

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
 Data File : BM028596.D
 Acq On : 28 Jan 2021 20:22
 Operator : CG/JU
 Sample : M1253-07 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-229

Quant Time: Jan 28 23:37:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 13:20:04 2021
 Response via : Initial Calibration

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

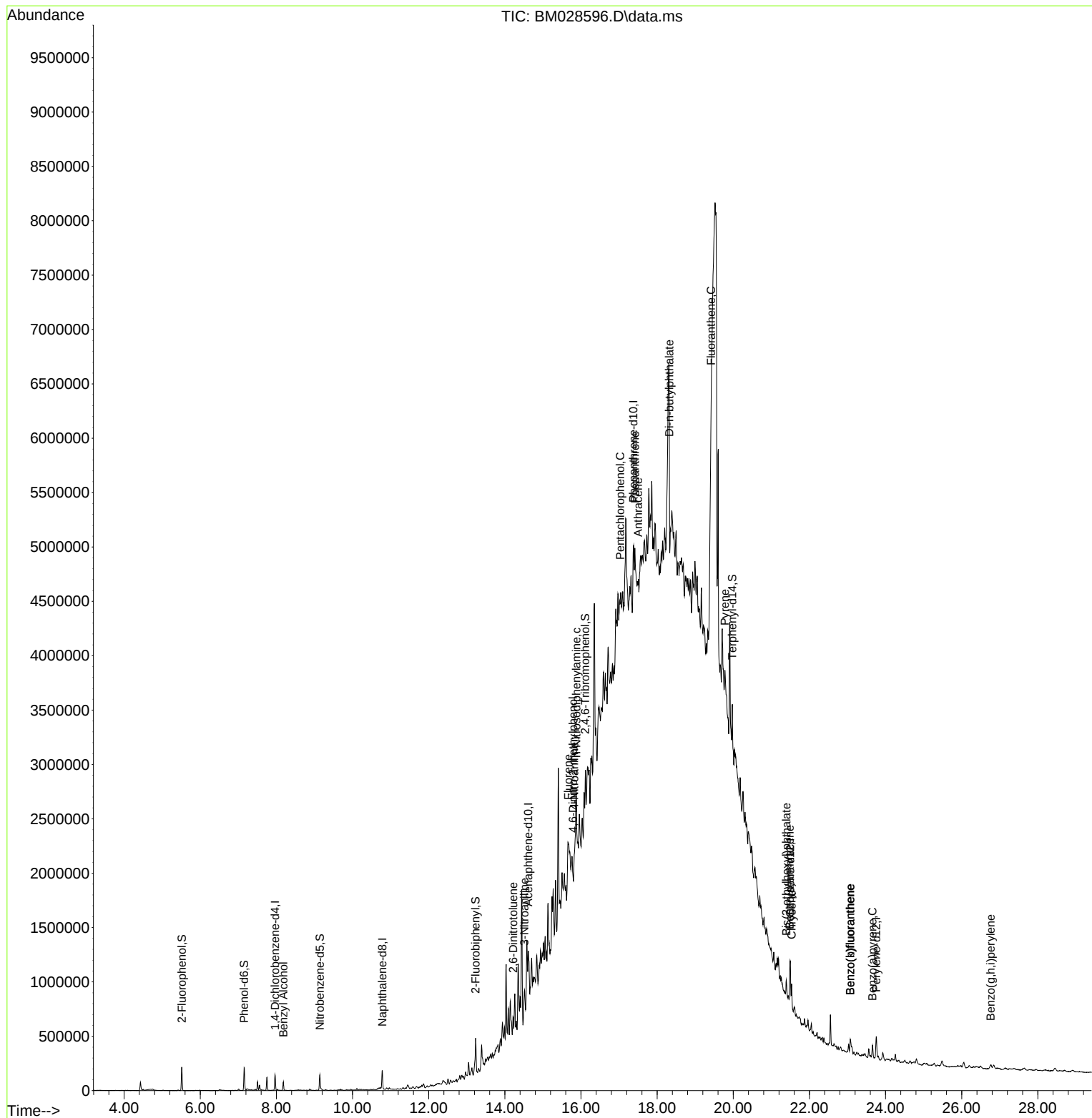
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	35776	20.00	ng	0.00
21) Naphthalene-d8	10.780	136	137721	20.00	ng	# 0.00
39) Acenaphthene-d10	14.615	164	79961	20.00	ng	0.00
64) Phenanthrene-d10	17.374	188	125921	20.00	ng	# 0.02
76) Chrysene-d12	21.497	240	138703	20.00	ng	# 0.01
86) Perylene-d12	23.756	264	141133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	92650	40.91	ng	-0.02
7) Phenol-d6	7.151	99	116005	37.62	ng	-0.04
23) Nitrobenzene-d5	9.139	82	71844	24.74	ng	-0.01
42) 2,4,6-Tribromophenol	16.109	330	37664	35.55	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	151435	23.76	ng	0.00
79) Terphenyl-d14	19.974	244	170085	22.14	ng	0.03
Target Compounds						Qvalue
15) Benzyl Alcohol	8.181	79	6528	3.04	ng	# 64
51) 2,6-Dinitrotoluene	14.221	165	7165	5.12	ng	# 26
53) 3-Nitroaniline	14.515	138	11469	7.28	ng	# 13
58) Fluorene	15.668	166	24210	3.74	ng	# 52
62) 4-Nitroaniline	15.821	138	4718	2.75	ng	85
65) 4,6-Dinitro-2-methylph...	15.792	198	2659	3.40	ng	# 1
66) n-Nitrosodiphenylamine	15.880	169	49851	11.82	ng	# 46
70) Pentachlorophenol	17.027	266	2527	2.68	ng	# 74
71) Phenanthrene	17.415	178	200168	25.85	ng	# 83
72) Anthracene	17.503	178	26862	3.59	ng	# 14
74) Di-n-butylphthalate	18.321	149	19274	2.26	ng	# 43
75) Fluoranthene	19.415	202	113616	13.06	ng	74
78) Pyrene	19.780	202	171155	17.21	ng	# 92
81) Benzo(a)anthracene	21.480	228	101688	10.62	ng	97
83) Chrysene	21.533	228	107924	11.67	ng	97
84) Bis(2-ethylhexyl)phtha...	21.391	149	42475	6.85	ng	# 95
88) Benzo(b)fluoranthene	23.074	252	95393	9.96	ng	# 89
89) Benzo(k)fluoranthene	23.074	252	95393	10.20	ng	# 89
90) Benzo(a)pyrene	23.656	252	73718	8.30	ng	# 91
92) Benzo(g,h,i)perylene	26.762	276	39883	4.66	ng	# 86

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

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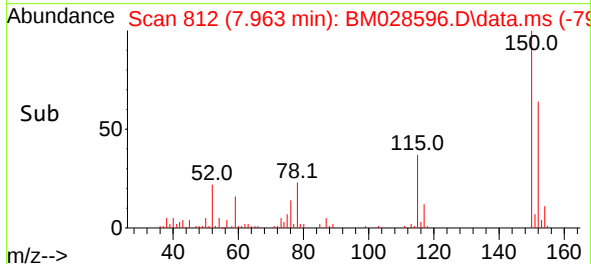
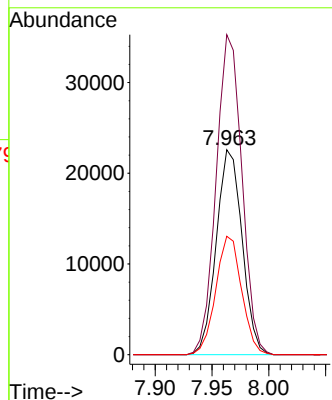
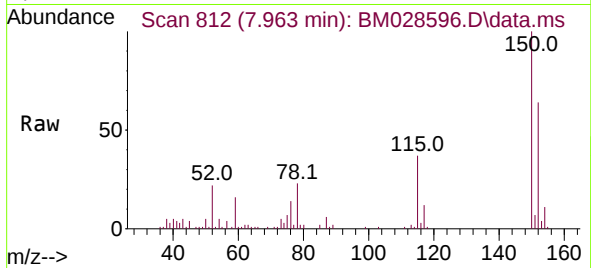




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

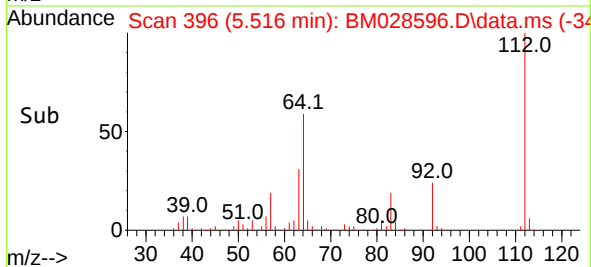
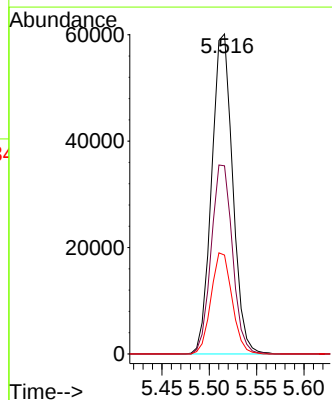
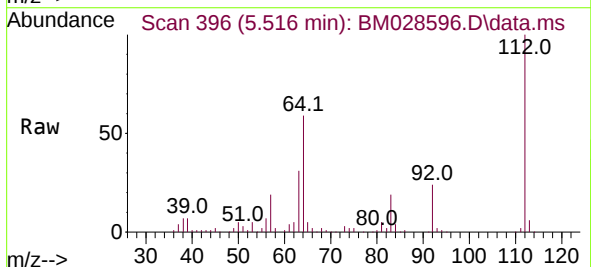
Instrument :
BNA_M
ClientSampleId :
VNJ-229

