

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
 Data File : BP019452.D
 Acq On : 26 Jan 2024 16:00
 Operator : MA/JU
 Sample : PB158491BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158491BL

Quant Time: Jan 27 00:15:29 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)

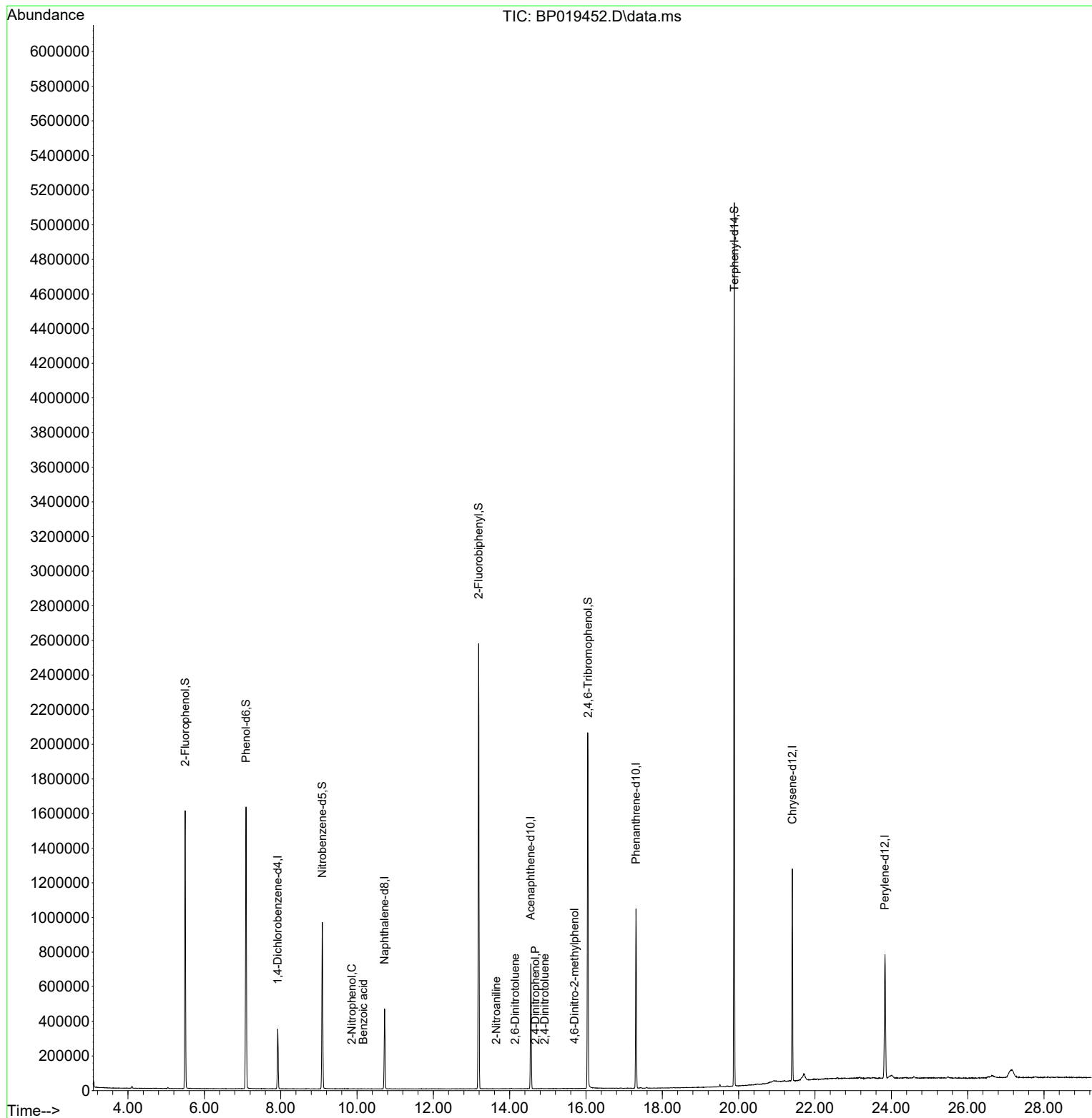
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	85512	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	347684	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	249456	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	599849	20.000	ng	0.00
76) Chrysene-d12	21.404	240	568735	20.000	ng	0.00
86) Perylene-d12	23.833	264	562598	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	590804	108.695	ng	0.00
7) Phenol-d6	7.092	99	820427	102.186	ng	0.00
23) Nitrobenzene-d5	9.092	82	540755	70.047	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	345165	106.845	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	1254764	66.668	ng	0.00
79) Terphenyl-d14	19.886	244	2415049	69.620	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.092	77	2156	Below Cal	#	12
26) 2-Nitrophenol	9.863	139	12	3.083 ng	#	1
32) Benzoic acid	10.163	122	78	6.993 ng		93
48) 2-Nitroaniline	13.651	65	175	4.174 ng	#	32
51) 2,6-Dinitrotoluene	14.139	165	84	3.030 ng	#	73
54) 2,4-Dinitrophenol	14.674	184	11	2.051 ng		91
57) 2,4-Dinitrotoluene	14.916	165	115	3.740 ng	#	49
65) 4,6-Dinitro-2-methylph...	15.698	198	18	8.132 ng	#	1

