

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044735.D
 Acq On : 12 Mar 2020 14:52
 Operator : CG/JU
 Sample : L1873-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Mar 13 07:07:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

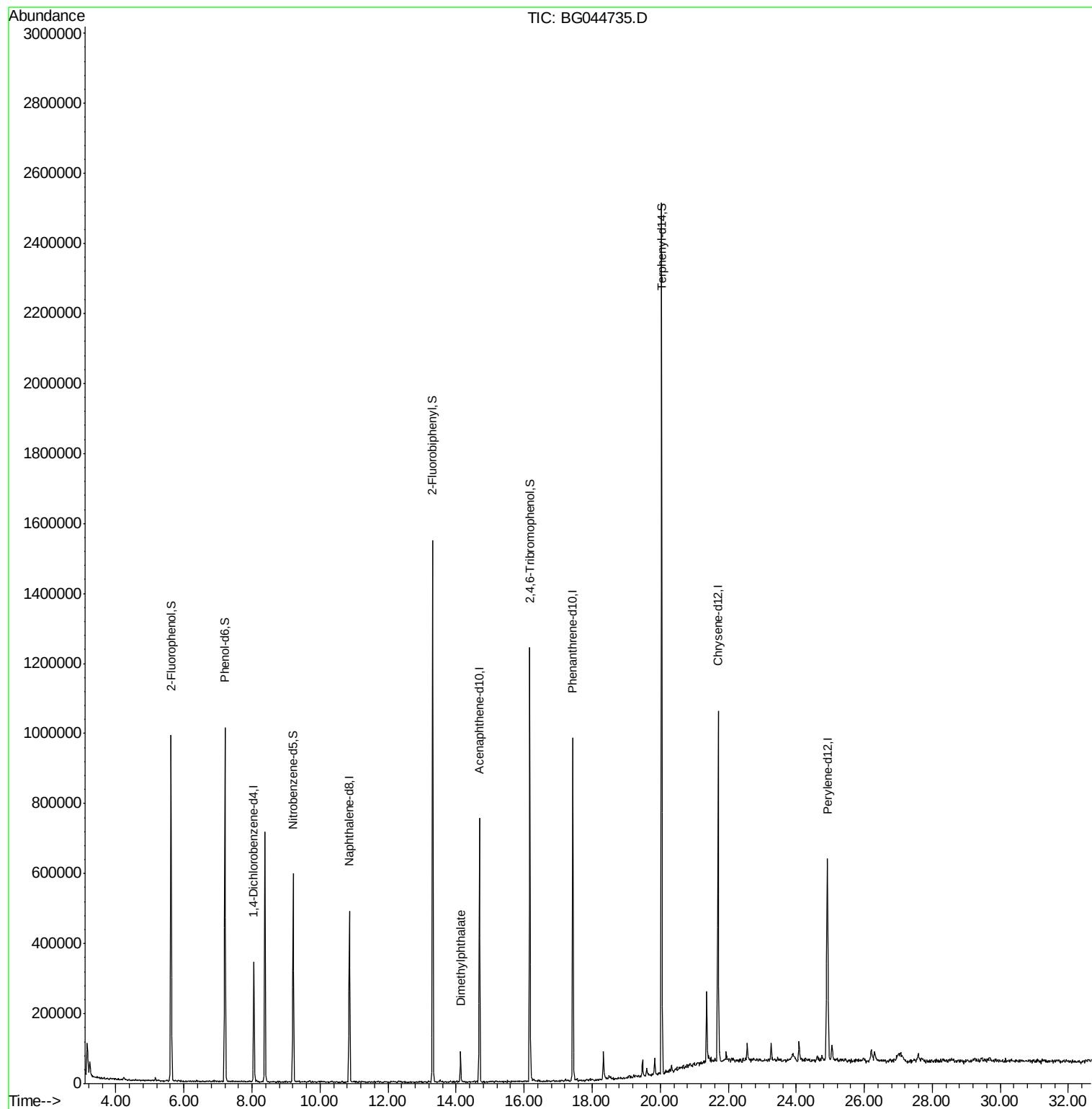
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	97809	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	397932	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	274734	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	599449	20.00	ng	0.00
76) Chrysene-d12	21.70	240	559399	20.00	ng	-0.01
87) Perylene-d12	24.92	264	626803	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	418184	66.56	ng	0.00
7) Phenol-d6	7.20	99	614330	67.29	ng	-0.01
23) Nitrobenzene-d5	9.21	82	392819	43.32	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	219108	60.91	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	804169	41.92	ng	0.00
79) Terphenyl-d14	20.04	244	1211589	40.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	56454	2.580	ng	Qvalue 99

