

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042900.D
 Acq On : 18 Sep 2019 18:50
 Operator : HP/JU
 Sample : K4878-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-9

Quant Time: Sep 19 02:42:23 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	50828	20.00	ng	-0.03
21) Naphthalene-d8	10.90	136	202784	20.00	ng	-0.03
39) Acenaphthene-d10	14.71	164	155426	20.00	ng	-0.03
64) Phenanthrene-d10	17.46	188	361995	20.00	ng	-0.03
76) Chrysene-d12	21.73	240	346727	20.00	ng	-0.03
87) Perylene-d12	24.98	264	363686	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	391562	133.93	ng	0.00
7) Phenol-d6	7.28	99	555432	132.36	ng	0.01
23) Nitrobenzene-d5	9.26	82	446413	114.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.20	330	267003	129.12	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	1056656	107.61	ng	-0.03
79) Terphenyl-d14	20.07	244	1811927	115.82	ng	-0.03

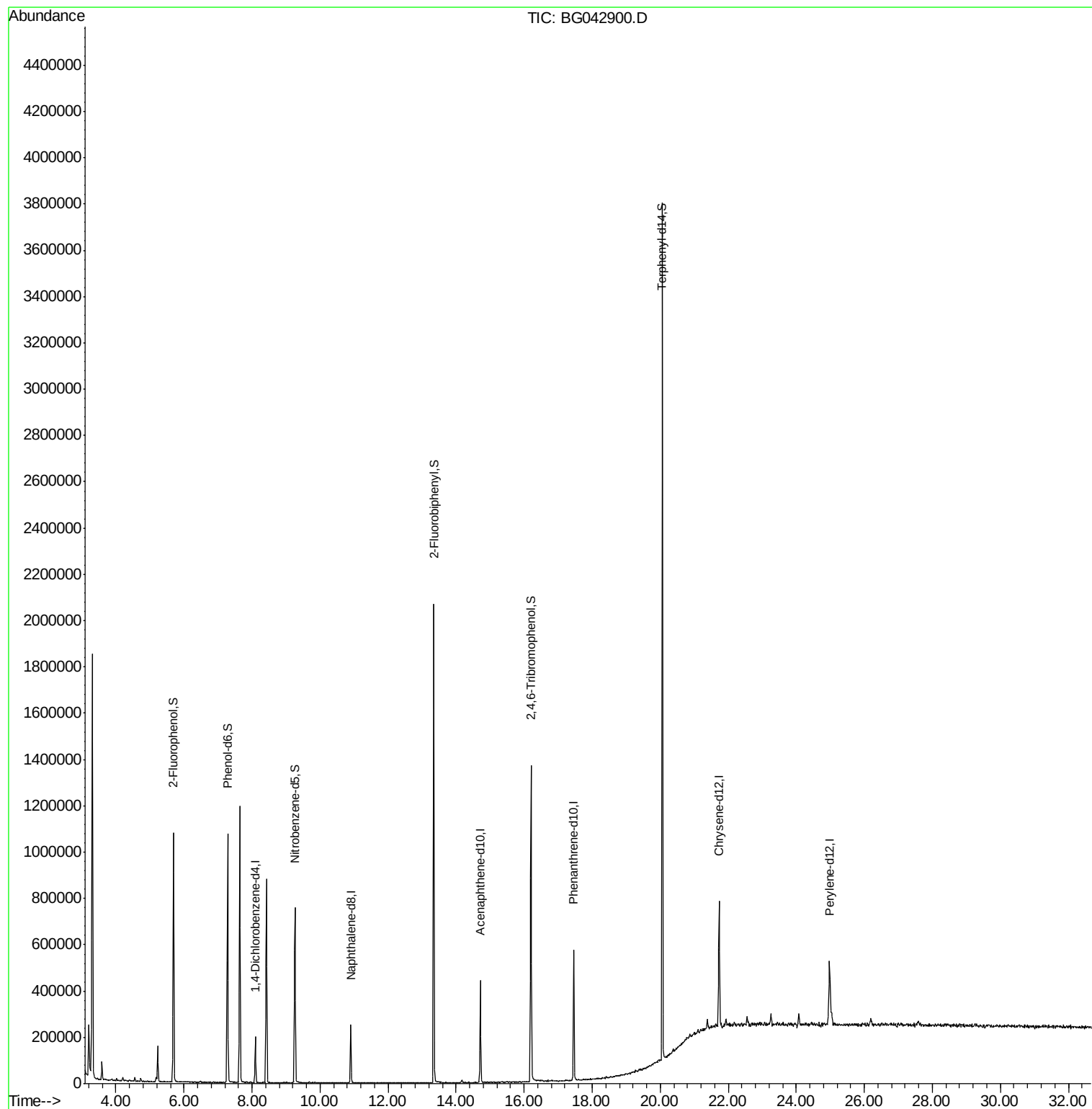
Target Compounds Qvalue

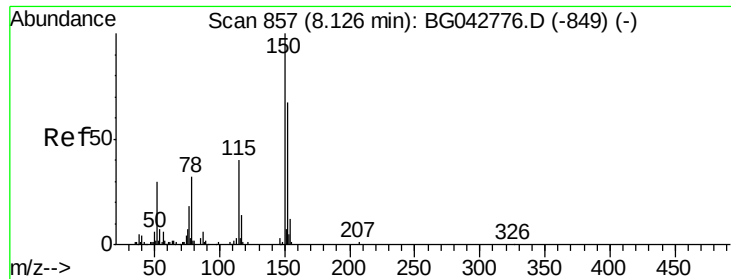
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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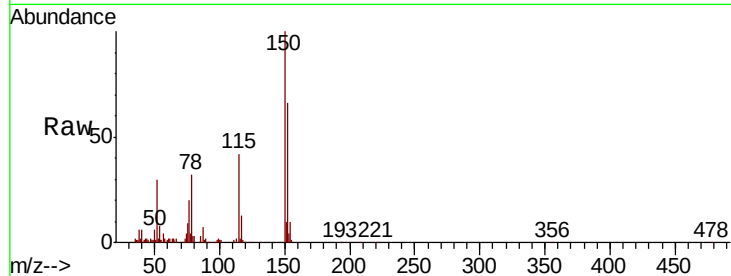


#1

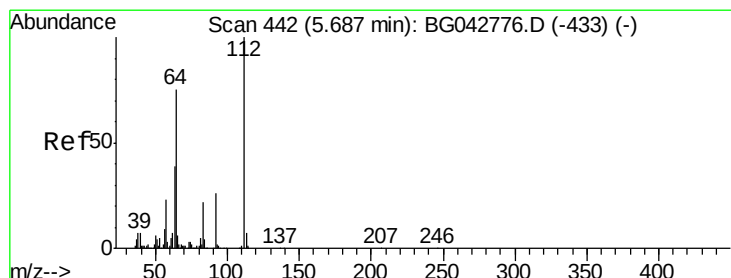
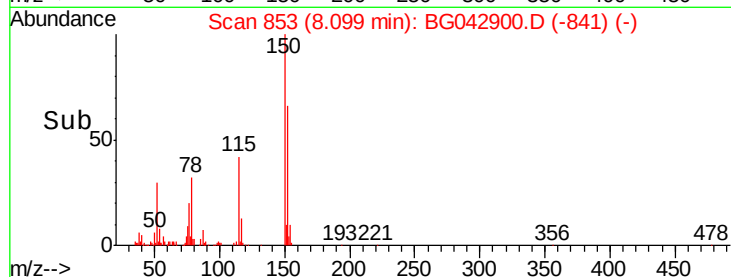
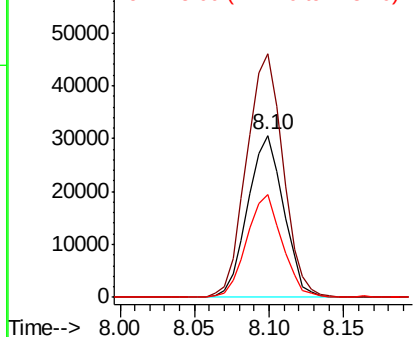
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG042900.D
Acq: 18 Sep 2019 18:50

Instrument :
BNA_G
ClientSampleId :
CSA-2-9

Tot Ion:152 Resp: 50828
Ion Ratio Lower Upper
152 100
150 150.5 118.9 178.3
115 63.9 47.4 71.2



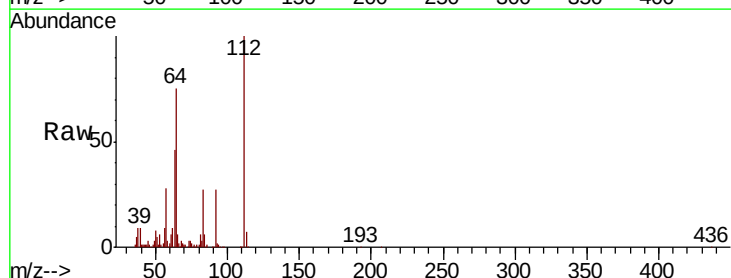
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



