

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
 Data File : BG048065.D
 Acq On : 28 Jan 2021 19:47
 Operator : CG/JU
 Sample : M1253-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-201

Quant Time: Jan 28 23:33:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

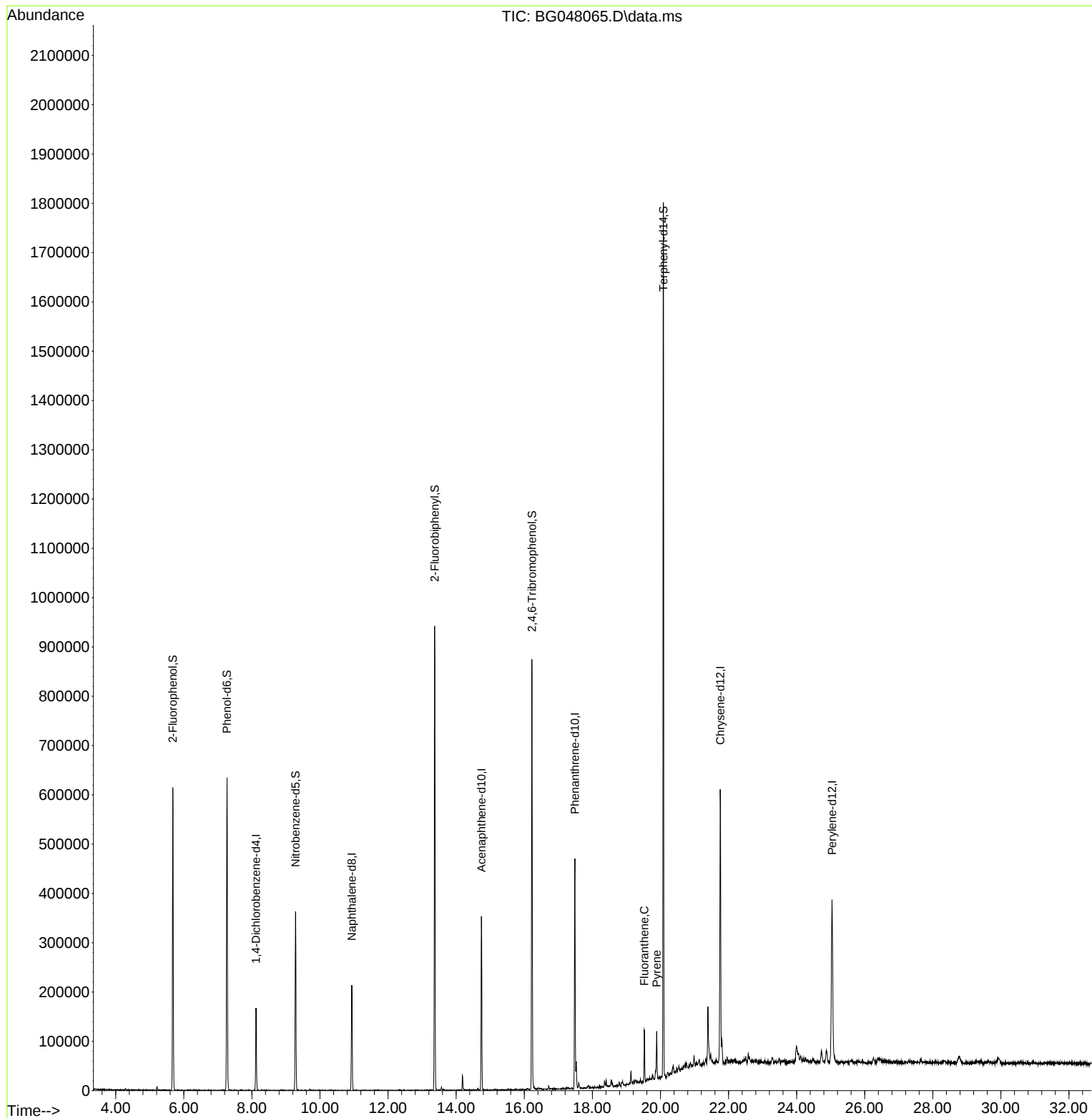
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.121	152	44298	20.00	ng	-0.01
21) Naphthalene-d8	10.935	136	169973	20.00	ng	-0.01
39) Acenaphthene-d10	14.742	164	120441	20.00	ng	-0.01
64) Phenanthrene-d10	17.486	188	299908	20.00	ng	-0.01
76) Chrysene-d12	21.758	240	346127	20.00	ng	#-0.02
86) Perylene-d12	25.042	264	354951	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.677	112	245280	85.10	ng	-0.01
7) Phenol-d6	7.269	99	331399	75.62	ng	-0.01
23) Nitrobenzene-d5	9.284	82	224498	52.26	ng	-0.01
42) 2,4,6-Tribromophenol	16.229	330	169775	84.63	ng	-0.01
45) 2-Fluorobiphenyl	13.368	172	484663	52.03	ng	-0.02
79) Terphenyl-d14	20.083	244	826688	41.41	ng	-0.01
Target Compounds						
75) Fluoranthene	19.525	202	67046	2.96	ng	91
78) Pyrene	19.889	202	59807	2.36	ng	97