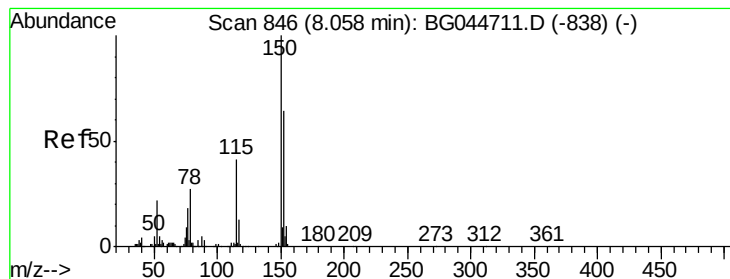
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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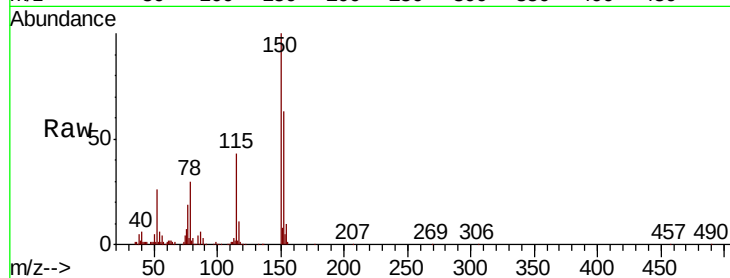


#1

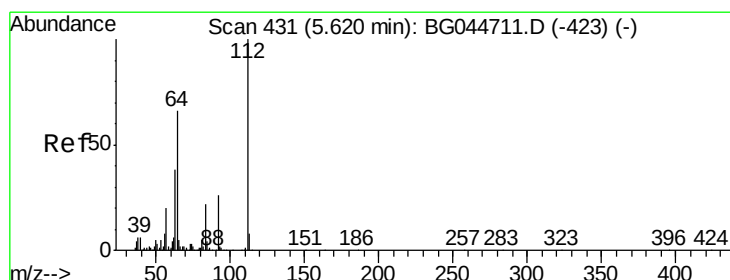
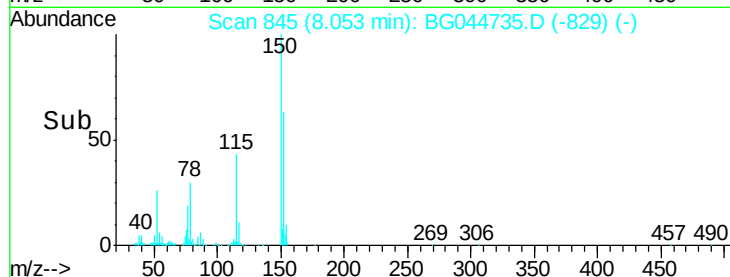
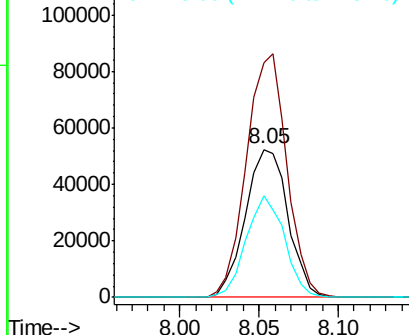
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.3	187.9
115	68.5	51.7	77.5



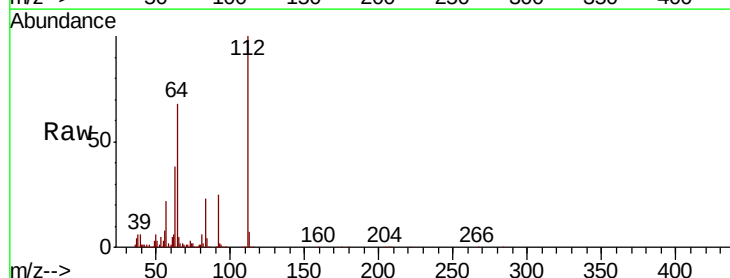
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



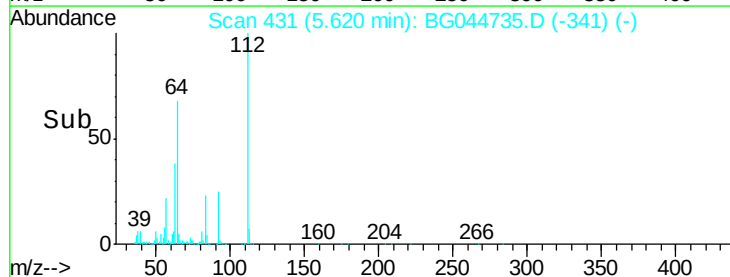
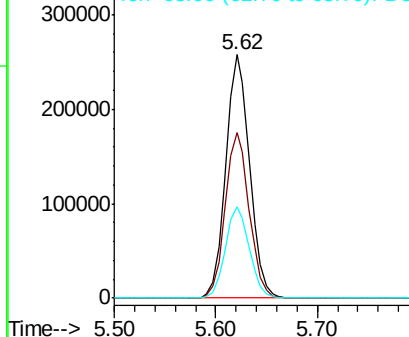
#5

