

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016456.D
 Acq On : 01 Aug 2023 15:04
 Operator : MA/JU
 Sample : 03686-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-23-14-16-20230721

Quant Time: Aug 01 16:34:32 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)

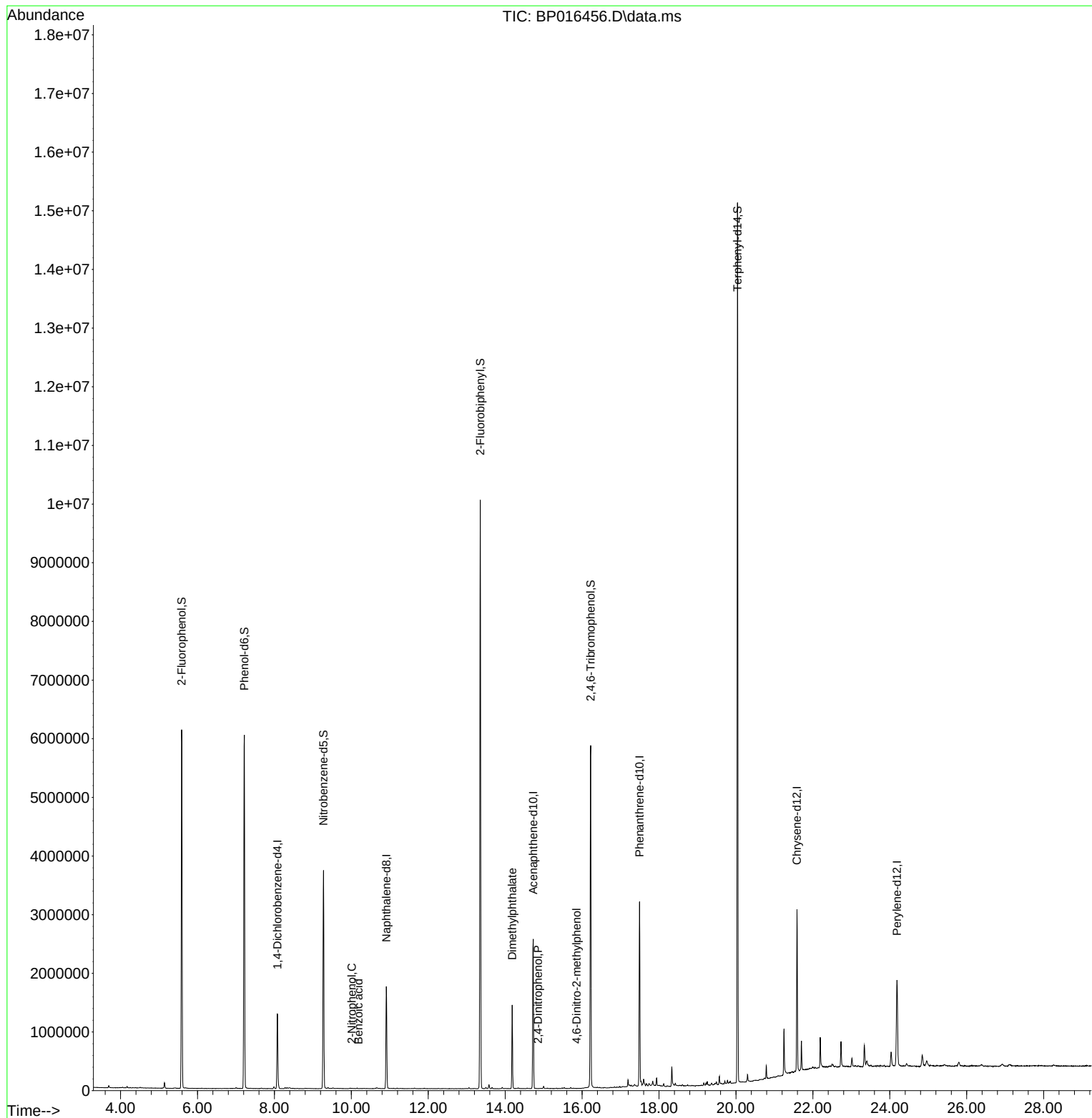
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	339970	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	1395707	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	822131	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	1748592	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1220899	20.000	ng	# 0.00
86) Perylene-d12	24.186	264	1172979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2757510	132.325	ng	-0.02
7) Phenol-d6	7.216	99	3661265	128.180	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2101043	84.268	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1020990	84.416	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	4943123	86.201	ng	-0.01
79) Terphenyl-d14	20.039	244	6792450	117.524	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.216	77	6836	Below Cal	#	5
26) 2-Nitrophenol	10.010	139	53	3.130	ng	# 1
32) Benzoic acid	10.187	122	44	6.289	ng	# 1
50) Dimethylphthalate	14.181	163	845167	13.192	ng	99
54) 2,4-Dinitrophenol	14.851	184	26	8.005	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.857	198	22	6.304	ng	# 1