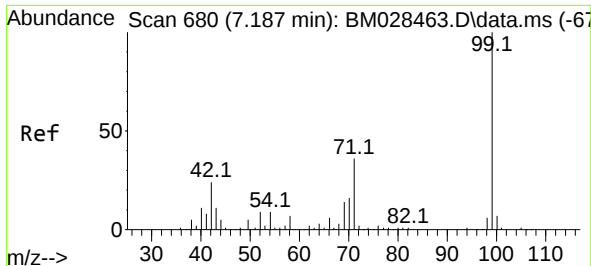
Tgt Ion:152 Resp: 35776
Ion Ratio Lower Upper
152 100
150 156.2 120.6 181.0
115 57.8 47.2 70.8



#5
2-Fluorophenol
Concen: 40.91 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.018 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:112 Resp: 92650
Ion Ratio Lower Upper
112 100
64 58.8 50.6 76.0
63 30.9 31.0 46.6#

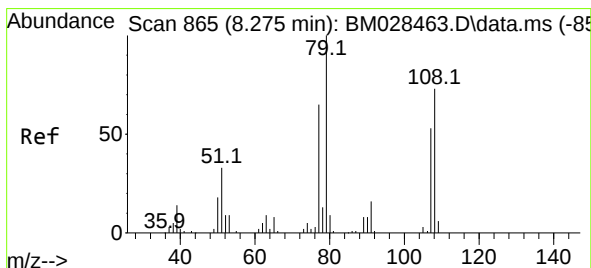
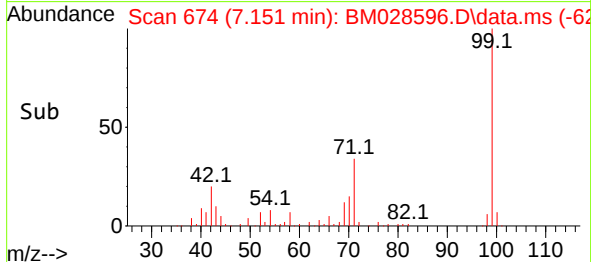
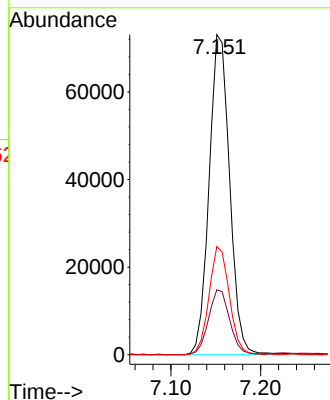
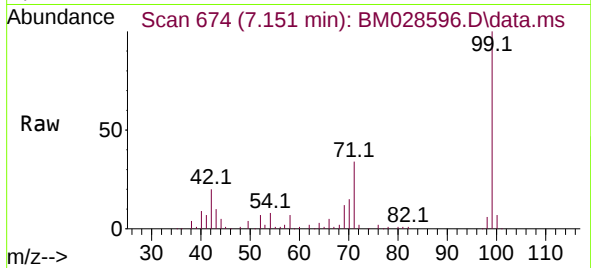




#7
Phenol-d6
Concen: 37.62 ng
RT: 7.151 min Scan# 674
Delta R.T. -0.035 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

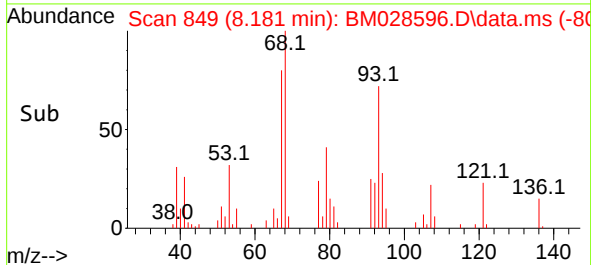
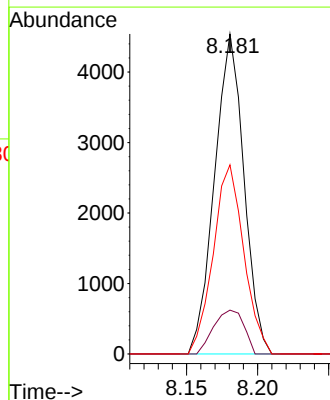
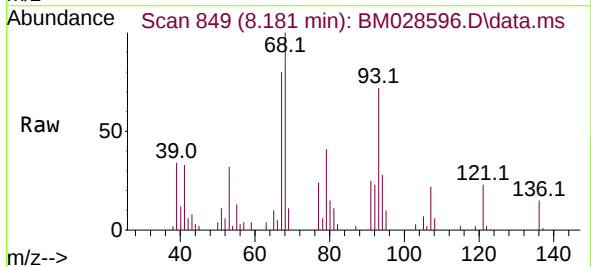
Instrument :
BNA_M
ClientSampled :
VNJ-229

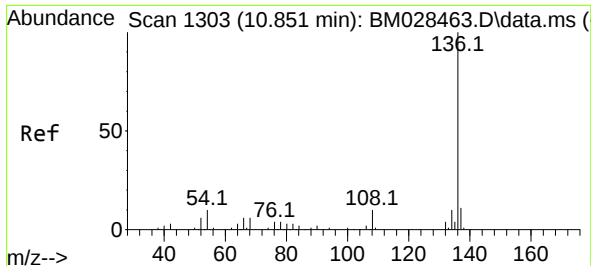
Tgt Ion:	99	Resp:	116005
Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.5	20.3#
71	33.8	39.4	59.0#



#15
Benzyl Alcohol
Concen: 3.04 ng
RT: 8.181 min Scan# 849
Delta R.T. -0.047 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

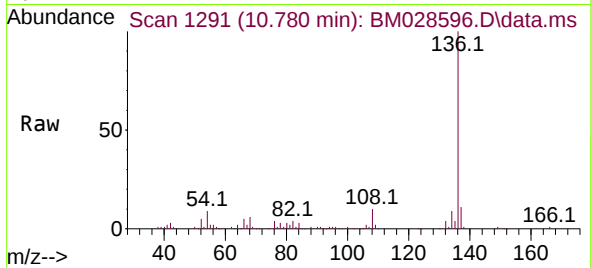
Tgt Ion:	79	Resp:	6528
Ion	Ratio	Lower	Upper
79	100		
108	13.7	49.0	73.4#
77	59.1	55.2	82.8



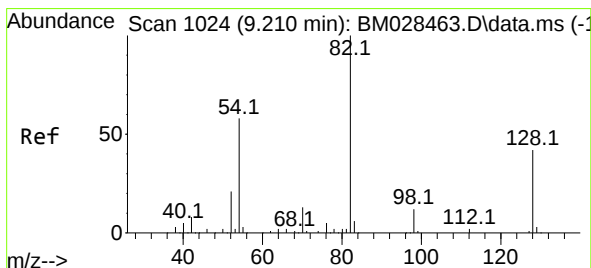
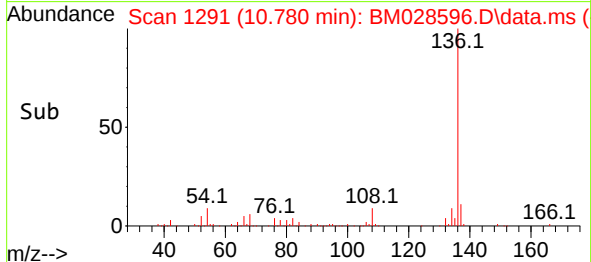
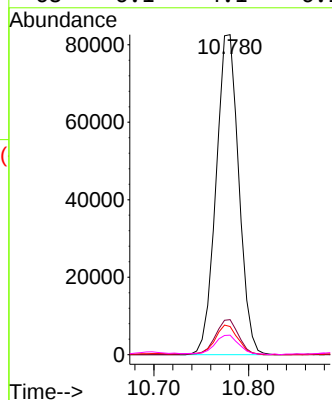


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Instrument :
BNA_M
ClientSampled :
VNJ-229

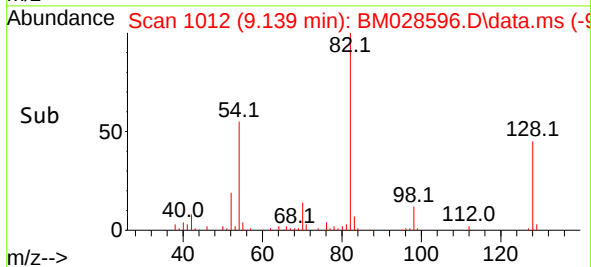
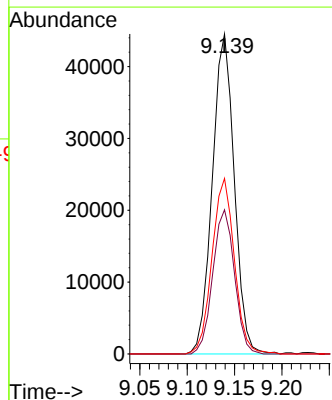
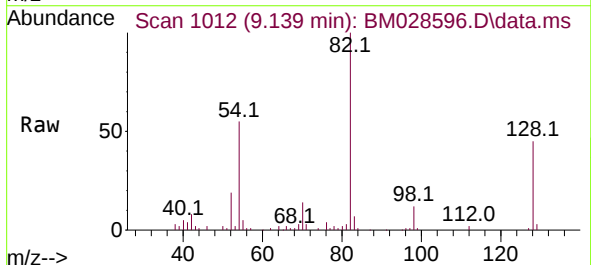


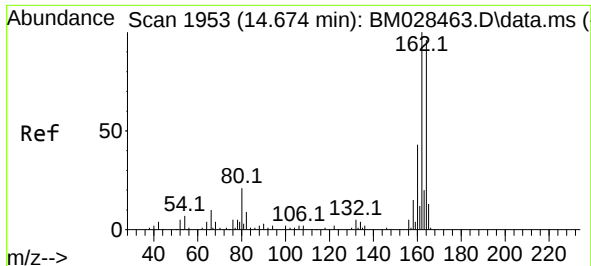
Tgt Ion:136 Resp: 137721
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.8 4.6 7.0#
68 6.1 4.1 6.1



