

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
 Data File : BP010655.D
 Acq On : 01 Jun 2022 17:15
 Operator : CG/JU
 Sample : N2990-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P028-SS001-0612-01

Quant Time: Jun 02 10:05:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

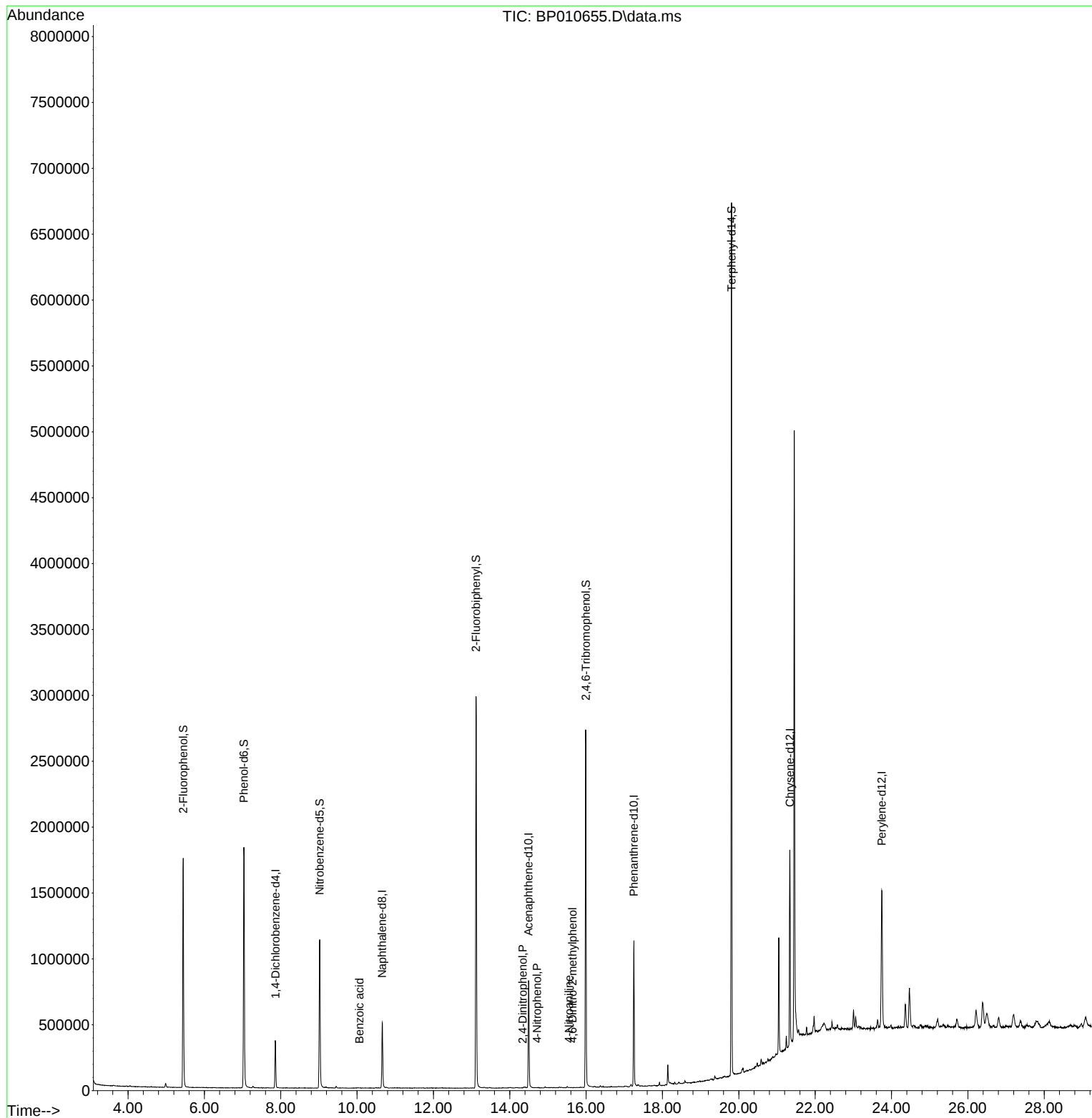
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	95357	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	415275	20.000	ng	-0.01
39) Acenaphthene-d10	14.493	164	287603	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	656254	20.000	ng	0.00
76) Chrysene-d12	21.339	240	761815	20.000	ng	0.00
86) Perylene-d12	23.745	264	831761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	690098	132.025	ng	0.00
7) Phenol-d6	7.034	99	1004201	135.327	ng	0.00
23) Nitrobenzene-d5	9.022	82	660153	75.157	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	480111	147.475	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1516285	74.825	ng	-0.01
79) Terphenyl-d14	19.810	244	3005570	74.104	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.063	122	131	7.353	ng	95
54) 2,4-Dinitrophenol	14.340	184	6	6.648	ng	85
56) 4-Nitrophenol	14.716	139	25	3.604	ng	# 62
62) 4-Nitroaniline	15.551	138	52	2.144	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.645	198	23	4.608	ng	# 1

