

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010609.D
 Acq On : 28 May 2022 20:15
 Operator : CG/JU
 Sample : N2928-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P026-SS002-0006-01

Quant Time: May 28 23:38:18 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)

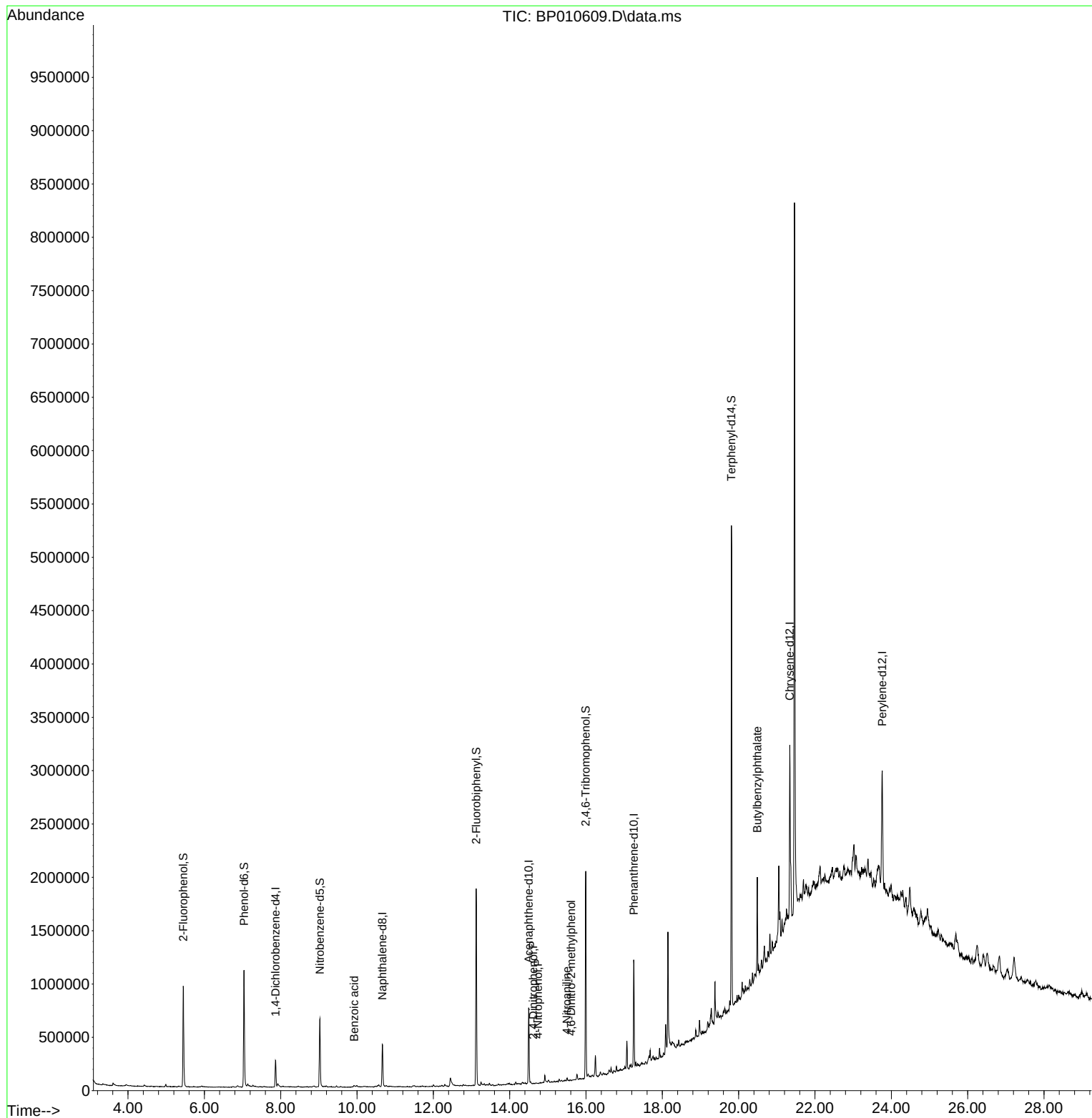
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	67170	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	319206	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	238893	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	580624	20.000	ng	0.00
76) Chrysene-d12	21.339	240	746418	20.000	ng	0.00
86) Perylene-d12	23.762	264	758200	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	395751	107.484	ng	0.00
7) Phenol-d6	7.040	99	594394	113.714	ng	0.00
23) Nitrobenzene-d5	9.028	82	379643	56.230	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	324687	120.069	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	915179	54.370	ng	0.00
79) Terphenyl-d14	19.810	244	2100678	52.862	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.928	122	6952	9.347	ng	94
54) 2,4-Dinitrophenol	14.616	184	52	6.667	ng	# 1
56) 4-Nitrophenol	14.739	139	442	3.737	ng	# 42
62) 4-Nitroaniline	15.498	138	181	2.178	ng	85
65) 4,6-Dinitro-2-methylph...	15.610	198	86	4.624	ng	# 1
80) Butylbenzylphthalate	20.486	149	219180	10.699	ng	98

