

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
 Data File : BG049875.D
 Acq On : 17 Aug 2021 13:05
 Operator : CG/JU
 Sample : M3403-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-213

Quant Time: Aug 17 13:49:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

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

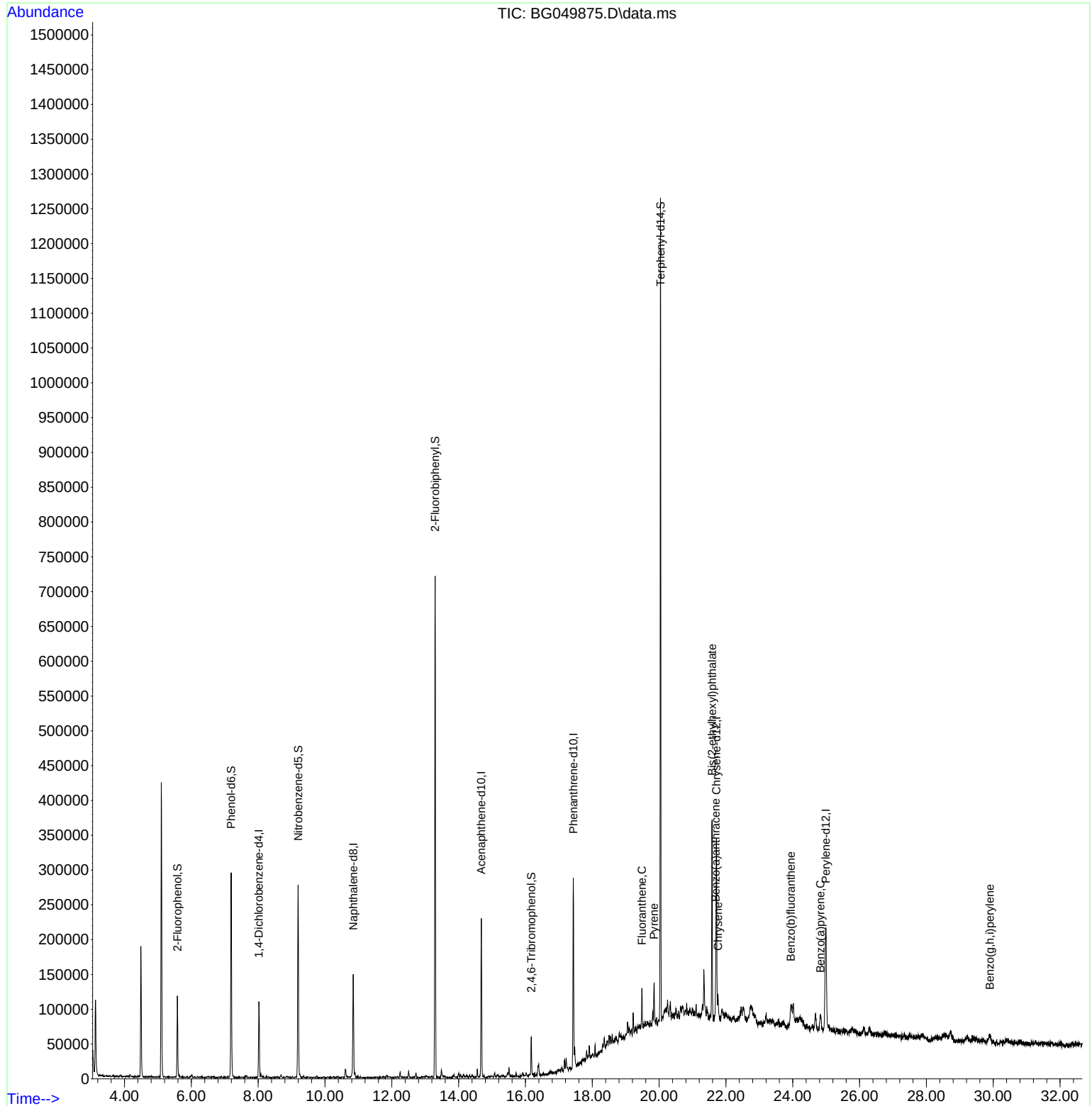
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.021	152	28815	20.000	ng	0.00
21) Naphthalene-d8	10.847	136	121871	20.000	ng	# 0.00
39) Acenaphthene-d10	14.677	164	83208	20.000	ng	0.00
64) Phenanthrene-d10	17.432	188	167074	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	146784	20.000	ng	0.00
86) Perylene-d12	24.986	264	159121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.583	112	45617	28.379	ng	0.00
7) Phenol-d6	7.193	99	160439	65.936	ng	0.00
23) Nitrobenzene-d5	9.196	82	168524	61.191	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	10564	8.637	ng	0.00
45) 2-Fluorobiphenyl	13.296	172	361748	63.260	ng	0.00
79) Terphenyl-d14	20.040	244	514915	63.712	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.488	202	35557	3.287	ng	93
78) Pyrene	19.846	202	38852	3.882	ng	98
81) Benzo(a)anthracene	21.697	228	24115	2.523	ng	99
83) Chrysene	21.761	228	26465	2.896	ng	95
84) Bis(2-ethylhexyl)phtha...	21.585	149	115440	21.399	ng	95
88) Benzo(b)fluoranthene	23.941	252	34589	3.314	ng	# 96
90) Benzo(a)pyrene	24.828	252	26073	2.761	ng	# 93
92) Benzo(g,h,i)perylene	29.897	276	23498	2.480	ng	# 87

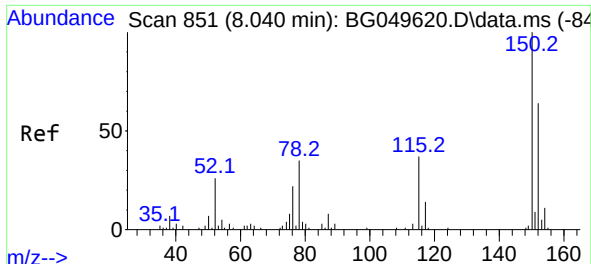
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
Data File : BG049875.D
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BNA_G
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:23:02 2021
Response via : Initial Calibration

