

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016457.D
 Acq On : 01 Aug 2023 15:38
 Operator : MA/JU
 Sample : 03686-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-22-18-20-20230721

Quant Time: Aug 01 16:40:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

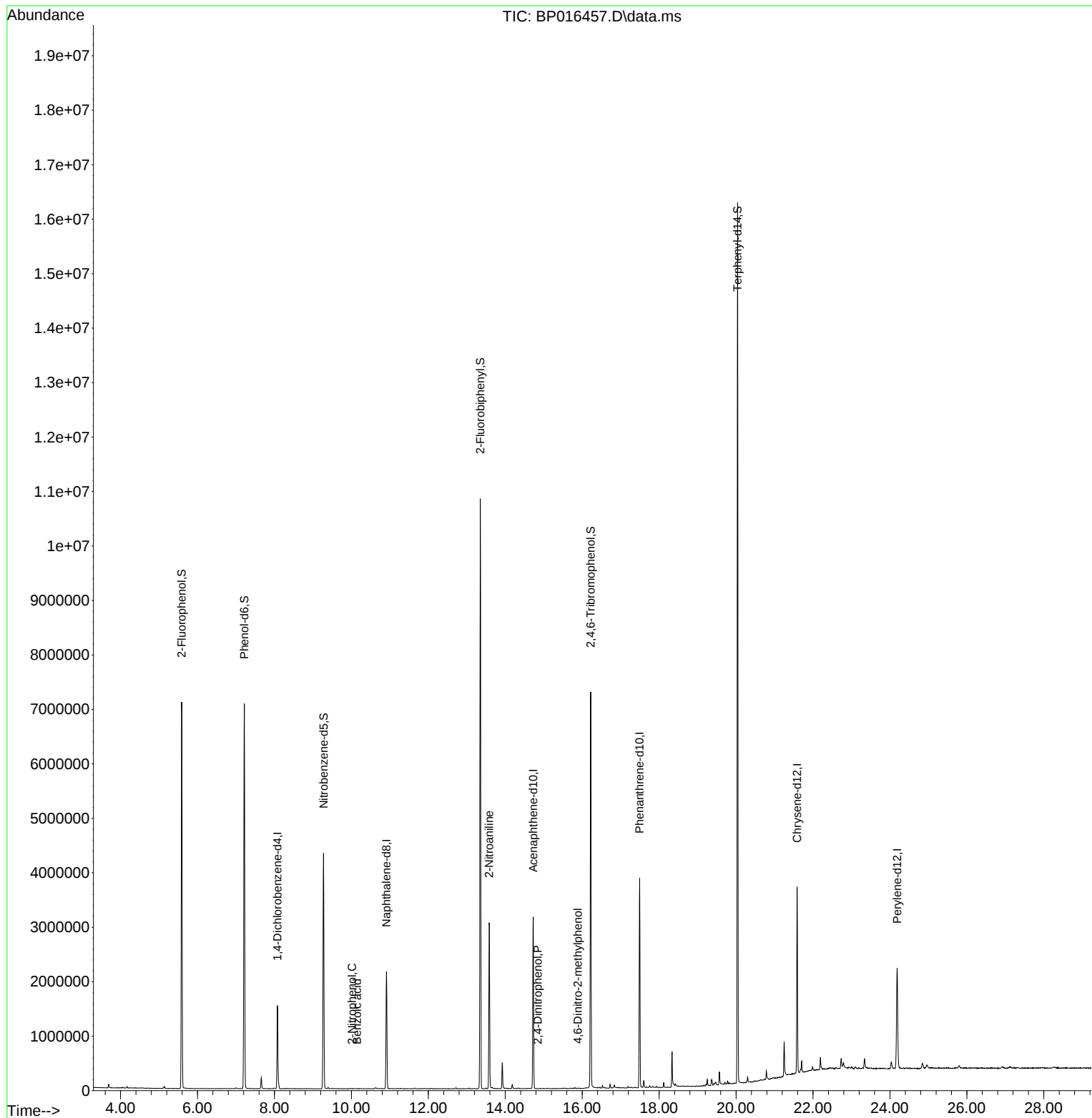
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	412772	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	1751209	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	1030796	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2170505	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1534569	20.000	ng	# 0.00
86) Perylene-d12	24.186	264	1433482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3248753	128.402	ng	-0.02
7) Phenol-d6	7.216	99	4286431	123.599	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2472274	79.028	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1314259	86.667	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	5410291	75.248	ng	-0.01
79) Terphenyl-d14	20.039	244	7334317	100.961	ng	0.00
Target Compounds						
9) Benzaldehyde	7.211	77	7620	Below Cal	Qvalue	# 2
26) 2-Nitrophenol	10.016	139	11	3.126 ng	#	1
32) Benzoic acid	10.146	122	145	6.293 ng	#	1
48) 2-Nitroaniline	13.581	65	53847	3.222 ng	#	10
54) 2,4-Dinitrophenol	14.846	184	7	8.002 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.887	198	13	6.303 ng	#	1

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

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ALS Vial : 15 Sample Multiplier: 1