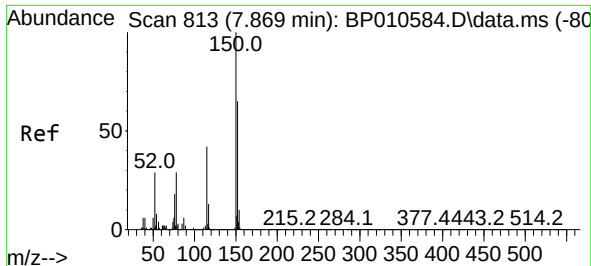
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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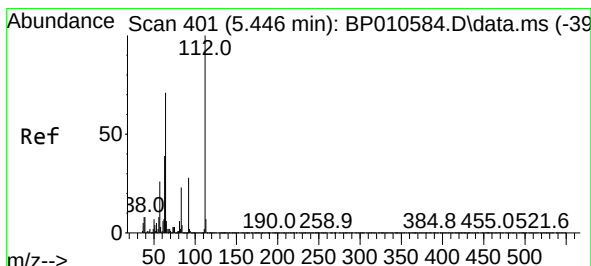
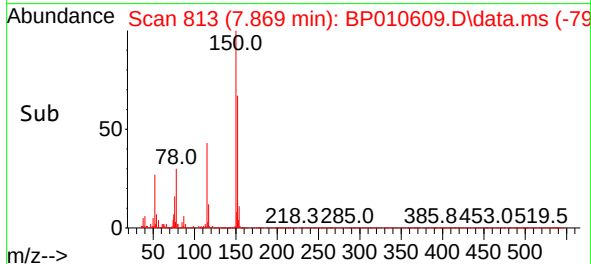
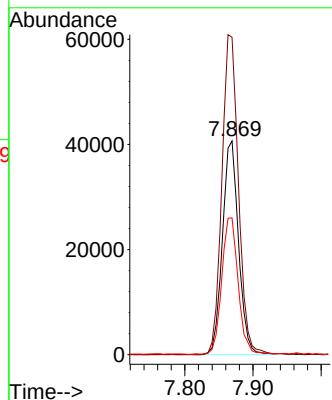
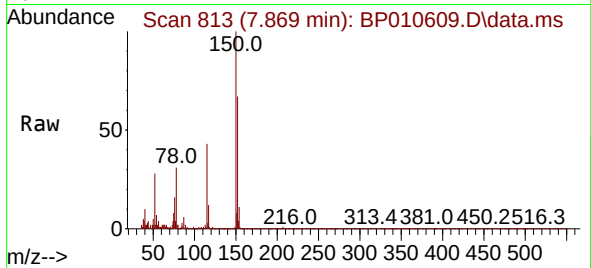




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010609.D
Acq: 28 May 2022 20:15

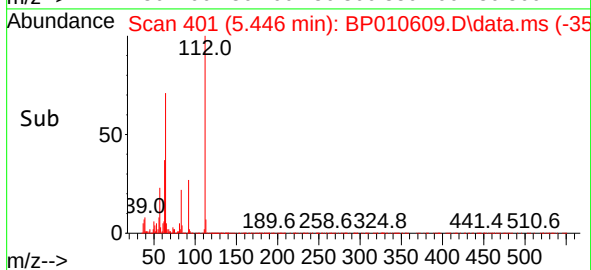
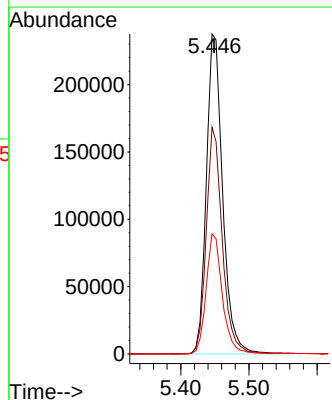
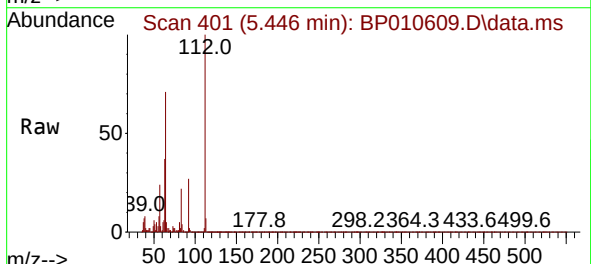
Instrument :
BNA_P
ClientSampleId :
P026-SS002-0006-01

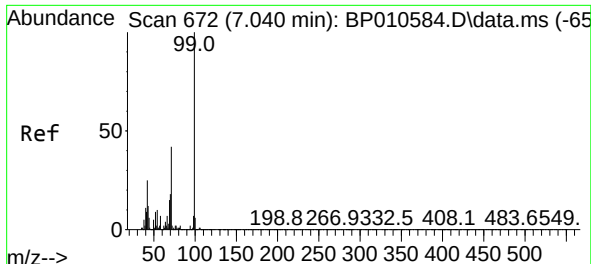
Tgt Ion:152 Resp: 67170
Ion Ratio Lower Upper
152 100
150 148.5 123.4 185.2
115 64.0 51.3 76.9



#5
2-Fluorophenol
Concen: 107.484 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010609.D
Acq: 28 May 2022 20:15

Tgt Ion:112 Resp: 395751
Ion Ratio Lower Upper
112 100
64 70.8 56.9 85.3
63 37.5 31.2 46.8

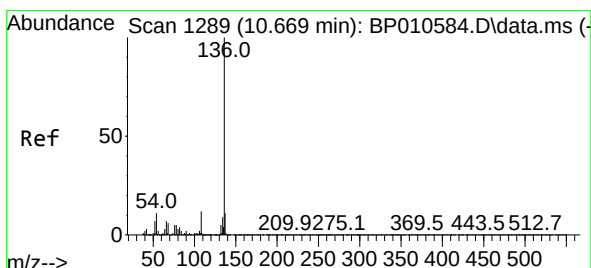
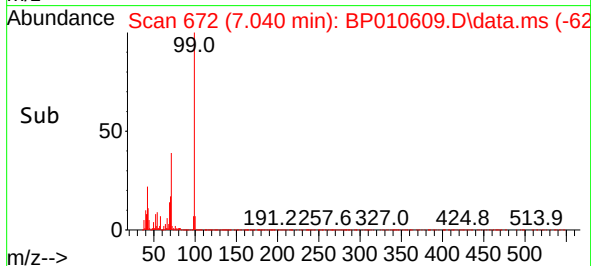
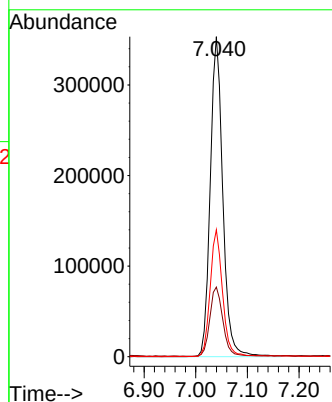
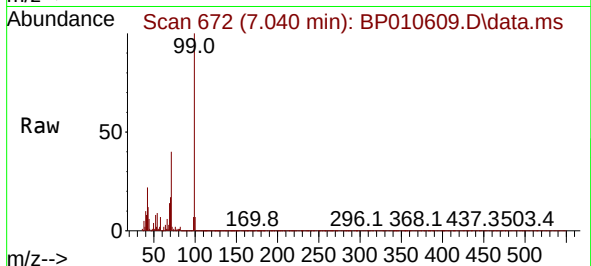




