

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010672.D
 Acq On : 02 Jun 2022 15:40
 Operator : CG/JU
 Sample : N2953-26 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P044-SS003-0006-01

Quant Time: Jun 03 00:52:23 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)

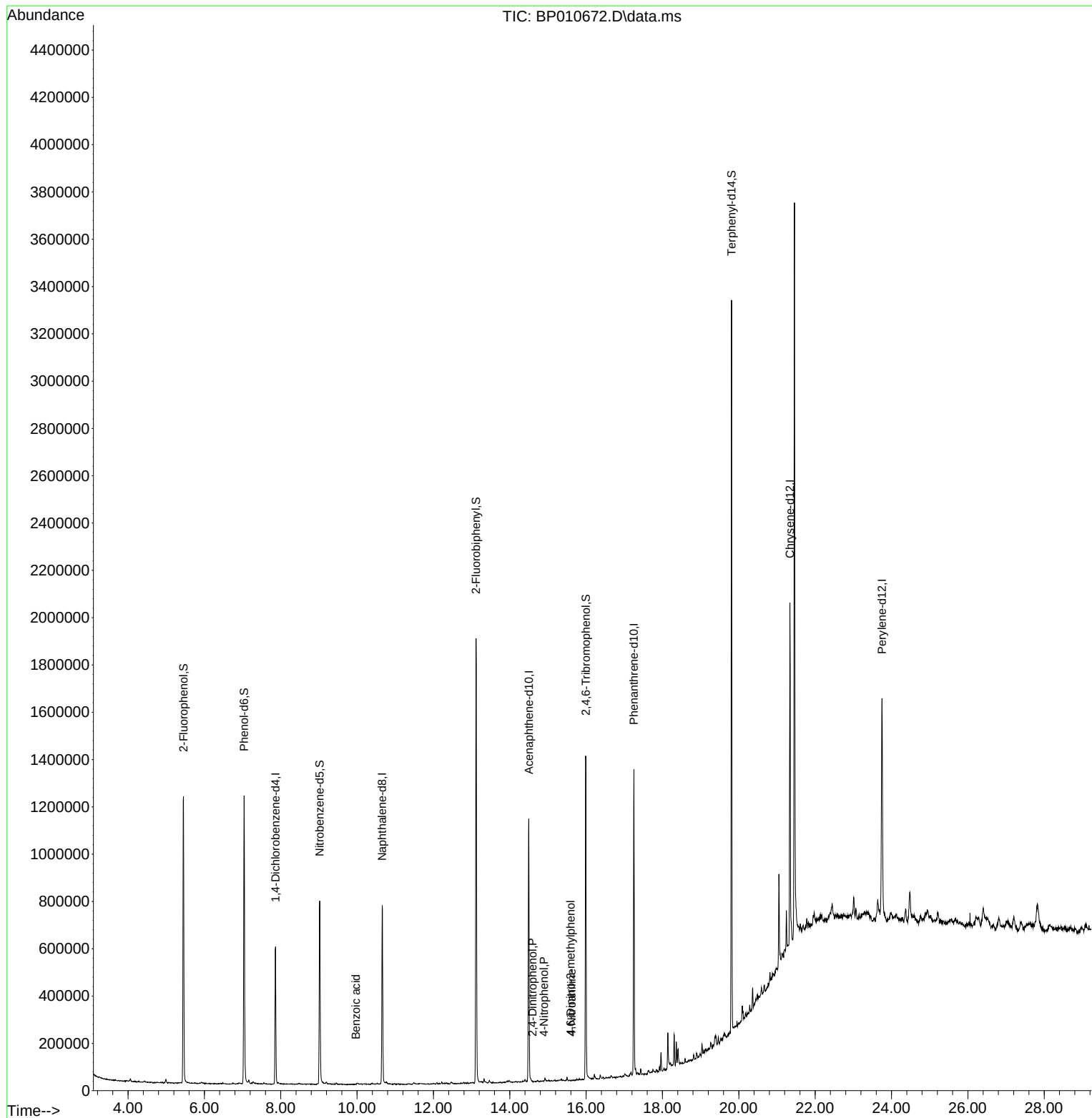
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	152924	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	616646	20.000	ng	-0.01
39) Acenaphthene-d10	14.498	164	378547	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	759814	20.000	ng	0.00
76) Chrysene-d12	21.339	240	669493	20.000	ng	0.00
86) Perylene-d12	23.751	264	672487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	490153	58.473	ng	0.00
7) Phenol-d6	7.040	99	658786	55.358	ng	0.00
23) Nitrobenzene-d5	9.022	82	455982	34.960	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	254402	59.371	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	959497	35.973	ng	-0.01
79) Terphenyl-d14	19.810	244	1371045	38.466	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	9.969	122	391	7.383	ng #	49
54) 2,4-Dinitrophenol	14.598	184	10	6.648	ng #	1
56) 4-Nitrophenol	14.892	139	307	3.658	ng	87
62) 4-Nitroaniline	15.616	138	67	2.143	ng	87
65) 4,6-Dinitro-2-methylph...	15.598	198	59	4.614	ng #	1

