

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
 Data File : BP019454.D
 Acq On : 26 Jan 2024 19:02
 Operator : MA/JU
 Sample : P1240-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-232

Quant Time: Jan 27 00:16:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 23:43:31 2024
 Response via : Initial Calibration

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

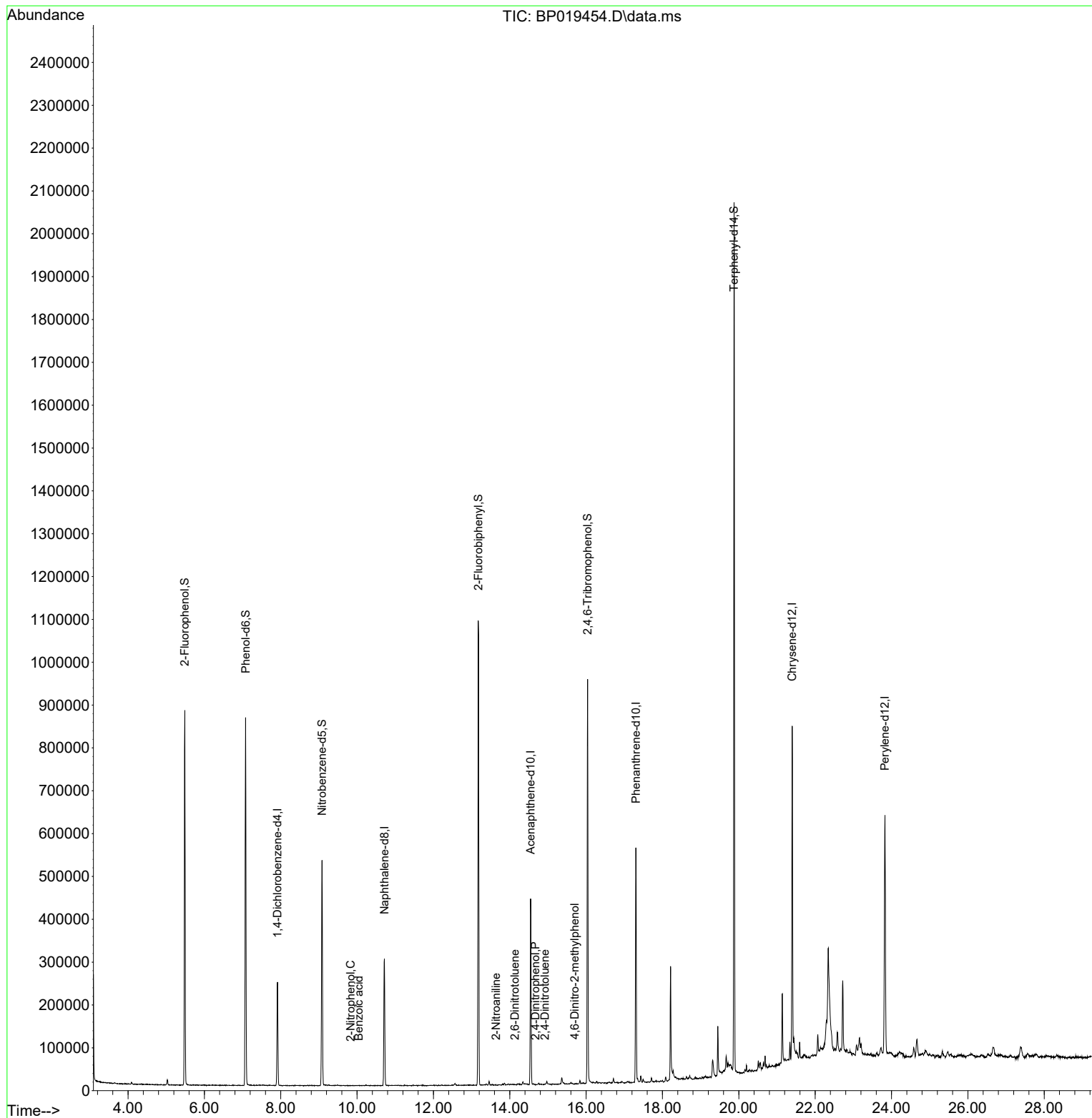
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	60224	20.000	ng	-0.01
21) Naphthalene-d8	10.716	136	230564	20.000	ng	-0.01
39) Acenaphthene-d10	14.546	164	140500	20.000	ng	-0.01
64) Phenanthrene-d10	17.304	188	319481	20.000	ng	-0.01
76) Chrysene-d12	21.398	240	351398	20.000	ng	-0.01
86) Perylene-d12	23.827	264	422003	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	323911	84.616	ng	-0.01
7) Phenol-d6	7.081	99	433507	76.666	ng	-0.01
23) Nitrobenzene-d5	9.081	82	291058	56.854	ng	-0.02
42) 2,4,6-Tribromophenol	16.040	330	149007	81.894	ng	-0.01
45) 2-Fluorobiphenyl	13.181	172	545242	51.436	ng	-0.01
79) Terphenyl-d14	19.875	244	937589	43.745	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.081	77	1328	Below Cal	#	15
26) 2-Nitrophenol	9.834	139	8	3.083	ng #	1
32) Benzoic acid	10.046	122	20	6.983	ng #	1
48) 2-Nitroaniline	13.640	65	96	4.173	ng #	50
51) 2,6-Dinitrotoluene	14.134	165	90	3.046	ng #	44
54) 2,4-Dinitrophenol	14.675	184	20	2.068	ng #	1
57) 2,4-Dinitrotoluene	14.922	165	588	3.879	ng #	67
65) 4,6-Dinitro-2-methylph...	15.698	198	6	8.130	ng #	1