#7
Phenol-d6
Concen: 113.714 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010609.D
Acq: 28 May 2022 20:15

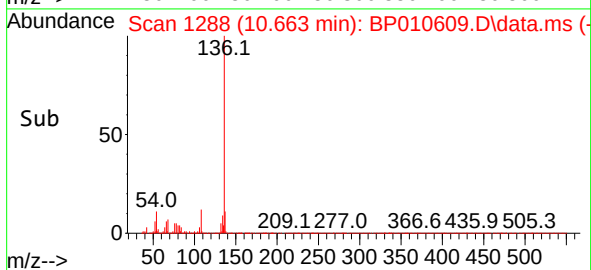
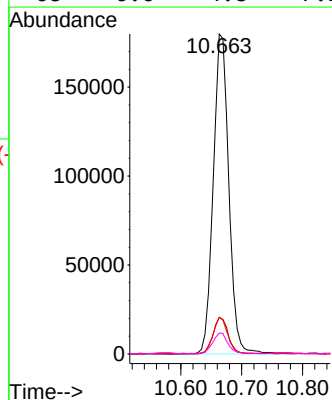
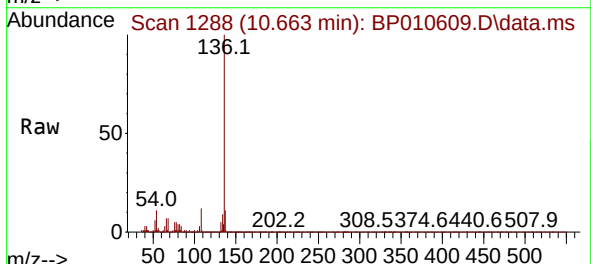
Instrument :
BNA_P
ClientSampleId :
P026-SS002-0006-01

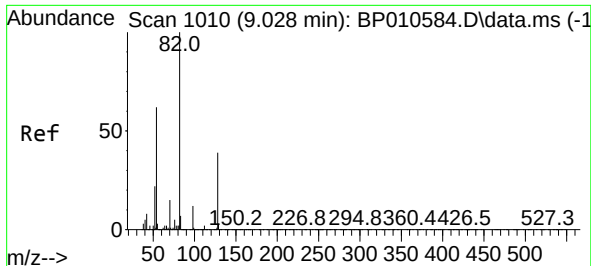
Tgt Ion: 99 Resp: 594394
Ion Ratio Lower Upper
99 100
42 21.8 20.3 30.5
71 39.6 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010609.D
Acq: 28 May 2022 20:15

Tgt Ion:136 Resp: 319206
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 11.5 8.7 13.1
68 6.6 4.8 7.2

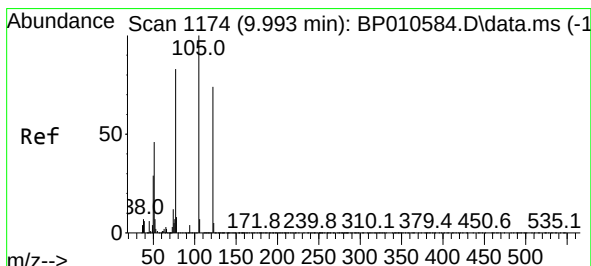
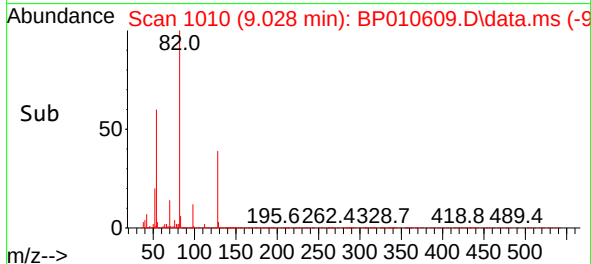
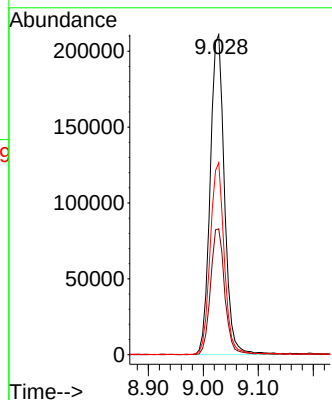
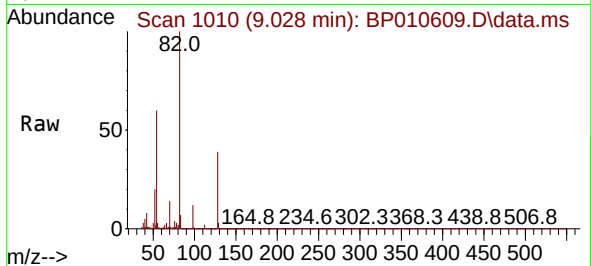




