

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016432.D
 Acq On : 28 Jul 2023 20:16
 Operator : MA/JU
 Sample : 03770-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DEL-1-RP

Quant Time: Jul 29 00:50:09 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)

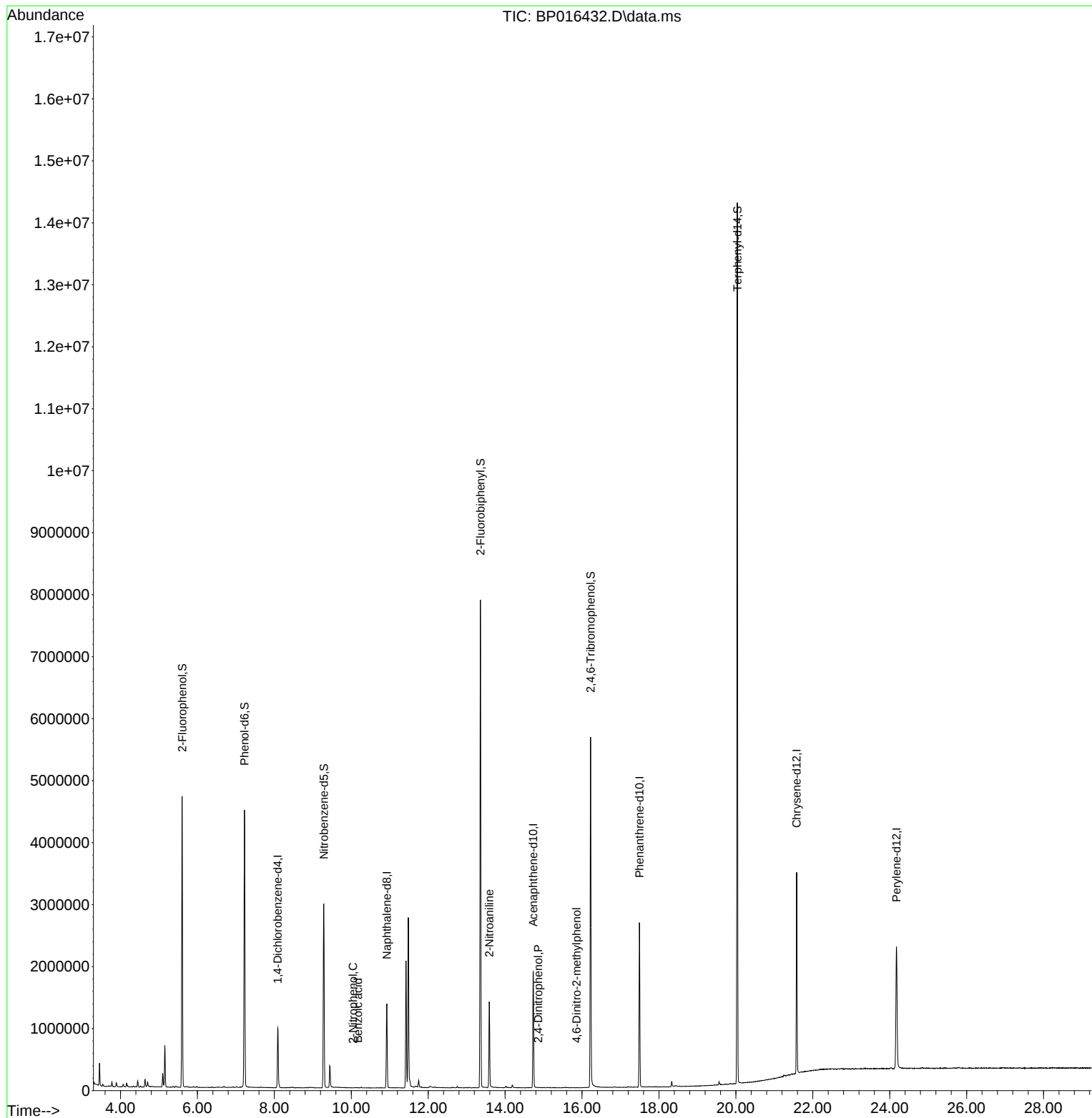
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	261561	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1081444	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	634539	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	1470524	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1418397	20.000	ng	#-0.01
86) Perylene-d12	24.174	264	1529481	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	2131204	132.928	ng	0.00
7) Phenol-d6	7.222	99	2617366	119.103	ng	0.00
23) Nitrobenzene-d5	9.287	82	1737807	89.954	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	983470	105.353	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	3870823	87.457	ng	0.00
79) Terphenyl-d14	20.039	244	6753021	100.573	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.216	77	5080	Below Cal	#	5
26) 2-Nitrophenol	10.045	139	9	3.126 ng	#	1
32) Benzoic acid	10.175	122	214	6.302 ng	#	1
48) 2-Nitroaniline	13.586	65	25415	2.471 ng	#	11
54) 2,4-Dinitrophenol	14.863	184	32	8.008 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.857	198	15	6.303 ng	#	1