#23
Nitrobenzene-d5
Concen: 24.74 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion: 82 Resp: 71844
Ion Ratio Lower Upper
82 100
128 45.0 27.4 41.0#
54 54.8 31.4 47.0#

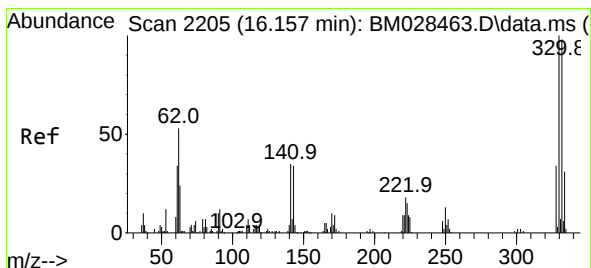
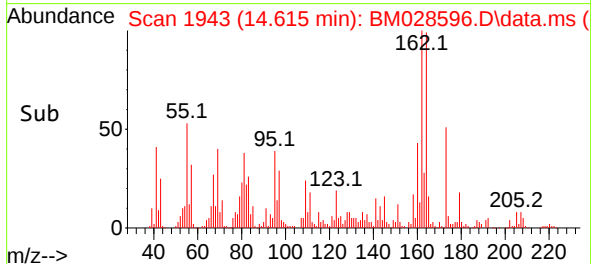
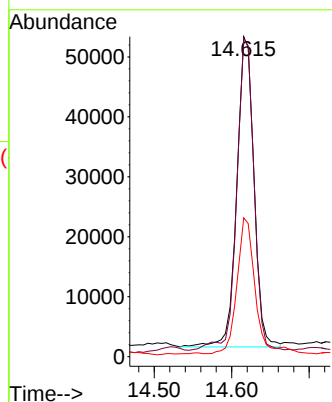
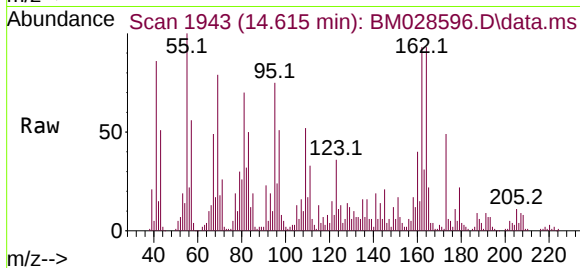




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.615 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

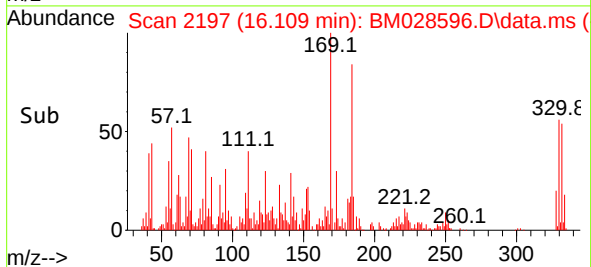
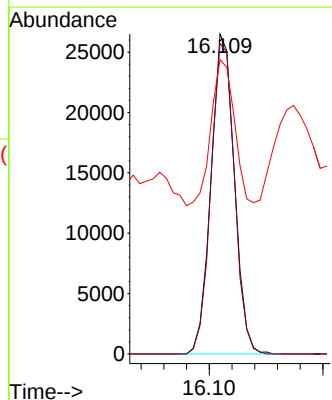
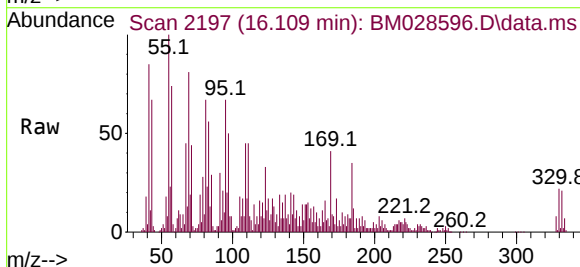
Instrument :
BNA_M
ClientSampleId :
VNJ-229

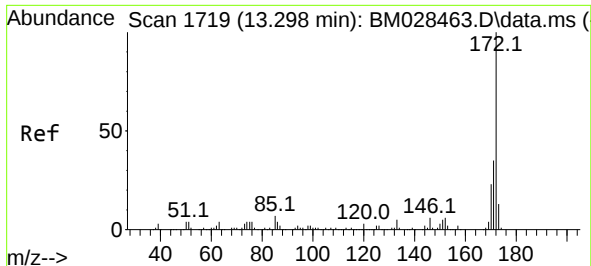
Tgt Ion:164	Resp:	79961
Ion Ratio	Lower	Upper
164	100	
162	99.4	80.4 120.6
160	43.4	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 35.55 ng
RT: 16.109 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:330	Resp:	37664
Ion Ratio	Lower	Upper
330	100	
332	98.0	77.8 116.8
141	45.7	28.4 42.6#

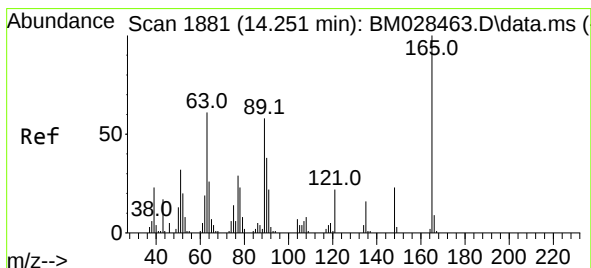
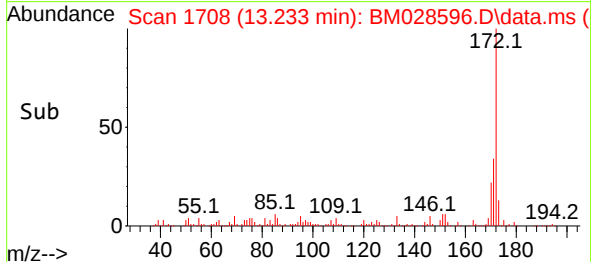
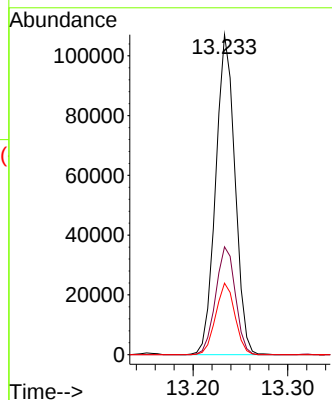
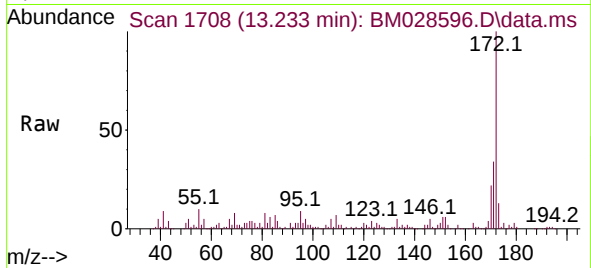




#45
2-Fluorobiphenyl
Concen: 23.76 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

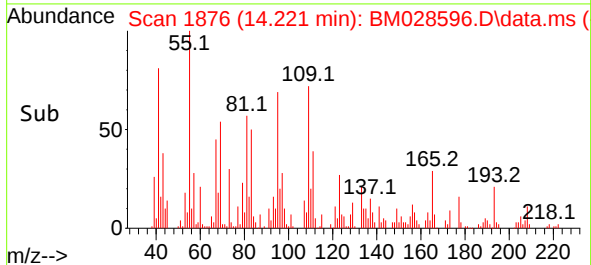
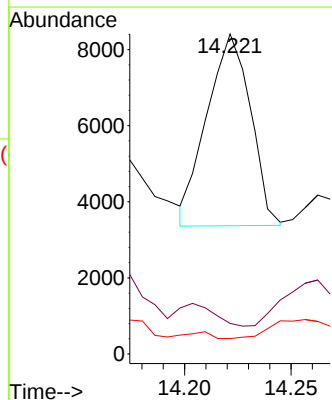
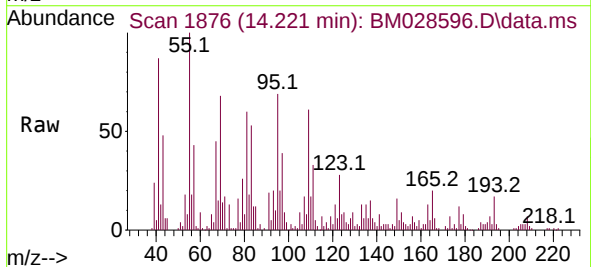
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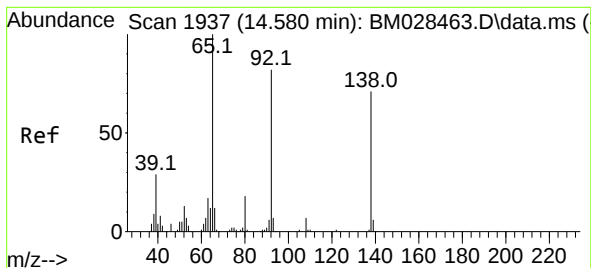
Tgt Ion:	172	Resp:	151435
Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.8	41.8
170	22.4	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 5.12 ng
RT: 14.221 min Scan# 1876
Delta R.T. 0.017 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:	165	Resp:	7165
Ion	Ratio	Lower	Upper
165	100		
63	9.5	51.1	76.7#
89	4.8	53.3	79.9#

