

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042808.D
 Acq On : 13 Sep 2019 8:57
 Operator : HP/JU
 Sample : K4825-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-4-3

Quant Time: Sep 13 13:27:59 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	8.12	152	83672	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	320840	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	213082	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	504757	20.00	ng	0.00
76) Chrysene-d12	21.75	240	532546	20.00	ng	-0.01
87) Perylene-d12	25.02	264	579271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	639479	132.87	ng	0.00
7) Phenol-d6	7.27	99	852425	123.40	ng	0.00
23) Nitrobenzene-d5	9.27	82	660014	107.10	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	426300	150.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1388310	103.13	ng	0.00
79) Terphenyl-d14	20.09	244	2366911	98.50	ng	0.00

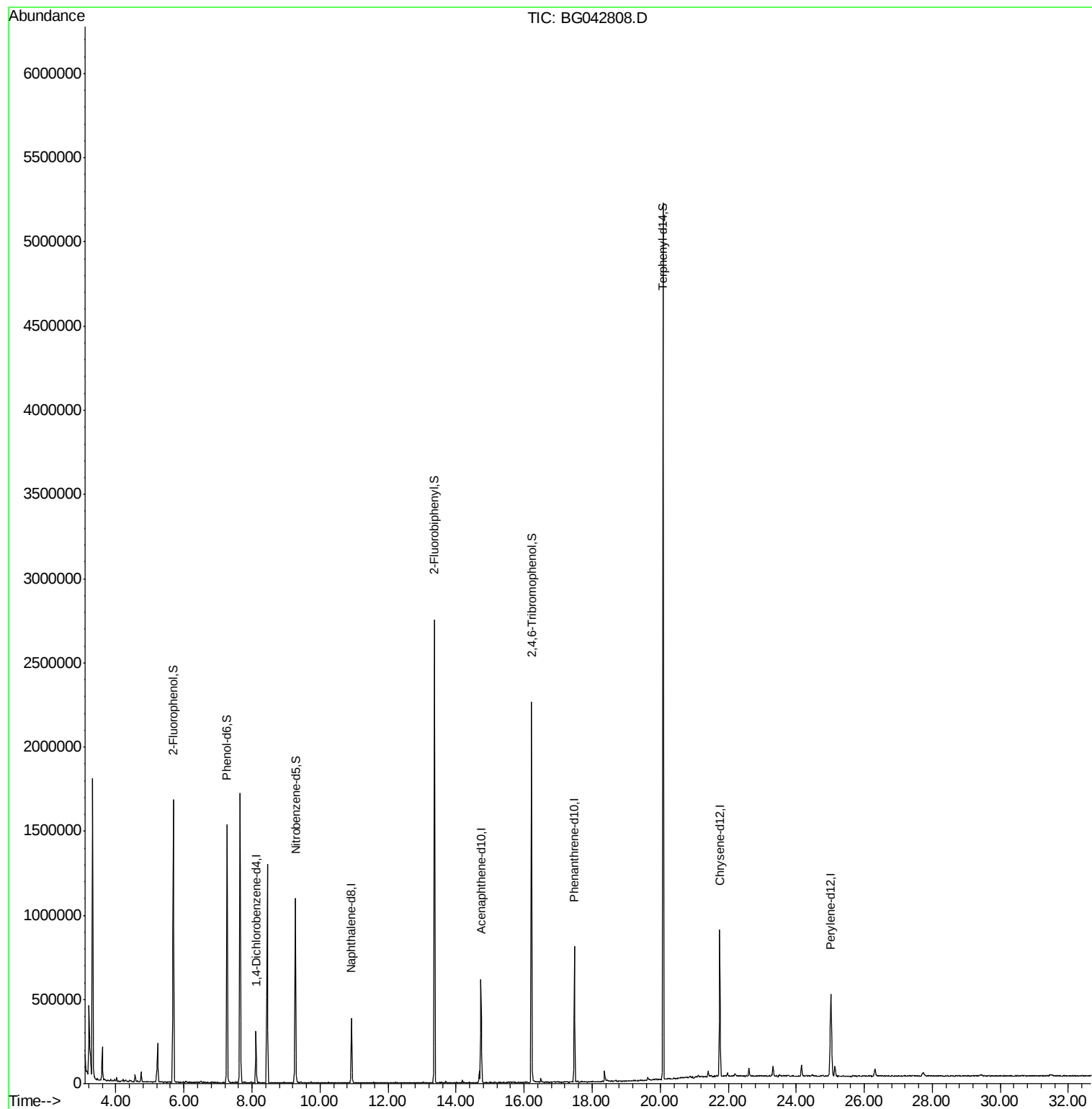
Target Compounds Qvalue

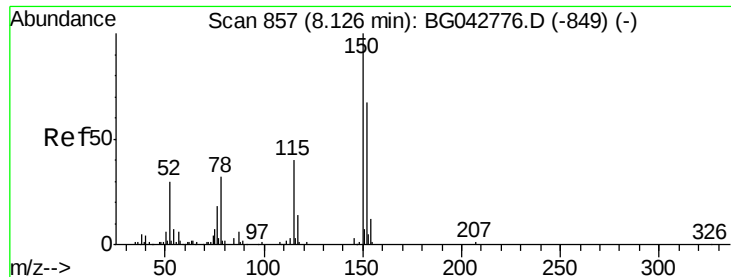
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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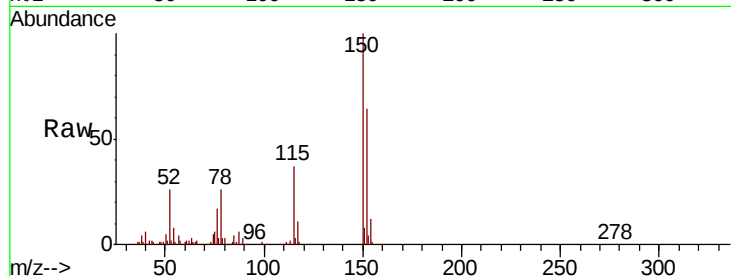


#1

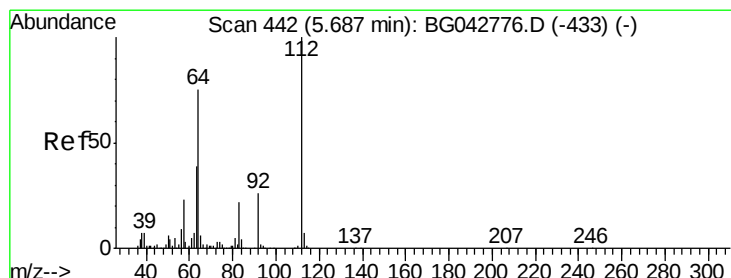
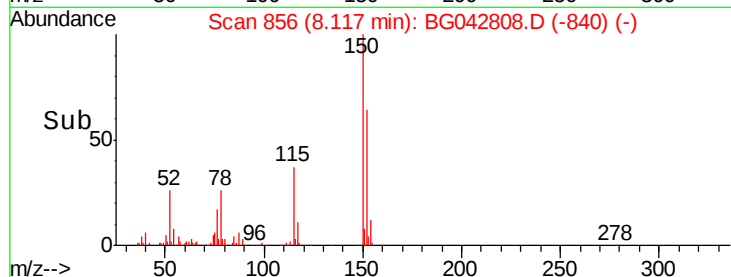
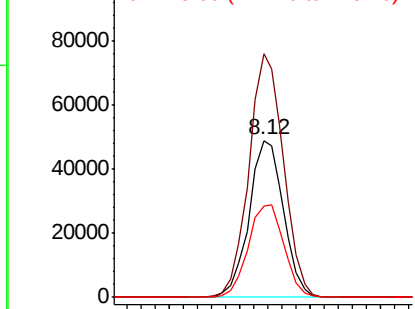
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BG042808.D
 Acq: 13 Sep 2019 8:57

Instrument :
 BNA_G
 ClientSampleId :
 CSA-4-3

Tot Ion:152 Resp: 83672
 Ion Ratio Lower Upper
 152 100
 150 155.4 118.9 178.3
 115 58.0 47.4 71.2



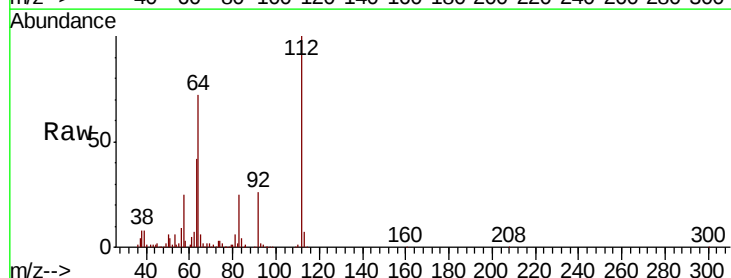
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