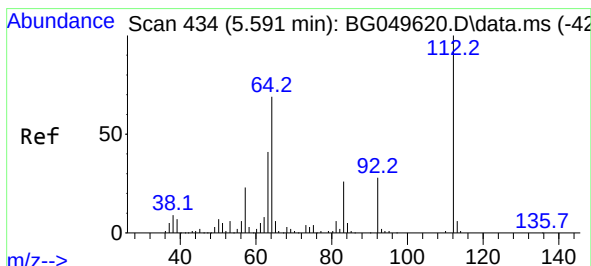
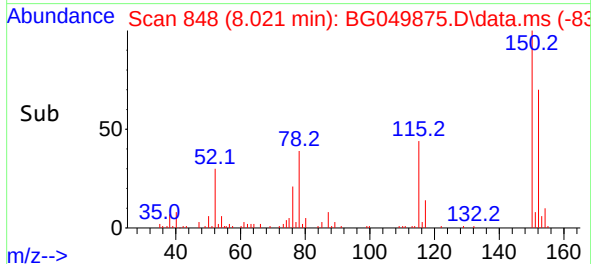
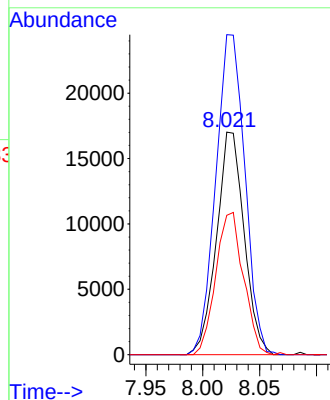
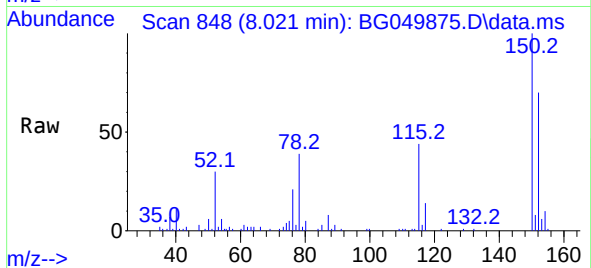




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.021 min Scan# 848
Delta R.T. -0.007 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

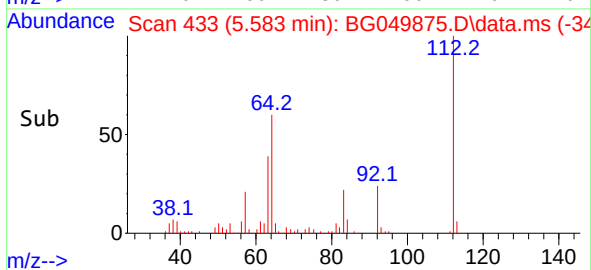
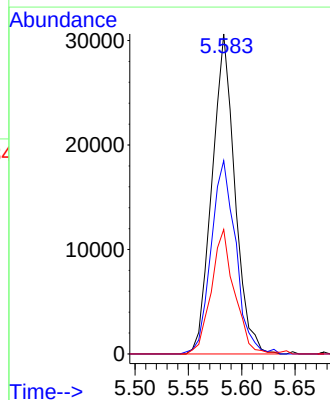
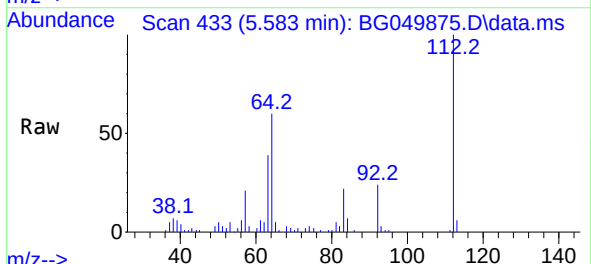
Instrument :
BNA_G
ClientSampleId :
VNJ-213

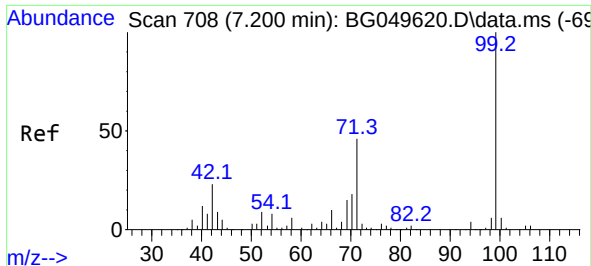
Tgt Ion:152 Resp: 28815
Ion Ratio Lower Upper
152 100
150 143.8 119.4 179.0
115 62.6 60.2 90.4



#5
2-Fluorophenol
Concen: 28.379 ng
RT: 5.583 min Scan# 433
Delta R.T. 0.005 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

Tgt Ion:112 Resp: 45617
Ion Ratio Lower Upper
112 100
64 60.4 46.7 70.1
63 38.9 35.3 52.9

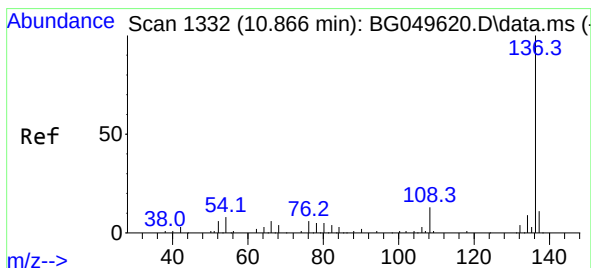
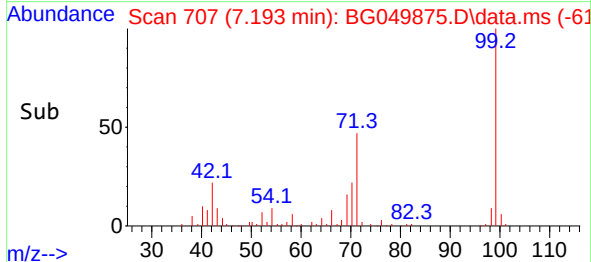
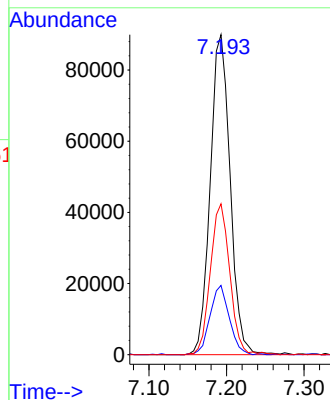
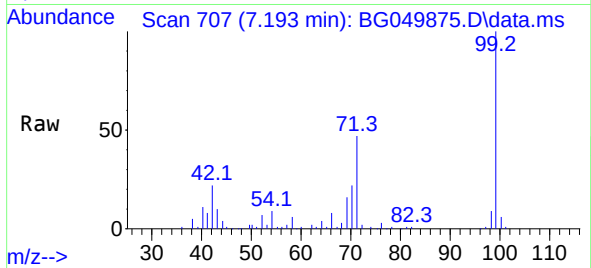