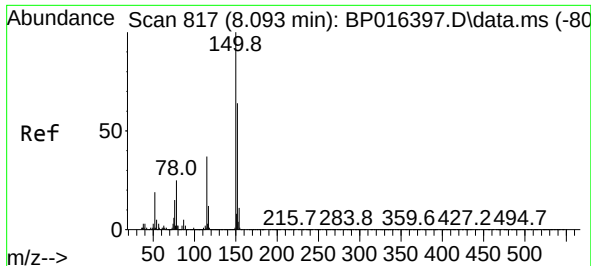
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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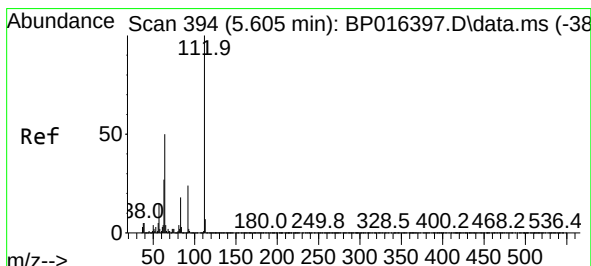
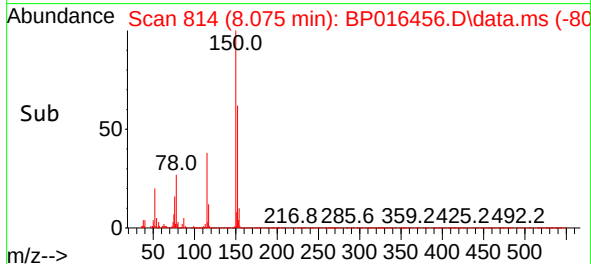
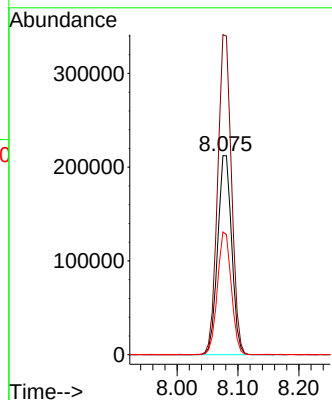
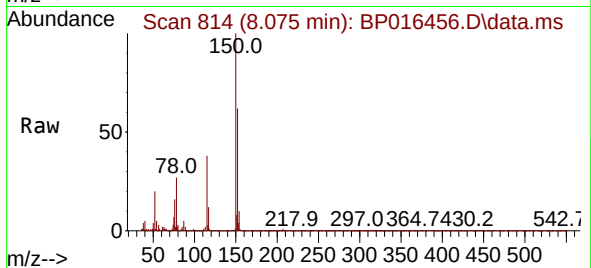




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 817
Delta R.T. -0.018 min
Lab File: BP016456.D
Acq: 01 Aug 2023 15:04

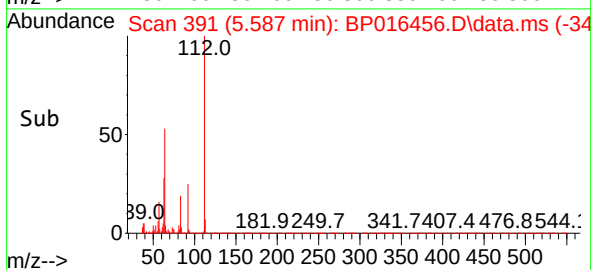
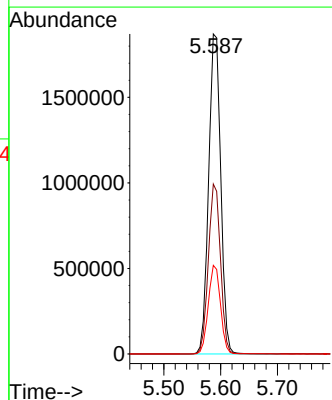
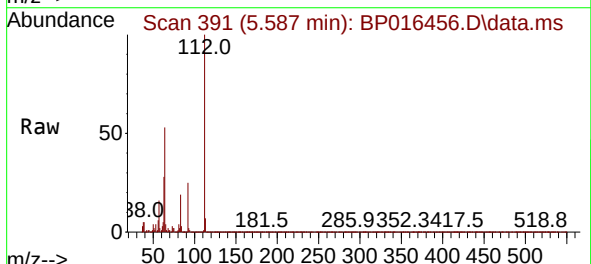
Instrument :
BNA_P
ClientSampleId :
SB-23-14-16-20230721

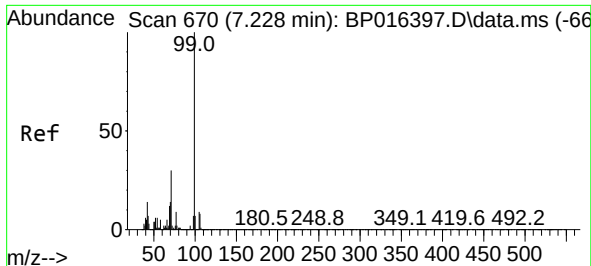
Tgt Ion:152 Resp: 339970
Ion Ratio Lower Upper
152 100
150 160.7 124.9 187.3
115 61.6 46.8 70.2



#5
2-Fluorophenol
Concen: 132.325 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016456.D
Acq: 01 Aug 2023 15:04

Tgt Ion:112 Resp: 2757510
Ion Ratio Lower Upper
112 100
64 53.1 40.0 60.0
63 27.7 21.2 31.8