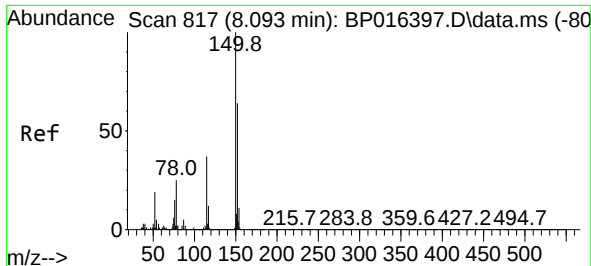
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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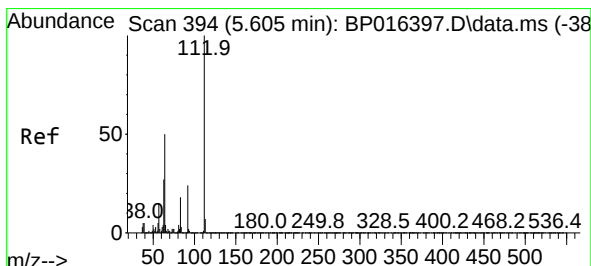
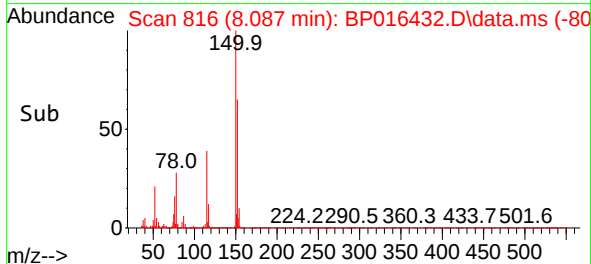
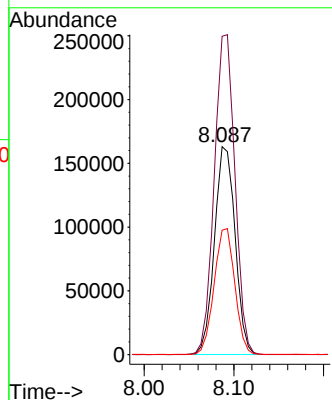
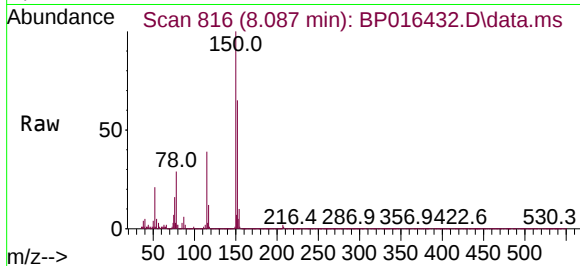




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP016432.D
Acq: 28 Jul 2023 20:16

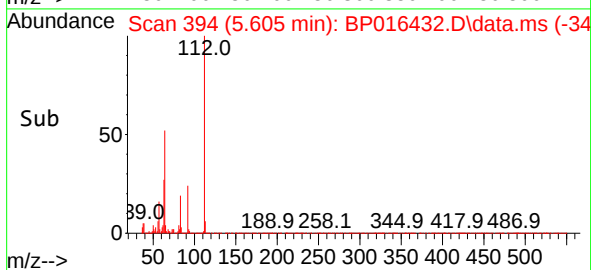
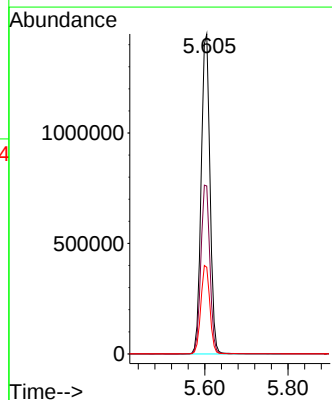
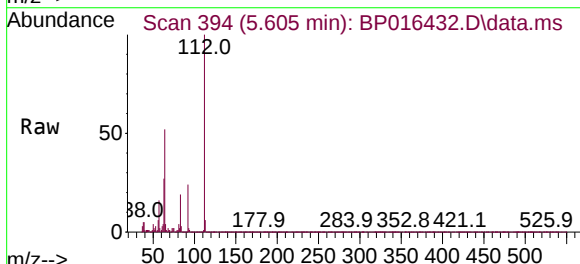
Instrument :
BNA_P
ClientSampleId :
DEL-1-RP

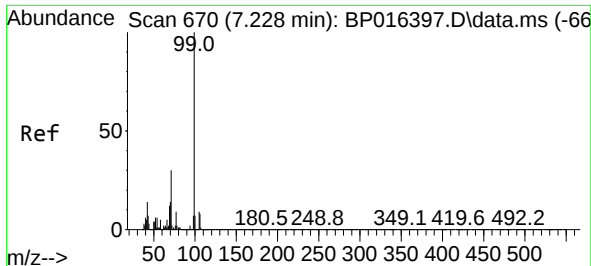
Tgt Ion:152 Resp: 261561
Ion Ratio Lower Upper
152 100
150 153.1 124.9 187.3
115 59.8 46.8 70.2



#5
2-Fluorophenol
Concen: 132.928 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016432.D
Acq: 28 Jul 2023 20:16

Tgt Ion:112 Resp: 2131204
Ion Ratio Lower Upper
112 100
64 52.5 40.0 60.0
63 27.1 21.2 31.8