#23
Nitrobenzene-d5
Concen: 56.230 ng
RT: 9.028 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BP010609.D
Acq: 28 May 2022 20:15

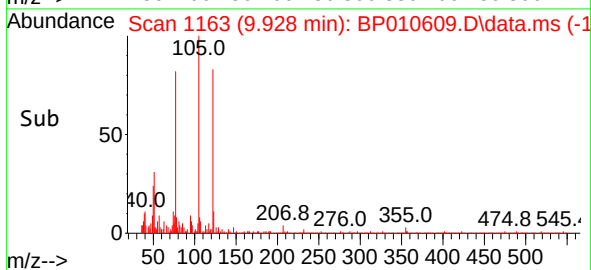
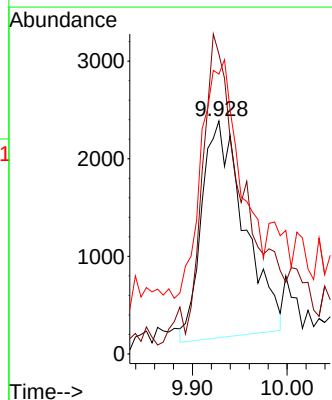
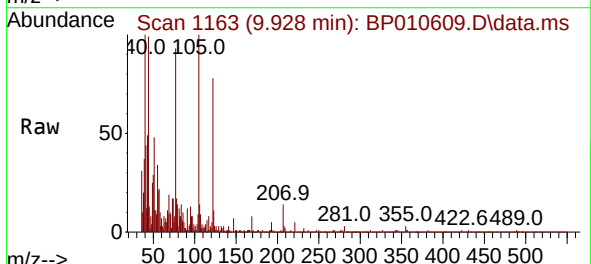
Instrument :
BNA_P
ClientSampleId :
P026-SS002-0006-01

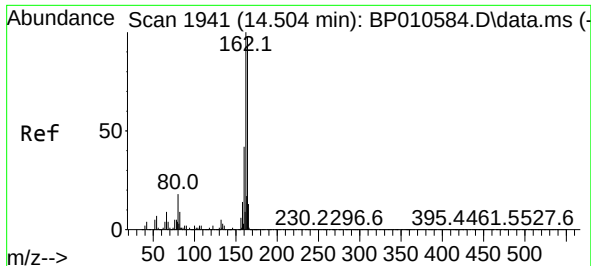
Tgt Ion: 82 Resp: 379643
Ion Ratio Lower Upper
82 100
128 39.3 31.3 46.9
54 60.0 49.8 74.8



#32
Benzoic acid
Concen: 9.347 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.065 min
Lab File: BP010609.D
Acq: 28 May 2022 20:15

Tgt Ion: 122 Resp: 6952
Ion Ratio Lower Upper
122 100
105 128.7 112.6 152.6
77 120.1 90.2 130.2

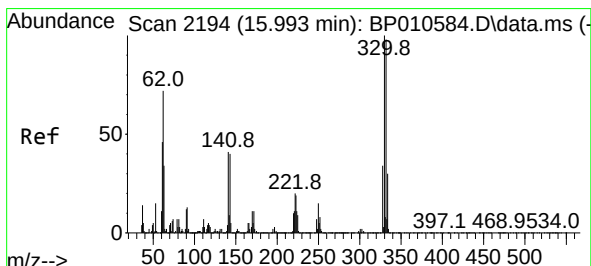
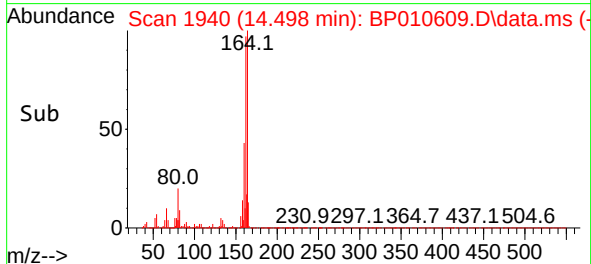
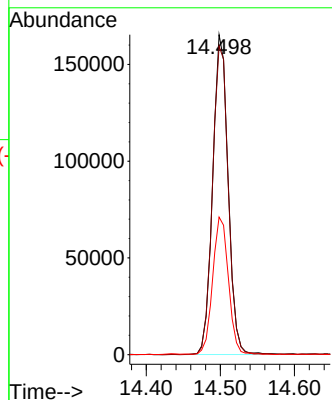
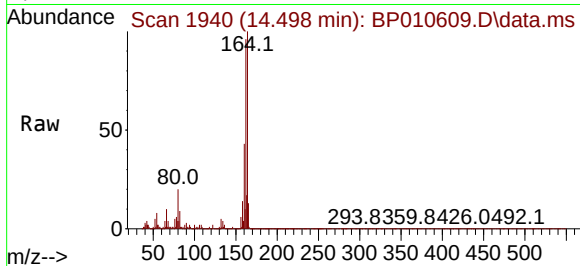




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010609.D
Acq: 28 May 2022 20:15

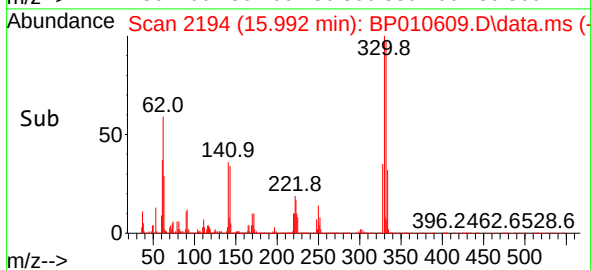
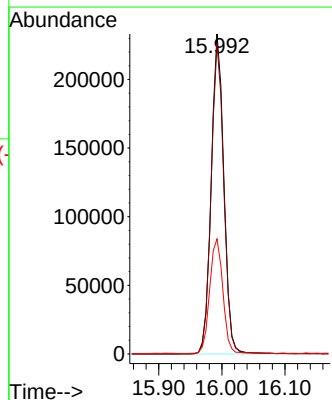
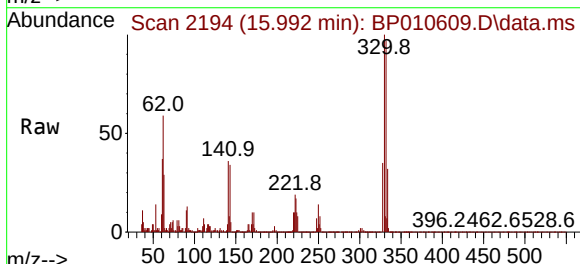
Instrument :
BNA_P
ClientSampleId :
P026-SS002-0006-01