#7
Phenol-d6
Concen: 65.936 ng
RT: 7.193 min Scan# 707
Delta R.T. -0.001 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

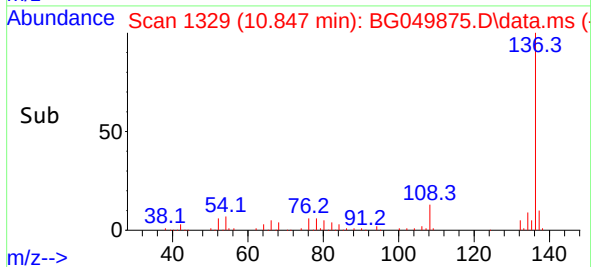
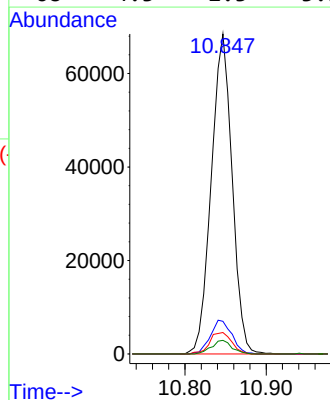
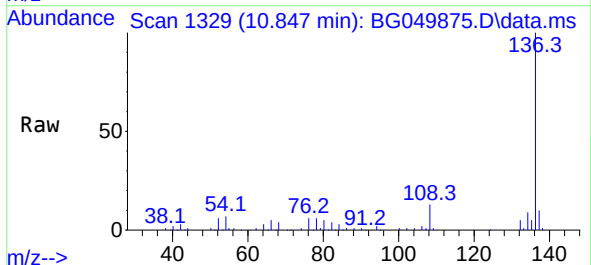
Instrument :
BNA_G
ClientSampleId :
VNJ-213

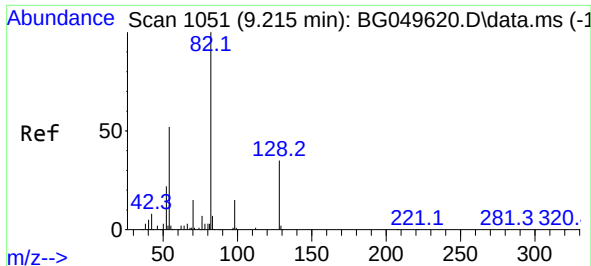
Tgt Ion: 99 Resp: 160439
Ion Ratio Lower Upper
99 100
42 21.7 20.5 30.7
71 47.1 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.847 min Scan# 1329
Delta R.T. -0.001 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

Tgt Ion: 136 Resp: 121871
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.2
54 6.7 5.5 8.3
68 4.3 2.3 3.5#

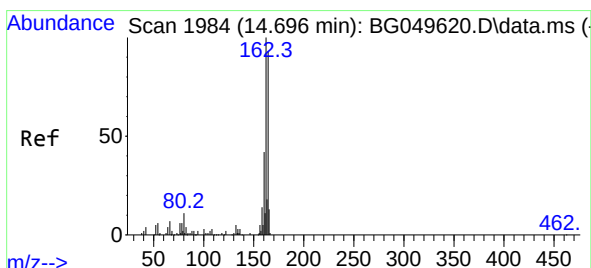
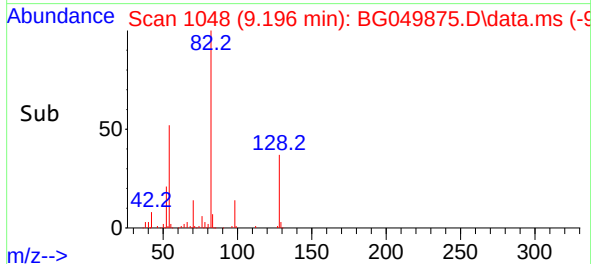
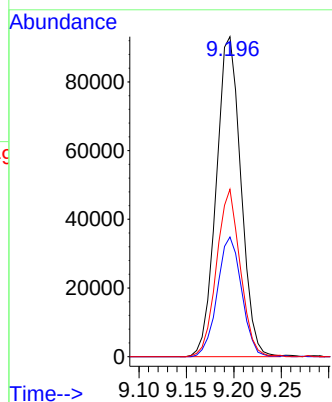
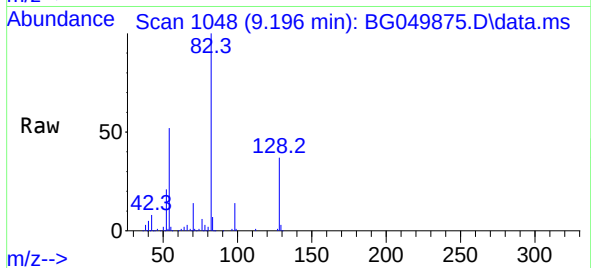




#23
Nitrobenzene-d5
Concen: 61.191 ng
RT: 9.196 min Scan# 1048
Delta R.T. -0.001 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

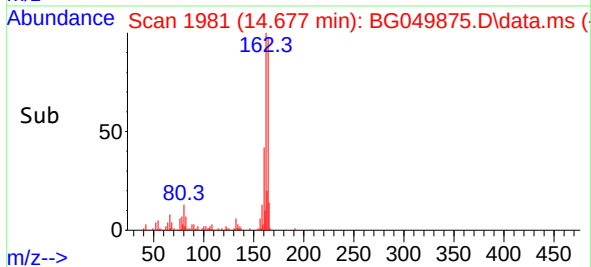
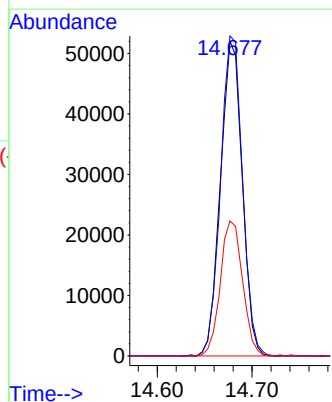
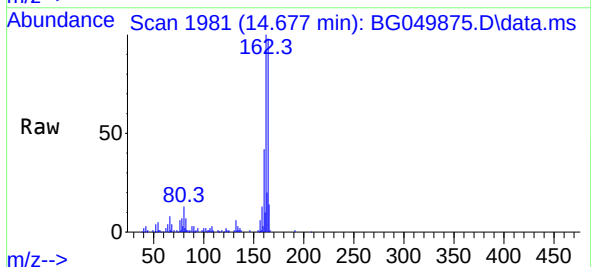
Instrument :
BNA_G
ClientSampleId :
VNJ-213