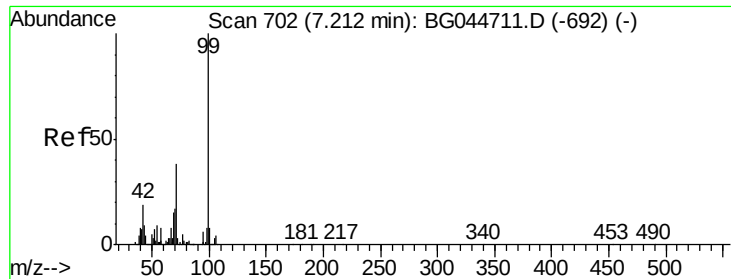
2-Fluorophenol
Concen: 66.557 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	52.6	78.8
63	37.5	30.2	45.4



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: 67.295 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044735.D

Acq: 12 Mar 2020 14:52

Instrument :

BNA_G

ClientSampleId :

TP-3

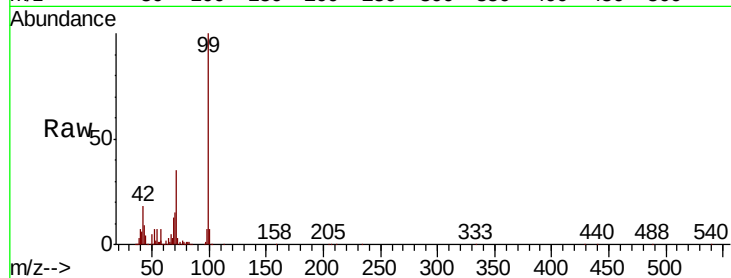
Tot Ion: 99 Resp: 614330

Ion Ratio Lower Upper

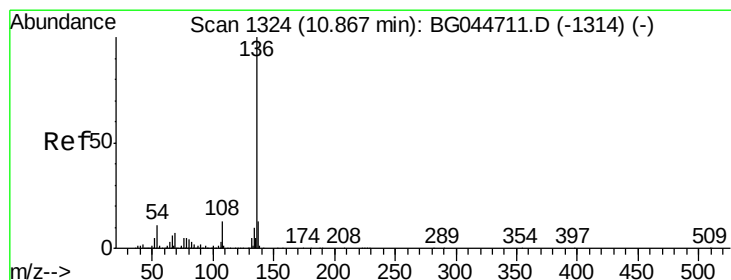
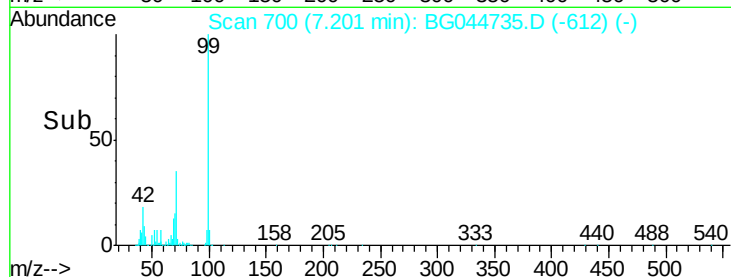
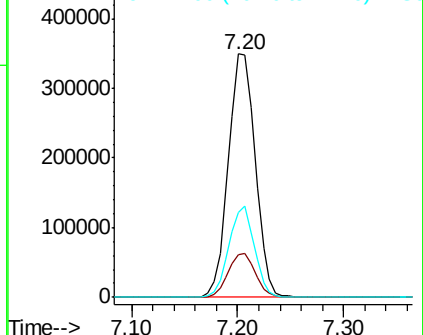
99 100

42 17.5 15.4 23.0

71 34.7 30.2 45.4



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: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG044735.D