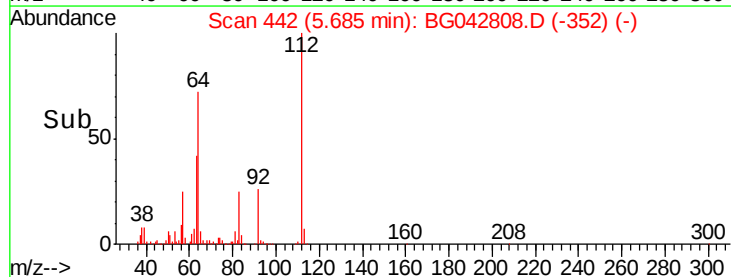
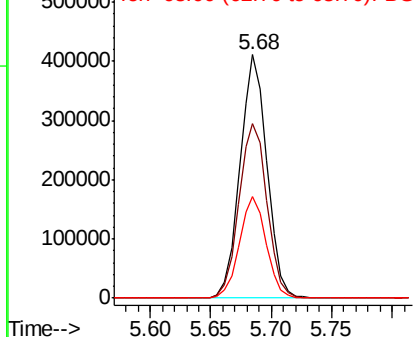
#5

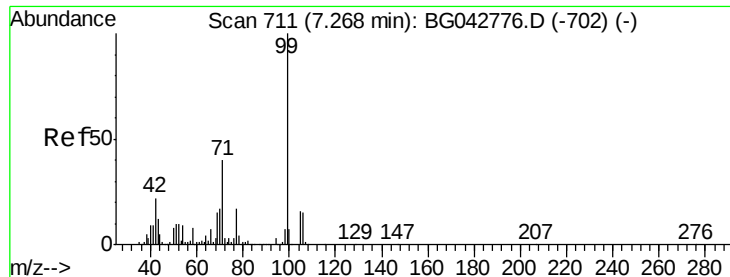
2-Fluorophenol
 Concen: 132.872 ng
 RT: 5.68 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BG042808.D
 Acq: 13 Sep 2019 8:57

Tgt Ion:112 Resp: 639479
 Ion Ratio Lower Upper
 112 100
 64 71.9 60.2 90.2
 63 41.7 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: 123.398 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042808.D

Acq: 13 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

CSA-4-3

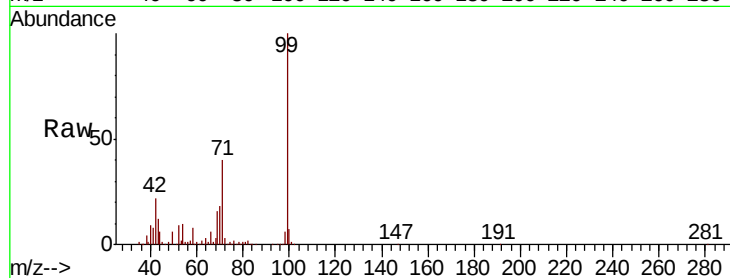
Tot Ion: 99 Resp: 852425

Ion Ratio Lower Upper

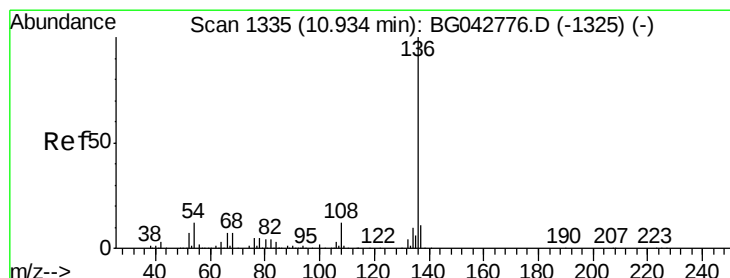
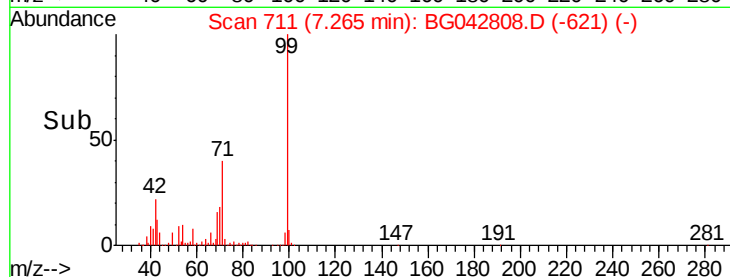
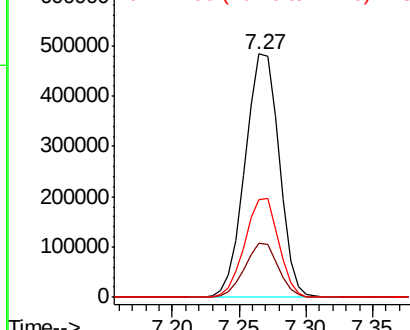
99 100

42 22.4 17.5 26.3

71 40.3 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: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042808.D