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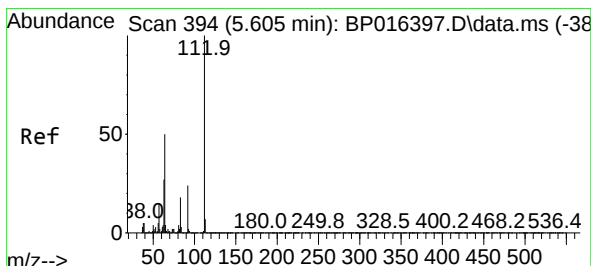
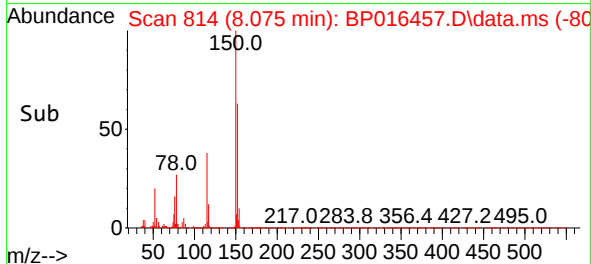
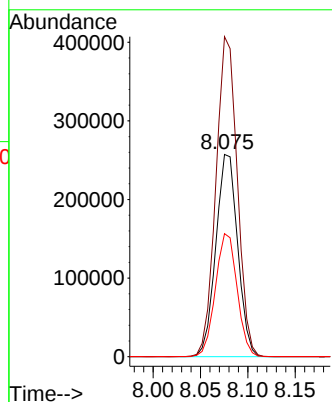
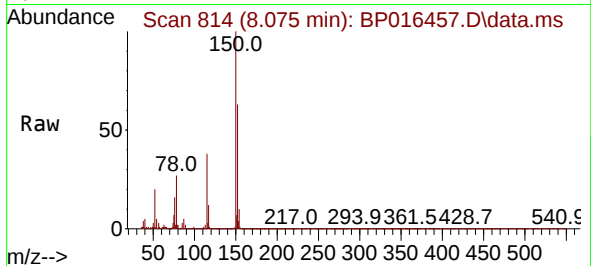




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016457.D
Acq: 01 Aug 2023 15:38

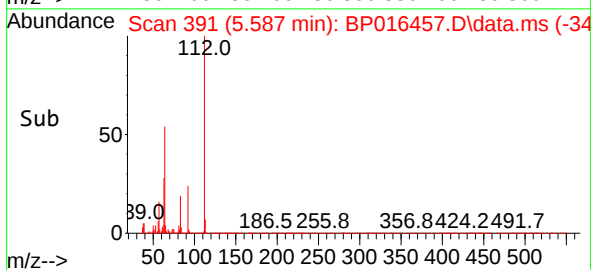
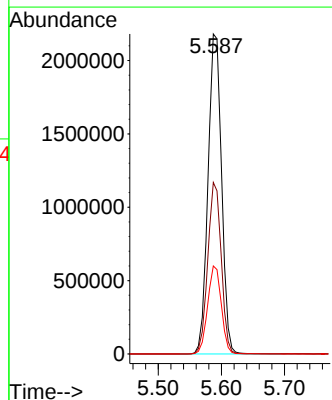
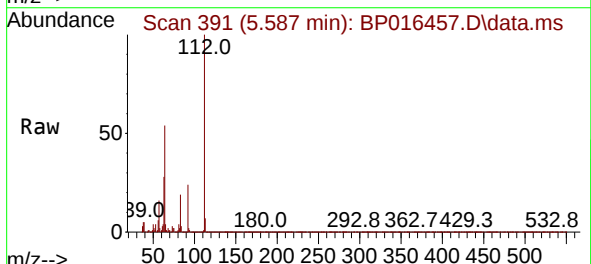
Instrument :
BNA_P
ClientSampleId :
SB-22-18-20-20230721

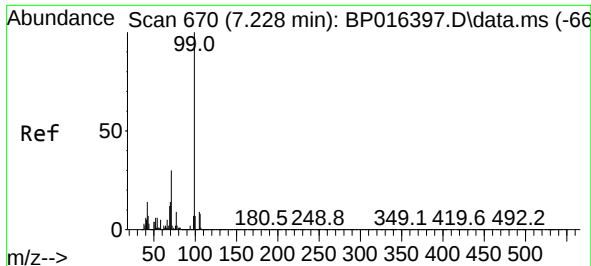
Tgt Ion:152 Resp: 412772
Ion Ratio Lower Upper
152 100
150 158.2 124.9 187.3
115 60.8 46.8 70.2



#5
2-Fluorophenol
Concen: 128.402 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016457.D
Acq: 01 Aug 2023 15:38

Tgt Ion:112 Resp: 3248753
Ion Ratio Lower Upper
112 100
64 53.6 40.0 60.0
63 27.5 21.2 31.8