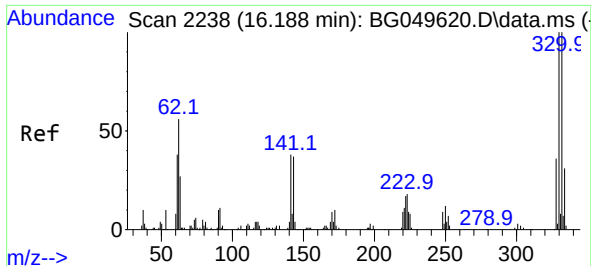
Tgt Ion: 82 Resp: 168524
Ion Ratio Lower Upper
82 100
128 37.4 29.8 44.6
54 52.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.677 min Scan# 1981
Delta R.T. -0.007 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

Tgt Ion:164 Resp: 83208
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 42.9 34.9 52.3

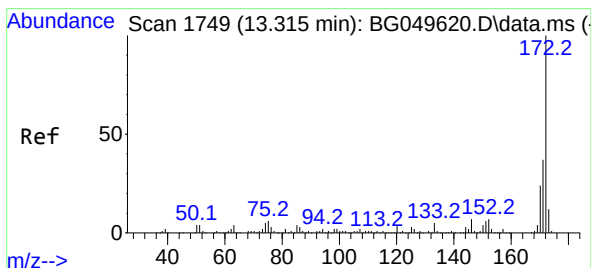
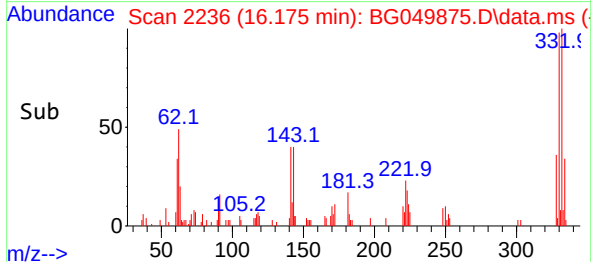
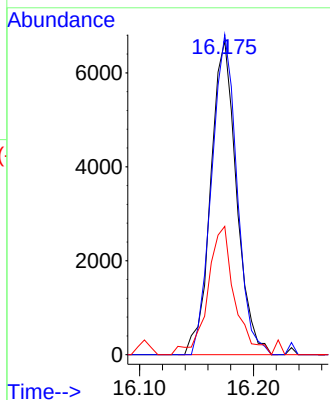
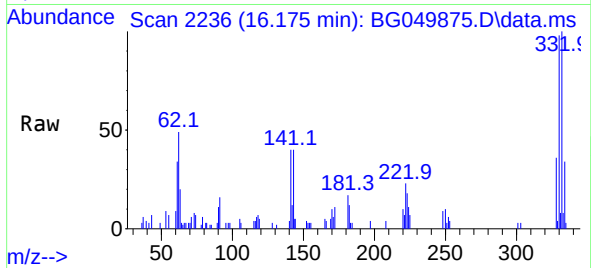




#42
2,4,6-Tribromophenol
Concen: 8.637 ng
RT: 16.175 min Scan# 2236
Delta R.T. -0.001 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

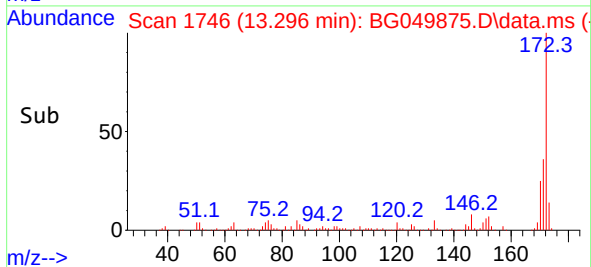
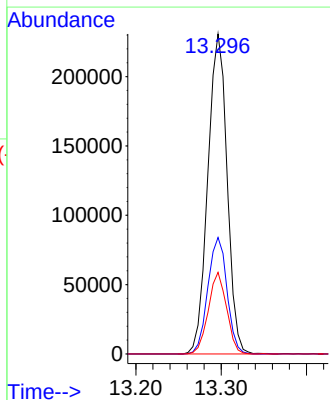
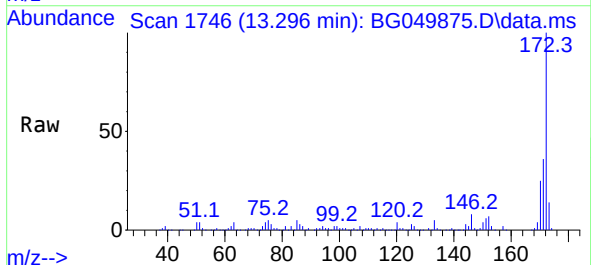
Instrument :
BNA_G
ClientSampleId :
VNJ-213

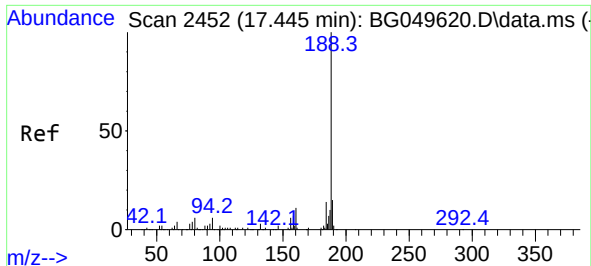
Tgt Ion:330 Resp: 10564
Ion Ratio Lower Upper
330 100
332 99.7 77.3 115.9
141 42.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 63.260 ng
RT: 13.296 min Scan# 1746
Delta R.T. -0.007 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

Tgt Ion:172 Resp: 361748
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 25.5 18.6 27.8