Acq: 13 Sep 2019 8:57

Tgt Ion: 136 Resp: 320840

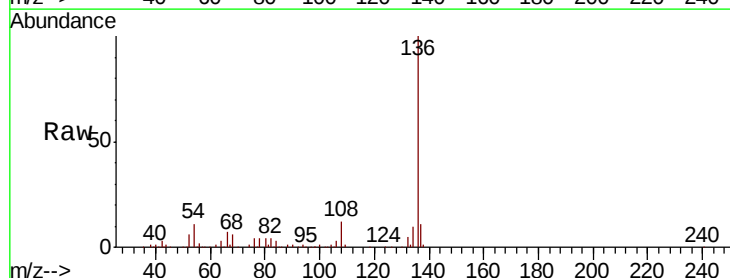
Ion Ratio Lower Upper

136 100

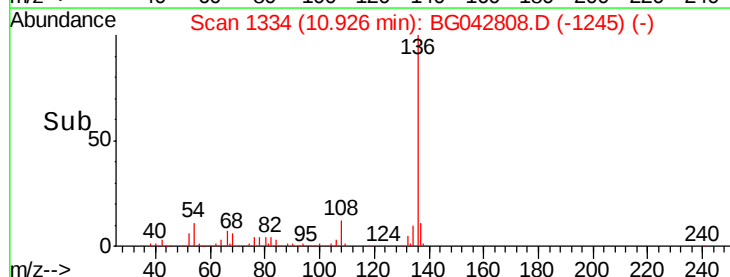
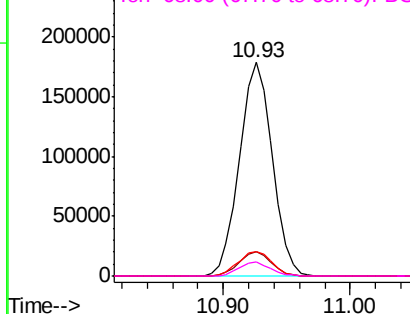
137 11.2 9.0 13.6

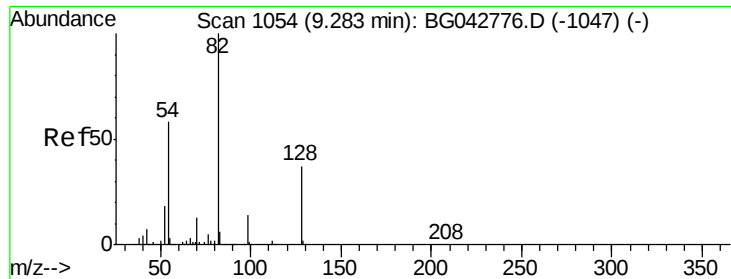
54 11.4 9.4 14.0

68 6.4 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

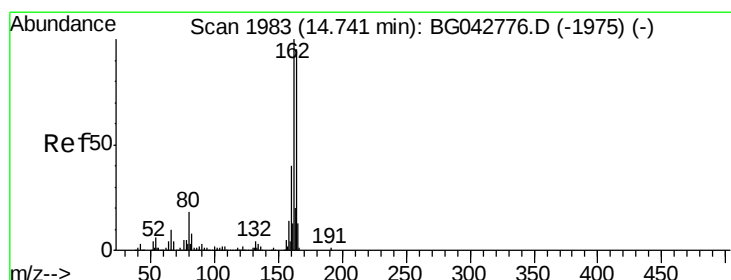
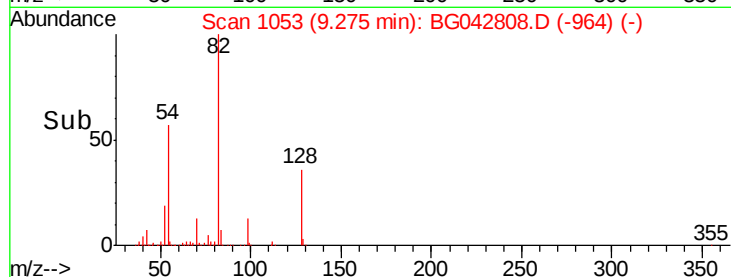
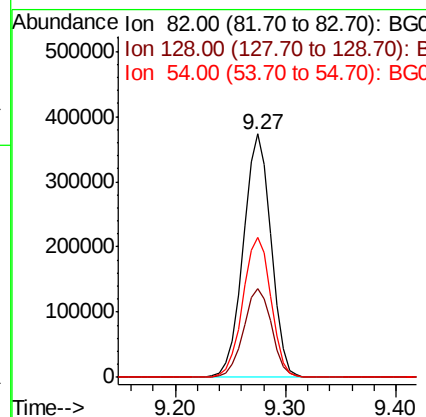
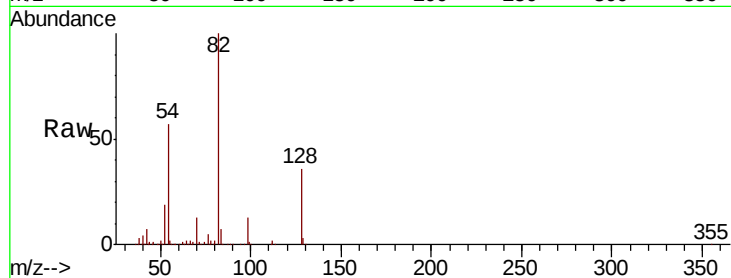