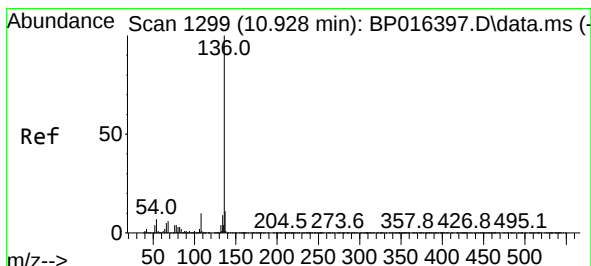
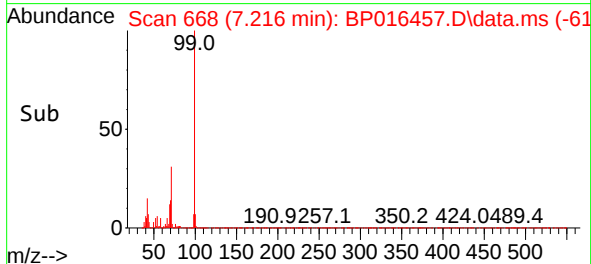
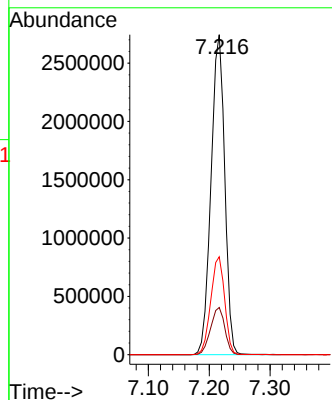
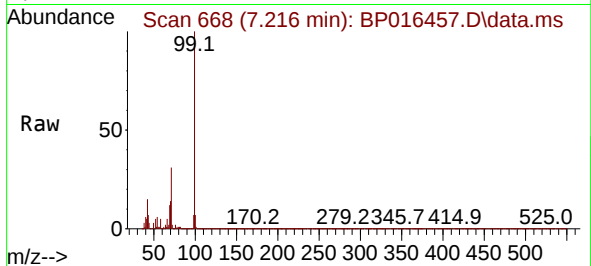




#7
Phenol-d6
Concen: 123.599 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016457.D
Acq: 01 Aug 2023 15:38

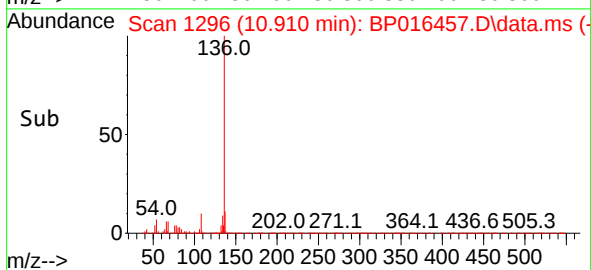
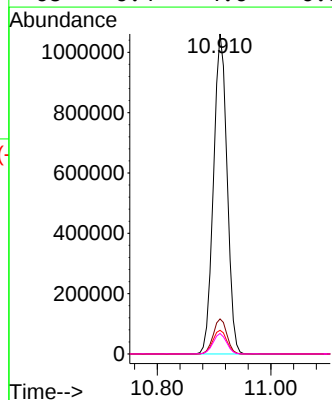
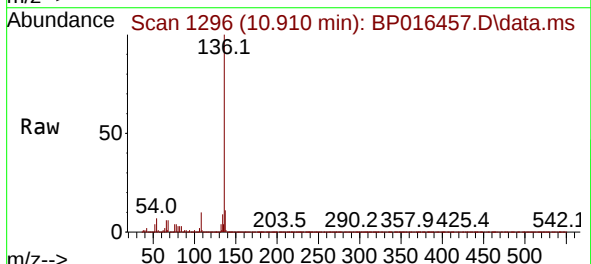
Instrument :
BNA_P
ClientSampleId :
SB-22-18-20-20230721

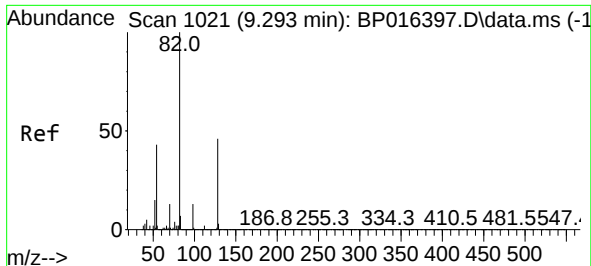
Tgt Ion: 99 Resp: 4286431
Ion Ratio Lower Upper
99 100
42 14.8 11.6 17.4
71 30.6 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016457.D
Acq: 01 Aug 2023 15:38

Tgt Ion:136 Resp: 1751209
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 5.6 8.4
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 79.028 ng

RT: 9.275 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP016457.D

Acq: 01 Aug 2023 15:38

Instrument :

BNA_P

ClientSampleId :

SB-22-18-20-20230721

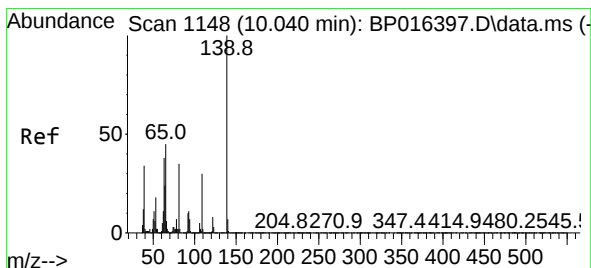
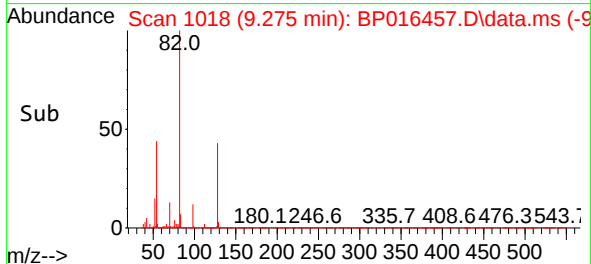
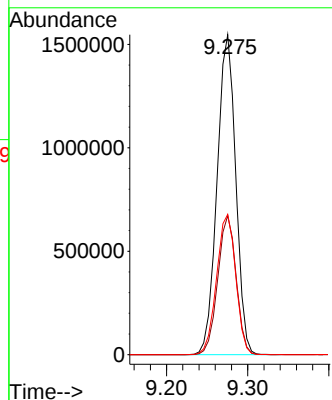
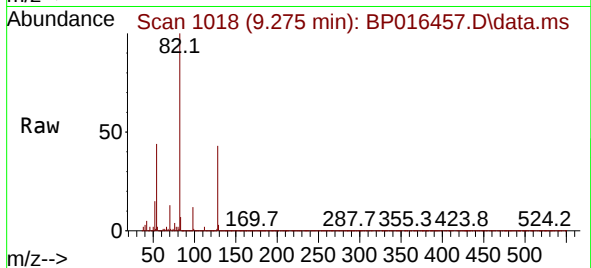
Tgt Ion: 82 Resp: 2472274