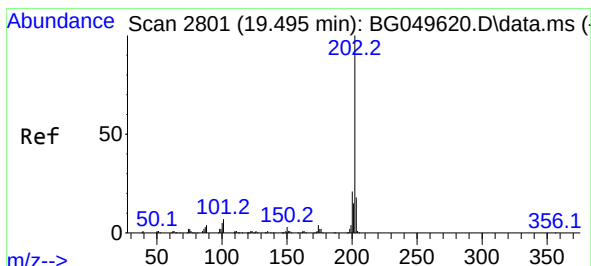
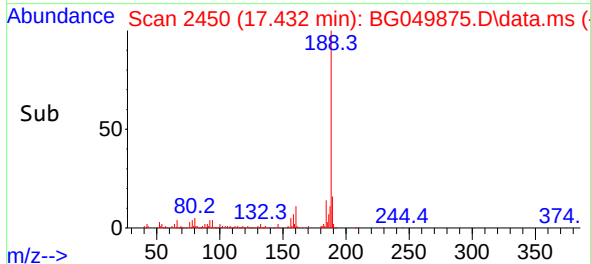
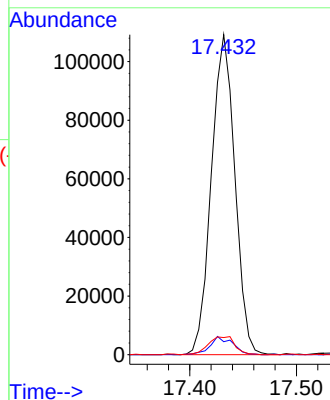
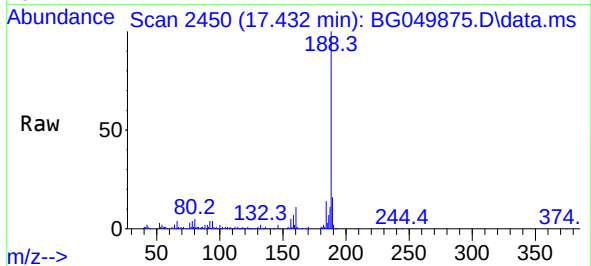




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.432 min Scan# 2450
Delta R.T. -0.007 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

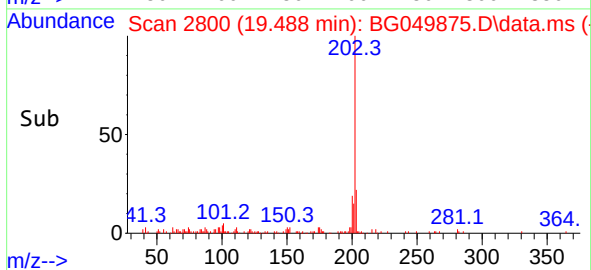
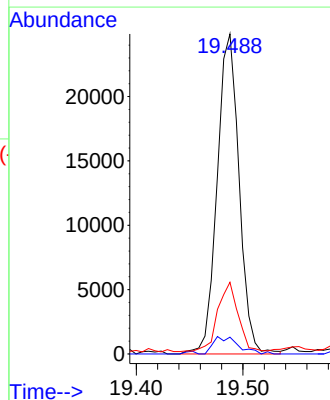
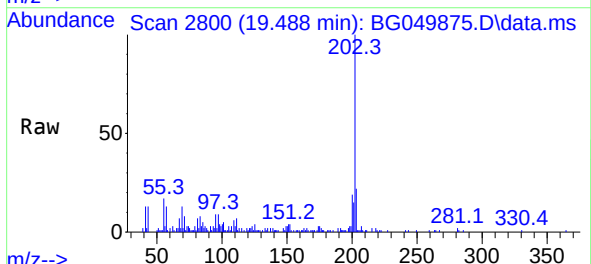
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ClientSampleId :
VNJ-213

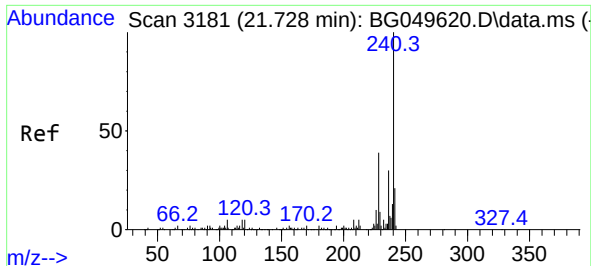
Tgt Ion:188 Resp: 167074
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 5.4 3.7 5.5



#75
Fluoranthene
Concen: 3.287 ng
RT: 19.488 min Scan# 2800
Delta R.T. -0.001 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

Tgt Ion:202 Resp: 35557
Ion Ratio Lower Upper
202 100
101 5.2 0.0 24.7
203 22.4 0.0 38.5

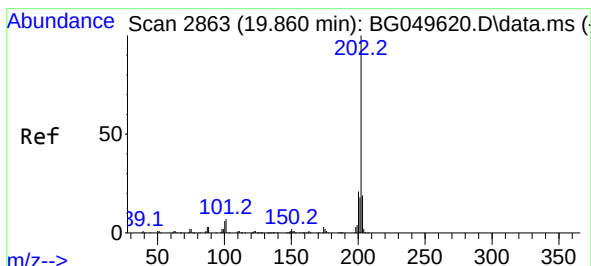
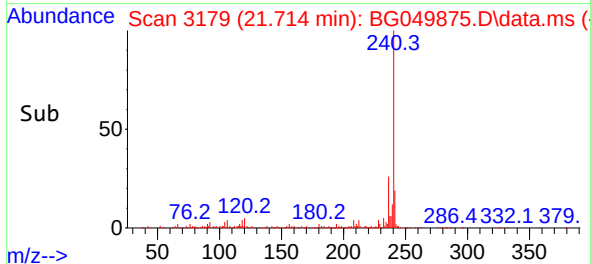
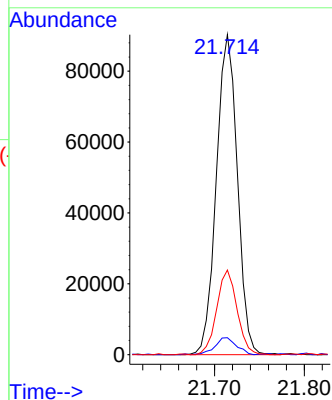
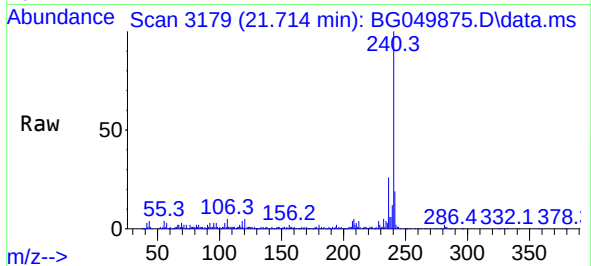




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3179
Delta R.T. -0.007 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