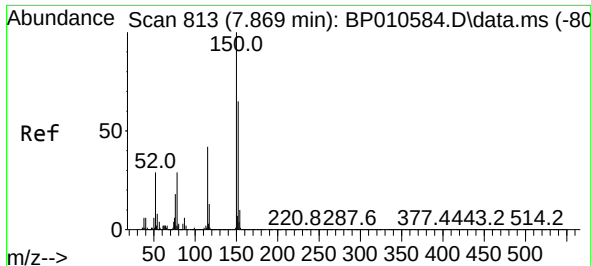
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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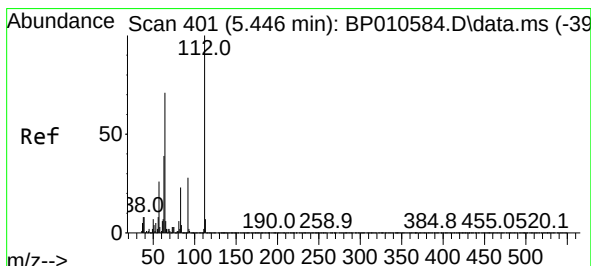
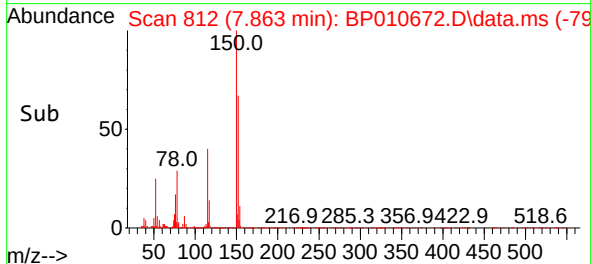
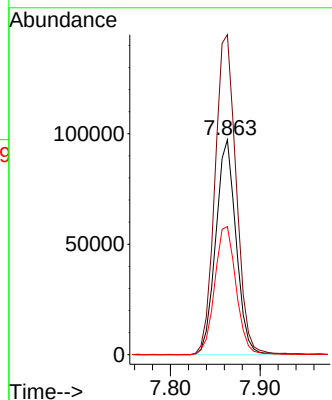
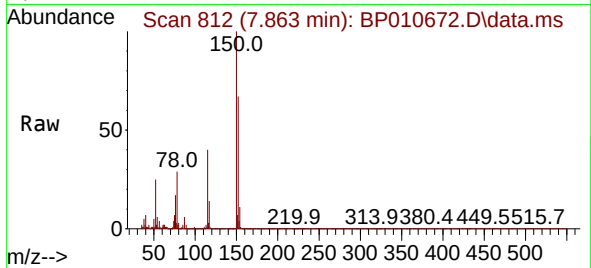




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP010672.D
Acq: 02 Jun 2022 15:40

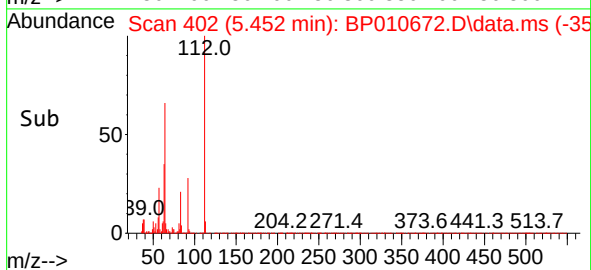
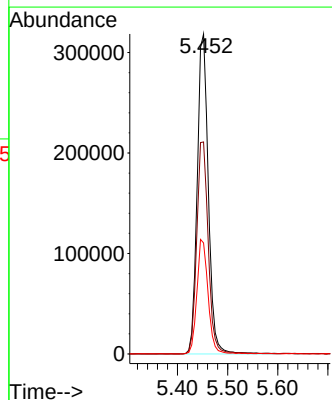
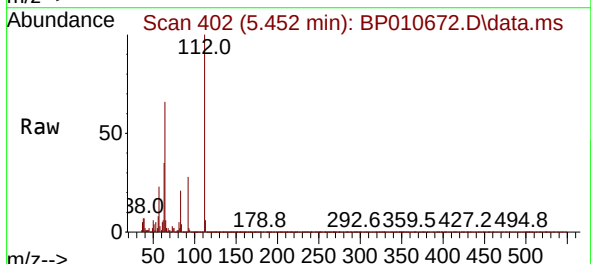
Instrument :
BNA_P
ClientSampleId :
P044-SS003-0006-01

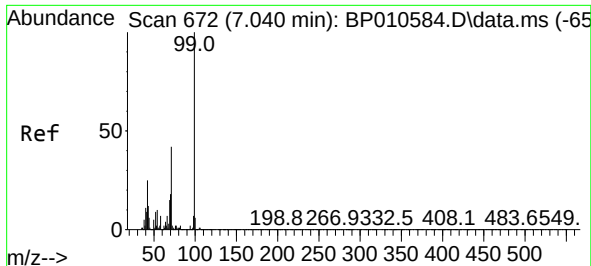
Tgt Ion:152 Resp: 152924
Ion Ratio Lower Upper
152 100
150 148.9 123.4 185.2
115 59.7 51.3 76.9



#5
2-Fluorophenol
Concen: 58.473 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010672.D
Acq: 02 Jun 2022 15:40

Tgt Ion:112 Resp: 490153
Ion Ratio Lower Upper
112 100
64 66.2 56.9 85.3
63 34.7 31.2 46.8

