

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016479.D
 Acq On : 02 Aug 2023 21:01
 Operator : MA/JU
 Sample : 03598-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 02 21:50:23 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)

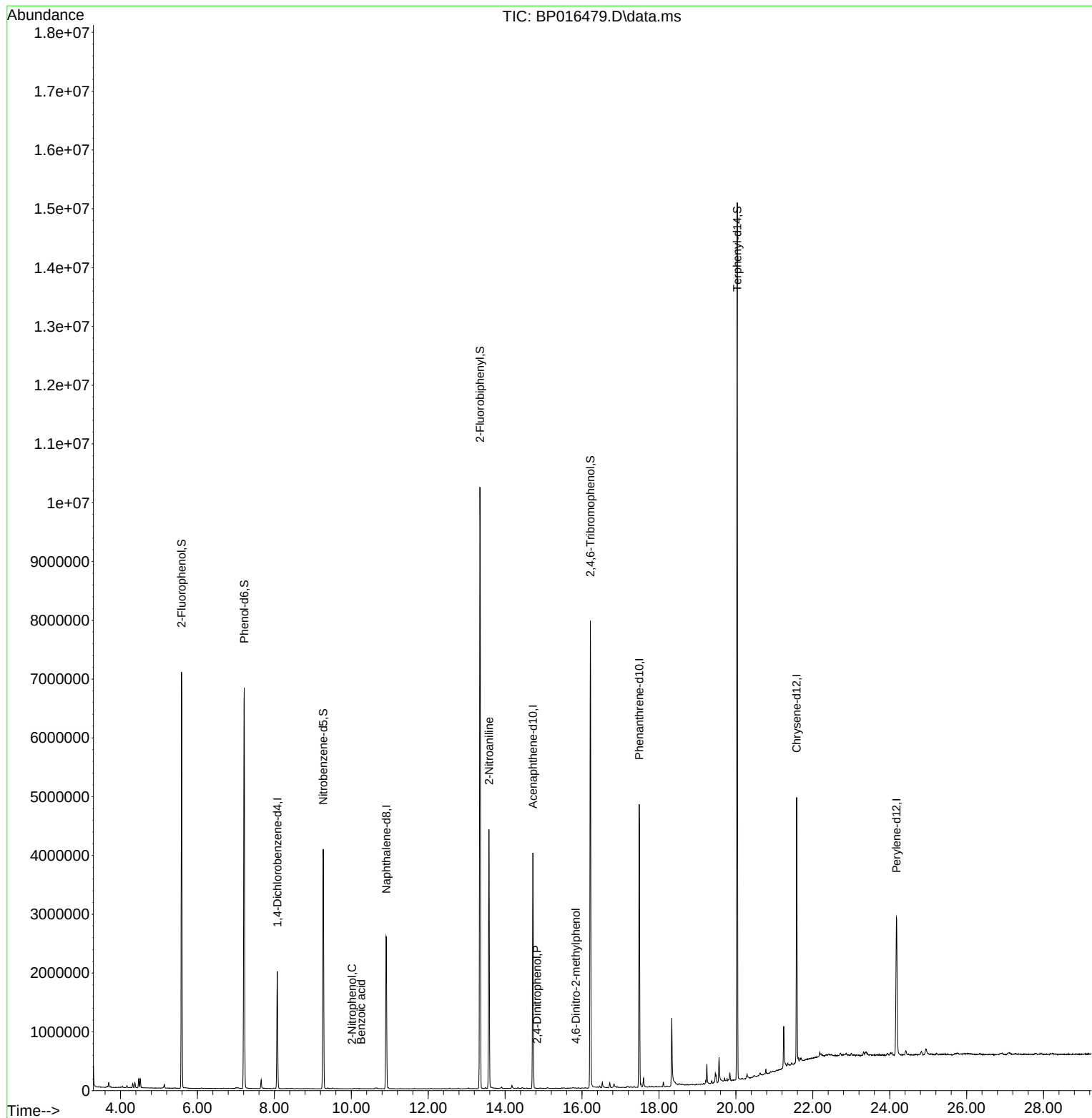
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	522381	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	2166962	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1289581	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	2727997	20.000	ng	-0.01
76) Chrysene-d12	21.580	240	1978278	20.000	ng	#-0.01
86) Perylene-d12	24.174	264	1840393	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3181733	99.367	ng	-0.02
7) Phenol-d6	7.216	99	4189599	95.458	ng	-0.01
23) Nitrobenzene-d5	9.269	82	2405403	62.138	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1441153	75.964	ng	-0.01
45) 2-Fluorobiphenyl	13.345	172	5288091	58.790	ng	-0.02
79) Terphenyl-d14	20.033	244	6880835	73.474	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.210	77	8007	Below Cal	#	3
26) 2-Nitrophenol	10.016	139	10	3.126 ng	#	1
32) Benzoic acid	10.257	122	121	6.291 ng	#	1
48) 2-Nitroaniline	13.581	65	74521	3.565 ng	#	10
54) 2,4-Dinitrophenol	14.828	184	30	8.004 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.839	198	8	6.302 ng	#	1

