

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010670.D
 Acq On : 02 Jun 2022 14:32
 Operator : CG/JU
 Sample : N2952-26 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P043-SS001-0006-01

Quant Time: Jun 03 00:52:02 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)

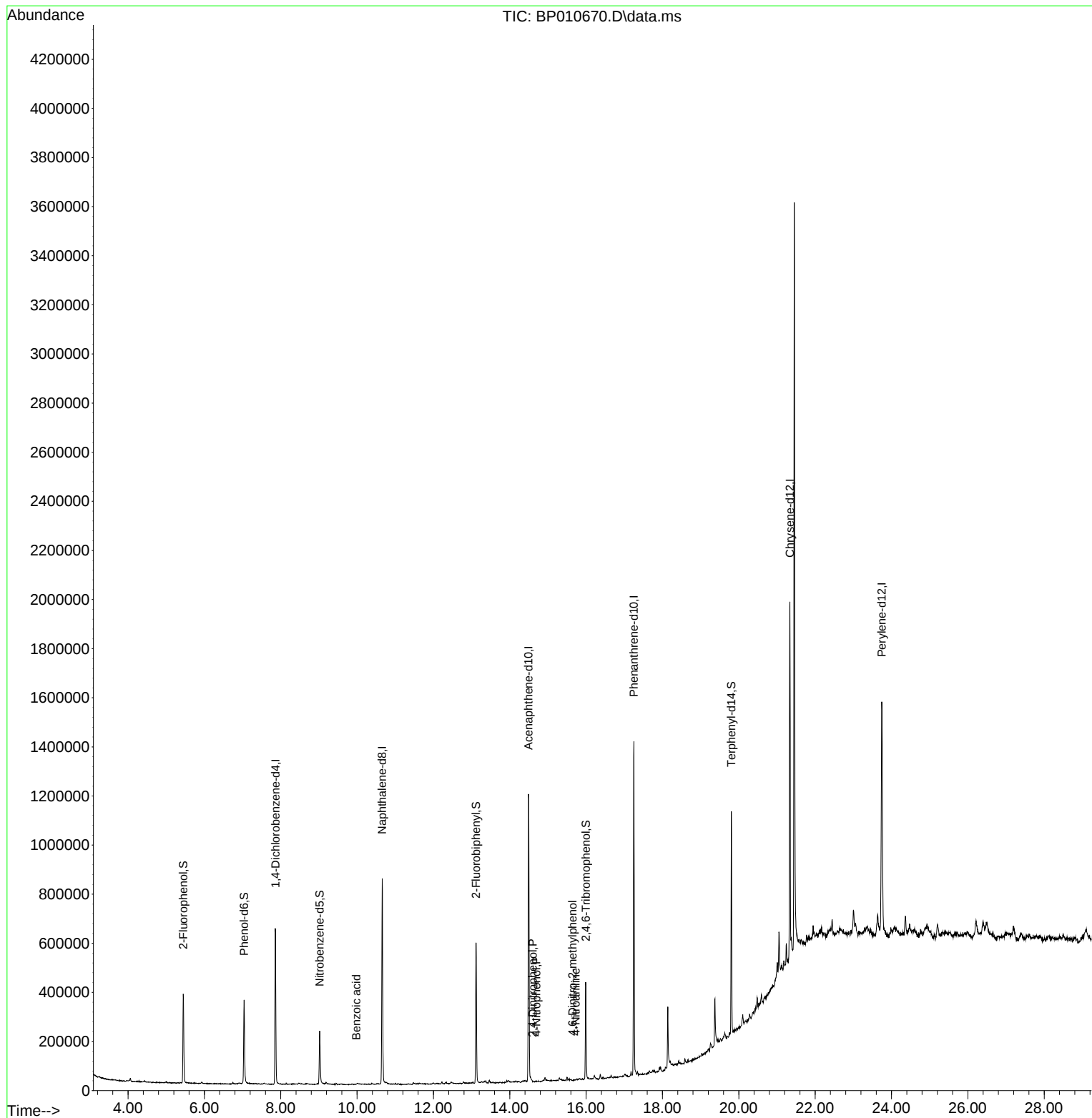
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	166623	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	674178	20.000	ng	-0.01
39) Acenaphthene-d10	14.493	164	408222	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	815591	20.000	ng	0.00
76) Chrysene-d12	21.339	240	731179	20.000	ng	0.00
86) Perylene-d12	23.745	264	739417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	151119	16.546	ng	0.00
7) Phenol-d6	7.040	99	198710	15.325	ng	0.00
23) Nitrobenzene-d5	9.022	82	130280	9.136	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	73279	15.858	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	290563	10.102	ng	-0.01
79) Terphenyl-d14	19.804	244	411689	10.576	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.981	122	425	7.382	ng	# 68
54) 2,4-Dinitrophenol	14.604	184	43	6.656	ng	# 1
56) 4-Nitrophenol	14.698	139	61	3.608	ng	# 1
62) 4-Nitroaniline	15.728	138	78	2.144	ng	92
65) 4,6-Dinitro-2-methylph...	15.645	198	14	4.605	ng	# 1