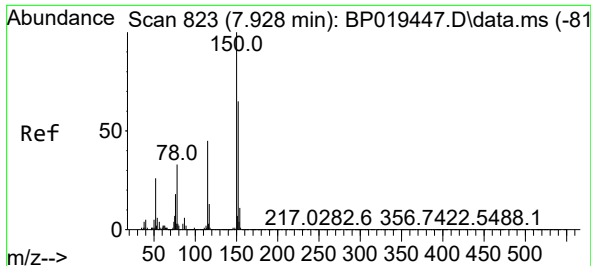
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
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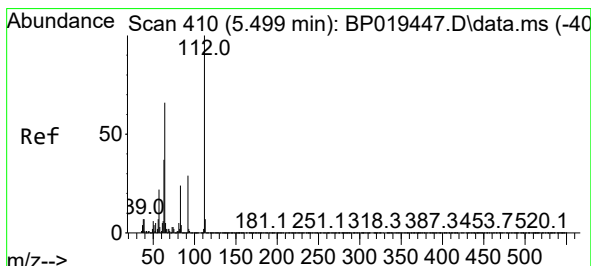
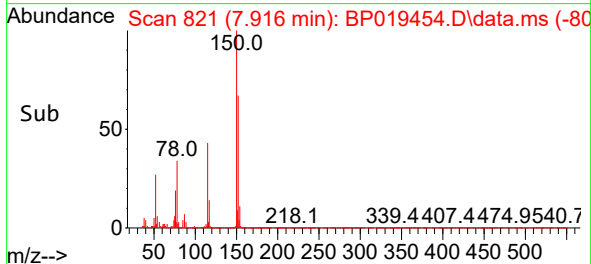
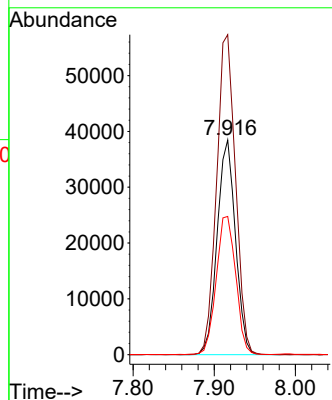
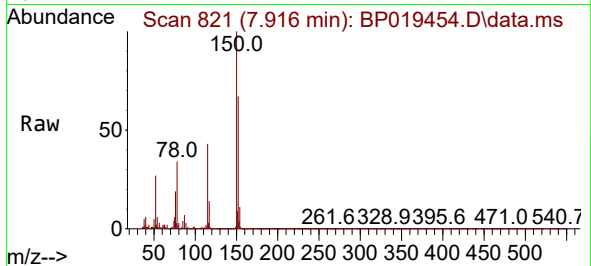




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

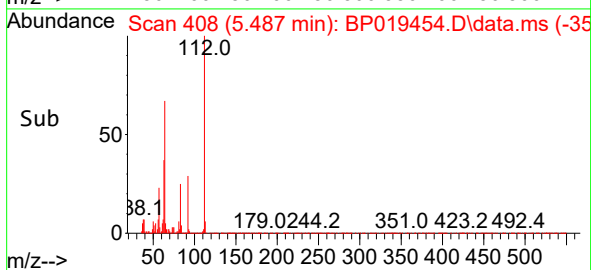
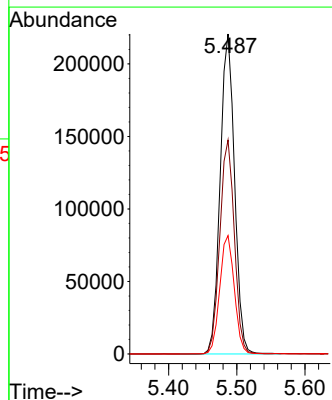
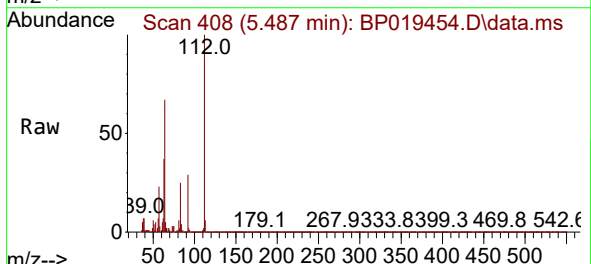
Instrument :
BNA_P
ClientSampleId :
VNJ-232

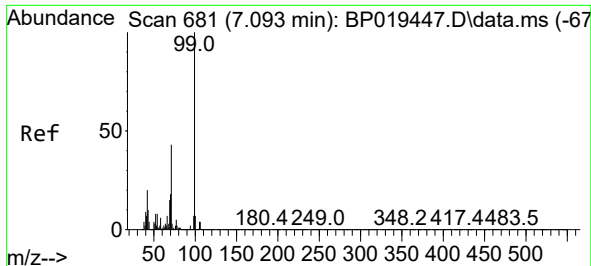
Tgt Ion:152 Resp: 60224
Ion Ratio Lower Upper
152 100
150 149.0 123.5 185.3
115 64.4 55.1 82.7



#5
2-Fluorophenol
Concen: 84.616 ng
RT: 5.487 min Scan# 408
Delta R.T. -0.012 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

Tgt Ion:112 Resp: 323911
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 37.0 29.4 44.0





#7

Phenol-d6

Concen: 76.666 ng

RT: 7.081 min Scan# 6

Delta R.T. -0.012 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

Instrument :

BNA_P

ClientSampleId :

VNJ-232

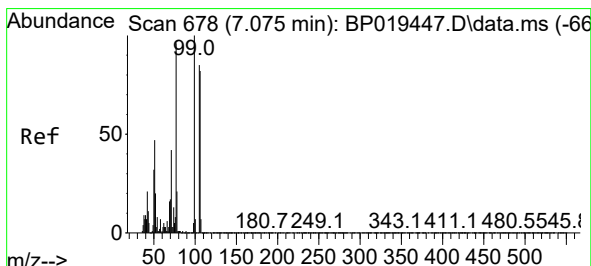
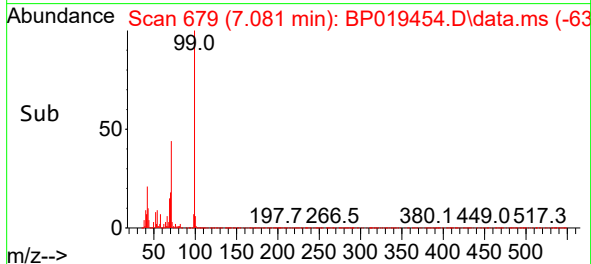
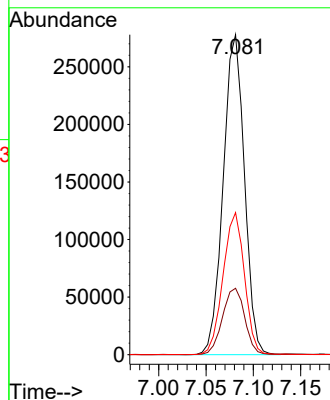
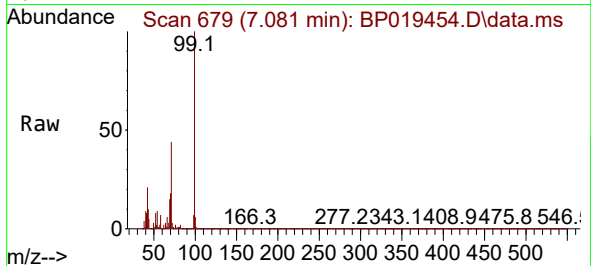
Tgt Ion: 99 Resp: 433507

