

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010680.D
 Acq On : 02 Jun 2022 20:13
 Operator : CG/JU
 Sample : N2986-04 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P027-SS001-0006-01

Quant Time: Jun 03 00:54:02 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)

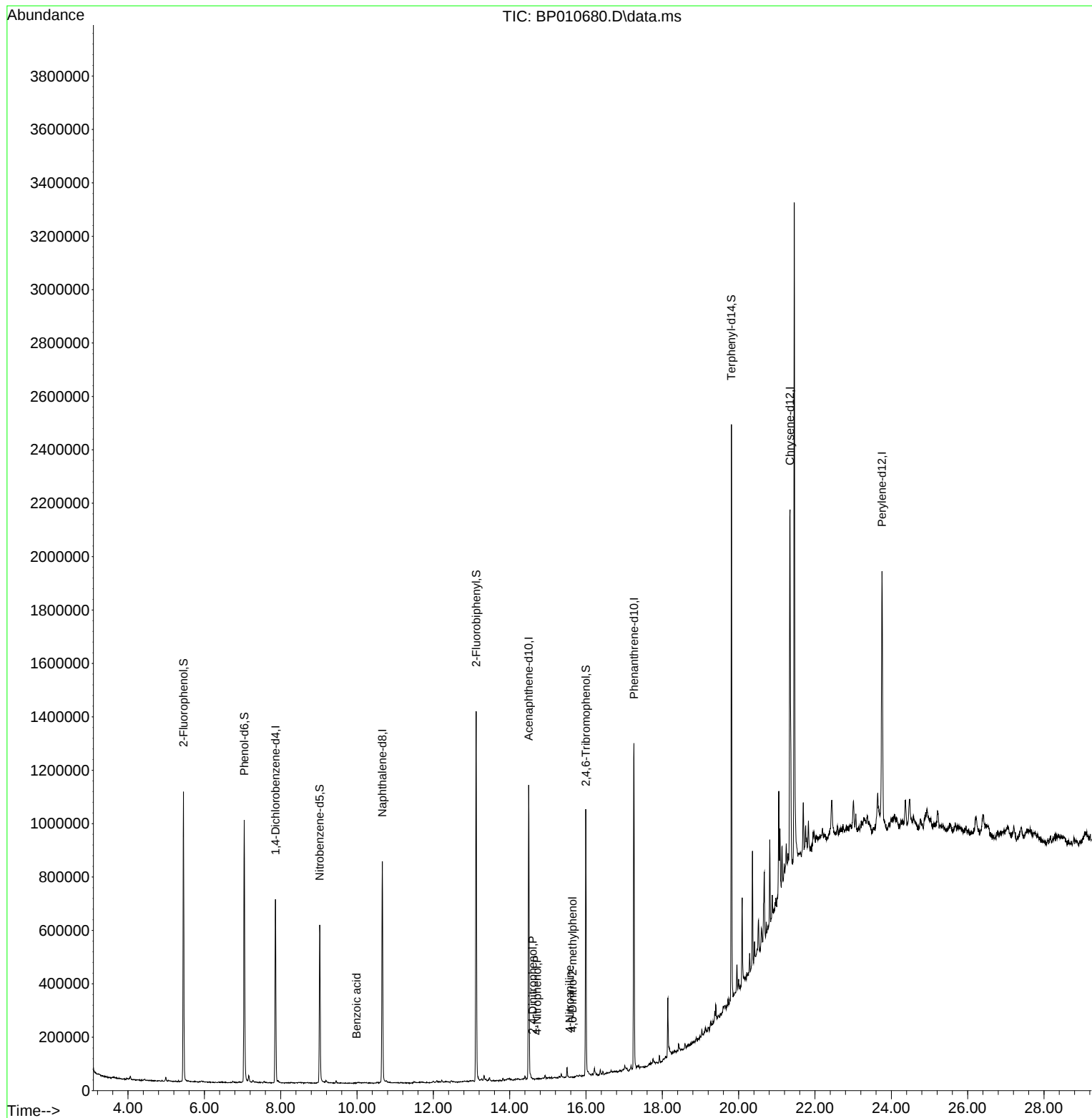
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	179010	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	658206	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	373315	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	747067	20.000	ng	0.00
76) Chrysene-d12	21.345	240	660407	20.000	ng	# 0.00
86) Perylene-d12	23.757	264	702335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	429636	43.785	ng	0.00
7) Phenol-d6	7.046	99	537425	38.579	ng	0.00
23) Nitrobenzene-d5	9.022	82	352294	25.305	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	182959	43.296	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	696537	26.480	ng	0.00
79) Terphenyl-d14	19.810	244	959227	27.282	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.987	122	736	7.428	ng	# 82
54) 2,4-Dinitrophenol	14.604	184	34	6.655	ng	# 1
56) 4-Nitrophenol	14.716	139	203	3.638	ng	# 50
62) 4-Nitroaniline	15.575	138	55	2.142	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.651	198	26	4.608	ng	# 1

