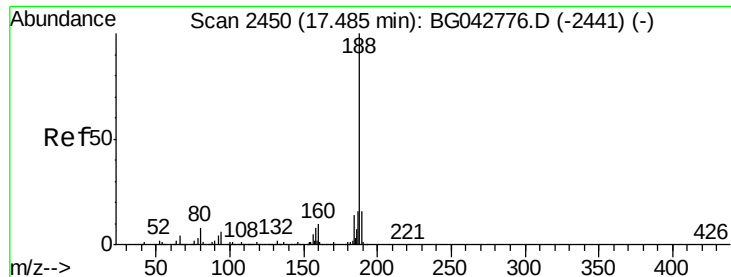
Abundance

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# 2446

Delta R.T. -0.03 min

Lab File: BG042888.D

Acq: 18 Sep 2019 11:12

Instrument :

BNA_G

ClientSampleId :

CSA-4-7

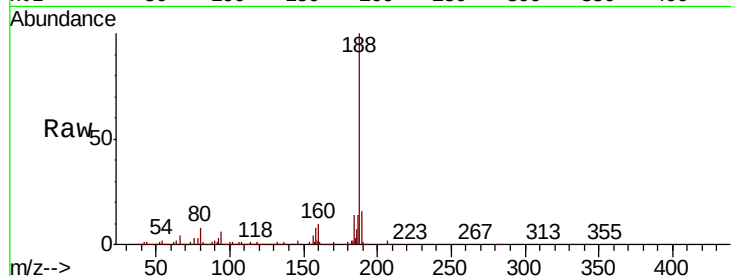
Tot Ion:188 Resp: 399026

Ion Ratio Lower Upper

188 100

94 6.1 4.8 7.2

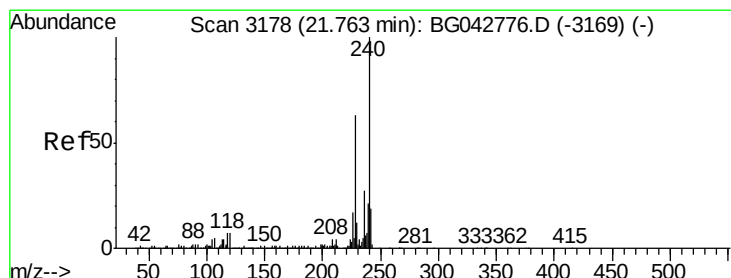
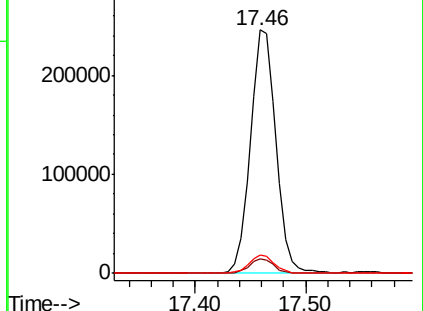
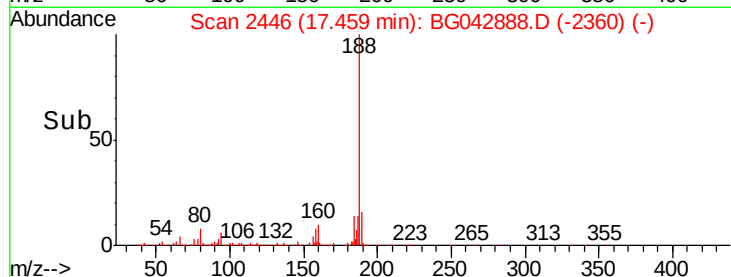
80 7.7 6.6 9.8



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: 21.74 min Scan# 3174

Delta R.T. -0.03 min

Lab File: BG042888.D

Acq: 18 Sep 2019 11:12

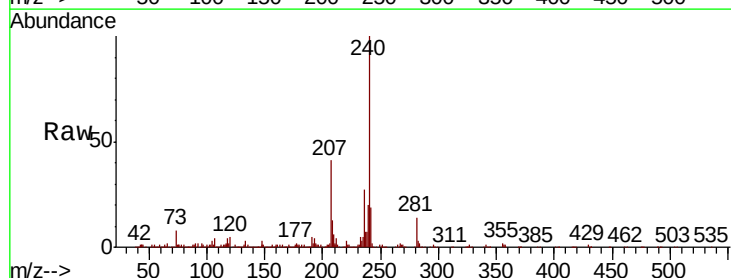
Tgt Ion:240 Resp: 375314

Ion Ratio Lower Upper

240 100

120 5.0 5.4 8.2#

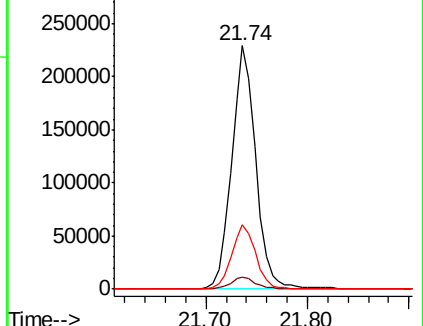
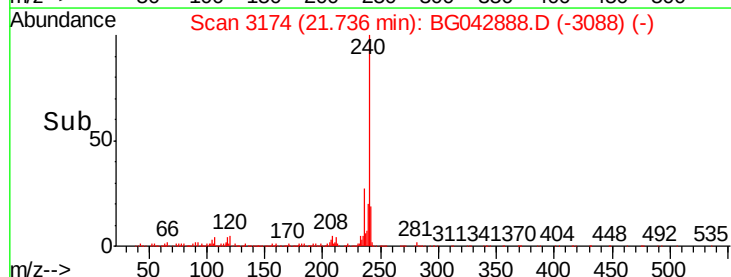
236 26.6 21.7 32.5

