

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042881.D
 Acq On : 17 Sep 2019 23:51
 Operator : HP/JU
 Sample : K4871-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE-1-2

Quant Time: Sep 18 02:27:34 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

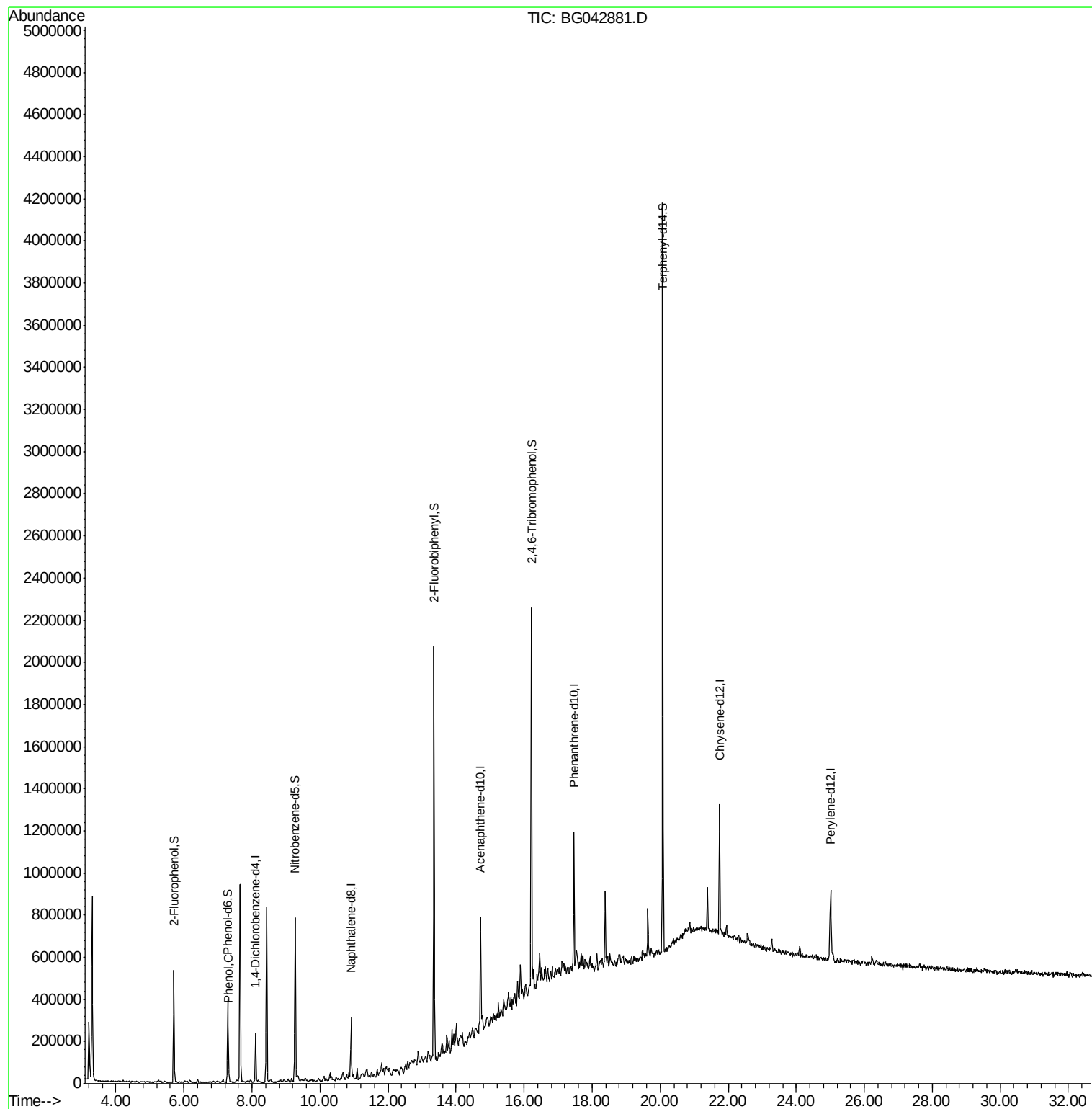
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60881	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	238608	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	171217	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	386825	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	370730	20.00	ng	-0.02
87) Perylene-d12	25.01	264	396011	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	203573	58.13	ng	0.02
7) Phenol-d6	7.29	99	202051	40.20	ng	0.02
23) Nitrobenzene-d5	9.27	82	459367	100.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	361765	158.81	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1016691	94.00	ng	-0.02
79) Terphenyl-d14	20.07	244	1656339	99.02	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	15501	3.007	ng	Qvalue # 70