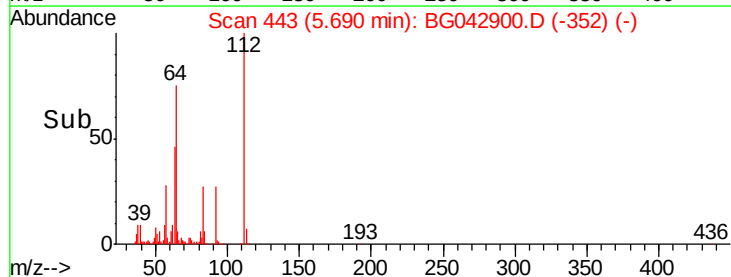
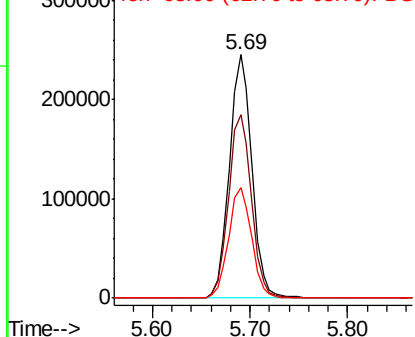
#5

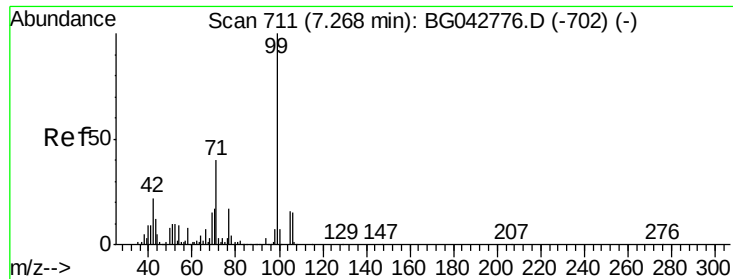
2-Fluorophenol
Concen: 133.932 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.00 min
Lab File: BG042900.D
Acq: 18 Sep 2019 18:50

Tgt Ion:112 Resp: 391562
Ion Ratio Lower Upper
112 100
64 75.2 60.2 90.2
63 45.6 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: 132.361 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG042900.D

Acq: 18 Sep 2019 18:50

Instrument :

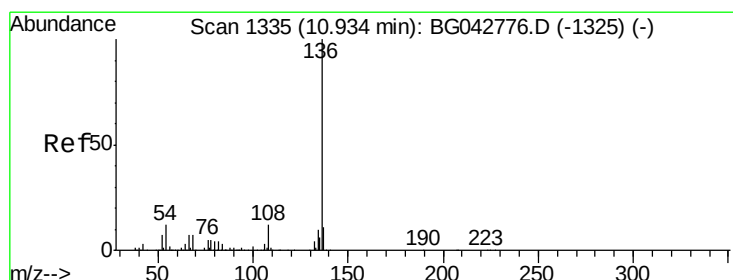
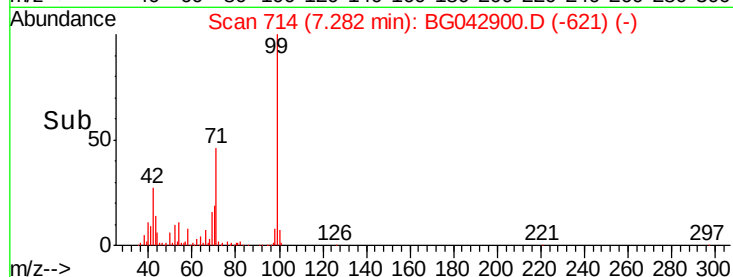
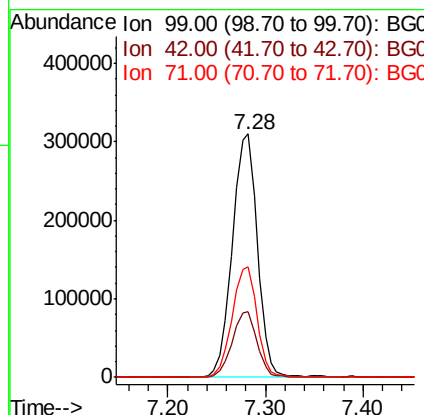
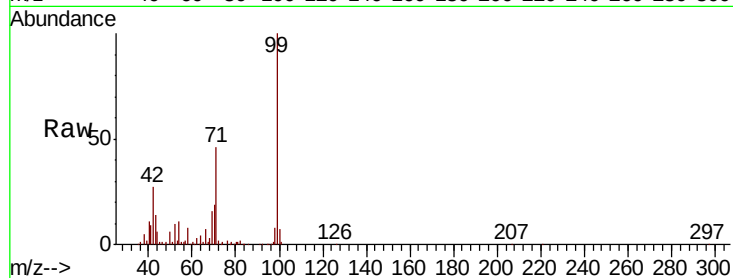
BNA_G

ClientSampleId :

CSA-2-9

Tot Ion: 99 Resp: 555432

Ion	Ratio	Lower	Upper
99	100		
42	26.7	17.5	26.3#
71	45.5	32.0	48.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