Acq: 12 Mar 2020 14:52

Tgt Ion: 136 Resp: 397932

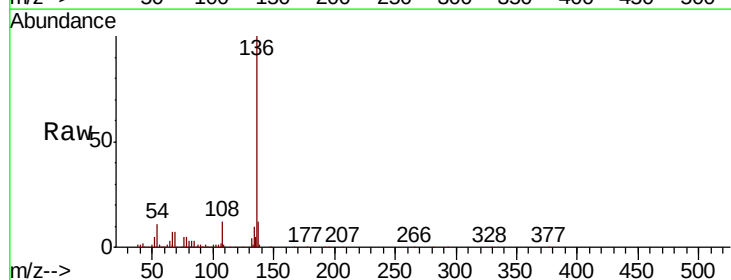
Ion Ratio Lower Upper

136 100

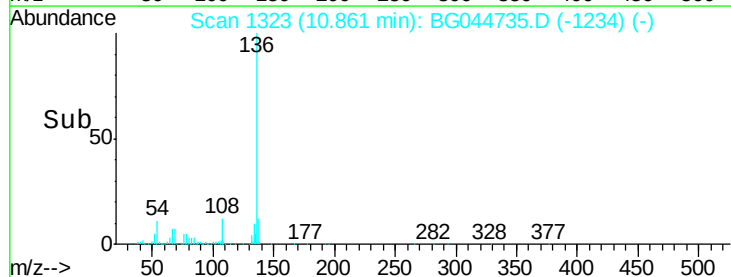
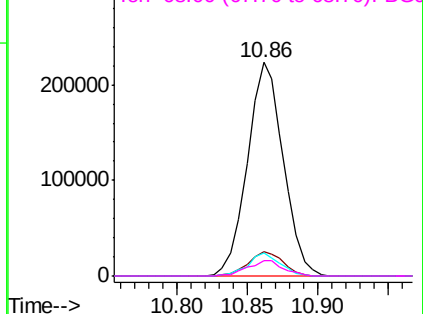
137 11.5 10.7 16.1

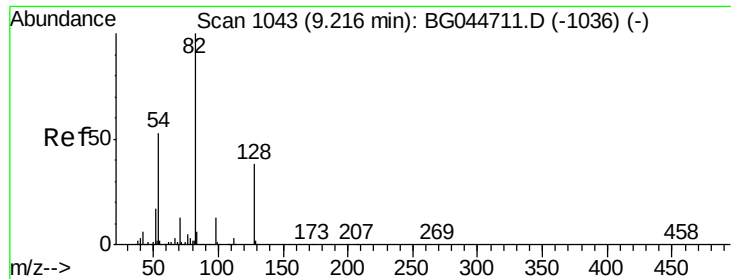
54 10.9 9.0 13.4

68 7.0 5.9 8.9



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

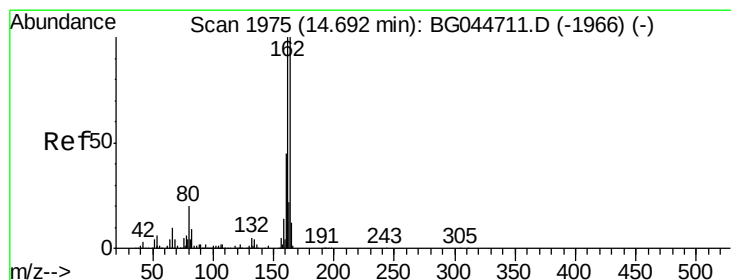
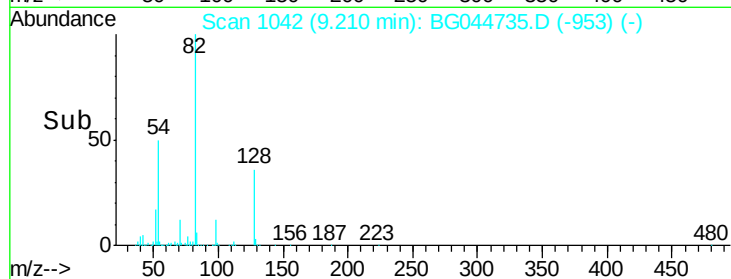
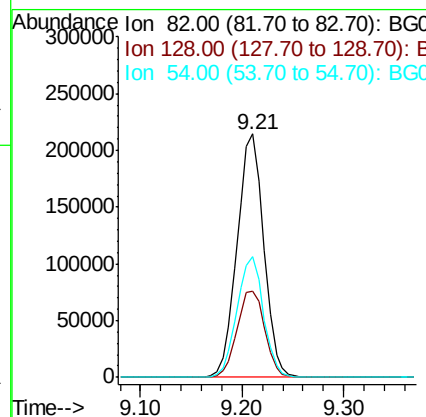
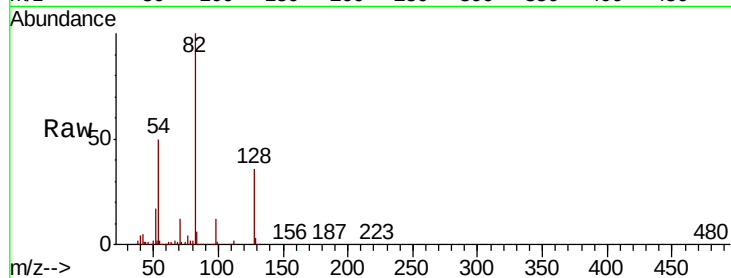




#23
 Nitrobenzene-d5
 Concen: 43.318 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044735.D
 Acq: 12 Mar 2020 14:52