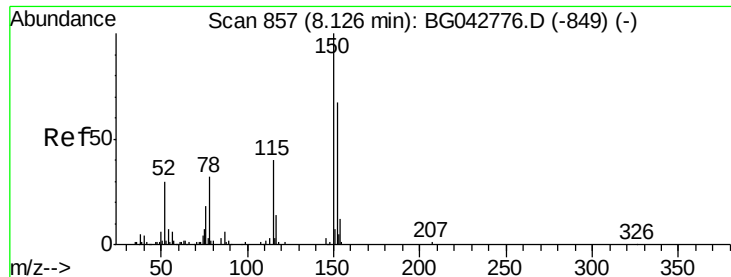
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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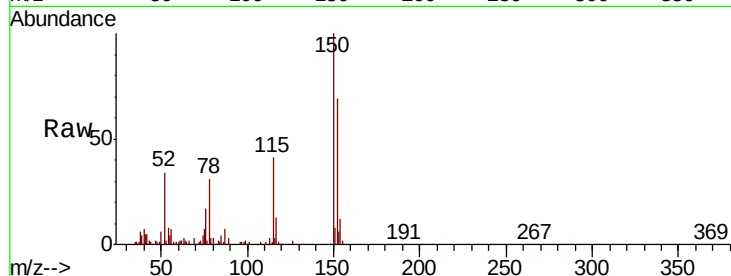


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

Instrument :
BNA_G
ClientSampleId :
VE-1-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.0	118.9	178.3
115	59.9	47.4	71.2

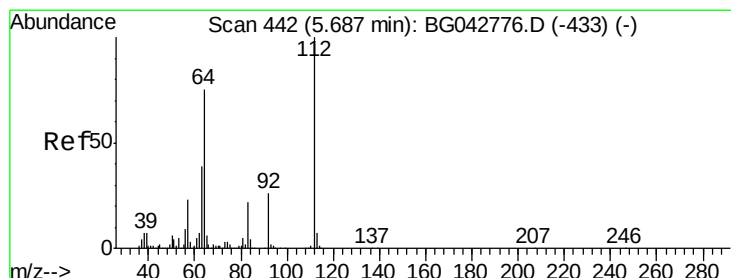
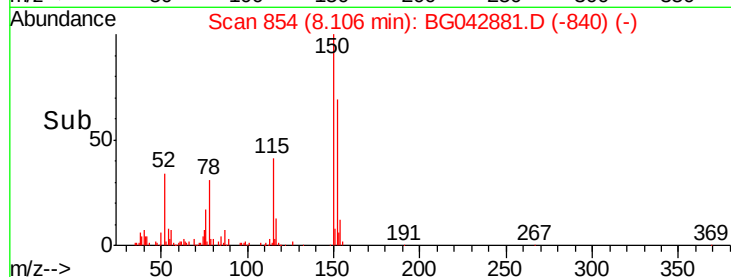
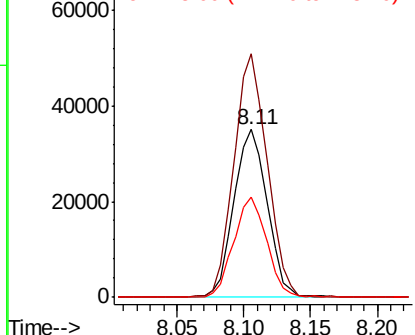


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

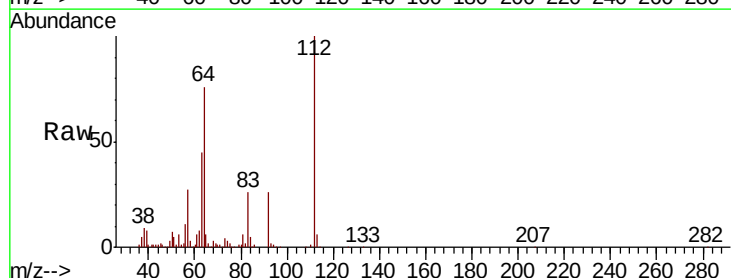
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.133 ng
RT: 5.70 min Scan# 445
Delta R.T. 0.02 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.4	60.2	90.2
63	45.0	31.2	46.8

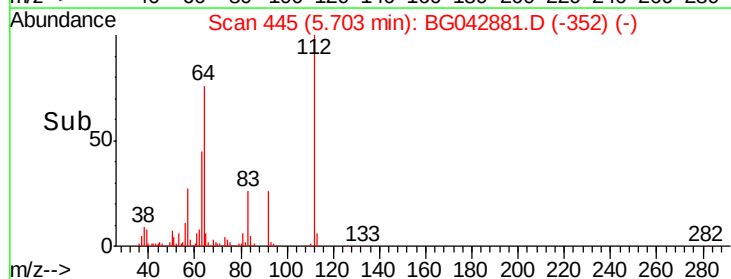
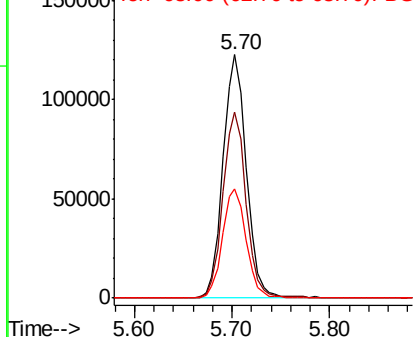