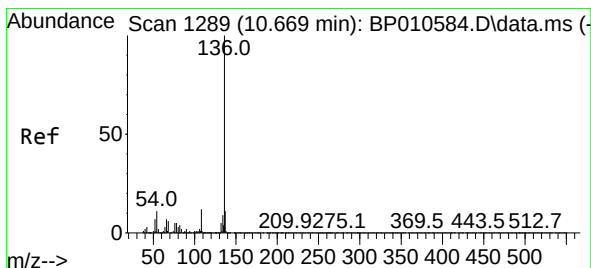
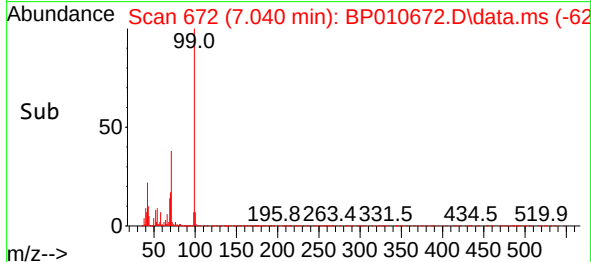
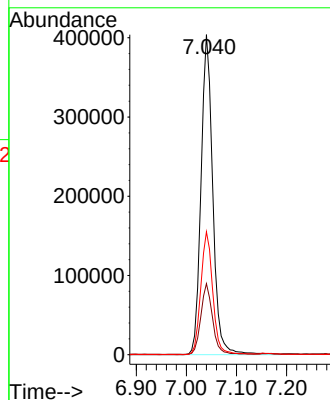
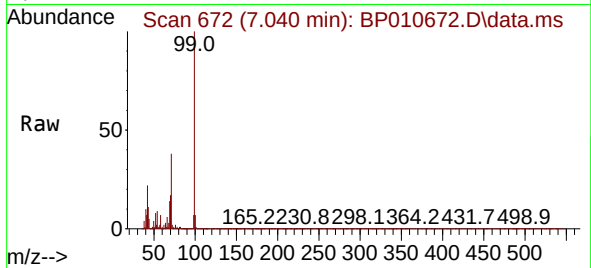




#7
Phenol-d6
Concen: 55.358 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010672.D
Acq: 02 Jun 2022 15:40

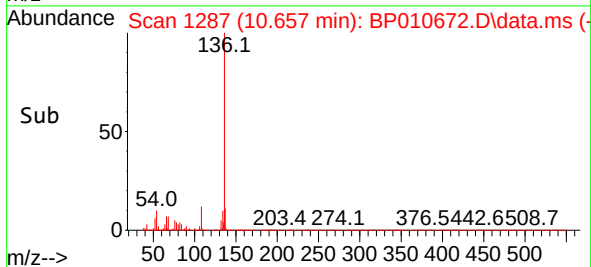
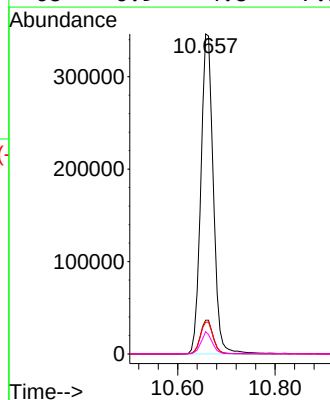
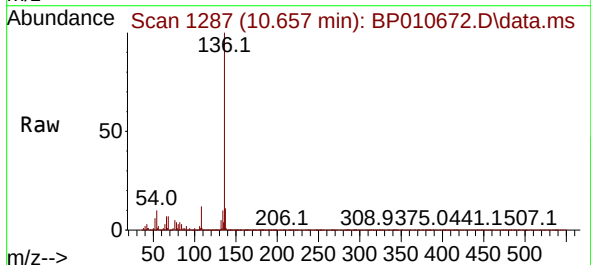
Instrument :
BNA_P
ClientSampleId :
P044-SS003-0006-01

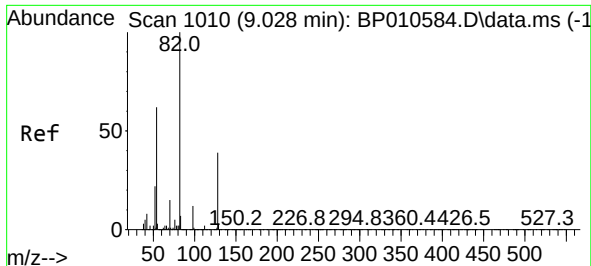
Tgt Ion:	99	Resp:	658786
Ion	Ratio	Lower	Upper
99	100		
42	22.2	20.3	30.5
71	38.4	33.9	50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP010672.D
Acq: 02 Jun 2022 15:40

Tgt Ion:	136	Resp:	616646
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	9.9	8.7	13.1
68	6.9	4.8	7.2

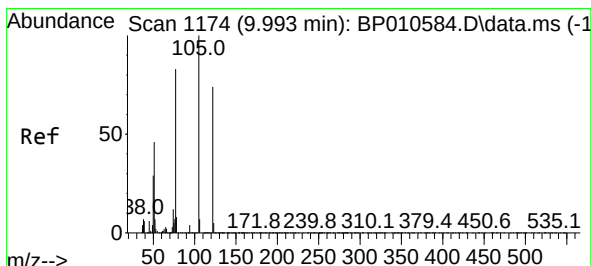
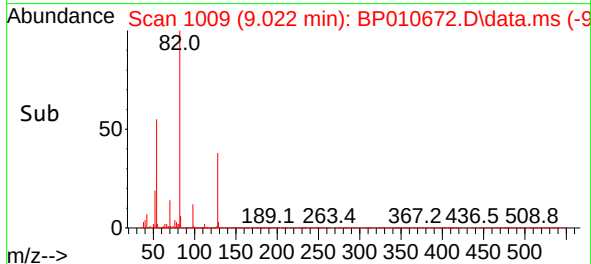
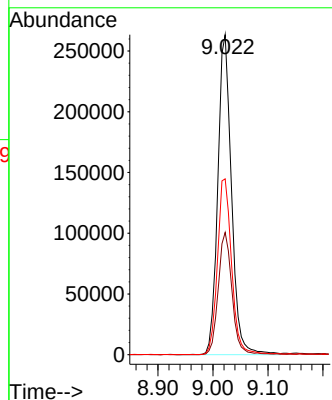
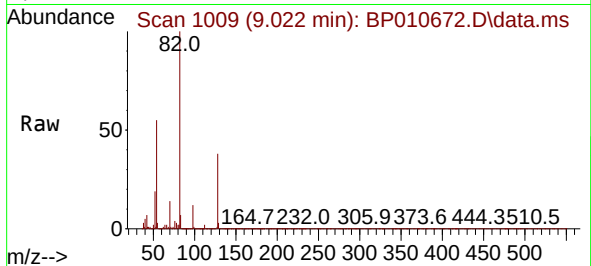