Ion Ratio Lower Upper

82 100

128 43.5 36.6 55.0

54 43.8 34.5 51.7



#26

2-Nitrophenol

Concen: 3.126 ng

RT: 10.016 min Scan# 1144

Delta R.T. -0.024 min

Lab File: BP016457.D

Acq: 01 Aug 2023 15:38

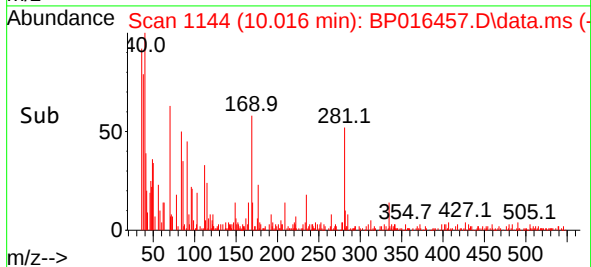
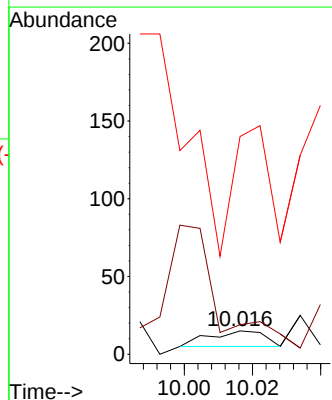
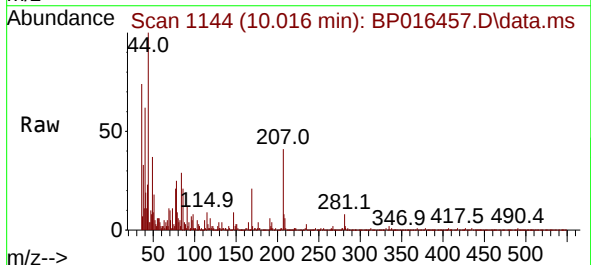
Tgt Ion: 139 Resp: 11

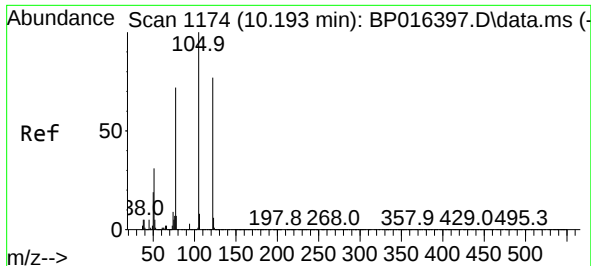
Ion Ratio Lower Upper

139 100

109 126.7 24.2 36.4#

65 933.3 35.8 53.6#

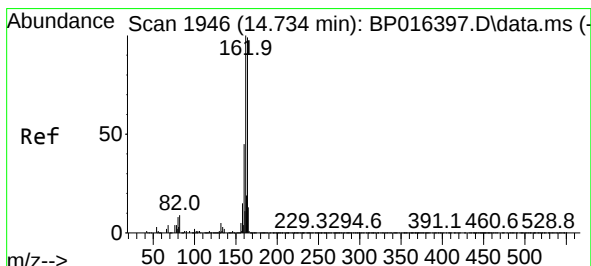
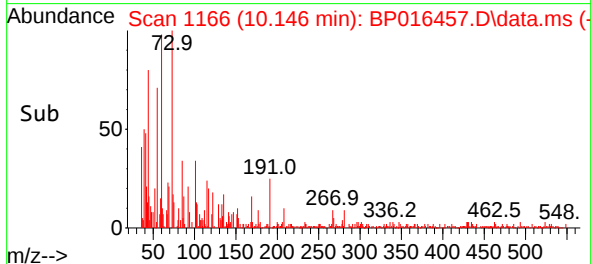
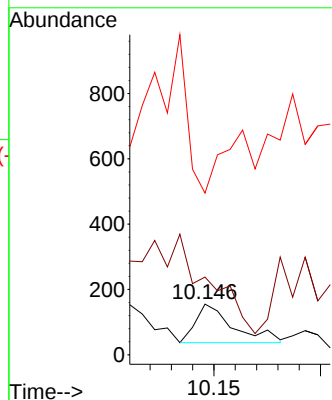
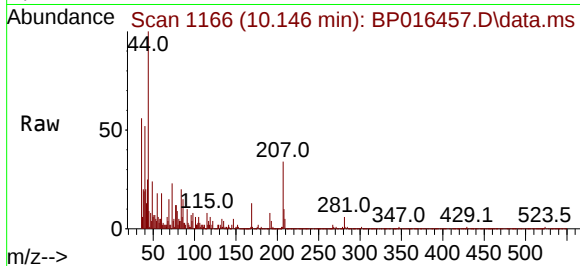