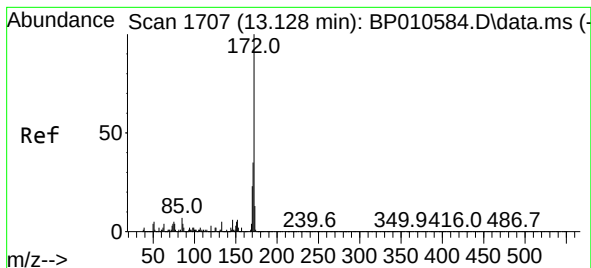
Tgt Ion:164 Resp: 238893
Ion Ratio Lower Upper
164 100
162 96.4 81.9 122.9
160 43.0 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 120.069 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010609.D
Acq: 28 May 2022 20:15

Tgt Ion:330 Resp: 324687
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 37.3 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 54.370 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010609.D

Acq: 28 May 2022 20:15

Instrument :

BNA_P

ClientSampleId :

P026-SS002-0006-01

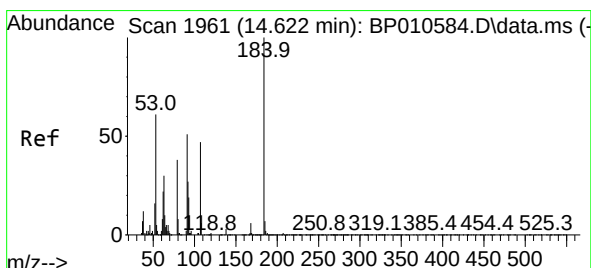
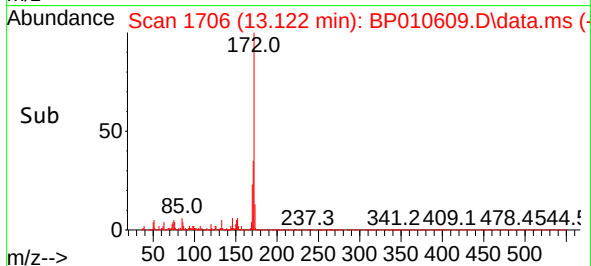
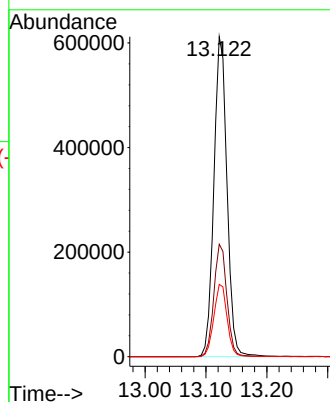
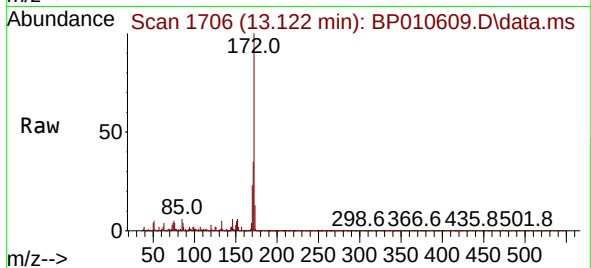
Tgt Ion:172 Resp: 915179

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 22.6 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.667 ng

RT: 14.616 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BP010609.D

Acq: 28 May 2022 20:15

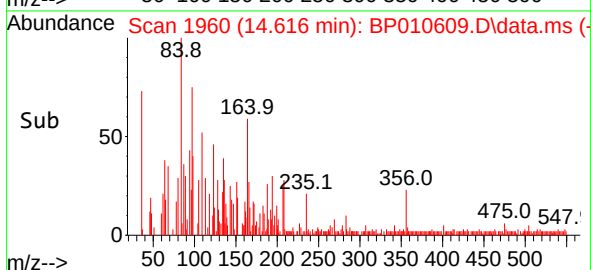
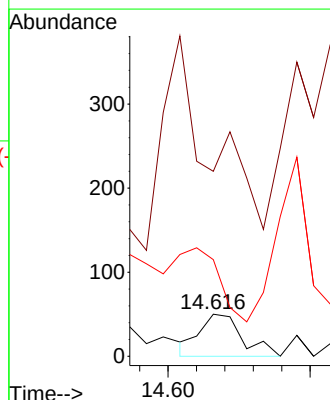
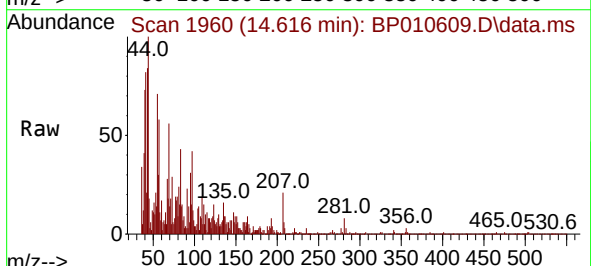
Tgt Ion:184 Resp: 52