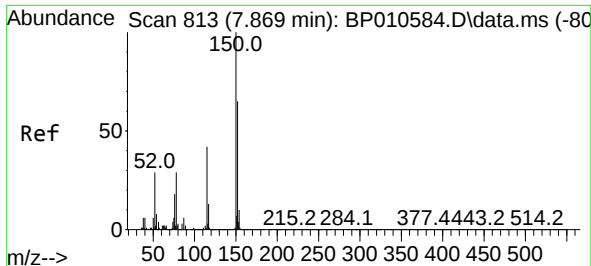
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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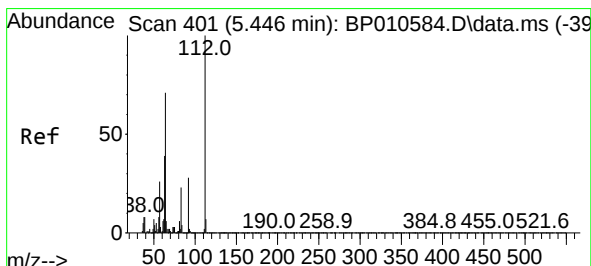
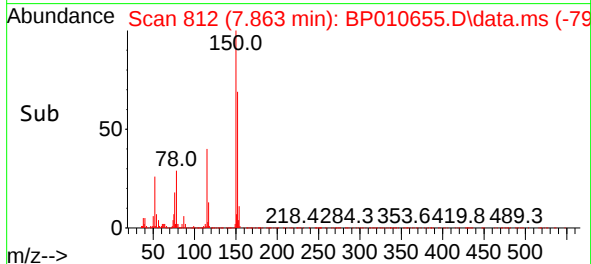
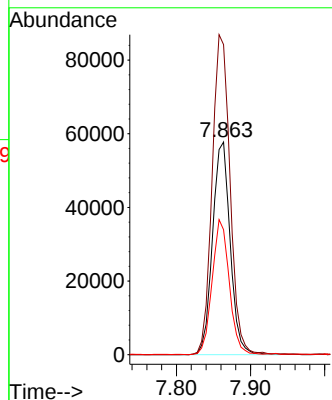
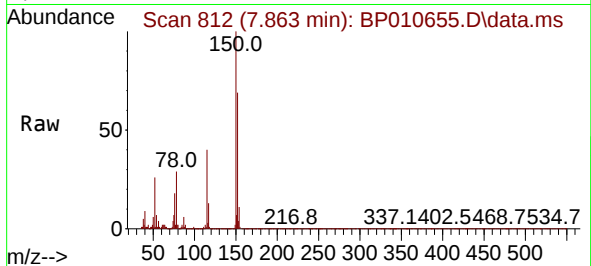




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010655.D
Acq: 01 Jun 2022 17:15

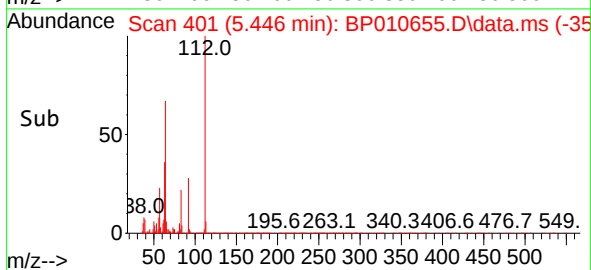
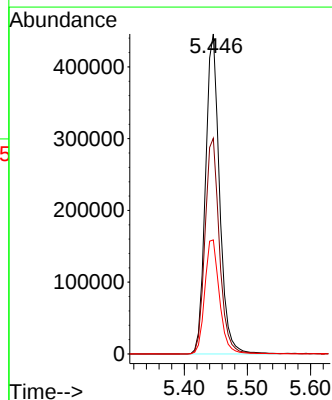
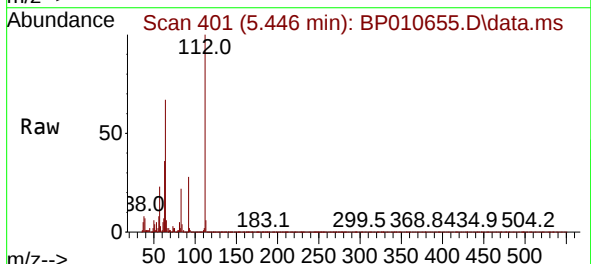
Instrument :
BNA_P
ClientSampleId :
P028-SS001-0612-01

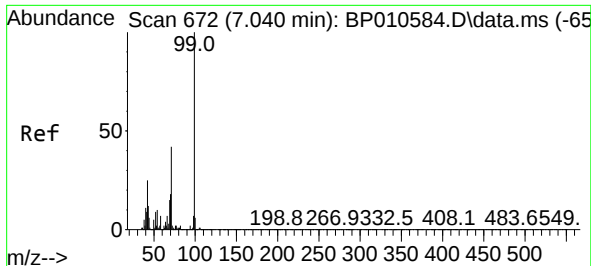
Tgt Ion:152 Resp: 95357
Ion Ratio Lower Upper
152 100
150 145.8 123.4 185.2
115 58.8 51.3 76.9



#5
2-Fluorophenol
Concen: 132.025 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010655.D
Acq: 01 Jun 2022 17:15

Tgt Ion:112 Resp: 690098
Ion Ratio Lower Upper
112 100
64 67.4 56.9 85.3
63 35.6 31.2 46.8