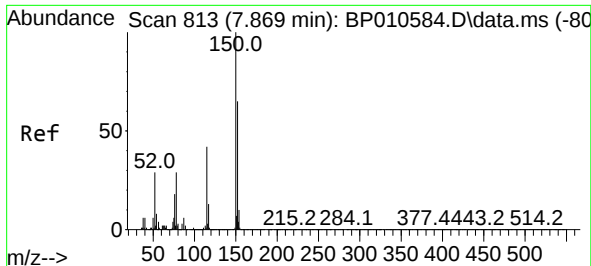
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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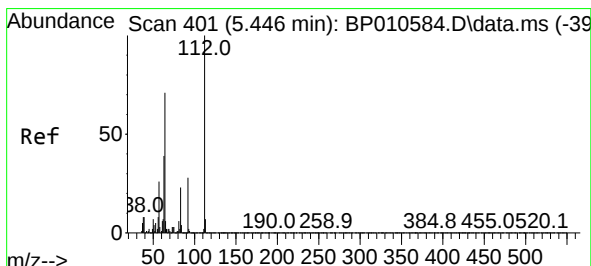
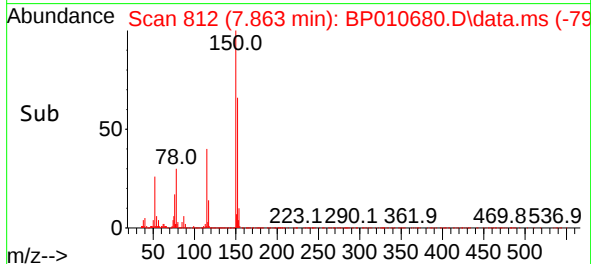
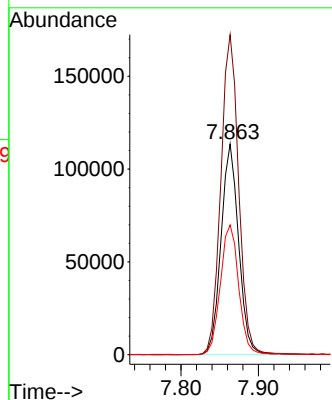
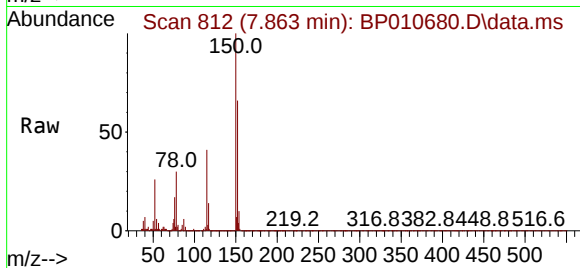




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP010680.D
Acq: 02 Jun 2022 20:13

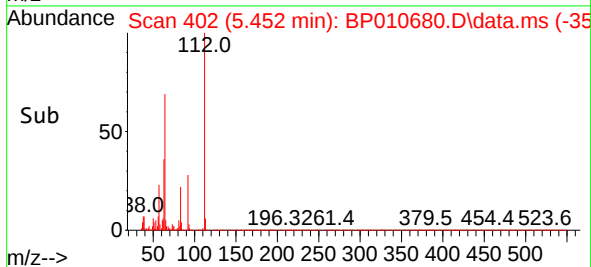
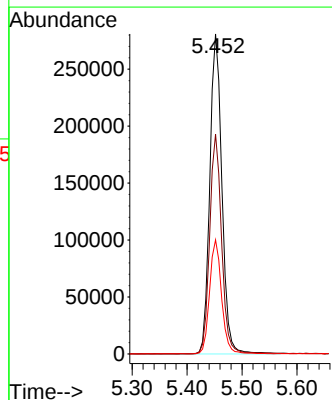
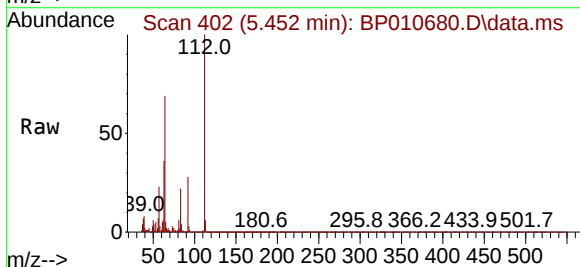
Instrument :
BNA_P
ClientSampleId :
P027-SS001-0006-01

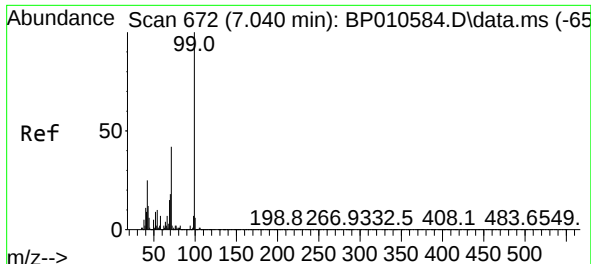
Tgt Ion:152 Resp: 179010
Ion Ratio Lower Upper
152 100
150 151.8 123.4 185.2
115 61.5 51.3 76.9



#5
2-Fluorophenol
Concen: 43.785 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010680.D
Acq: 02 Jun 2022 20:13

Tgt Ion:112 Resp: 429636
Ion Ratio Lower Upper
112 100
64 68.7 56.9 85.3
63 35.6 31.2 46.8