#23
Nitrobenzene-d5
Concen: 107.100 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042808.D
Acq: 13 Sep 2019 8:57

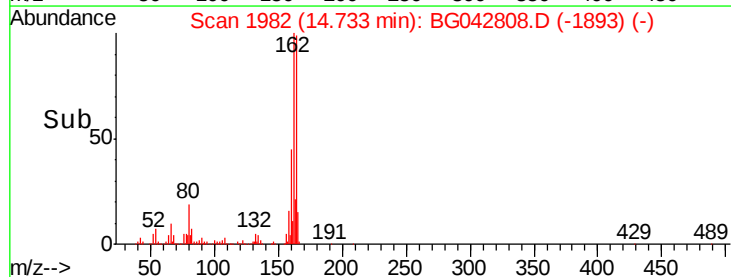
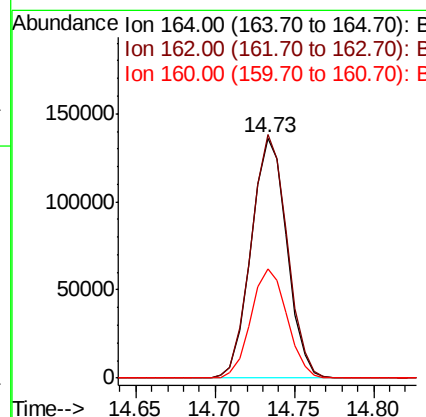
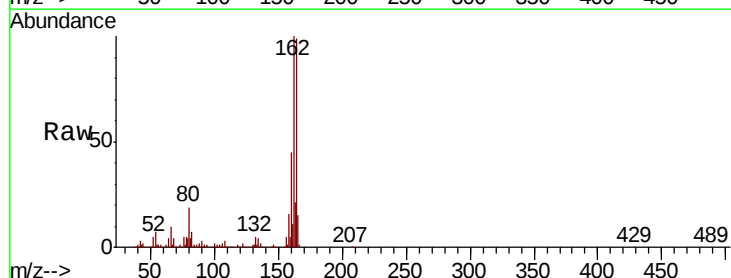
Instrument :
BNA_G
ClientSampleId :
CSA-4-3

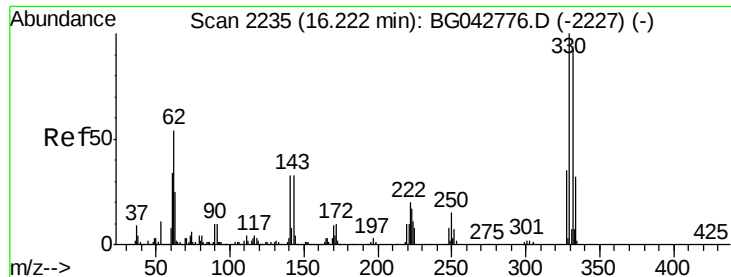
Tot Ion	82	Resp	660014
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.8	44.8
54	57.5	46.1	69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042808.D
Acq: 13 Sep 2019 8:57

Tgt Ion	164	Resp	213082
Ion Ratio	Lower	Upper	
164	100		
162	101.5	84.6	126.8
160	45.5	34.2	51.2

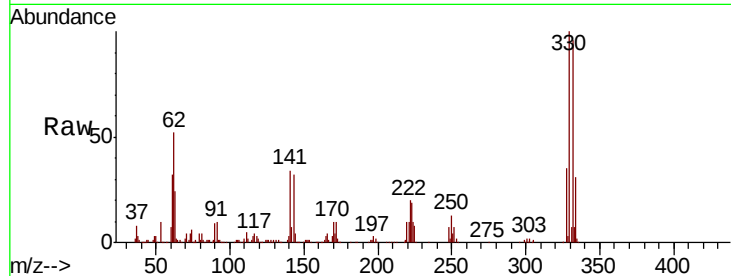




#42
 2,4,6-Tribromophenol
 Concen: 150.376 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042808.D
 Acq: 13 Sep 2019 8:57

