

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010675.D
 Acq On : 02 Jun 2022 17:22
 Operator : CG/JU
 Sample : N3099-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20220426-SPLP-AMENDED-COMPOSITE-F

Quant Time: Jun 03 00:52:56 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)

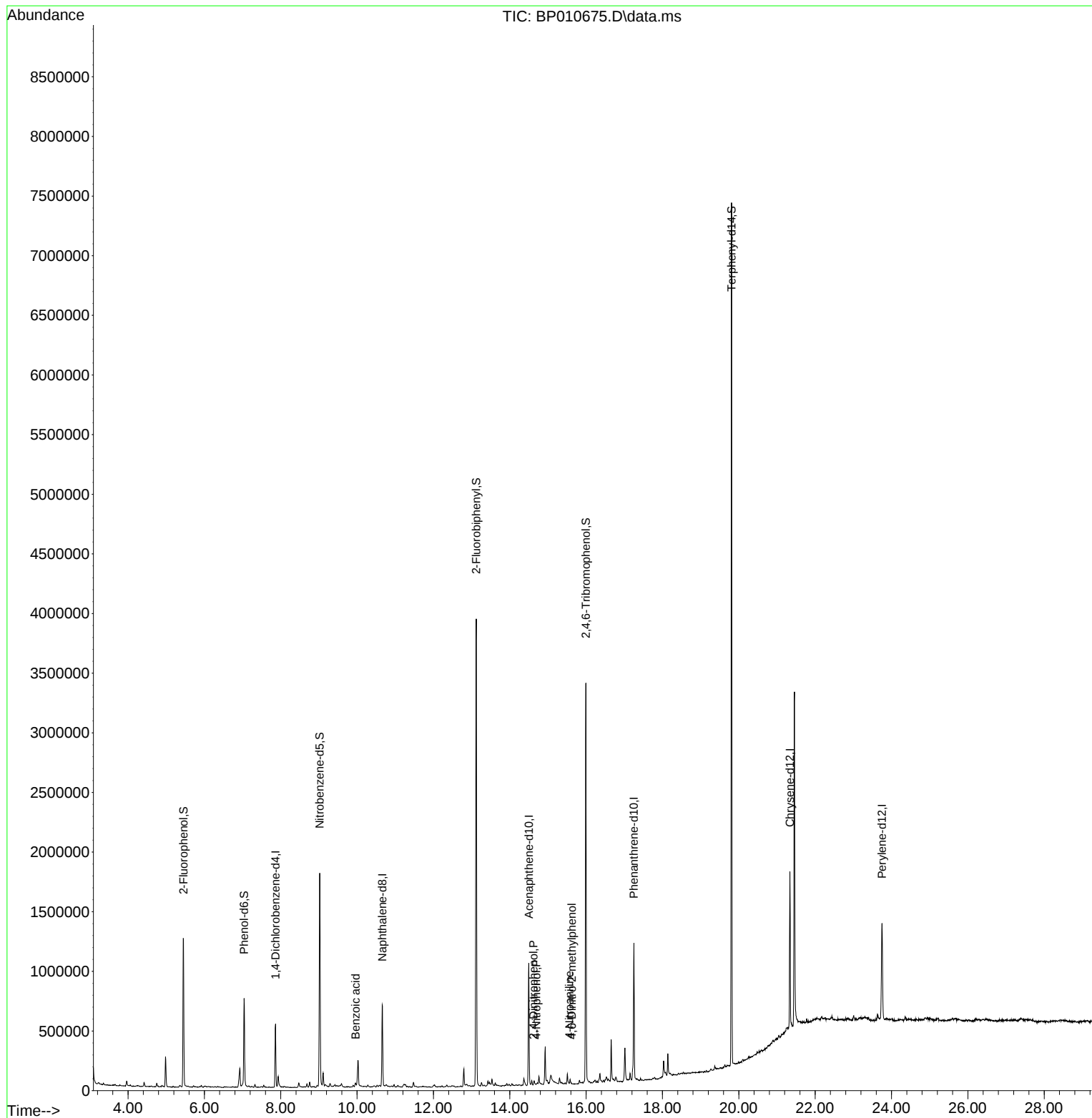
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	136931	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	554973	20.000	ng	0.00
39) Acenaphthene-d10	14.499	164	340288	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	684921	20.000	ng	0.00
76) Chrysene-d12	21.339	240	611768	20.000	ng	0.00
86) Perylene-d12	23.751	264	618782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	503944	67.140	ng	0.00
7) Phenol-d6	7.040	99	405541	38.058	ng	0.00
23) Nitrobenzene-d5	9.022	82	1005026	85.618	ng	0.00
42) 2,4,6-Tribromophenol	15.993	330	594481	154.334	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2003011	83.540	ng	0.00
79) Terphenyl-d14	19.810	244	3225516	99.033	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.963	122	8758	8.792	ng	# 85
54) 2,4-Dinitrophenol	14.622	184	36	6.656	ng	# 1
56) 4-Nitrophenol	14.698	139	69	3.612	ng	# 1
62) 4-Nitroaniline	15.563	138	127	2.155	ng	93
65) 4,6-Dinitro-2-methylph...	15.628	198	60	4.615	ng	# 1