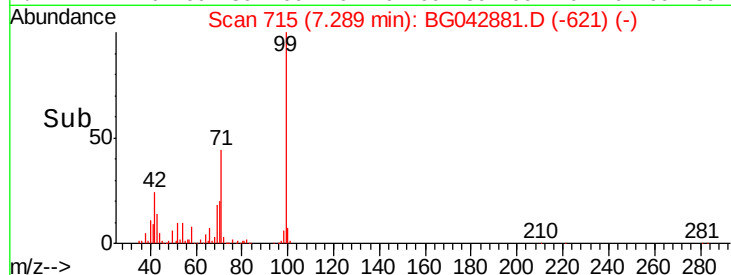
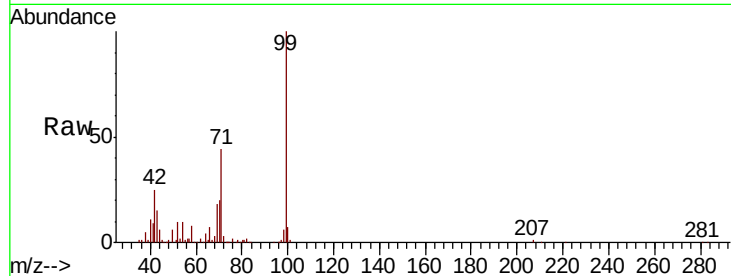
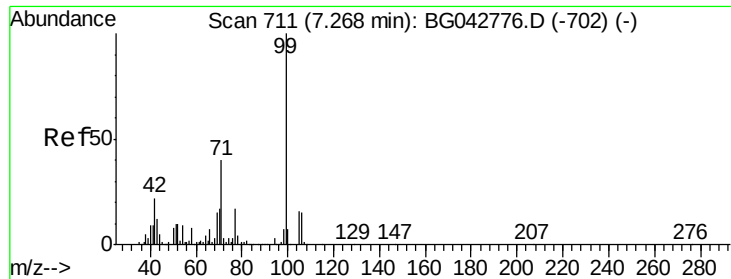
Abundance

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: 40.199 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.02 min

Lab File: BG042881.D

Acq: 17 Sep 2019 23:51

Instrument :

BNA_G

ClientSampleId :

VE-1-2

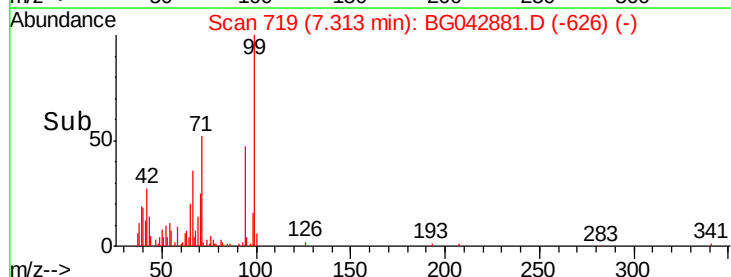
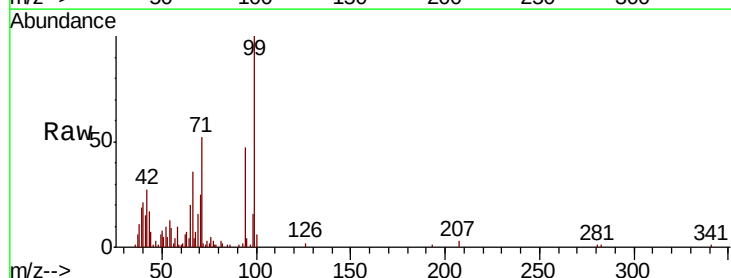
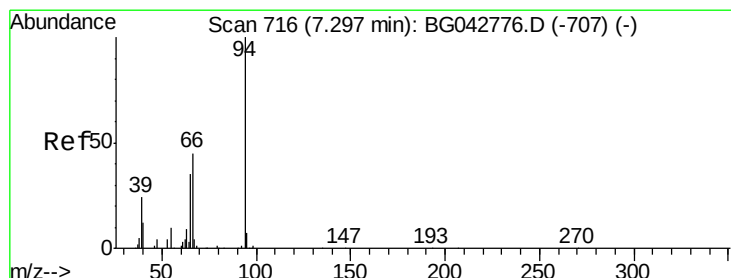
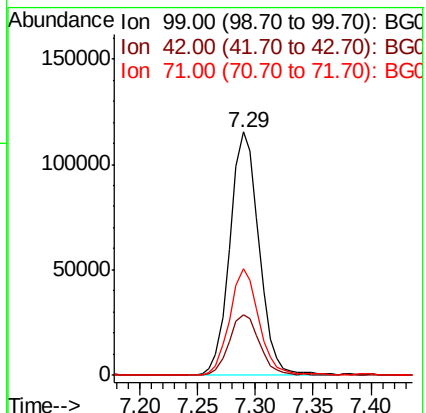
Tot Ion: 99 Resp: 202051