Instrument :
 BNA_G
 ClientSampled :
 CSA-4-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	35.9	27.0	40.6

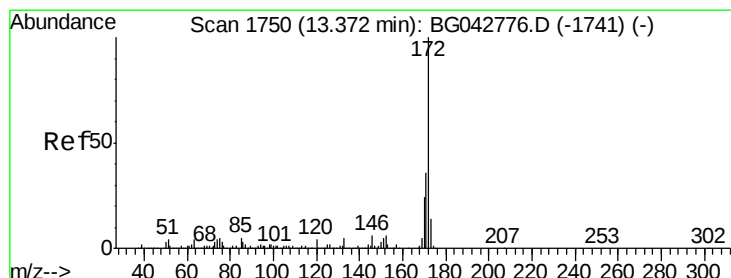
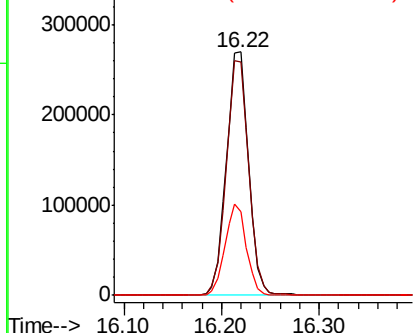
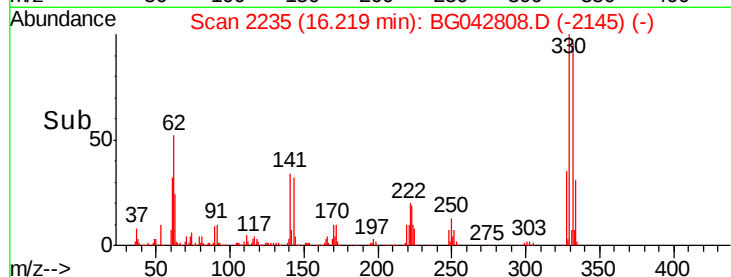


Abundance

Ion 329.80 (329.50 to 330.50): E

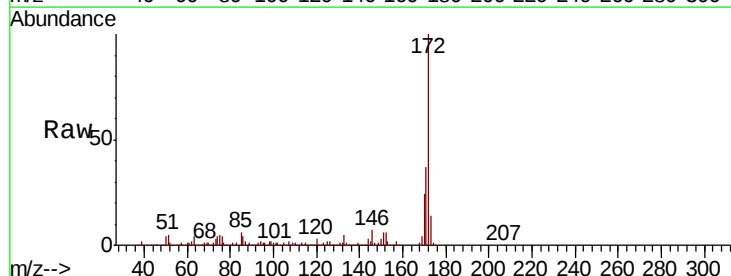
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 103.134 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042808.D
 Acq: 13 Sep 2019 8:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	24.5	19.1	28.7

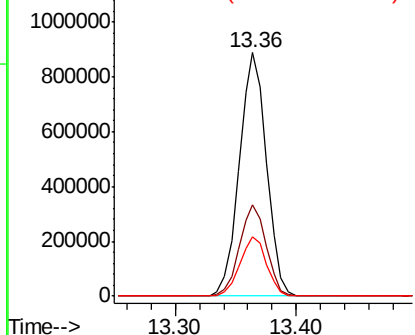
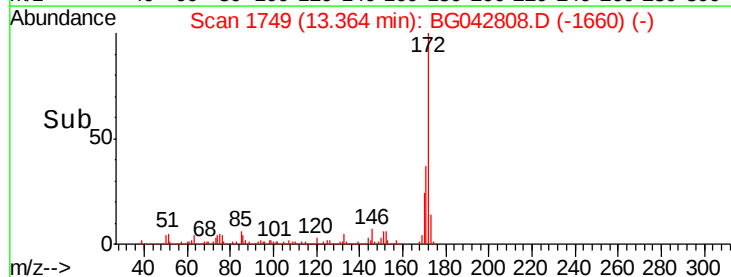