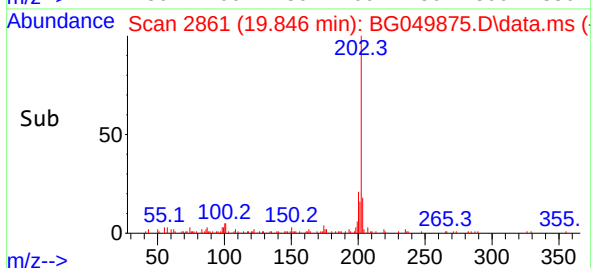
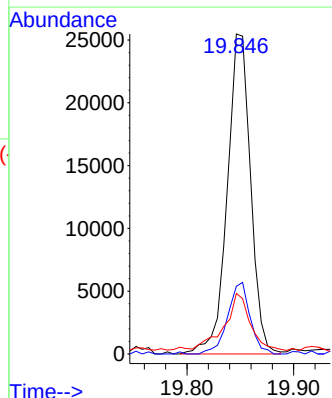
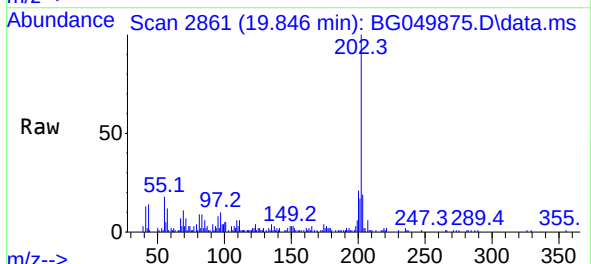
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VNJ-213

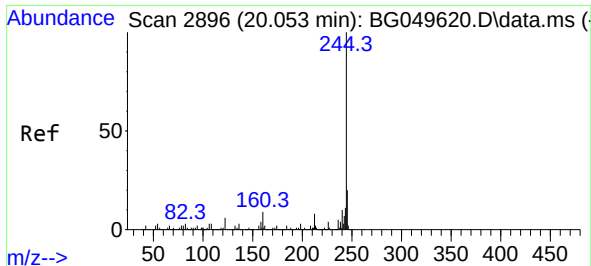
Tgt Ion:	240	Resp:	146784
Ion Ratio	Lower	Upper	
240	100		
120	5.3	4.2	6.2
236	26.5	21.8	32.6



#78
Pyrene
Concen: 3.882 ng
RT: 19.846 min Scan# 2861
Delta R.T. -0.007 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

Tgt Ion:	202	Resp:	38852
Ion Ratio	Lower	Upper	
202	100		
200	21.1	15.8	23.8
203	18.9	14.6	21.8

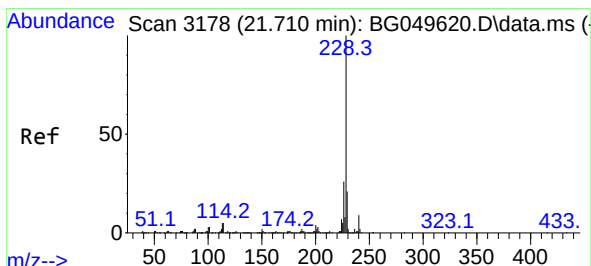
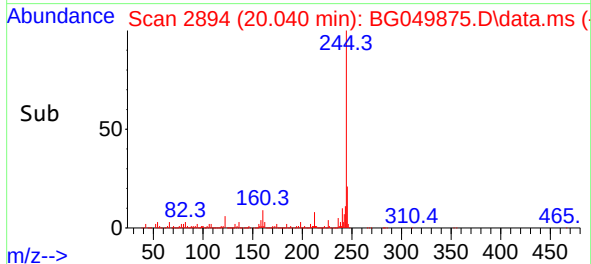
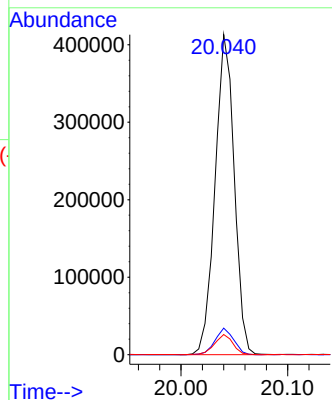
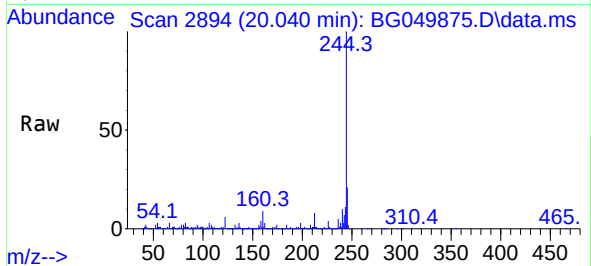




#79
Terphenyl-d14
Concen: 63.712 ng
RT: 20.040 min Scan# 2894
Delta R.T. -0.007 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

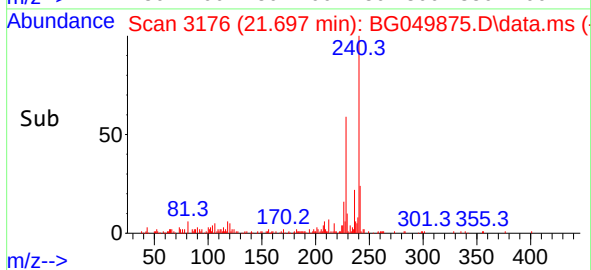
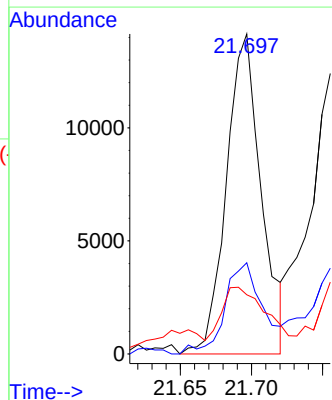
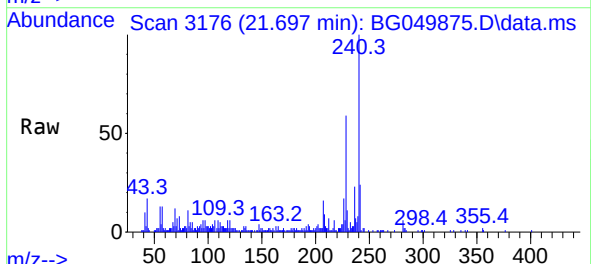
Instrument :
BNA_G
ClientSampled :
VNJ-213