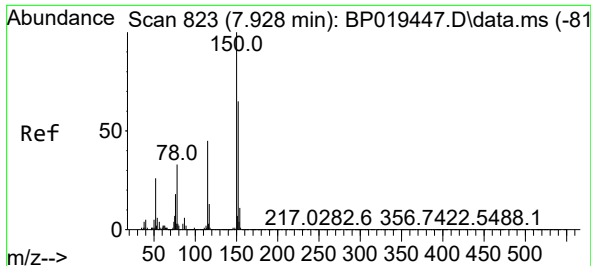
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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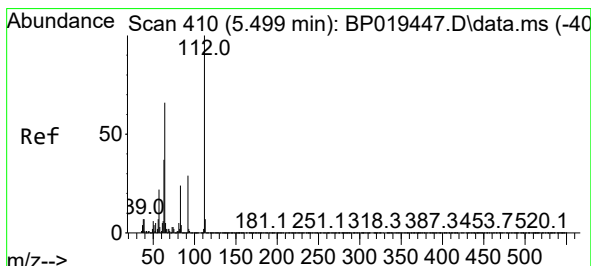
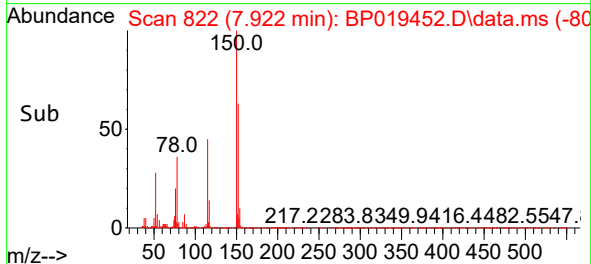
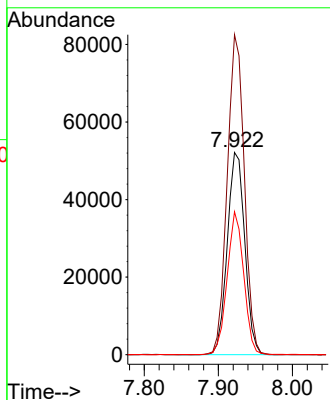
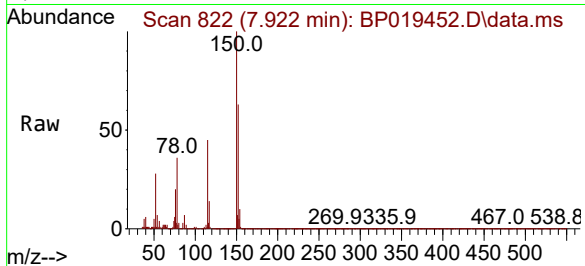




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

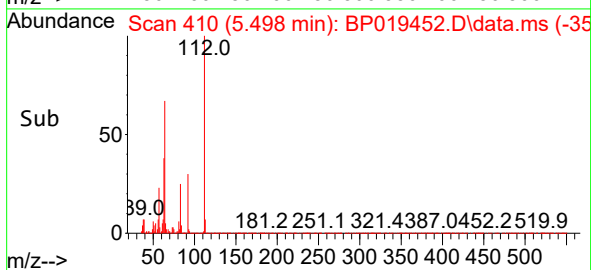
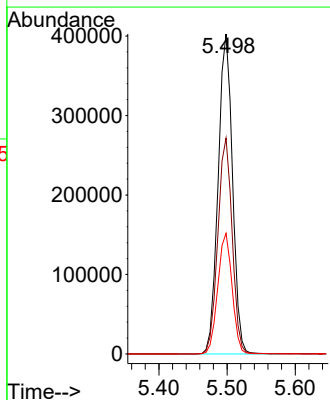
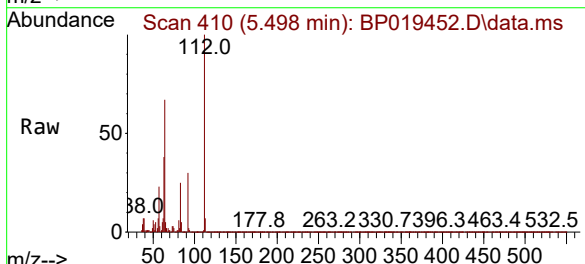
Instrument :
BNA_P
ClientSampleId :
PB158491BL

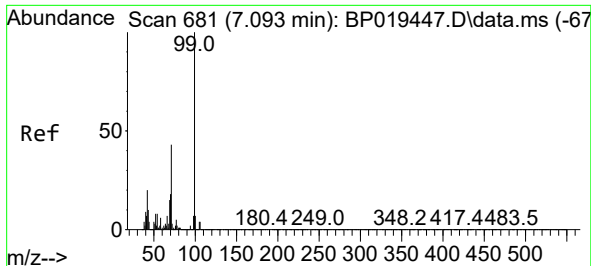
Tgt Ion:152 Resp: 85512
Ion Ratio Lower Upper
152 100
150 158.2 123.5 185.3
115 70.6 55.1 82.7



#5
2-Fluorophenol
Concen: 108.695 ng
RT: 5.498 min Scan# 410
Delta R.T. -0.000 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

Tgt Ion:112 Resp: 590804
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 37.7 29.4 44.0

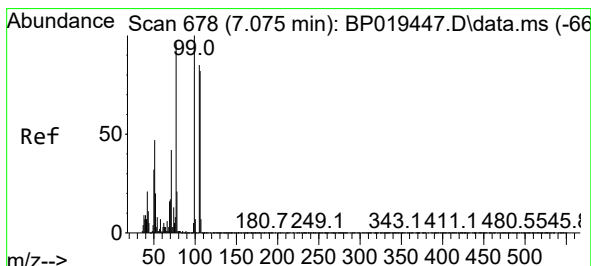
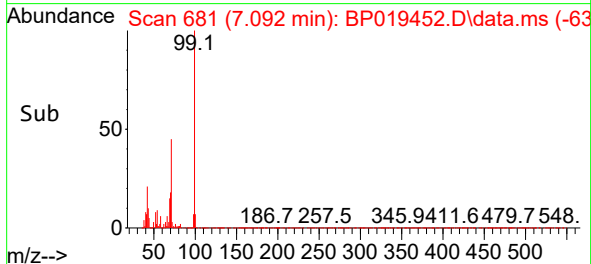
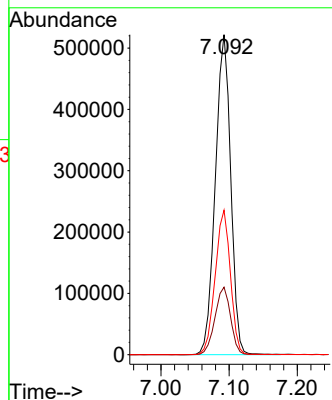
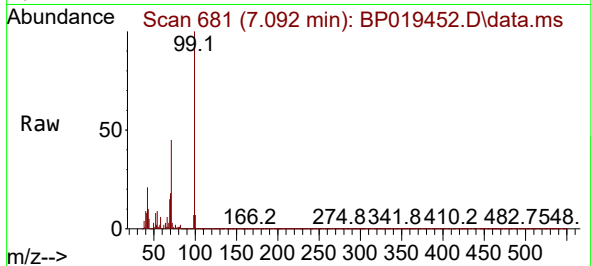




#7
Phenol-d6
Concen: 102.186 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