#23
Nitrobenzene-d5
Concen: 34.960 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP010672.D
Acq: 02 Jun 2022 15:40

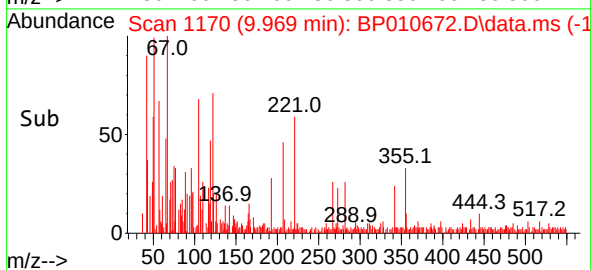
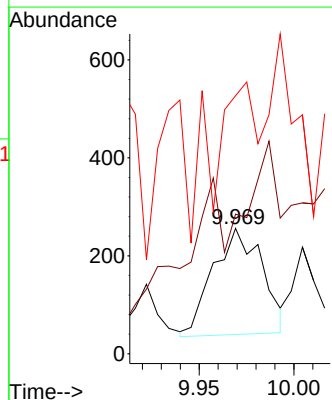
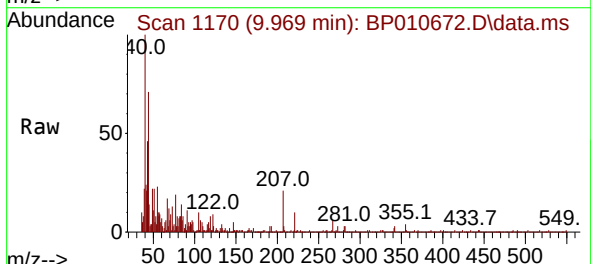
Instrument :
BNA_P
ClientSampleId :
P044-SS003-0006-01

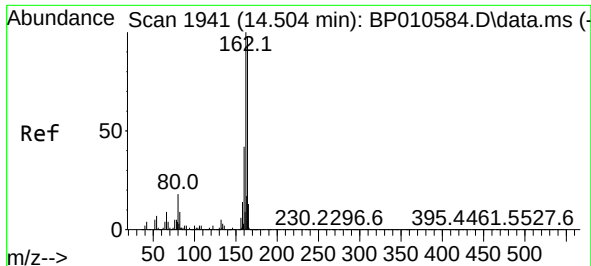
Tgt Ion: 82 Resp: 455982
Ion Ratio Lower Upper
82 100
128 38.2 31.3 46.9
54 54.9 49.8 74.8



#32
Benzoic acid
Concen: 7.383 ng
RT: 9.969 min Scan# 1170
Delta R.T. -0.024 min
Lab File: BP010672.D
Acq: 02 Jun 2022 15:40

Tgt Ion: 122 Resp: 391
Ion Ratio Lower Upper
122 100
105 111.3 112.6 152.6#
77 205.9 90.2 130.2#

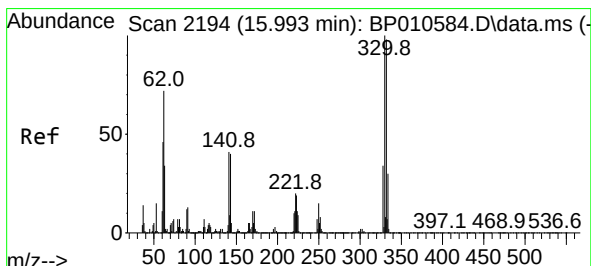
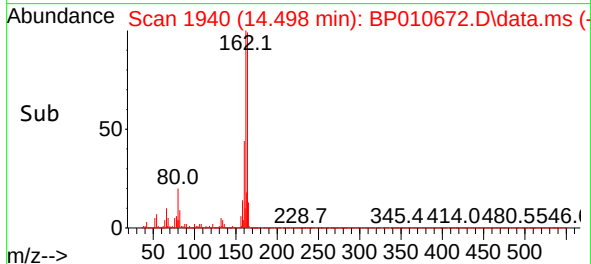
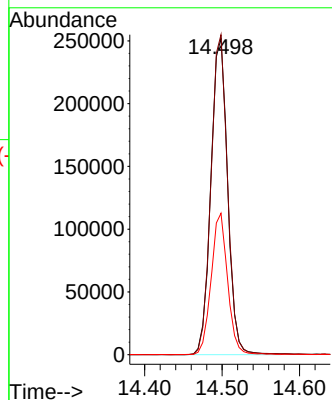
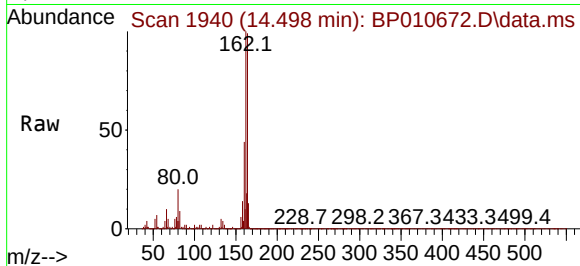