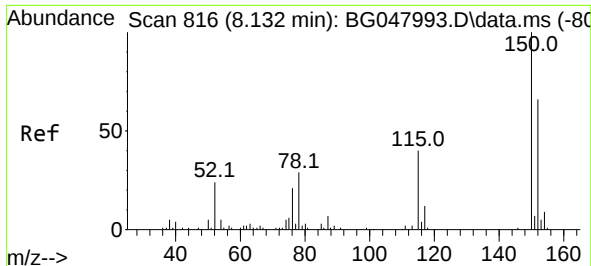
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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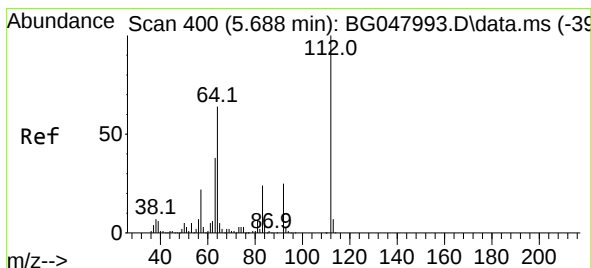
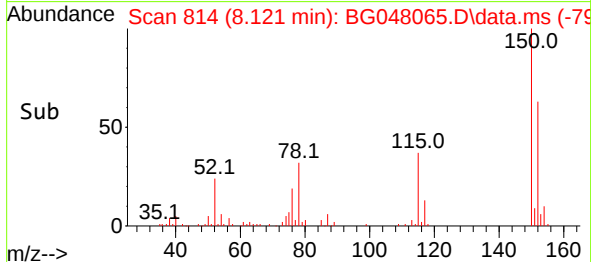
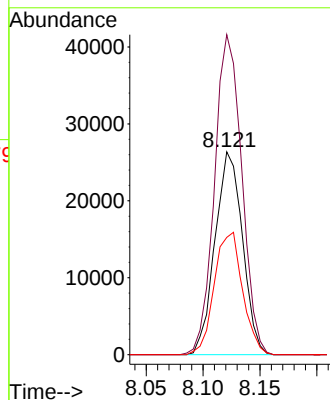
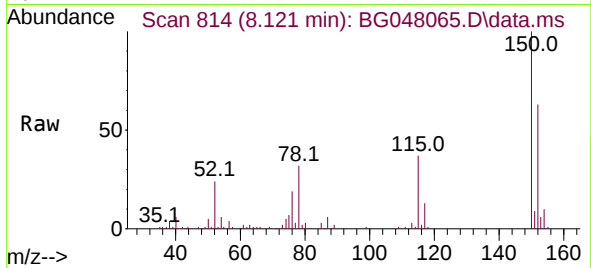




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.121 min Scan# 814
Delta R.T. -0.011 min
Lab File: BG048065.D
Acq: 28 Jan 2021 19:47

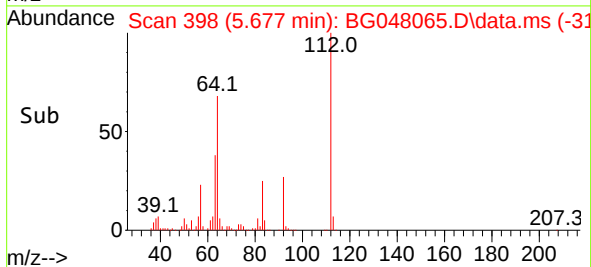
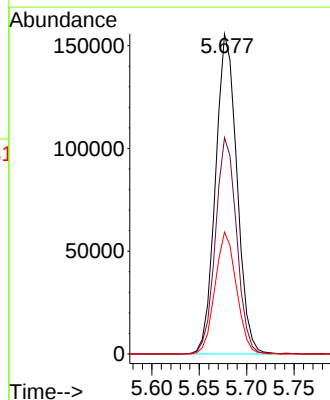
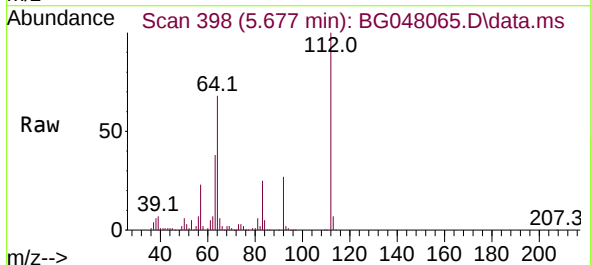
Instrument :
BNA_G
ClientSampled :
VNJ-201