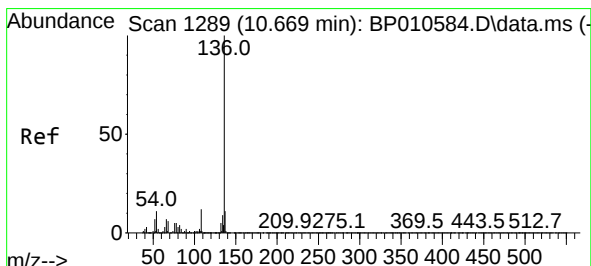
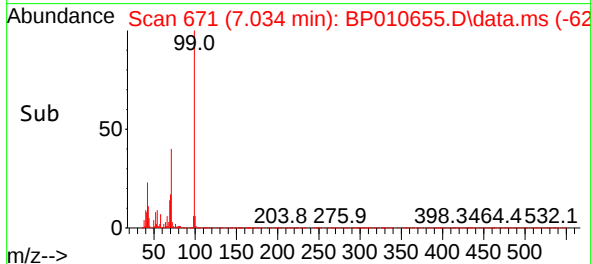
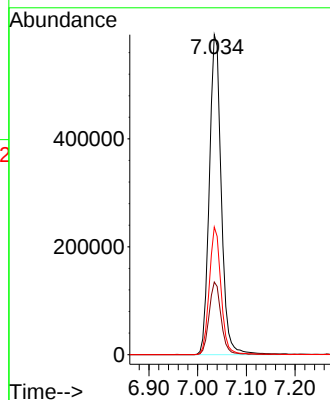
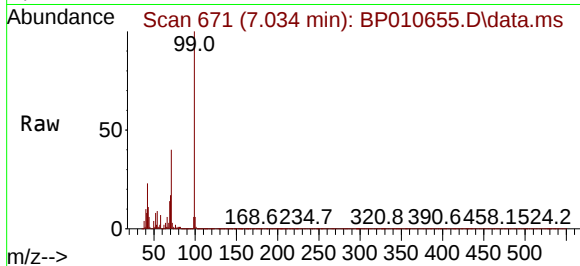




#7
Phenol-d6
Concen: 135.327 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010655.D
Acq: 01 Jun 2022 17:15

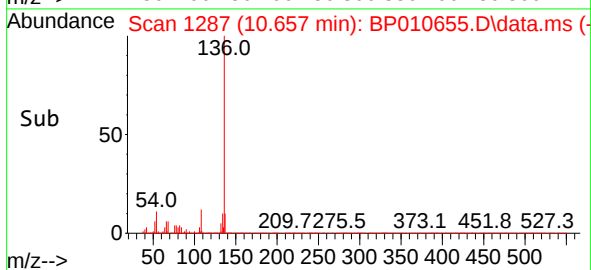
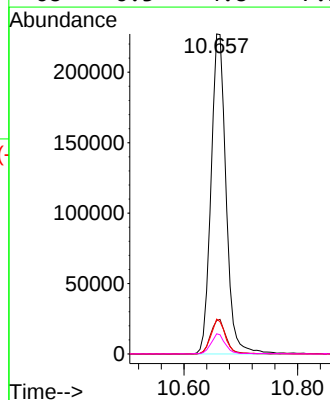
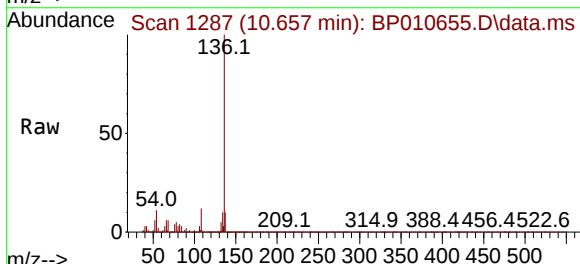
Instrument :
BNA_P
ClientSampleId :
P028-SS001-0612-01

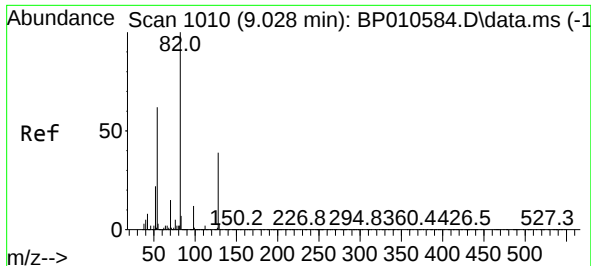
Tgt Ion: 99 Resp: 1004201
Ion Ratio Lower Upper
99 100
42 22.7 20.3 30.5
71 39.9 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP010655.D
Acq: 01 Jun 2022 17:15

Tgt Ion:136 Resp: 415275
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 10.9 8.7 13.1
68 6.3 4.8 7.2

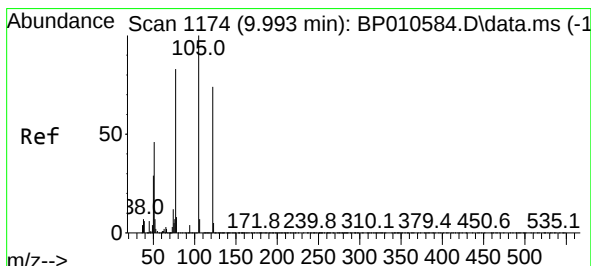
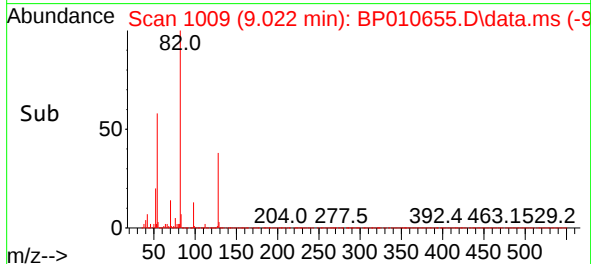
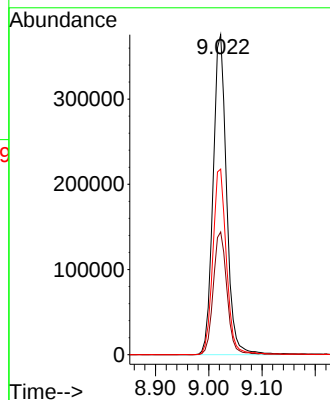
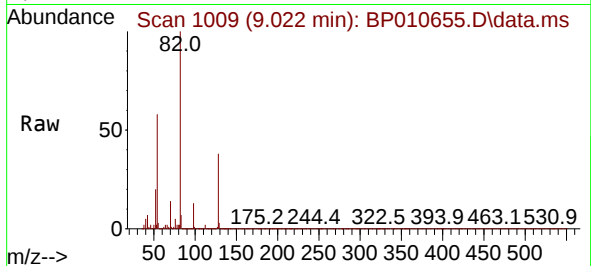