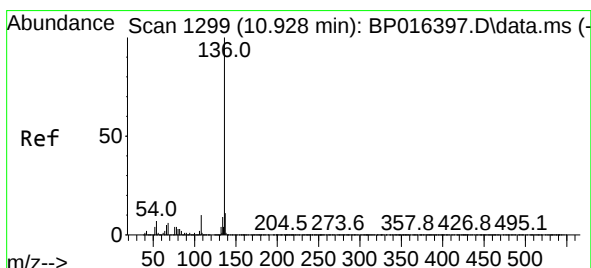
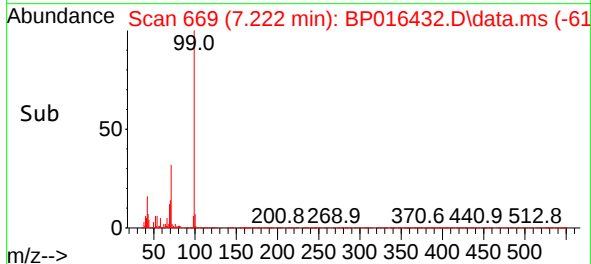
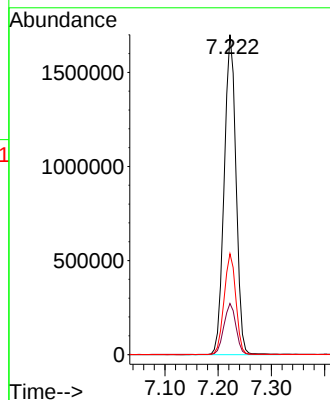
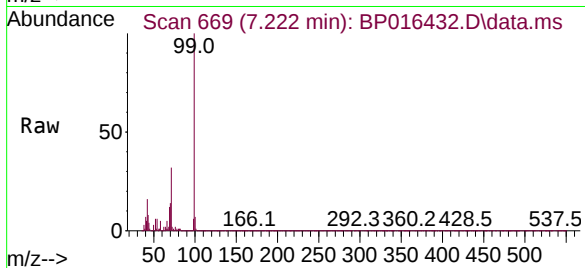




#7
Phenol-d6
Concen: 119.103 ng
RT: 7.222 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP016432.D
Acq: 28 Jul 2023 20:16

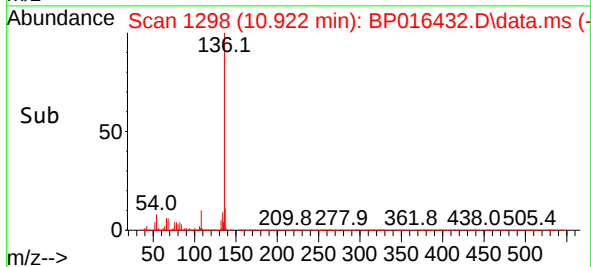
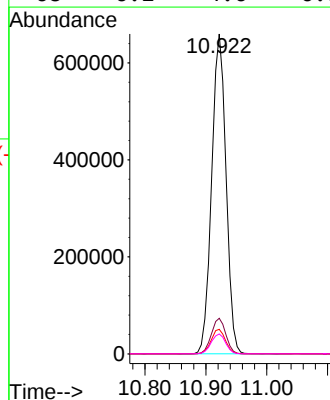
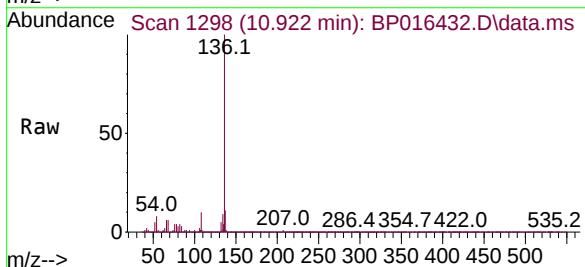
Instrument :
BNA_P
ClientSampleId :
DEL-1-RP

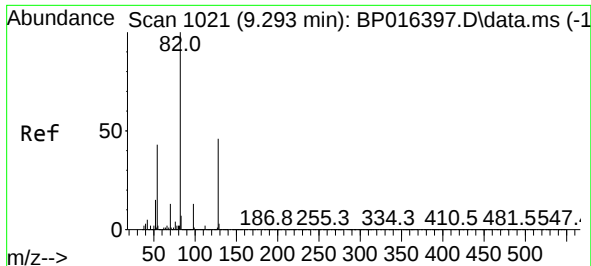
Tgt Ion: 99 Resp: 2617366
Ion Ratio Lower Upper
99 100
42 16.0 11.6 17.4
71 31.5 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016432.D
Acq: 28 Jul 2023 20:16

Tgt Ion:136 Resp: 1081444
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.7 5.6 8.4
68 6.2 4.6 6.8

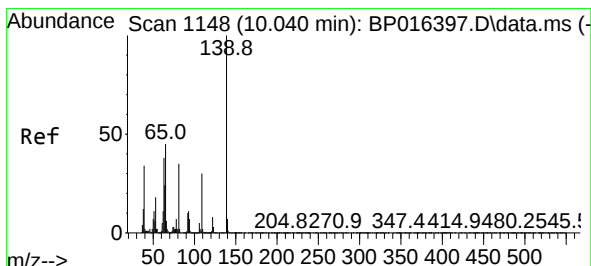
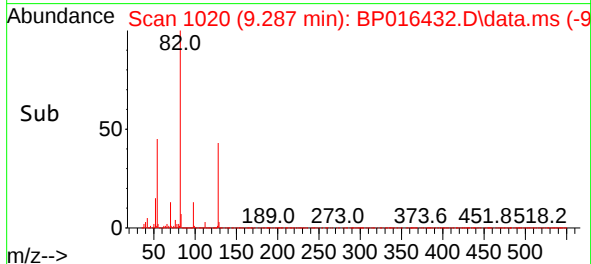
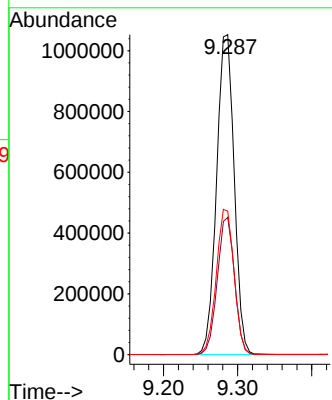
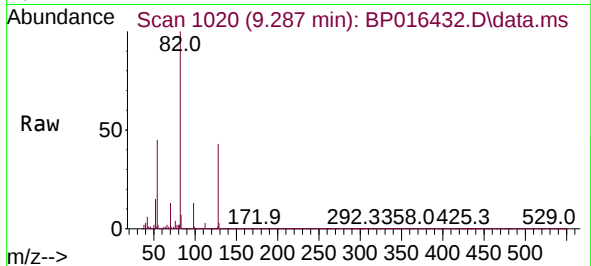