Ion Ratio Lower Upper

99 100

42 20.8 16.4 24.6

71 44.4 34.6 52.0



#9

Benzaldehyde

Concen: Below Cal

RT: 7.081 min Scan# 679

Delta R.T. 0.006 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

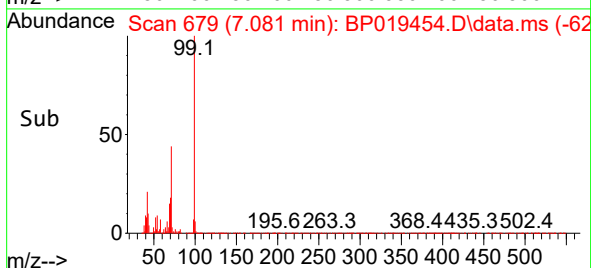
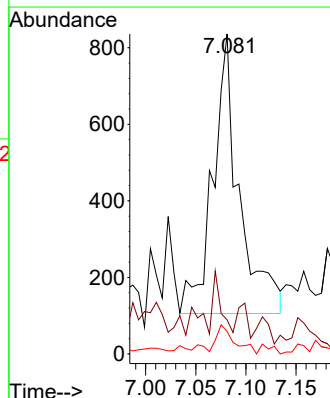
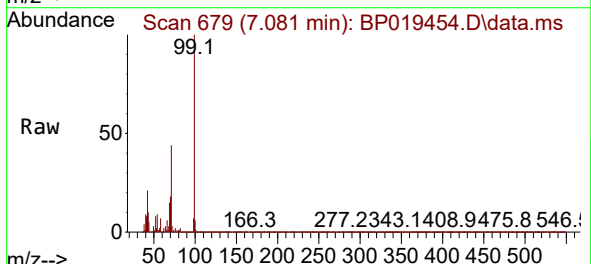
Tgt Ion: 77 Resp: 1328

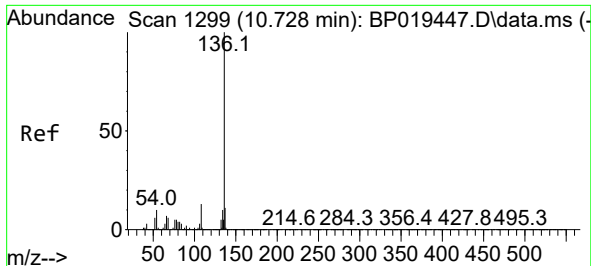
Ion Ratio Lower Upper

77 100

105 10.6 69.0 109.0#

106 7.1 65.1 105.1#

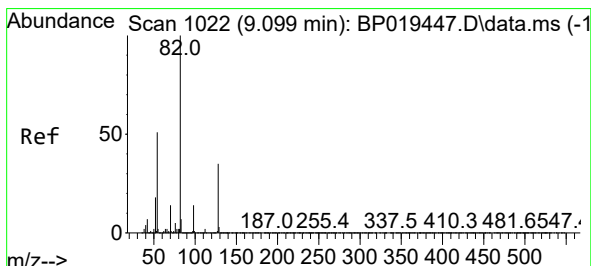
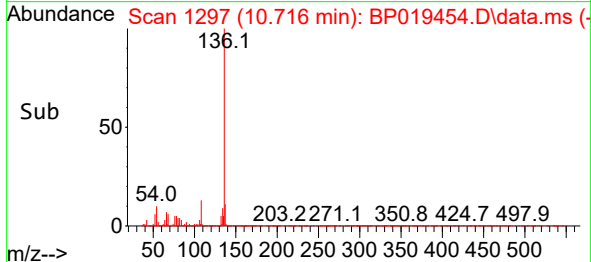
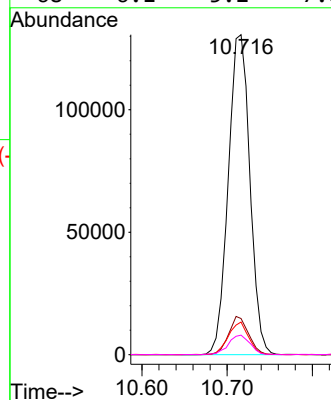
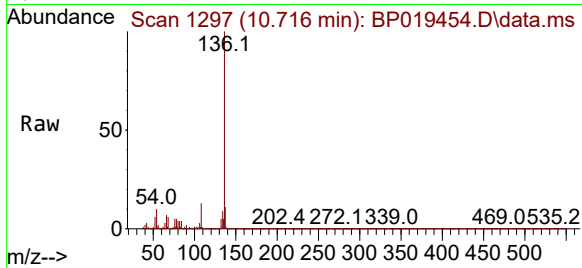




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

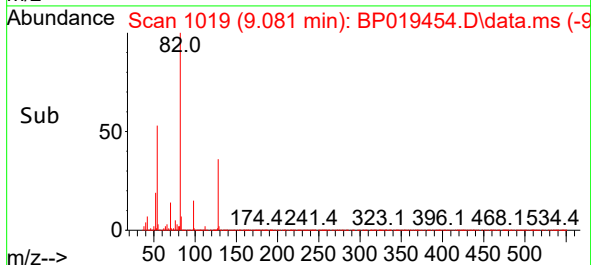
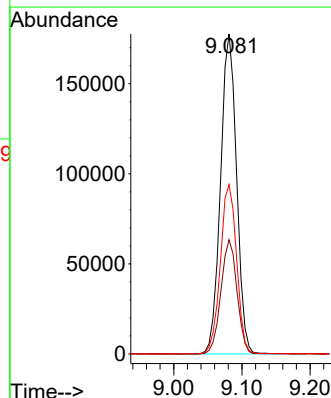
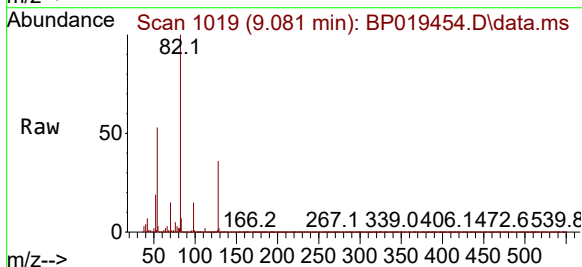
Instrument :
BNA_P
ClientSampleId :
VNJ-232