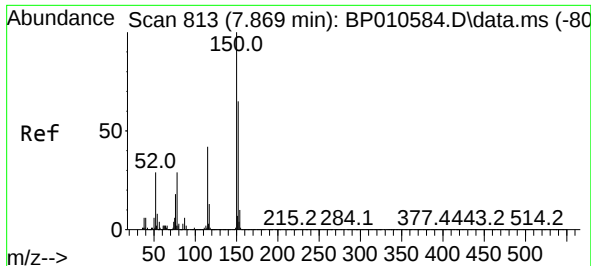
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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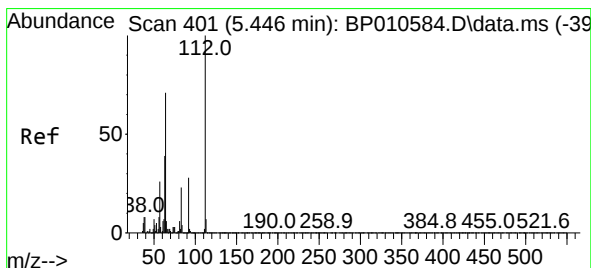
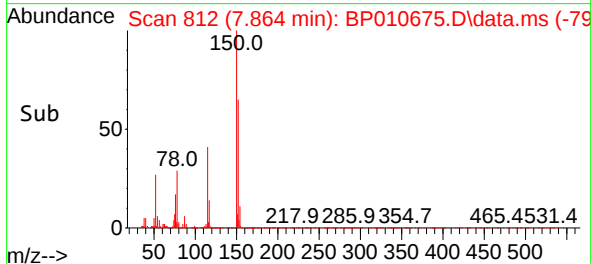
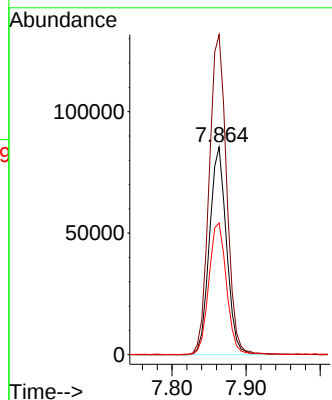
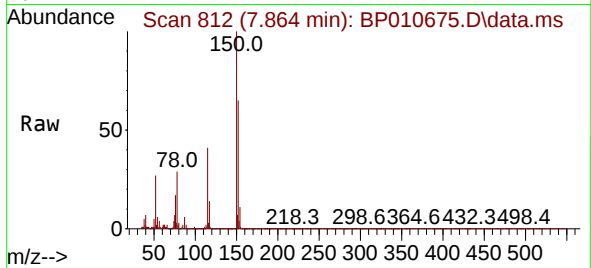




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.005 min
Lab File: BP010675.D
Acq: 02 Jun 2022 17:22

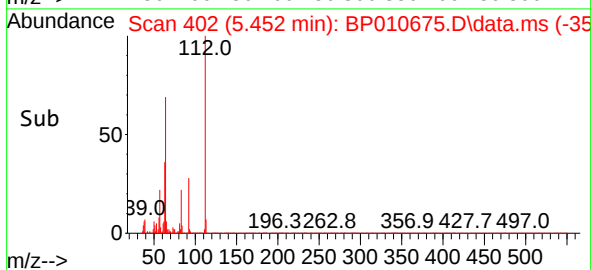
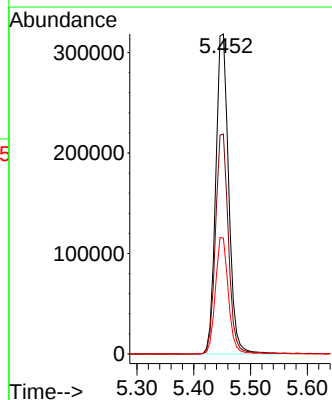
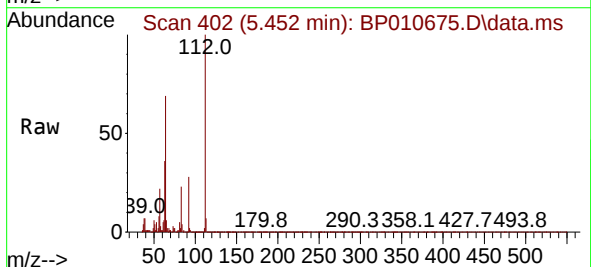
Instrument :
BNA_P
ClientSampleId :
20220426-SPLP-AMENDED-COMPOSITE-F

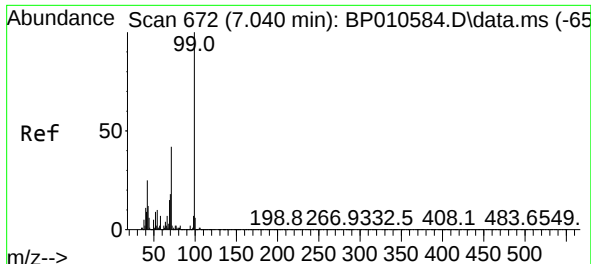
Tgt Ion:152 Resp: 136931
Ion Ratio Lower Upper
152 100
150 154.1 123.4 185.2
115 63.4 51.3 76.9



#5
2-Fluorophenol
Concen: 67.140 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010675.D
Acq: 02 Jun 2022 17:22

Tgt Ion:112 Resp: 503944
Ion Ratio Lower Upper
112 100
64 68.7 56.9 85.3
63 36.2 31.2 46.8