#23
Nitrobenzene-d5
Concen: 89.954 ng
RT: 9.287 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP016432.D
Acq: 28 Jul 2023 20:16

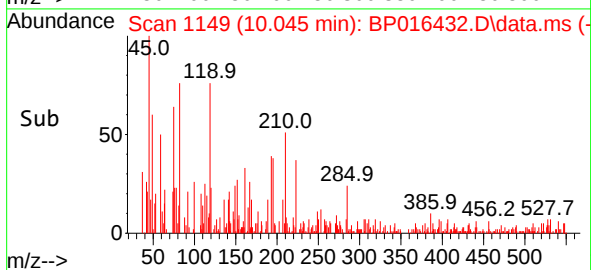
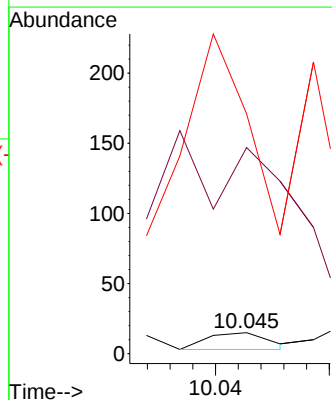
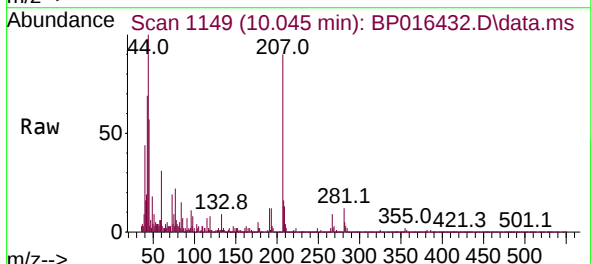
Instrument :
BNA_P
ClientSampleId :
DEL-1-RP

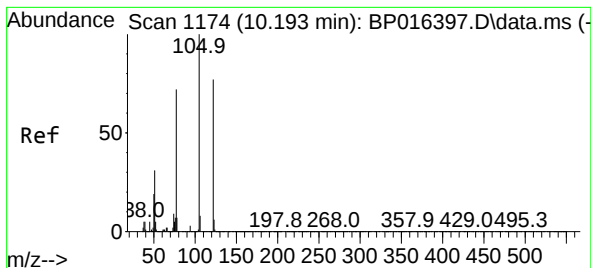
Tgt Ion: 82 Resp: 1737807
Ion Ratio Lower Upper
82 100
128 42.9 36.6 55.0
54 44.8 34.5 51.7



#26
2-Nitrophenol
Concen: 3.126 ng
RT: 10.045 min Scan# 1149
Delta R.T. 0.005 min
Lab File: BP016432.D
Acq: 28 Jul 2023 20:16

Tgt Ion: 139 Resp: 9
Ion Ratio Lower Upper
139 100
109 980.0 24.2 36.4#
65 1140.0 35.8 53.6#





#32

Benzoic acid

Concen: 6.302 ng

RT: 10.175 min Scan# 1171

Delta R.T. -0.018 min

Lab File: BP016432.D

Acq: 28 Jul 2023 20:16

Instrument :

BNA_P

ClientSampleId :

DEL-1-RP

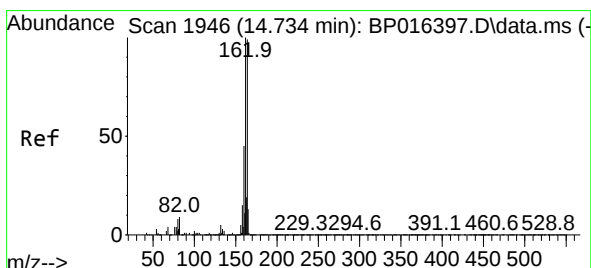
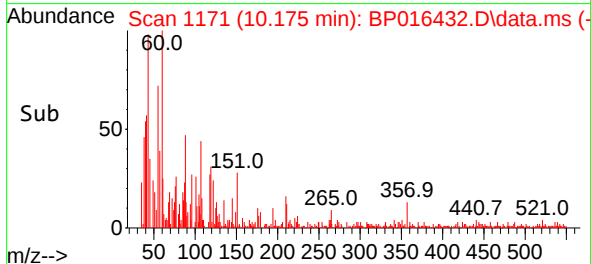
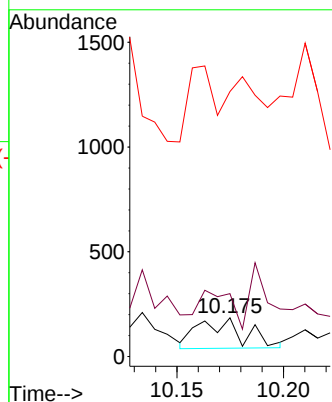
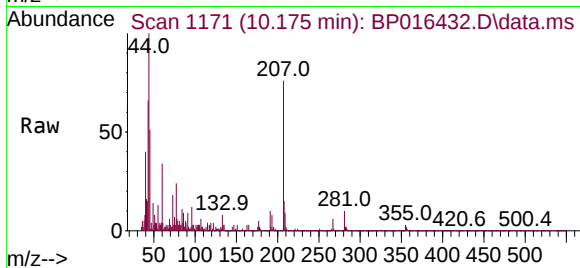
Tgt Ion:122 Resp: 214