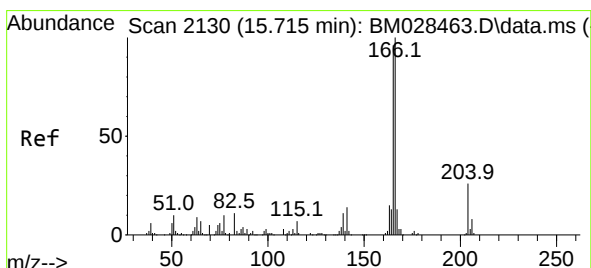
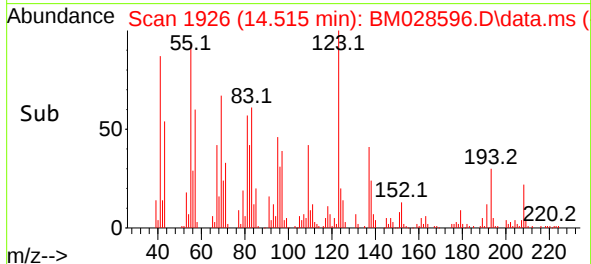
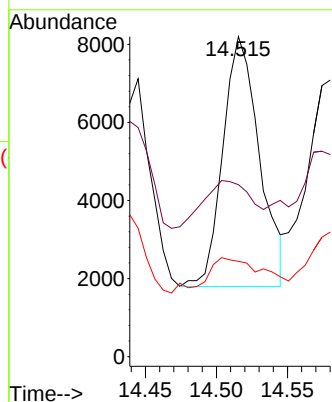
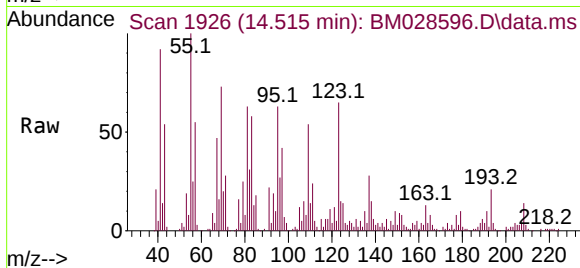




#53
3-Nitroaniline
Concen: 7.28 ng
RT: 14.515 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

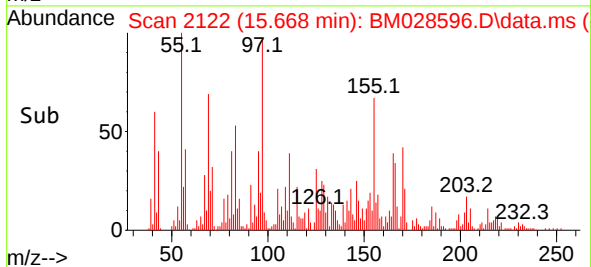
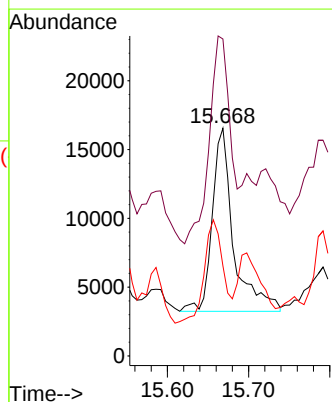
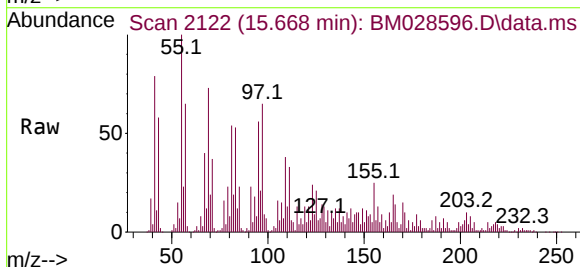
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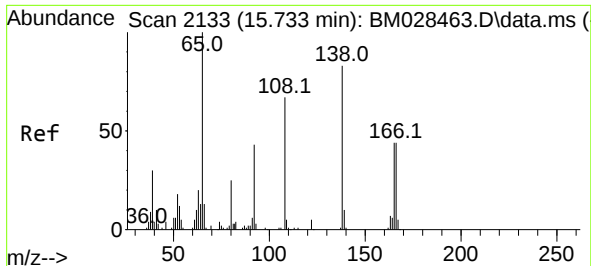
Tgt Ion:138 Resp: 11469
Ion Ratio Lower Upper
138 100
108 53.7 8.6 13.0#
92 29.8 102.1 153.1#



#58
Fluorene
Concen: 3.74 ng
RT: 15.668 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:166 Resp: 24210
Ion Ratio Lower Upper
166 100
165 139.2 76.2 114.2#
167 39.5 10.7 16.1#

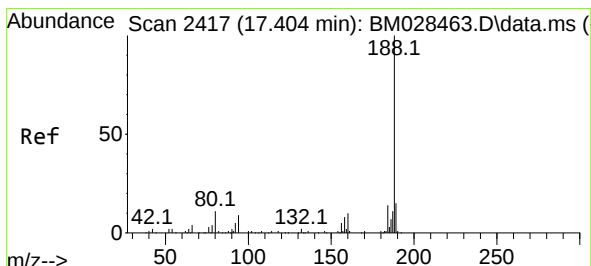
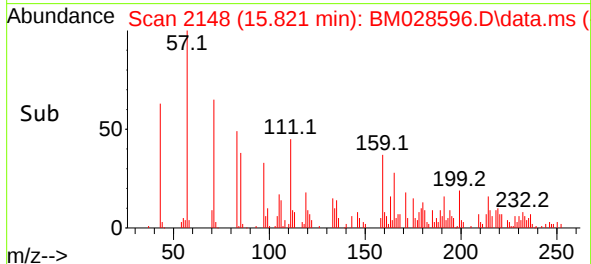
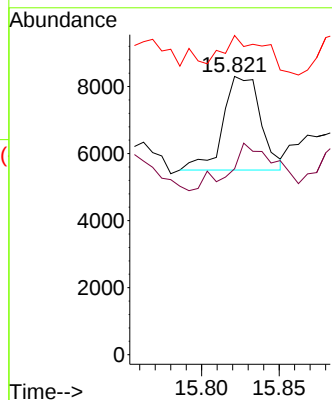
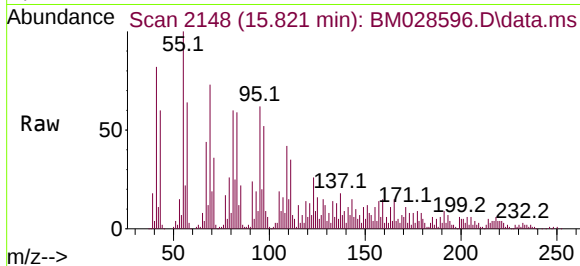




#62
4-Nitroaniline
Concen: 2.75 ng
RT: 15.821 min Scan# 2148
Delta R.T. 0.129 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

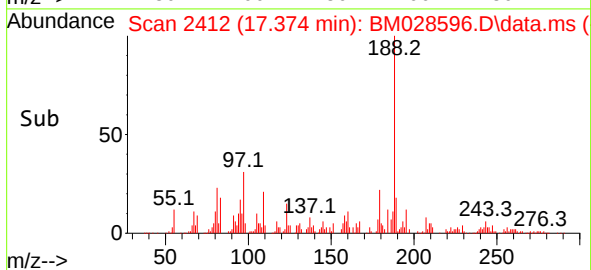
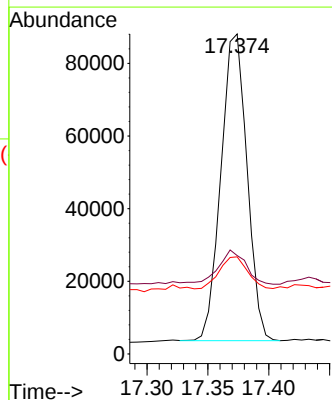
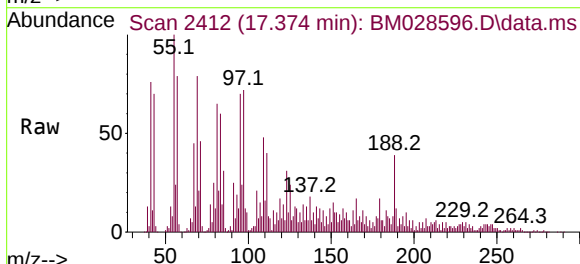
Instrument :
BNA_M
ClientSampled :
VNJ-229

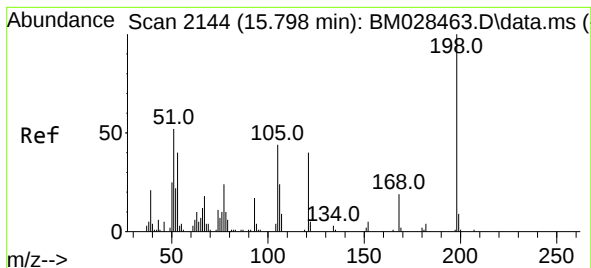
Tgt Ion:138 Resp: 4718
Ion Ratio Lower Upper
138 100
92 66.8 35.5 75.5
108 114.7 80.5 120.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.374 min Scan# 2412
Delta R.T. 0.023 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:188 Resp: 125921
Ion Ratio Lower Upper
188 100
94 30.8 6.2 9.4#
80 30.4 7.5 11.3#

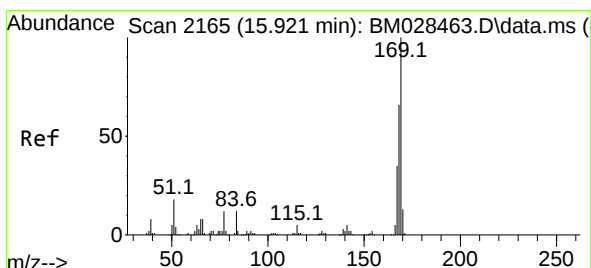
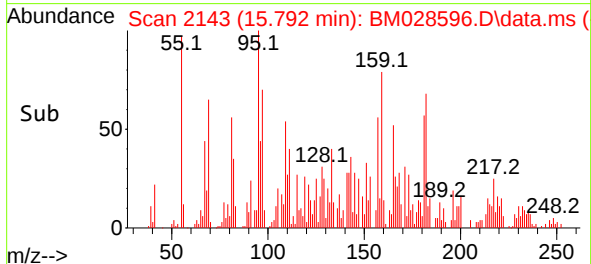
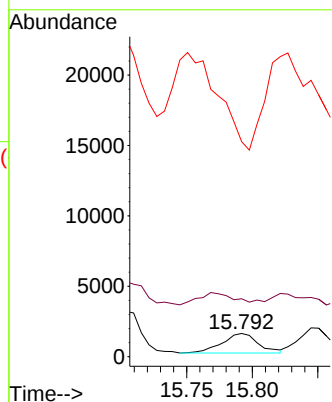
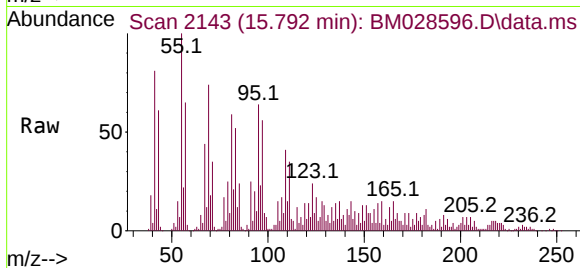




