

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
 Data File : BG052540.D
 Acq On : 2 Mar 2022 17:05
 Operator : CG/JU
 Sample : N1713-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-235

Quant Time: Mar 03 02:26:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

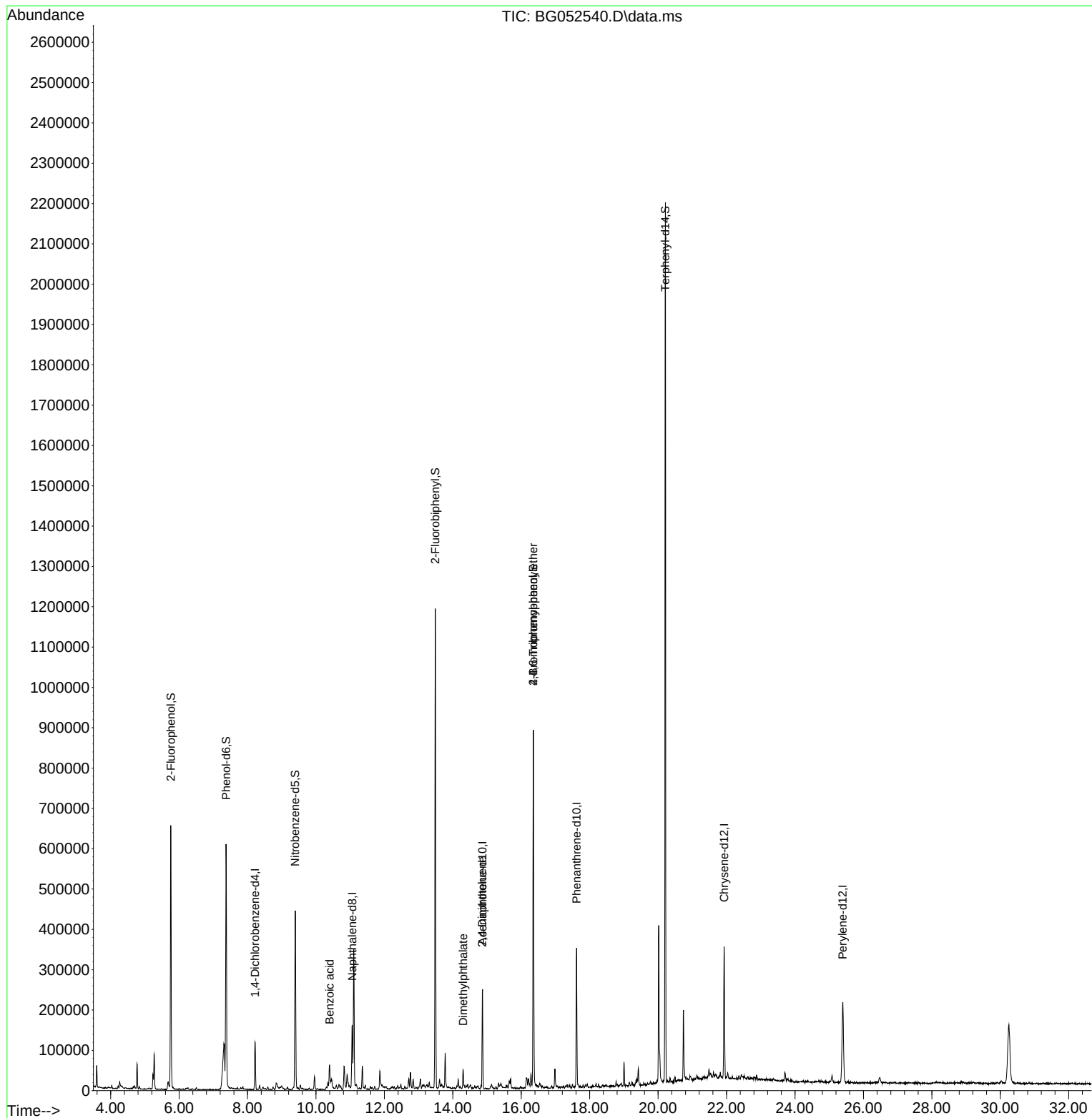
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	36035	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	139608	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	88507	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	206253	20.000	ng	0.00
76) Chrysene-d12	21.928	240	217786	20.000	ng	-0.01
86) Perylene-d12	25.394	264	230003	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	282242	136.509	ng	0.00
7) Phenol-d6	7.371	99	351287	110.116	ng	0.00
23) Nitrobenzene-d5	9.392	82	291015	90.595	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	193078	151.845	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	626679	98.387	ng	0.00
79) Terphenyl-d14	20.213	244	1147038	93.005	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.403	122	849	6.578	ng	# 80
50) Dimethylphthalate	14.303	163	29044	4.284	ng	97
57) 2,4-Dinitrotoluene	14.861	165	12096	5.809	ng	# 15
67) 4-Bromophenyl-phenylether	16.353	248	12694	5.061	ng	# 1

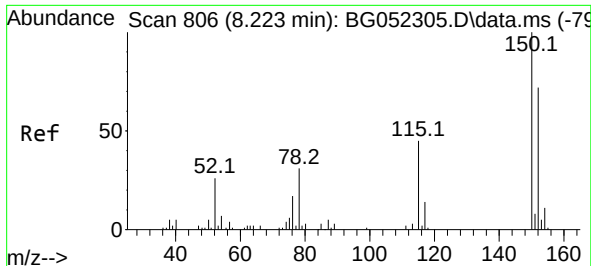
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 03 02:26:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