Ion Ratio Lower Upper

122 100

105 162.2 105.2 145.2#

77 683.8 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: BP016432.D

Acq: 28 Jul 2023 20:16

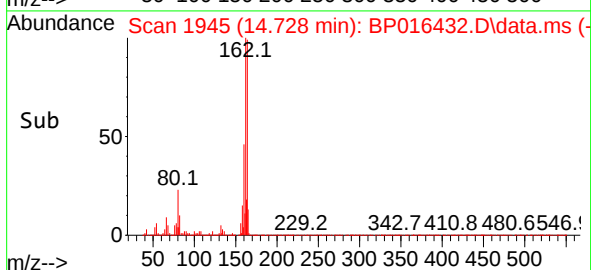
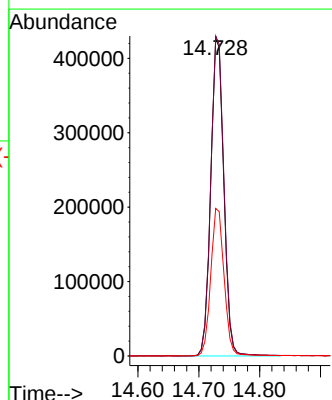
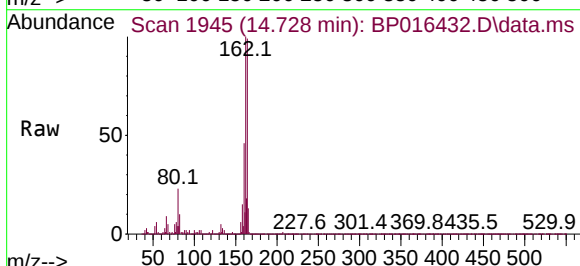
Tgt Ion:164 Resp: 634539

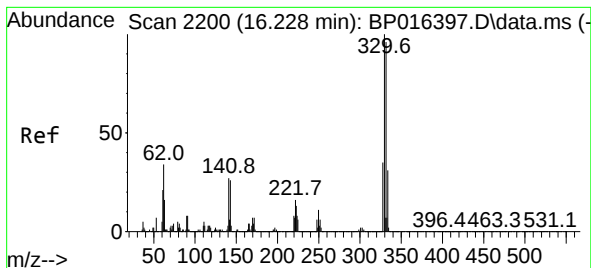
Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.6

160 46.5 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 105.353 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016432.D

Acq: 28 Jul 2023 20:16

Instrument :

BNA_P

ClientSampleId :

DEL-1-RP

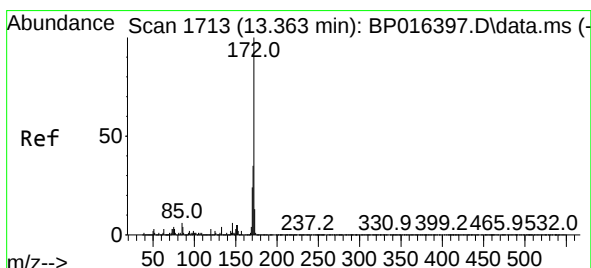
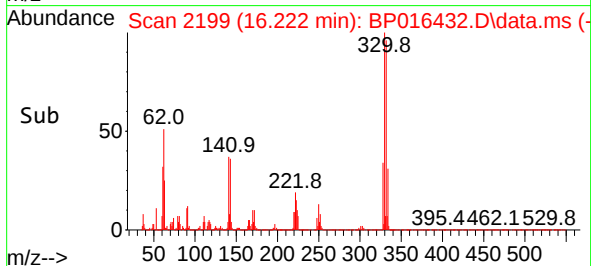
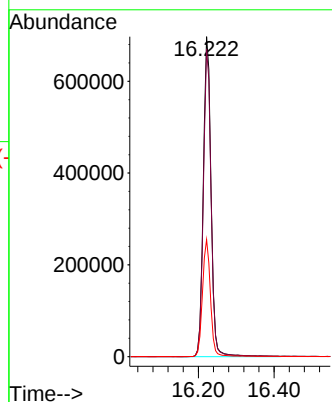
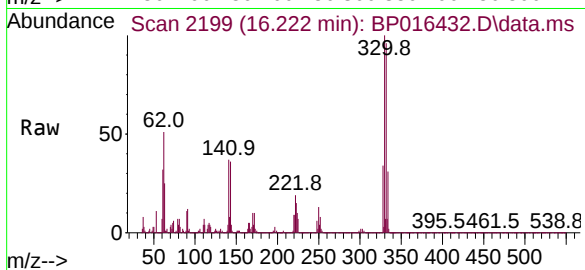
Tgt Ion:330 Resp: 983470