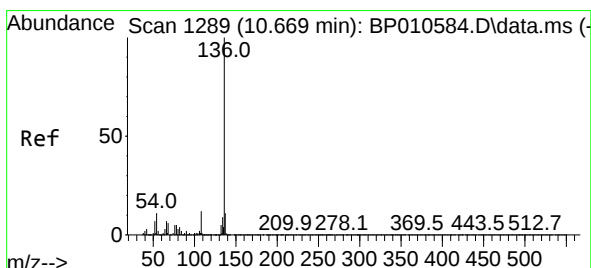
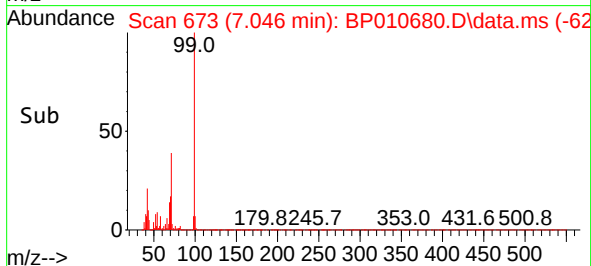
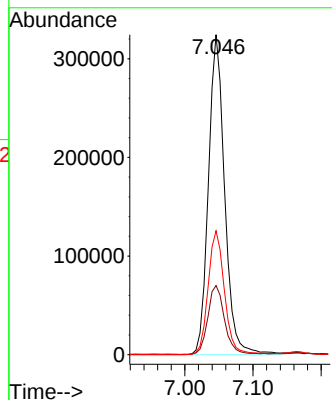
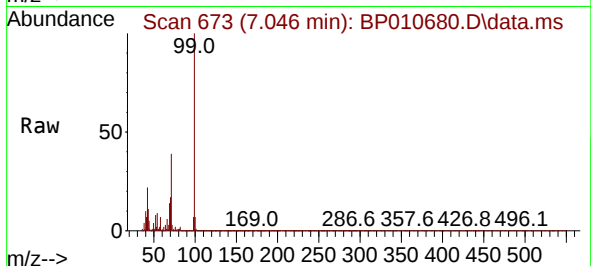




#7
Phenol-d6
Concen: 38.579 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010680.D
Acq: 02 Jun 2022 20:13

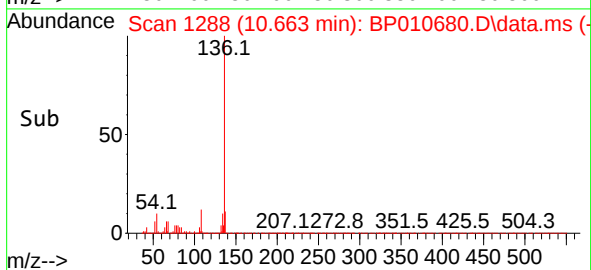
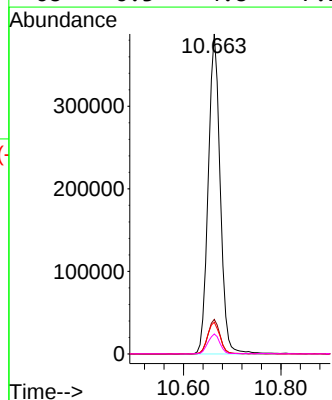
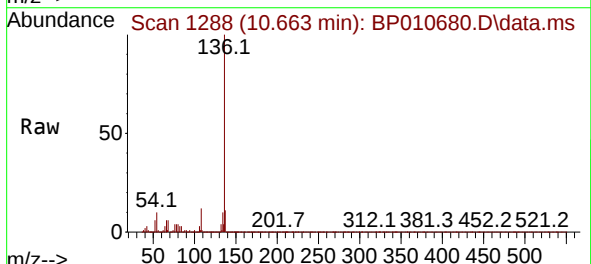
Instrument :
BNA_P
ClientSampleId :
P027-SS001-0006-01

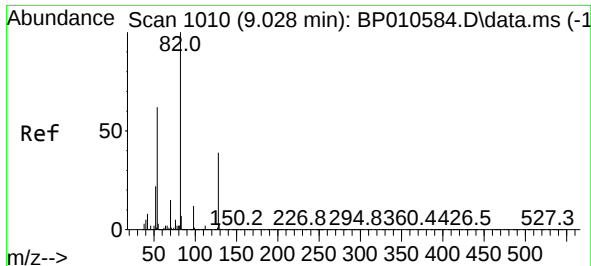
Tgt Ion: 99 Resp: 537425
Ion Ratio Lower Upper
99 100
42 21.6 20.3 30.5
71 38.7 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010680.D
Acq: 02 Jun 2022 20:13

Tgt Ion: 136 Resp: 658206
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.9 8.7 13.1
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 25.305 ng

RT: 9.022 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BP010680.D

Acq: 02 Jun 2022 20:13

Instrument :

BNA_P

ClientSampleId :

P027-SS001-0006-01

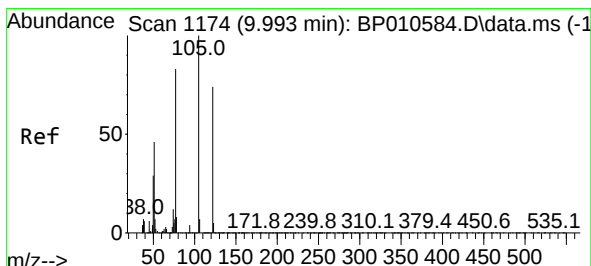
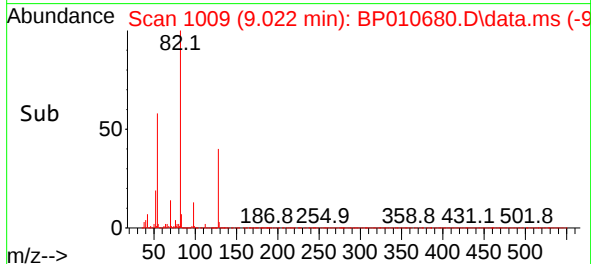
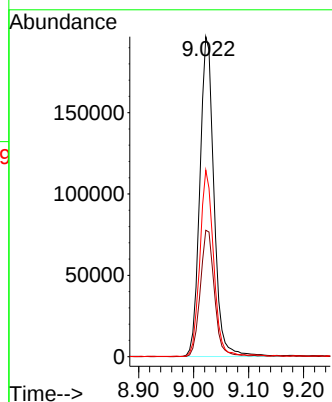
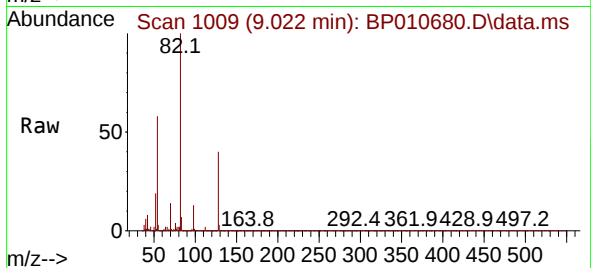
Tgt Ion: 82 Resp: 352294