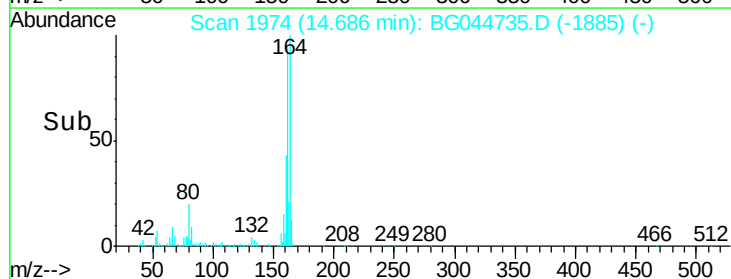
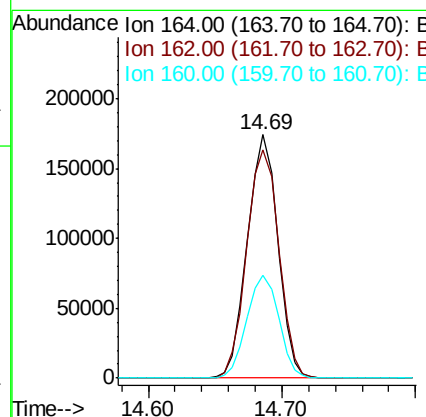
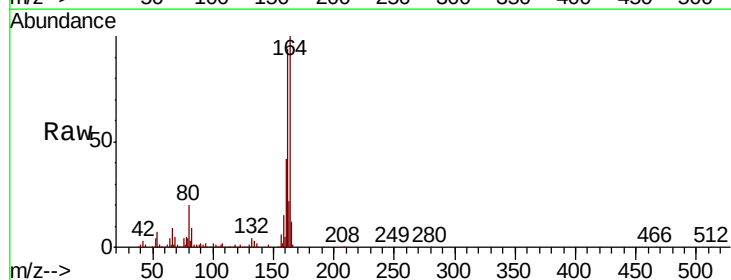
Instrument :
 BNA_G
 ClientSampled :
 TP-3

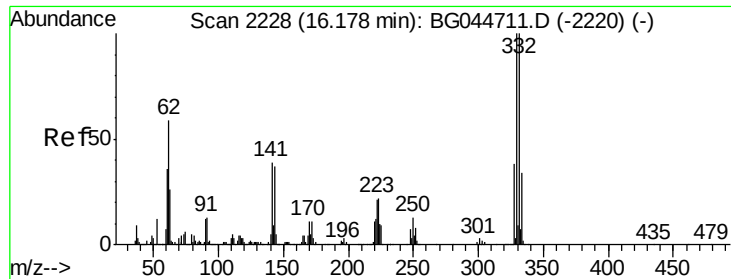
Tot Ion	82	Resp	392819
Ion Ratio	Lower	Upper	
82	100		
128	35.5	30.2	45.2
54	49.8	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG044735.D
 Acq: 12 Mar 2020 14:52

Tgt Ion	164	Resp	274734
Ion Ratio	Lower	Upper	
164	100		
162	93.8	80.2	120.4
160	42.5	36.2	54.2

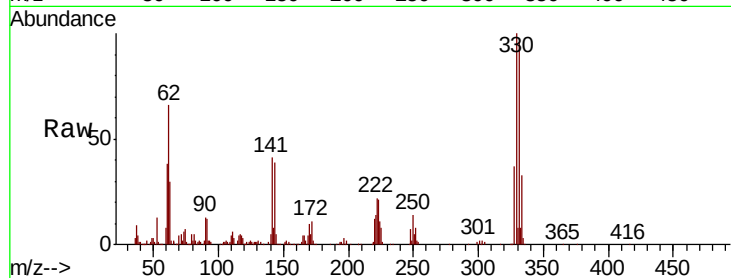




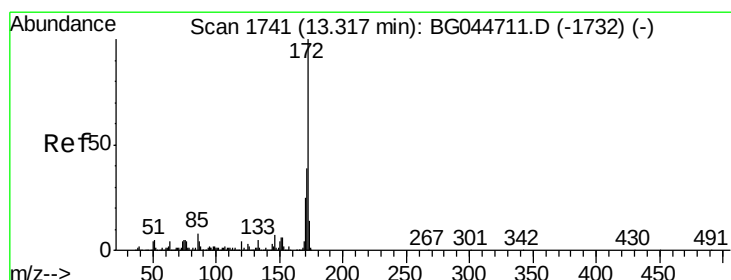
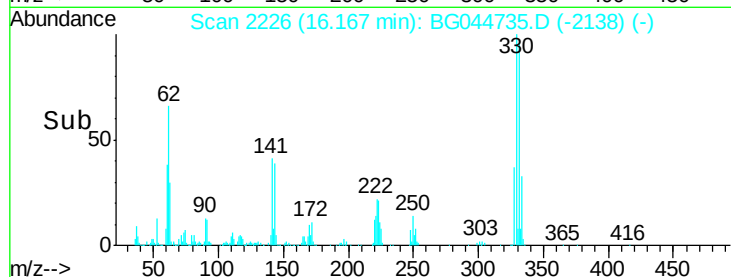
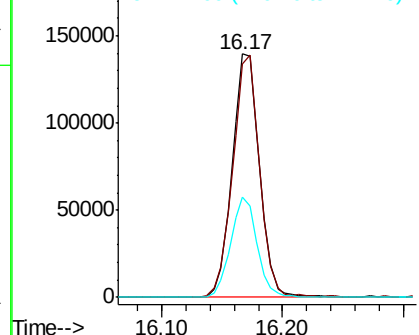
#42
2,4,6-Tribromophenol
Concen: 60.910 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.5	116.3
141	40.0	31.7	47.5