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010672.D
Acq: 02 Jun 2022 15:40

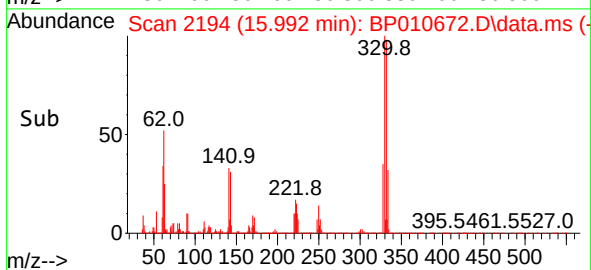
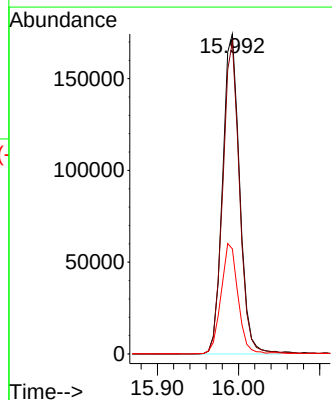
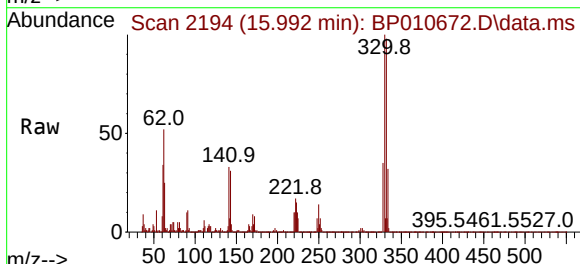
Instrument :
BNA_P
ClientSampleId :
P044-SS003-0006-01

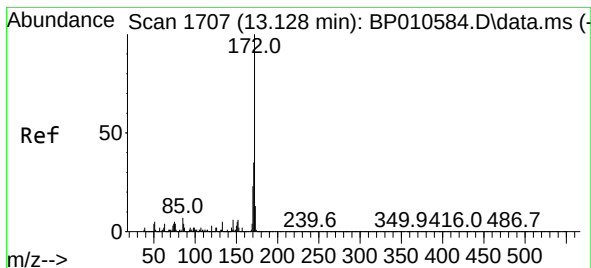
Tgt Ion:164 Resp: 378547
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 44.7 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 59.371 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010672.D
Acq: 02 Jun 2022 15:40

Tgt Ion:330 Resp: 254402
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 34.5 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 35.973 ng

RT: 13.116 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP010672.D

Acq: 02 Jun 2022 15:40

Instrument :

BNA_P

ClientSampleId :

P044-SS003-0006-01

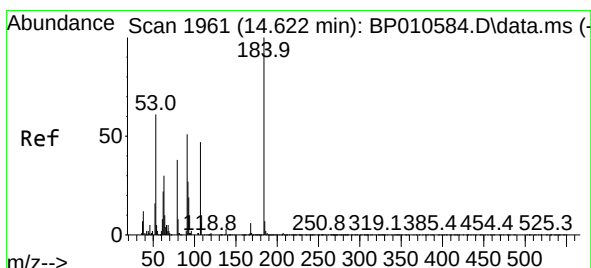
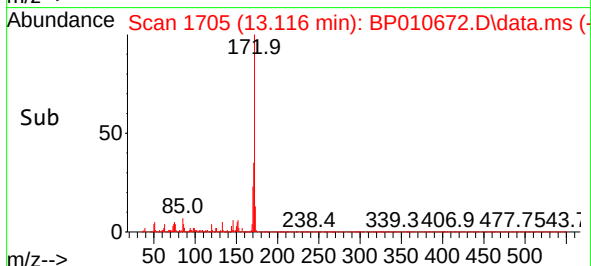
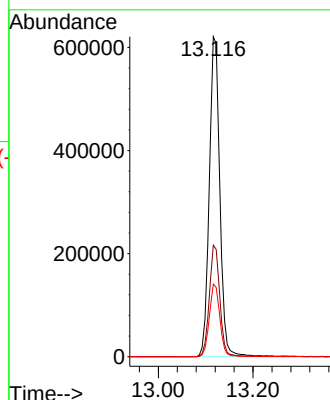
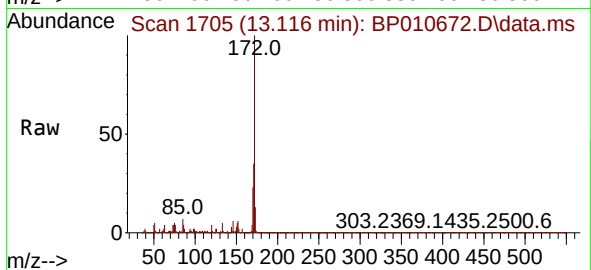
Tgt Ion:172 Resp: 959497

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 22.7 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.648 ng