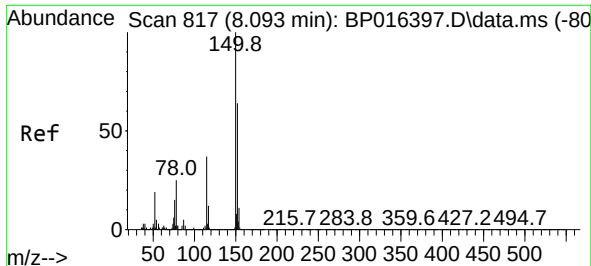
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
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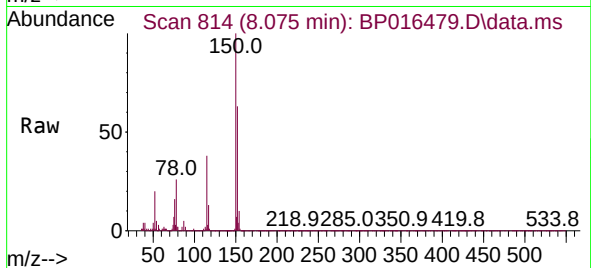
Quant Time: Aug 02 21:50:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
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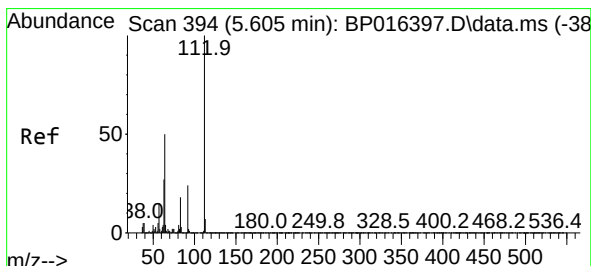
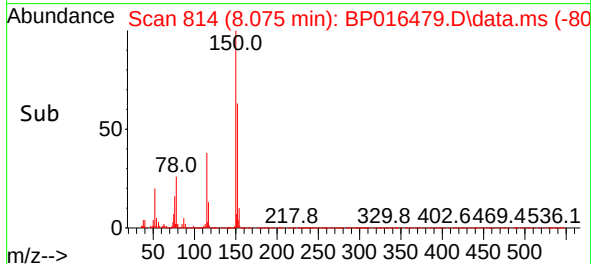
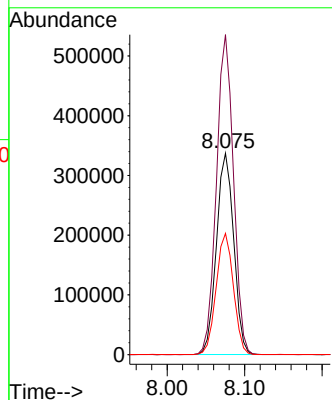


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016479.D
Acq: 02 Aug 2023 21:01

Instrument :
BNA_P
ClientSampleId :

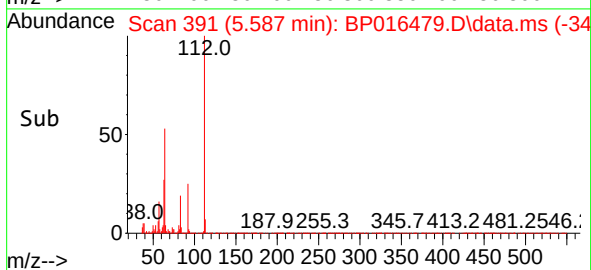
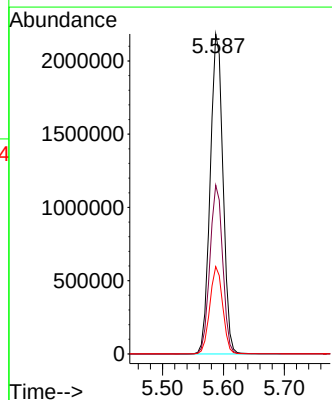
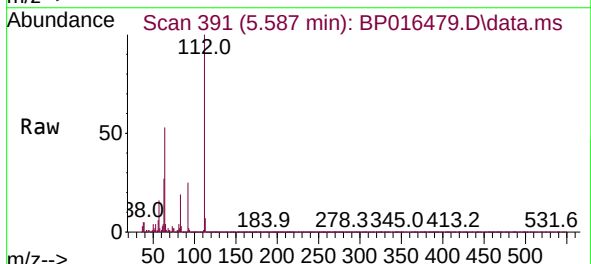


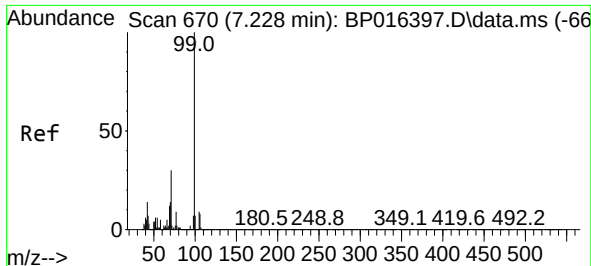
Tgt Ion:152 Resp: 522381
Ion Ratio Lower Upper
152 100
150 158.9 124.9 187.3
115 60.2 46.8 70.2



#5
2-Fluorophenol
Concen: 99.367 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016479.D
Acq: 02 Aug 2023 21:01

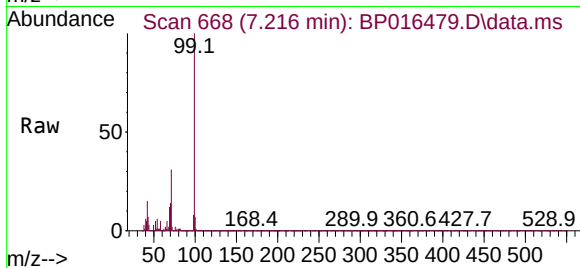
Tgt Ion:112 Resp: 3181733
Ion Ratio Lower Upper
112 100
64 52.7 40.0 60.0
63 27.3 21.2 31.8