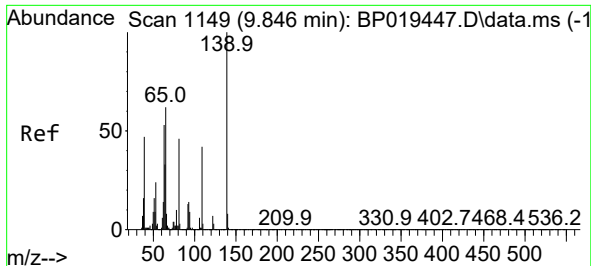
Tgt Ion:	136	Resp:	230564
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	10.2	7.8	11.6
68	6.1	5.2	7.8



#23
Nitrobenzene-d5
Concen: 56.854 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

Tgt Ion:	82	Resp:	291058
Ion Ratio	Lower	Upper	
82	100		
128	35.7	28.2	42.2
54	52.9	41.1	61.7

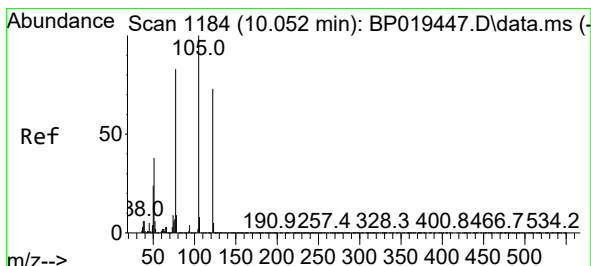
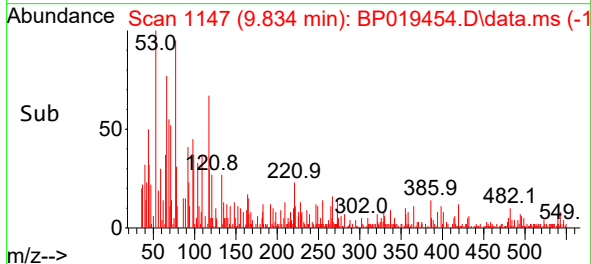
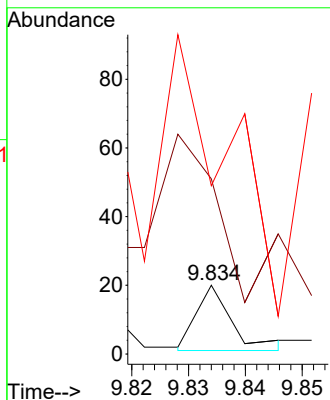
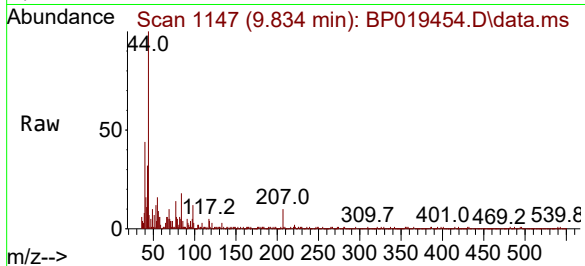




#26
2-Nitrophenol
Concen: 3.083 ng
RT: 9.834 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

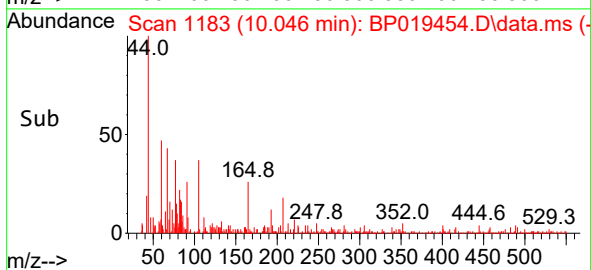
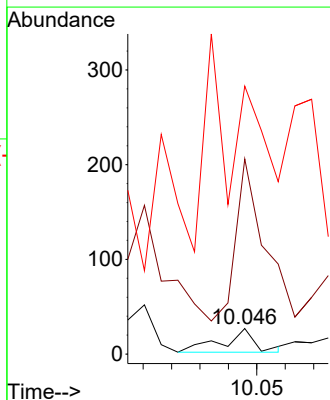
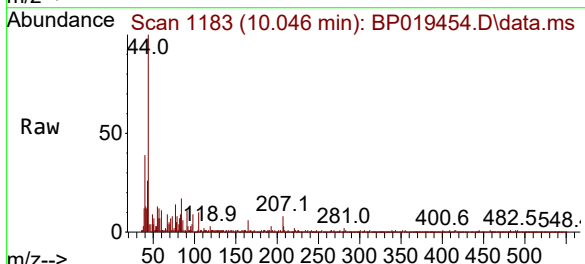
Instrument :
BNA_P
ClientSampleId :
VNJ-232

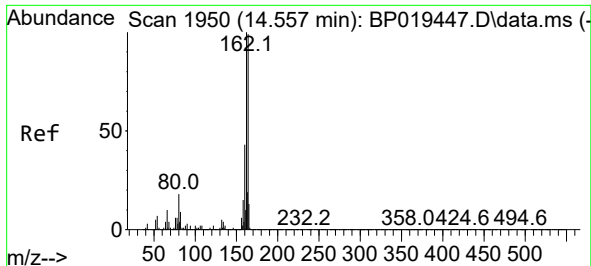
Tgt Ion:139 Resp: 8
Ion Ratio Lower Upper
139 100
109 255.0 33.5 50.3#
65 245.0 49.7 74.5#



#32
Benzoic acid
Concen: 6.983 ng
RT: 10.046 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

Tgt Ion:122 Resp: 20
Ion Ratio Lower Upper
122 100
105 763.0 115.0 155.0#
77 1048.1 91.6 131.6#