#23
Nitrobenzene-d5
Concen: 75.157 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP010655.D
Acq: 01 Jun 2022 17:15

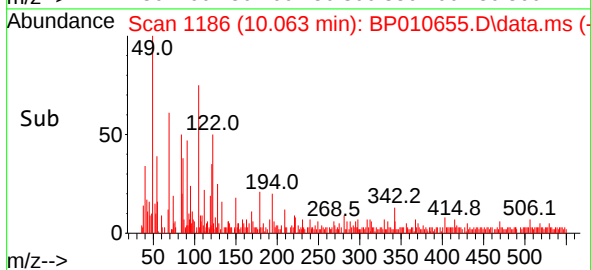
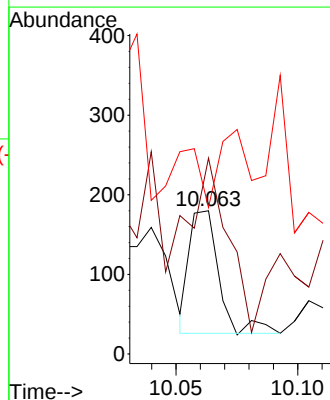
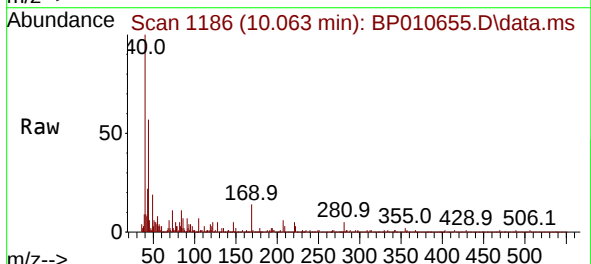
Instrument :
BNA_P
ClientSampleId :
P028-SS001-0612-01

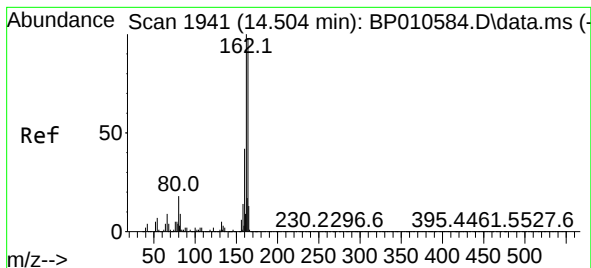
Tgt Ion: 82 Resp: 660153
Ion Ratio Lower Upper
82 100
128 38.3 31.3 46.9
54 58.0 49.8 74.8



#32
Benzoic acid
Concen: 7.353 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.070 min
Lab File: BP010655.D
Acq: 01 Jun 2022 17:15

Tgt Ion: 122 Resp: 131
Ion Ratio Lower Upper
122 100
105 136.7 112.6 152.6
77 102.2 90.2 130.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.493 min Scan# 1939

Delta R.T. -0.011 min

Lab File: BP010655.D

Acq: 01 Jun 2022 17:15

Instrument :

BNA_P

ClientSampleId :

P028-SS001-0612-01

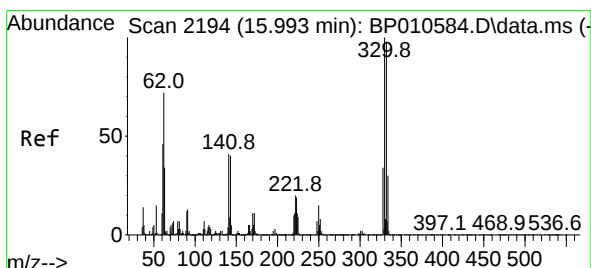
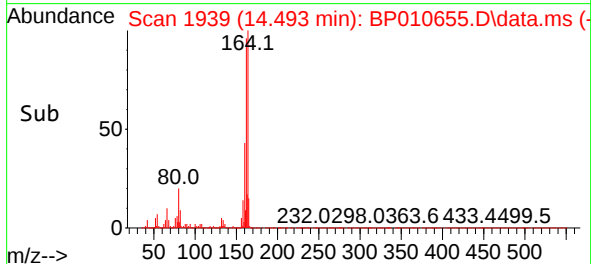
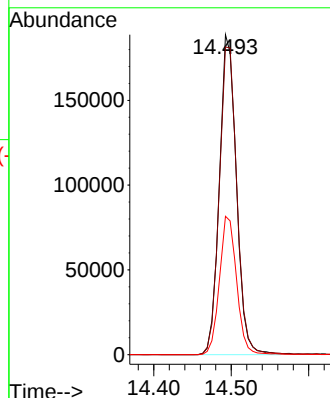
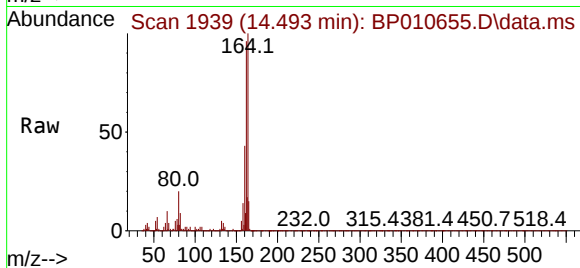
Tgt Ion:164 Resp: 287603