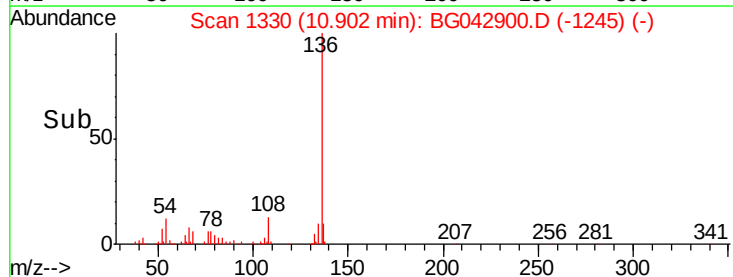
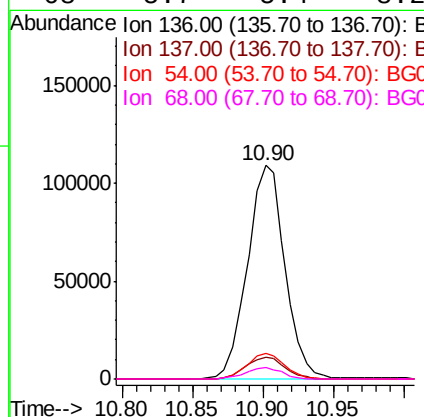
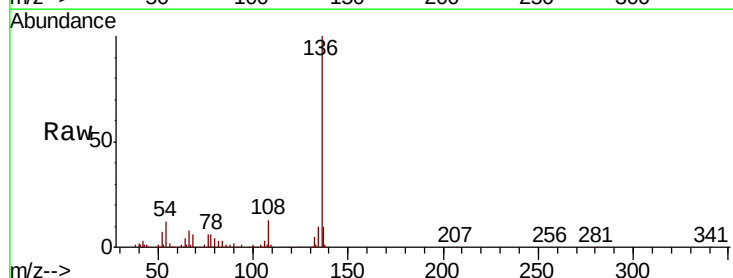
Delta R.T. -0.03 min

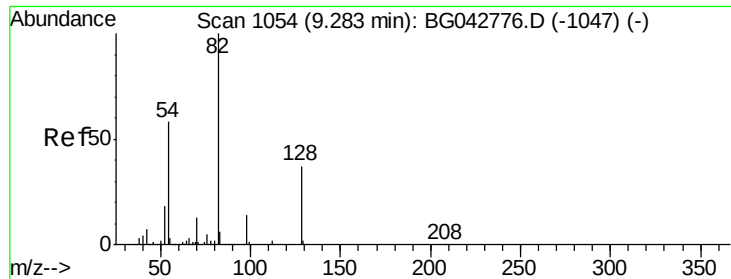
Lab File: BG042900.D

Acq: 18 Sep 2019 18:50

Tgt Ion: 136 Resp: 202784

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	12.3	9.4	14.0
68	5.7	5.4	8.2

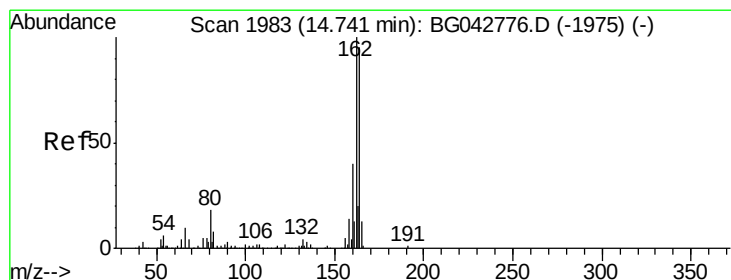
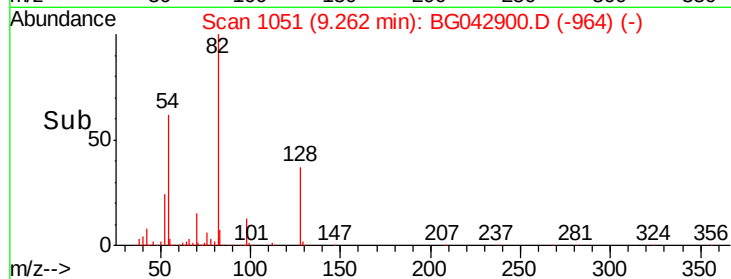
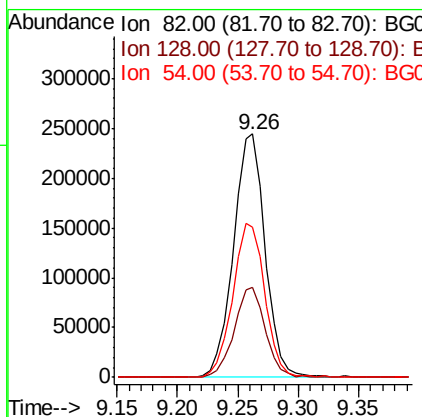
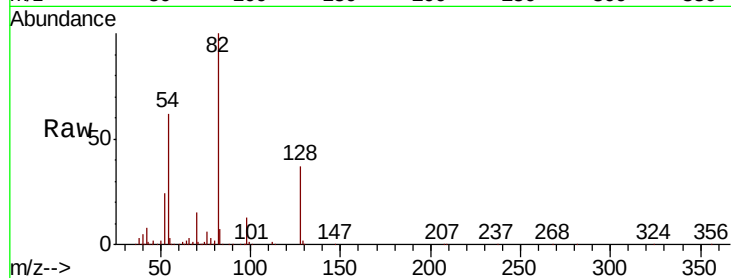