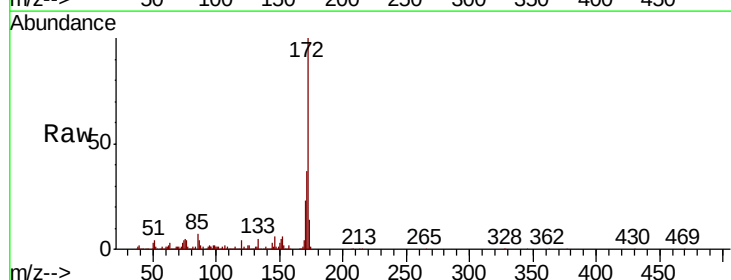


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

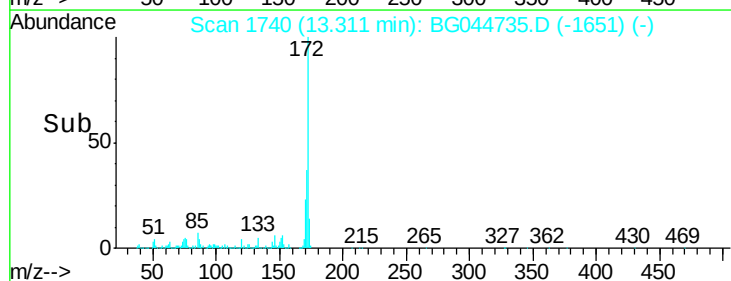
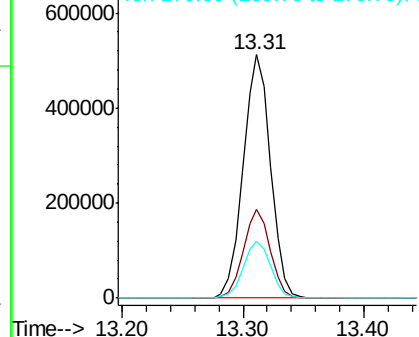


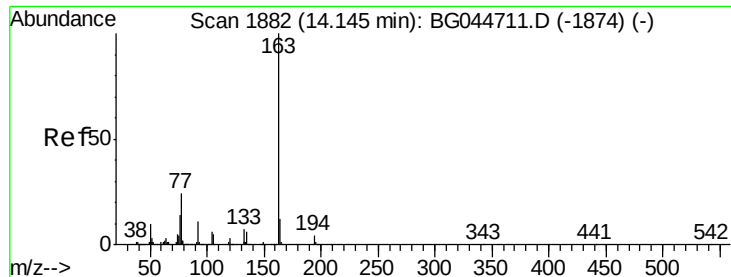
#45
2-Fluorobiphenyl
Concen: 41.917 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	23.5	20.0	30.0



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





#50

Dimethylphthalate

Concen: 2.580 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG044735.D

Acq: 12 Mar 2020 14:52

Instrument :

BNA_G

ClientSampleId :

TP-3

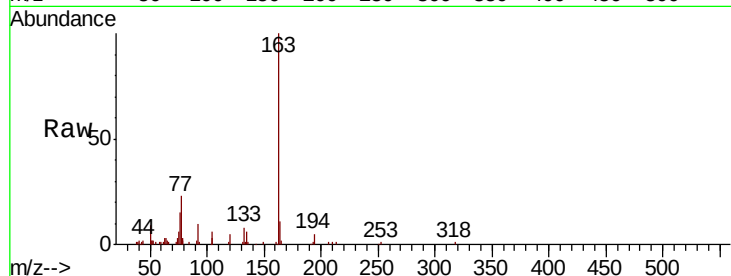
Tot Ion:163 Resp: 56454

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

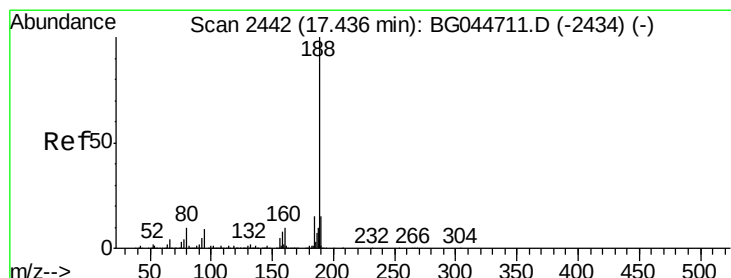
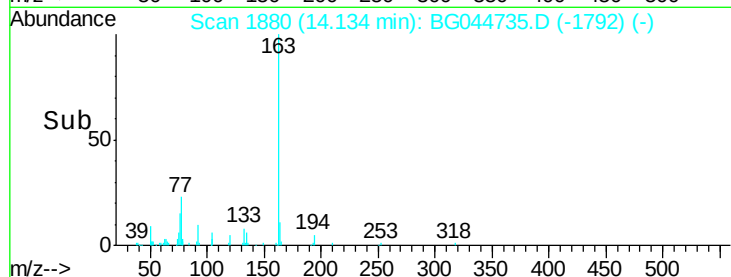
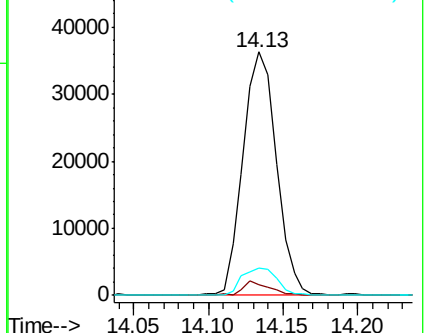
164 11.2 9.2 13.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044735.D