Ion Ratio Lower Upper

164 100

162 96.2 81.9 122.9

160 43.3 34.6 51.8



#42

2,4,6-Tribromophenol

Concen: 147.475 ng

RT: 15.992 min Scan# 2194

Delta R.T. -0.001 min

Lab File: BP010655.D

Acq: 01 Jun 2022 17:15

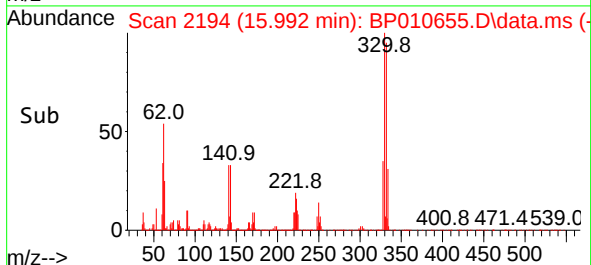
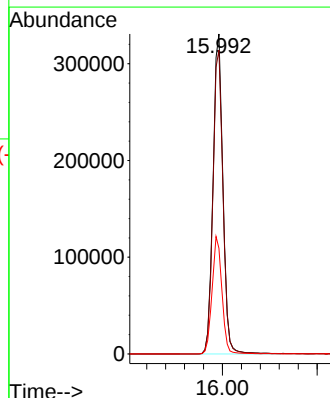
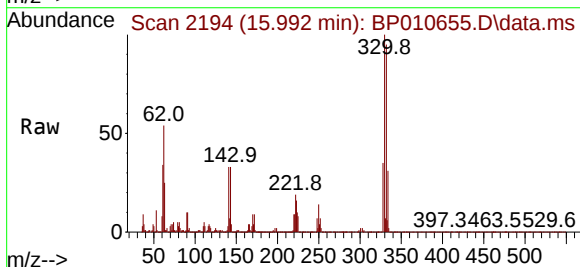
Tgt Ion:330 Resp: 480111

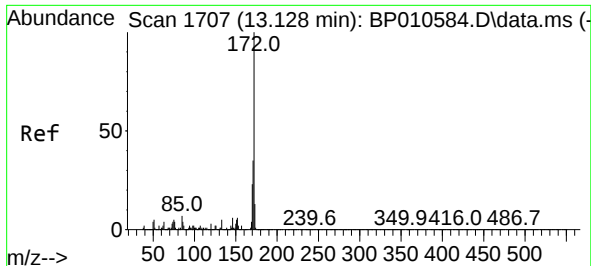
Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

141 36.6 31.4 47.2

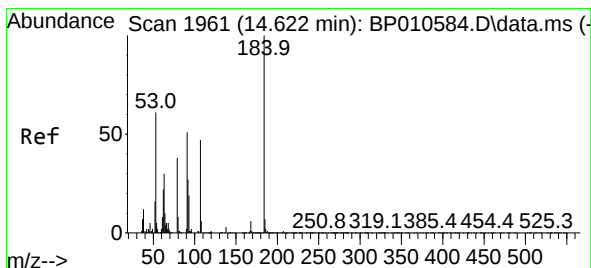
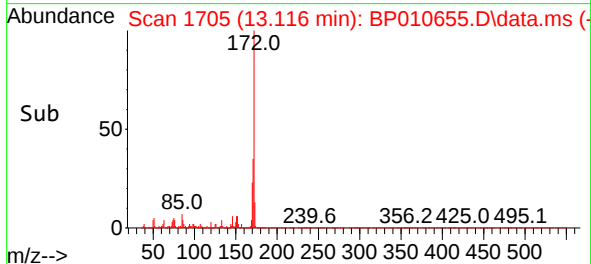
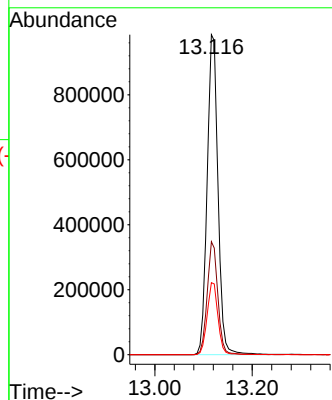
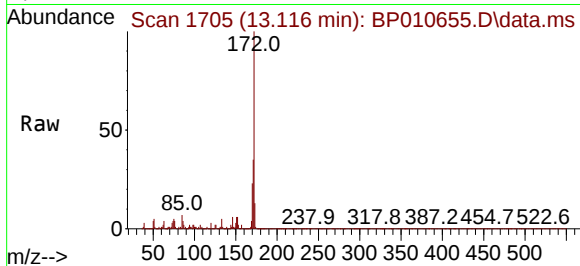




#45
2-Fluorobiphenyl
Concen: 74.825 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010655.D
Acq: 01 Jun 2022 17:15