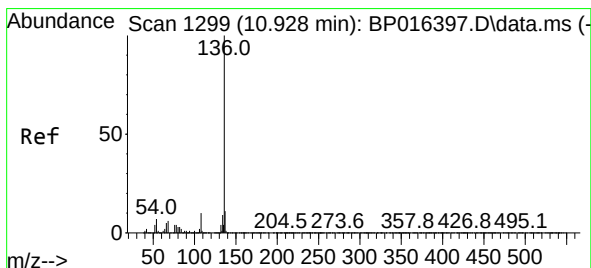
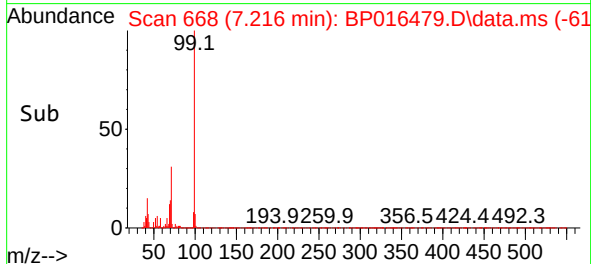
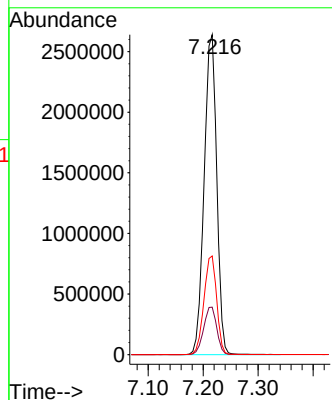


#7
Phenol-d6
Concen: 95.458 ng
RT: 7.216 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP016479.D
Acq: 02 Aug 2023 21:01

Instrument :
BNA_P
ClientSampleId :

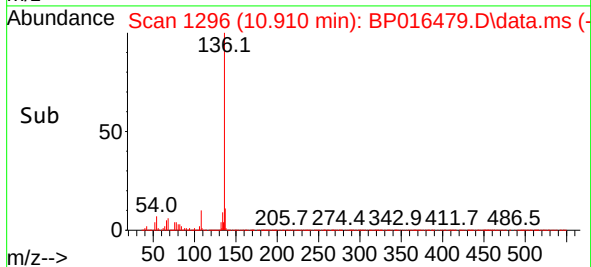
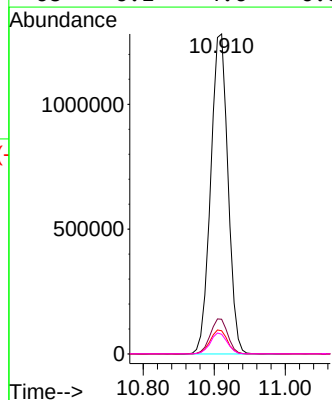
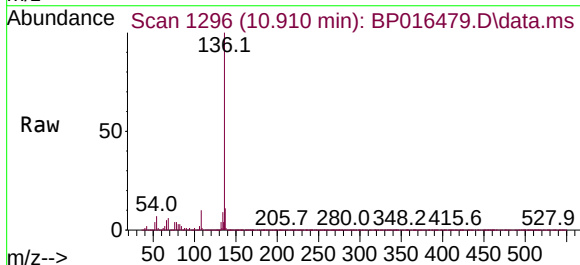


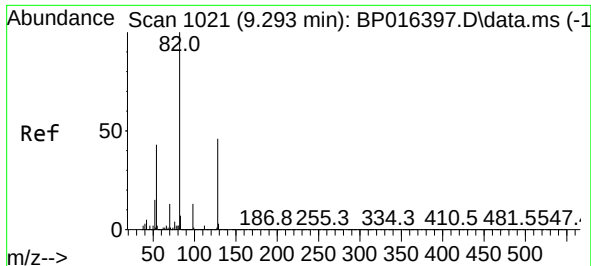
Tgt Ion: 99 Resp: 4189599
Ion Ratio Lower Upper
99 100
42 14.8 11.6 17.4
71 30.8 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016479.D
Acq: 02 Aug 2023 21:01

Tgt Ion: 136 Resp: 2166962
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.2 5.6 8.4
68 6.1 4.6 6.8

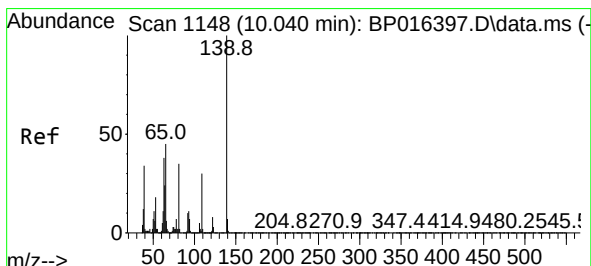
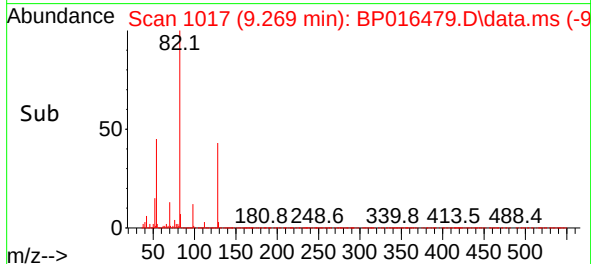
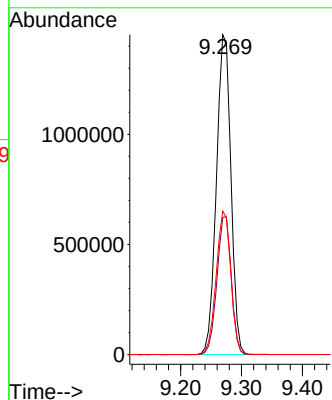
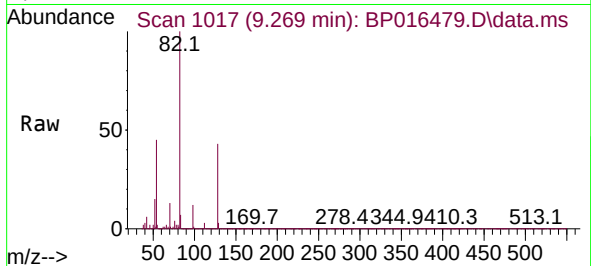