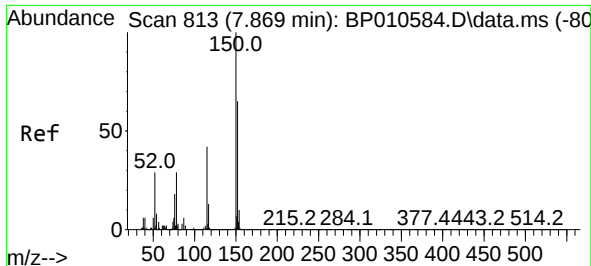
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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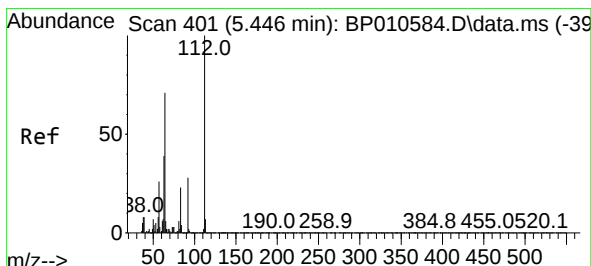
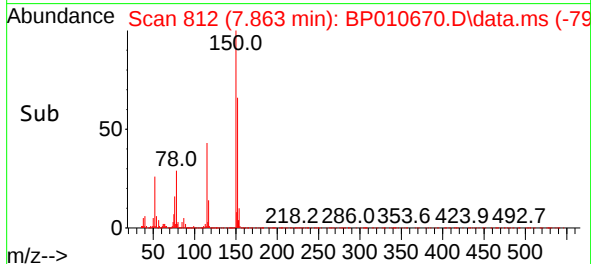
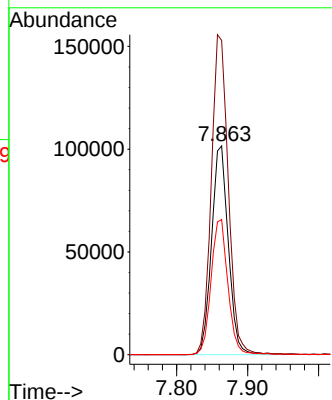
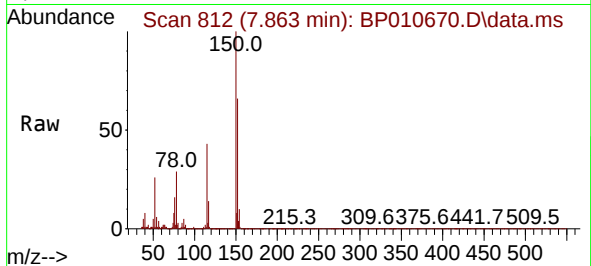