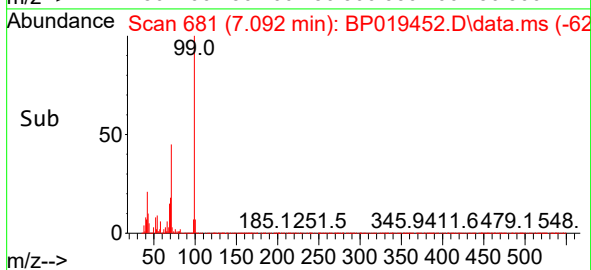
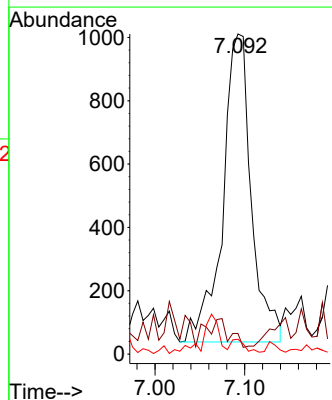
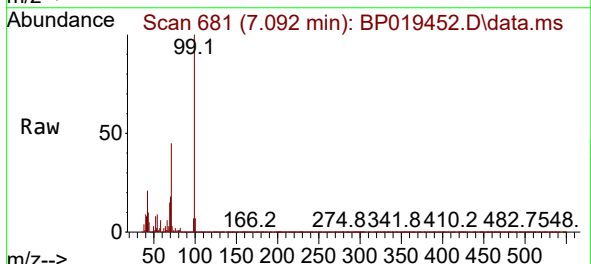
Instrument :
BNA_P
ClientSampleId :
PB158491BL

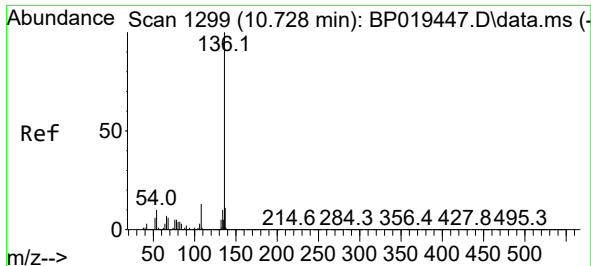
Tgt Ion: 99 Resp: 820427
Ion Ratio Lower Upper
99 100
42 21.1 16.4 24.6
71 45.2 34.6 52.0



#9
Benzaldehyde
Concen: Below Cal
RT: 7.092 min Scan# 681
Delta R.T. 0.017 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

Tgt Ion: 77 Resp: 2156
Ion Ratio Lower Upper
77 100
105 6.4 69.0 109.0#
106 4.6 65.1 105.1#

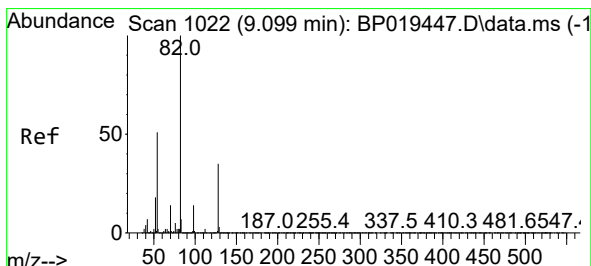
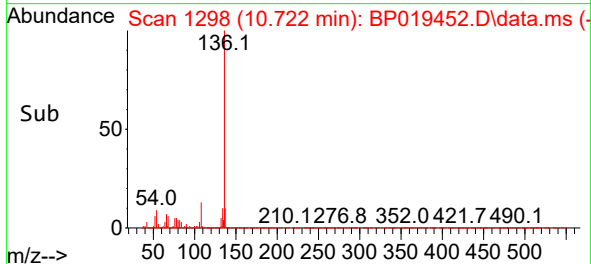
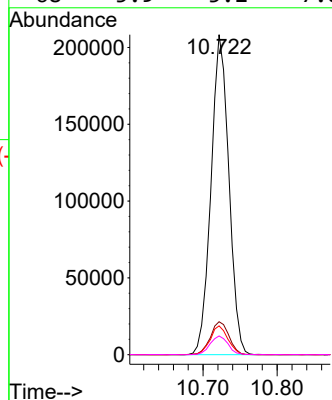
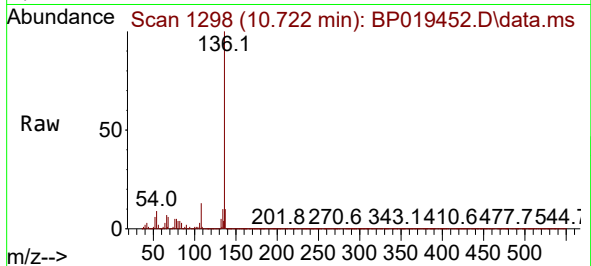




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

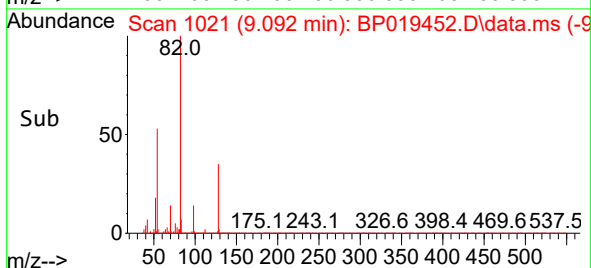
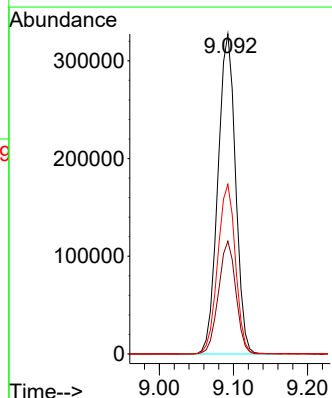
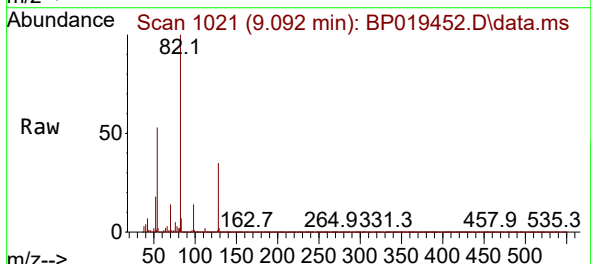
Instrument :
BNA_P
ClientSampleId :
PB158491BL