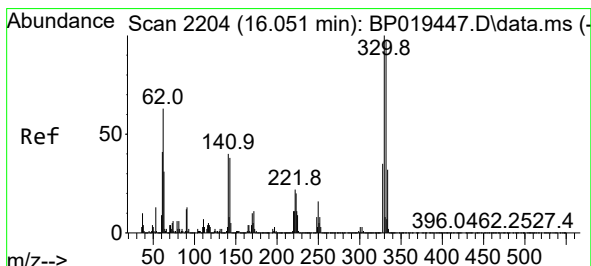
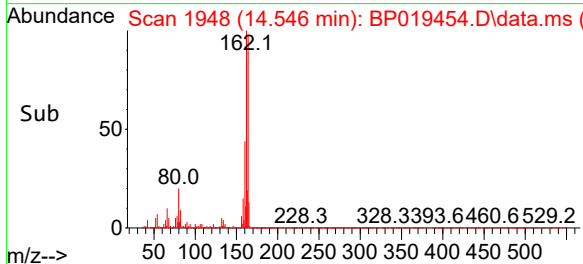
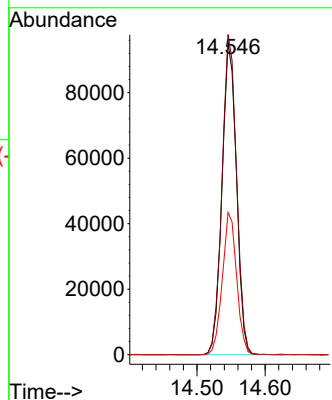
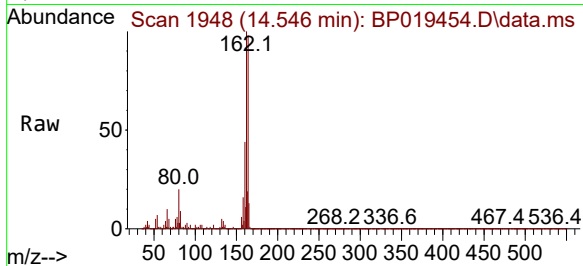




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1948
Delta R.T. -0.011 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

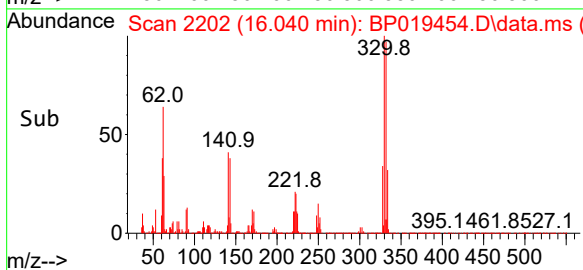
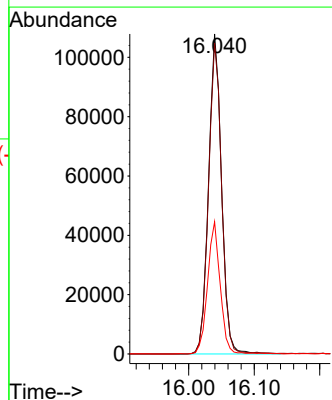
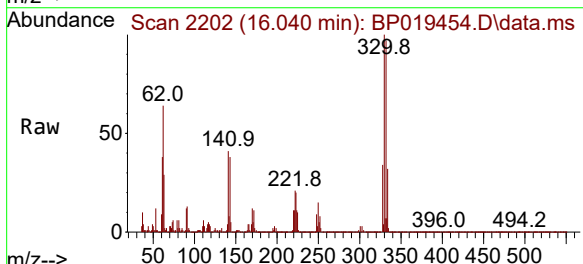
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ClientSampleId :
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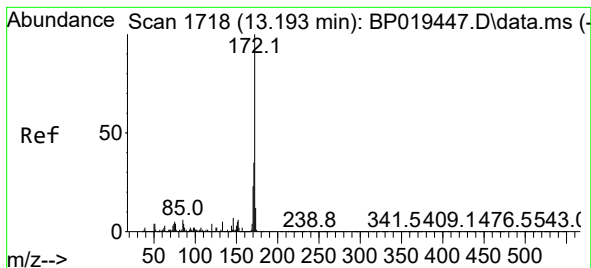
Tgt Ion:164 Resp: 140500
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 45.5 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 81.894 ng
RT: 16.040 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

Tgt Ion:330 Resp: 149007
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 40.3 30.9 46.3





#45

2-Fluorobiphenyl

Concen: 51.436 ng

RT: 13.181 min Scan# 1716

Delta R.T. -0.012 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

Instrument :

BNA_P

ClientSampleId :

VNJ-232

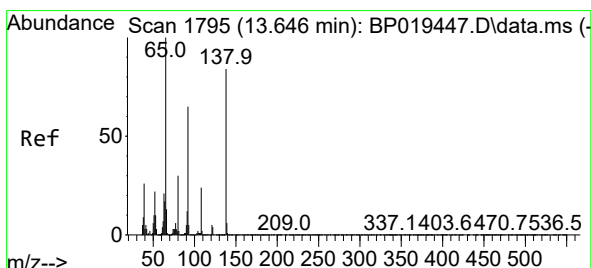
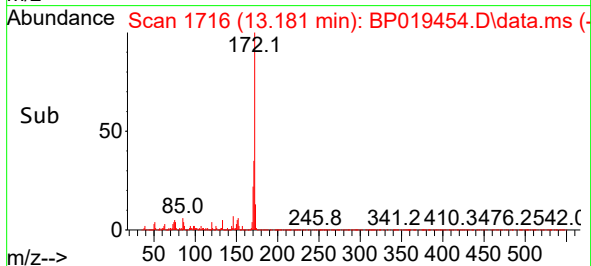
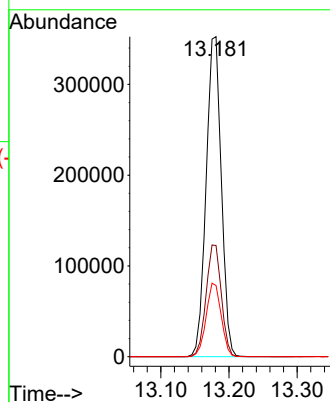
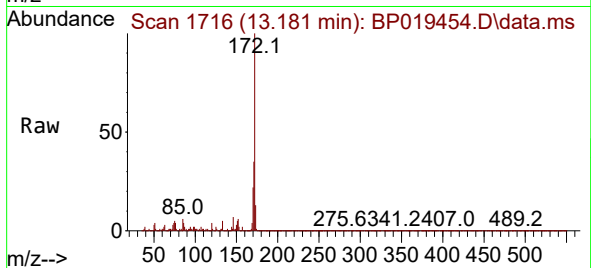
Tgt Ion:172 Resp: 545242