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

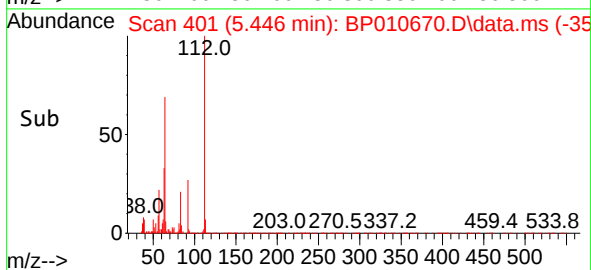
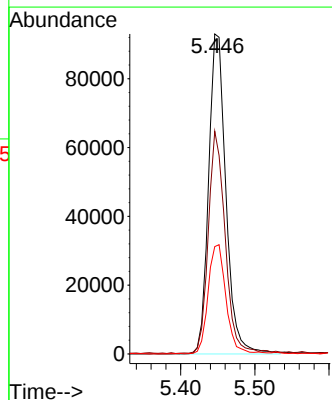
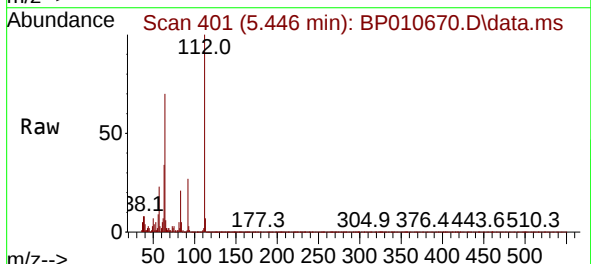
Instrument :
BNA_P
ClientSampleId :
P043-SS001-0006-01

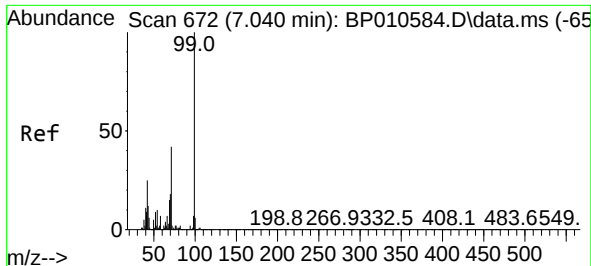
Tgt Ion:152 Resp: 166623
Ion Ratio Lower Upper
152 100
150 150.5 123.4 185.2
115 64.8 51.3 76.9



#5
2-Fluorophenol
Concen: 16.546 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

Tgt Ion:112 Resp: 151119
Ion Ratio Lower Upper
112 100
64 69.6 56.9 85.3
63 33.6 31.2 46.8

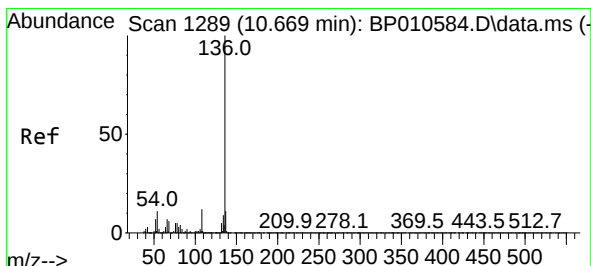
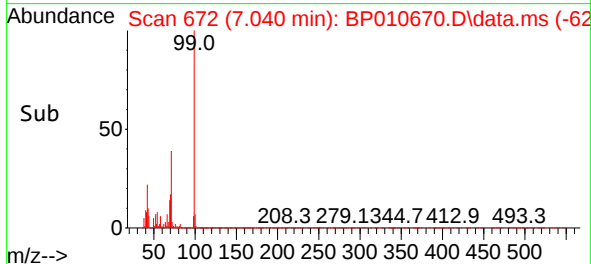
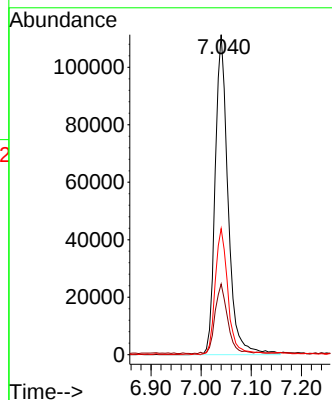
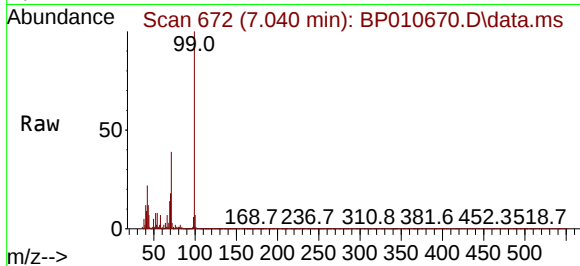