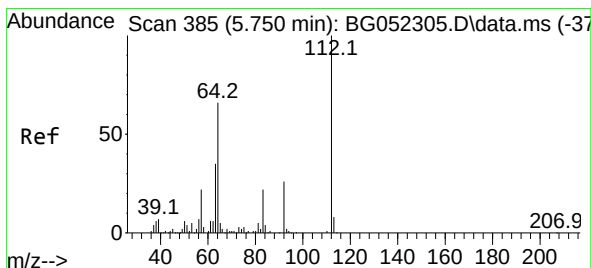
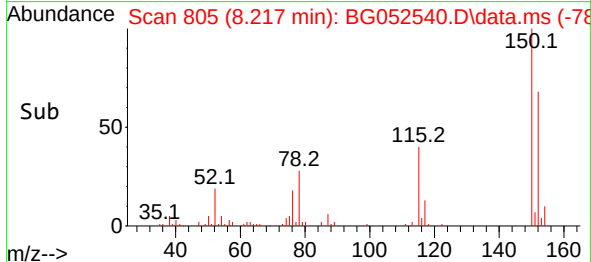
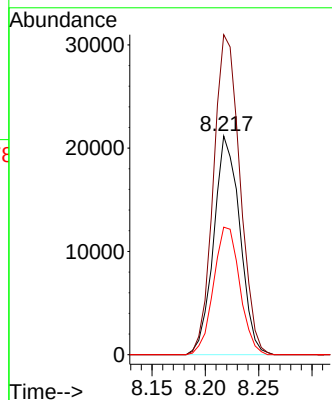
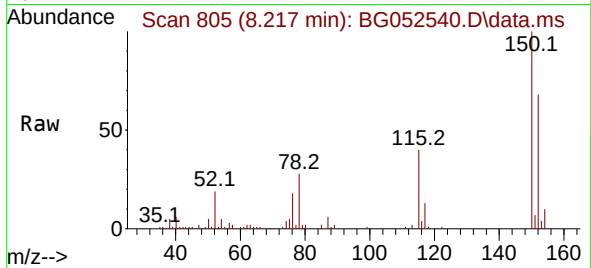




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG052540.D
Acq: 2 Mar 2022 17:05

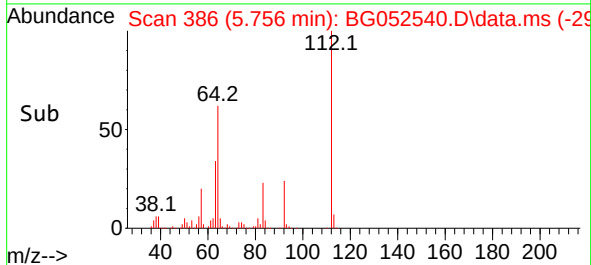
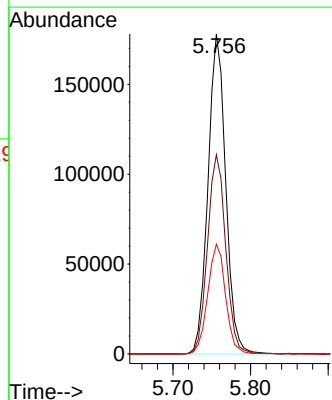
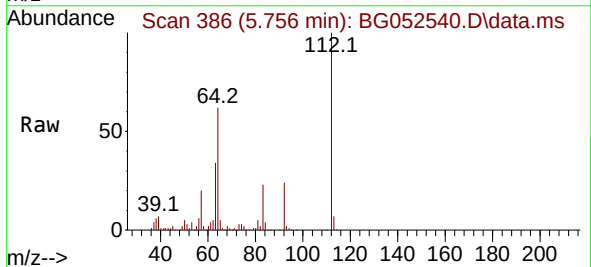
Instrument :
BNA_G
ClientSampleId :
VNJ-235

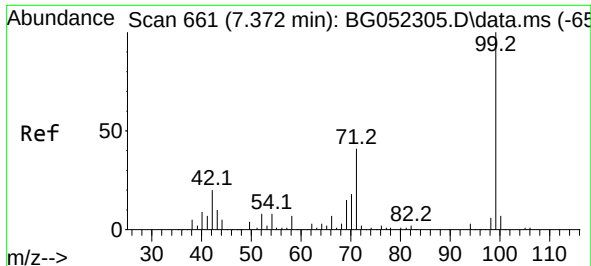
Tgt Ion:152 Resp: 36035
Ion Ratio Lower Upper
152 100
150 146.3 117.8 176.8
115 58.3 50.2 75.2



#5
2-Fluorophenol
Concen: 136.509 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052540.D
Acq: 2 Mar 2022 17:05

Tgt Ion:112 Resp: 282242
Ion Ratio Lower Upper
112 100
64 62.2 60.4 90.6
63 34.3 33.3 49.9