#23
Nitrobenzene-d5
Concen: 62.138 ng
RT: 9.269 min Scan# 10
Delta R.T. -0.024 min
Lab File: BP016479.D
Acq: 02 Aug 2023 21:01

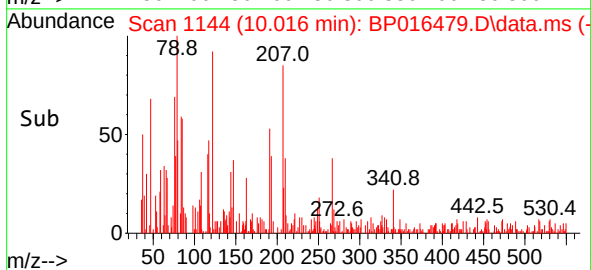
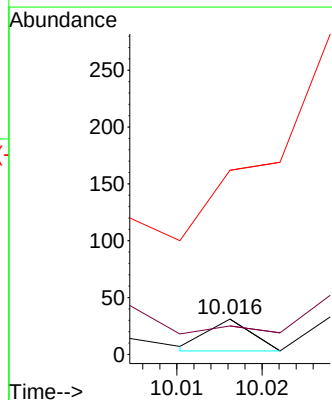
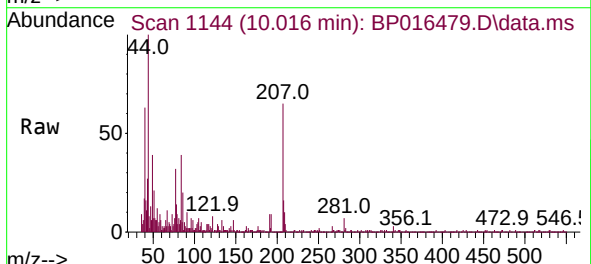
Instrument :
BNA_P
ClientSampleId :

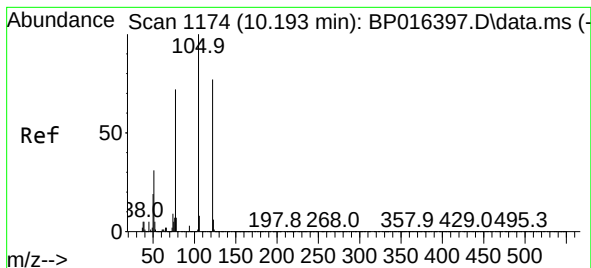
Tgt Ion: 82 Resp: 2405403
Ion Ratio Lower Upper
82 100
128 42.9 36.6 55.0
54 44.8 34.5 51.7



#26
2-Nitrophenol
Concen: 3.126 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.024 min
Lab File: BP016479.D
Acq: 02 Aug 2023 21:01

Tgt Ion: 139 Resp: 10
Ion Ratio Lower Upper
139 100
109 80.6 24.2 36.4#
65 522.6 35.8 53.6#

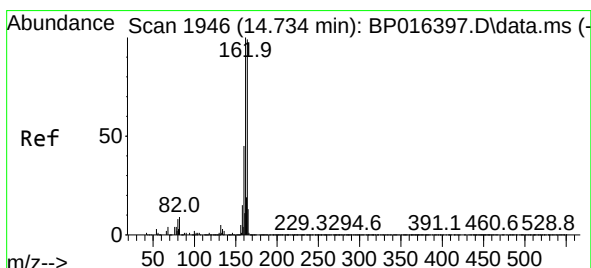
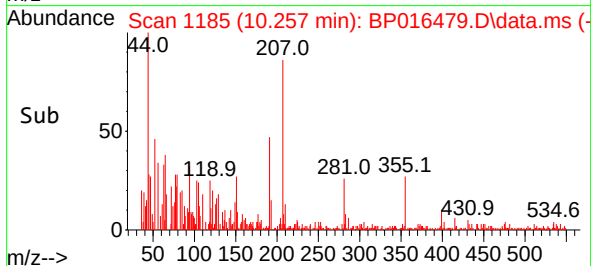
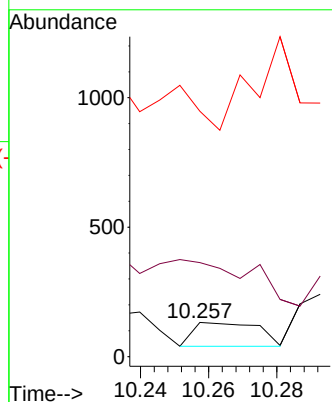
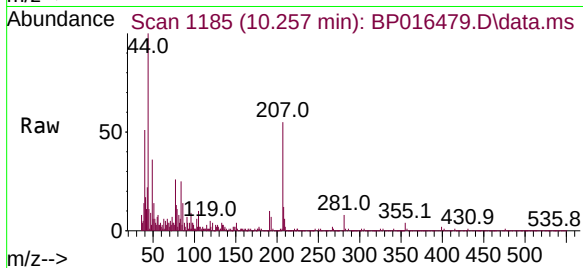




#32
Benzoic acid
Concen: 6.291 ng
RT: 10.257 min Scan# 1174
Delta R.T. 0.064 min
Lab File: BP016479.D
Acq: 02 Aug 2023 21:01