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 22.2 18.7 28.1



#48

2-Nitroaniline

Concen: 4.173 ng

RT: 13.640 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

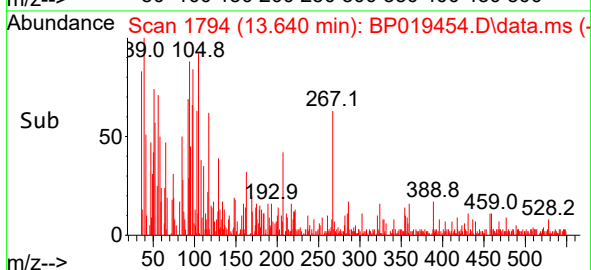
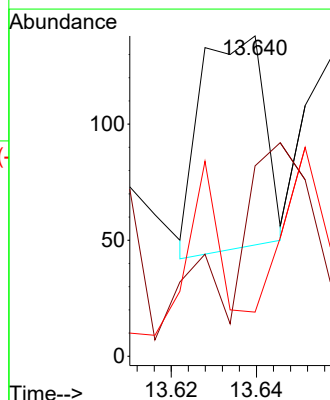
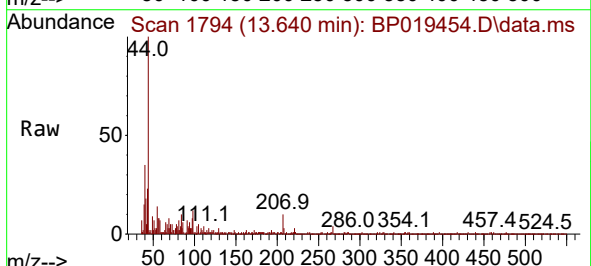
Tgt Ion: 65 Resp: 96

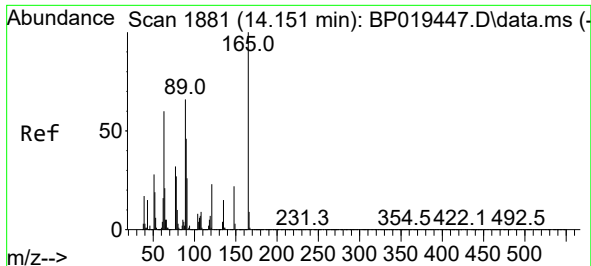
Ion Ratio Lower Upper

65 100

92 54.3 51.9 77.9

138 12.6 67.0 100.6#

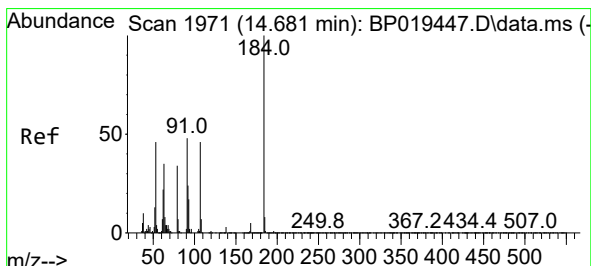
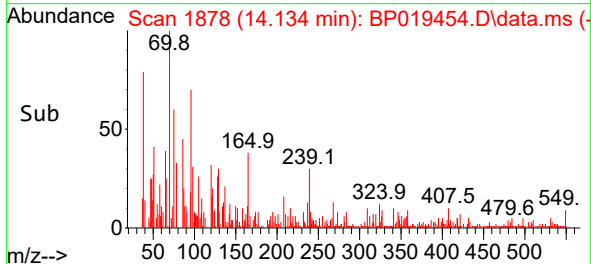
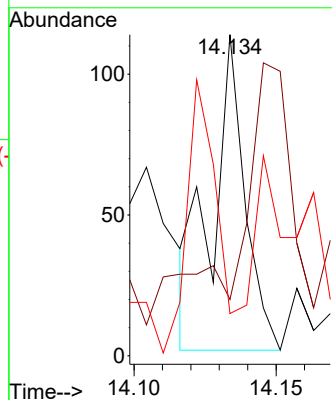
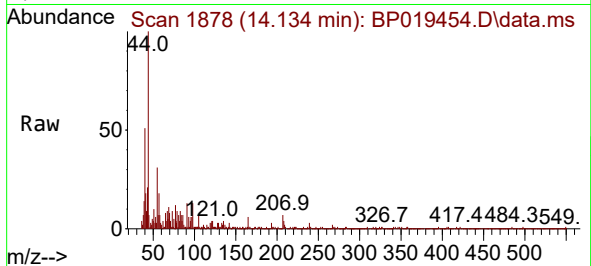




#51
2,6-Dinitrotoluene
Concen: 3.046 ng
RT: 14.134 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

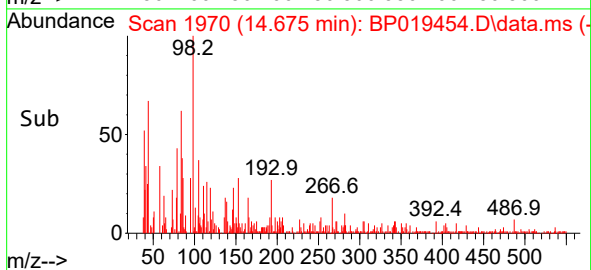
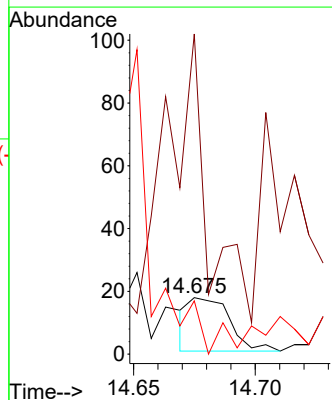
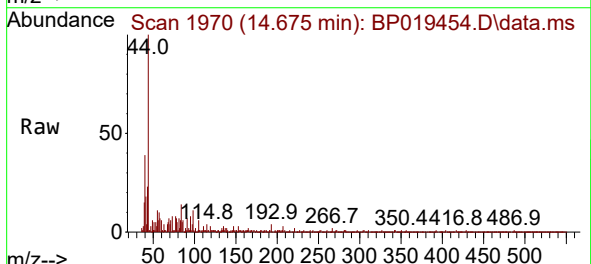
Instrument :
BNA_P
ClientSampleId :
VNJ-232