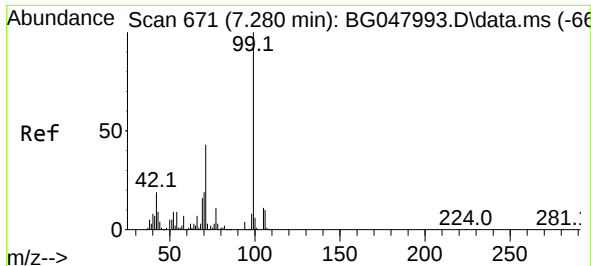
Tgt Ion:152 Resp: 44298
Ion Ratio Lower Upper
152 100
150 157.7 125.0 187.6
115 57.8 41.8 62.6



#5
2-Fluorophenol
Concen: 85.10 ng
RT: 5.677 min Scan# 398
Delta R.T. -0.012 min
Lab File: BG048065.D
Acq: 28 Jan 2021 19:47

Tgt Ion:112 Resp: 245280
Ion Ratio Lower Upper
112 100
64 67.6 46.7 70.1
63 38.1 22.8 34.2#

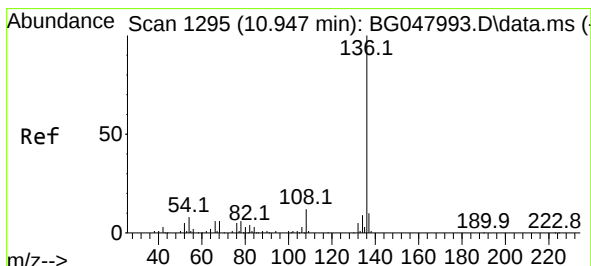
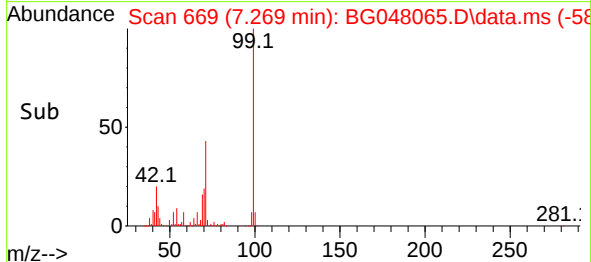
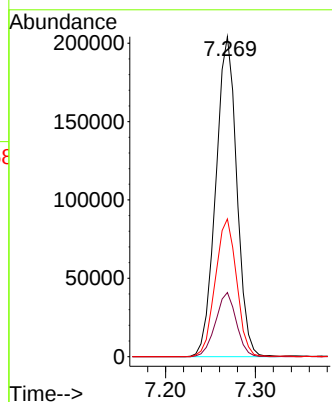
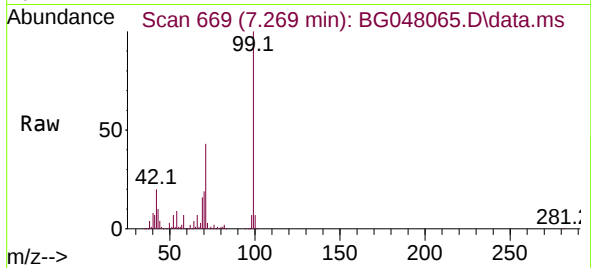




#7
Phenol-d6
Concen: 75.62 ng
RT: 7.269 min Scan# 669
Delta R.T. -0.012 min
Lab File: BG048065.D
Acq: 28 Jan 2021 19:47

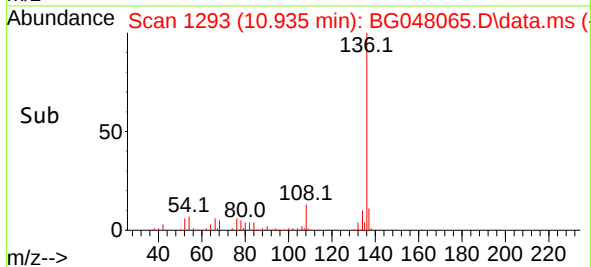
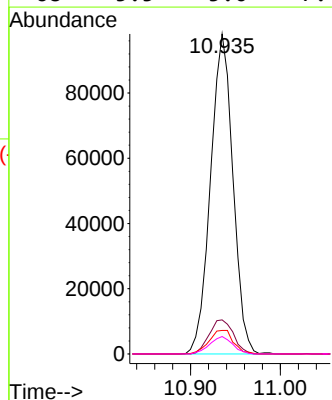
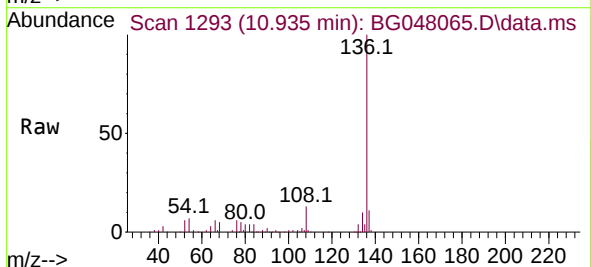
Instrument :
BNA_G
ClientSampleId :
VNJ-201