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.8

141 37.8 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 87.457 ng

RT: 13.357 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP016432.D

Acq: 28 Jul 2023 20:16

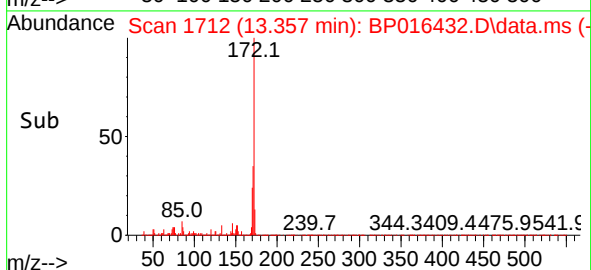
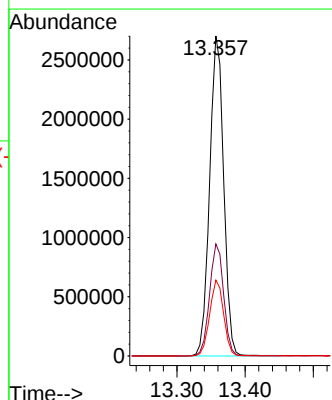
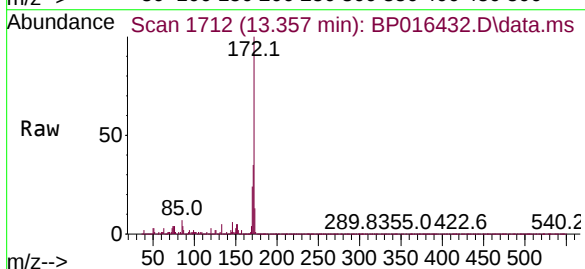
Tgt Ion:172 Resp: 3870823

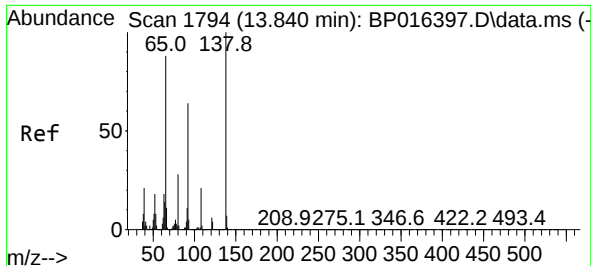
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.7 19.1 28.7

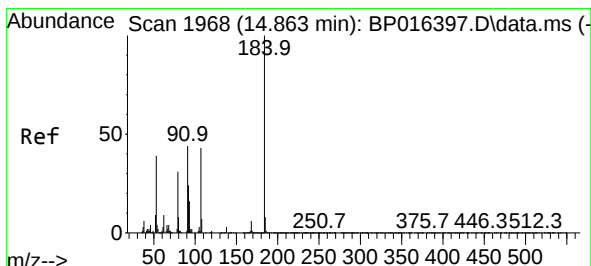
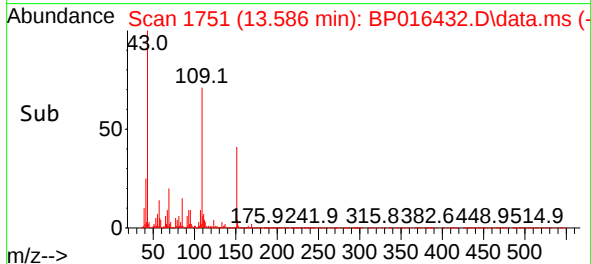
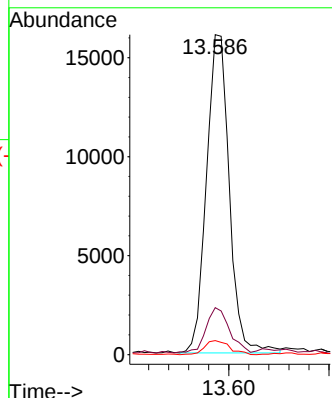
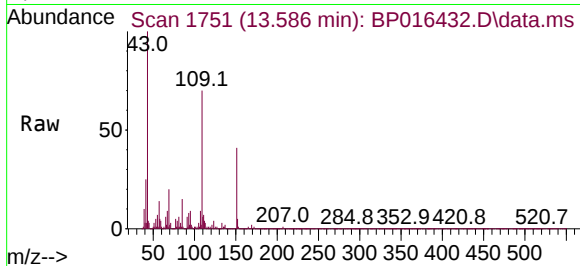




#48
2-Nitroaniline
Concen: 2.471 ng
RT: 13.586 min Scan# 1751
Delta R.T. -0.253 min
Lab File: BP016432.D
Acq: 28 Jul 2023 20:16

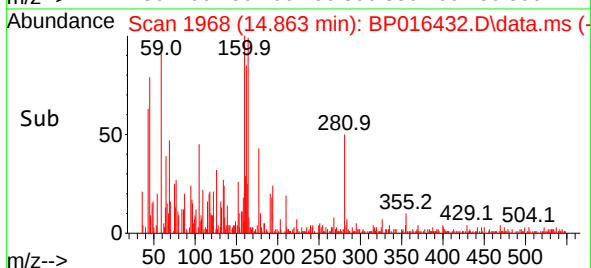
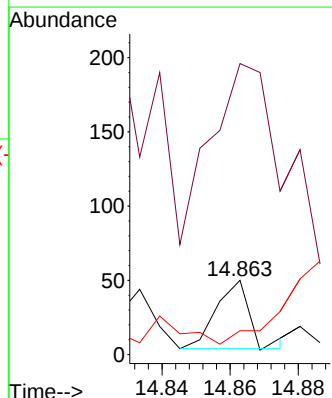
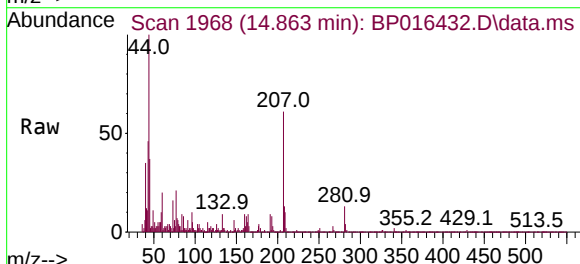
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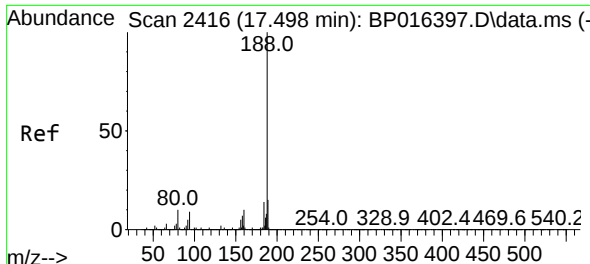
Tgt Ion: 65 Resp: 25415
Ion Ratio Lower Upper
65 100
92 14.7 58.2 87.4#
138 4.4 91.3 136.9#