#7
Phenol-d6
Concen: 15.325 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

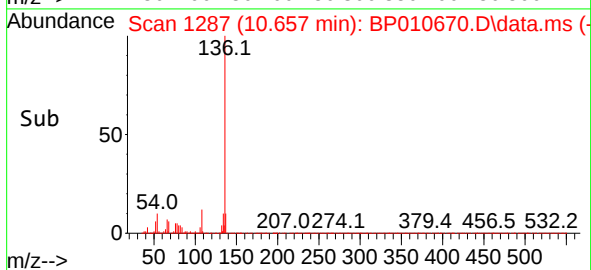
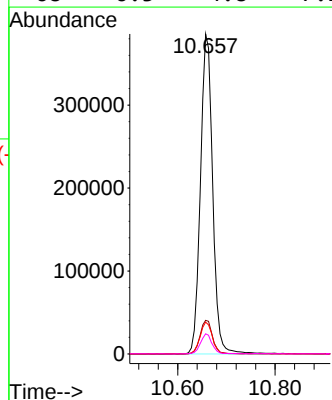
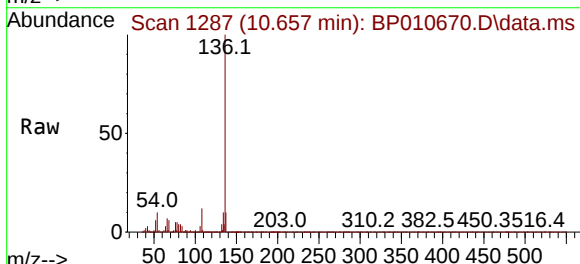
Instrument :
BNA_P
ClientSampleId :
P043-SS001-0006-01

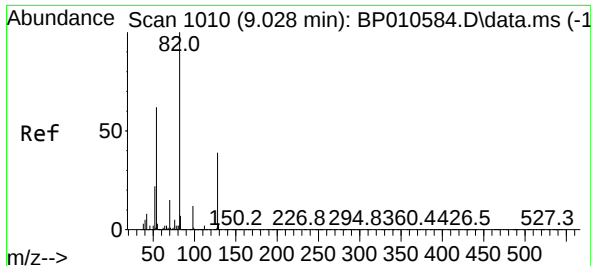
Tgt Ion: 99 Resp: 198710
Ion Ratio Lower Upper
99 100
42 22.1 20.3 30.5
71 39.4 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

Tgt Ion:136 Resp: 674178
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 9.9 8.7 13.1
68 6.3 4.8 7.2

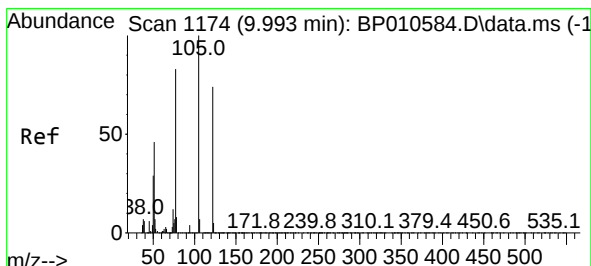
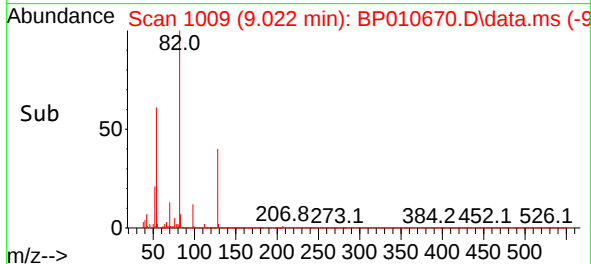
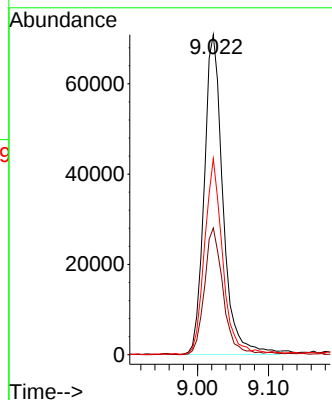
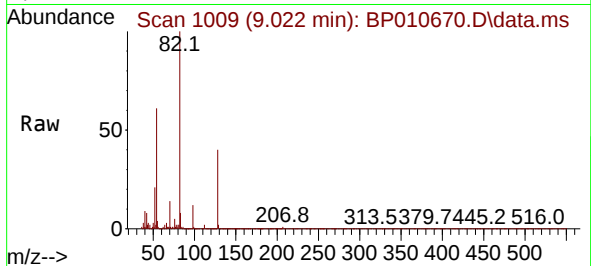