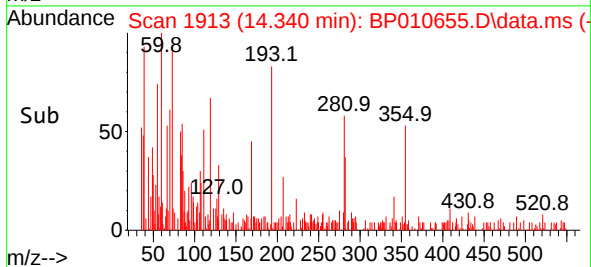
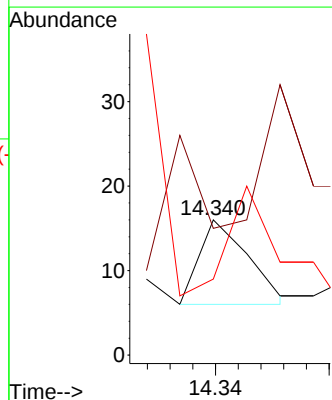
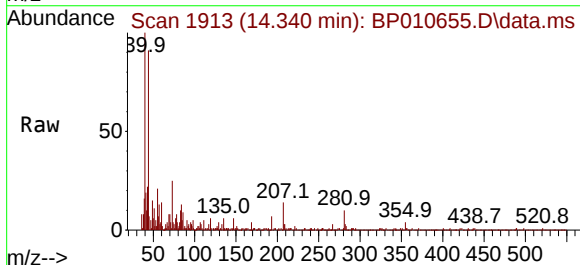
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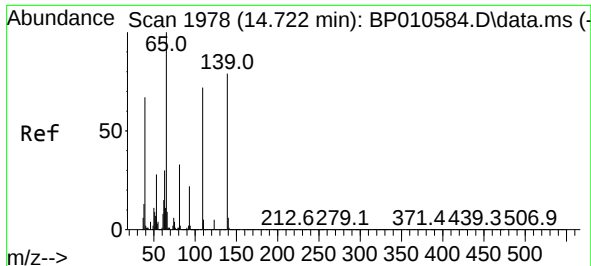
Tgt Ion:172 Resp: 1516285
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.5 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.648 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.282 min
Lab File: BP010655.D
Acq: 01 Jun 2022 17:15

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 93.8 65.4 98.2
154 56.3 55.4 83.2

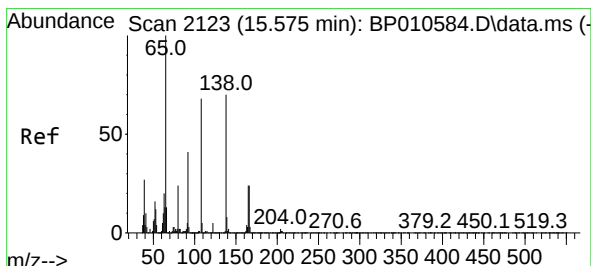
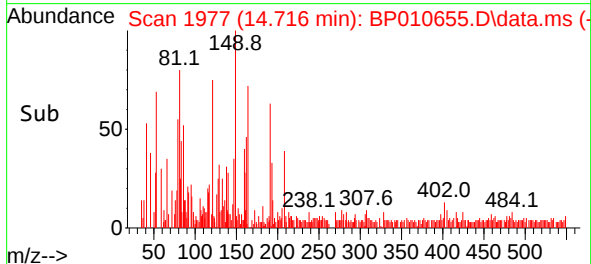
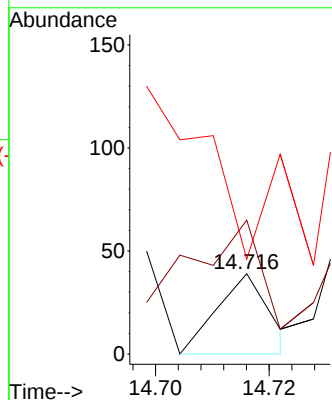
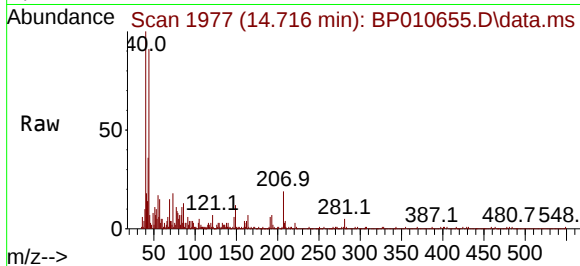




#56
4-Nitrophenol
Concen: 3.604 ng
RT: 14.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010655.D
Acq: 01 Jun 2022 17:15

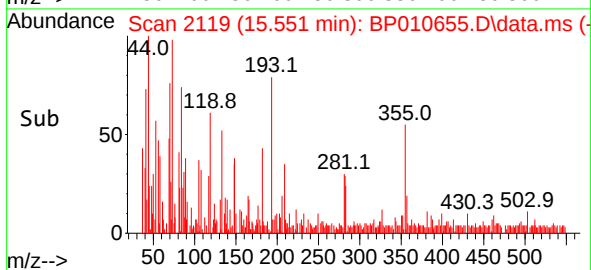
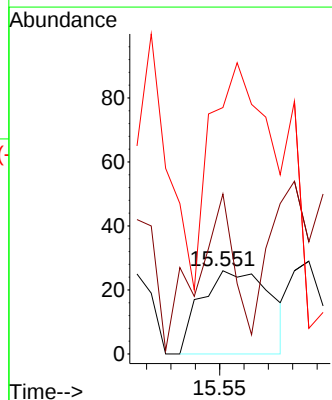
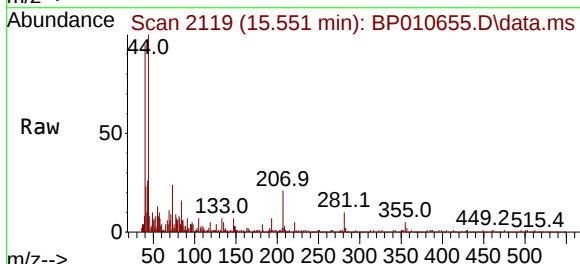
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P028-SS001-0612-01