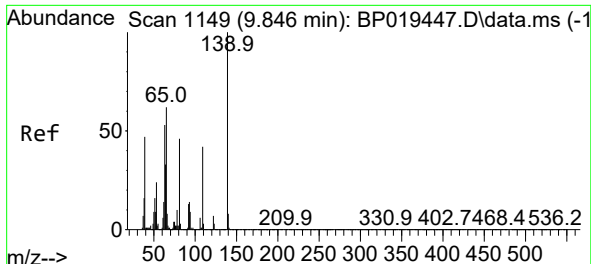
Tgt Ion:	136	Resp:	347684
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	9.0	7.8	11.6
68	5.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 70.047 ng
RT: 9.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

Tgt Ion:	82	Resp:	540755
Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.2	42.2
54	53.0	41.1	61.7

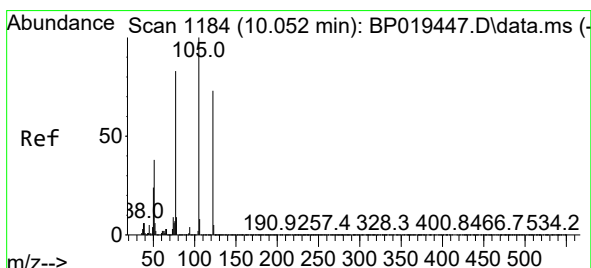
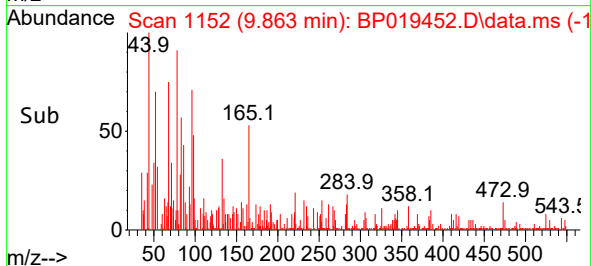
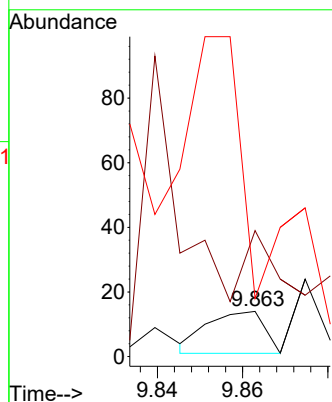
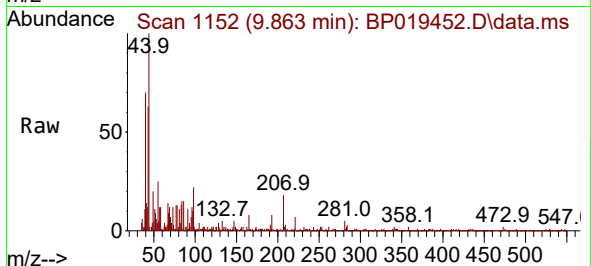




#26
2-Nitrophenol
Concen: 3.083 ng
RT: 9.863 min Scan# 1149
Delta R.T. 0.017 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

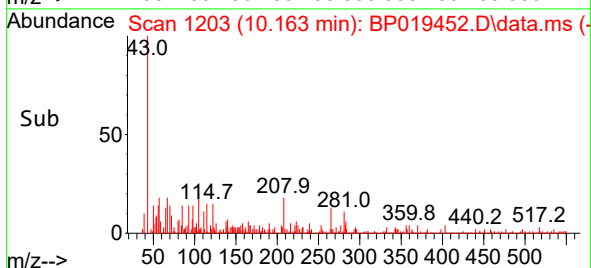
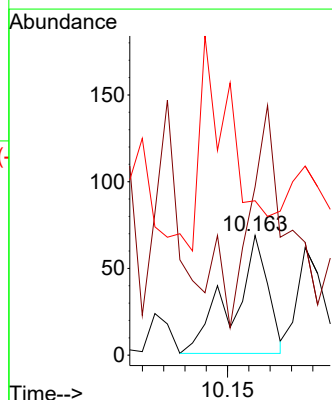
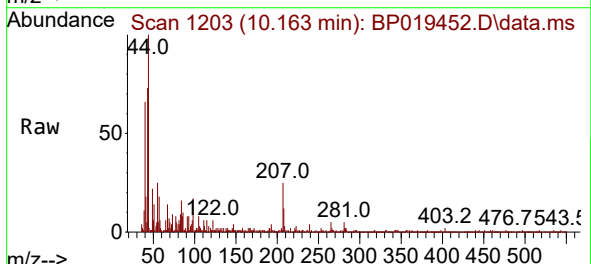
Instrument :
BNA_P
ClientSampleId :
PB158491BL

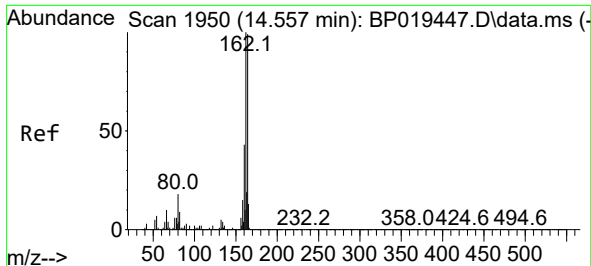
Tgt Ion:139 Resp: 12
Ion Ratio Lower Upper
139 100
109 278.6 33.5 50.3#
65 128.6 49.7 74.5#



#32
Benzoic acid
Concen: 6.993 ng
RT: 10.163 min Scan# 1203
Delta R.T. 0.111 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

Tgt Ion:122 Resp: 78
Ion Ratio Lower Upper
122 100
105 136.6 115.0 155.0
77 125.4 91.6 131.6