RT: 14.598 min Scan# 1957

Delta R.T. -0.024 min

Lab File: BP010672.D

Acq: 02 Jun 2022 15:40

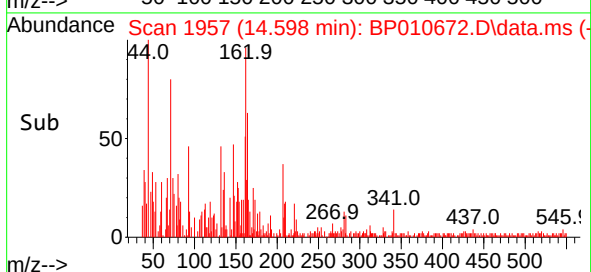
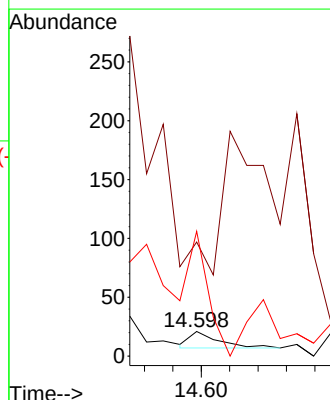
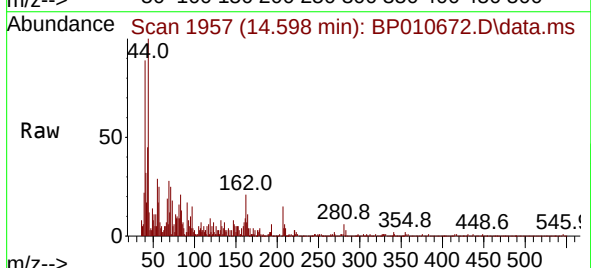
Tgt Ion:184 Resp: 10

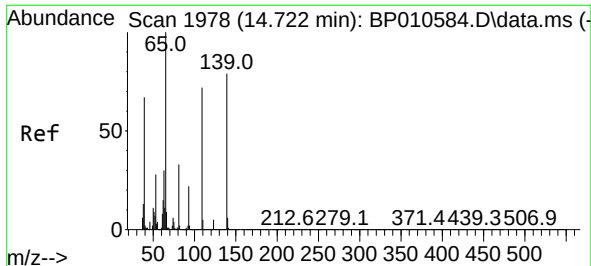
Ion Ratio Lower Upper

184 100

63 461.9 65.4 98.2#

154 504.8 55.4 83.2#

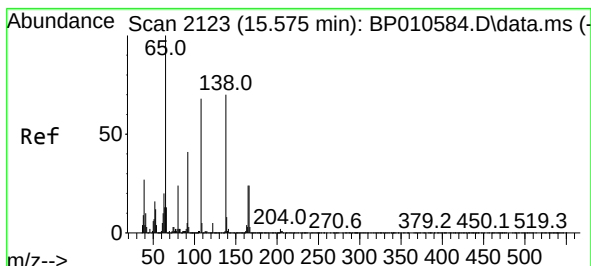
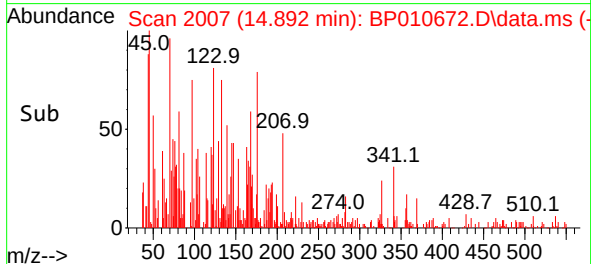
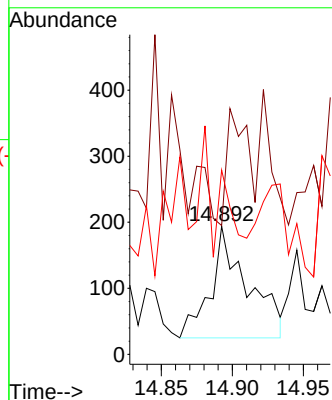
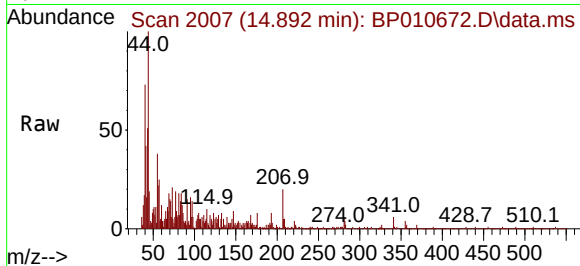




#56
4-Nitrophenol
Concen: 3.658 ng
RT: 14.892 min Scan# 20
Delta R.T. 0.170 min
Lab File: BP010672.D
Acq: 02 Jun 2022 15:40

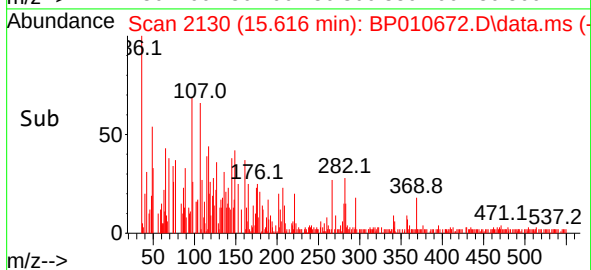
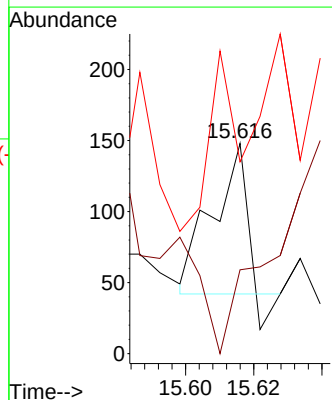
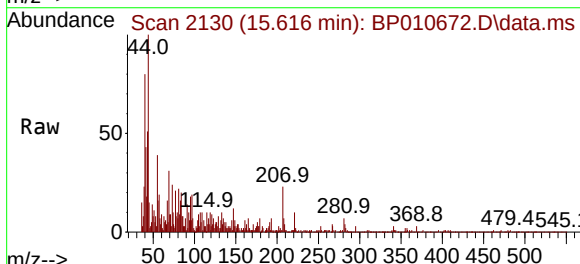
Instrument :
BNA_P
ClientSampleId :
P044-SS003-0006-01