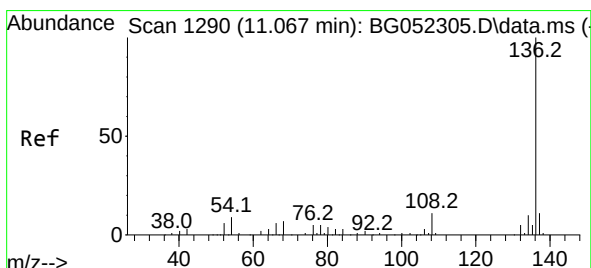
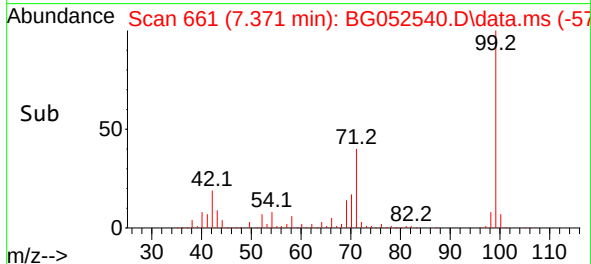
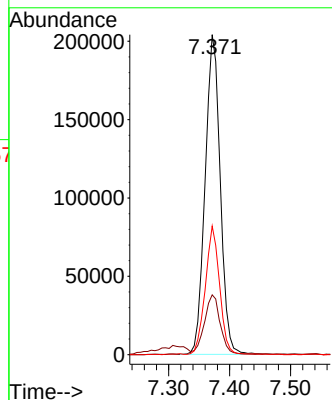
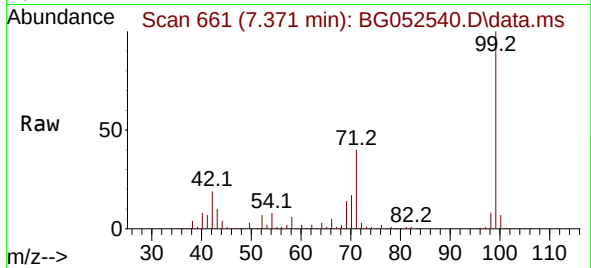




#7
Phenol-d6
Concen: 110.116 ng
RT: 7.371 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG052540.D
Acq: 2 Mar 2022 17:05

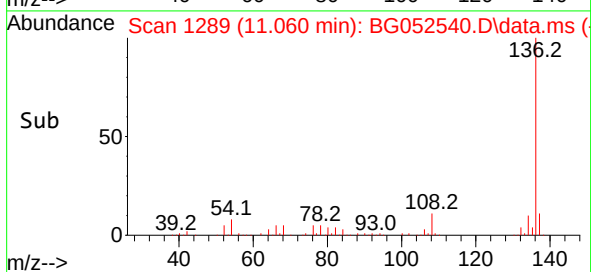
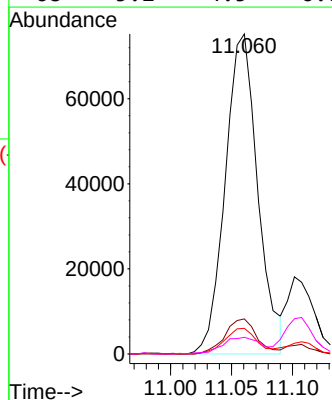
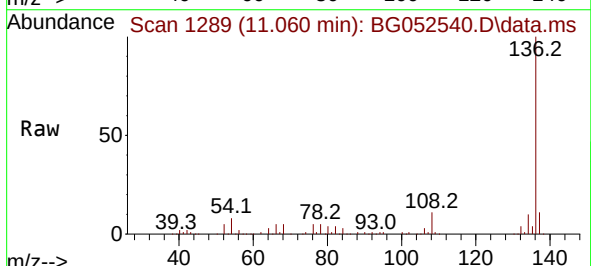
Instrument :
BNA_G
ClientSampleId :
VNJ-235

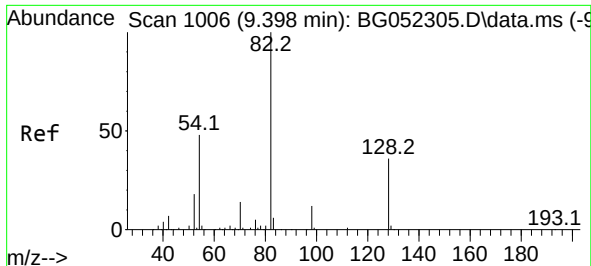
Tgt Ion: 99 Resp: 351287
Ion Ratio Lower Upper
99 100
42 18.7 19.1 28.7#
71 40.2 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1289
Delta R.T. -0.007 min
Lab File: BG052540.D
Acq: 2 Mar 2022 17:05

Tgt Ion: 136 Resp: 139608
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 8.0 8.3 12.5#
68 5.2 4.5 6.7