Ion Ratio Lower Upper

82 100

128 39.5 31.3 46.9

54 58.3 49.8 74.8



#32

Benzoic acid

Concen: 7.428 ng

RT: 9.987 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BP010680.D

Acq: 02 Jun 2022 20:13

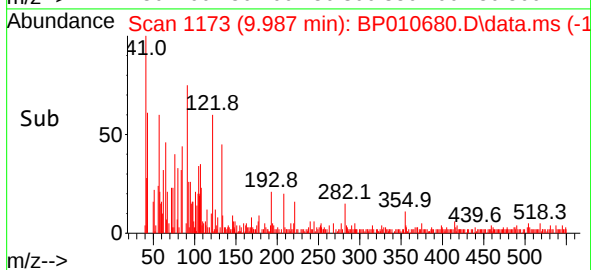
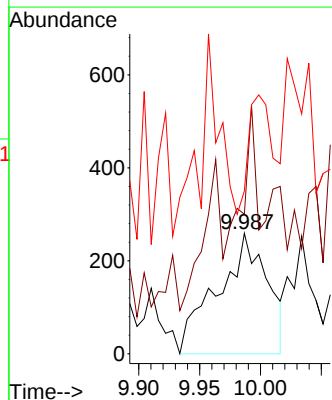
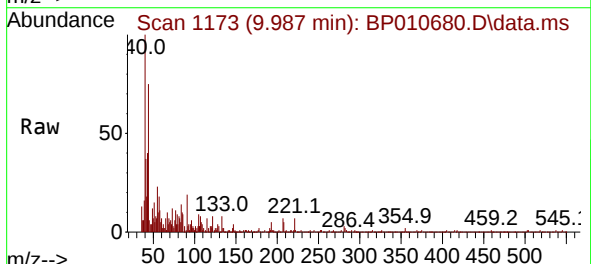
Tgt Ion: 122 Resp: 736

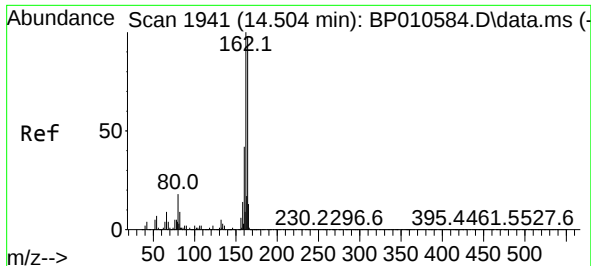
Ion Ratio Lower Upper

122 100

105 115.8 112.6 152.6

77 135.1 90.2 130.2#

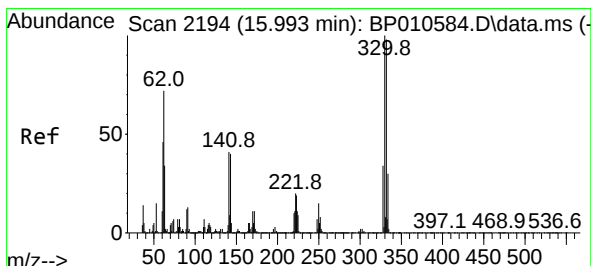
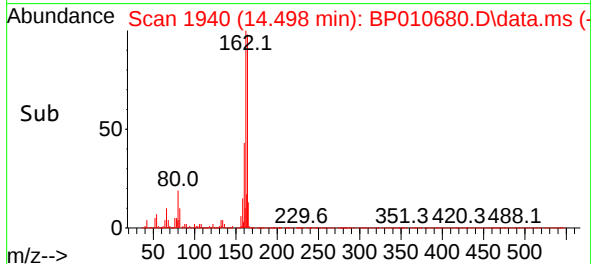
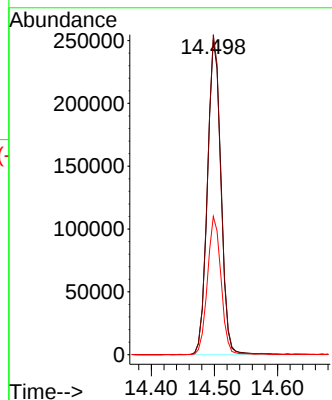
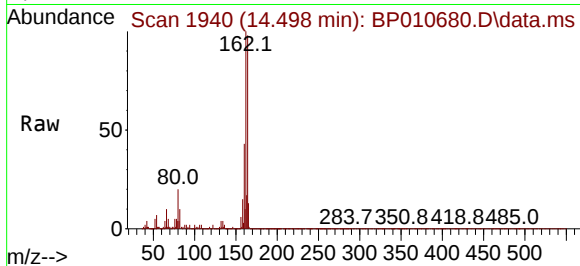