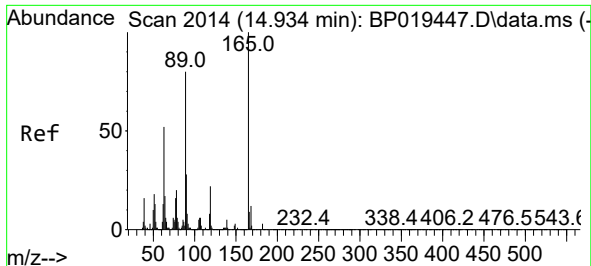
Tgt Ion:165 Resp: 90
Ion Ratio Lower Upper
165 100
63 32.5 55.6 83.4#
89 13.2 53.0 79.6#



#54
2,4-Dinitrophenol
Concen: 2.068 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 566.7 54.3 81.5#
154 94.4 51.1 76.7#





#57

2,4-Dinitrotoluene

Concen: 3.879 ng

RT: 14.922 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

Instrument :

BNA_P

ClientSampleId :

VNJ-232

Tgt Ion:165 Resp: 588

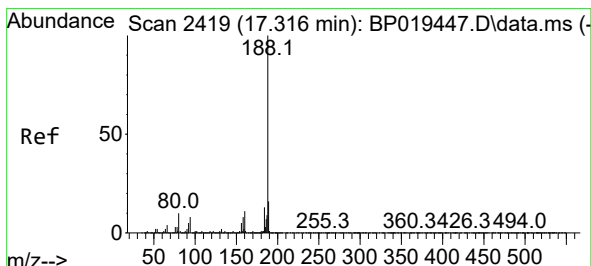
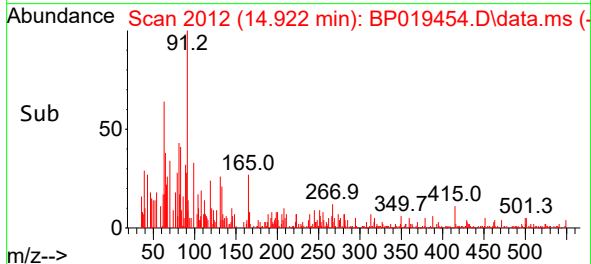
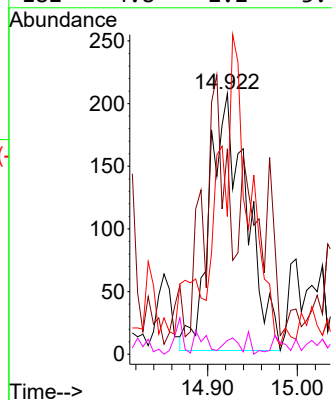
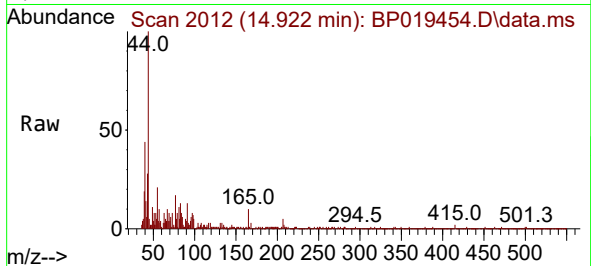
Ion Ratio Lower Upper

165 100

63 71.9 41.4 62.0#

89 48.2 64.2 96.4#

182 4.8 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

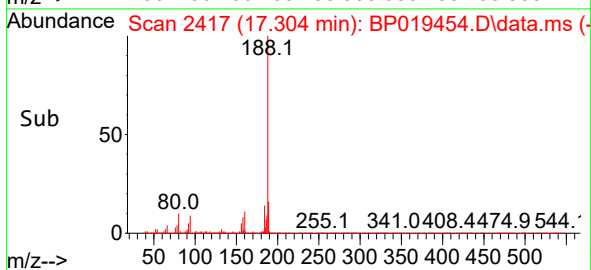
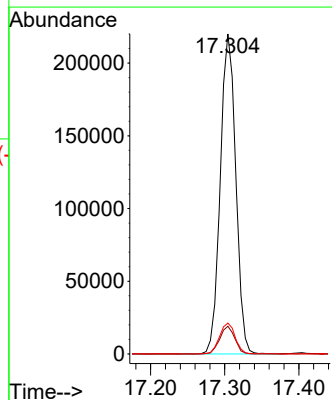
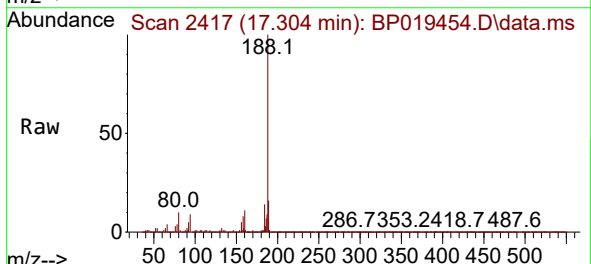
Tgt Ion:188 Resp: 319481