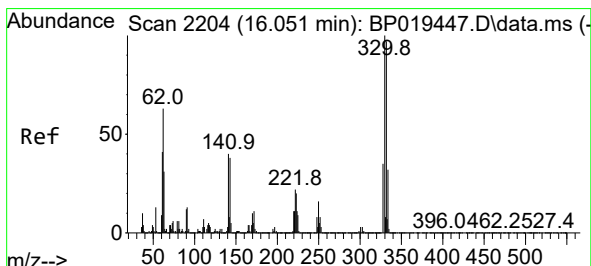
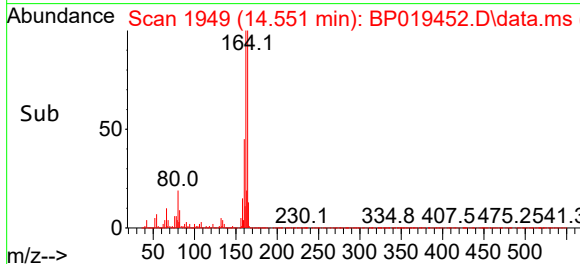
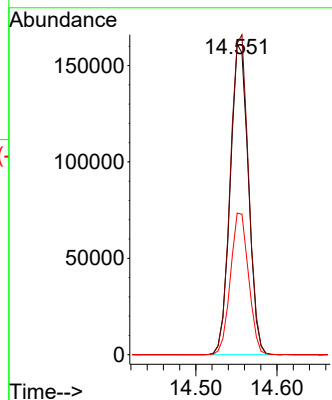
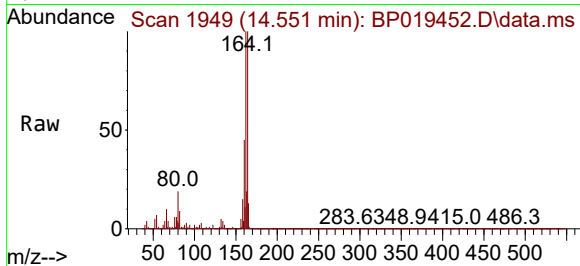




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

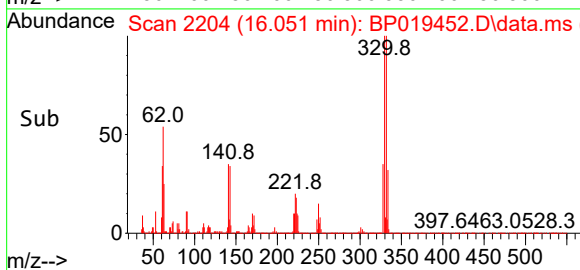
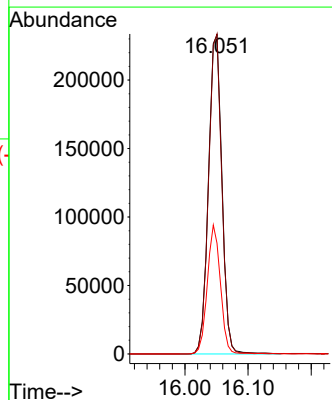
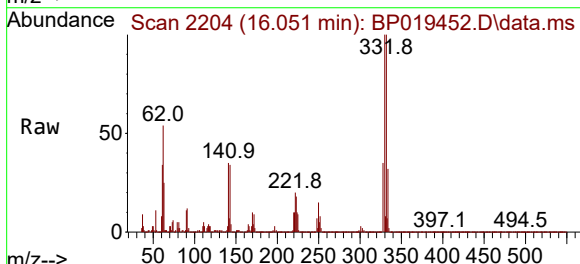
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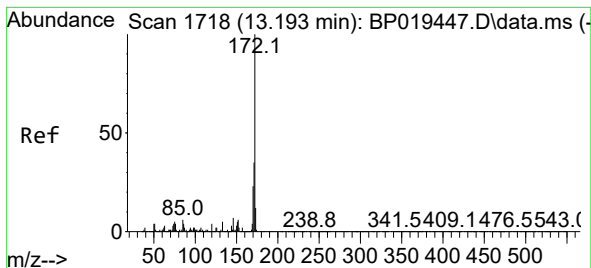
Tgt Ion:164 Resp: 249456
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 45.6 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 106.845 ng
RT: 16.051 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

Tgt Ion:330 Resp: 345165
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 39.4 30.9 46.3





#45

2-Fluorobiphenyl

Concen: 66.668 ng

RT: 13.186 min Scan# 1718

Delta R.T. -0.006 min

Lab File: BP019452.D

Acq: 26 Jan 2024 16:00

Instrument :

BNA_P

ClientSampleId :

PB158491BL

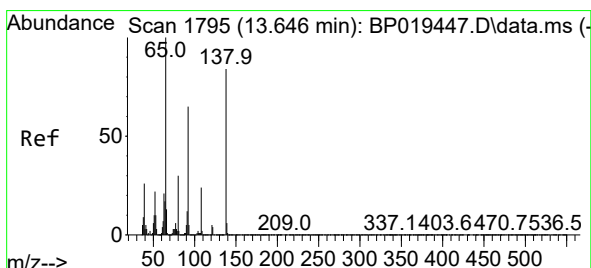
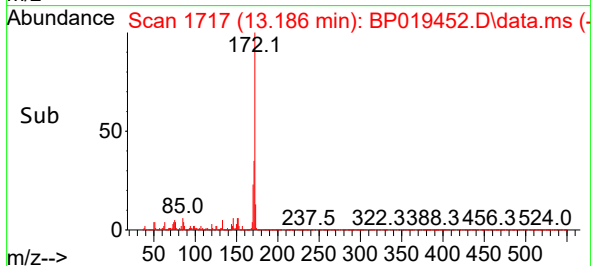
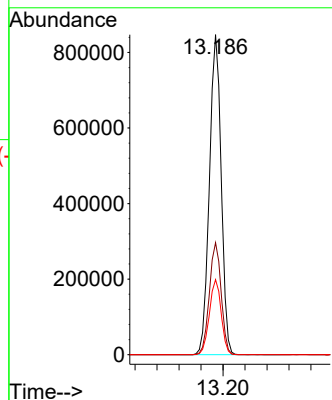
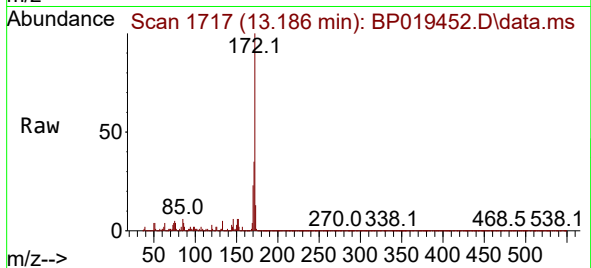
Tgt Ion:172 Resp: 1254764