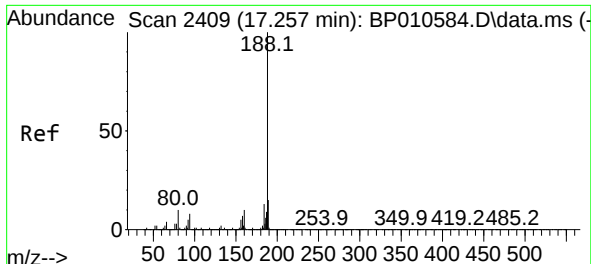
Tgt Ion:139 Resp: 25
Ion Ratio Lower Upper
139 100
109 166.7 70.6 110.6#
65 117.9 106.6 146.6



#62
4-Nitroaniline
Concen: 2.144 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.024 min
Lab File: BP010655.D
Acq: 01 Jun 2022 17:15

Tgt Ion:138 Resp: 52
Ion Ratio Lower Upper
138 100
92 192.3 38.0 78.0#
108 296.2 77.6 117.6#

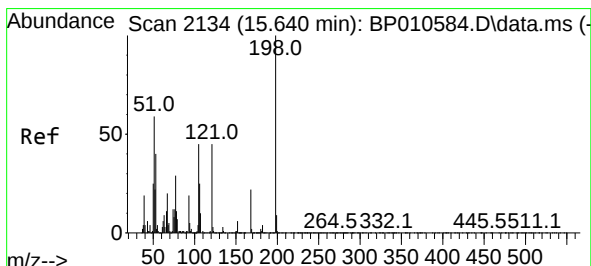
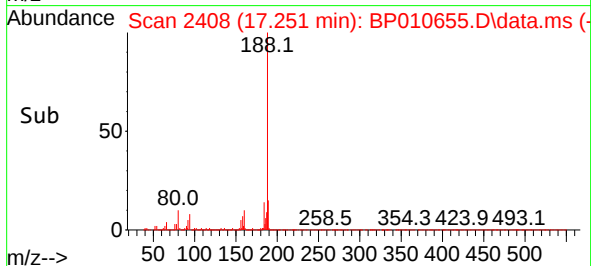
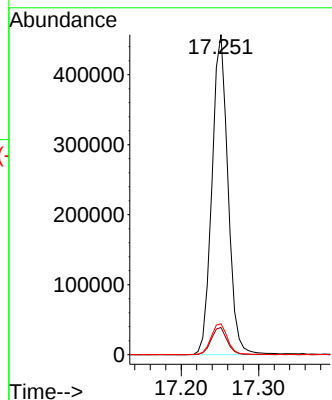
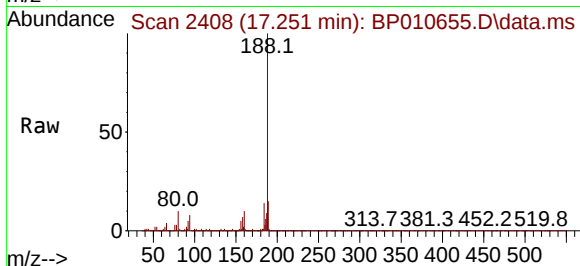




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP010655.D
Acq: 01 Jun 2022 17:15

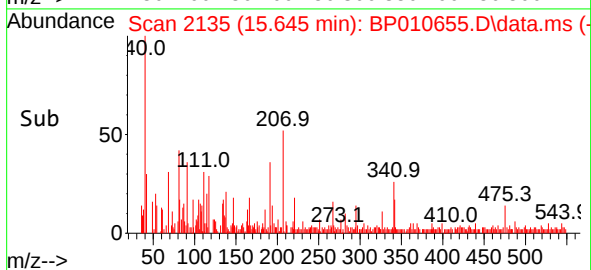
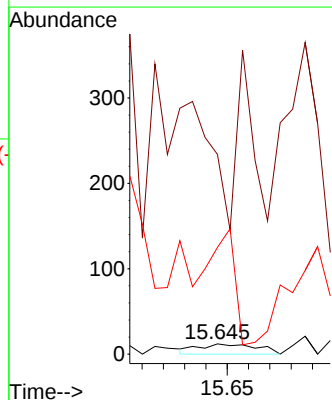
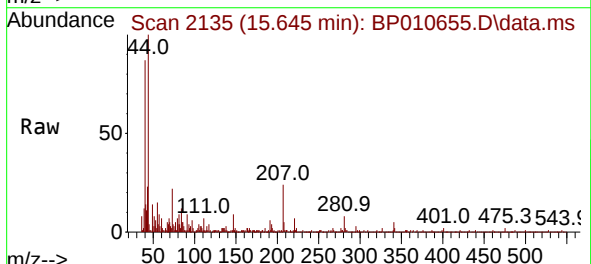
Instrument :
BNA_P
ClientSampleId :
P028-SS001-0612-01