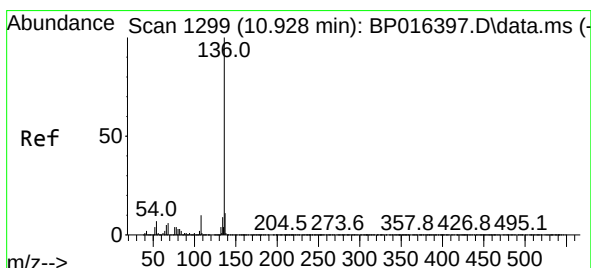
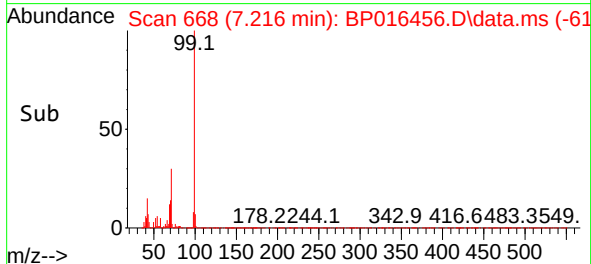
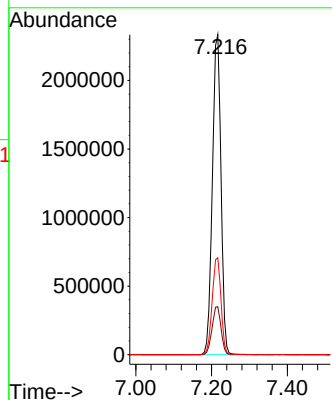
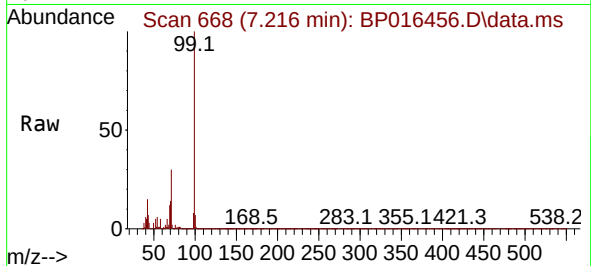




#7
Phenol-d6
Concen: 128.180 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016456.D
Acq: 01 Aug 2023 15:04

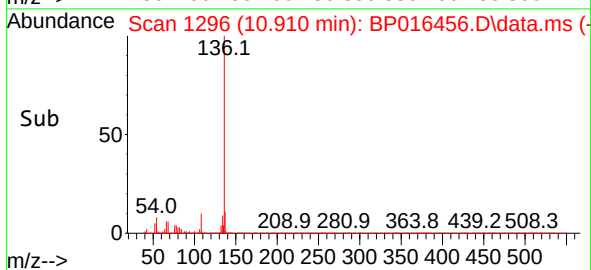
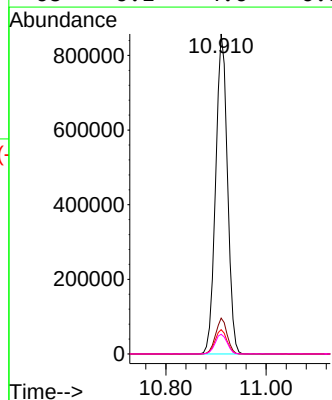
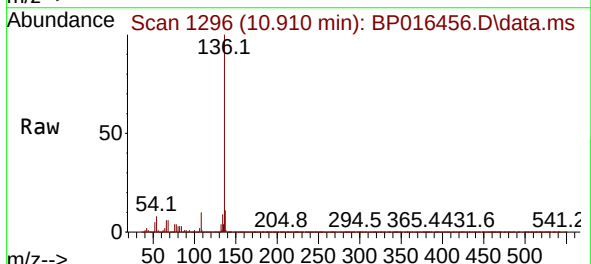
Instrument :
BNA_P
ClientSampleId :
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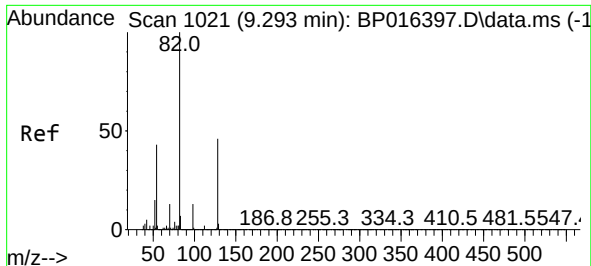
Tgt Ion: 99 Resp: 3661265
Ion Ratio Lower Upper
99 100
42 15.0 11.6 17.4
71 30.3 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016456.D
Acq: 01 Aug 2023 15:04

Tgt Ion:136 Resp: 1395707
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.6 5.6 8.4
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 84.268 ng

RT: 9.275 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP016456.D

Acq: 01 Aug 2023 15:04

Instrument :

BNA_P

ClientSampleId :

SB-23-14-16-20230721

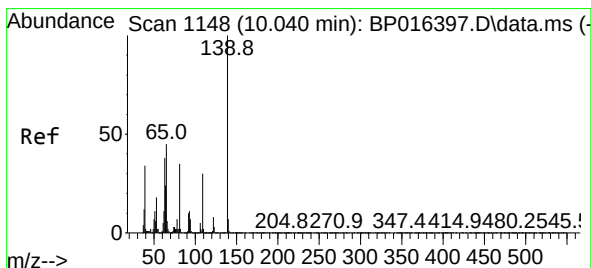
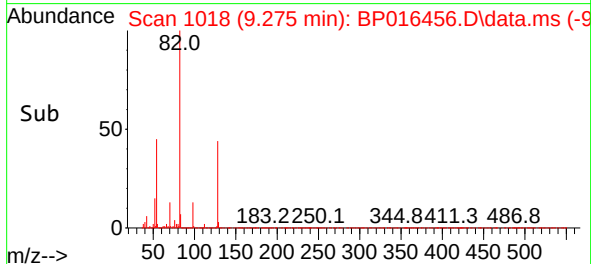
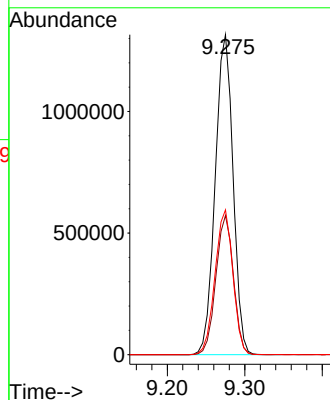
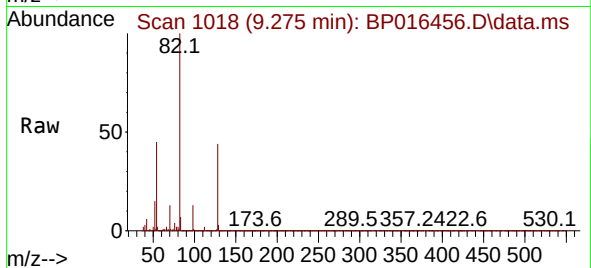
Tgt Ion: 82 Resp: 2101043