#65
4,6-Dinitro-2-methylphenol
Concen: 3.40 ng
RT: 15.792 min Scan# 2143
Delta R.T. 0.041 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

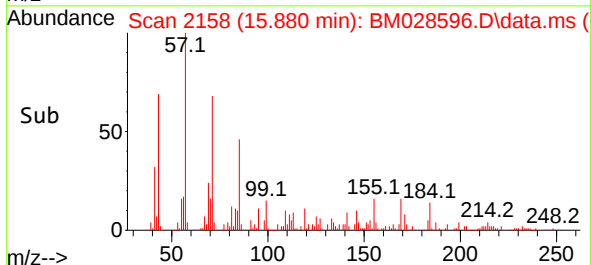
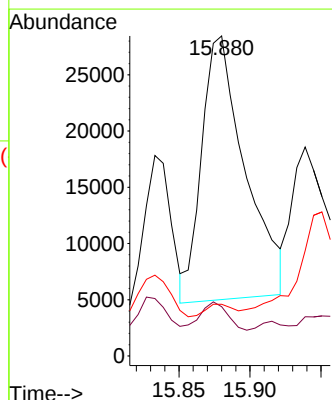
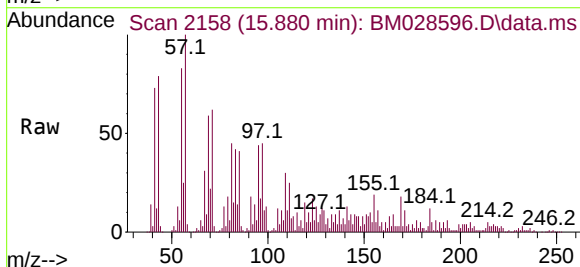
Instrument :
BNA_M
ClientSampleId :
VNJ-229

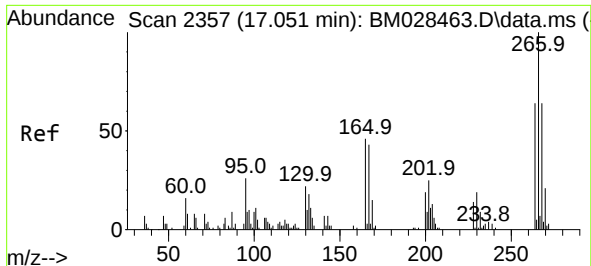
Tgt Ion:198 Resp: 2659
Ion Ratio Lower Upper
198 100
51 248.9 13.0 53.0#
105 924.5 18.7 58.7#



#66
n-Nitrosodiphenylamine
Concen: 11.82 ng
RT: 15.880 min Scan# 2158
Delta R.T. 0.012 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:169 Resp: 49851
Ion Ratio Lower Upper
169 100
168 15.4 53.8 80.8#
167 16.1 29.0 43.4#

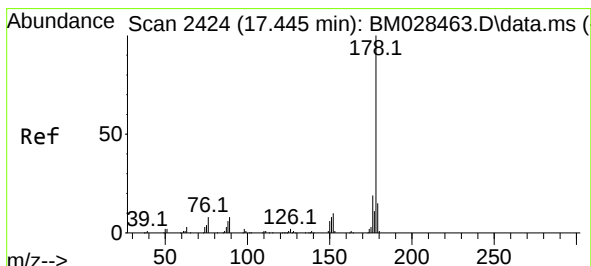
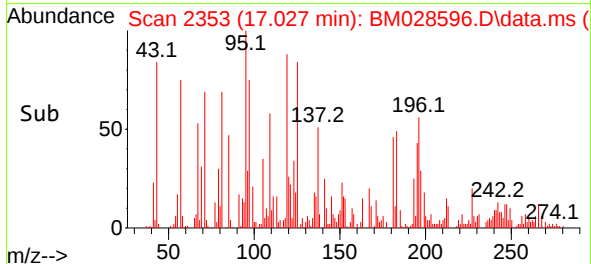
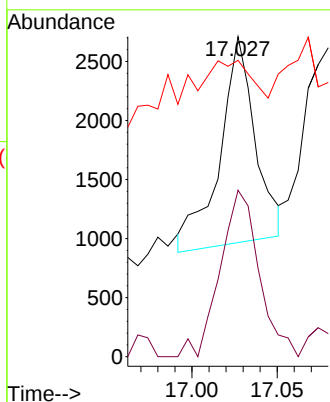
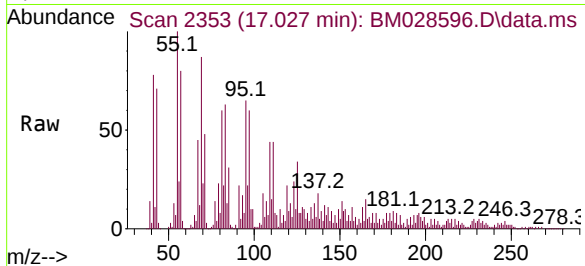




#70
Pentachlorophenol
Concen: 2.68 ng
RT: 17.027 min Scan# 2353
Delta R.T. 0.012 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

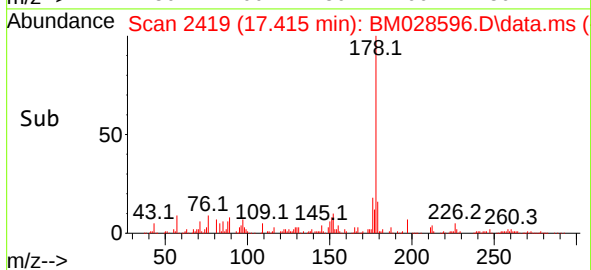
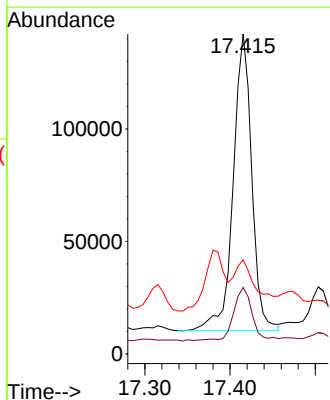
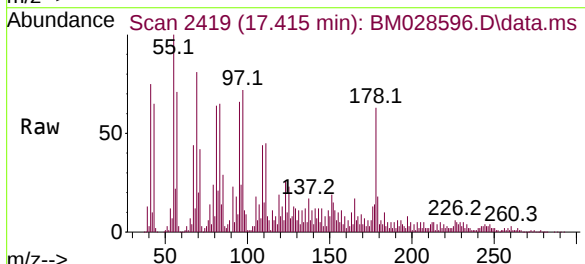
Instrument :
BNA_M
ClientSampled :
VNJ-229

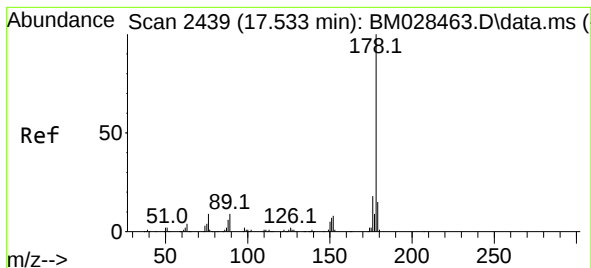
Tgt Ion:266 Resp: 2527
Ion Ratio Lower Upper
266 100
268 52.0 49.9 74.9
264 92.6 50.6 76.0#



#71
Phenanthrene
Concen: 25.85 ng
RT: 17.415 min Scan# 2419
Delta R.T. 0.023 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:178 Resp: 200168
Ion Ratio Lower Upper
178 100
176 20.7 15.0 22.6
179 29.4 12.2 18.4#





#72

Anthracene

Concen: 3.59 ng

RT: 17.503 min Scan# 2434

Delta R.T. 0.023 min

Lab File: BM028596.D

Acq: 28 Jan 2021 20:22

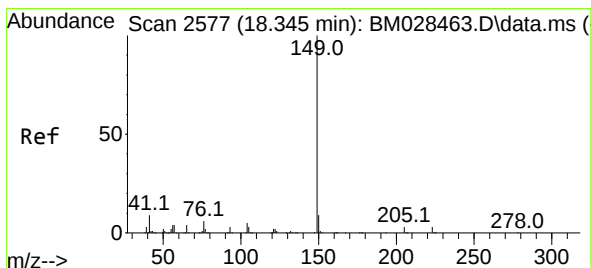
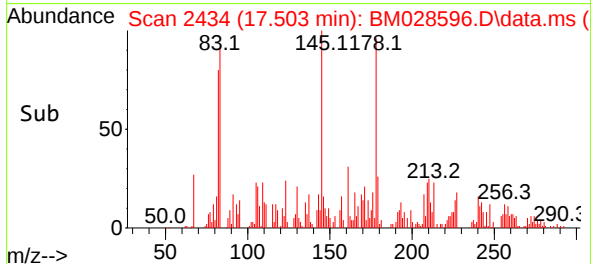
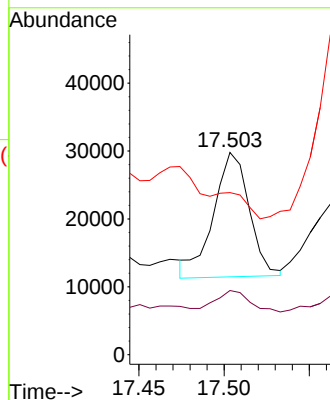
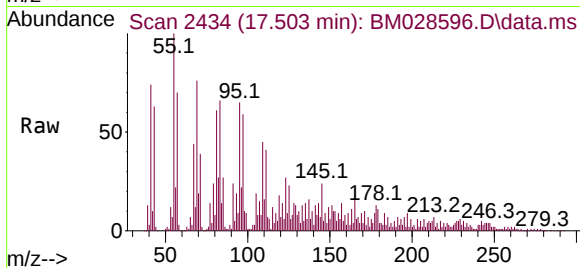
Tgt Ion:178 Resp: 26862