#23
 Nitrobenzene-d5
 Concen: 114.611 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG042900.D
 Acq: 18 Sep 2019 18:50

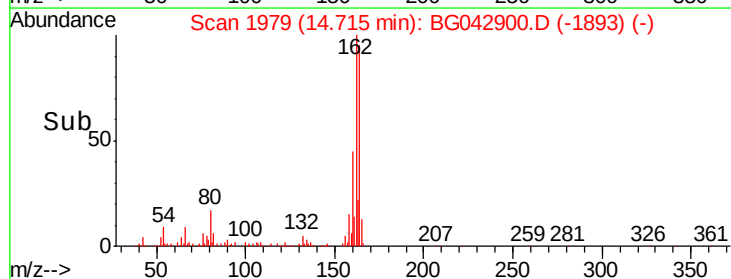
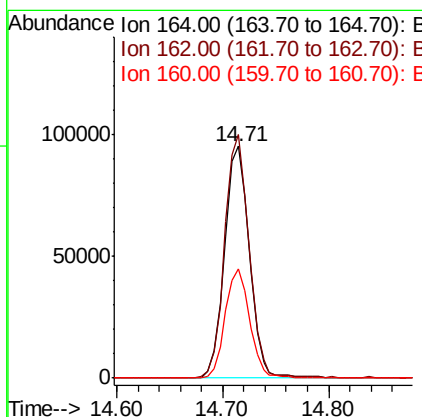
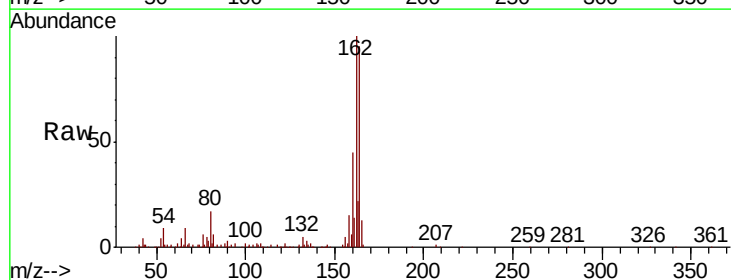
Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-9

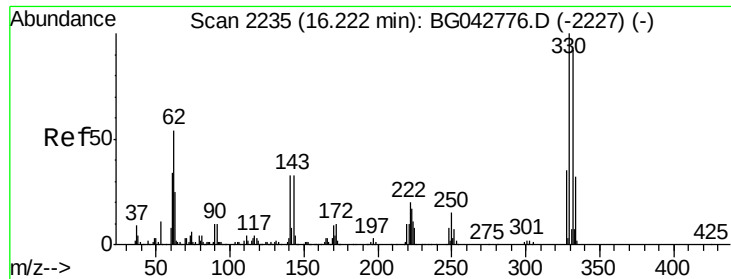
Tot Ion	82	Resp	446413
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.8	44.8
54	61.8	46.1	69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.03 min
 Lab File: BG042900.D
 Acq: 18 Sep 2019 18:50

Tgt Ion	164	Resp	155426
Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.6	126.8
160	47.3	34.2	51.2