#32
Benzoic acid
Concen: 6.293 ng
RT: 10.146 min Scan# 1166
Delta R.T. -0.047 min
Lab File: BP016457.D
Acq: 01 Aug 2023 15:38

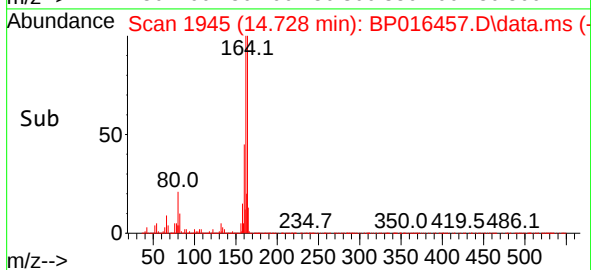
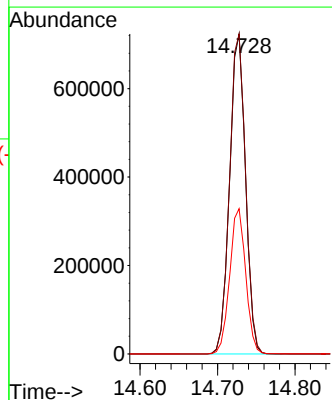
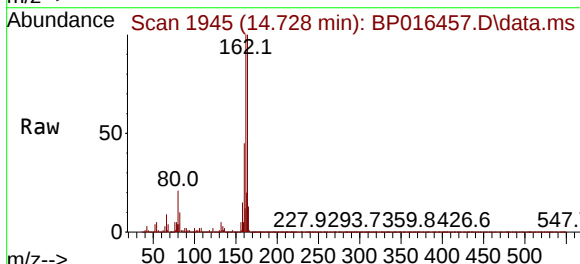
Instrument :
BNA_P
ClientSampleId :
SB-22-18-20-20230721

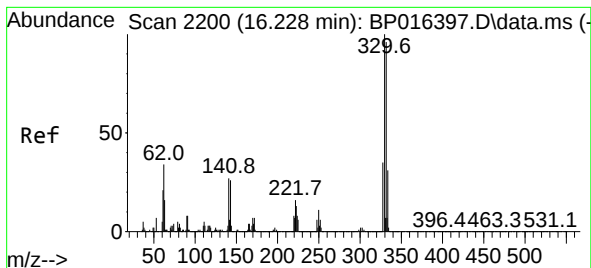
Tgt Ion:122 Resp: 145
Ion Ratio Lower Upper
122 100
105 153.5 105.2 145.2#
77 319.4 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016457.D
Acq: 01 Aug 2023 15:38

Tgt Ion:164 Resp: 1030796
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.6
160 45.4 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 86.667 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016457.D

Acq: 01 Aug 2023 15:38

Instrument :

BNA_P

ClientSampleId :

SB-22-18-20-20230721

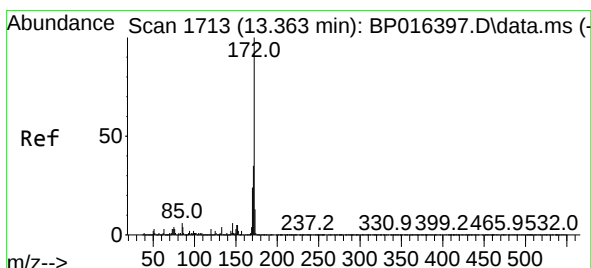
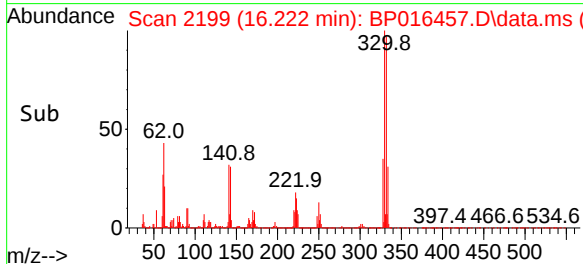
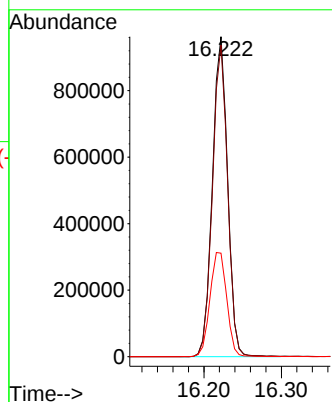
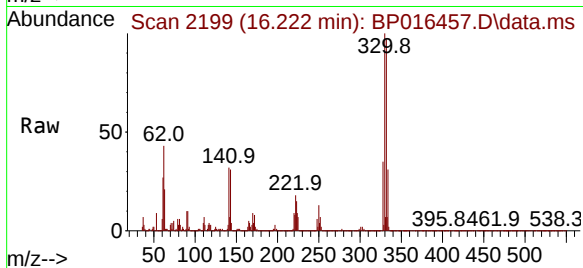
Tgt Ion:330 Resp: 1314259

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.8

141 35.8 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 75.248 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016457.D