Ion Ratio Lower Upper

99 100

42 24.6 17.5 26.3

71 43.7 32.0 48.0



#10

Phenol

Concen: 3.007 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.02 min

Lab File: BG042881.D

Acq: 17 Sep 2019 23:51

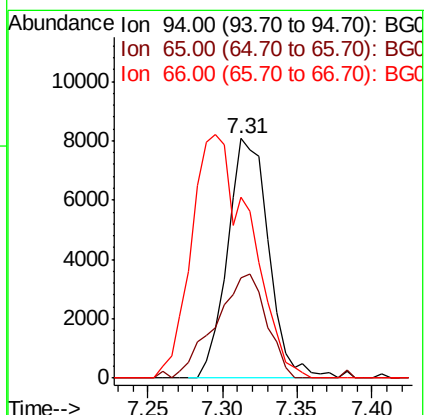
Tgt Ion: 94 Resp: 15501

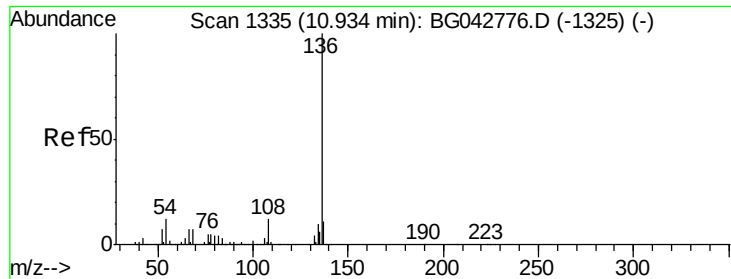
Ion Ratio Lower Upper

94 100

65 42.0 15.0 55.0

66 75.4 26.1 66.1#

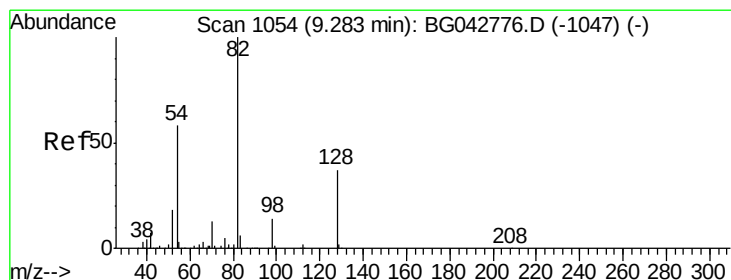
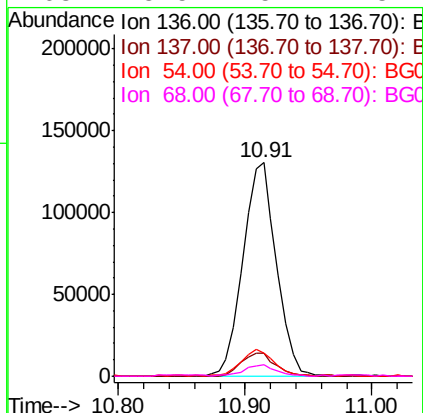
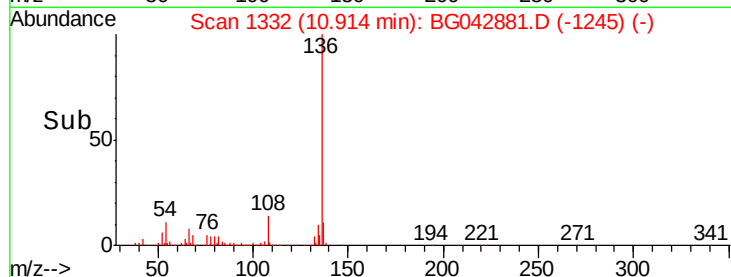
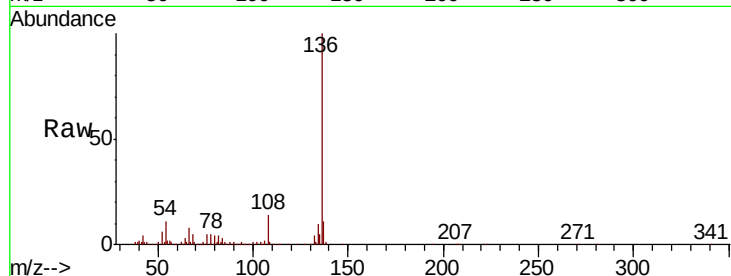




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

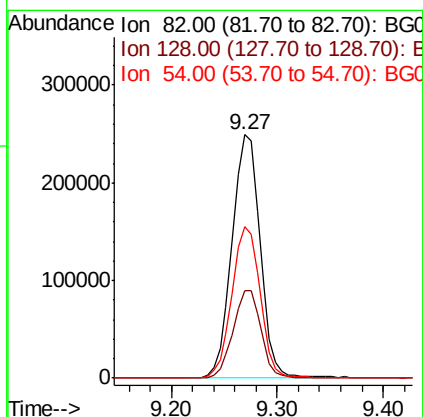
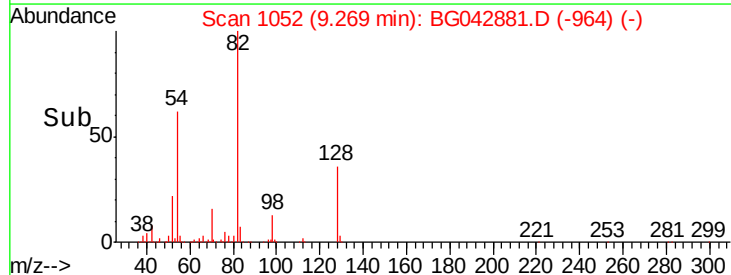
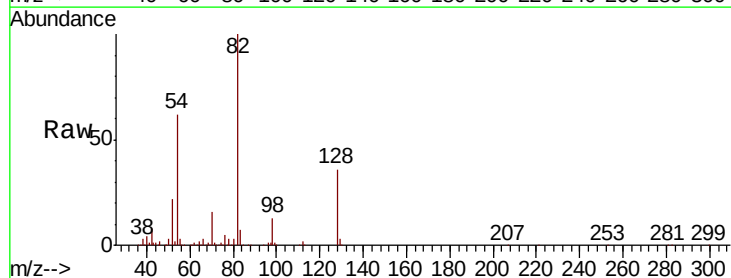
Instrument :
BNA_G
ClientSampleId :
VE-1-2