#23
Nitrobenzene-d5
Concen: 9.136 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

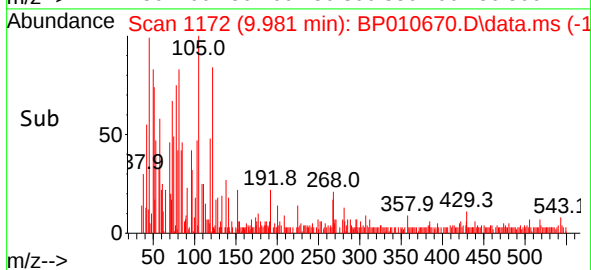
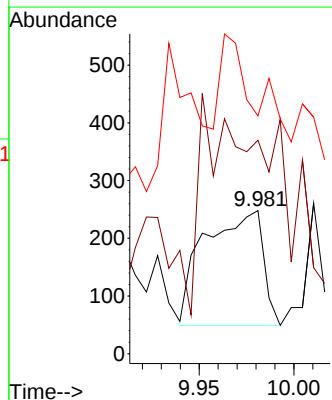
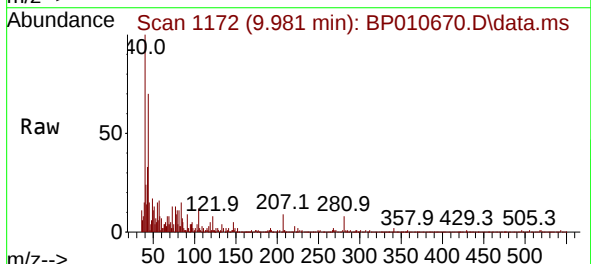
Instrument :
BNA_P
ClientSampleId :
P043-SS001-0006-01

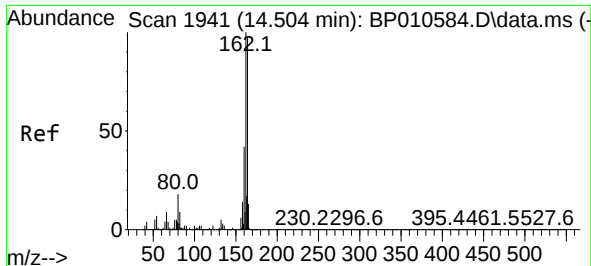
Tgt Ion: 82 Resp: 130280
Ion Ratio Lower Upper
82 100
128 39.6 31.3 46.9
54 61.2 49.8 74.8



#32
Benzoic acid
Concen: 7.382 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

Tgt Ion: 122 Resp: 425
Ion Ratio Lower Upper
122 100
105 149.2 112.6 152.6
77 166.1 90.2 130.2#