Acq: 12 Mar 2020 14:52

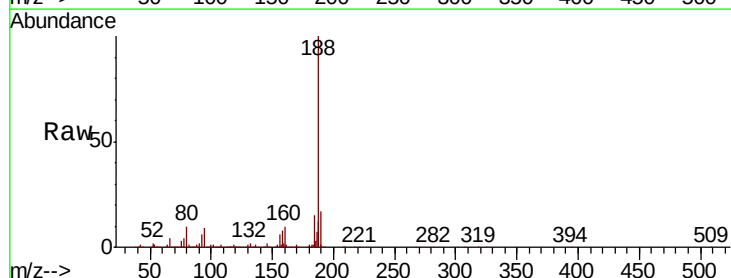
Tgt Ion:188 Resp: 599449

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

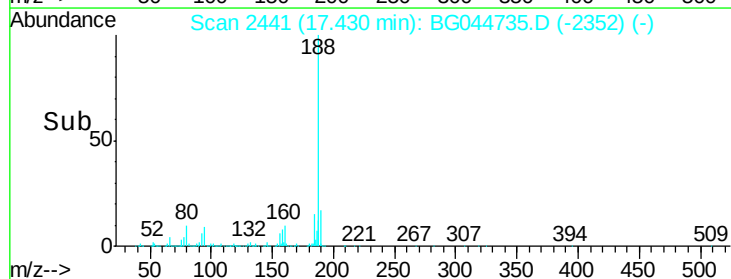
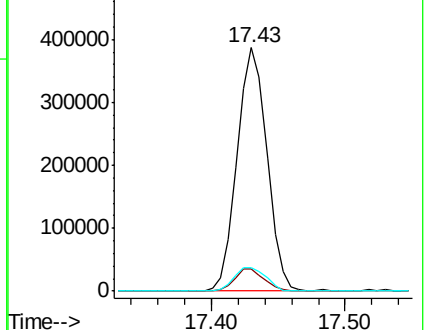
80 9.7 8.4 12.6

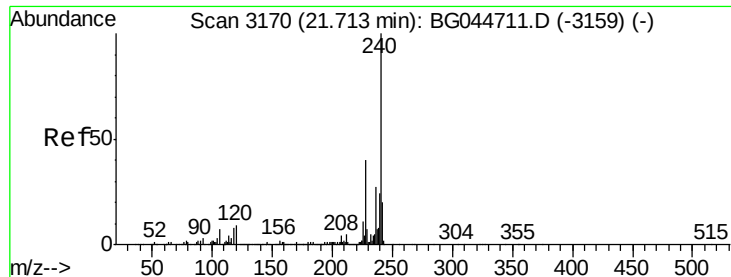


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

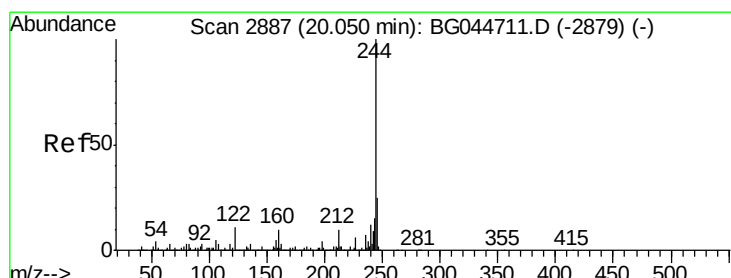
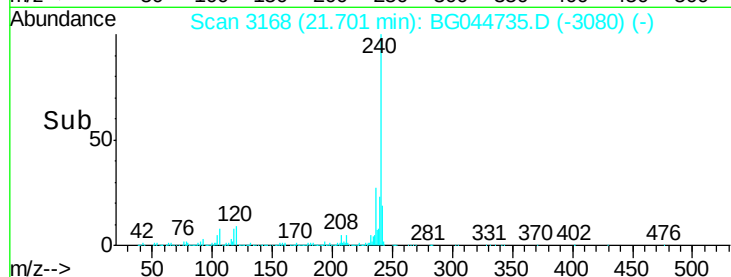
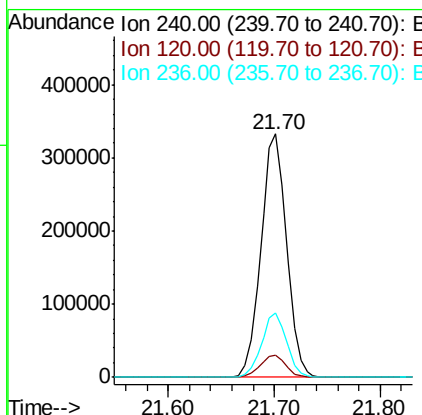
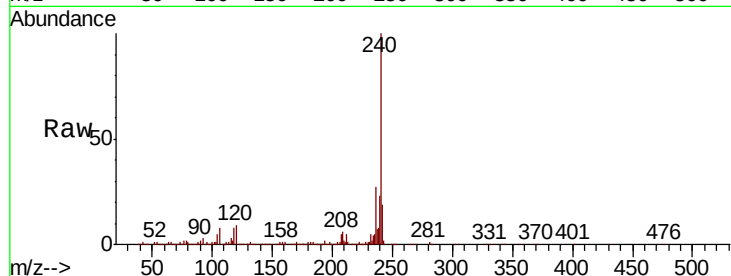