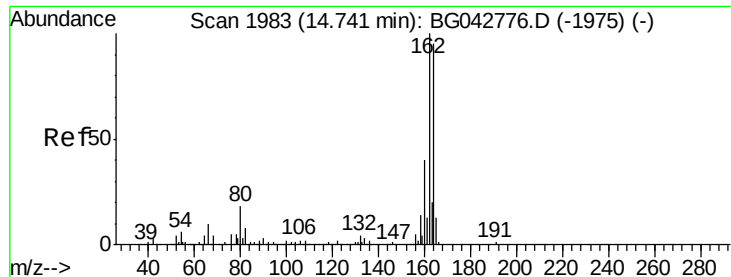
Tot Ion:136	Resp:	238608
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	11.0	9.4 14.0
68	5.5	5.4 8.2



#23
Nitrobenzene-d5
Concen: 100.230 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

Tgt Ion: 82	Resp:	459367
Ion Ratio	Lower	Upper
82	100	
128	35.9	29.8 44.8
54	62.2	46.1 69.1

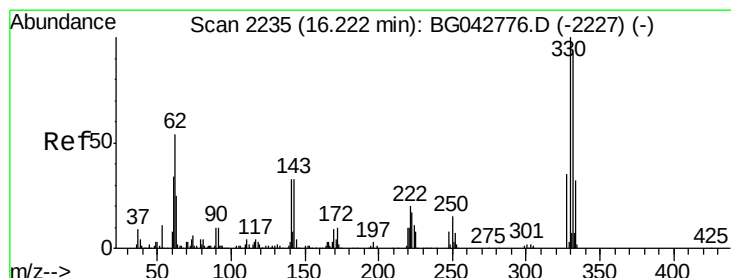
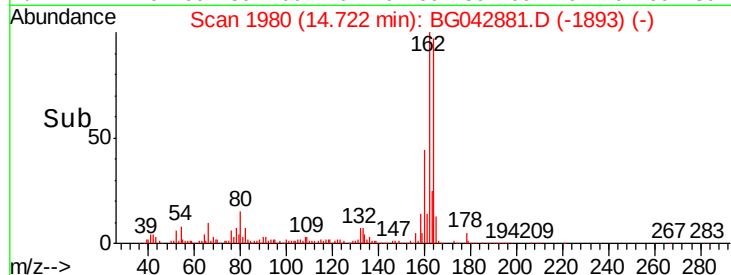
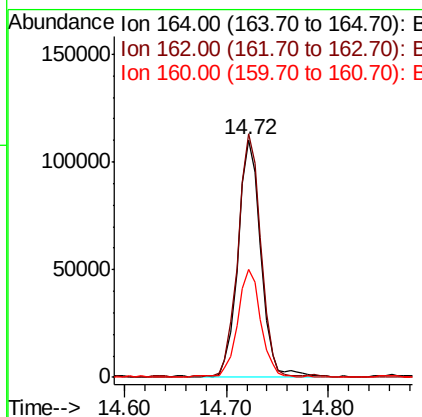
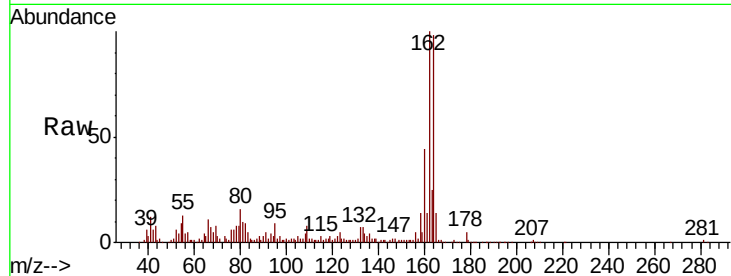