Acq: 01 Aug 2023 15:38

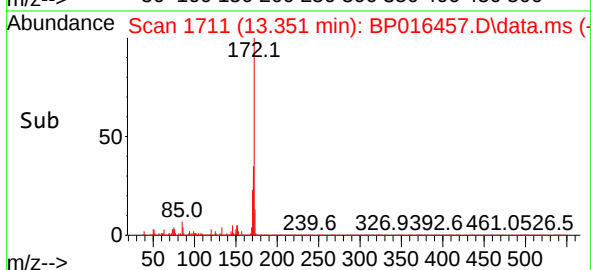
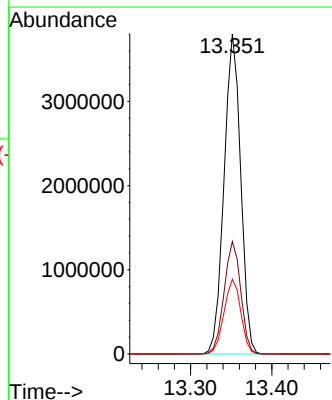
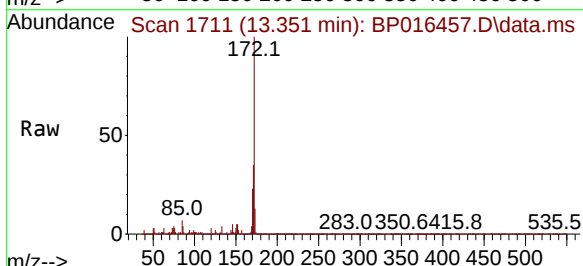
Tgt Ion:172 Resp: 5410291

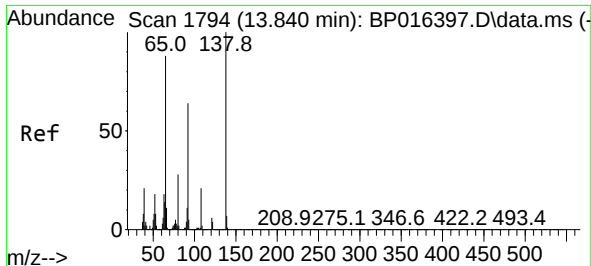
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.4 19.1 28.7

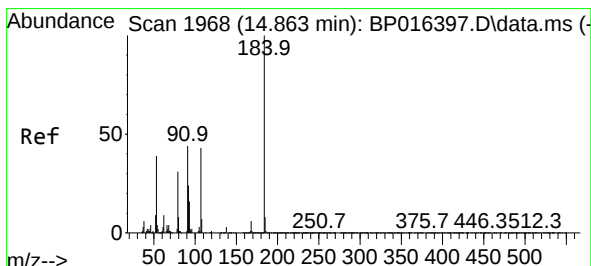
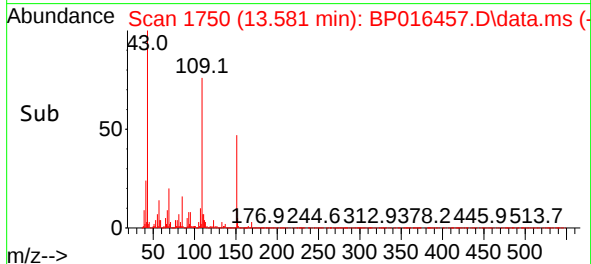
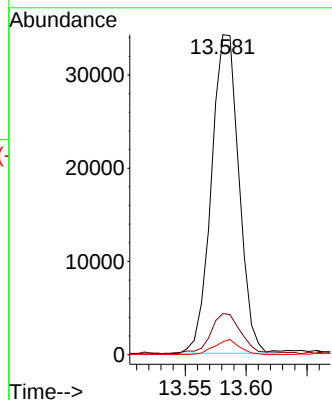
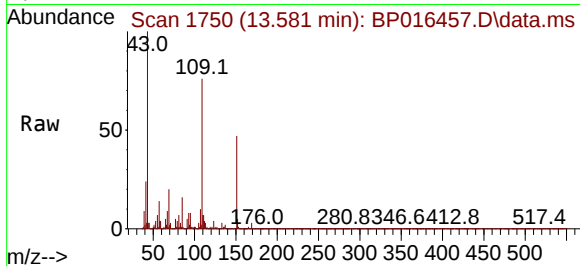




#48
2-Nitroaniline
Concen: 3.222 ng
RT: 13.581 min Scan# 1
Delta R.T. -0.259 min
Lab File: BP016457.D
Acq: 01 Aug 2023 15:38

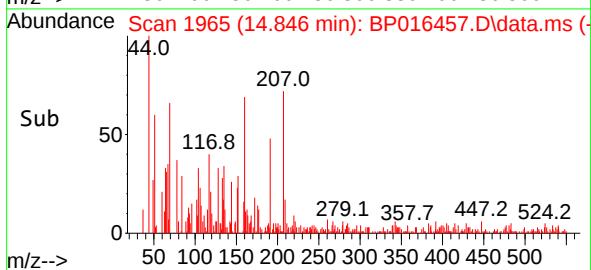
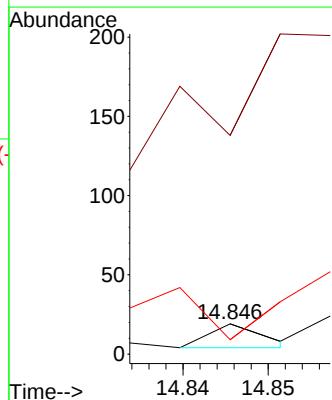
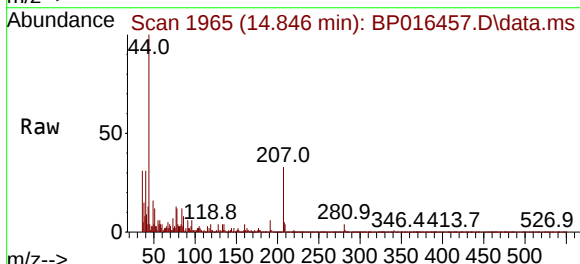
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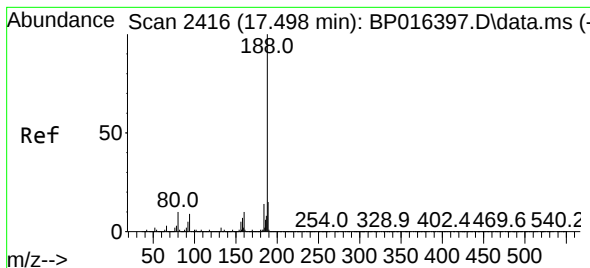
Tgt Ion: 65 Resp: 53847
Ion Ratio Lower Upper
65 100
92 12.8 58.2 87.4#
138 4.0 91.3 136.9#