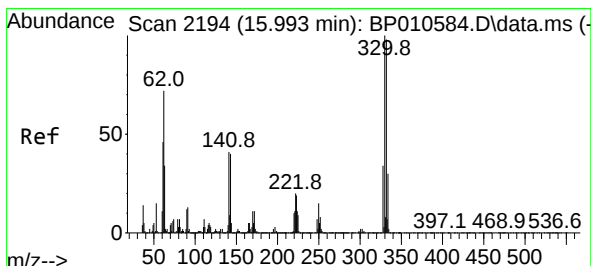
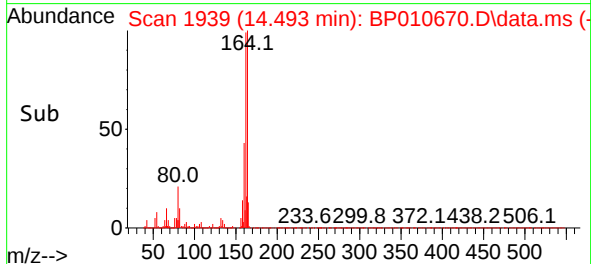
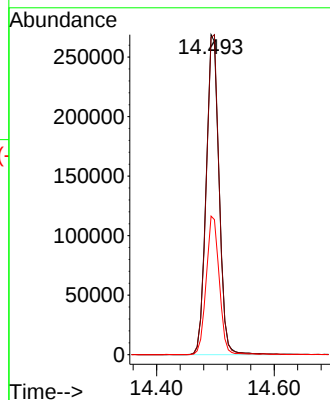
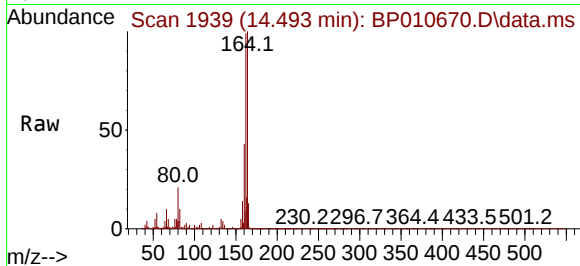




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.011 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

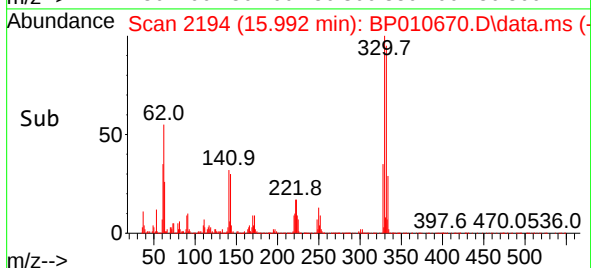
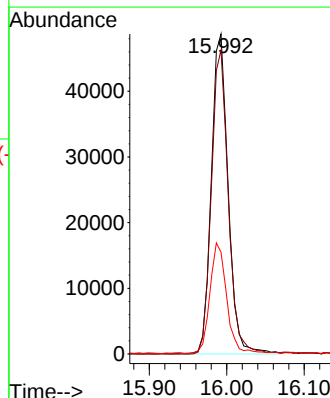
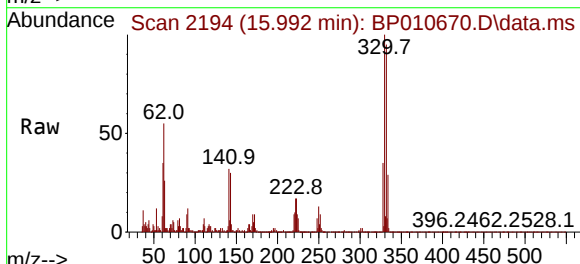
Instrument :
BNA_P
ClientSampleId :
P043-SS001-0006-01

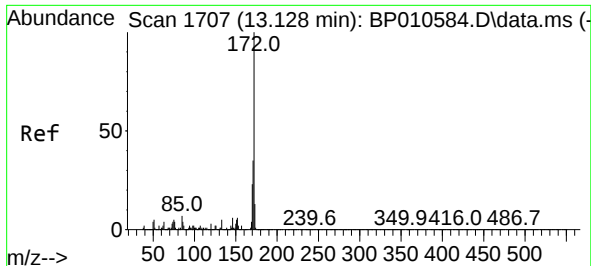
Tgt Ion:164 Resp: 408222
Ion Ratio Lower Upper
164 100
162 99.1 81.9 122.9
160 43.3 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 15.858 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

Tgt Ion:330 Resp: 73279
Ion Ratio Lower Upper
330 100
332 95.2 78.1 117.1
141 34.3 31.4 47.2