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010680.D
Acq: 02 Jun 2022 20:13

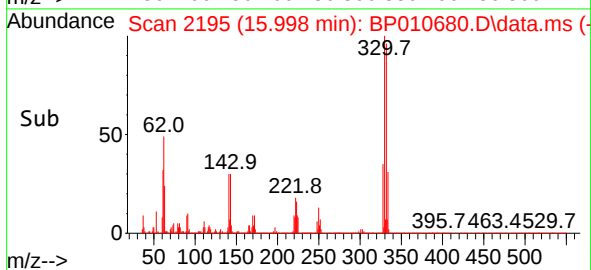
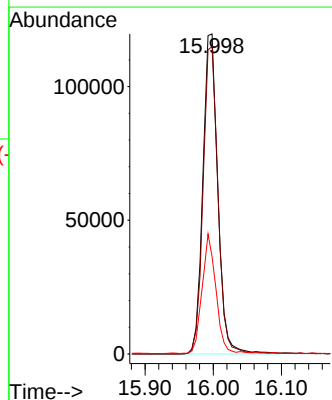
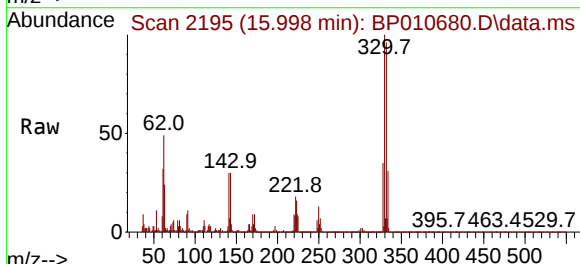
Instrument :
BNA_P
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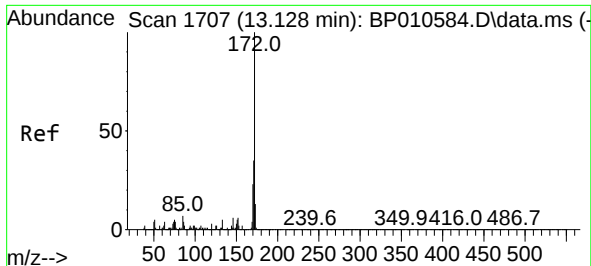
Tgt Ion:164 Resp: 373315
Ion Ratio Lower Upper
164 100
162 101.6 81.9 122.9
160 43.9 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 43.296 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010680.D
Acq: 02 Jun 2022 20:13

Tgt Ion:330 Resp: 182959
Ion Ratio Lower Upper
330 100
332 95.1 78.1 117.1
141 34.6 31.4 47.2

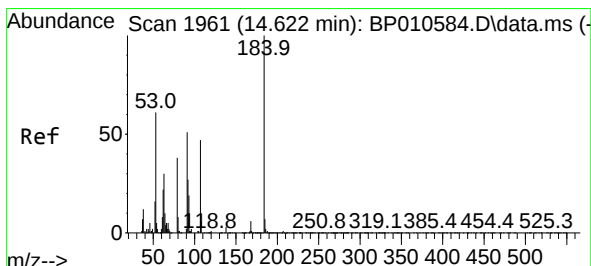
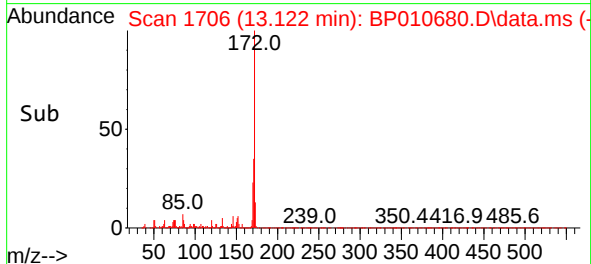
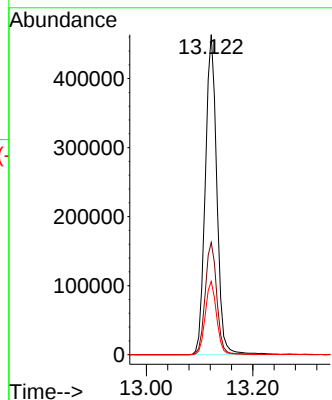
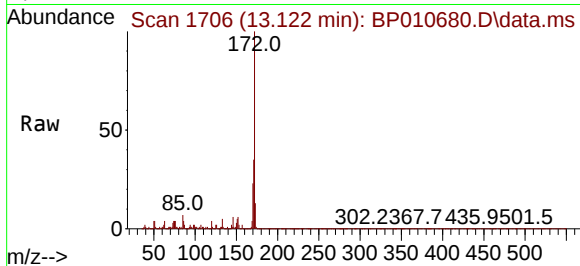




#45
2-Fluorobiphenyl
Concen: 26.480 ng
RT: 13.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010680.D
Acq: 02 Jun 2022 20:13