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.4 18.7 28.1



#48

2-Nitroaniline

Concen: 4.174 ng

RT: 13.651 min Scan# 1796

Delta R.T. 0.005 min

Lab File: BP019452.D

Acq: 26 Jan 2024 16:00

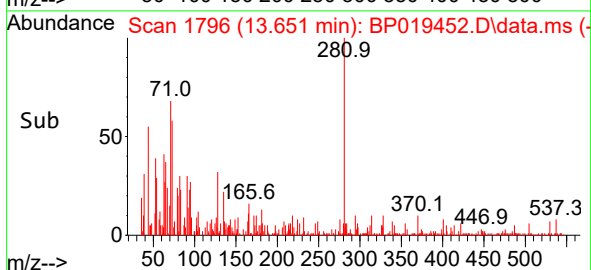
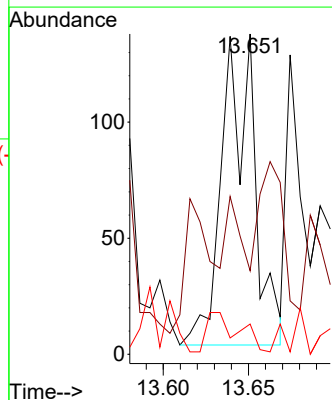
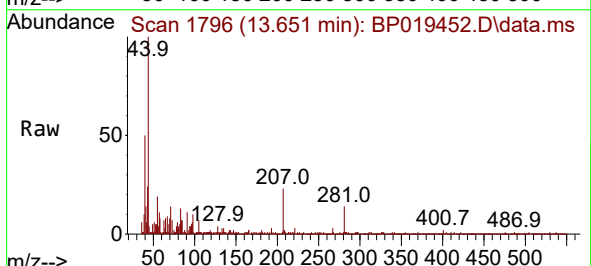
Tgt Ion: 65 Resp: 175

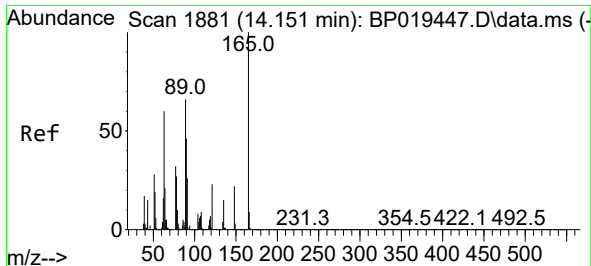
Ion Ratio Lower Upper

65 100

92 26.1 51.9 77.9#

138 9.4 67.0 100.6#

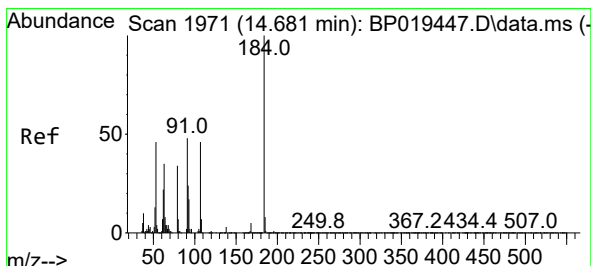
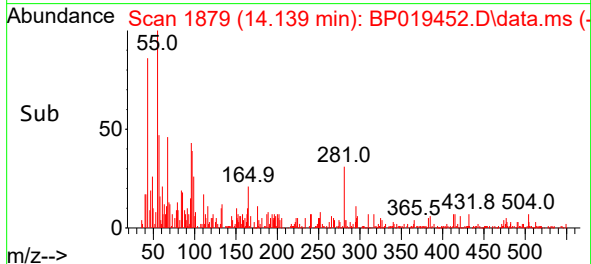
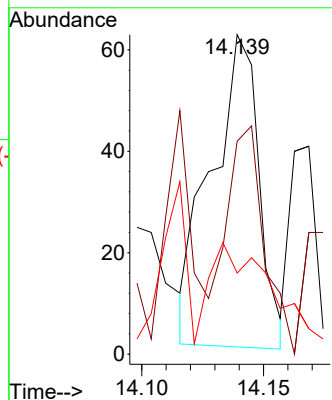
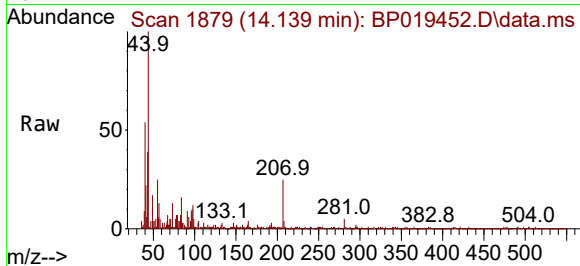




#51
2,6-Dinitrotoluene
Concen: 3.030 ng
RT: 14.139 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

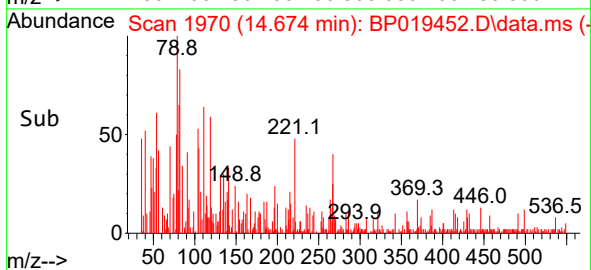
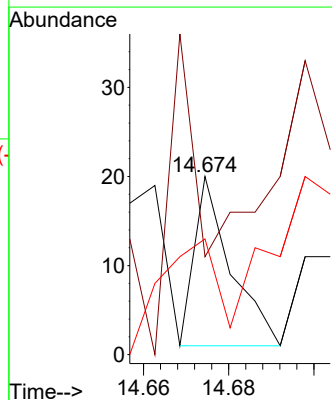
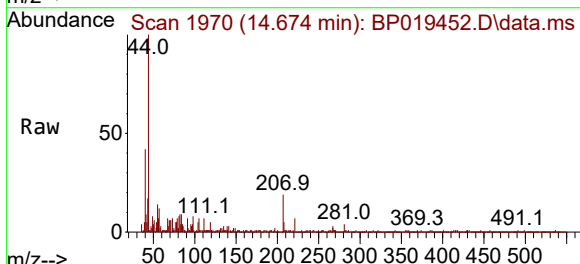
Instrument :
BNA_P
ClientSampleId :
PB158491BL