#54
2,4-Dinitrophenol
Concen: 8.002 ng
RT: 14.846 min Scan# 1965
Delta R.T. -0.017 min
Lab File: BP016457.D
Acq: 01 Aug 2023 15:38

Tgt Ion: 184 Resp: 7
Ion Ratio Lower Upper
184 100
63 726.3 48.2 72.4#
154 47.4 49.6 74.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.492 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP016457.D

Acq: 01 Aug 2023 15:38

Instrument :

BNA_P

ClientSampleId :

SB-22-18-20-20230721

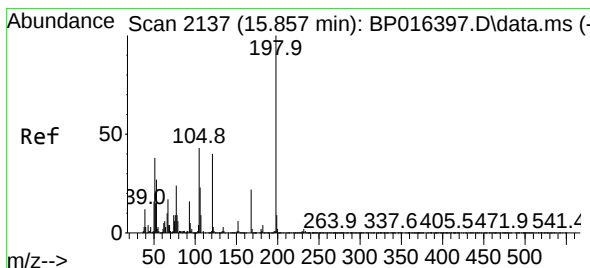
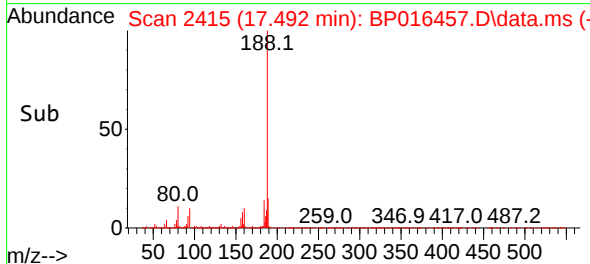
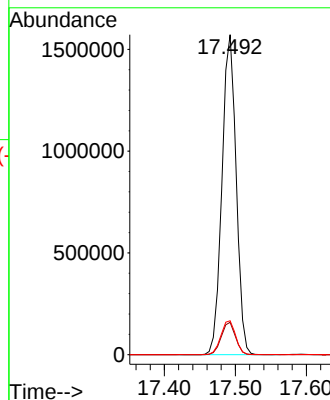
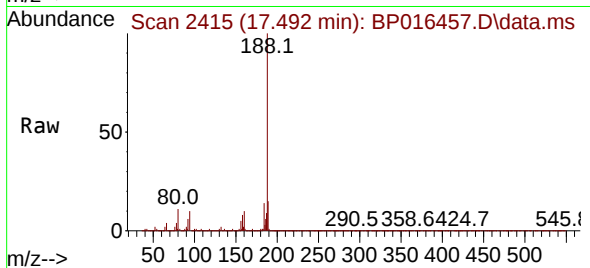
Tgt Ion:188 Resp: 2170505

Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

80 10.6 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 6.303 ng

RT: 15.887 min Scan# 2142

Delta R.T. 0.030 min

Lab File: BP016457.D

Acq: 01 Aug 2023 15:38

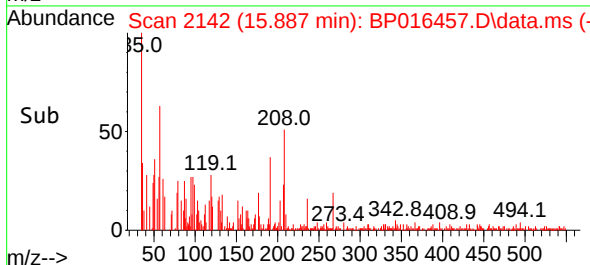
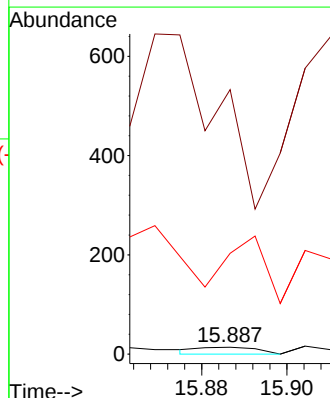
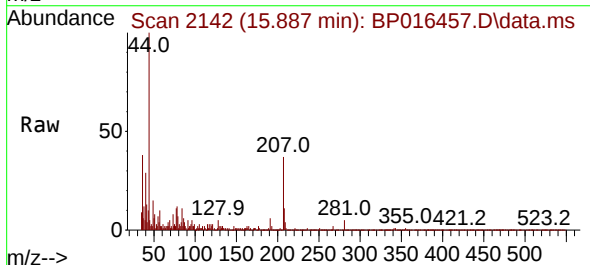
Tgt Ion:198 Resp: 13