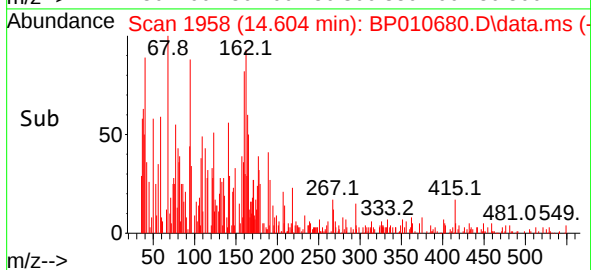
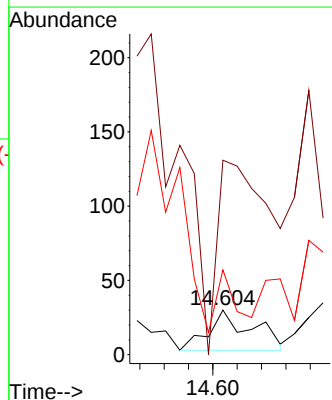
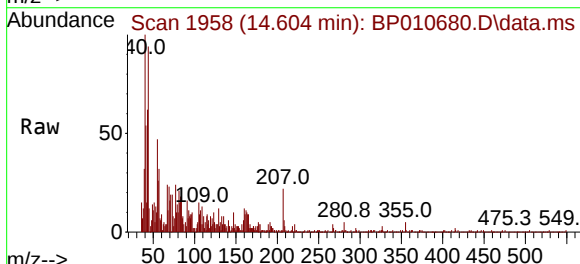
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ClientSampleId :
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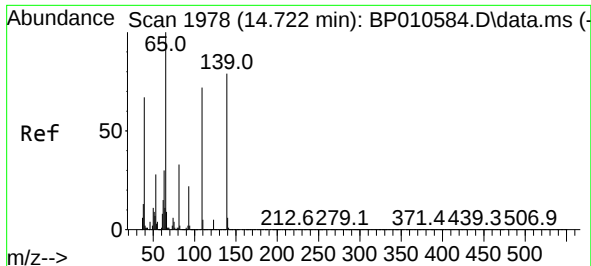
Tgt Ion:172 Resp: 696537
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 22.9 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.655 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.018 min
Lab File: BP010680.D
Acq: 02 Jun 2022 20:13

Tgt Ion:184 Resp: 34
Ion Ratio Lower Upper
184 100
63 436.7 65.4 98.2#
154 190.0 55.4 83.2#

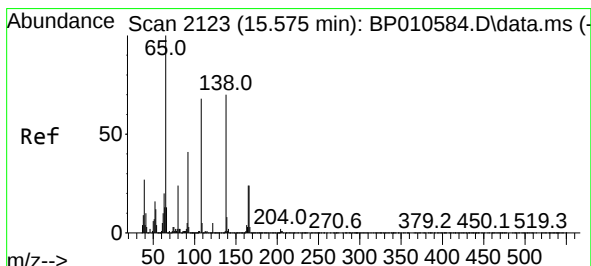
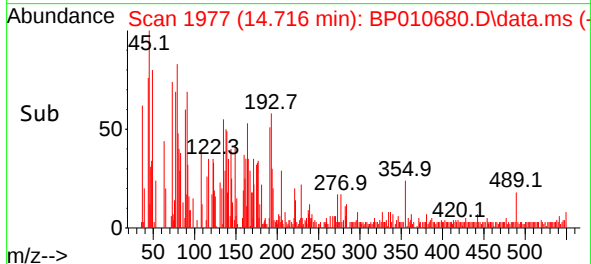
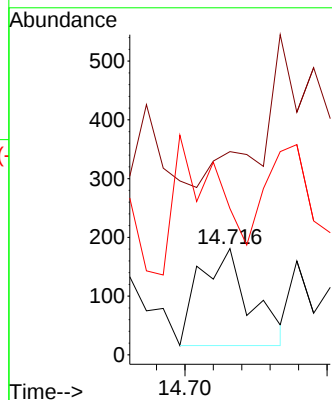
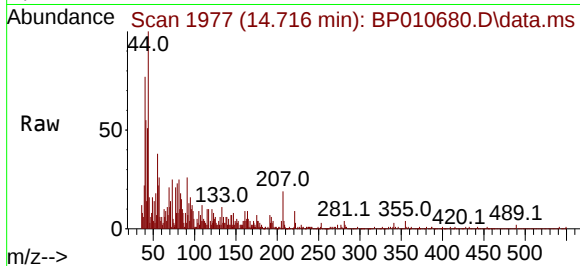




#56
4-Nitrophenol
Concen: 3.638 ng
RT: 14.716 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP010680.D
Acq: 02 Jun 2022 20:13

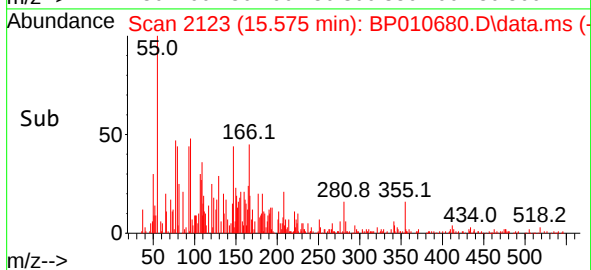
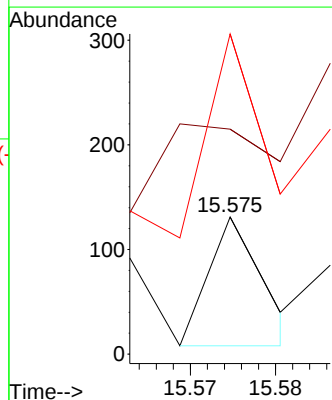
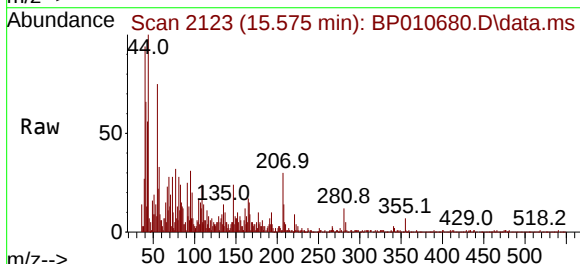
Instrument :
BNA_P
ClientSampleId :
P027-SS001-0006-01