#54
2,4-Dinitrophenol
Concen: 8.008 ng
RT: 14.863 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BP016432.D
Acq: 28 Jul 2023 20:16

Tgt Ion: 184 Resp: 32
Ion Ratio Lower Upper
184 100
63 356.4 48.2 72.4#
154 29.1 49.6 74.4#

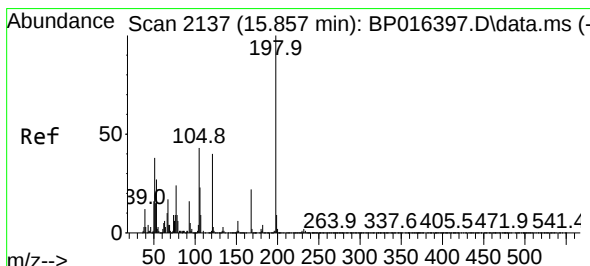
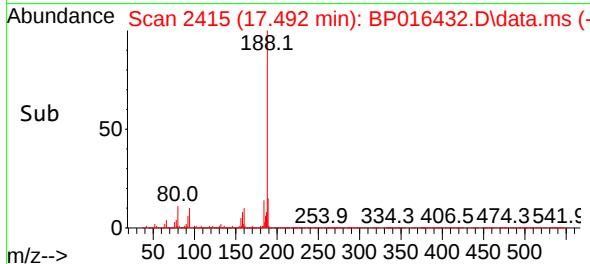
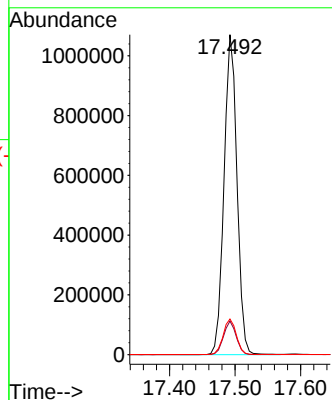
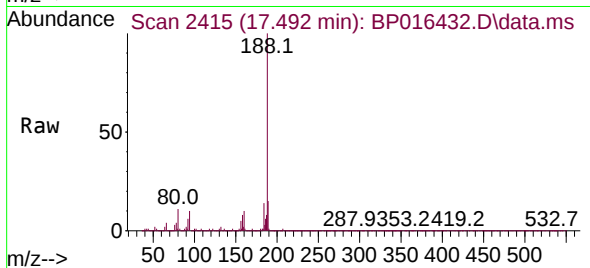




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP016432.D
Acq: 28 Jul 2023 20:16

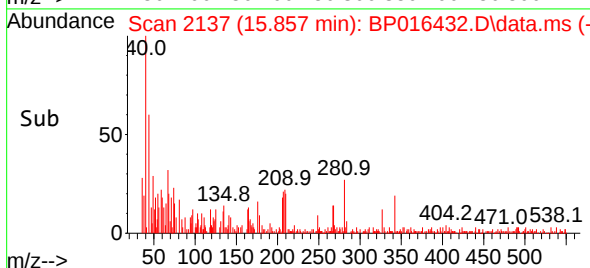
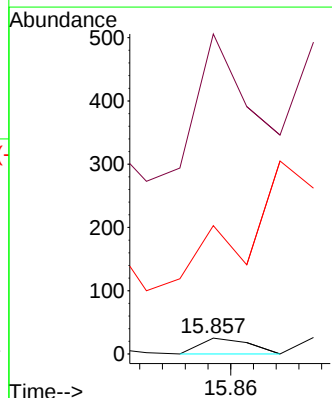
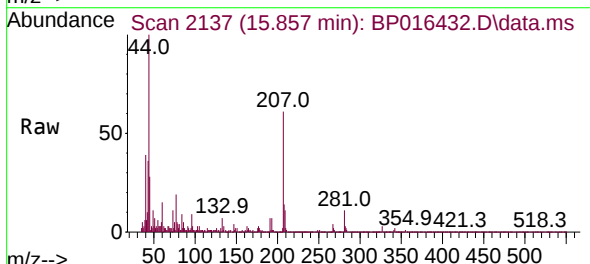
Instrument :
BNA_P
ClientSampleId :
DEL-1-RP

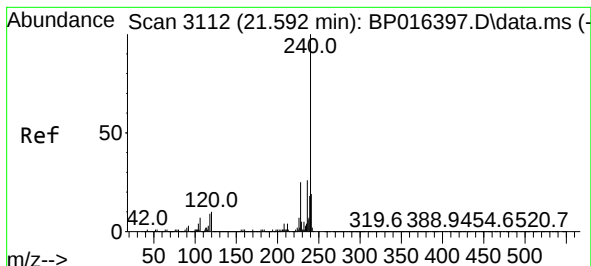
Tgt Ion:188 Resp: 1470524
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.0
80 11.1 7.8 11.8



#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.857 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP016432.D
Acq: 28 Jul 2023 20:16

Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 2024.0 20.1 60.1#
105 812.0 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: BP016432.D