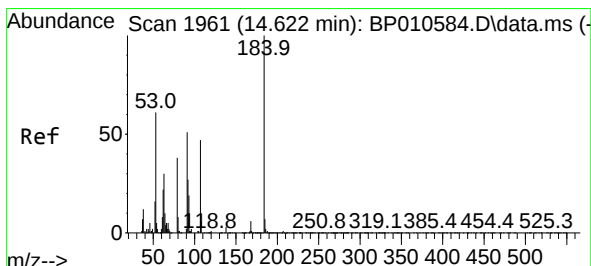
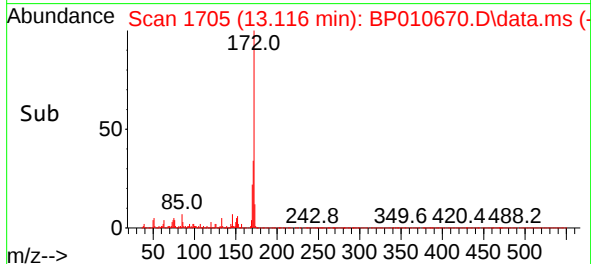
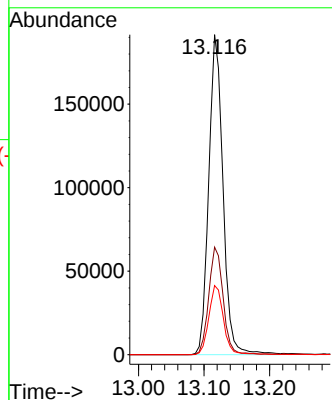
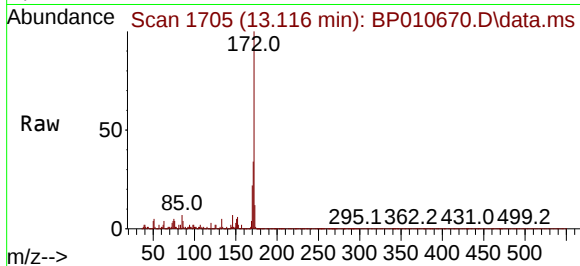




#45
2-Fluorobiphenyl
Concen: 10.102 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

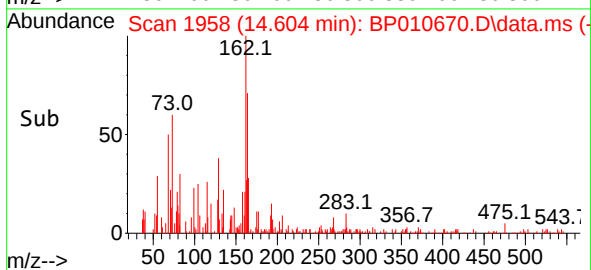
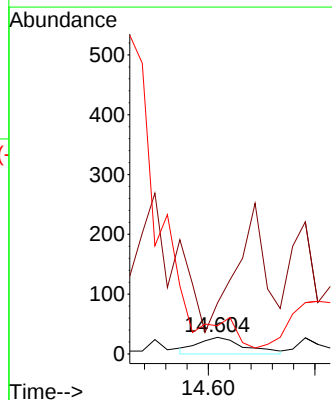
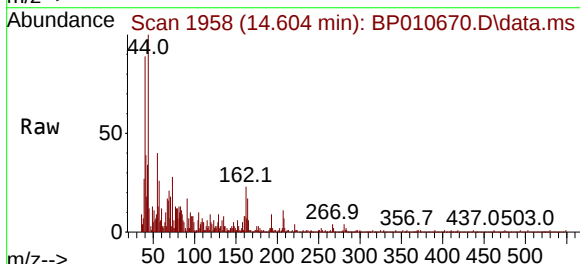
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P043-SS001-0006-01

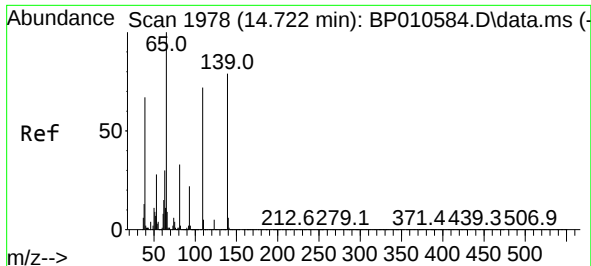
Tgt Ion:172 Resp: 290563
Ion Ratio Lower Upper
172 100
171 33.6 27.9 41.9
170 21.6 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.656 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.018 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