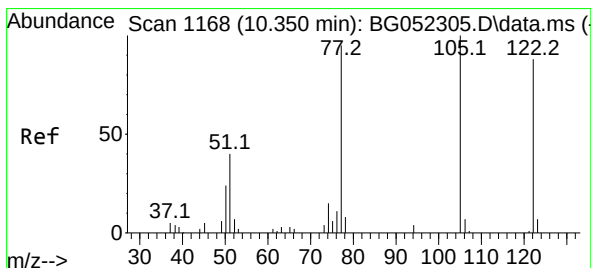
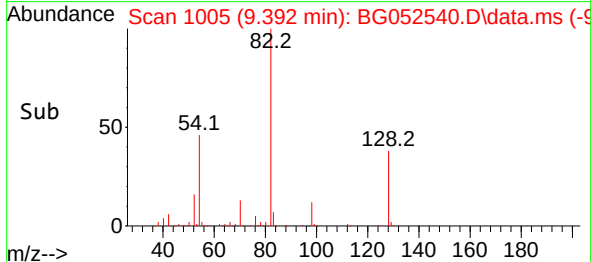
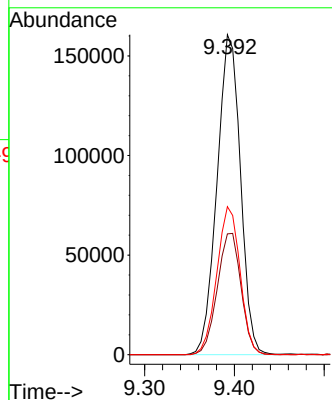
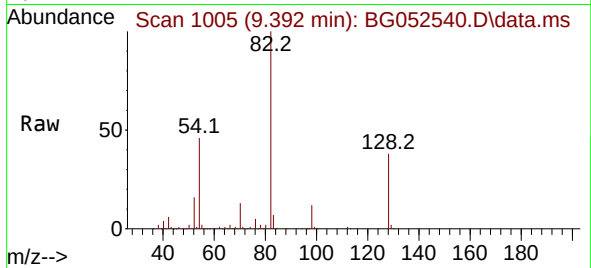




#23
Nitrobenzene-d5
Concen: 90.595 ng
RT: 9.392 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BG052540.D
Acq: 2 Mar 2022 17:05

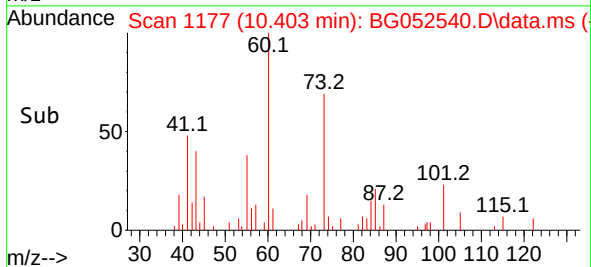
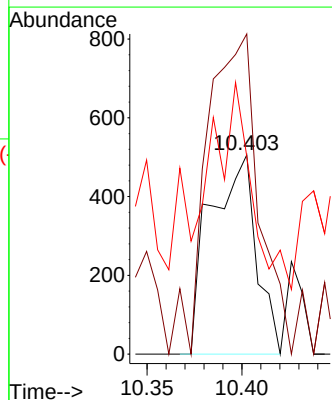
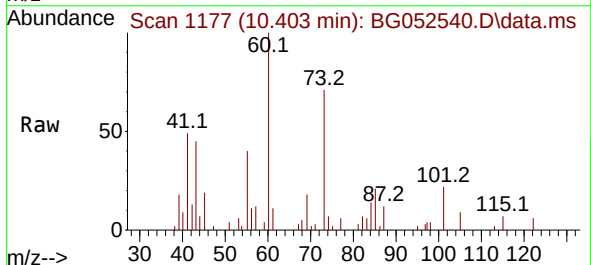
Instrument :
BNA_G
ClientSampleId :
VNJ-235

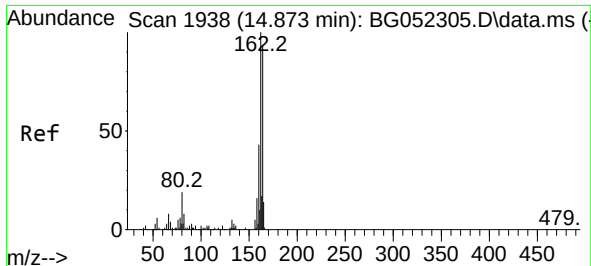
Tgt Ion: 82 Resp: 291015
Ion Ratio Lower Upper
82 100
128 37.8 27.0 40.4
54 46.3 41.0 61.6



#32
Benzoic acid
Concen: 6.578 ng
RT: 10.403 min Scan# 1177
Delta R.T. 0.053 min
Lab File: BG052540.D
Acq: 2 Mar 2022 17:05

Tgt Ion:122 Resp: 849
Ion Ratio Lower Upper
122 100
105 160.7 109.2 149.2#
77 99.2 92.8 132.8