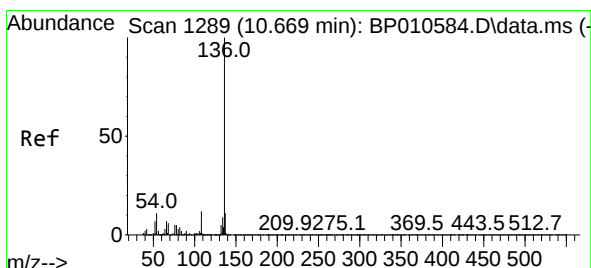
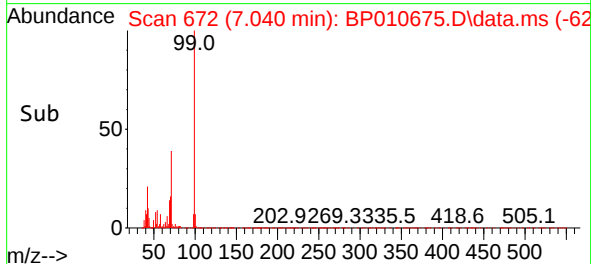
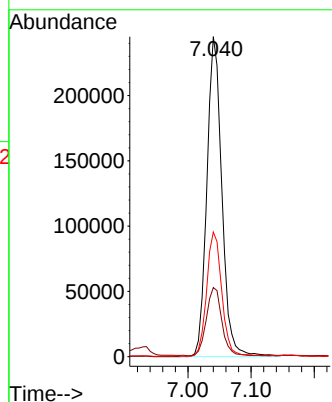
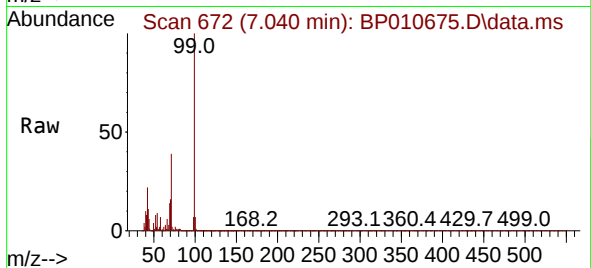




#7
Phenol-d6
Concen: 38.058 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP010675.D
Acq: 02 Jun 2022 17:22

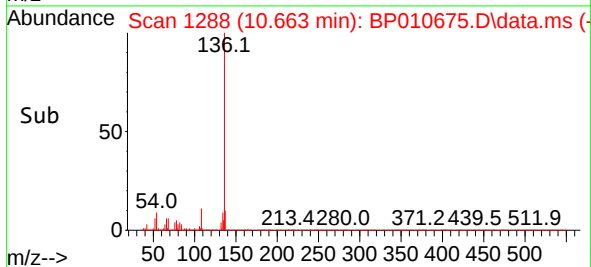
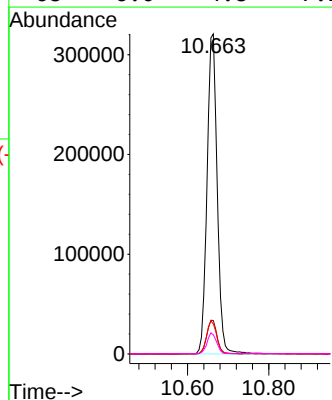
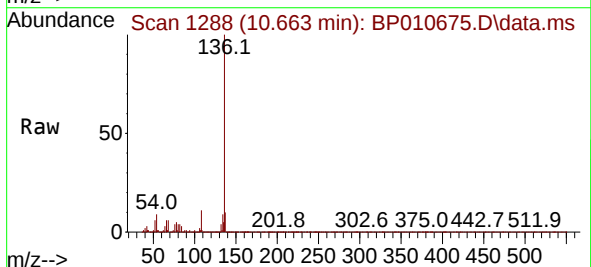
Instrument :
BNA_P
ClientSampleId :
20220426-SPLP-AMENDED-COMPOSITE-F

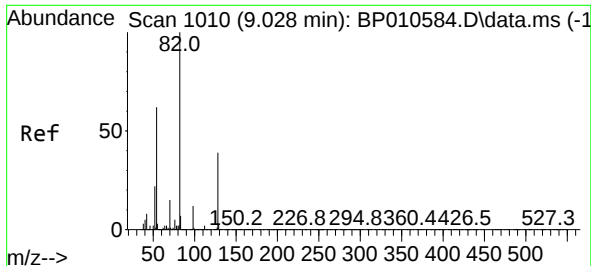
Tgt Ion: 99 Resp: 405541
Ion Ratio Lower Upper
99 100
42 21.6 20.3 30.5
71 39.0 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010675.D
Acq: 02 Jun 2022 17:22

Tgt Ion: 136 Resp: 554973
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 9.4 8.7 13.1
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 85.618 ng

RT: 9.022 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BP010675.D

Acq: 02 Jun 2022 17:22

Instrument :

BNA_P

ClientSampleId :

20220426-SPLP-AMENDED-COMPOSITE-F

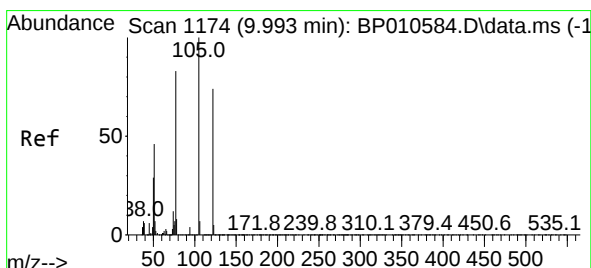
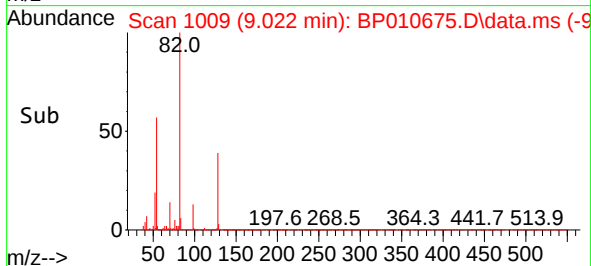
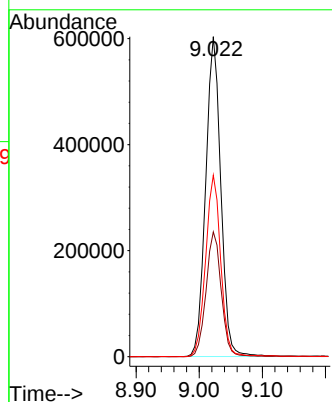
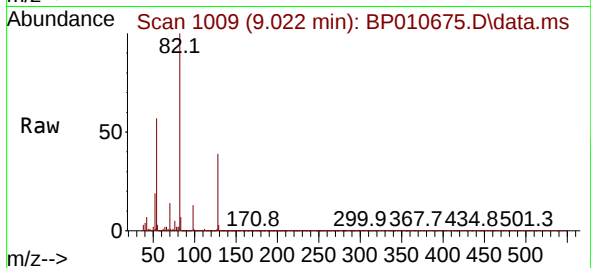
Tgt Ion: 82 Resp: 1005026