Acq: 28 Jul 2023 20:16

Instrument :

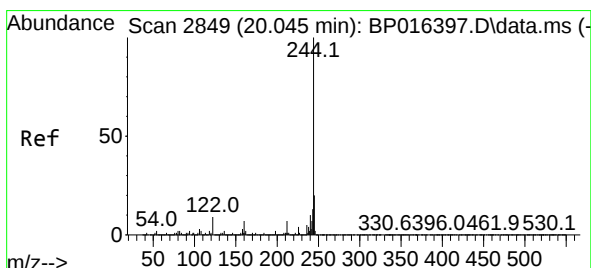
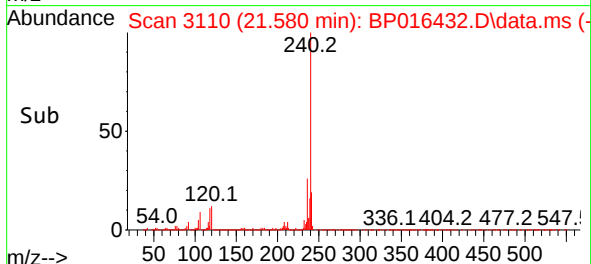
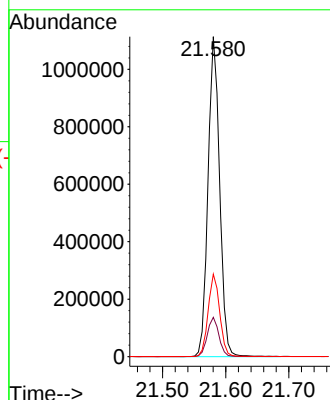
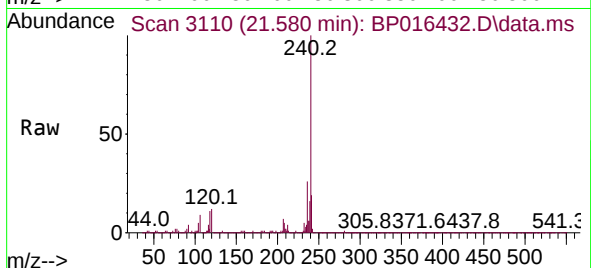
BNA_P

ClientSampleId :

DEL-1-RP

Tgt Ion:240 Resp: 1418397

Ion	Ratio	Lower	Upper
240	100		
120	12.3	7.9	11.9
236	25.8	21.1	31.7



#79

Terphenyl-d14

Concen: 100.573 ng

RT: 20.039 min Scan# 2848

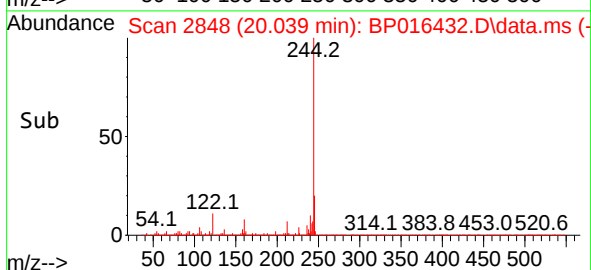
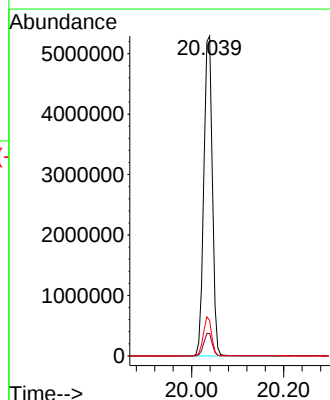
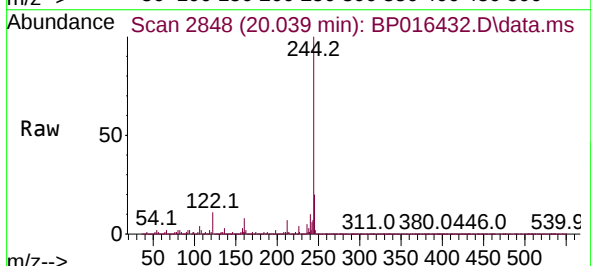
Delta R.T. -0.006 min

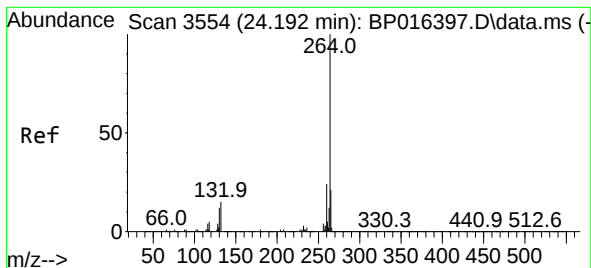
Lab File: BP016432.D

Acq: 28 Jul 2023 20:16

Tgt Ion:244 Resp: 6753021

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.1	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: BP016432.D

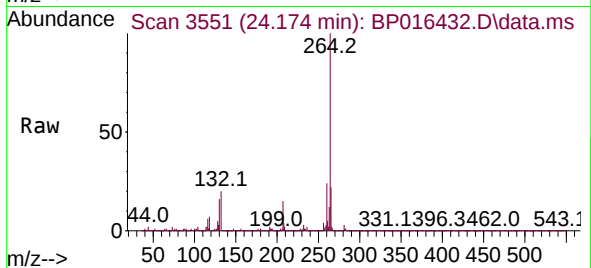
Acq: 28 Jul 2023 20:16

Instrument :

BNA_P

ClientSampleId :

DEL-1-RP



Tgt Ion:264 Resp: 1529481

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.7 17.4 26.0