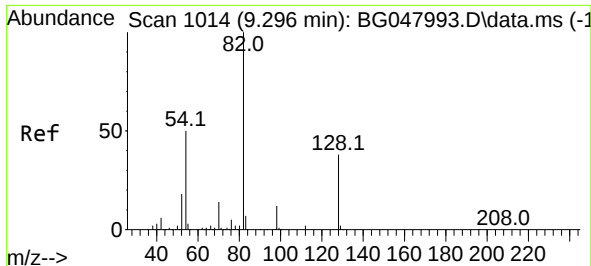
Tgt Ion: 99 Resp: 331399
Ion Ratio Lower Upper
99 100
42 20.1 12.8 19.2#
71 43.0 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.935 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BG048065.D
Acq: 28 Jan 2021 19:47

Tgt Ion: 136 Resp: 169973
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.3 6.2 9.4
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 52.26 ng

RT: 9.284 min Scan# 1012

Delta R.T. -0.012 min

Lab File: BG048065.D

Acq: 28 Jan 2021 19:47

Tgt Ion: 82 Resp: 224498

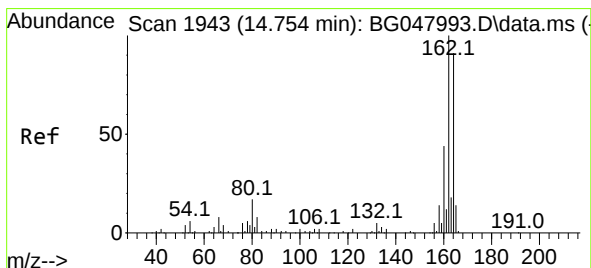
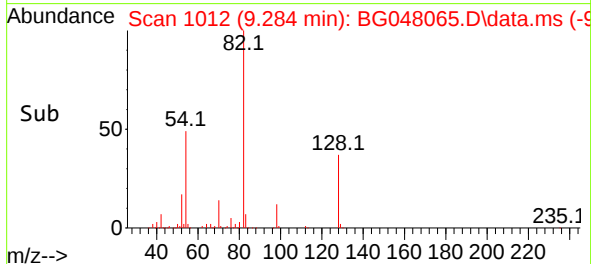
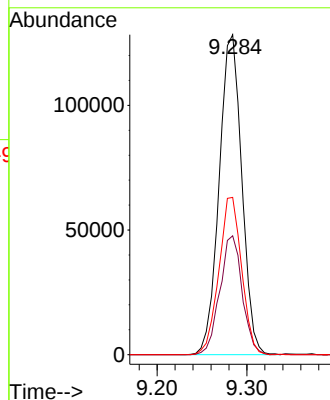
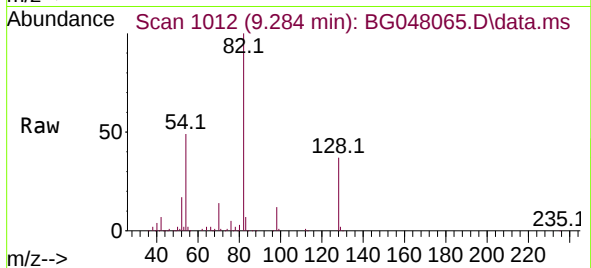
Ion	Ratio	Lower	Upper
82	100		
128	37.2	37.0	55.6
54	49.2	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