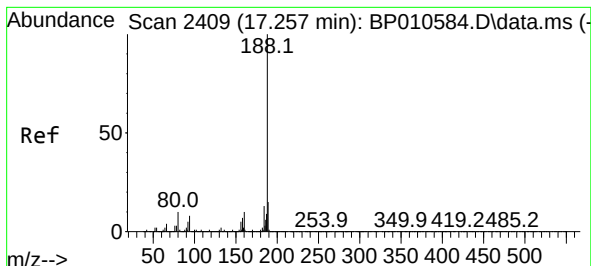
Tgt Ion:139 Resp: 307
Ion Ratio Lower Upper
139 100
109 100.5 70.6 110.6
65 143.8 106.6 146.6



#62
4-Nitroaniline
Concen: 2.143 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.041 min
Lab File: BP010672.D
Acq: 02 Jun 2022 15:40

Tgt Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
92 39.9 38.0 78.0
108 91.2 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: BP010672.D

Acq: 02 Jun 2022 15:40

Instrument :

BNA_P

ClientSampleId :

P044-SS003-0006-01

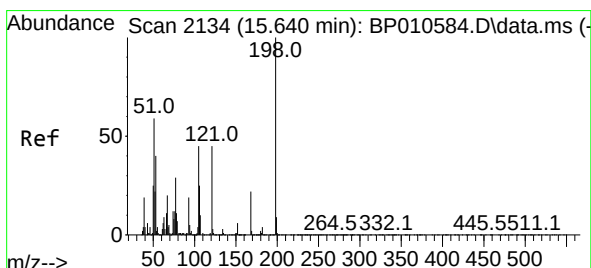
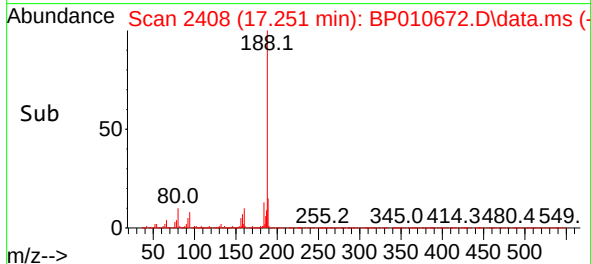
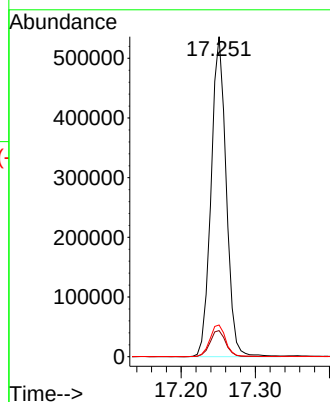
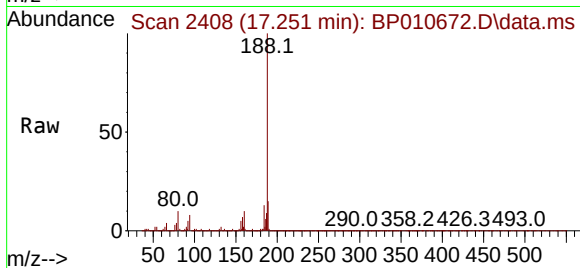
Tgt Ion:188 Resp: 759814

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 9.9 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.614 ng

RT: 15.598 min Scan# 2127

Delta R.T. -0.042 min

Lab File: BP010672.D

Acq: 02 Jun 2022 15:40

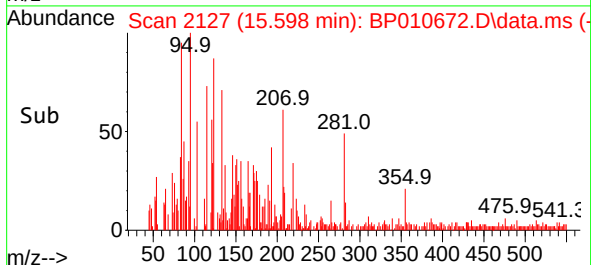
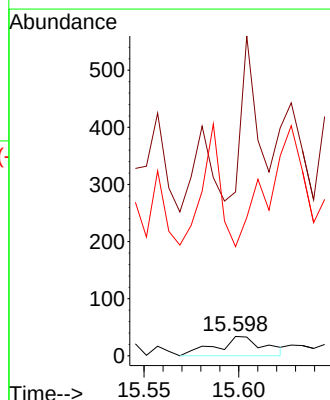
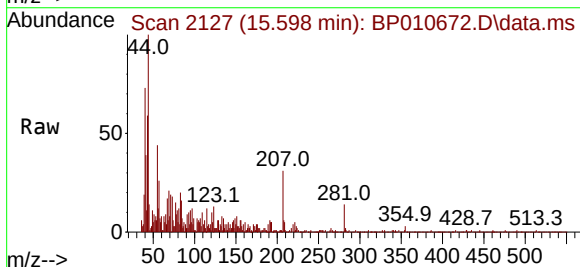
Tgt Ion:198 Resp: 59