Ion Ratio Lower Upper

178 100

176 31.8 15.0 22.4#

179 80.2 12.5 18.7#



#74

Di-n-butylphthalate

Concen: 2.26 ng

RT: 18.321 min Scan# 2573

Delta R.T. 0.023 min

Lab File: BM028596.D

Acq: 28 Jan 2021 20:22

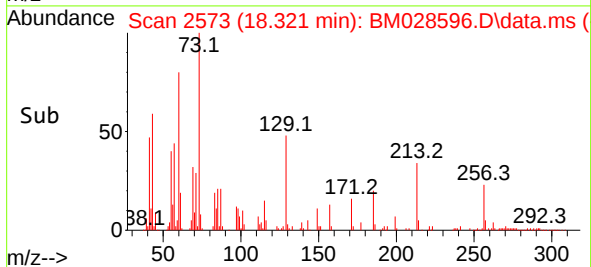
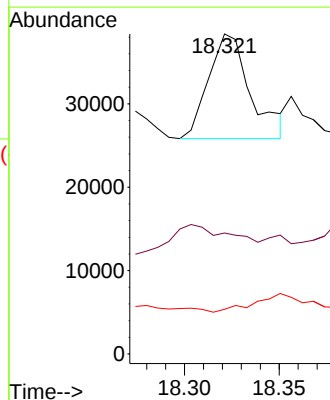
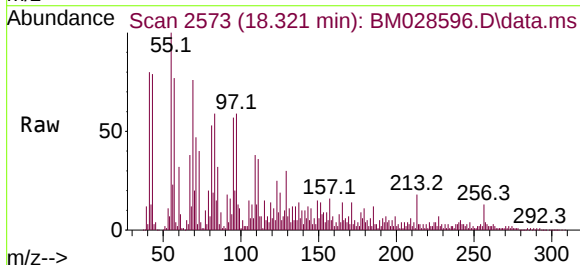
Tgt Ion:149 Resp: 19274

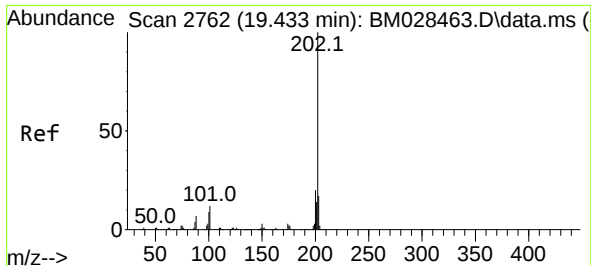
Ion Ratio Lower Upper

149 100

150 37.8 7.4 11.0#

104 14.0 4.7 7.1#

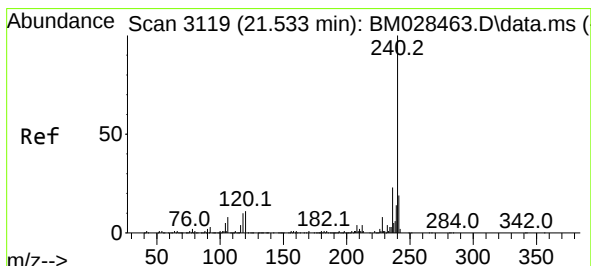
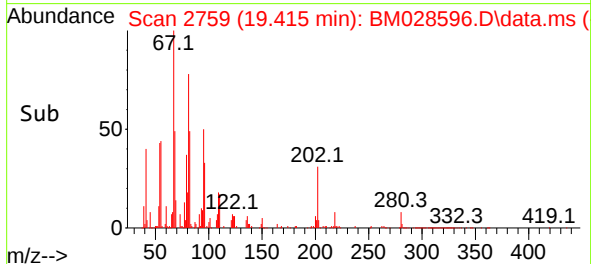
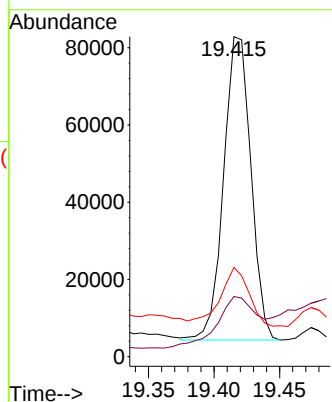
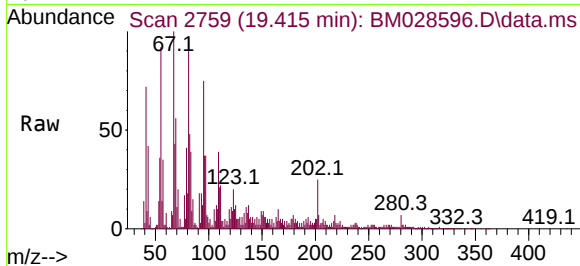




#75
Fluoranthene
Concen: 13.06 ng
RT: 19.415 min Scan# 2759
Delta R.T. 0.023 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

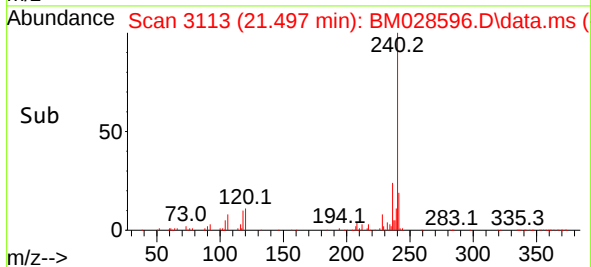
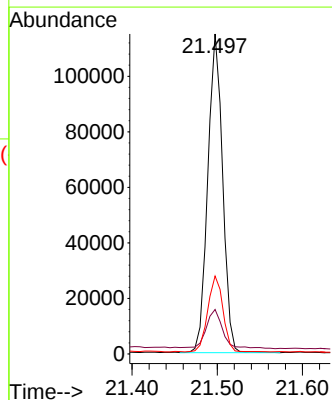
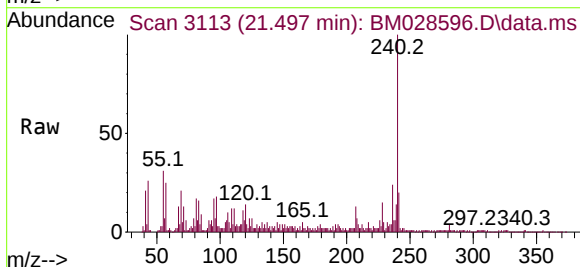
Instrument :
BNA_M
ClientSampled :
VNJ-229

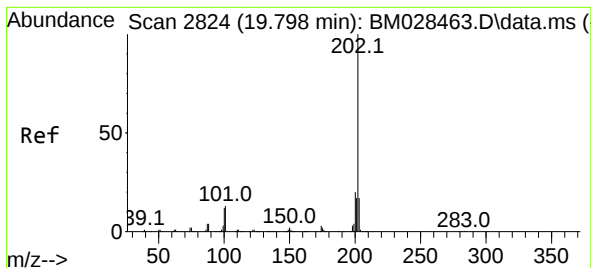
Tgt Ion:	202	Resp:	113616
Ion Ratio	Lower	Upper	
202	100		
101	18.8	0.0	28.5
203	27.9	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.497 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:	240	Resp:	138703
Ion Ratio	Lower	Upper	
240	100		
120	13.9	6.4	9.6#
236	24.4	20.1	30.1





#78

Pyrene

Concen: 17.21 ng

RT: 19.780 min Scan# 2821

Delta R.T. 0.029 min

Lab File: BM028596.D

Acq: 28 Jan 2021 20:22

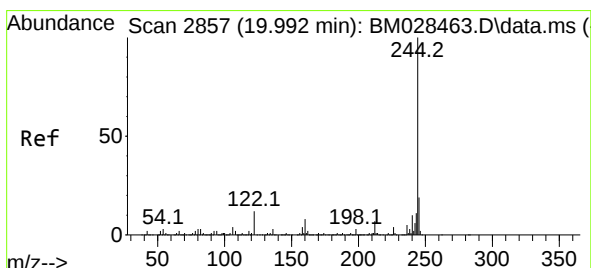
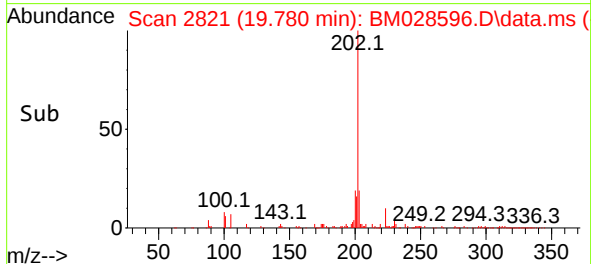
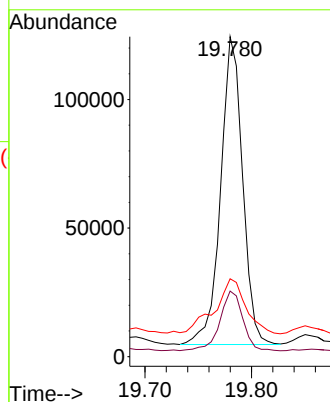
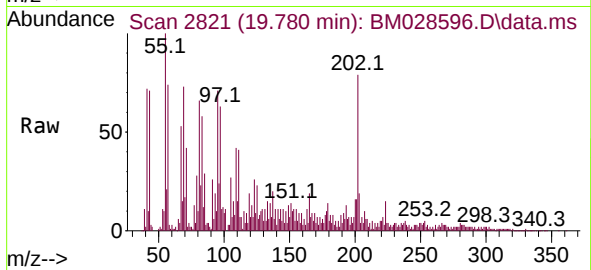
Tgt Ion:	202	Resp:	171155
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	24.8
203	24.3	13.8	20.6#