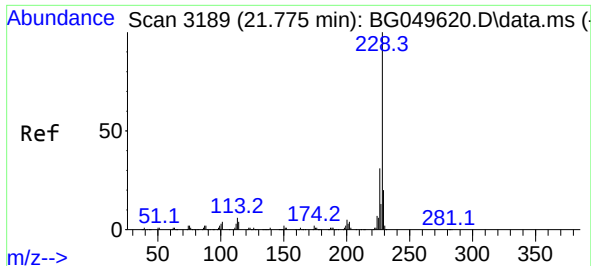
Tgt Ion:244	Resp:	514915
Ion Ratio	Lower	Upper
244	100	
212	8.3	6.9 10.3
122	6.3	5.0 7.6



#81
Benzo(a)anthracene
Concen: 2.523 ng
RT: 21.697 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

Tgt Ion:228	Resp:	24115
Ion Ratio	Lower	Upper
228	100	
226	28.5	22.7 34.1
229	18.5	16.0 24.0

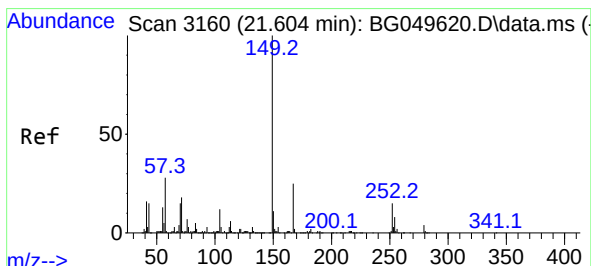
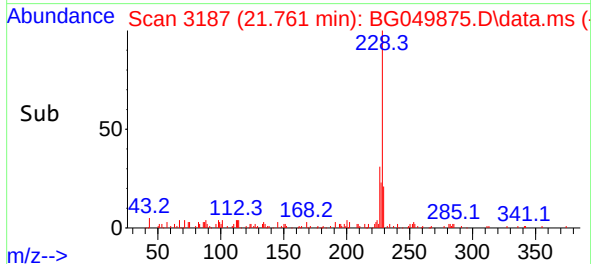
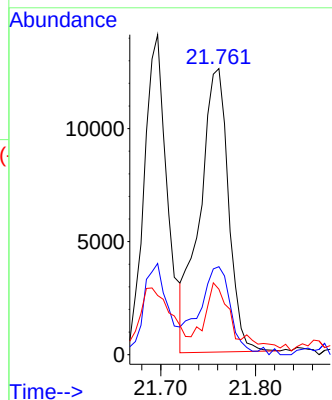
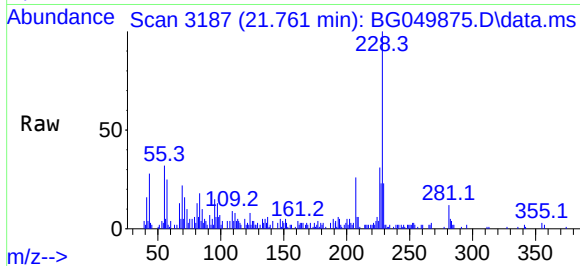




#83
Chrysene
Concen: 2.896 ng
RT: 21.761 min Scan# 3187
Delta R.T. -0.007 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

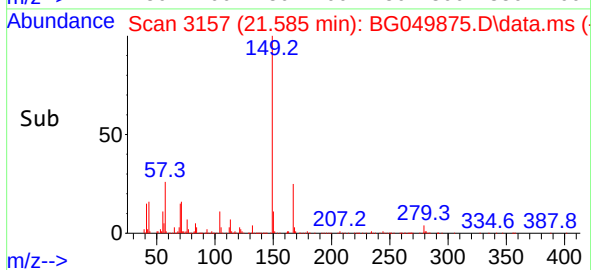
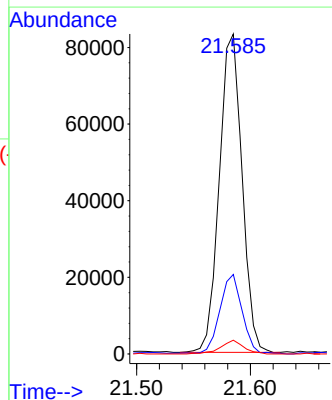
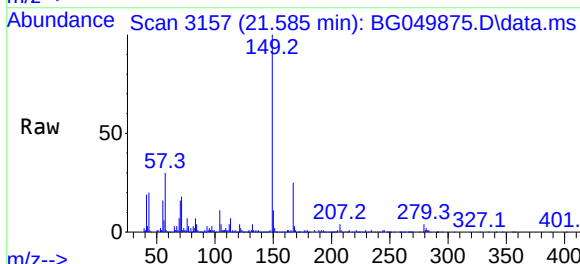
Instrument :
BNA_G
ClientSampleId :
VNJ-213

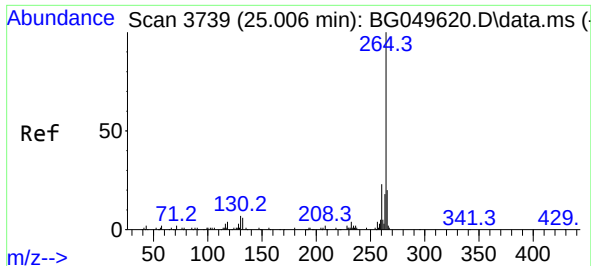
Tgt Ion:	228	Resp:	26465
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.1	34.7
229	22.9	15.3	22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 21.399 ng
RT: 21.585 min Scan# 3157
Delta R.T. -0.001 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

Tgt Ion:	149	Resp:	115440
Ion Ratio	Lower	Upper	
149	100		
167	24.9	22.3	33.5
279	4.3	3.8	5.8

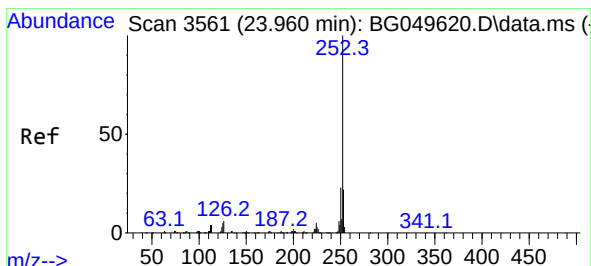
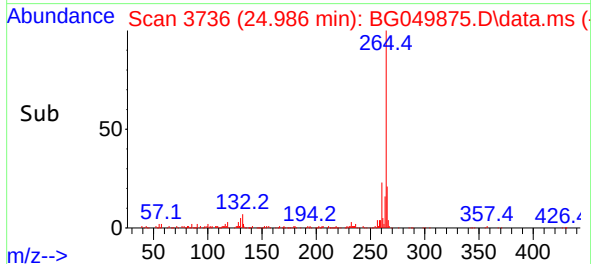
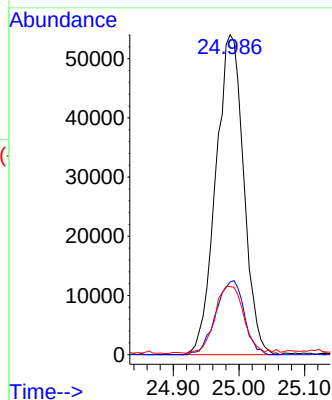
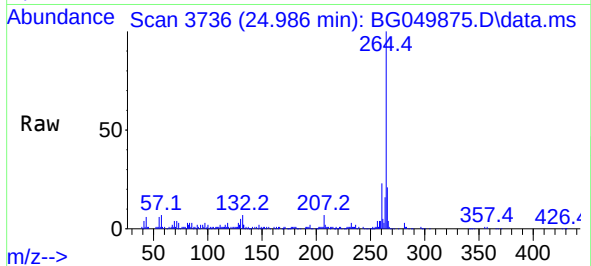