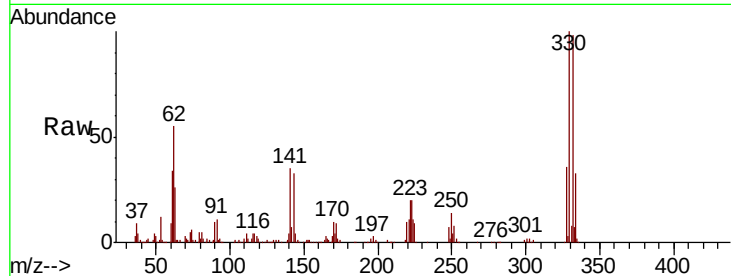




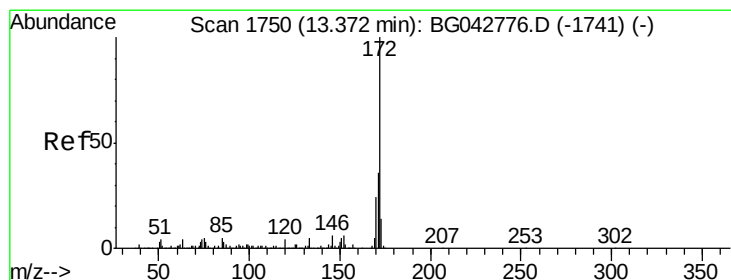
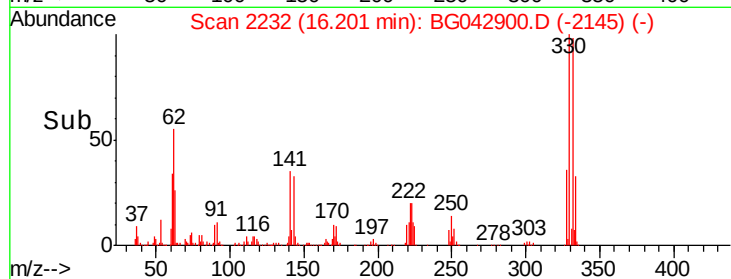
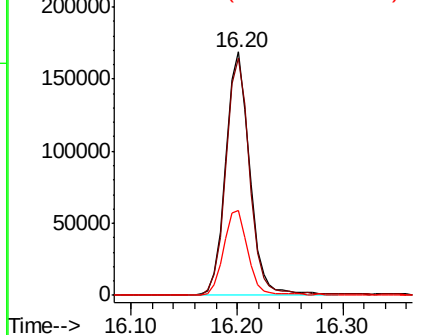
#42
 2,4,6-Tribromophenol
 Concen: 129.123 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BG042900.D
 Acq: 18 Sep 2019 18:50

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-9

Tot Ion:330 Resp: 267003
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.7 115.1
 141 35.2 27.0 40.6

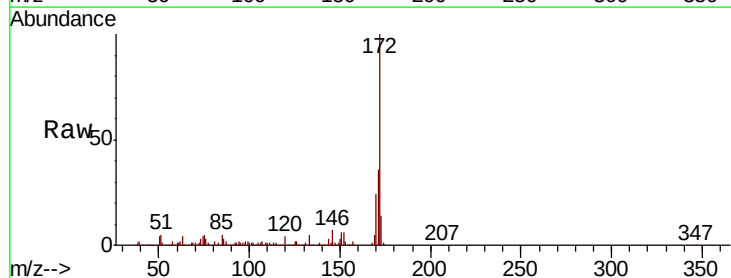


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

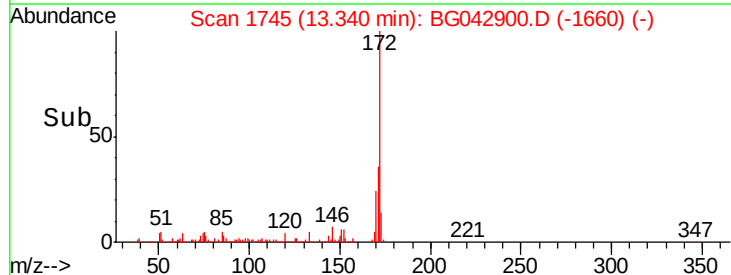
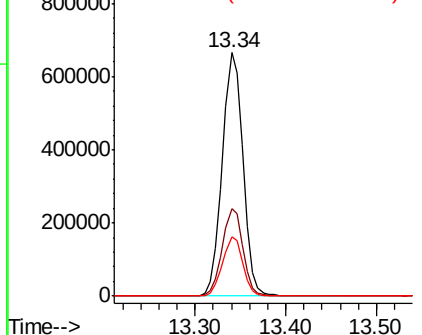


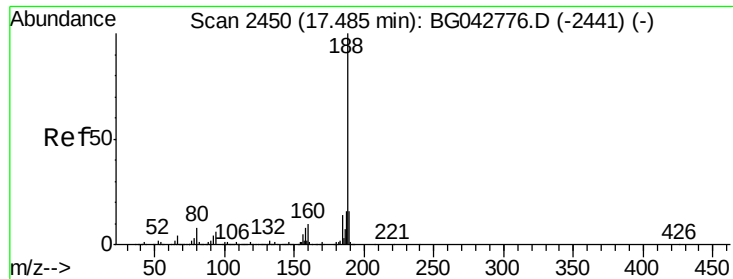
#45
 2-Fluorobiphenyl
 Concen: 107.615 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.03 min
 Lab File: BG042900.D
 Acq: 18 Sep 2019 18:50