Ion Ratio Lower Upper

82 100

128 43.5 36.6 55.0

54 45.3 34.5 51.7



#26

2-Nitrophenol

Concen: 3.130 ng

RT: 10.010 min Scan# 1143

Delta R.T. -0.030 min

Lab File: BP016456.D

Acq: 01 Aug 2023 15:04

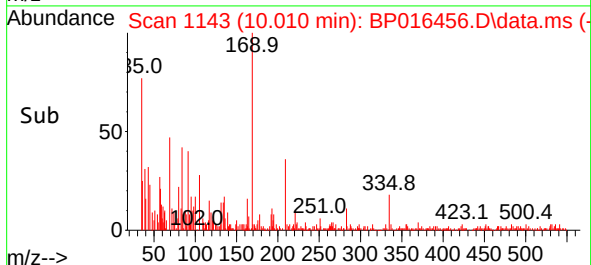
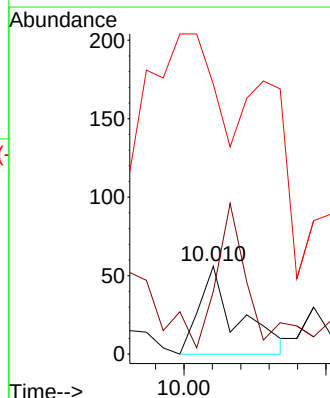
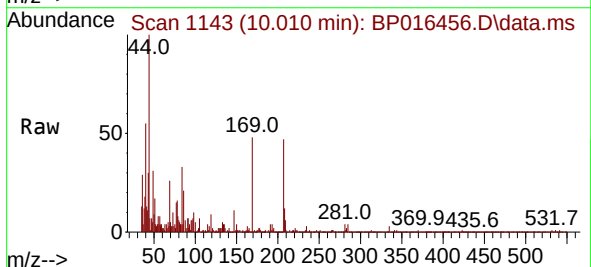
Tgt Ion: 139 Resp: 53

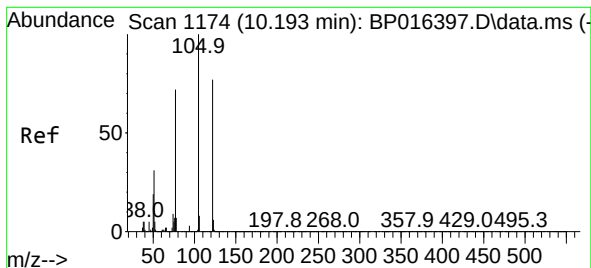
Ion Ratio Lower Upper

139 100

109 67.8 24.2 36.4#

65 291.5 35.8 53.6#





#32

Benzoic acid

Concen: 6.289 ng

RT: 10.187 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BP016456.D

Acq: 01 Aug 2023 15:04

Instrument :

BNA_P

ClientSampleId :

SB-23-14-16-20230721

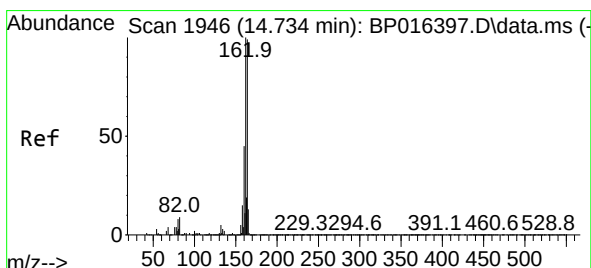
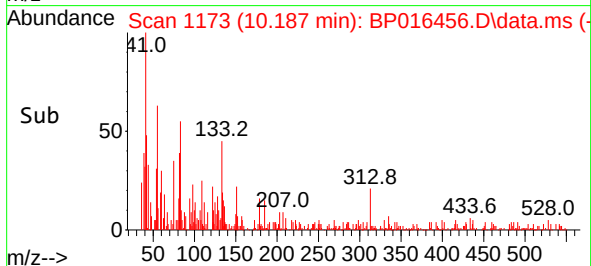
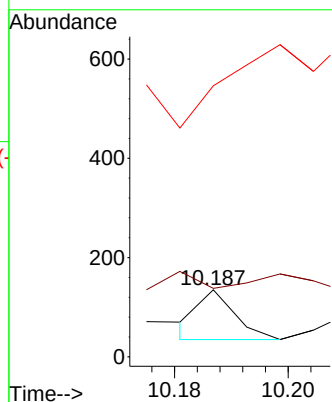
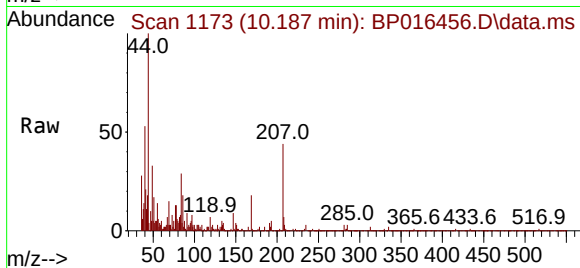
Tgt Ion:122 Resp: 44