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

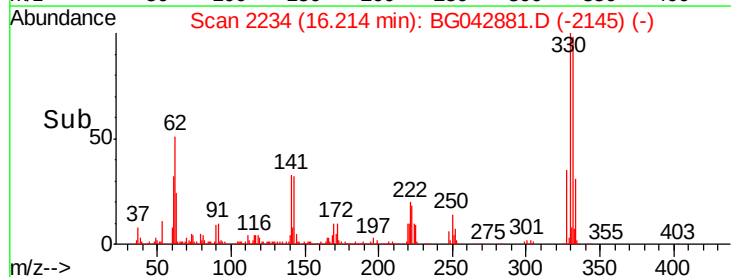
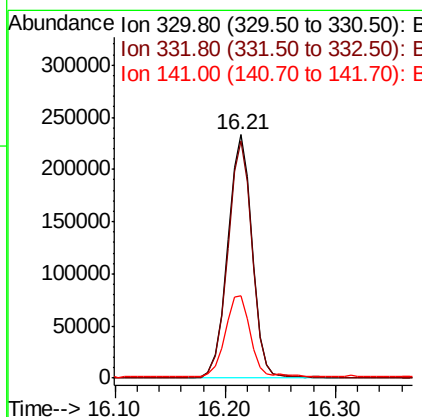
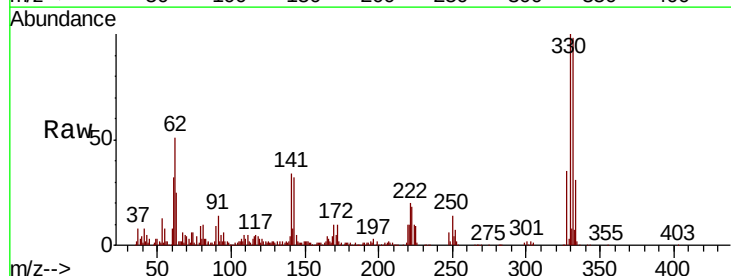
Instrument :
BNA_G
ClientSampleId :
VE-1-2

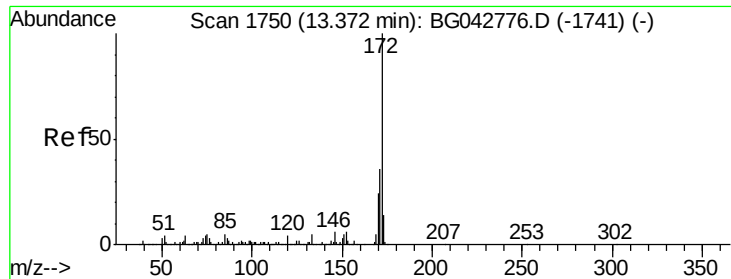
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.6	126.8
160	45.3	34.2	51.2



#42
2,4,6-Tribromophenol
Concen: 158.814 ng
RT: 16.21 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042881.D
Acq: 17 Sep 2019 23:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	34.6	27.0	40.6



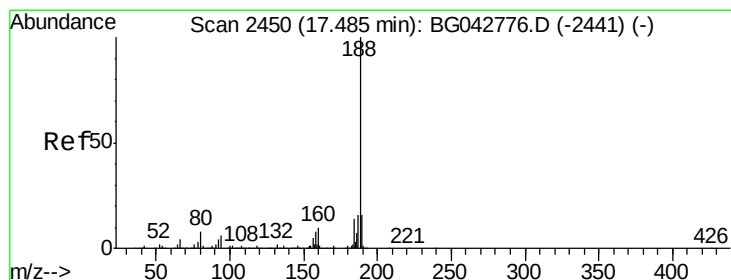
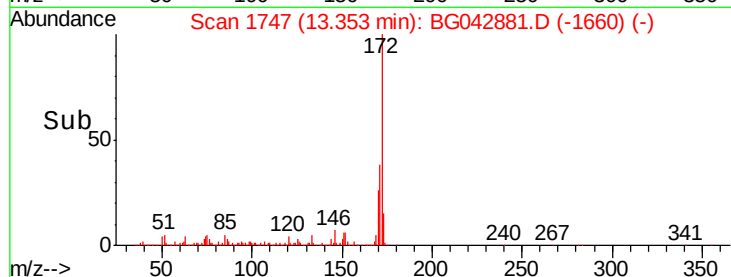
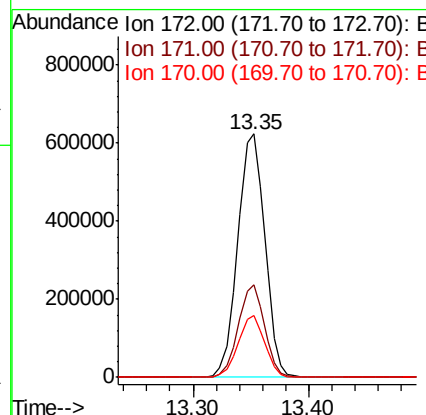
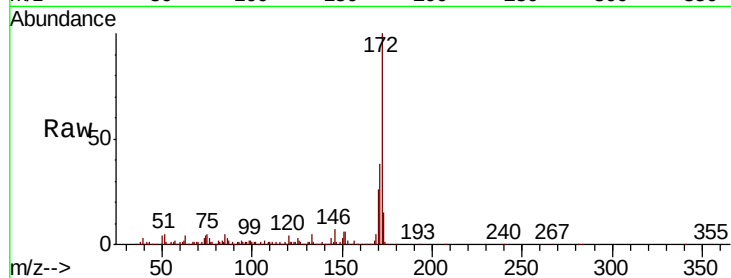