Tgt Ion:172 Resp: 1056656
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.1 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: BG042900.D

Acq: 18 Sep 2019 18:50

Instrument :

BNA_G

ClientSampleId :

CSA-2-9

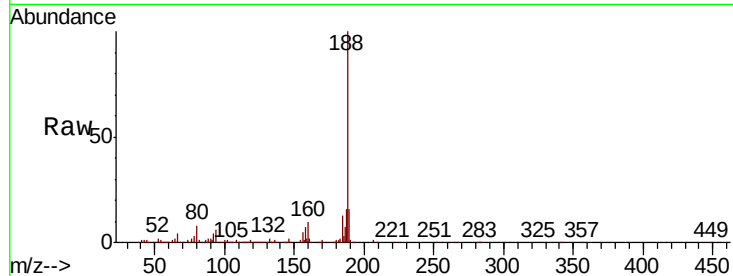
Tot Ion:188 Resp: 361995

Ion Ratio Lower Upper

188 100

94 5.9 4.8 7.2

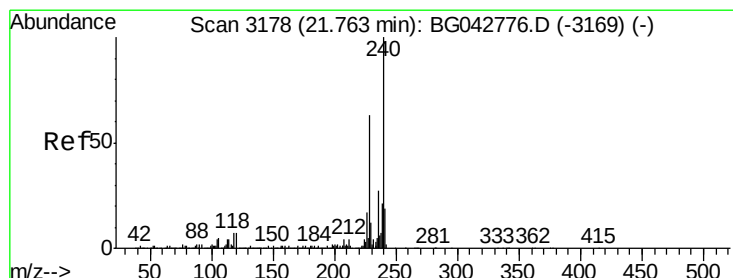
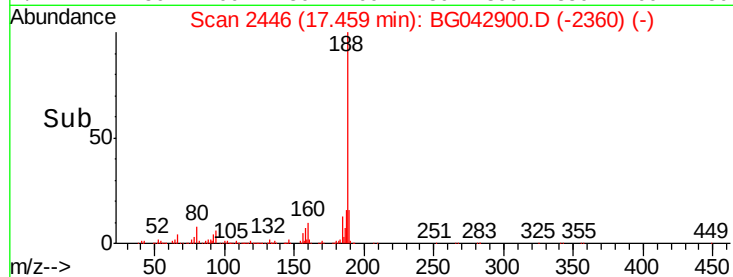
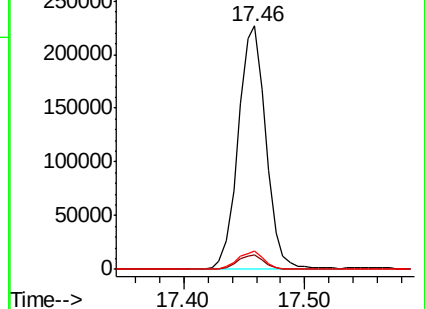
80 7.5 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.03 min

Lab File: BG042900.D

Acq: 18 Sep 2019 18:50

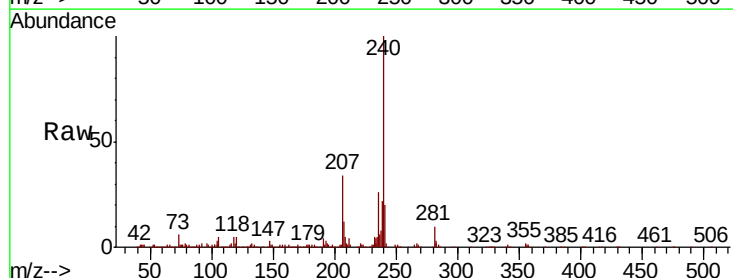
Tgt Ion:240 Resp: 346727

Ion Ratio Lower Upper

240 100

120 5.1 5.4 8.2#

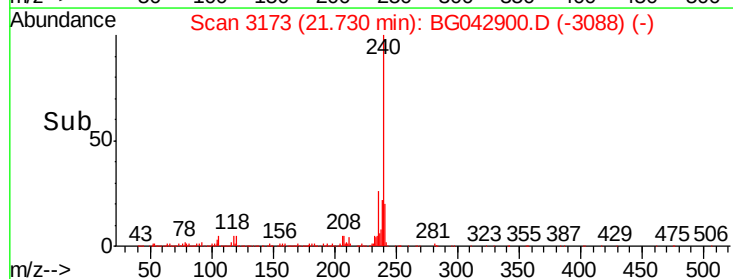
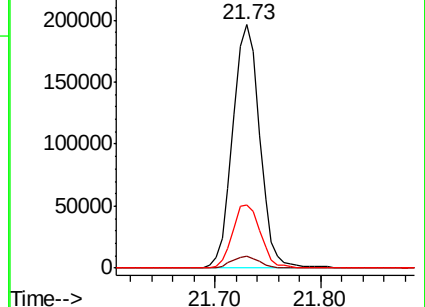
236 26.1 21.7 32.5