Ion Ratio Lower Upper

122 100

105 102.2 105.2 145.2#

77 404.4 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: BP016456.D

Acq: 01 Aug 2023 15:04

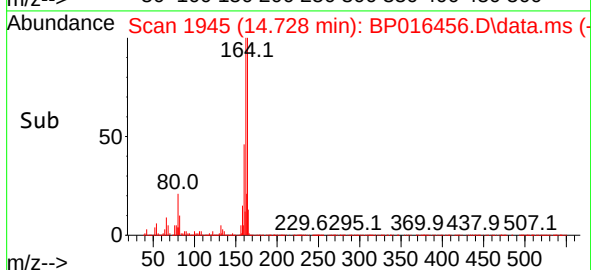
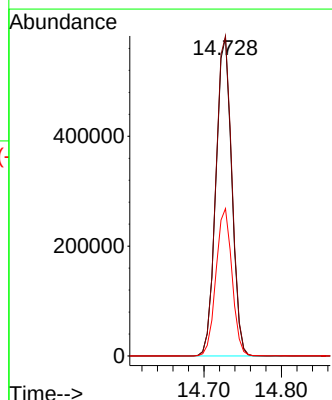
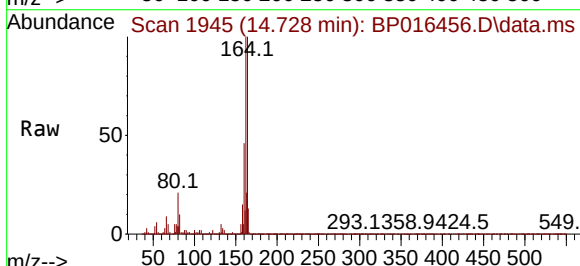
Tgt Ion:164 Resp: 822131

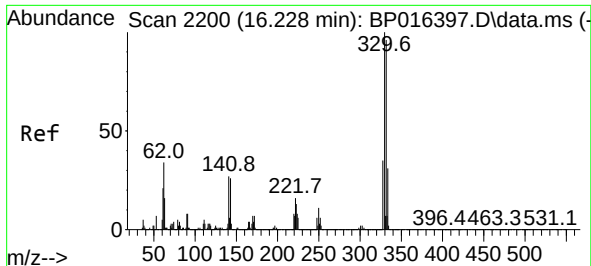
Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.6

160 46.3 36.6 55.0

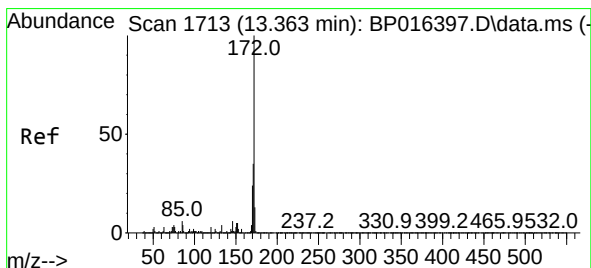
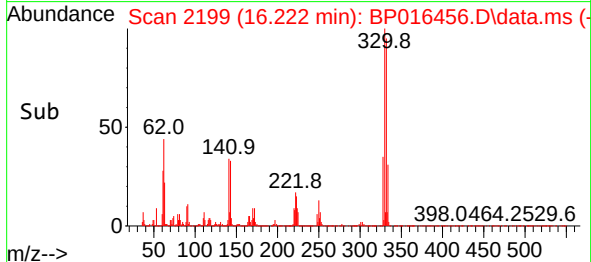
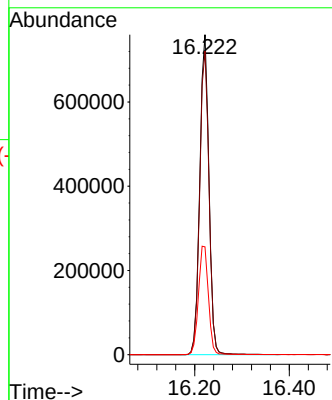
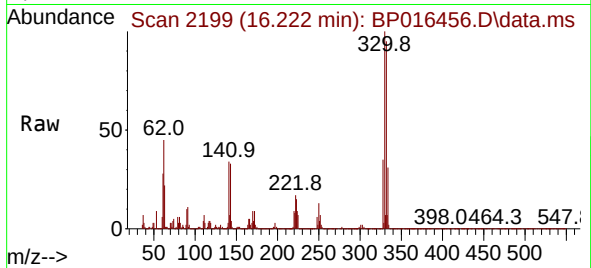




#42
2,4,6-Tribromophenol
Concen: 84.416 ng
RT: 16.222 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP016456.D
Acq: 01 Aug 2023 15:04