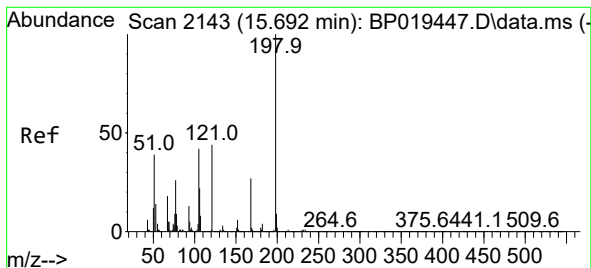
Ion Ratio Lower Upper

188 100

94 8.6 6.2 9.2

80 9.6 8.1 12.1

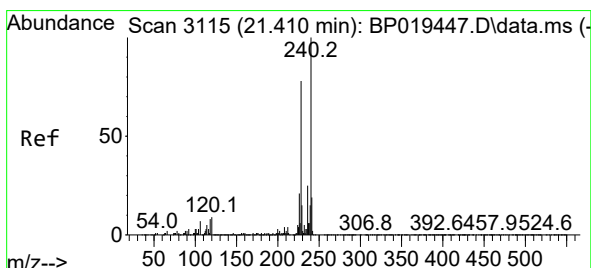
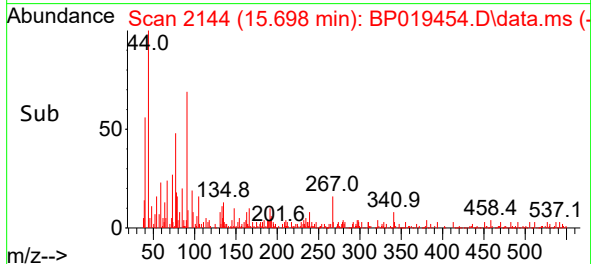
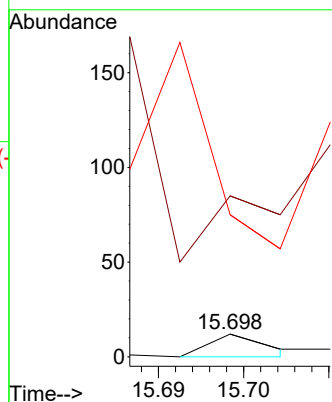
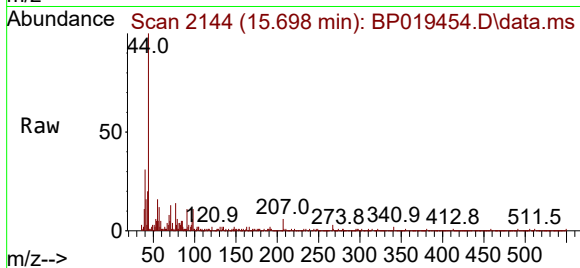




#65
4,6-Dinitro-2-methylphenol
Concen: 8.130 ng
RT: 15.698 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

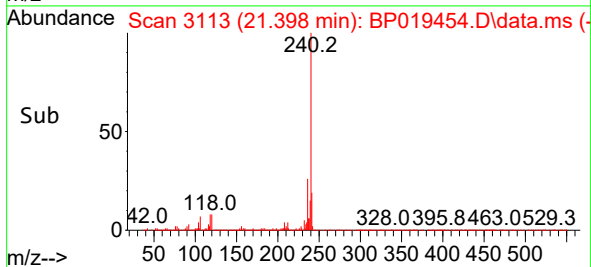
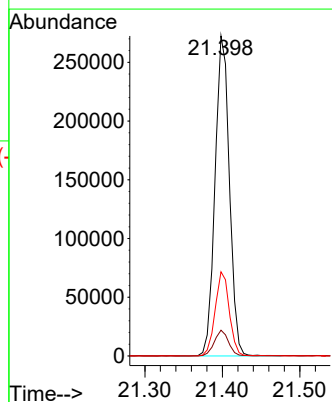
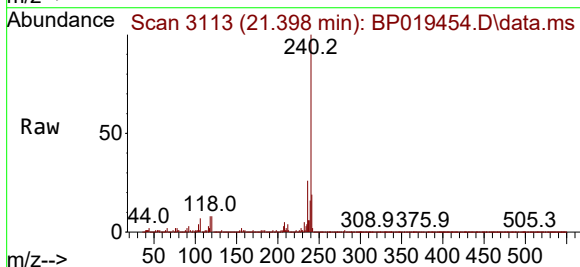
Instrument :
BNA_P
ClientSampleId :
VNJ-232

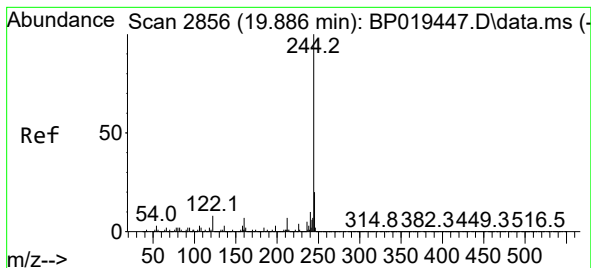
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 708.3 32.3 72.3#
105 625.0 24.1 64.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

Tgt Ion:240 Resp: 351398
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.3 19.8 29.8





#79

Terphenyl-d14

Concen: 43.745 ng

RT: 19.875 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

Instrument :

BNA_P

ClientSampleId :

VNJ-232

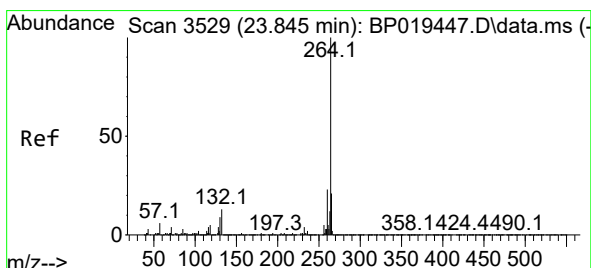
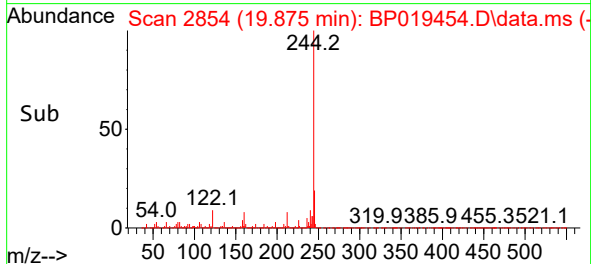
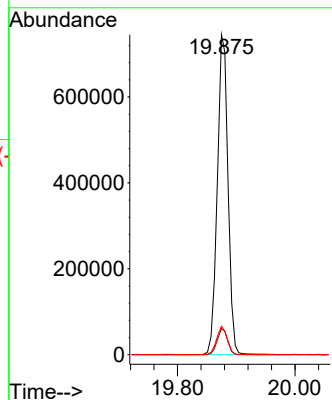
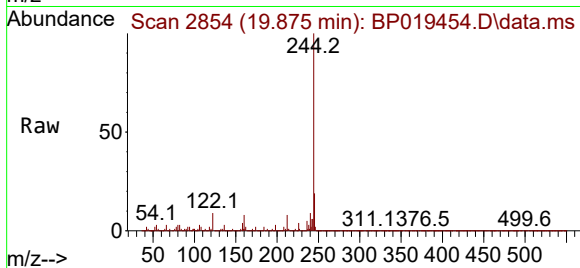
Tgt Ion:244 Resp: 937589

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

122 8.9 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3526

Delta R.T. -0.018 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

Tgt Ion:264 Resp: 422003

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 22.4 16.4 24.6