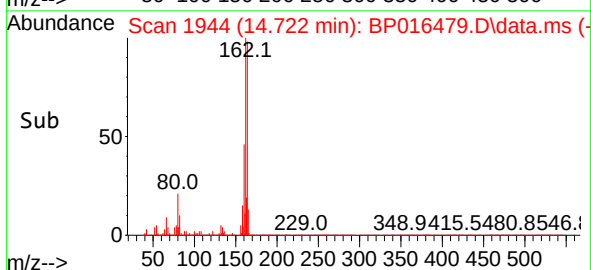
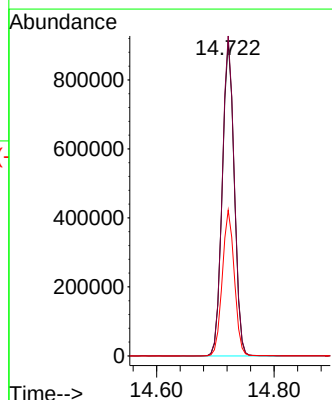
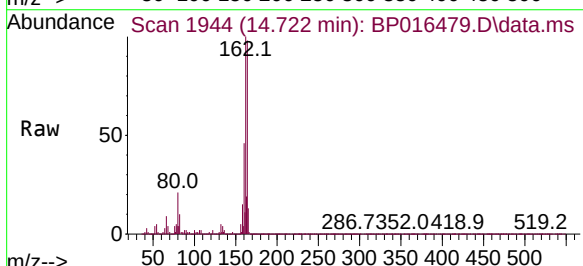
Instrument :
BNA_P
ClientSampleId :

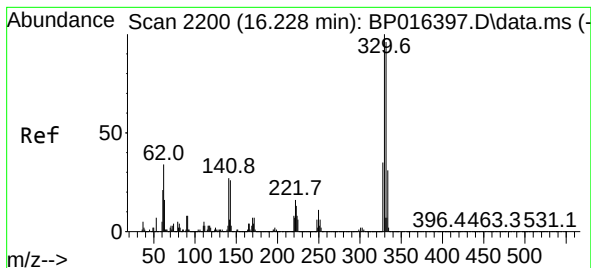
Tgt Ion:122 Resp: 121
Ion Ratio Lower Upper
122 100
105 275.0 105.2 145.2#
77 718.2 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP016479.D
Acq: 02 Aug 2023 21:01

Tgt Ion:164 Resp: 1289581
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 46.3 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 75.964 ng

RT: 16.216 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016479.D

Acq: 02 Aug 2023 21:01

Instrument :

BNA_P

ClientSampleId :

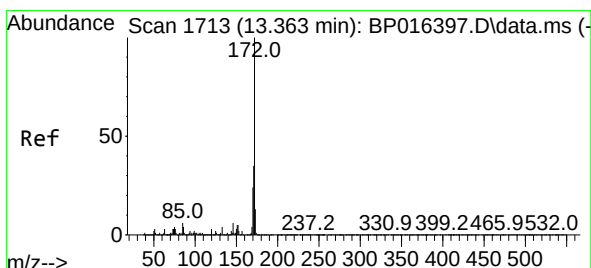
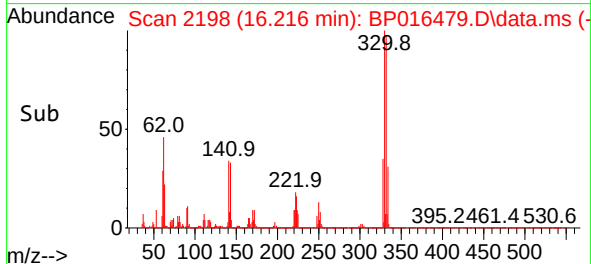
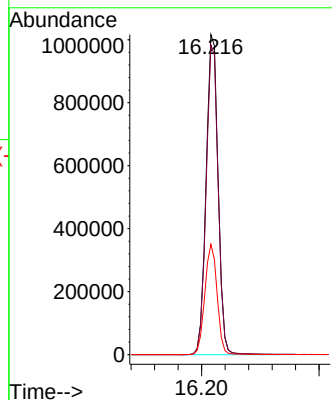
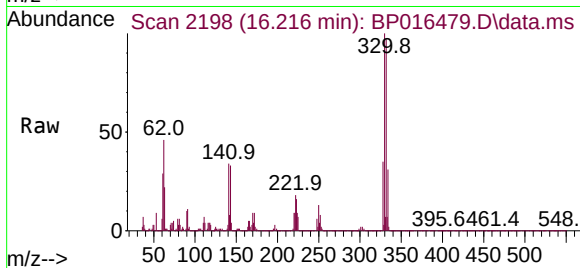
Tgt Ion:330 Resp: 1441153