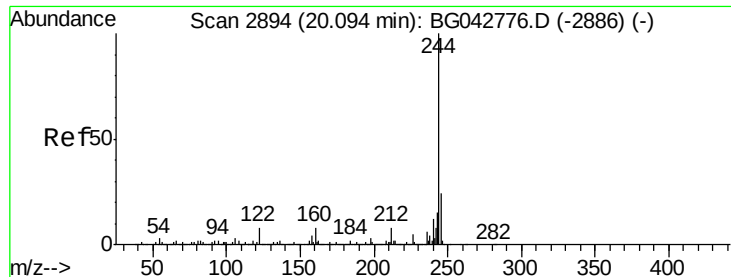


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.818 ng

RT: 20.07 min Scan# 2890

Delta R.T. -0.03 min

Lab File: BG042900.D

Acq: 18 Sep 2019 18:50

Instrument :

BNA_G

ClientSampleId :

CSA-2-9

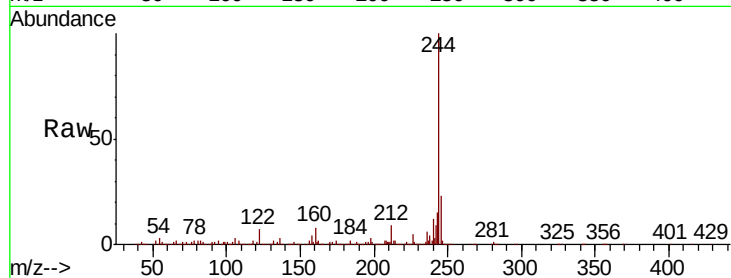
Tot Ion:244 Resp: 1811927

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

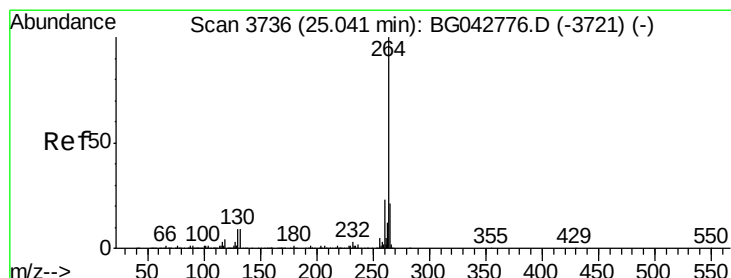
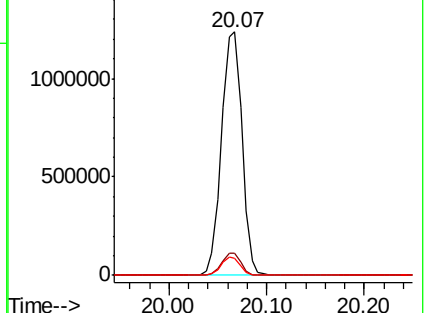
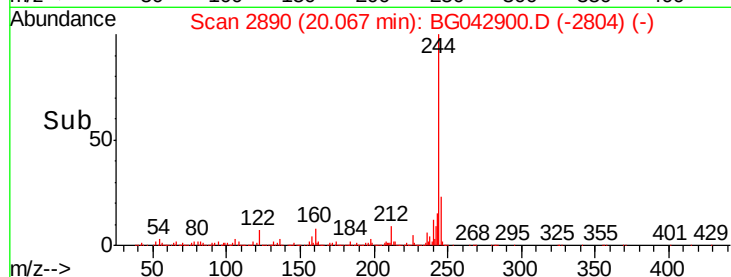
122 7.1 6.2 9.4



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: 24.98 min Scan# 3726

Delta R.T. -0.06 min

Lab File: BG042900.D

Acq: 18 Sep 2019 18:50

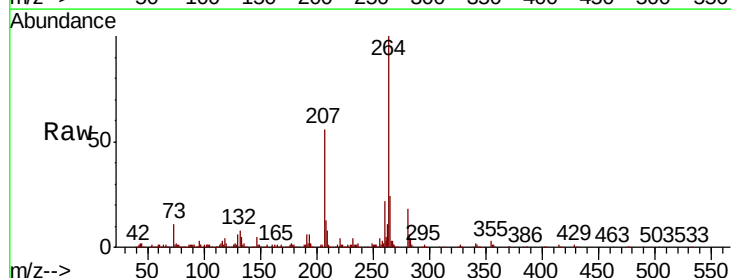
Tgt Ion:264 Resp: 363686

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.2

265 23.6 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