#45
 2-Fluorobiphenyl
 Concen: 93.995 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG042881.D
 Acq: 17 Sep 2019 23:51

Instrument :
 BNA_G
 ClientSampleId :
 VE-1-2

Tot Ion:172 Resp: 1016691

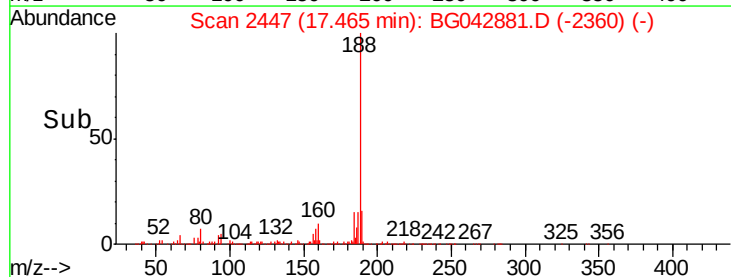
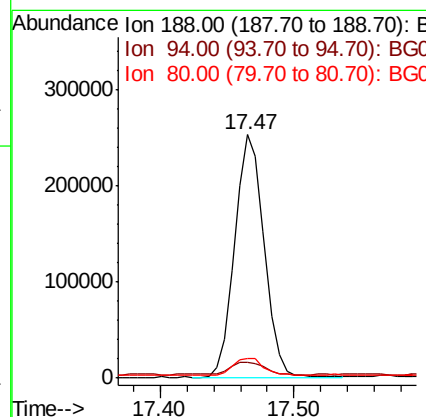
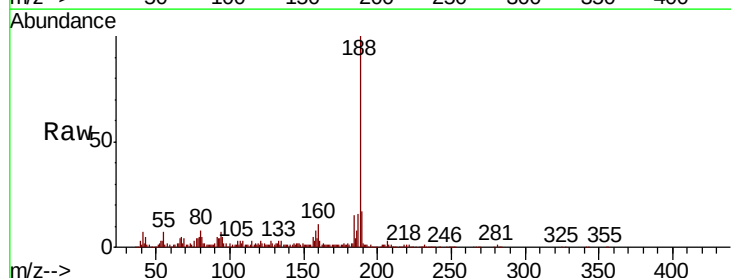
Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.9	43.3
170	25.5	19.1	28.7

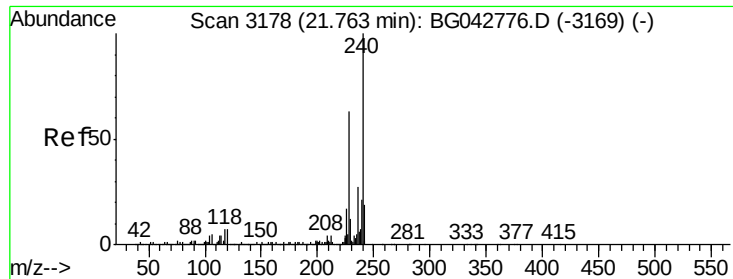


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: BG042881.D
 Acq: 17 Sep 2019 23:51

Tgt Ion:188 Resp: 386825

Ion	Ratio	Lower	Upper
188	100		
94	6.7	4.8	7.2
80	8.0	6.6	9.8

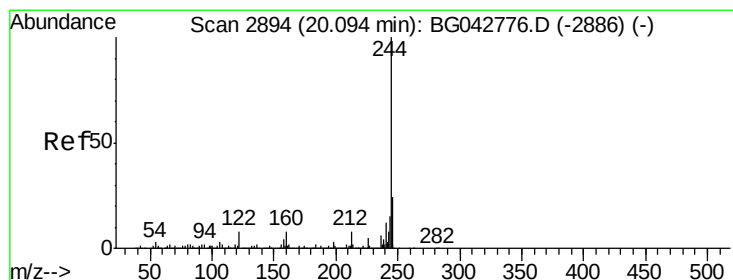
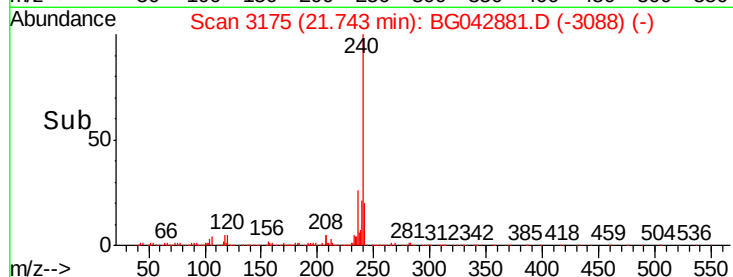
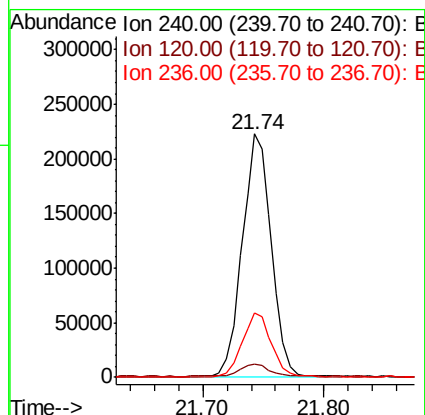
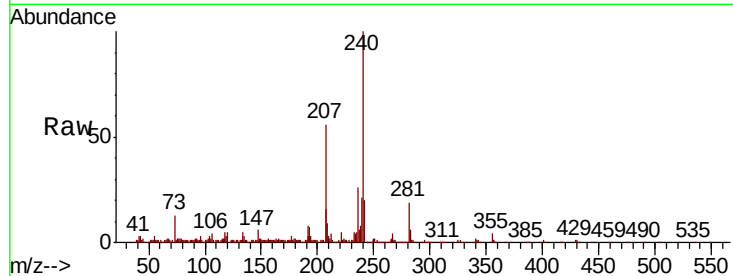