VNJ-201



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.742 min Scan# 1941

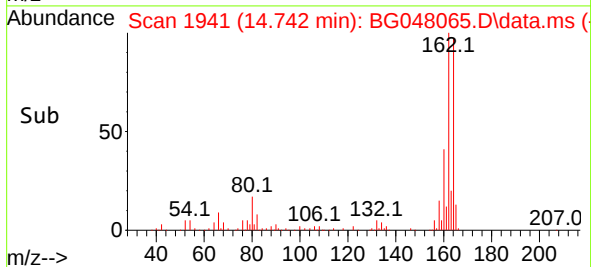
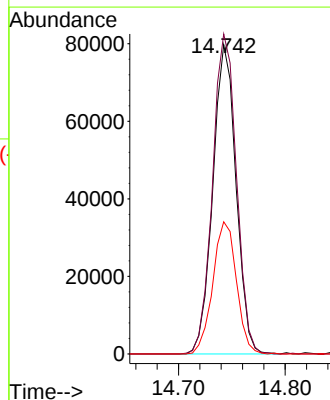
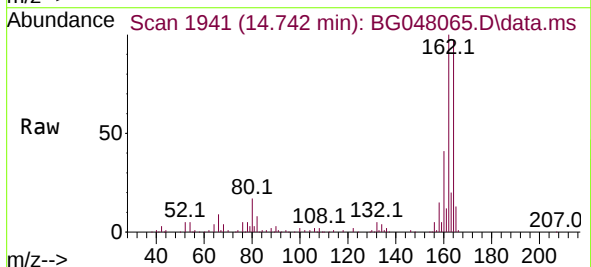
Delta R.T. -0.012 min

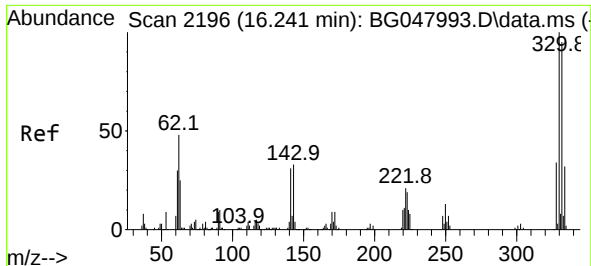
Lab File: BG048065.D

Acq: 28 Jan 2021 19:47

Tgt Ion:164 Resp: 120441

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.3	123.5
160	42.7	35.3	52.9

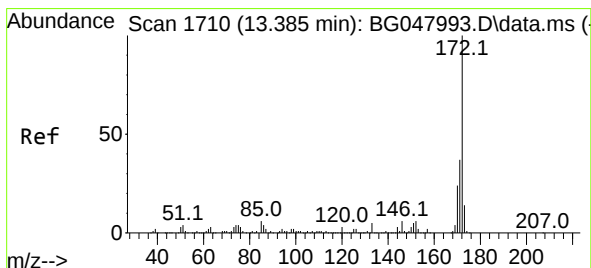
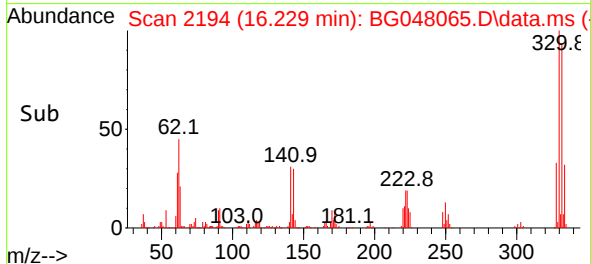
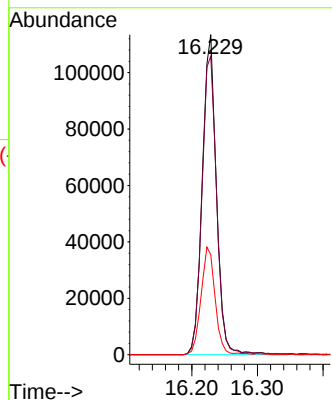
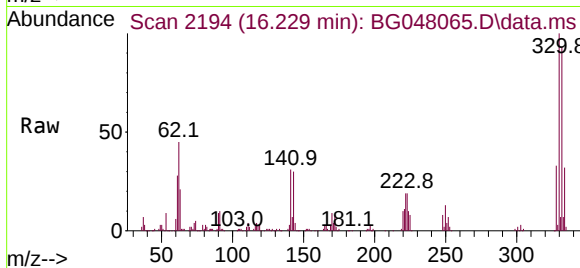




#42
2,4,6-Tribromophenol
Concen: 84.63 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BG048065.D
Acq: 28 Jan 2021 19:47

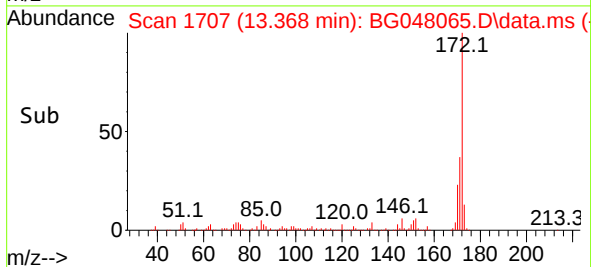
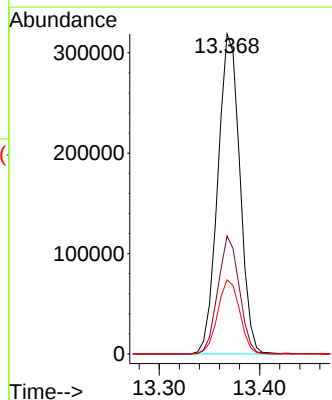
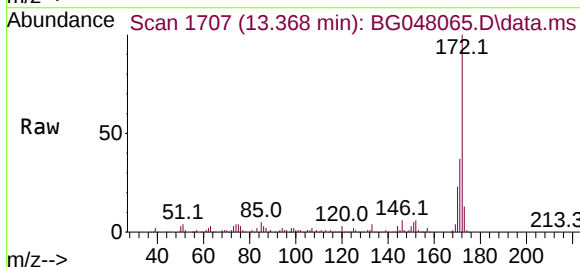
Instrument :
BNA_G
ClientSampleId :
VNJ-201