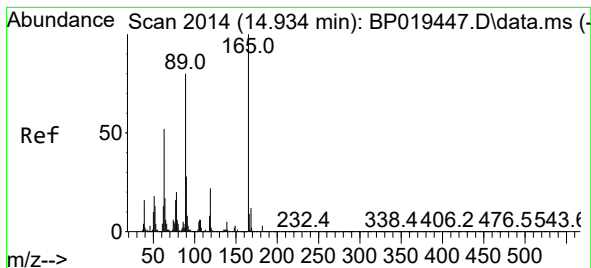
Tgt Ion:165 Resp: 84
Ion Ratio Lower Upper
165 100
63 66.7 55.6 83.4
89 25.4 53.0 79.6#



#54
2,4-Dinitrophenol
Concen: 2.051 ng
RT: 14.674 min Scan# 1970
Delta R.T. -0.007 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 55.0 54.3 81.5
154 65.0 51.1 76.7





#57

2,4-Dinitrotoluene

Concen: 3.740 ng

RT: 14.916 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BP019452.D

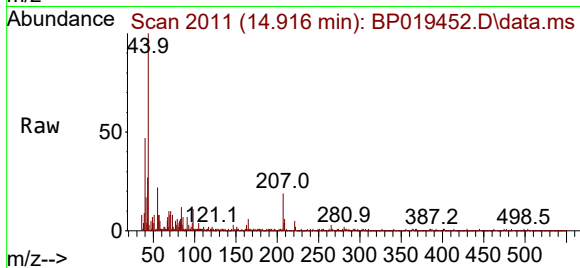
Acq: 26 Jan 2024 16:00

Instrument :

BNA_P

ClientSampleId :

PB158491BL



Tgt Ion:165 Resp: 115

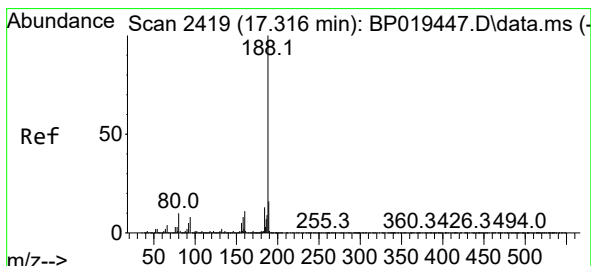
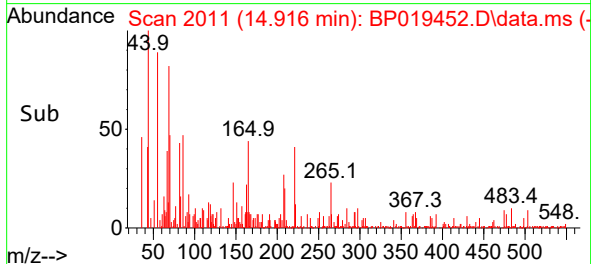
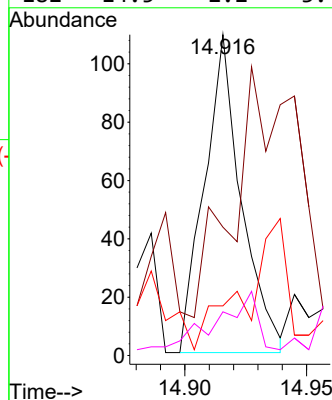
Ion Ratio Lower Upper

165 100

63 40.0 41.4 62.0#

89 15.5 64.2 96.4#

182 14.5 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP019452.D

Acq: 26 Jan 2024 16:00

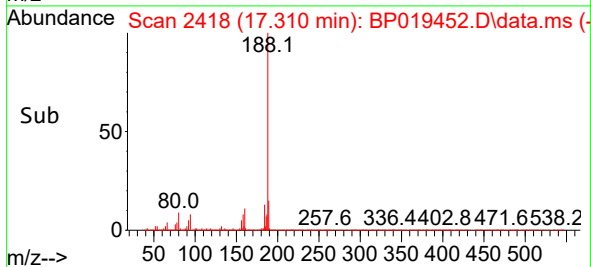
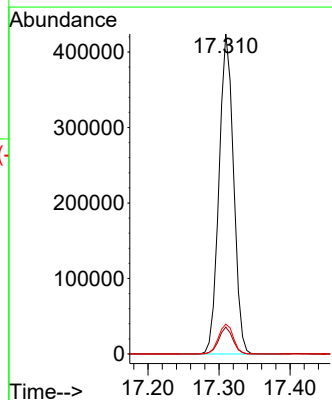
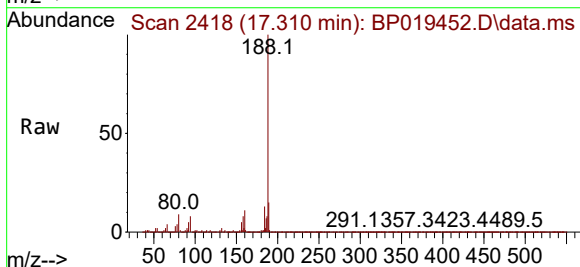
Tgt Ion:188 Resp: 599849