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

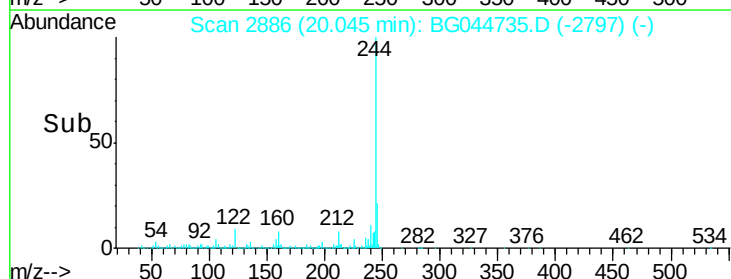
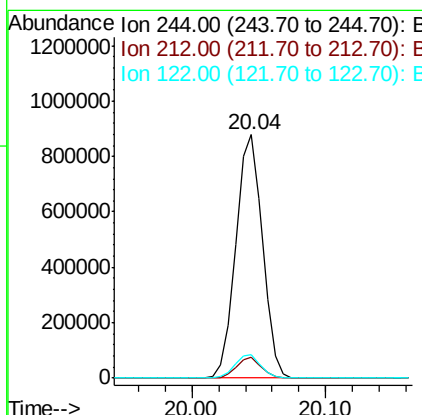
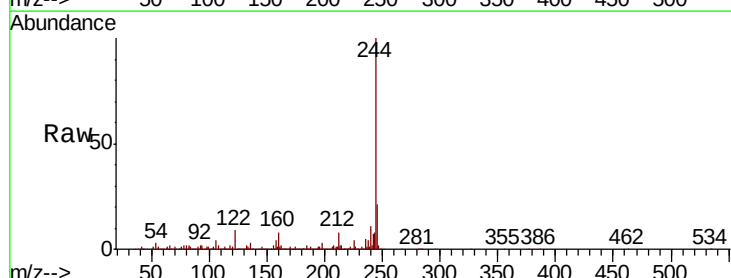
Instrument :
BNA_G
ClientSampleId :
TP-3

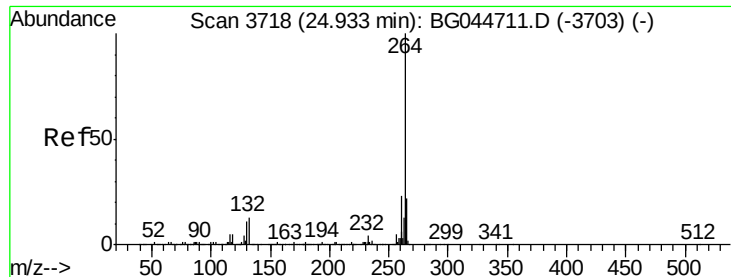
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.9	10.3
236	26.6	21.9	32.9



#79
Terphenyl-d14
Concen: 40.514 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	8.4	12.6#
122	9.5	8.7	13.1

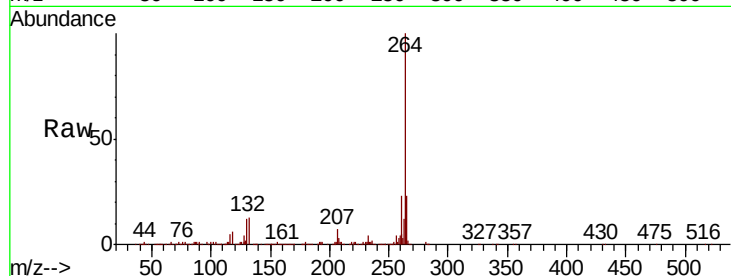




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	22.6	17.4	26.2



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