Instrument :

BNA_M

ClientSampleId :

VNJ-229



#79

Terphenyl-d14

Concen: 22.14 ng

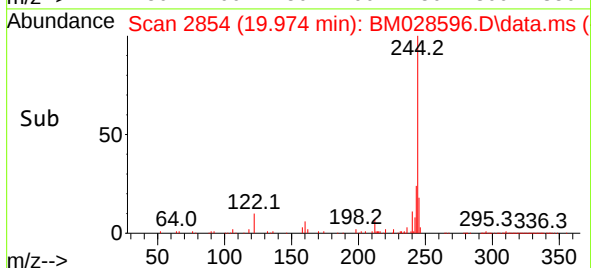
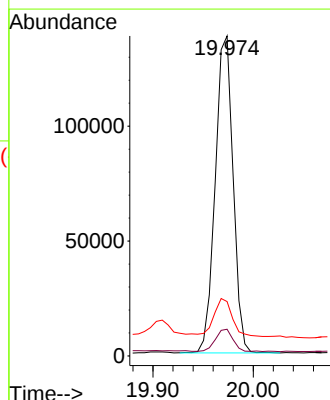
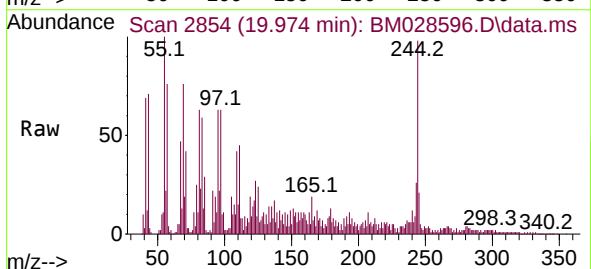
RT: 19.974 min Scan# 2854

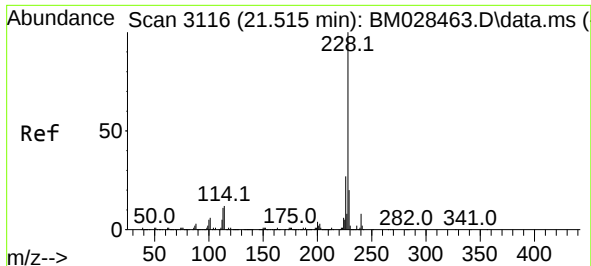
Delta R.T. 0.029 min

Lab File: BM028596.D

Acq: 28 Jan 2021 20:22

Tgt Ion:	244	Resp:	170085
Ion Ratio	Lower	Upper	
244	100		
212	8.3	5.8	8.8
122	17.0	6.5	9.7#

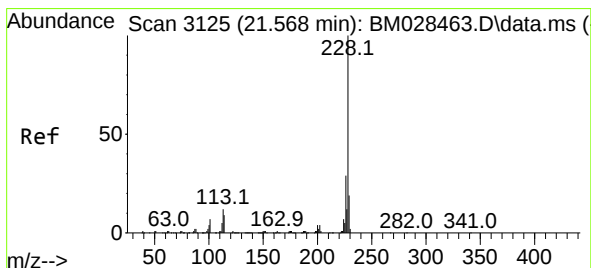
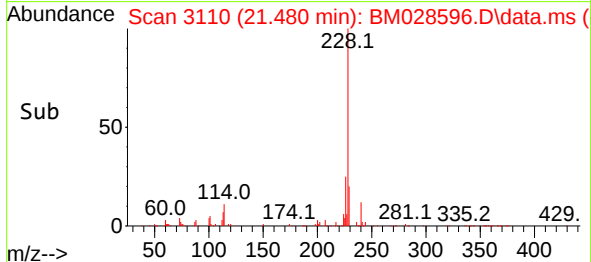
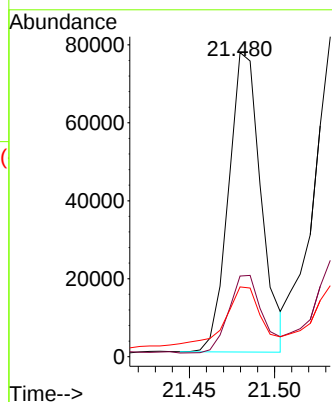
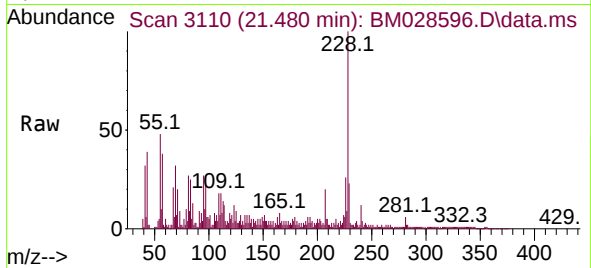




#81
Benzo(a)anthracene
Concen: 10.62 ng
RT: 21.480 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

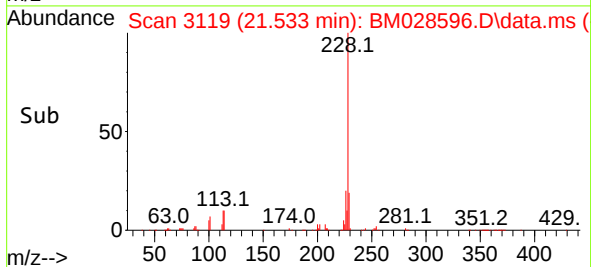
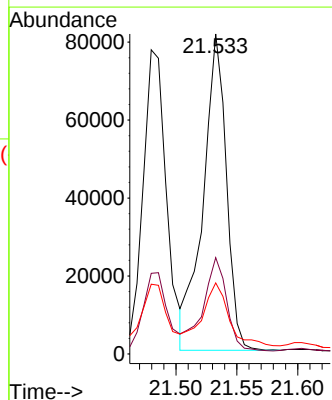
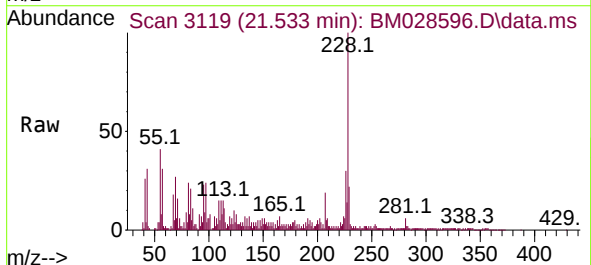
Instrument :
BNA_M
ClientSampleId :
VNJ-229

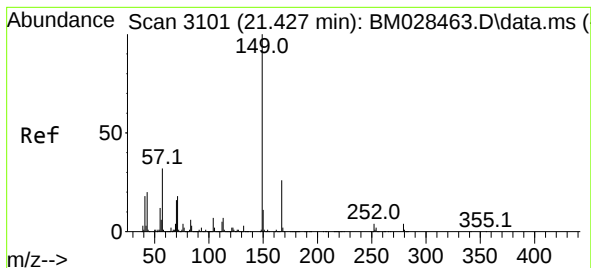
Tgt Ion:228 Resp: 101688
Ion Ratio Lower Upper
228 100
226 26.5 21.1 31.7
229 22.9 15.7 23.5



#83
Chrysene
Concen: 11.67 ng
RT: 21.533 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:228 Resp: 107924
Ion Ratio Lower Upper
228 100
226 30.1 23.4 35.0
229 22.2 15.7 23.5

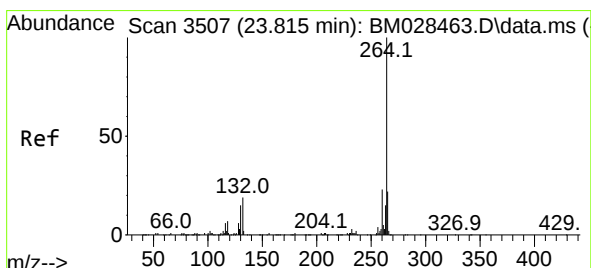
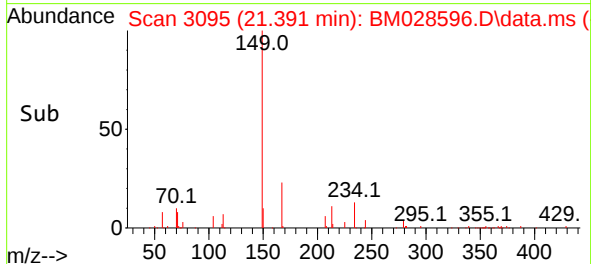
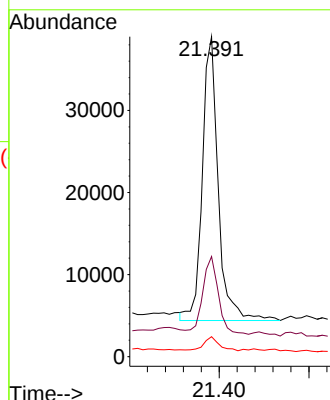
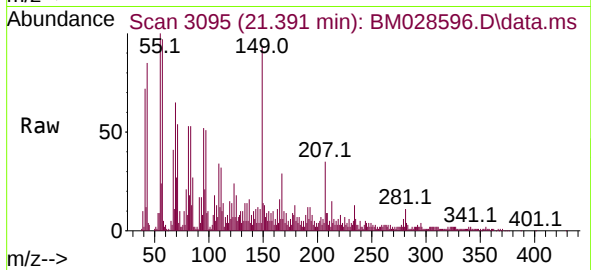