Ion Ratio Lower Upper

82 100

128 39.0 31.3 46.9

54 56.7 49.8 74.8



#32

Benzoic acid

Concen: 8.792 ng

RT: 9.963 min Scan# 1169

Delta R.T. -0.030 min

Lab File: BP010675.D

Acq: 02 Jun 2022 17:22

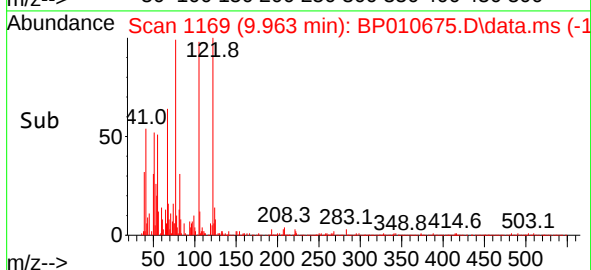
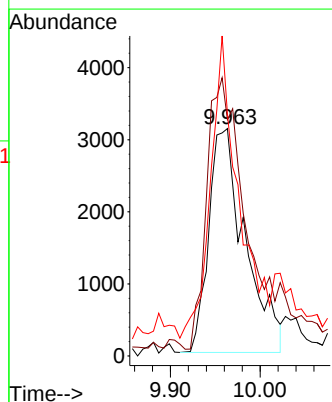
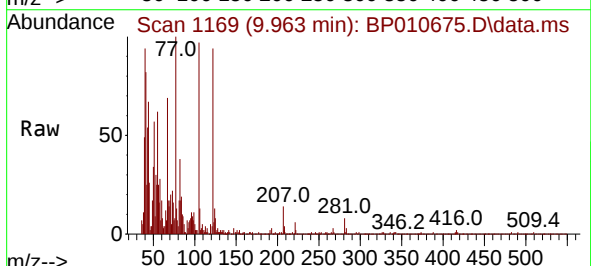
Tgt Ion: 122 Resp: 8758

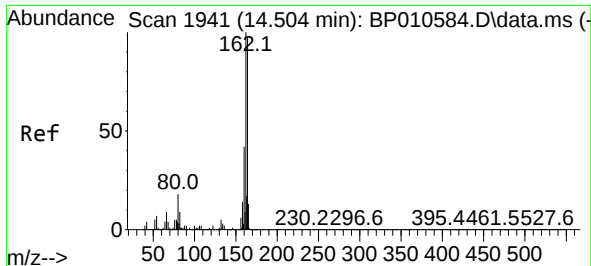
Ion Ratio Lower Upper

122 100

105 103.9 112.6 152.6#

77 106.7 90.2 130.2

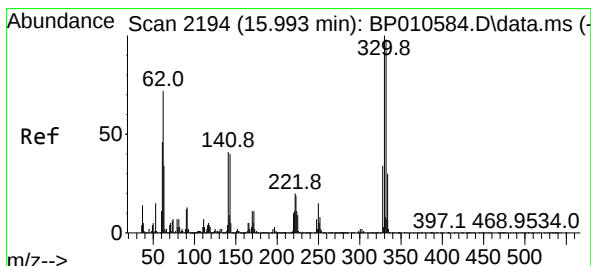
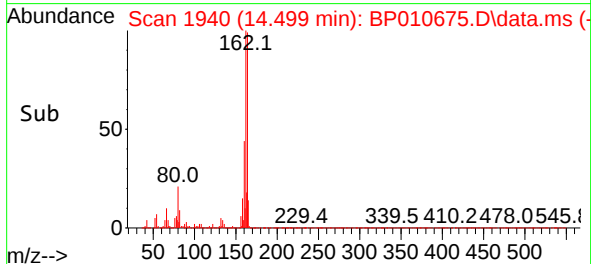
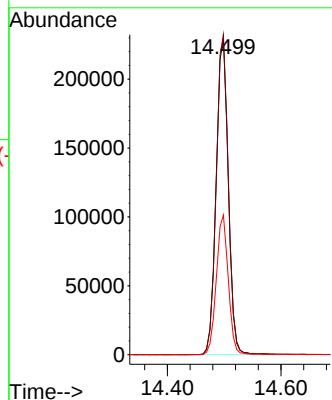
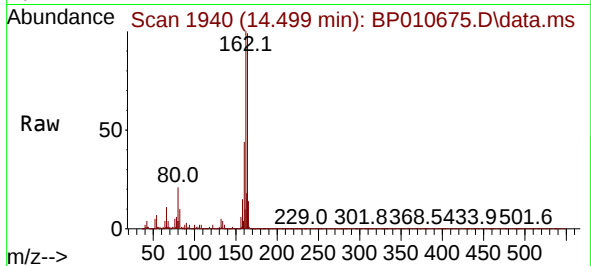