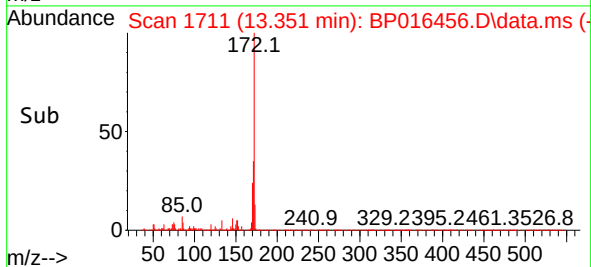
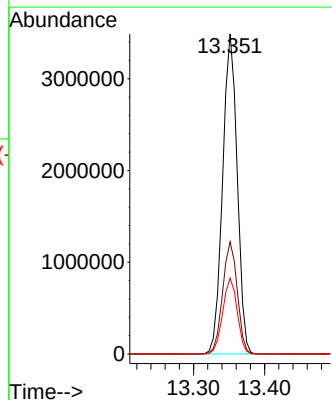
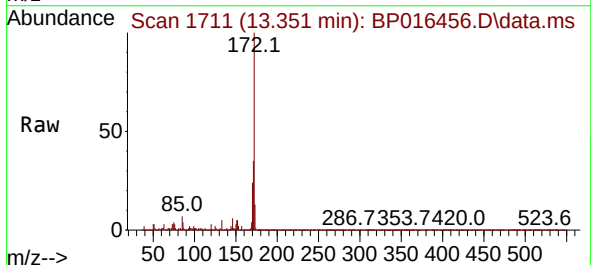
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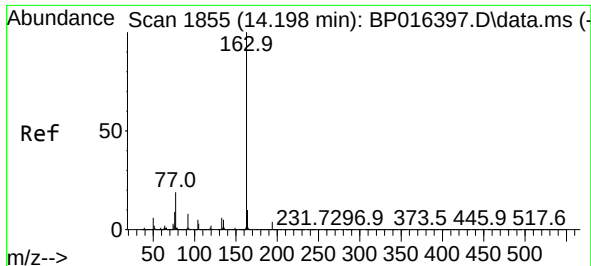
Tgt Ion:330 Resp: 1020990
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 36.8 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 86.201 ng
RT: 13.351 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP016456.D
Acq: 01 Aug 2023 15:04

Tgt Ion:172 Resp: 4943123
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.7 19.1 28.7

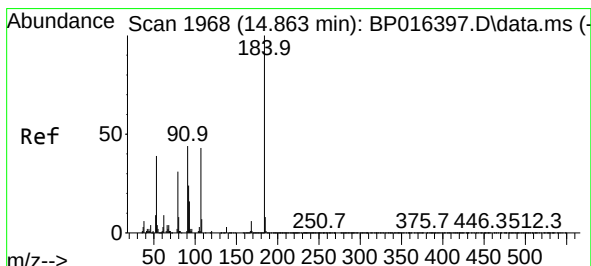
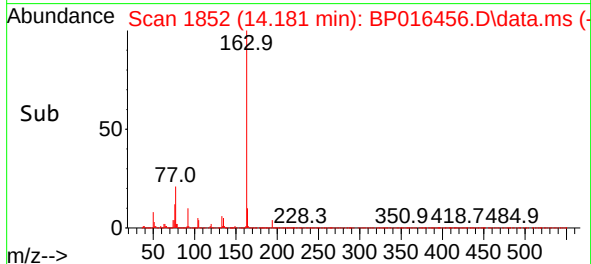
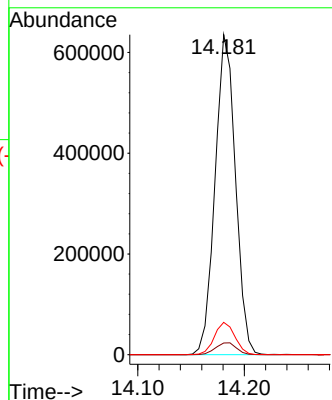
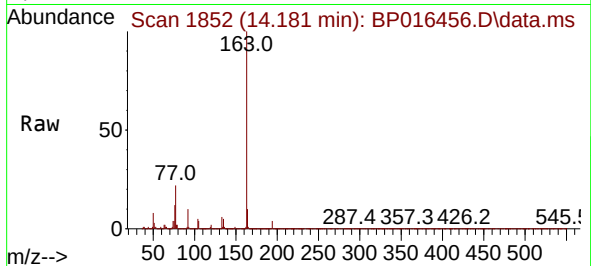




#50
Dimethylphthalate
Concen: 13.192 ng
RT: 14.181 min Scan# 1852
Delta R.T. -0.018 min
Lab File: BP016456.D
Acq: 01 Aug 2023 15:04

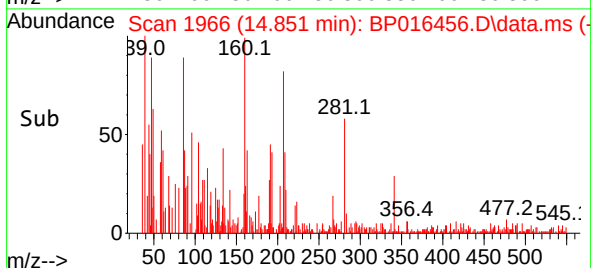
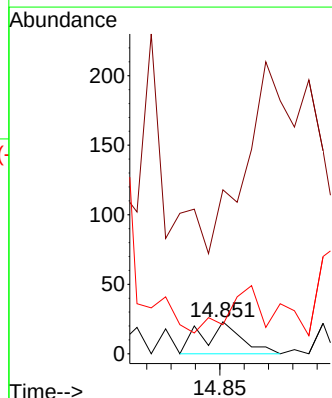
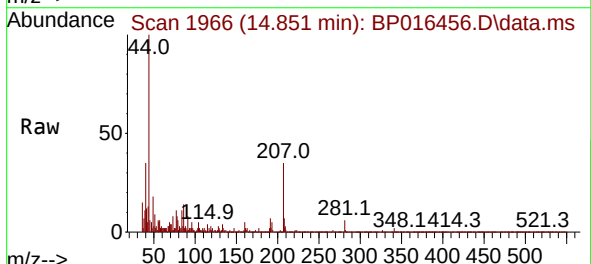
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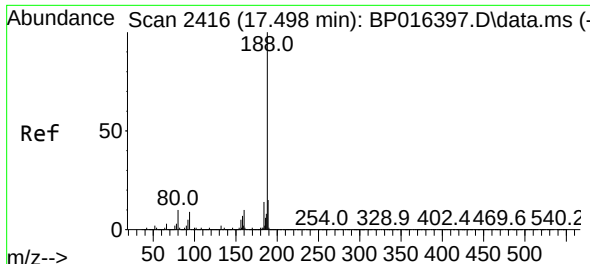
Tgt Ion:163 Resp: 845167
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 10.1 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 8.005 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016456.D
Acq: 01 Aug 2023 15:04

Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 513.0 48.2 72.4#
154 91.3 49.6 74.4#

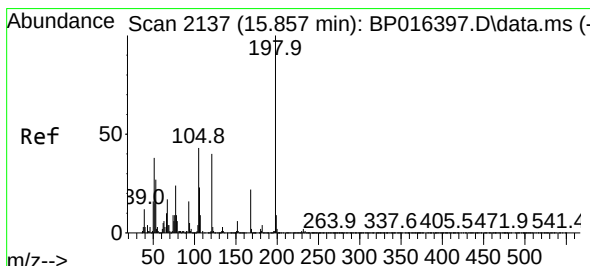
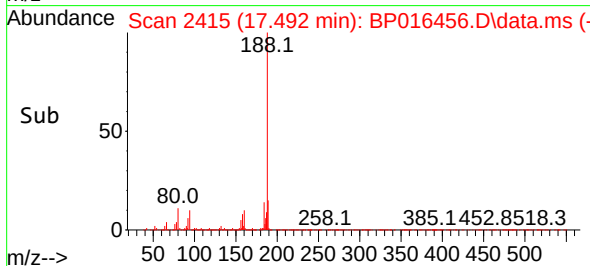
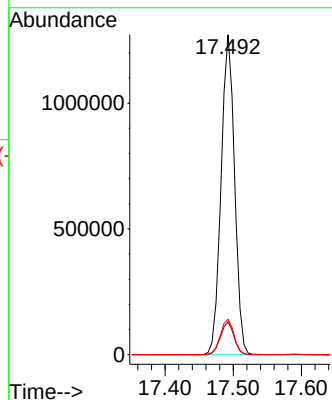
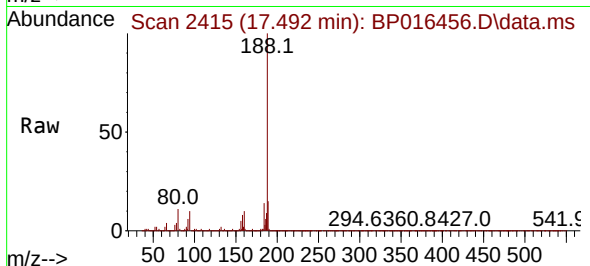




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP016456.D
Acq: 01 Aug 2023 15:04

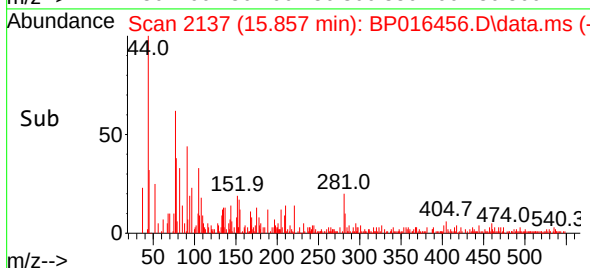
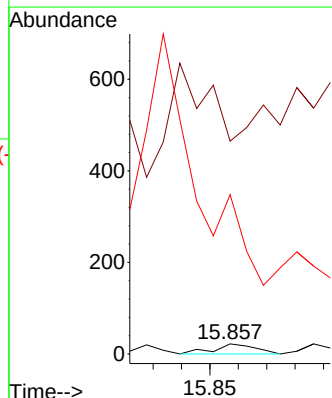
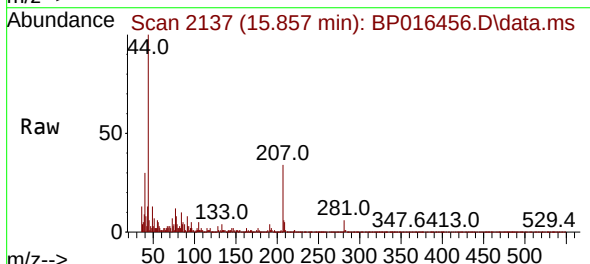
Instrument :
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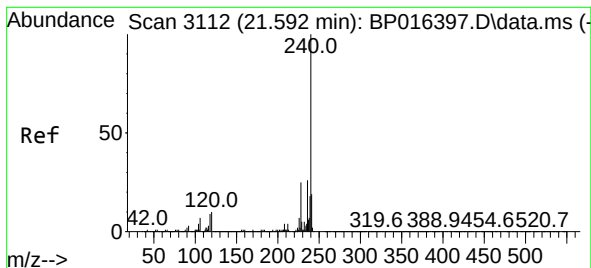
Tgt Ion:188 Resp: 1748592
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.1 7.8 11.8



#65
4,6-Dinitro-2-methylphenol
Concen: 6.304 ng
RT: 15.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP016456.D
Acq: 01 Aug 2023 15:04

Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 2113.6 20.1 60.1#
105 1581.8 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: BP016456.D