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG042881.D
 Acq: 17 Sep 2019 23:51

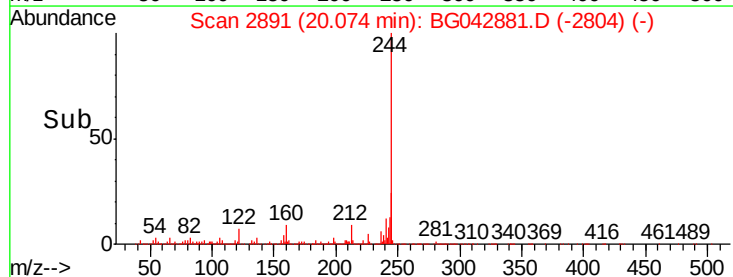
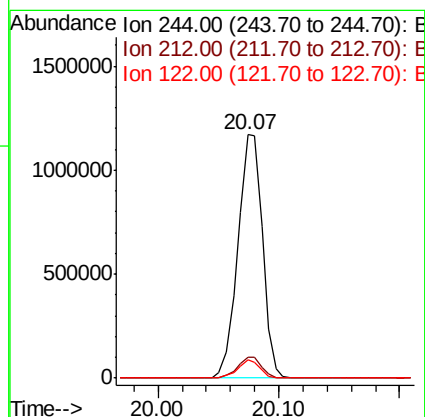
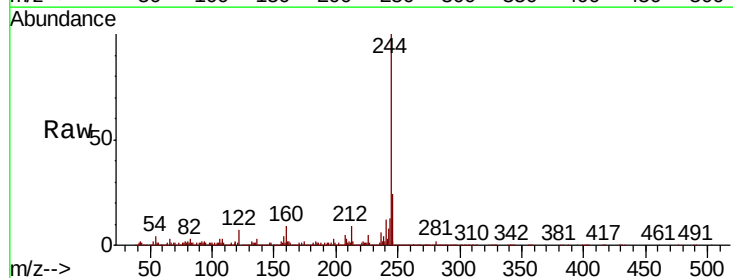
Instrument :
 BNA_G
 ClientSampleId :
 VE-1-2

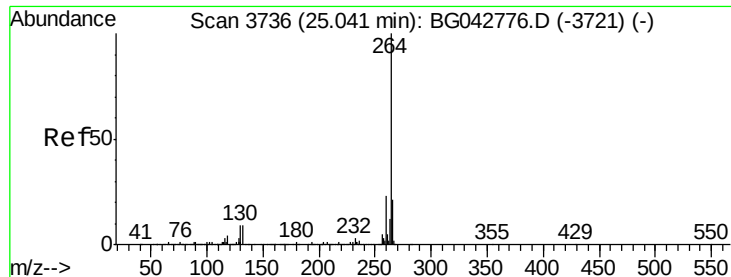
Tot Ion:240 Resp: 370730
 Ion Ratio Lower Upper
 240 100
 120 5.4 5.4 8.2#
 236 26.5 21.7 32.5



#79
 Terphenyl-d14
 Concen: 99.018 ng
 RT: 20.07 min Scan# 2891
 Delta R.T. -0.02 min
 Lab File: BG042881.D
 Acq: 17 Sep 2019 23:51

Tgt Ion:244 Resp: 1656339
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.6 10.0
 122 7.4 6.2 9.4

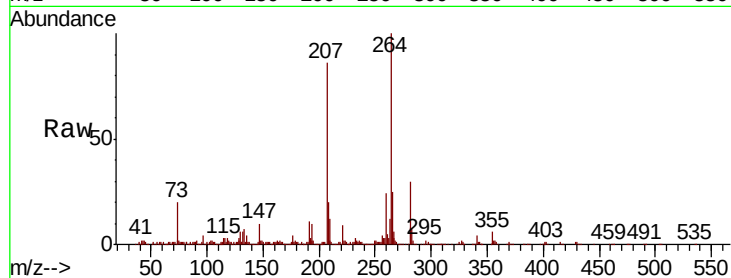




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.03 min
 Lab File: BG042881.D
 Acq: 17 Sep 2019 23:51

Instrument :
 BNA_G
 ClientSampleId :
 VE-1-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	24.8	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