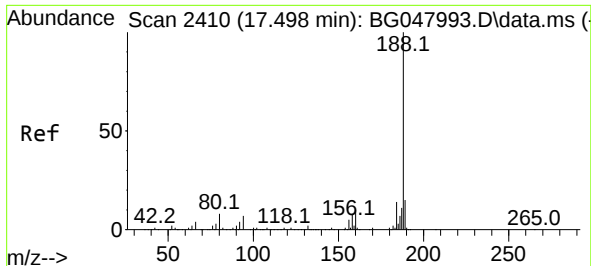
Tgt Ion:330 Resp: 169775
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 33.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 52.03 ng
RT: 13.368 min Scan# 1707
Delta R.T. -0.018 min
Lab File: BG048065.D
Acq: 28 Jan 2021 19:47

Tgt Ion:172 Resp: 484663
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 23.2 20.8 31.2

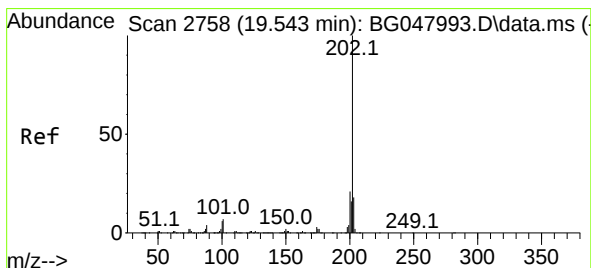
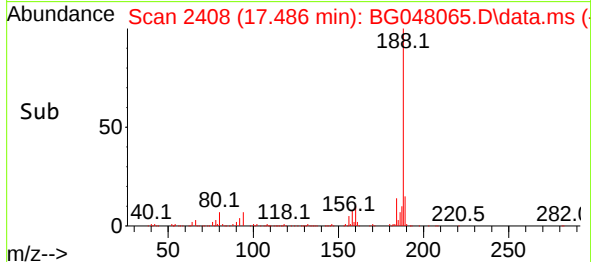
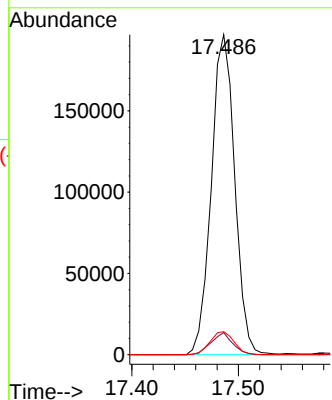
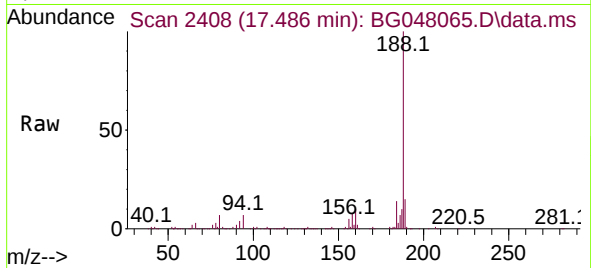




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.486 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BG048065.D
Acq: 28 Jan 2021 19:47