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.499 min Scan# 1940
Delta R.T. -0.005 min
Lab File: BP010675.D
Acq: 02 Jun 2022 17:22

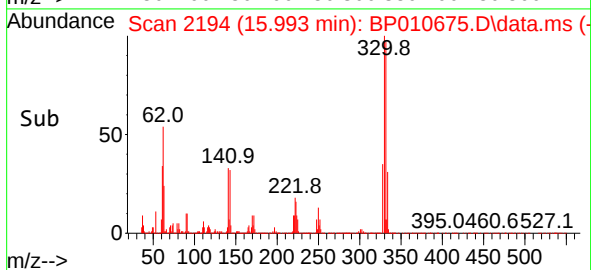
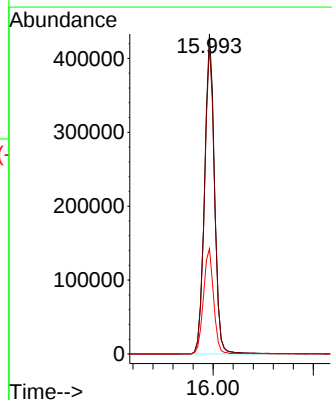
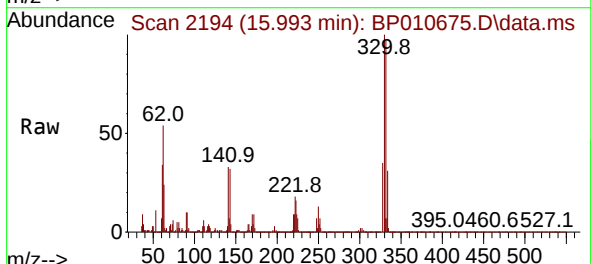
Instrument : BNA_P
ClientSampleId : 20220426-SPLP-AMENDED-COMPOSITE-F

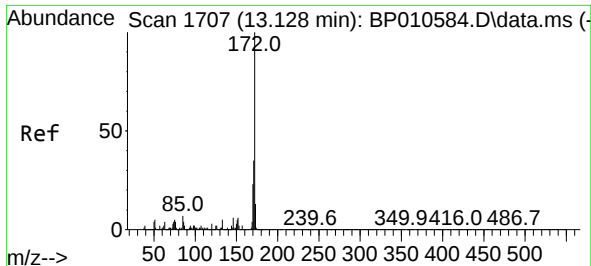
Tgt Ion:164 Resp: 340288
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 44.1 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 154.334 ng
RT: 15.993 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BP010675.D
Acq: 02 Jun 2022 17:22

Tgt Ion:330 Resp: 594481
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 33.6 31.4 47.2

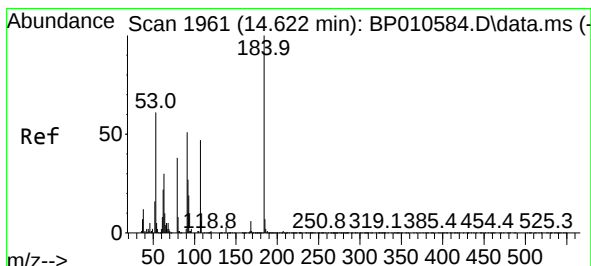
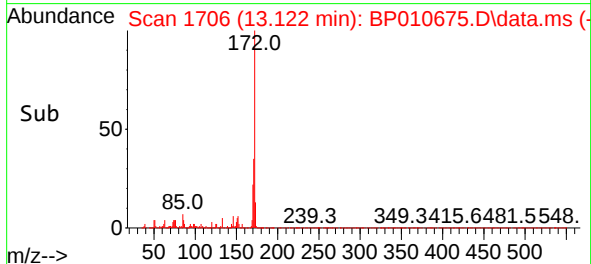
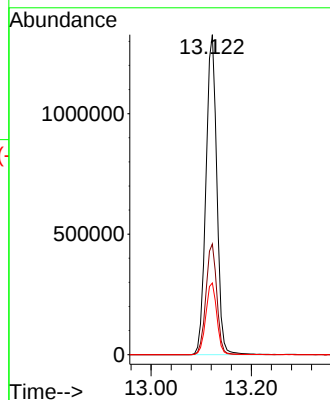
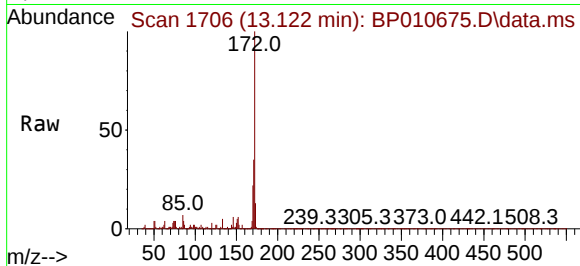




#45
2-Fluorobiphenyl
Concen: 83.540 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP010675.D
Acq: 02 Jun 2022 17:22