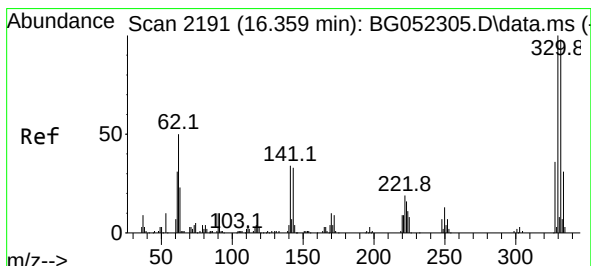
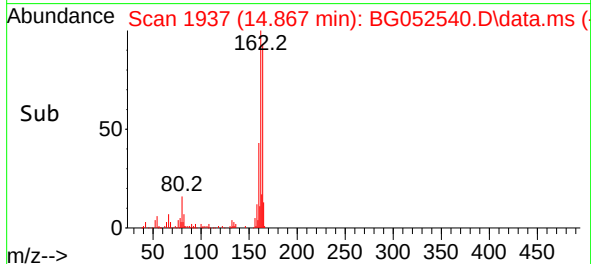
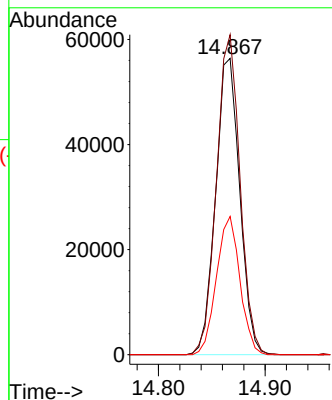
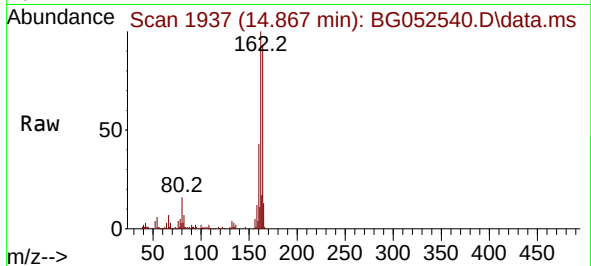




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG052540.D
Acq: 2 Mar 2022 17:05

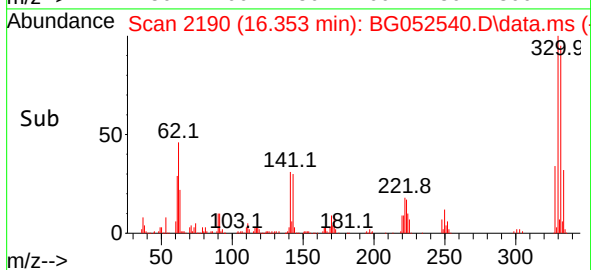
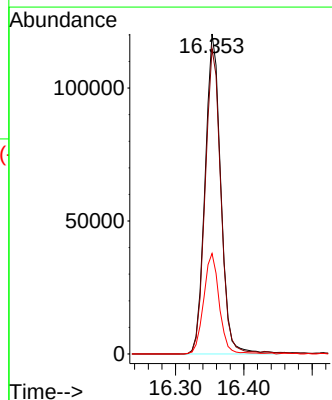
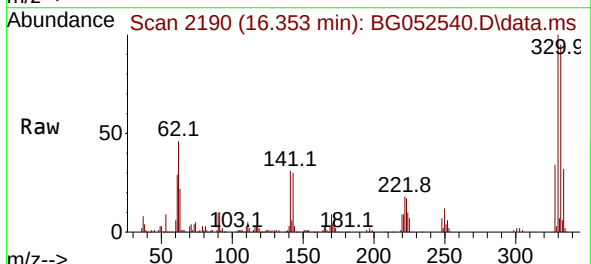
Instrument :
BNA_G
ClientSampleId :
VNJ-235

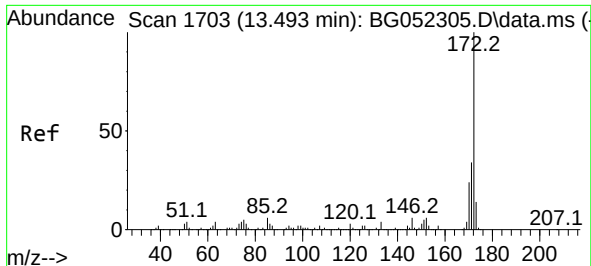
Tgt Ion:164 Resp: 88507
Ion Ratio Lower Upper
164 100
162 108.0 82.2 123.2
160 46.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 151.845 ng
RT: 16.353 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG052540.D
Acq: 2 Mar 2022 17:05

Tgt Ion:330 Resp: 193078
Ion Ratio Lower Upper
330 100
332 94.8 78.6 117.8
141 31.1 28.8 43.2

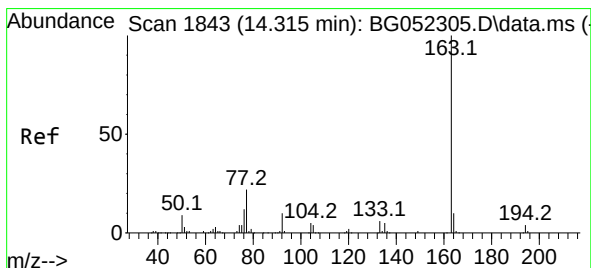
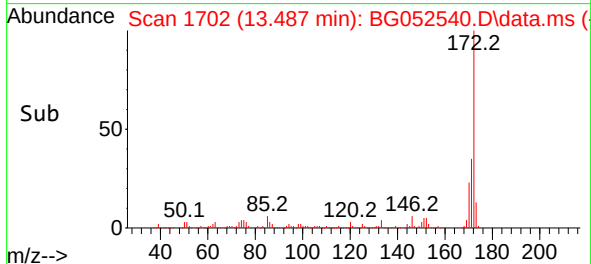
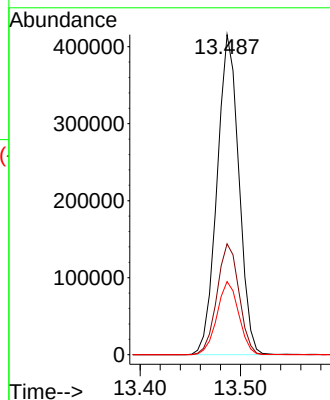
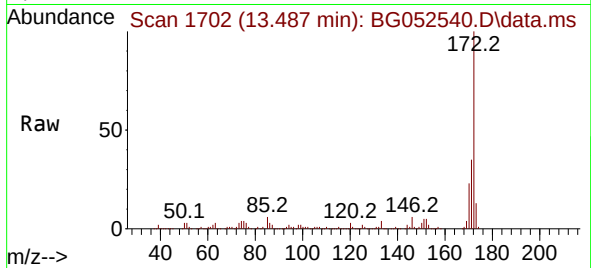