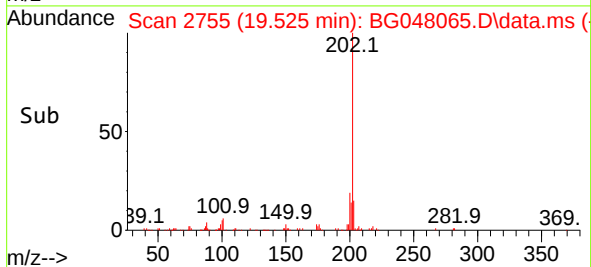
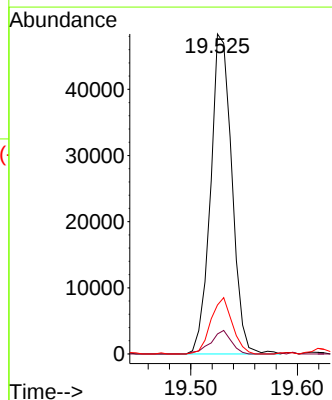
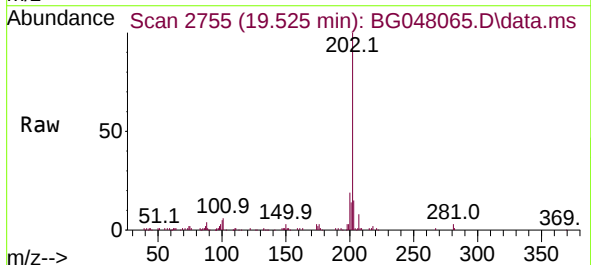
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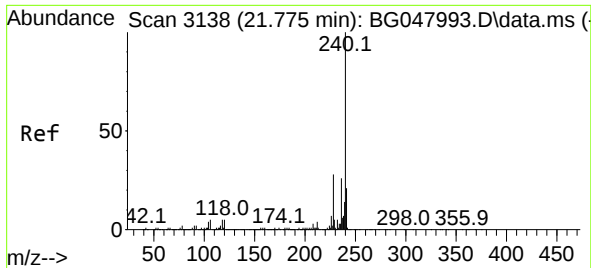
Tgt Ion:188 Resp: 299908
Ion Ratio Lower Upper
188 100
94 6.9 6.3 9.5
80 7.2 7.0 10.6



#75
Fluoranthene
Concen: 2.96 ng
RT: 19.525 min Scan# 2755
Delta R.T. -0.018 min
Lab File: BG048065.D
Acq: 28 Jan 2021 19:47

Tgt Ion:202 Resp: 67046
Ion Ratio Lower Upper
202 100
101 6.2 0.0 29.7
203 15.3 0.0 39.2

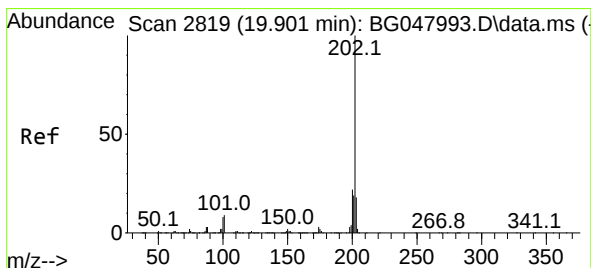
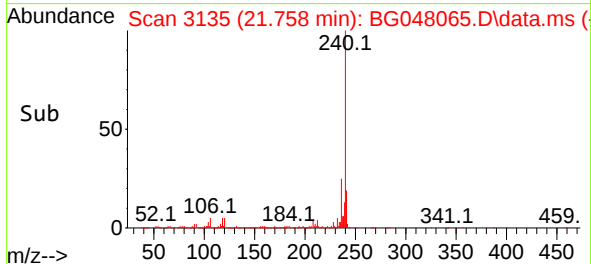
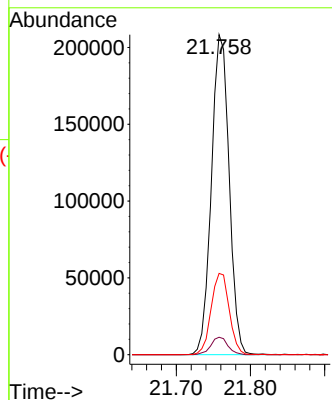
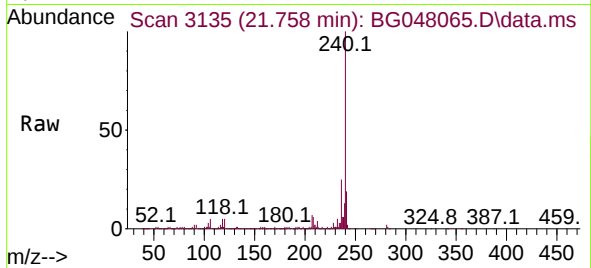




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.758 min Scan# 3135
Delta R.T. -0.018 min
Lab File: BG048065.D
Acq: 28 Jan 2021 19:47