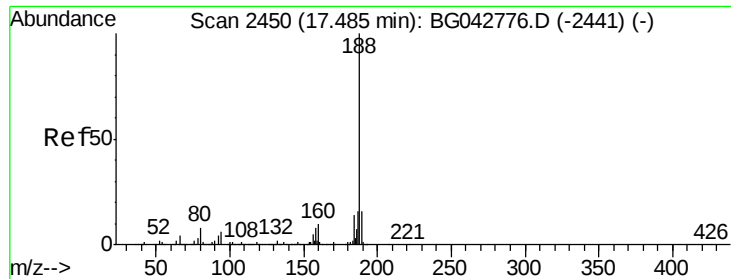
Abundance

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

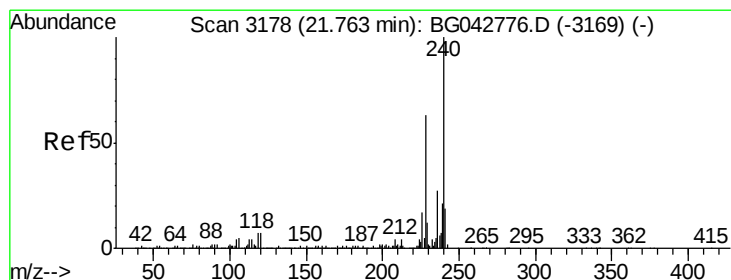
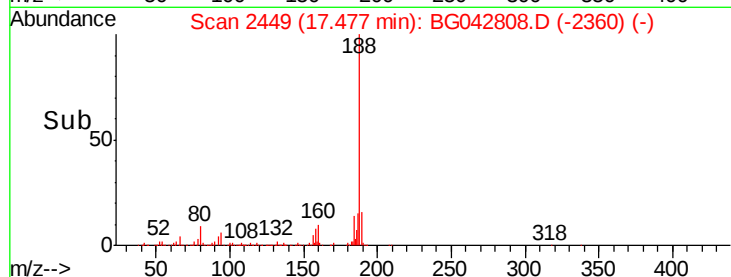
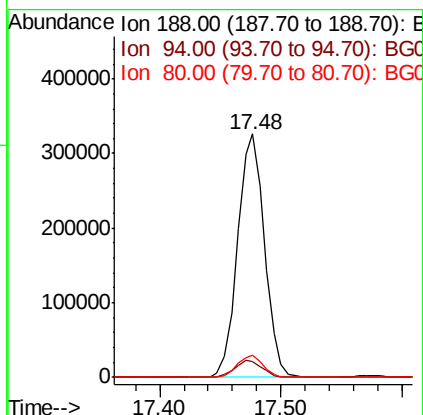
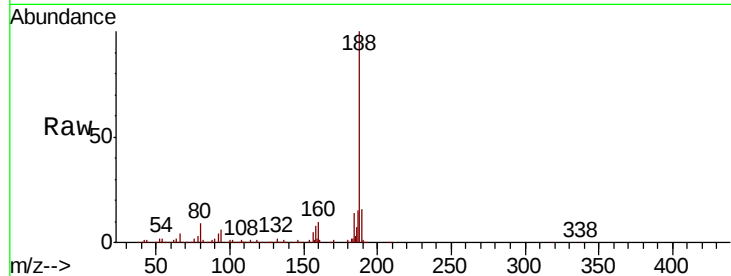




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042808.D
Acq: 13 Sep 2019 8:57

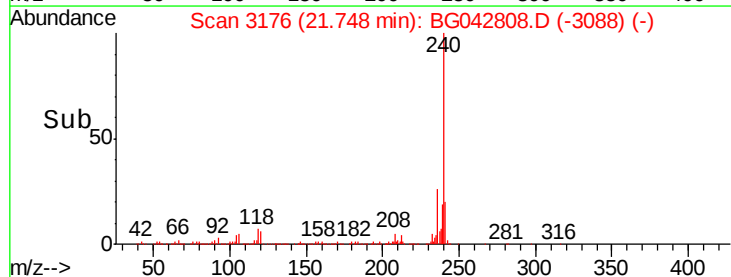
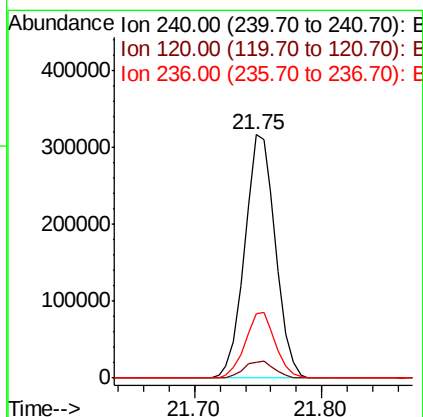
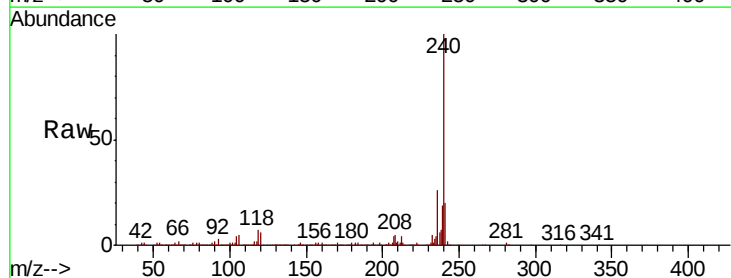
Instrument :
BNA_G
ClientSampleId :
CSA-4-3