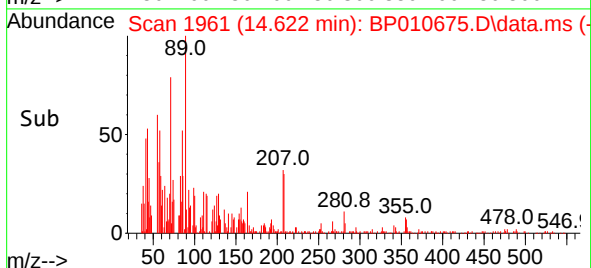
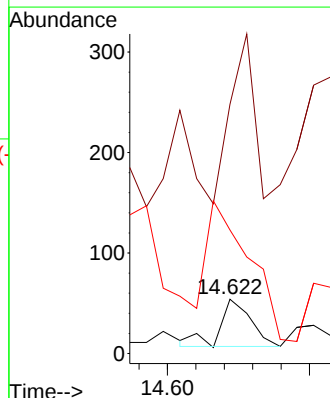
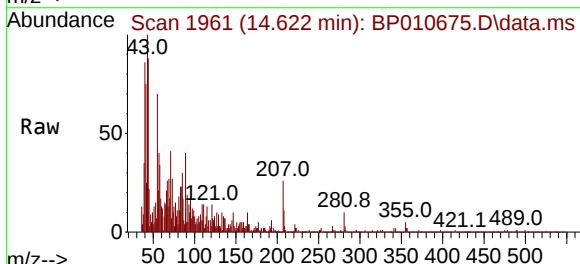
Instrument : BNA_P
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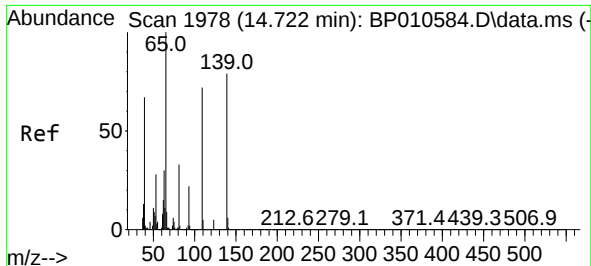
Tgt Ion:172 Resp: 2003011
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 22.4 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.656 ng
RT: 14.622 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP010675.D
Acq: 02 Jun 2022 17:22

Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 459.3 65.4 98.2#
154 227.8 55.4 83.2#

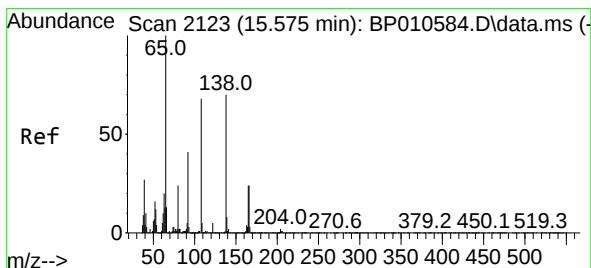
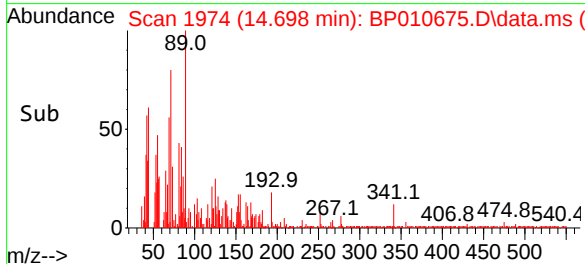
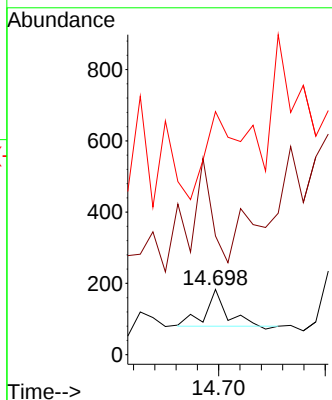
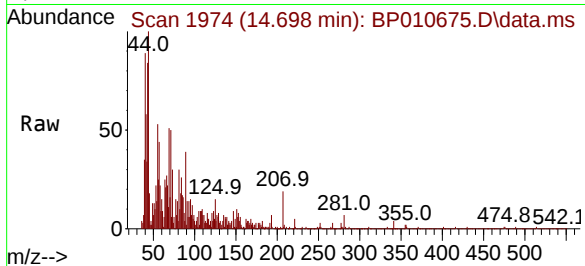




#56
4-Nitrophenol
Concen: 3.612 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.024 min
Lab File: BP010675.D
Acq: 02 Jun 2022 17:22

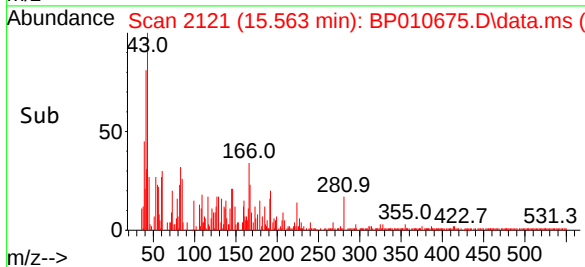
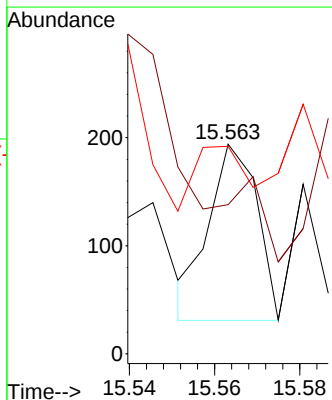
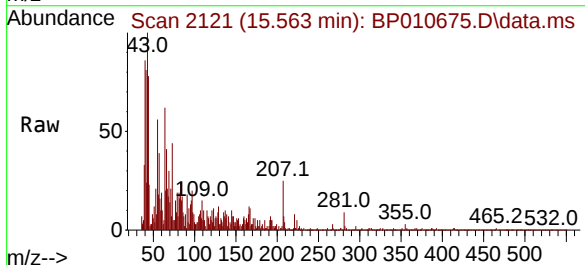
Instrument : BNA_P
ClientSampleId : 20220426-SPLP-AMENDED-COMPOSITE-F