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3736
Delta R.T. -0.001 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

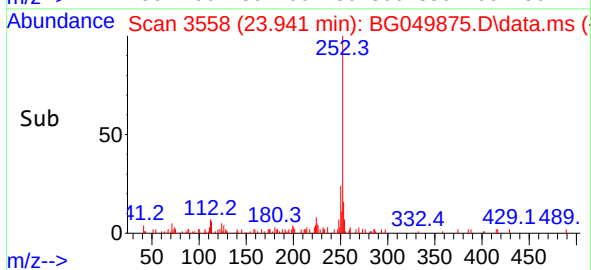
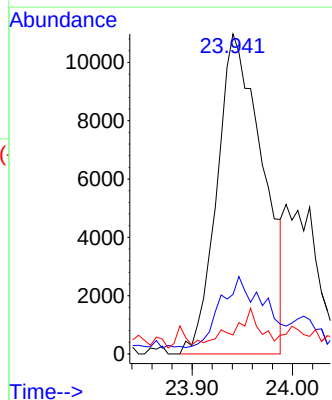
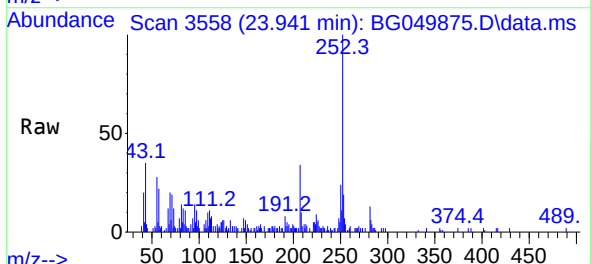
Instrument :
BNA_G
ClientSampleId :
VNJ-213

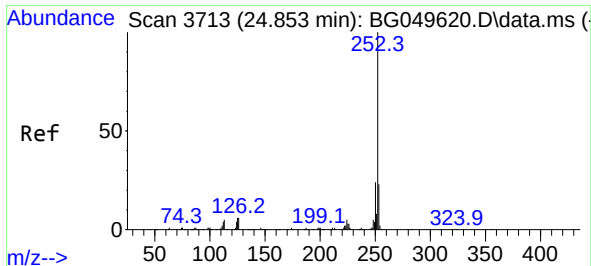
Tgt Ion:264 Resp: 159121
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.2
265 21.2 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 3.314 ng
RT: 23.941 min Scan# 3558
Delta R.T. -0.013 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

Tgt Ion:252 Resp: 34589
Ion Ratio Lower Upper
252 100
253 18.6 16.2 24.4
125 6.0 3.0 4.4#

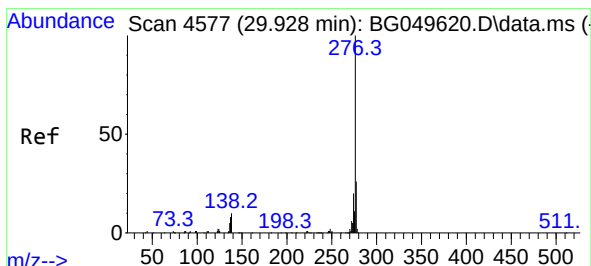
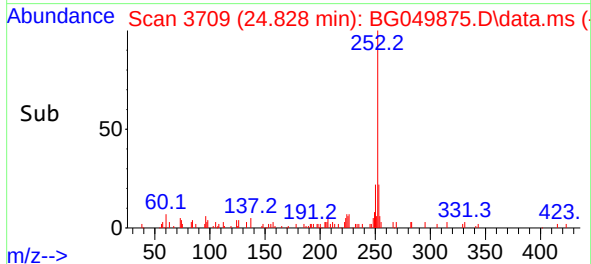
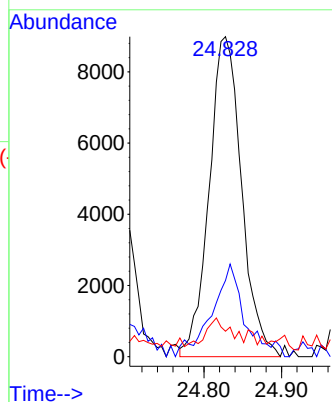
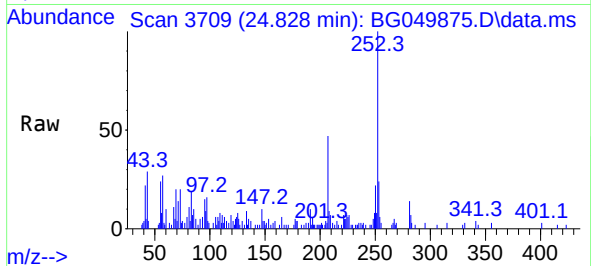




#90
Benzo(a)pyrene
Concen: 2.761 ng
RT: 24.828 min Scan# 3709
Delta R.T. -0.013 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

Instrument :
BNA_G
ClientSampleId :
VNJ-213

Tgt Ion:	252	Resp:	26073
Ion Ratio	Lower	Upper	
252	100		
253	23.8	16.6	25.0
125	7.9	3.5	5.3#



#92
Benzo(g,h,i)perylene
Concen: 2.480 ng
RT: 29.897 min Scan# 4572
Delta R.T. -0.019 min
Lab File: BG049875.D
Acq: 17 Aug 2021 13:05

Tgt Ion:	276	Resp:	23498
Ion Ratio	Lower	Upper	
276	100		
277	29.8	18.4	27.6#
138	12.8	7.0	10.6#