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.85 ng
RT: 21.391 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

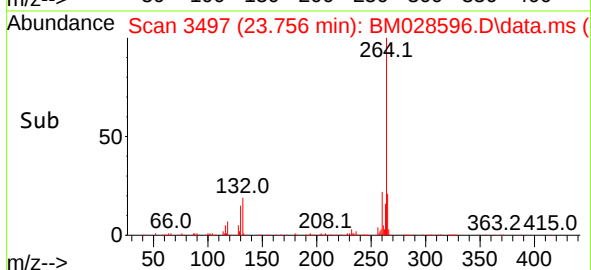
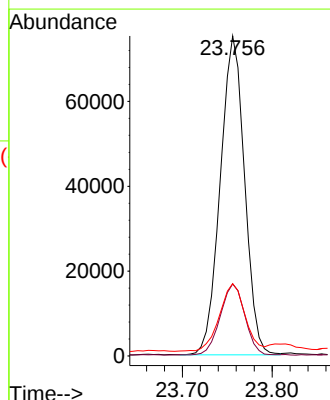
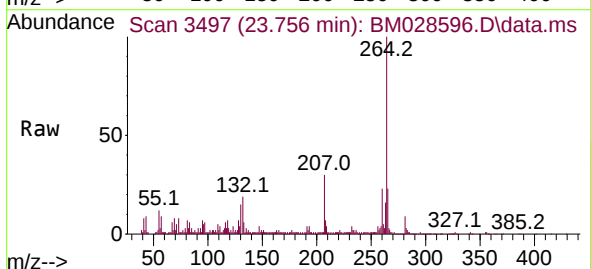
Instrument :
BNA_M
ClientSampleId :
VNJ-229

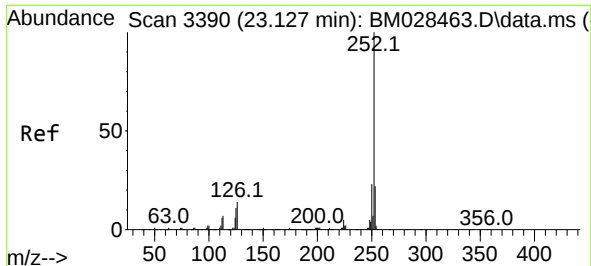
Tgt Ion:149 Resp: 42475
Ion Ratio Lower Upper
149 100
167 31.3 22.7 34.1
279 6.2 4.0 6.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.756 min Scan# 3497
Delta R.T. 0.006 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:264 Resp: 141133
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.4
265 22.6 17.7 26.5

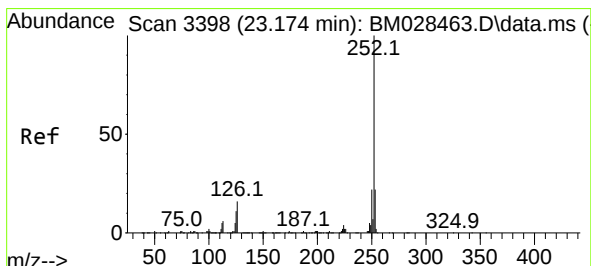
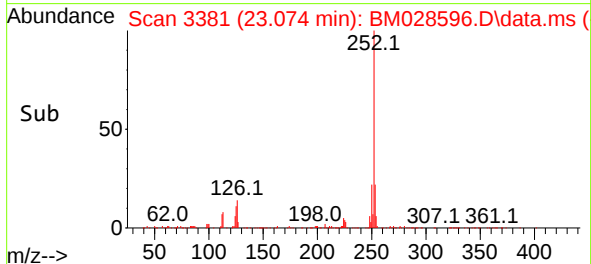
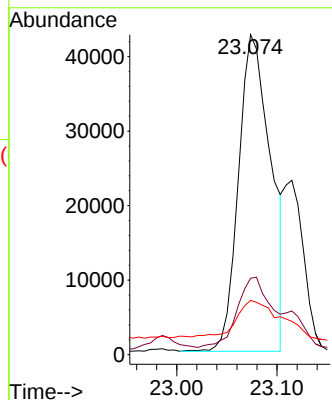
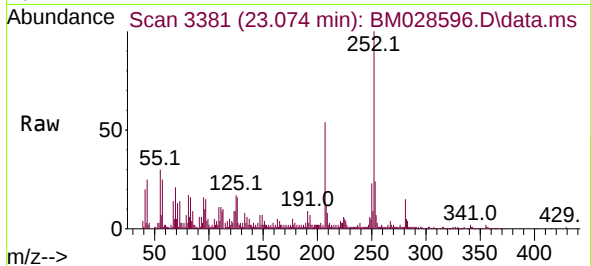




#88
Benzo(b)fluoranthene
Concen: 9.96 ng
RT: 23.074 min Scan# 3381
Delta R.T. -0.000 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

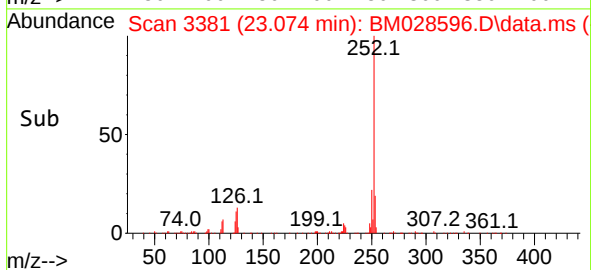
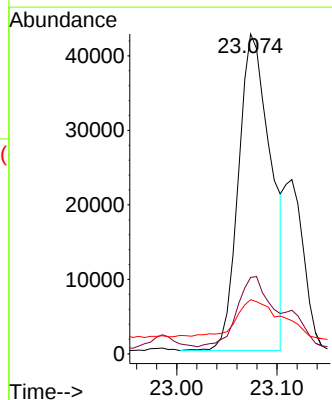
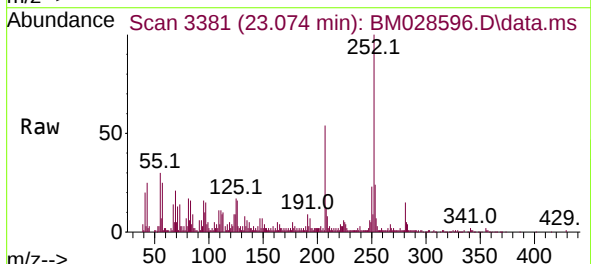
Instrument :
BNA_M
ClientSampled :
VNJ-229

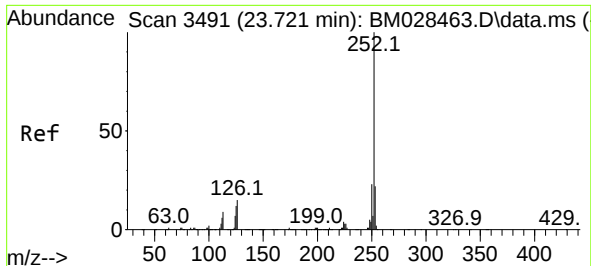
Tgt Ion:252 Resp: 95393
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 17.0 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 10.20 ng
RT: 23.074 min Scan# 3381
Delta R.T. -0.041 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:252 Resp: 95393
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 17.0 5.6 8.4#

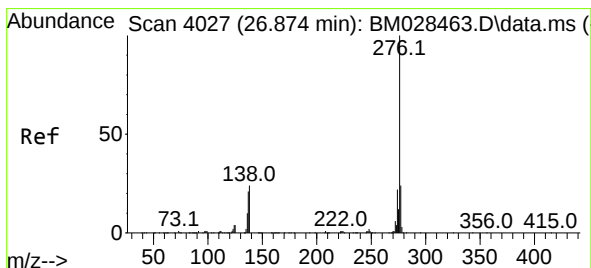
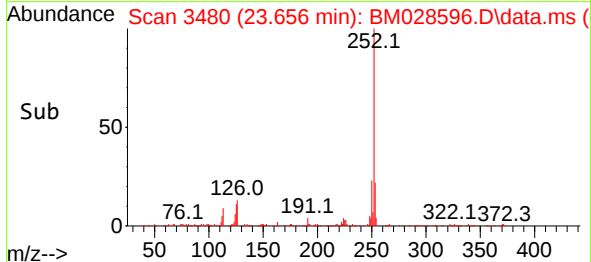
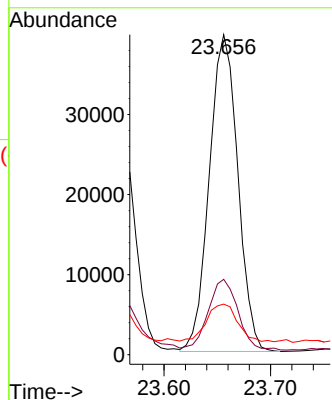
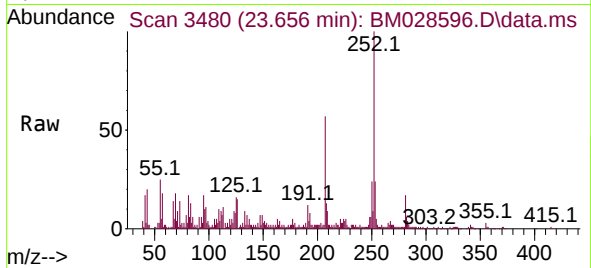




#90
Benzo(a)pyrene
Concen: 8.30 ng
RT: 23.656 min Scan# 3480
Delta R.T. -0.000 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Instrument :
BNA_M
ClientSampleId :
VNJ-229

Tgt Ion:252 Resp: 73718
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 15.8 6.6 9.8#



#92
Benzo(g,h,i)perylene
Concen: 4.66 ng
RT: 26.762 min Scan# 4008
Delta R.T. -0.012 min
Lab File: BM028596.D
Acq: 28 Jan 2021 20:22

Tgt Ion:276 Resp: 39883
Ion Ratio Lower Upper
276 100
277 26.5 18.6 28.0
138 25.7 12.2 18.2#