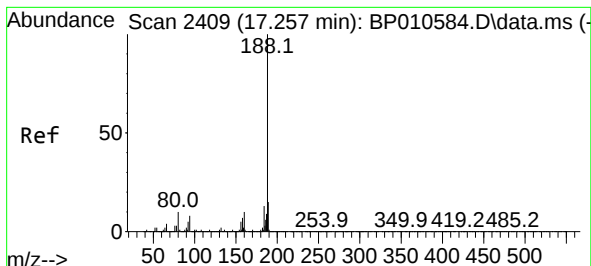
Tgt Ion:139 Resp: 69
Ion Ratio Lower Upper
139 100
109 137.6 70.6 110.6#
65 281.8 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.155 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP010675.D
Acq: 02 Jun 2022 17:22

Tgt Ion:138 Resp: 127
Ion Ratio Lower Upper
138 100
92 71.1 38.0 78.0
108 99.0 77.6 117.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BP010675.D

Acq: 02 Jun 2022 17:22

Instrument :

BNA_P

ClientSampleId :

20220426-SPLP-AMENDED-COMPOSITE-F

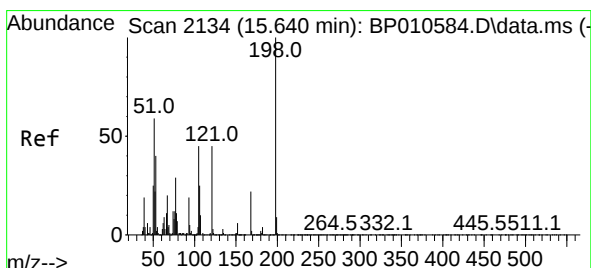
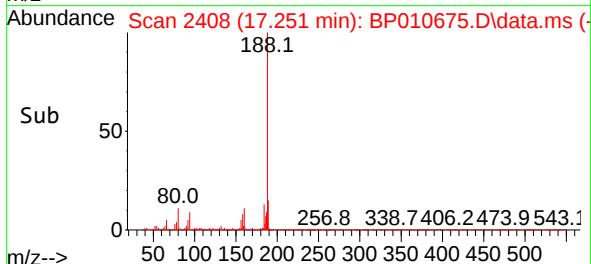
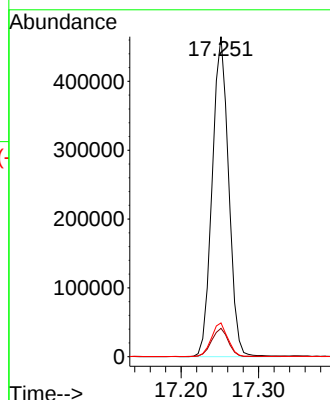
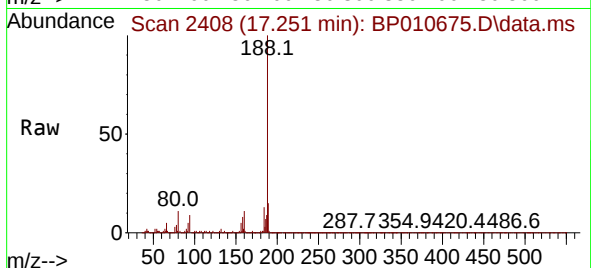
Tgt Ion:188 Resp: 684921

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 10.6 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.615 ng

RT: 15.628 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BP010675.D

Acq: 02 Jun 2022 17:22

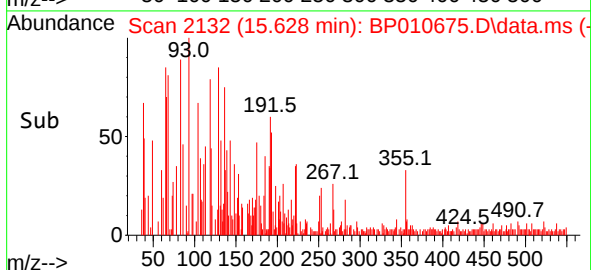
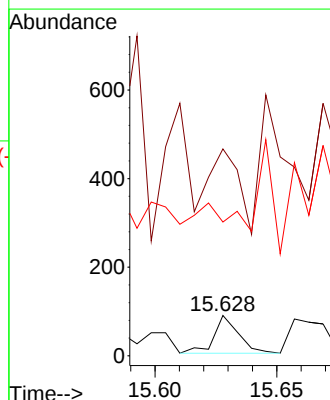
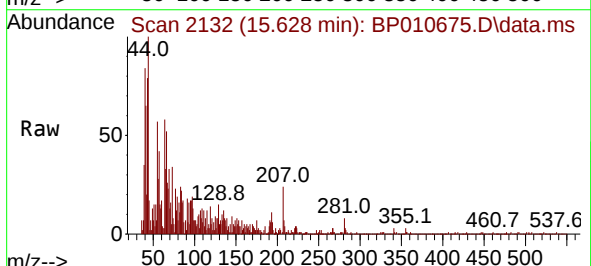
Tgt Ion:198 Resp: 60

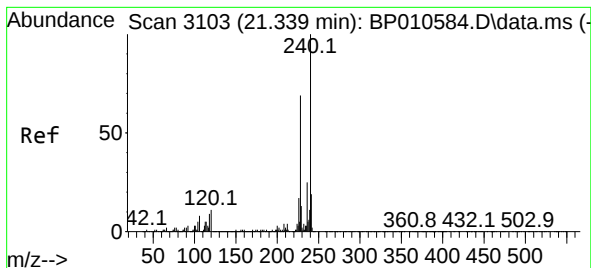
Ion Ratio Lower Upper

198 100

51 513.2 41.2 81.2#

105 331.9 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: BP010675.D

Acq: 02 Jun 2022 17:22

Instrument :