#45
2-Fluorobiphenyl
Concen: 98.387 ng
RT: 13.487 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052540.D
Acq: 2 Mar 2022 17:05

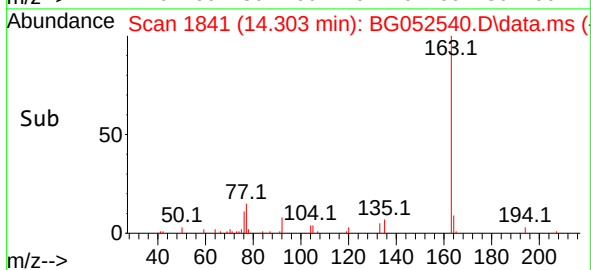
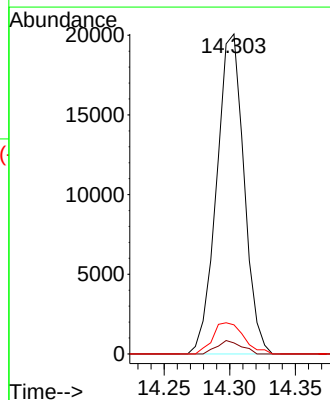
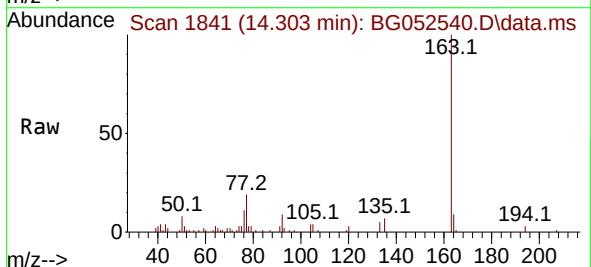
Instrument :
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ClientSampleId :
VNJ-235

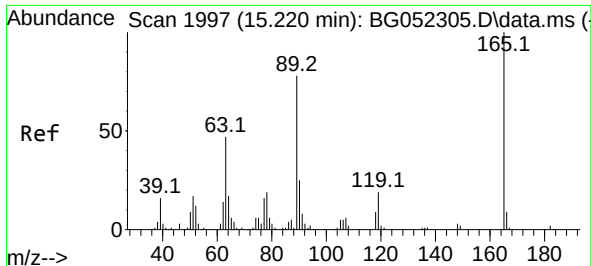
Tgt Ion:172 Resp: 626679
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 22.8 18.3 27.5



#50
Dimethylphthalate
Concen: 4.284 ng
RT: 14.303 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BG052540.D
Acq: 2 Mar 2022 17:05

Tgt Ion:163 Resp: 29044
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.2
164 9.1 8.4 12.6





#57

2,4-Dinitrotoluene

Concen: 5.809 ng

RT: 14.861 min Scan# 1997

Delta R.T. -0.359 min

Lab File: BG052540.D

Acq: 2 Mar 2022 17:05

Instrument :

BNA_G

ClientSampleId :

VNJ-235

Tgt Ion:165 Resp: 12096

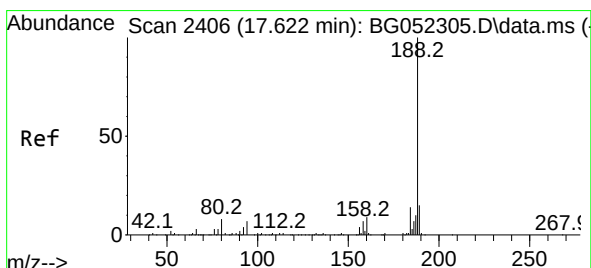
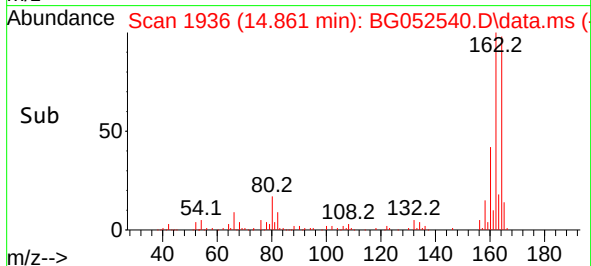
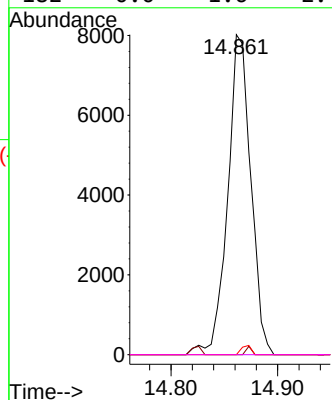
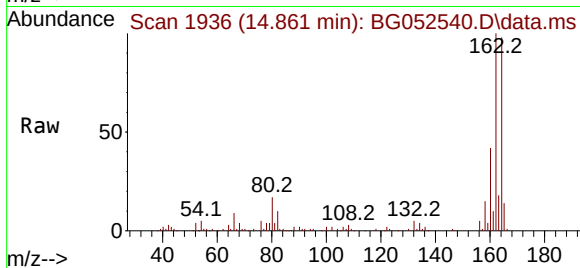
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 0.0 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.616 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BG052540.D