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.8

141 35.2 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 58.790 ng

RT: 13.345 min Scan# 1710

Delta R.T. -0.018 min

Lab File: BP016479.D

Acq: 02 Aug 2023 21:01

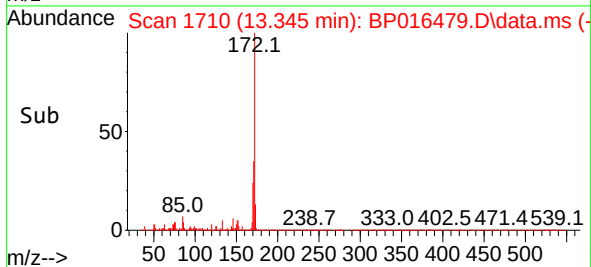
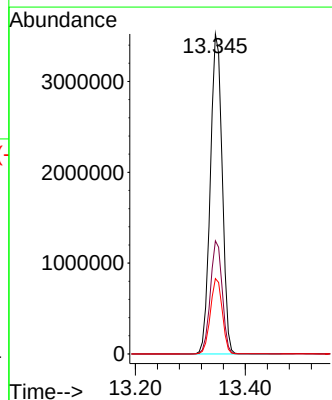
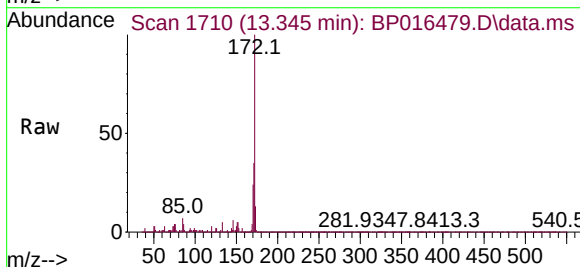
Tgt Ion:172 Resp: 5288091

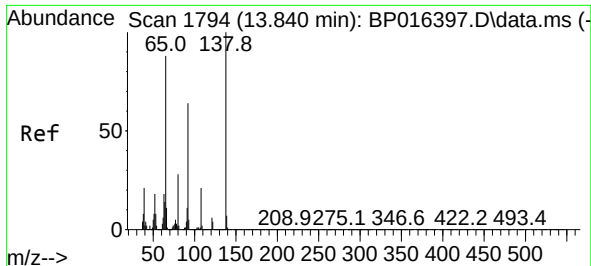
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.5 19.1 28.7

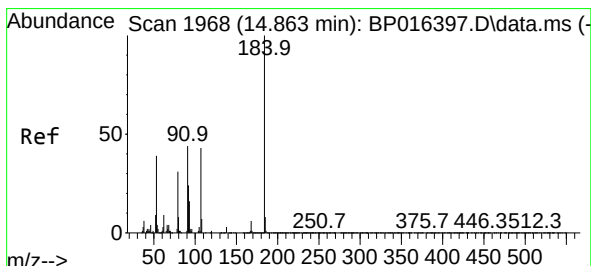
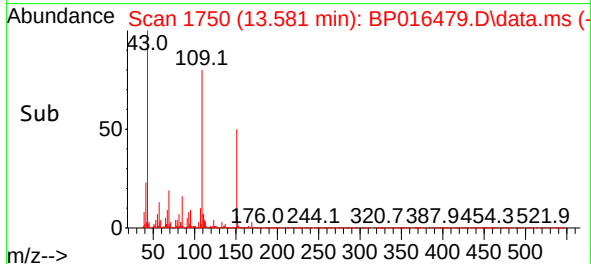
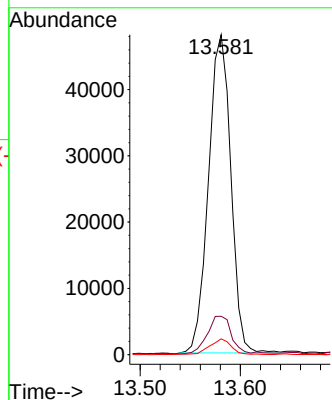
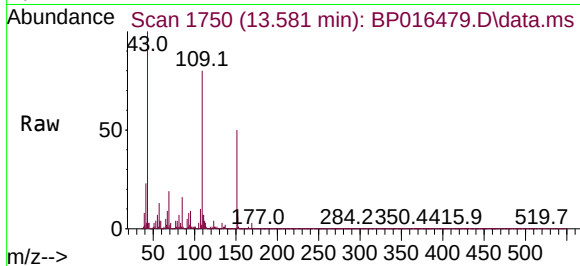




#48
2-Nitroaniline
Concen: 3.565 ng
RT: 13.581 min Scan# 1750
Delta R.T. -0.259 min
Lab File: BP016479.D
Acq: 02 Aug 2023 21:01

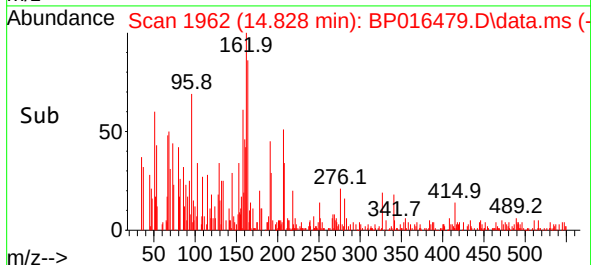
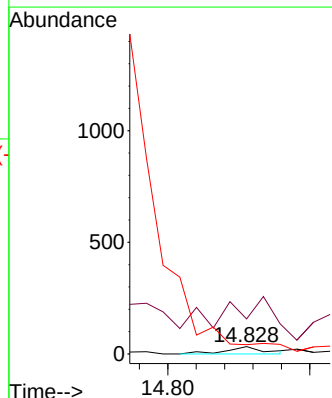
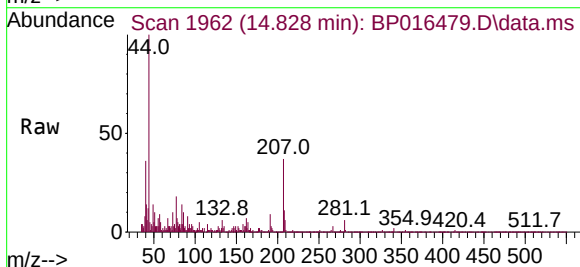
Instrument :
BNA_P
ClientSampleId :