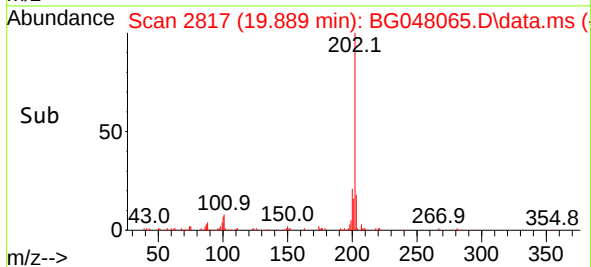
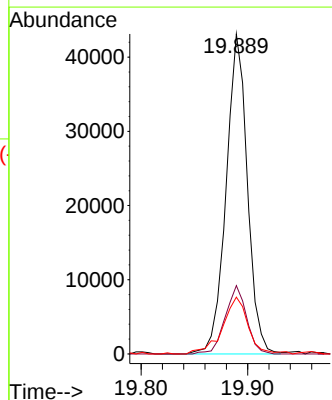
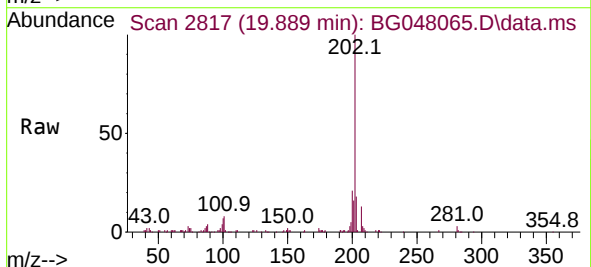
Instrument :
BNA_G
ClientSampled :
VNJ-201

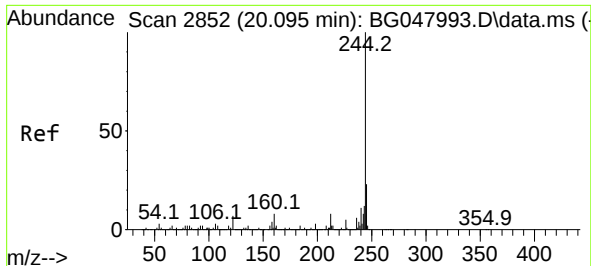
Tgt Ion:240 Resp: 346127
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 25.4 20.5 30.7



#78
Pyrene
Concen: 2.36 ng
RT: 19.889 min Scan# 2817
Delta R.T. -0.012 min
Lab File: BG048065.D
Acq: 28 Jan 2021 19:47

Tgt Ion:202 Resp: 59807
Ion Ratio Lower Upper
202 100
200 21.4 18.6 27.8
203 17.8 15.3 22.9

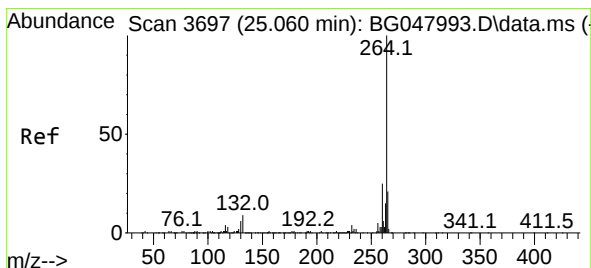
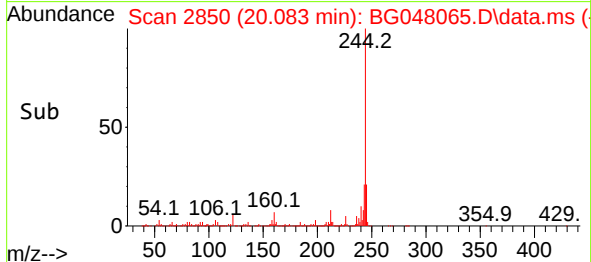
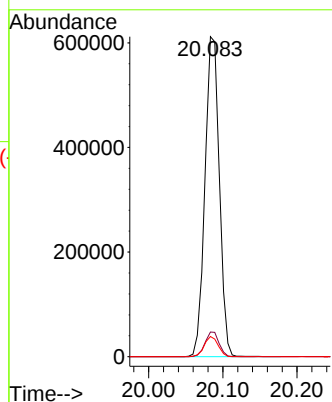
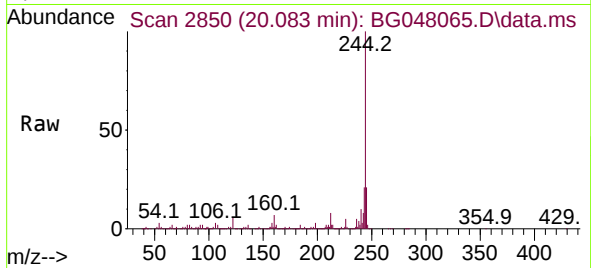




#79
 Terphenyl-d14
 Concen: 41.41 ng
 RT: 20.083 min Scan# 2850
 Delta R.T. -0.012 min
 Lab File: BG048065.D
 Acq: 28 Jan 2021 19:47

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-201

Tgt Ion:244 Resp: 826688
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.7 10.1
 122 6.3 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.042 min Scan# 3694
 Delta R.T. -0.018 min
 Lab File: BG048065.D
 Acq: 28 Jan 2021 19:47

Tgt Ion:264 Resp: 354951
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.8 28.2
 265 20.4 17.8 26.8