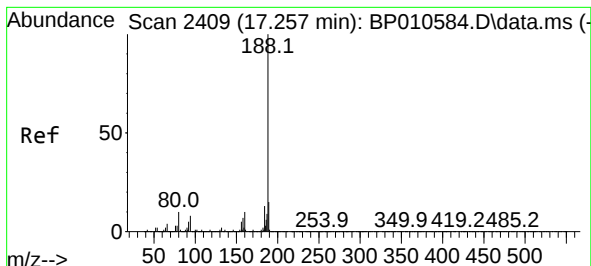
Tgt Ion:139 Resp: 203
Ion Ratio Lower Upper
139 100
109 191.2 70.6 110.6#
65 137.6 106.6 146.6



#62
4-Nitroaniline
Concen: 2.142 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BP010680.D
Acq: 02 Jun 2022 20:13

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
92 164.1 38.0 78.0#
108 233.6 77.6 117.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP010680.D

Acq: 02 Jun 2022 20:13

Instrument :

BNA_P

ClientSampleId :

P027-SS001-0006-01

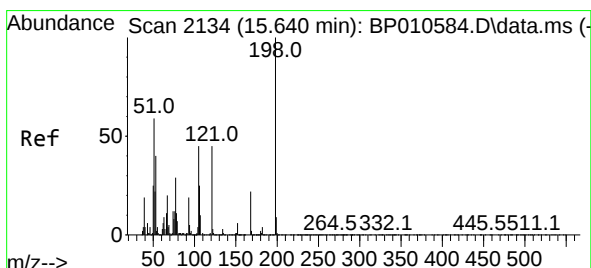
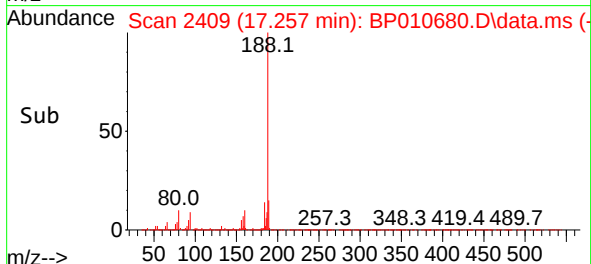
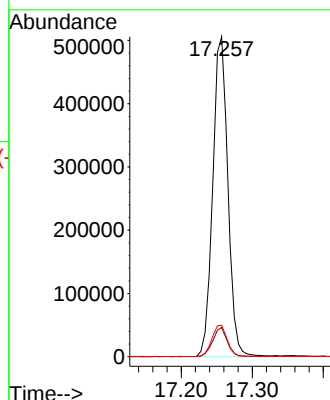
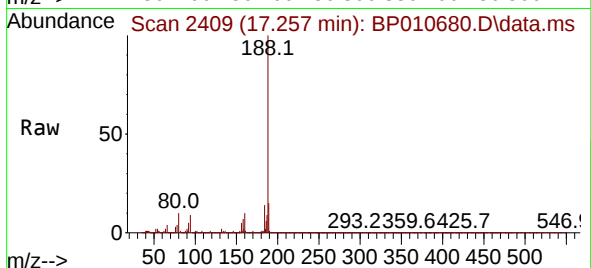
Tgt Ion:188 Resp: 747067

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

80 9.8 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.608 ng

RT: 15.651 min Scan# 2136

Delta R.T. 0.011 min

Lab File: BP010680.D

Acq: 02 Jun 2022 20:13

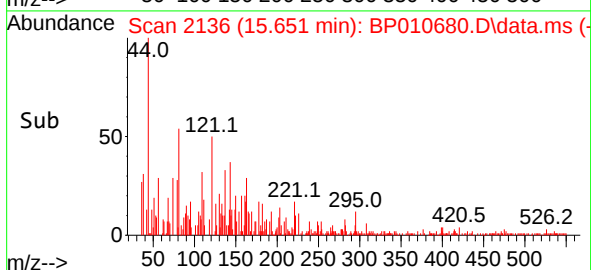
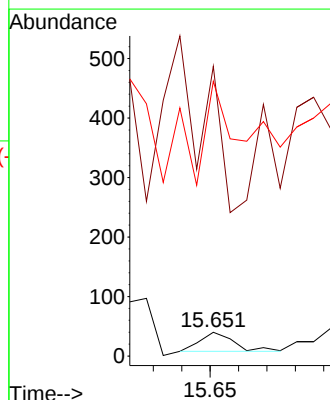
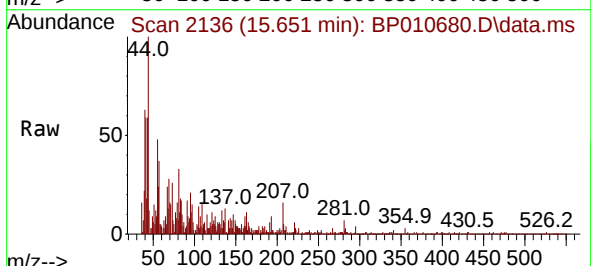
Tgt Ion:198 Resp: 26