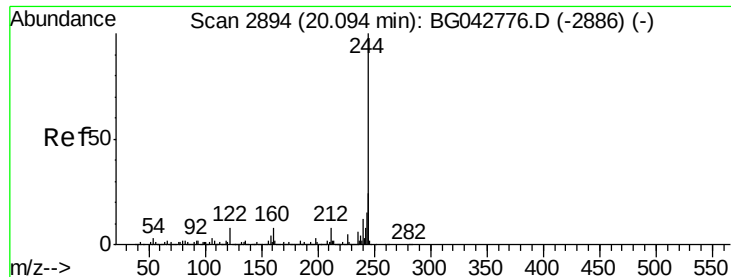


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.661 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042888.D

Acq: 18 Sep 2019 11:12

Instrument :

BNA_G

ClientSampleId :

CSA-4-7

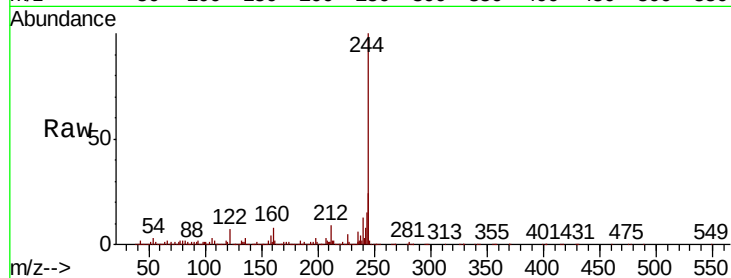
Tot Ion:244 Resp: 1857043

Ion Ratio Lower Upper

244 100

212 9.1 6.6 10.0

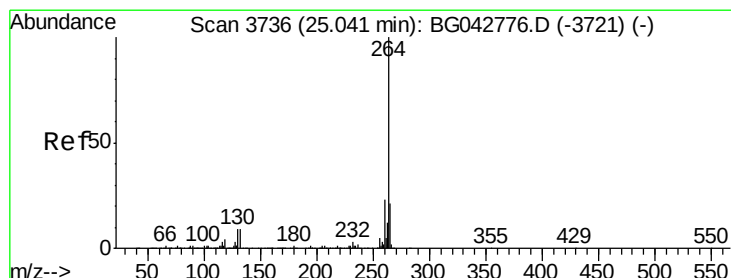
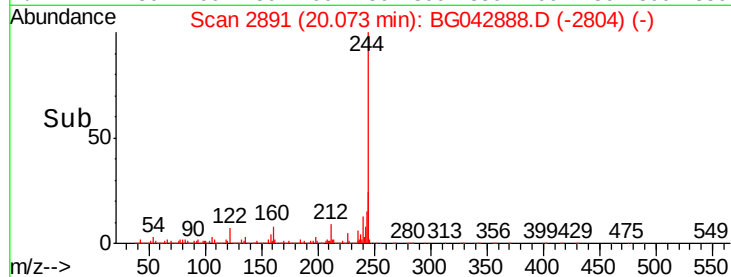
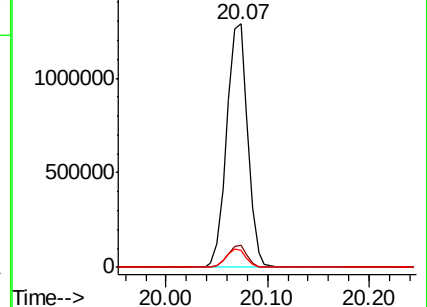
122 7.0 6.2 9.4



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# 3728

Delta R.T. -0.05 min

Lab File: BG042888.D

Acq: 18 Sep 2019 11:12

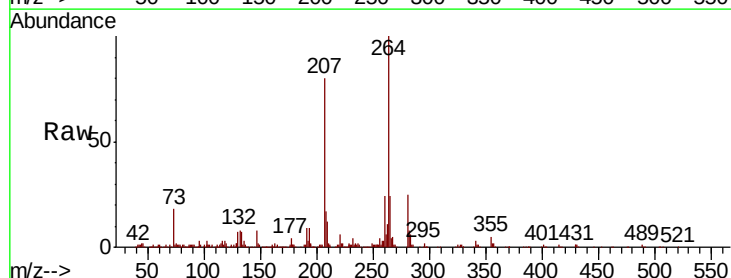
Tgt Ion:264 Resp: 366054

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.2

265 23.8 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