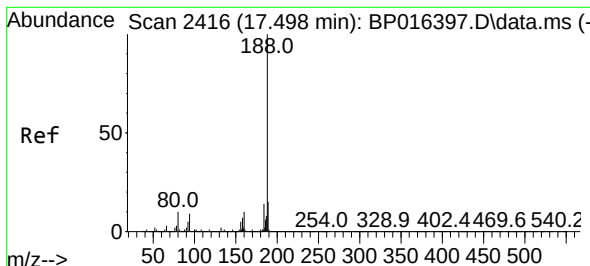
Tgt Ion: 65 Resp: 74521
Ion Ratio Lower Upper
65 100
92 12.0 58.2 87.4#
138 4.9 91.3 136.9#



#54
2,4-Dinitrophenol
Concen: 8.004 ng
RT: 14.828 min Scan# 1962
Delta R.T. -0.035 min
Lab File: BP016479.D
Acq: 02 Aug 2023 21:01

Tgt Ion: 184 Resp: 30
Ion Ratio Lower Upper
184 100
63 475.8 48.2 72.4#
154 124.2 49.6 74.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2416

Delta R.T. -0.012 min

Lab File: BP016479.D

Acq: 02 Aug 2023 21:01

Instrument :

BNA_P

ClientSampleId :

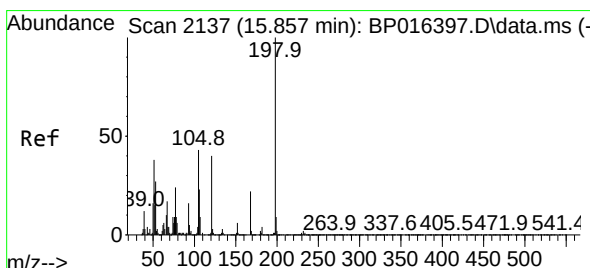
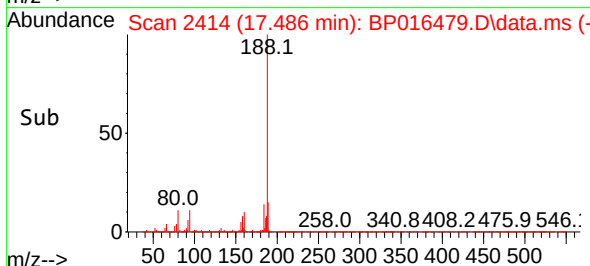
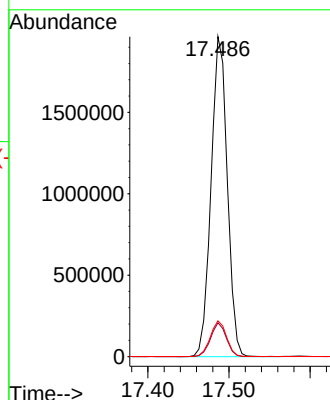
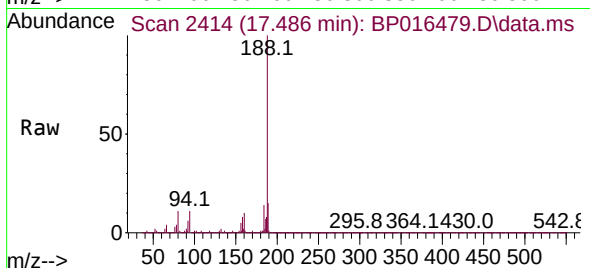
Tgt Ion:188 Resp: 2727997

Ion Ratio Lower Upper

188 100

94 10.6 7.4 11.0

80 11.2 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 6.302 ng

RT: 15.839 min Scan# 2134

Delta R.T. -0.018 min

Lab File: BP016479.D

Acq: 02 Aug 2023 21:01

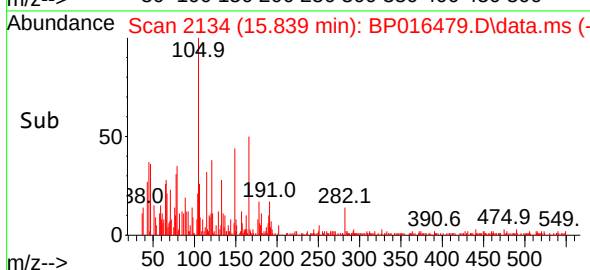
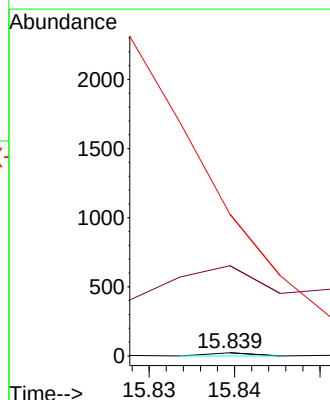
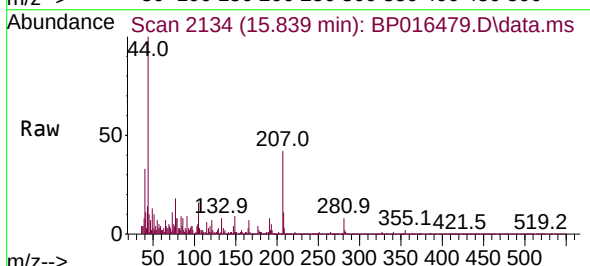
Tgt Ion:198 Resp: 8

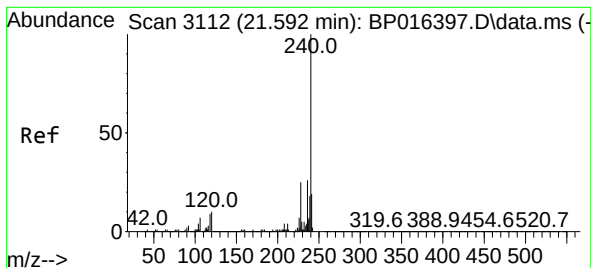
Ion Ratio Lower Upper

198 100

51 2839.1 20.1 60.1#

105 4456.5 23.1 63.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BP016479.D