Acq: 01 Aug 2023 15:04

Instrument :

BNA_P

ClientSampleId :

SB-23-14-16-20230721

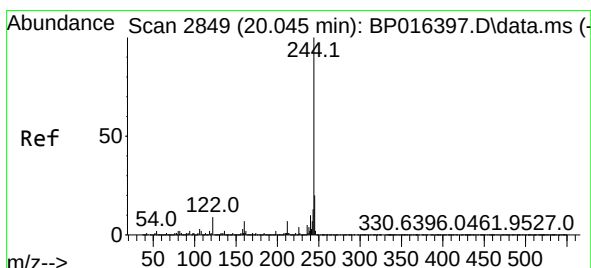
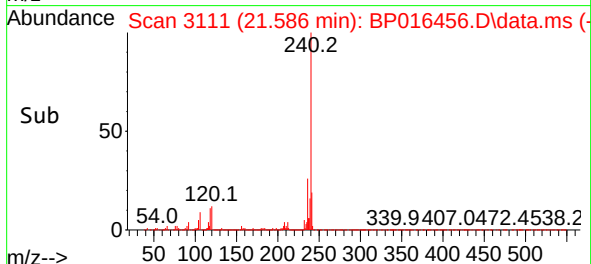
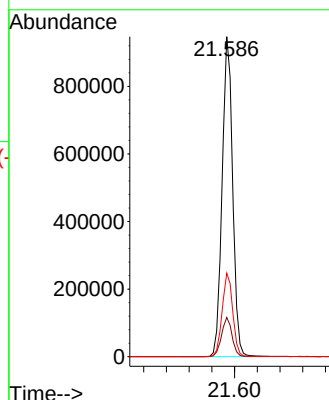
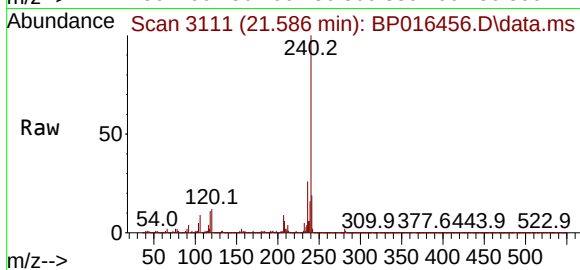
Tgt Ion:240 Resp: 1220899

Ion Ratio Lower Upper

240 100

120 12.3 7.9 11.9#

236 26.1 21.1 31.7



#79

Terphenyl-d14

Concen: 117.524 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016456.D

Acq: 01 Aug 2023 15:04

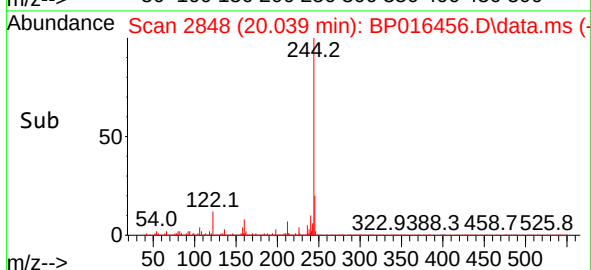
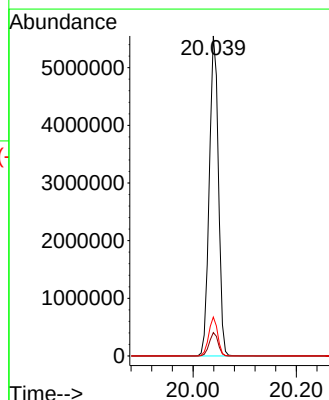
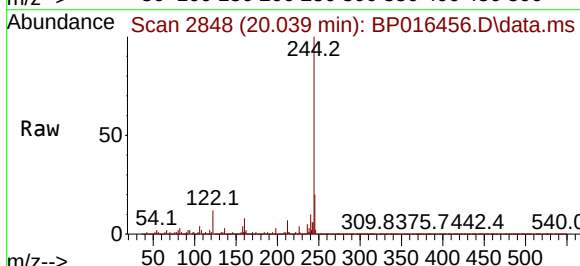
Tgt Ion:244 Resp: 6792450

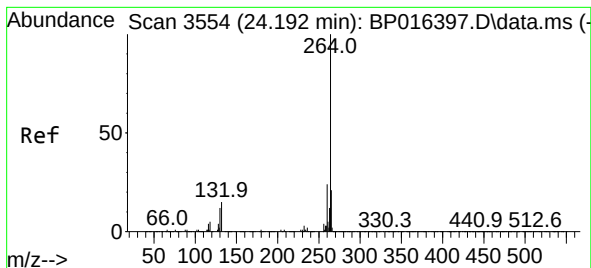
Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 12.1 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: BP016456.D

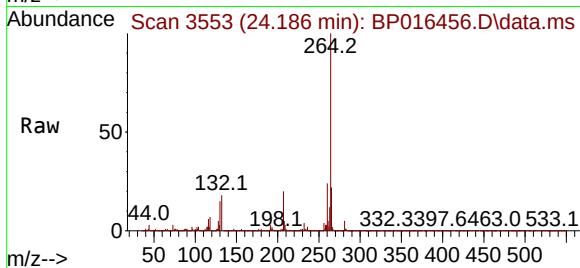
Acq: 01 Aug 2023 15:04

Instrument :

BNA_P

ClientSampleId :

SB-23-14-16-20230721



Tgt Ion:264 Resp: 1172979

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.9	17.4	26.0

264 100

260 23.7 19.3 28.9

265 21.9 17.4 26.0