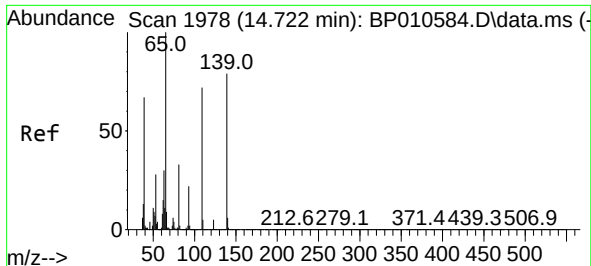
Ion Ratio Lower Upper

184 100

63 440.0 65.4 98.2#

154 230.0 55.4 83.2#

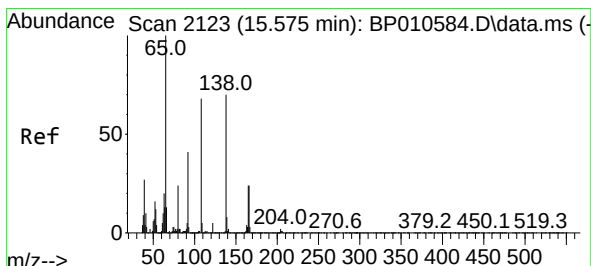
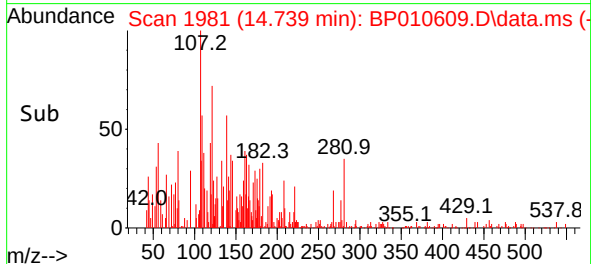
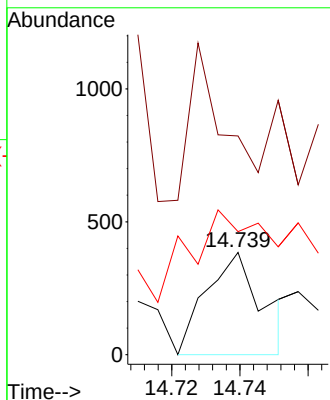
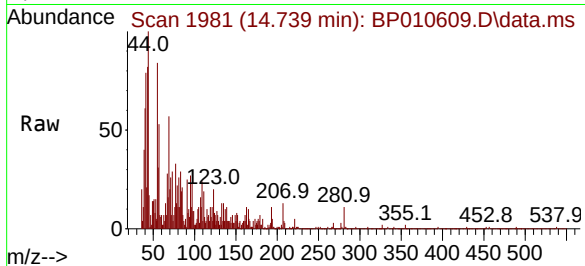




#56
4-Nitrophenol
Concen: 3.737 ng
RT: 14.739 min Scan# 110
Delta R.T. 0.017 min
Lab File: BP010609.D
Acq: 28 May 2022 20:15

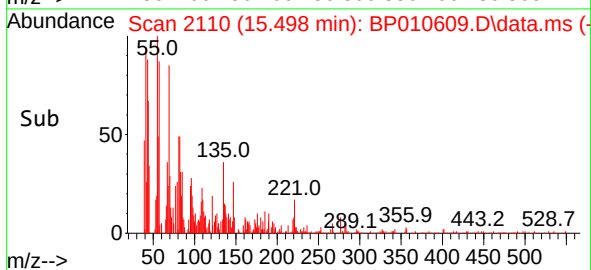
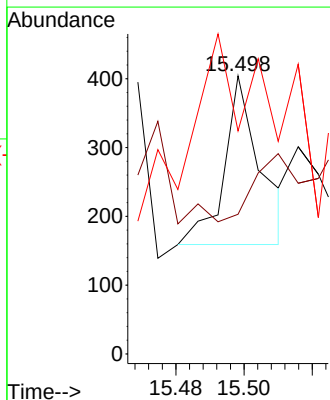
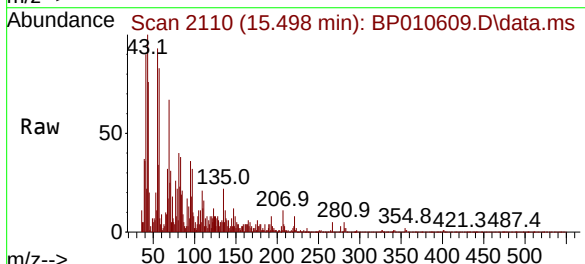
Instrument :
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P026-SS002-0006-01

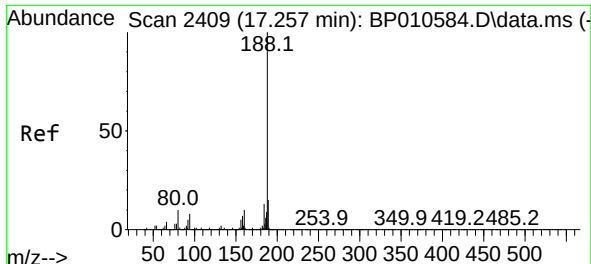
Tgt Ion:139 Resp: 442
Ion Ratio Lower Upper
139 100
109 213.8 70.6 110.6#
65 120.3 106.6 146.6



#62
4-Nitroaniline
Concen: 2.178 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.077 min
Lab File: BP010609.D
Acq: 28 May 2022 20:15

Tgt Ion:138 Resp: 181
Ion Ratio Lower Upper
138 100
92 50.2 38.0 78.0
108 80.2 77.6 117.6