Acq: 2 Mar 2022 17:05

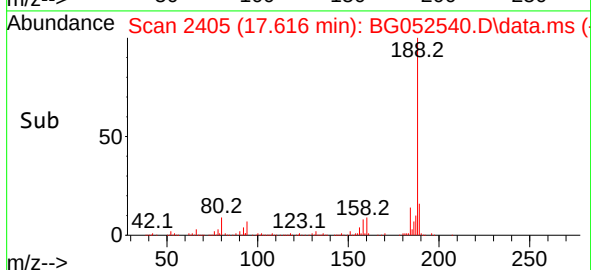
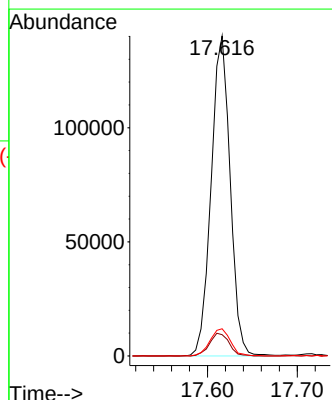
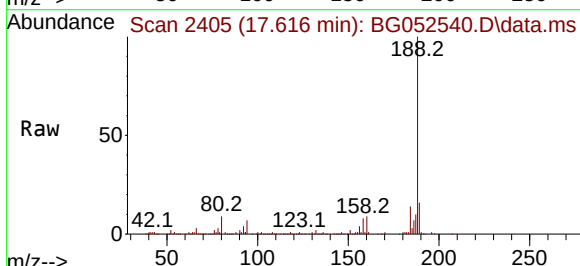
Tgt Ion:188 Resp: 206253

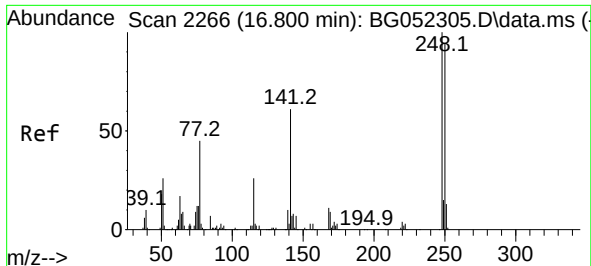
Ion Ratio Lower Upper

188 100

94 6.6 5.9 8.9

80 8.5 6.6 10.0

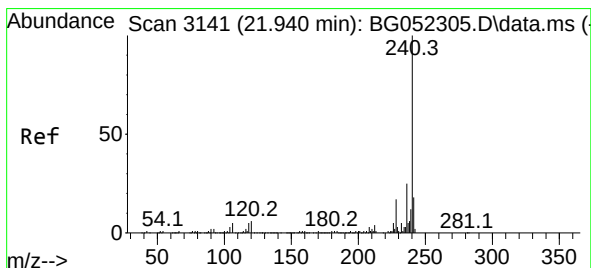
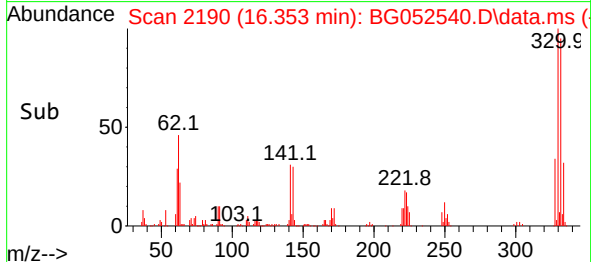
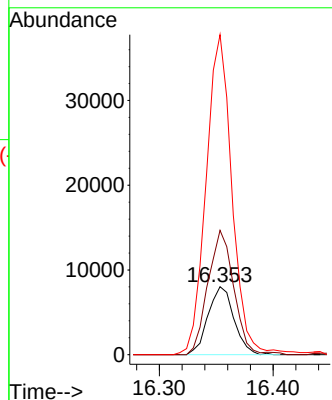
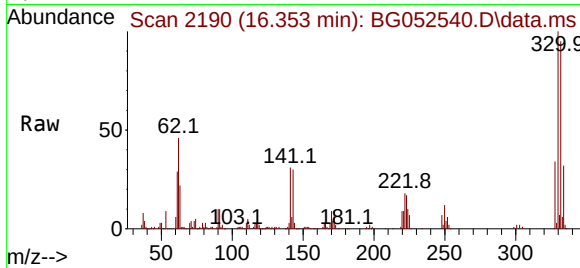