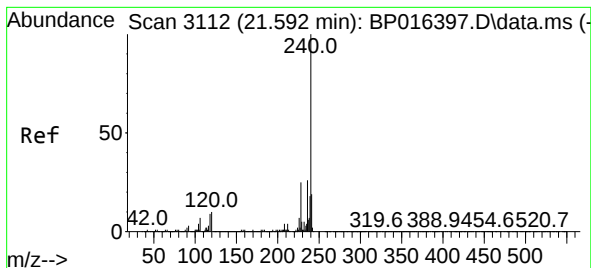
Ion Ratio Lower Upper

198 100

51 3807.1 20.1 60.1#

105 1450.0 23.1 63.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP016457.D

Acq: 01 Aug 2023 15:38

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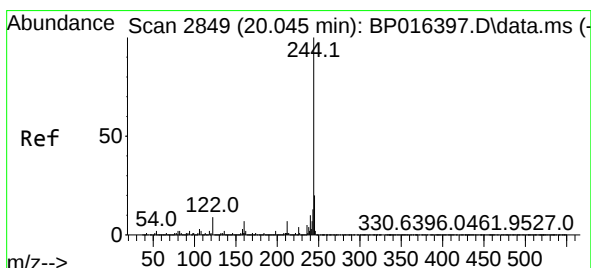
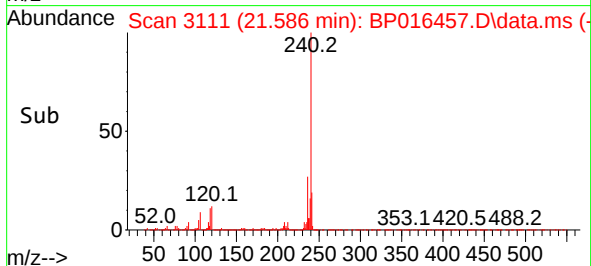
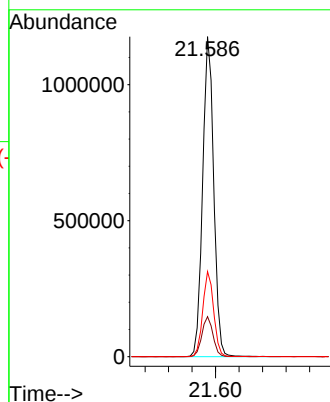
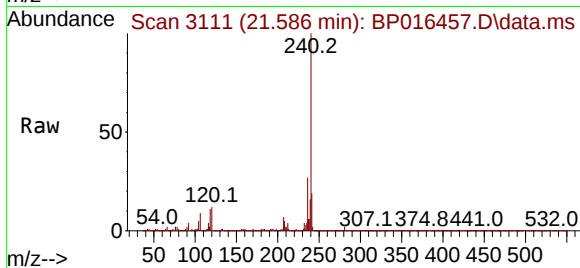
Tgt Ion:240 Resp: 1534569

Ion Ratio Lower Upper

240 100

120 12.5 7.9 11.9#

236 26.6 21.1 31.7



#79

Terphenyl-d14

Concen: 100.961 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016457.D

Acq: 01 Aug 2023 15:38

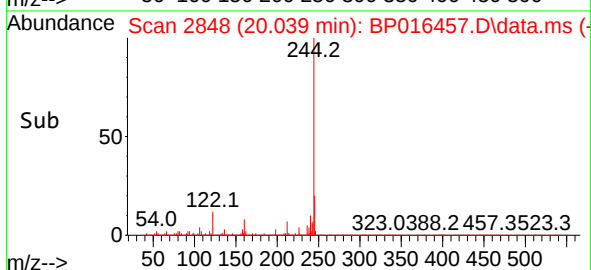
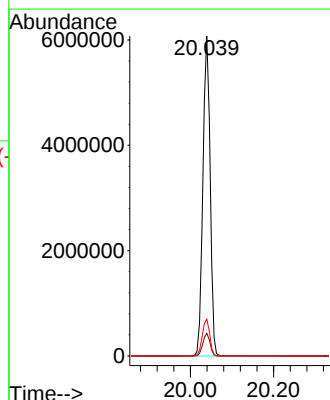
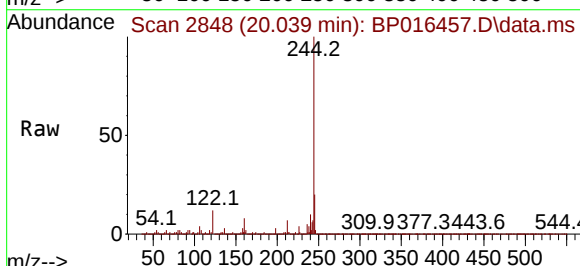
Tgt Ion:244 Resp: 7334317

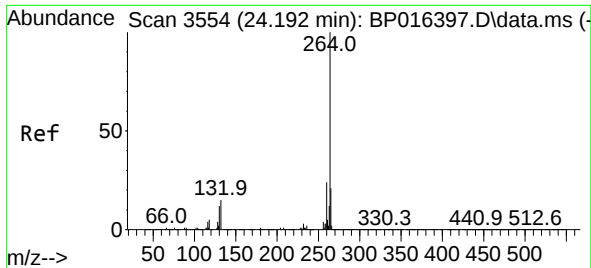
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.5 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP016457.D
Acq: 01 Aug 2023 15:38

Instrument :
BNA_P
ClientSampleId :
SB-22-18-20-20230721

Tgt Ion:264 Resp: 1433482

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	22.4	17.4	26.0