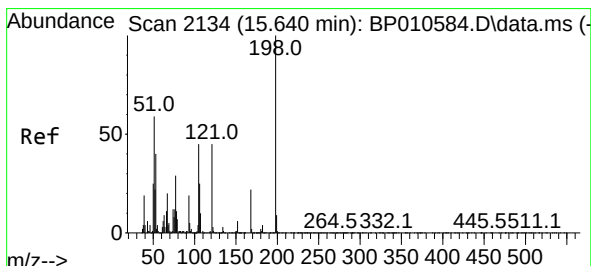
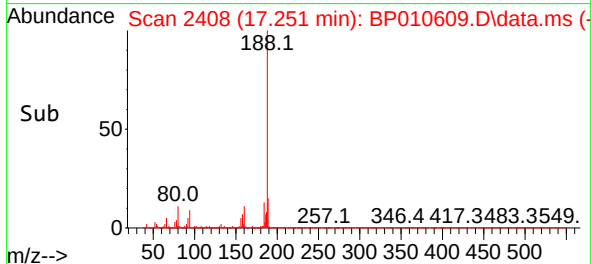
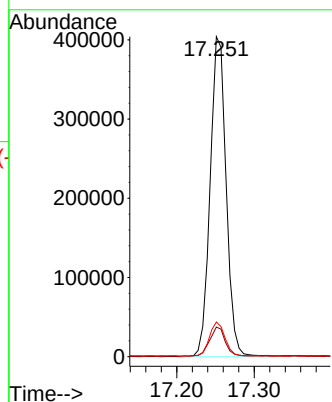
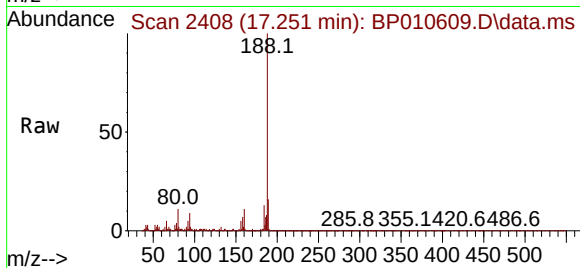




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP010609.D
Acq: 28 May 2022 20:15

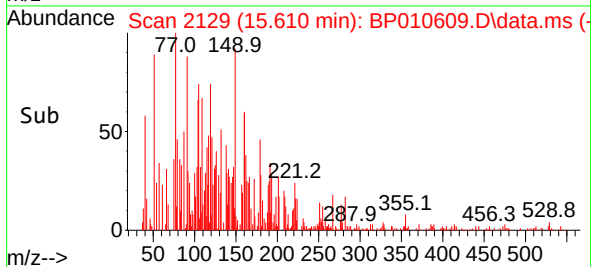
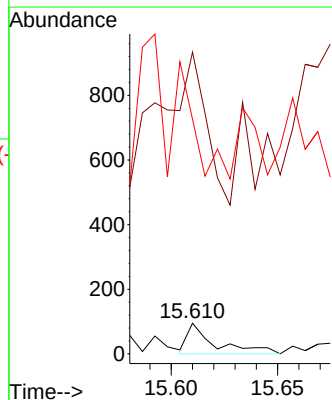
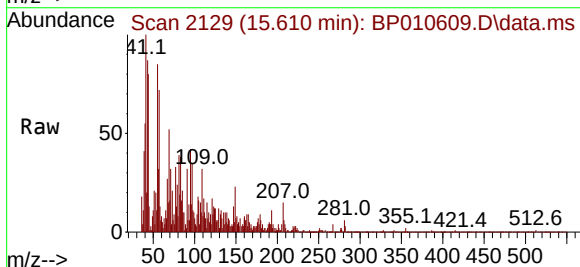
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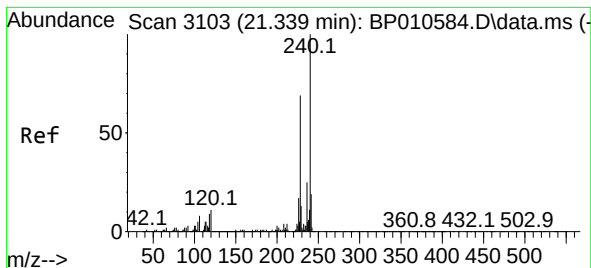
Tgt Ion:188 Resp: 580624
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 10.9 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.624 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.030 min
Lab File: BP010609.D
Acq: 28 May 2022 20:15

Tgt Ion:198 Resp: 86
Ion Ratio Lower Upper
198 100
51 983.2 41.2 81.2#
105 764.2 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP010609.D

Acq: 28 May 2022 20:15

Instrument :

BNA_P

ClientSampleId :

P026-SS002-0006-01

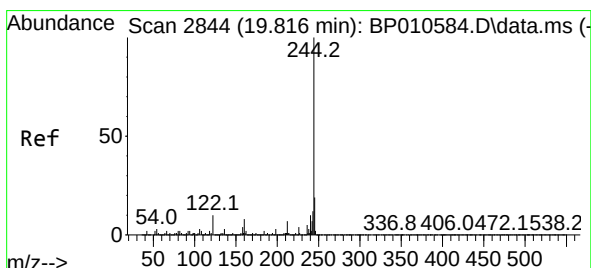
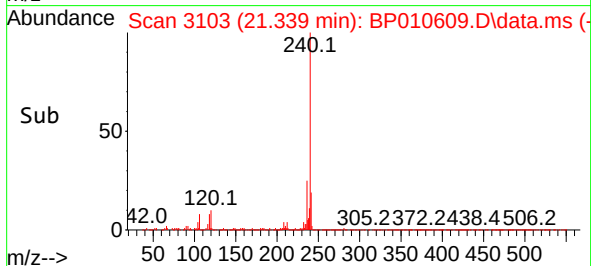
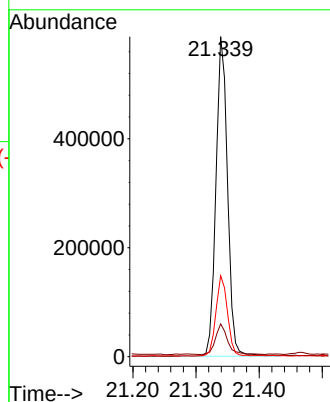
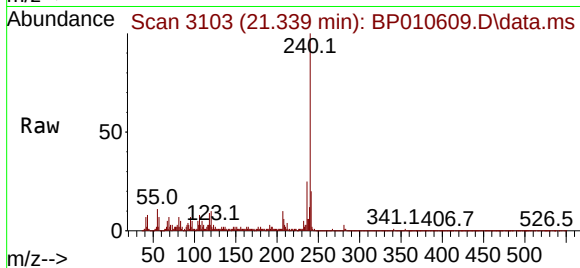
Tgt Ion:240 Resp: 746418

Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 25.3 19.8 29.6



#79

Terphenyl-d14

Concen: 52.862 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010609.D

Acq: 28 May 2022 20:15

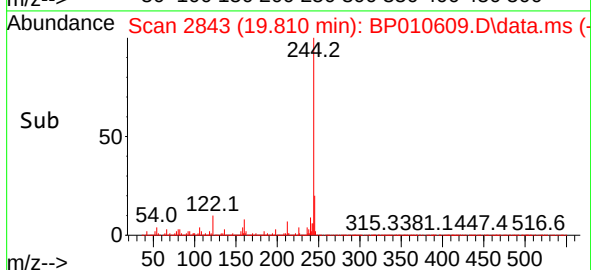
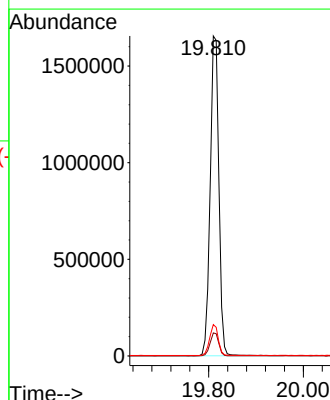
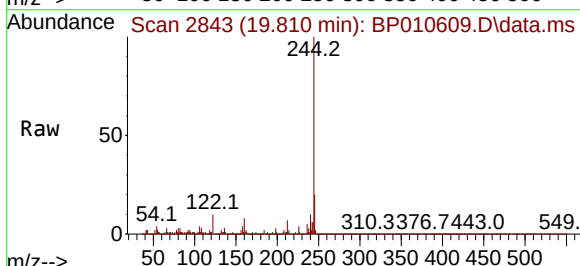
Tgt Ion:244 Resp: 2100678

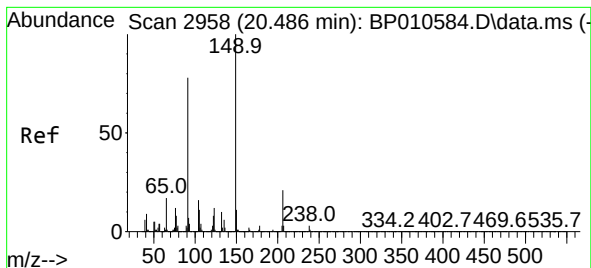
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.8 7.6 11.4





#80

Butylbenzylphthalate

Concen: 10.699 ng

RT: 20.486 min Scan# 2958

Delta R.T. -0.000 min

Lab File: BP010609.D

Acq: 28 May 2022 20:15

Instrument :

BNA_P

ClientSampleId :

P026-SS002-0006-01

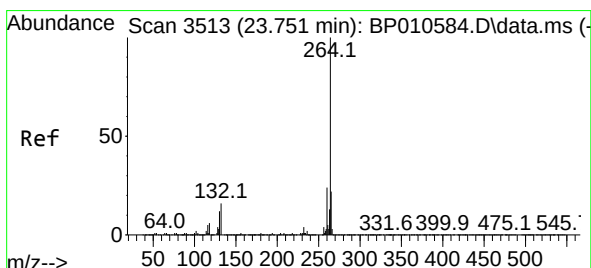
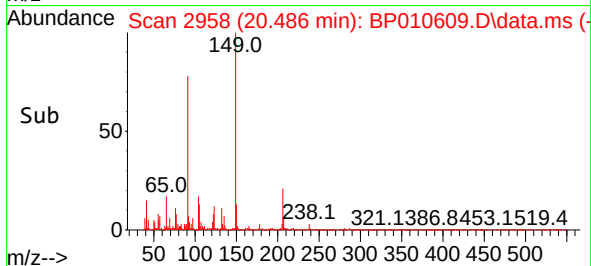
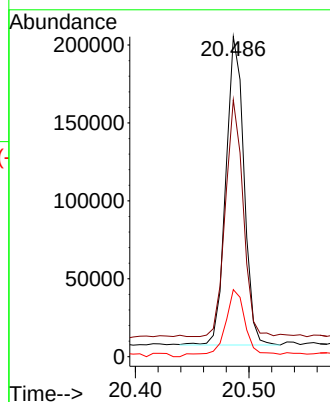
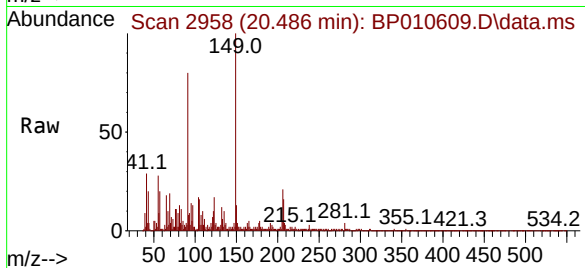
Tgt Ion:149 Resp: 219180

Ion Ratio Lower Upper

149 100

91 80.2 62.5 93.7

206 21.0 17.0 25.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.762 min Scan# 3515

Delta R.T. 0.012 min

Lab File: BP010609.D

Acq: 28 May 2022 20:15

Tgt Ion:264 Resp: 758200

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 22.3 18.0 27.0