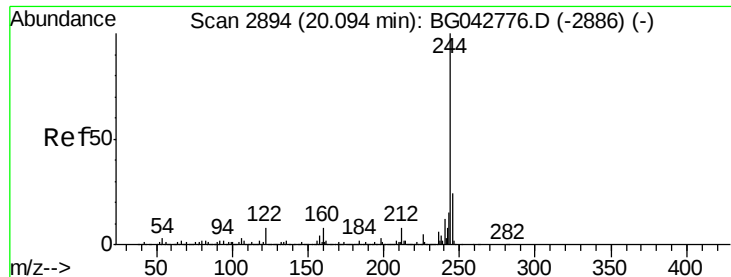
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.8	7.2
80	9.4	6.6	9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG042808.D
Acq: 13 Sep 2019 8:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.4	8.2
236	26.4	21.7	32.5





#79

Terphenyl-d14

Concen: 98.503 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042808.D

Acq: 13 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

CSA-4-3

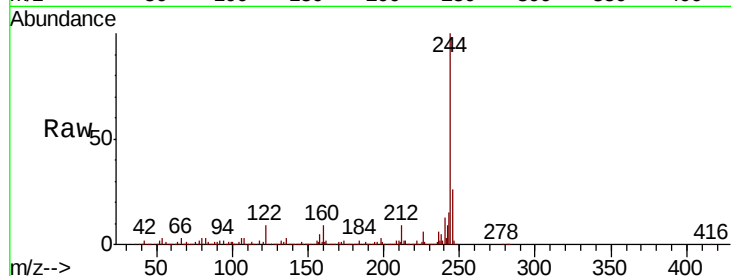
Tot Ion:244 Resp: 2366911

Ion Ratio Lower Upper

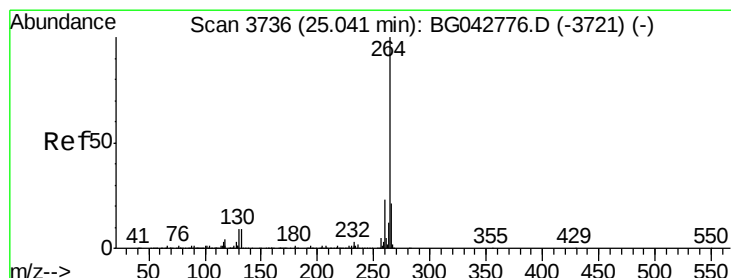
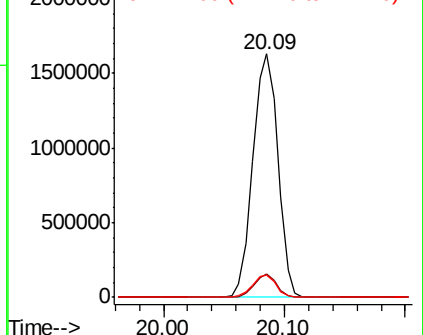
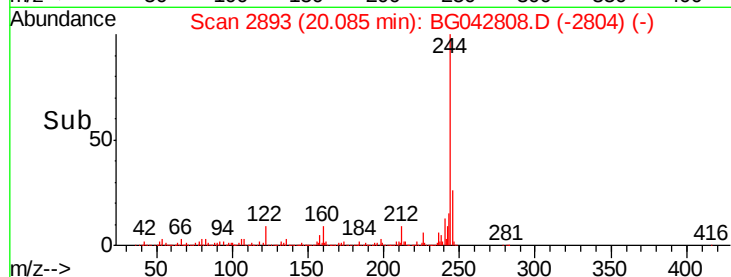
244 100

212 9.4 6.6 10.0

122 8.9 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: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042808.D

Acq: 13 Sep 2019 8:57

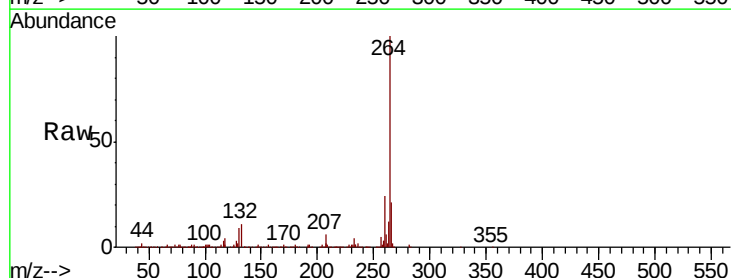
Tgt Ion:264 Resp: 579271

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 21.4 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