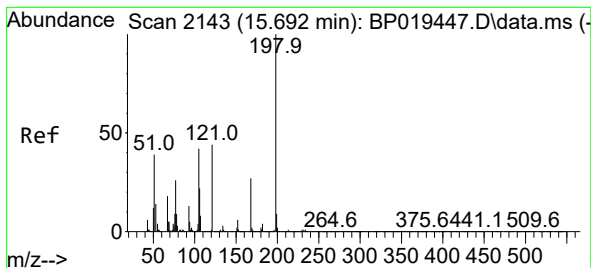
Ion Ratio Lower Upper

188 100

94 8.4 6.2 9.2

80 9.3 8.1 12.1

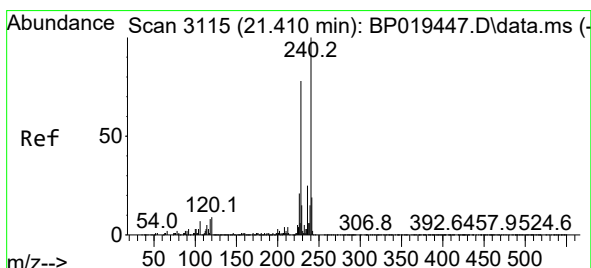
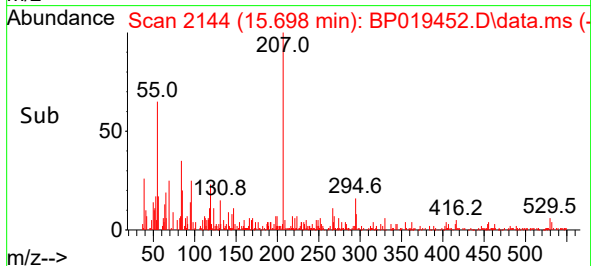
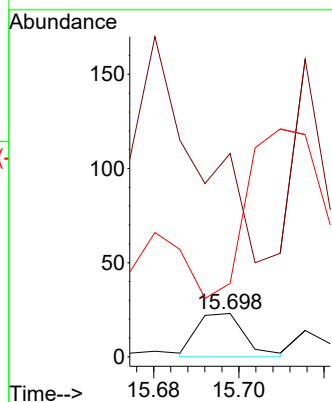
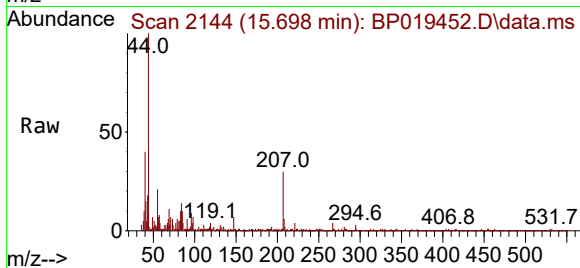




#65
4,6-Dinitro-2-methylphenol
Concen: 8.132 ng
RT: 15.698 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

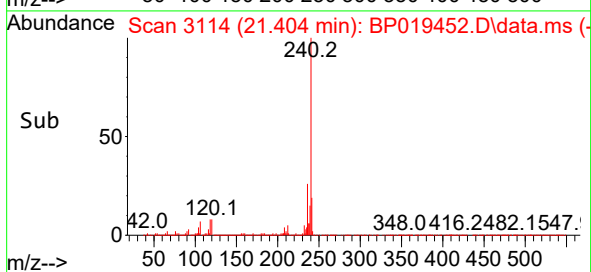
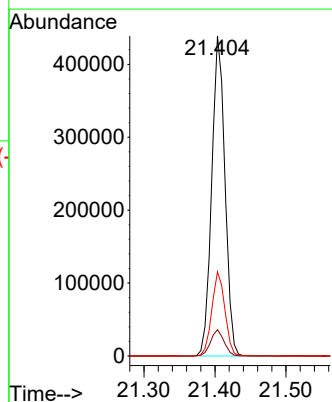
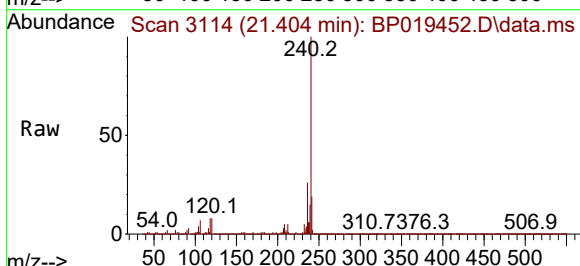
Instrument :
BNA_P
ClientSampleId :
PB158491BL

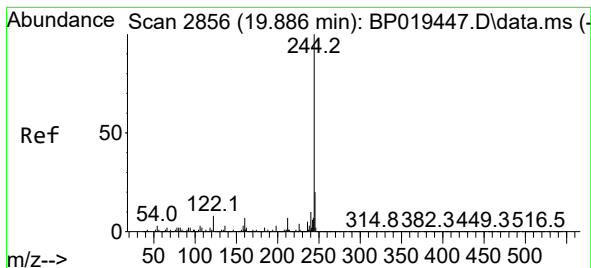
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 415.4 32.3 72.3#
105 150.0 24.1 64.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP019452.D
Acq: 26 Jan 2024 16:00

Tgt Ion:240 Resp: 568735
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.3 19.8 29.8





#79

Terphenyl-d14

Concen: 69.620 ng

RT: 19.886 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019452.D

Acq: 26 Jan 2024 16:00

Instrument :

BNA_P

ClientSampleId :

PB158491BL

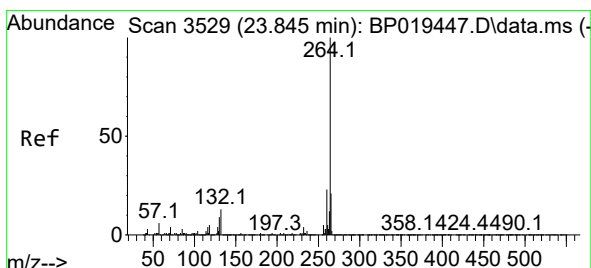
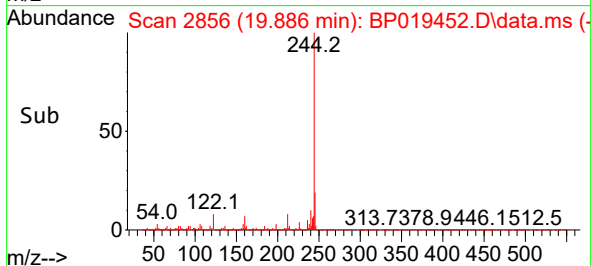
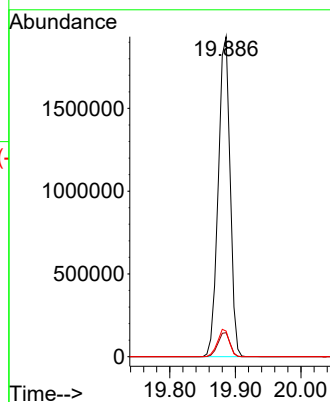
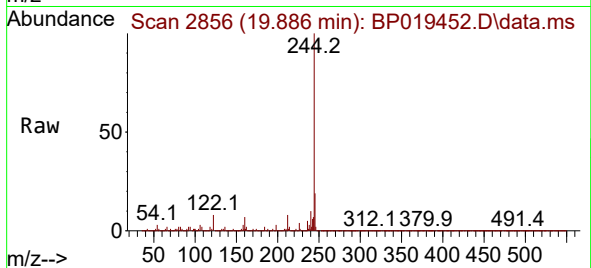
Tgt Ion:244 Resp: 2415049

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 8.0 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3527

Delta R.T. -0.012 min

Lab File: BP019452.D

Acq: 26 Jan 2024 16:00

Tgt Ion:264 Resp: 562598

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 21.3 16.4 24.6