BNA_P

ClientSampleId :

20220426-SPLP-AMENDED-COMPOSITE-F

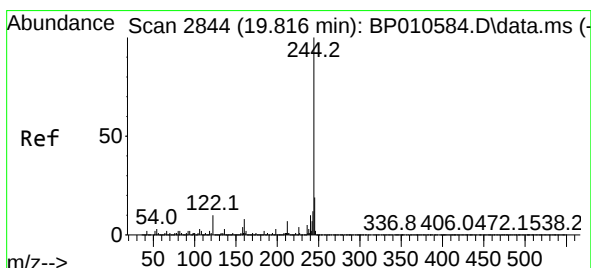
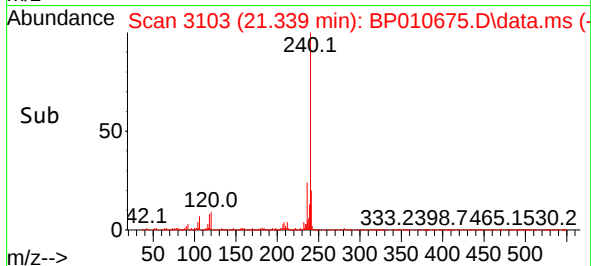
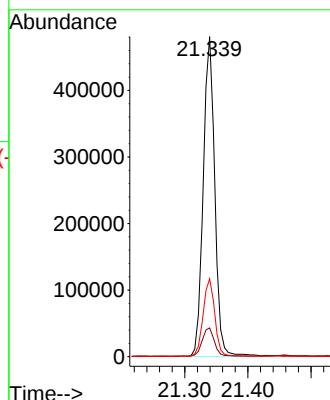
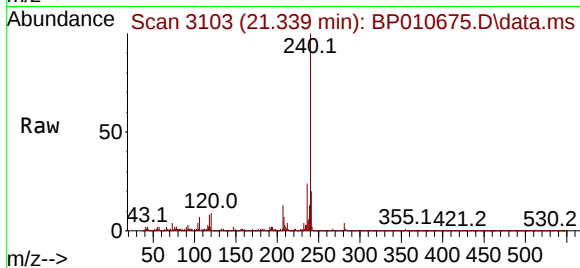
Tgt Ion:240 Resp: 611768

Ion Ratio Lower Upper

240 100

120 9.0 8.6 12.8

236 24.4 19.8 29.6



#79

Terphenyl-d14

Concen: 99.033 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010675.D

Acq: 02 Jun 2022 17:22

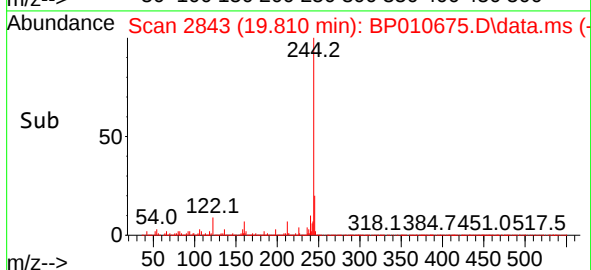
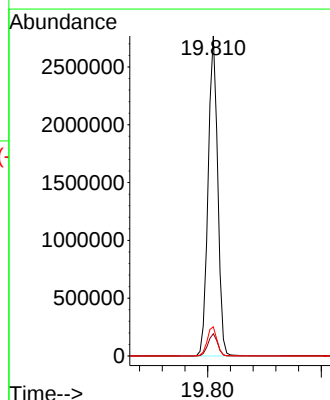
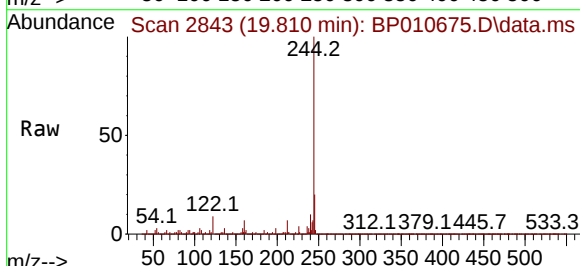
Tgt Ion:244 Resp: 3225516

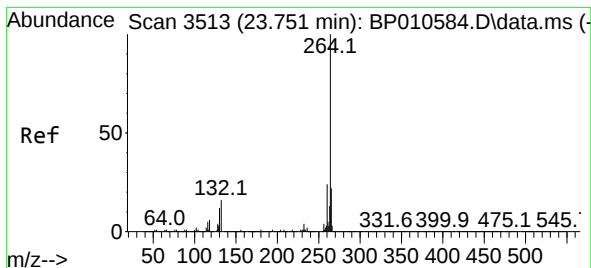
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 9.1 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP010675.D

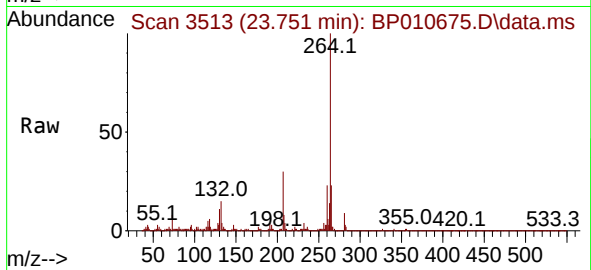
Acq: 02 Jun 2022 17:22

Instrument :

BNA_P

ClientSampleId :

20220426-SPLP-AMENDED-COMPOSITE-F



Tgt Ion:264 Resp: 618782

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.7 18.0 27.0