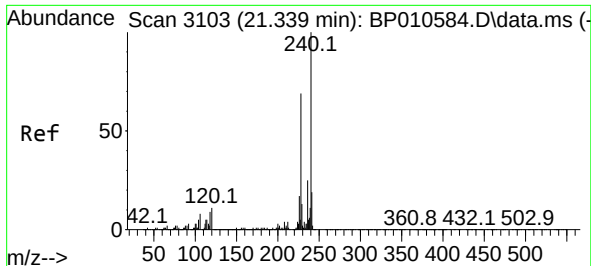
Ion Ratio Lower Upper

198 100

51 844.1 41.2 81.2#

105 561.8 25.3 65.3#

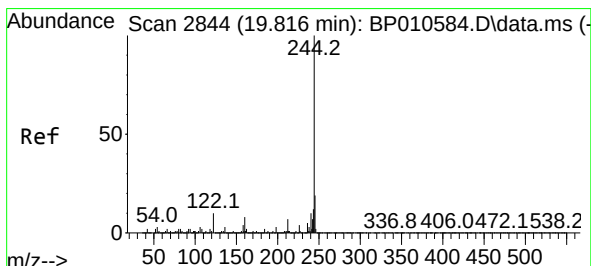
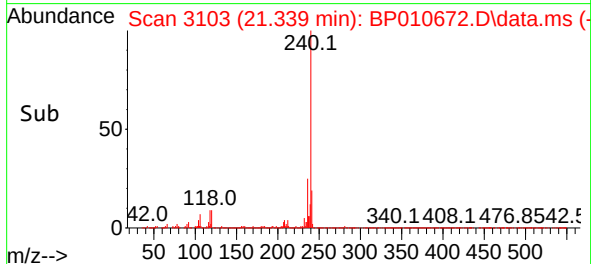
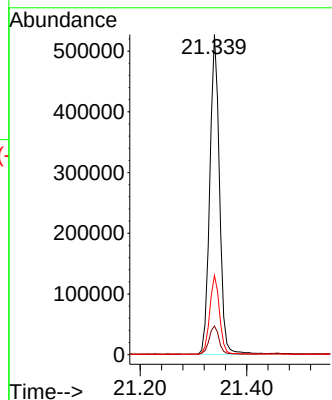
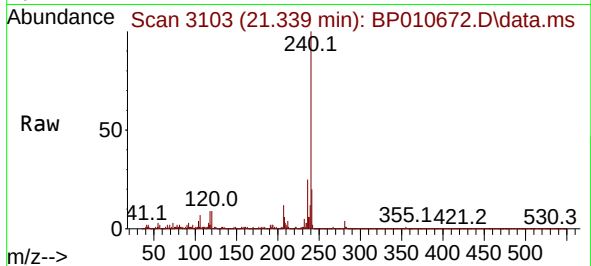




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010672.D
Acq: 02 Jun 2022 15:40

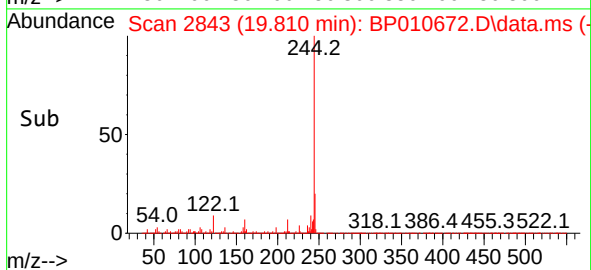
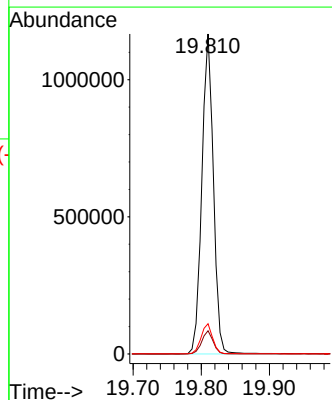
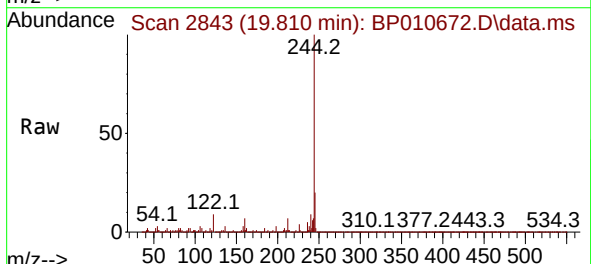
Instrument :
BNA_P
ClientSampleId :
P044-SS003-0006-01

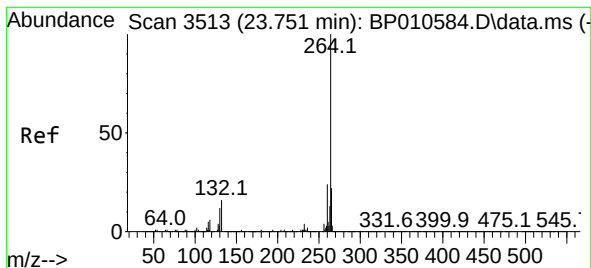
Tgt Ion:240 Resp: 669493
Ion Ratio Lower Upper
240 100
120 8.9 8.6 12.8
236 24.8 19.8 29.6



#79
Terphenyl-d14
Concen: 38.466 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010672.D
Acq: 02 Jun 2022 15:40

Tgt Ion:244 Resp: 1371045
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: 23.751 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP010672.D

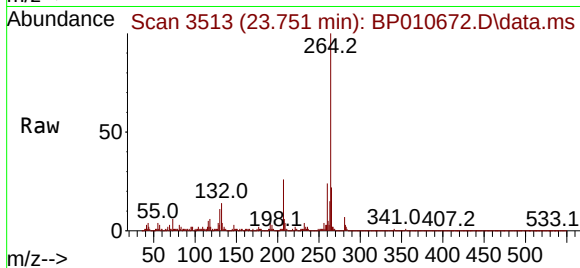
Acq: 02 Jun 2022 15:40

Instrument :

BNA_P

ClientSampleId :

P044-SS003-0006-01



Tgt Ion:264 Resp: 672487

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.7 18.0 27.0