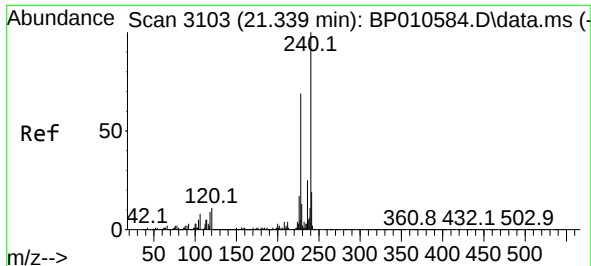
Ion Ratio Lower Upper

198 100

51 1217.5 41.2 81.2#

105 1155.0 25.3 65.3#

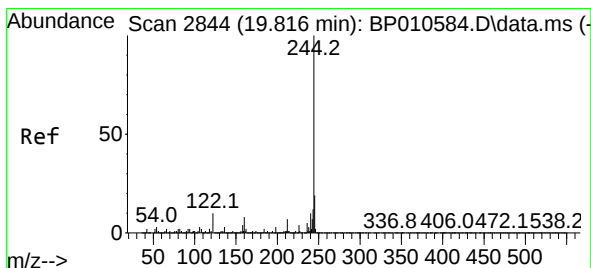
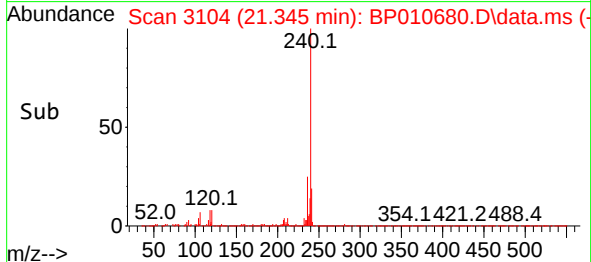
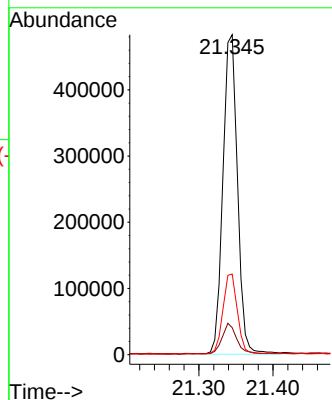
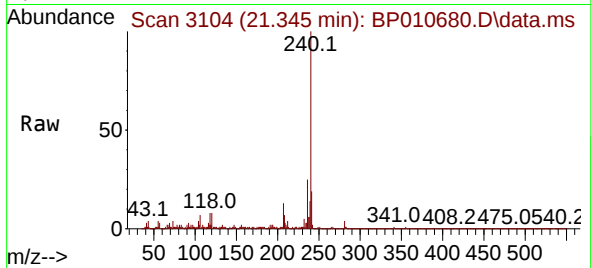




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BP010680.D
Acq: 02 Jun 2022 20:13

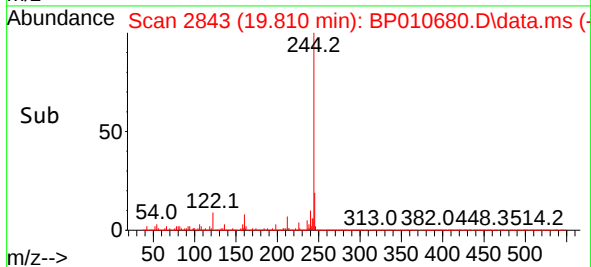
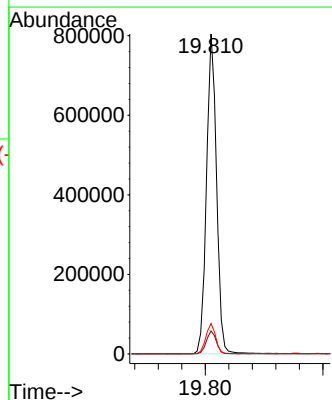
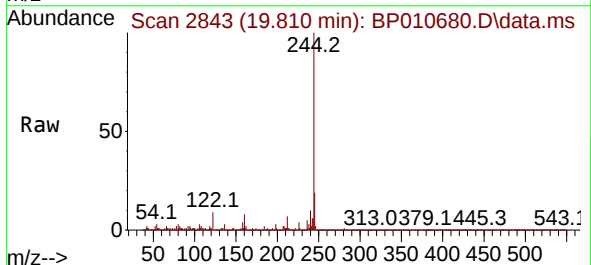
Instrument :
BNA_P
ClientSampleId :
P027-SS001-0006-01

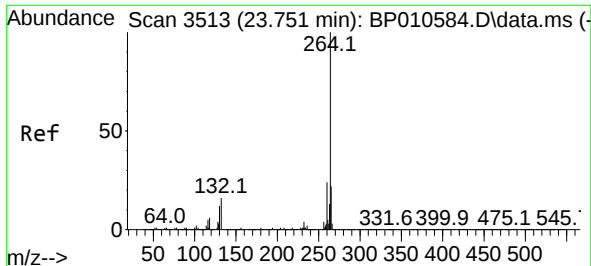
Tgt Ion:240 Resp: 660407
Ion Ratio Lower Upper
240 100
120 8.5 8.6 12.8#
236 25.2 19.8 29.6



#79
Terphenyl-d14
Concen: 27.282 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010680.D
Acq: 02 Jun 2022 20:13

Tgt Ion:244 Resp: 959227
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.5 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.757 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP010680.D
 Acq: 02 Jun 2022 20:13

Instrument :
 BNA_P
 ClientSampleId :
 P027-SS001-0006-01

Tgt Ion:264 Resp: 702335
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 22.3 18.0 27.0