#67
4-Bromophenyl-phenylether
Concen: 5.061 ng
RT: 16.353 min Scan# 2119
Delta R.T. -0.447 min
Lab File: BG052540.D
Acq: 2 Mar 2022 17:05

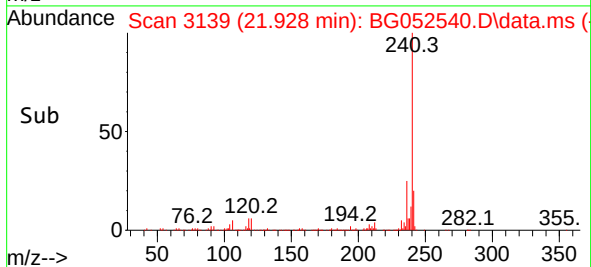
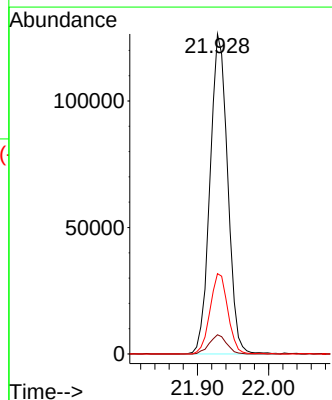
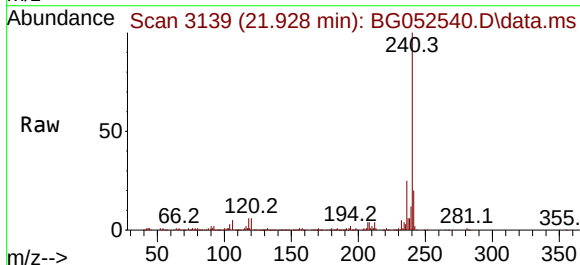
Instrument :
BNA_G
ClientSampleId :
VNJ-235

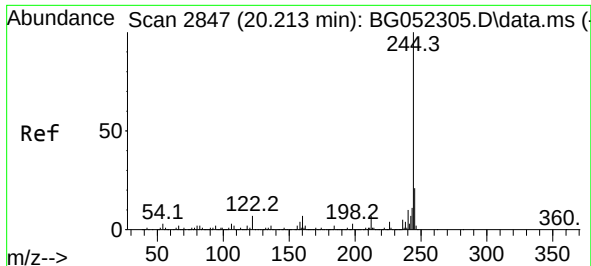
Tgt Ion:248 Resp: 12694
Ion Ratio Lower Upper
248 100
250 183.0 79.6 119.4#
141 471.0 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG052540.D
Acq: 2 Mar 2022 17:05

Tgt Ion:240 Resp: 217786
Ion Ratio Lower Upper
240 100
120 6.0 4.4 6.6
236 25.1 20.8 31.2

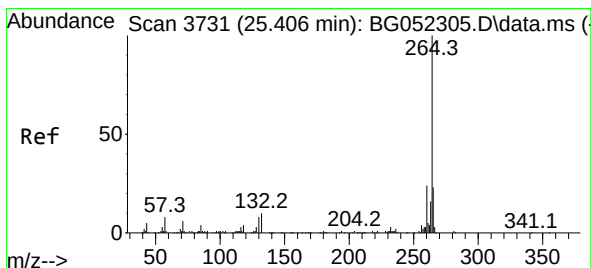
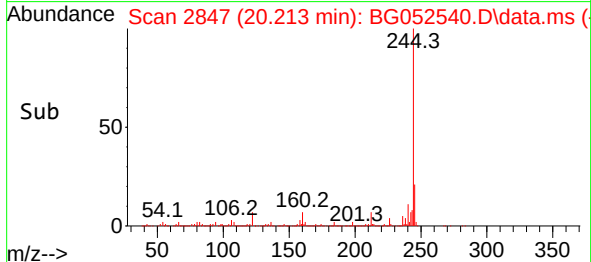
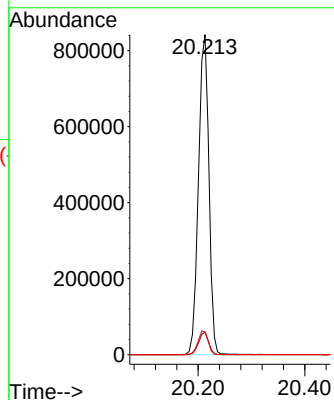
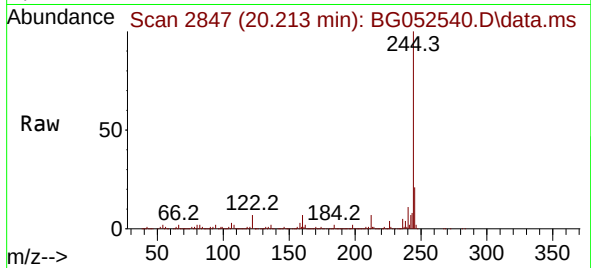




#79
 Terphenyl-d14
 Concen: 93.005 ng
 RT: 20.213 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG052540.D
 Acq: 2 Mar 2022 17:05

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-235

Tgt Ion:244 Resp: 1147038
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 7.1 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.394 min Scan# 3729
 Delta R.T. -0.012 min
 Lab File: BG052540.D
 Acq: 2 Mar 2022 17:05

Tgt Ion:264 Resp: 230003
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 20.3 17.8 26.6