Acq: 02 Aug 2023 21:01

Instrument :

BNA_P

ClientSampleId :

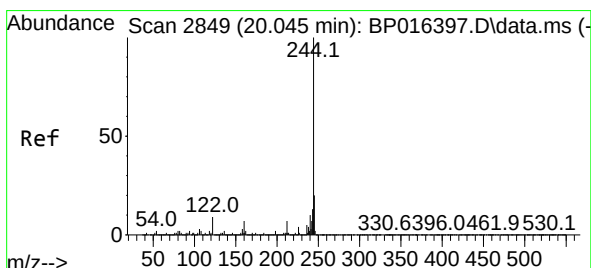
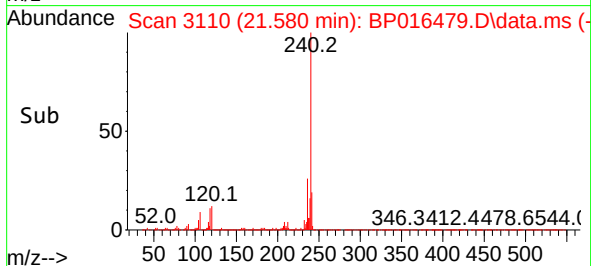
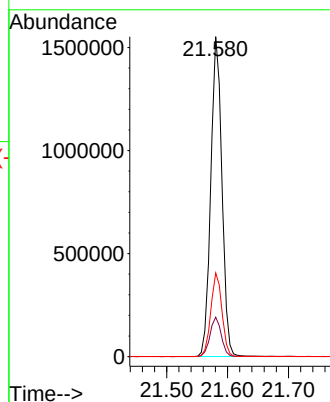
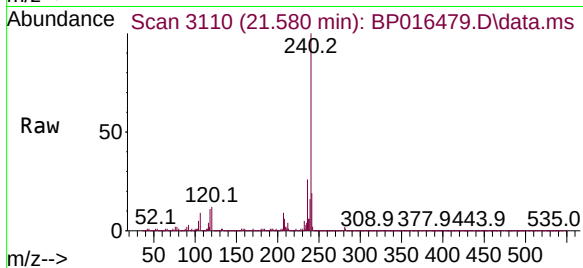
Tgt Ion:240 Resp: 1978278

Ion Ratio Lower Upper

240 100

120 12.3 7.9 11.9#

236 26.1 21.1 31.7



#79

Terphenyl-d14

Concen: 73.474 ng

RT: 20.033 min Scan# 2847

Delta R.T. -0.012 min

Lab File: BP016479.D

Acq: 02 Aug 2023 21:01

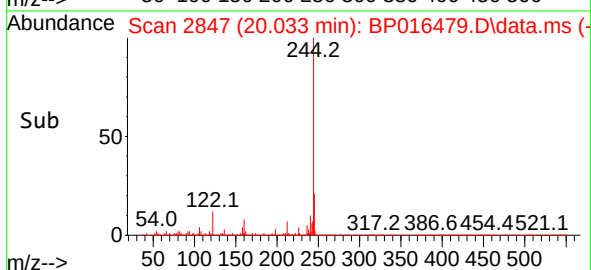
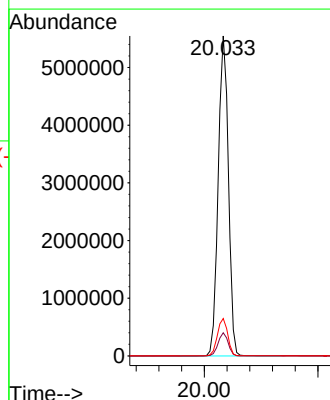
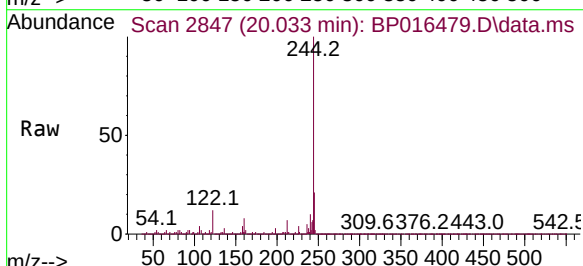
Tgt Ion:244 Resp: 6880835

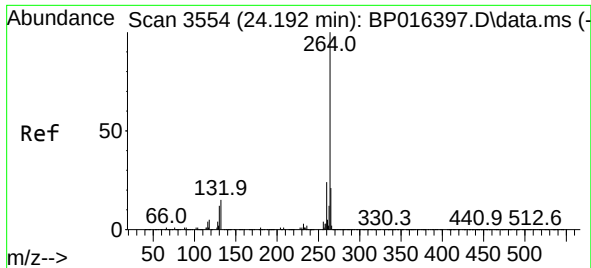
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

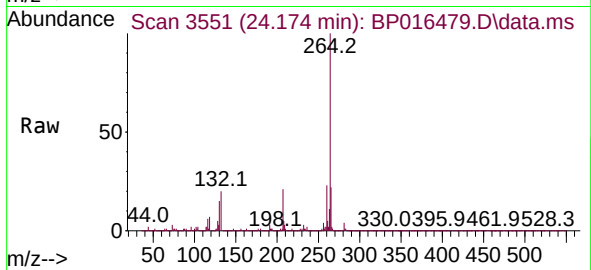
122 11.7 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.174 min Scan# 3551
Delta R.T. -0.018 min
Lab File: BP016479.D
Acq: 02 Aug 2023 21:01

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:264 Resp: 1840393

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.5	17.4	26.0