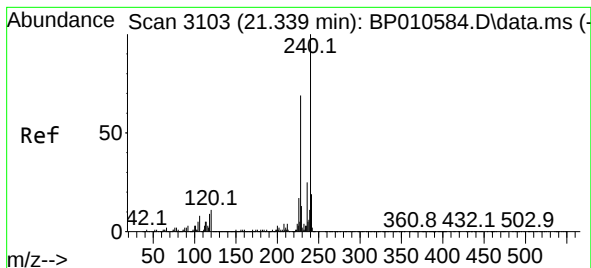
Tgt Ion:188 Resp: 656254
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.7 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.608 ng
RT: 15.645 min Scan# 2135
Delta R.T. 0.005 min
Lab File: BP010655.D
Acq: 01 Jun 2022 17:15

Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 1950.0 41.2 81.2#
105 1041.7 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP010655.D

Acq: 01 Jun 2022 17:15

Instrument :

BNA_P

ClientSampleId :

P028-SS001-0612-01

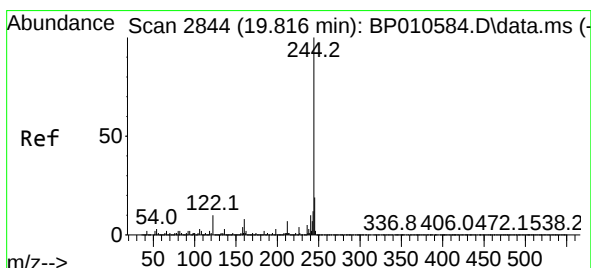
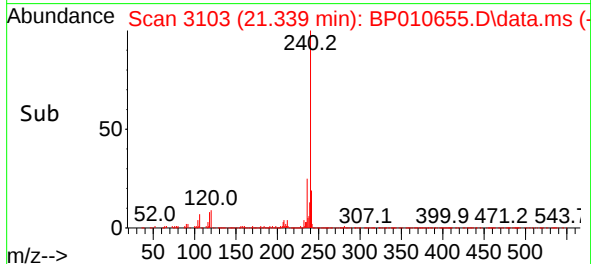
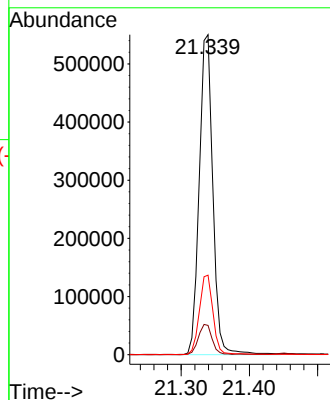
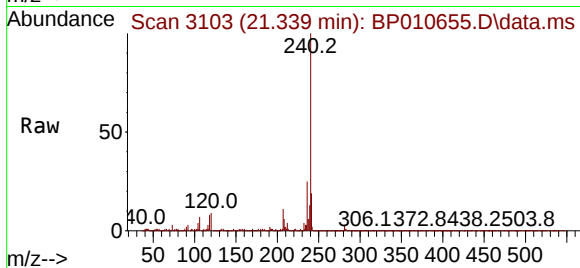
Tgt Ion:240 Resp: 761815

Ion Ratio Lower Upper

240 100

120 9.2 8.6 12.8

236 24.9 19.8 29.6



#79

Terphenyl-d14

Concen: 74.104 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010655.D

Acq: 01 Jun 2022 17:15

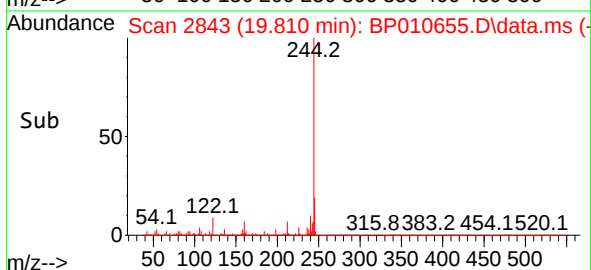
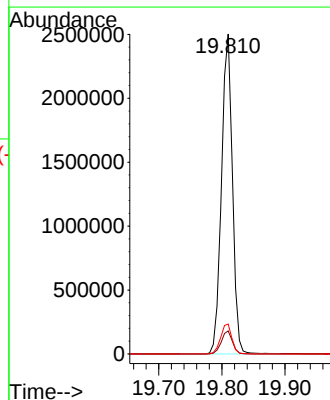
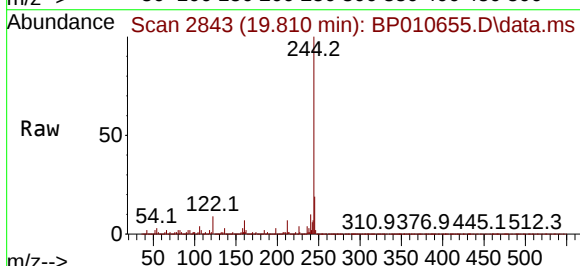
Tgt Ion:244 Resp: 3005570

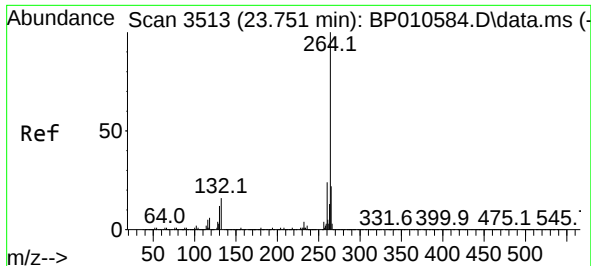
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.3 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP010655.D
 Acq: 01 Jun 2022 17:15

Instrument :
 BNA_P
 ClientSampleId :
 P028-SS001-0612-01

Tgt Ion:264 Resp: 831761
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 22.1 18.0 27.0