Tgt Ion:184 Resp: 43
Ion Ratio Lower Upper
184 100
63 303.6 65.4 98.2#
154 167.9 55.4 83.2#

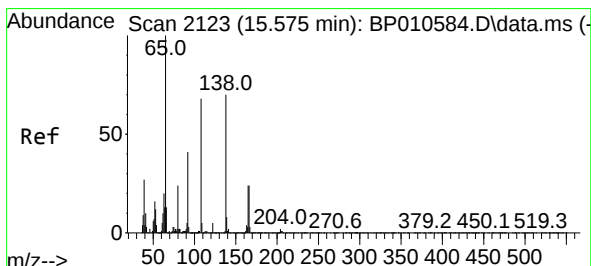
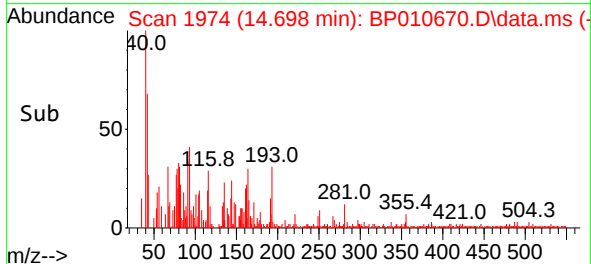
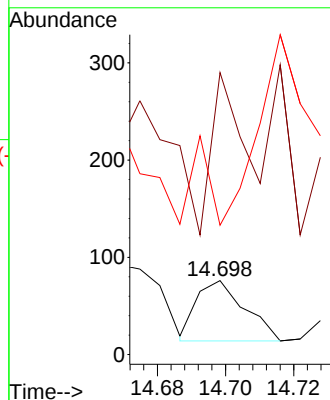
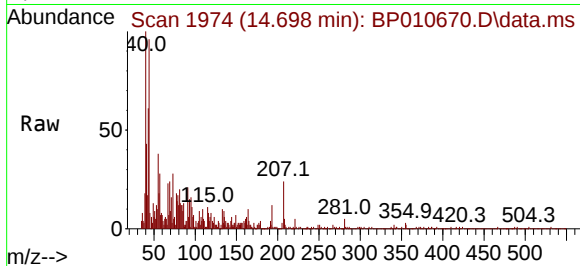




#56
4-Nitrophenol
Concen: 3.608 ng
RT: 14.698 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

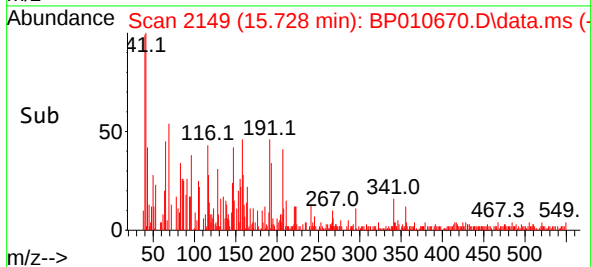
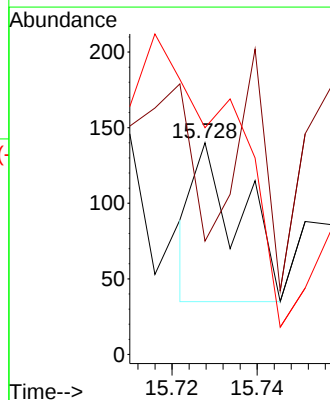
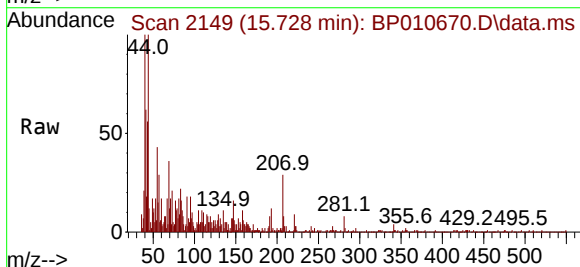
Instrument :
BNA_P
ClientSampleId :
P043-SS001-0006-01

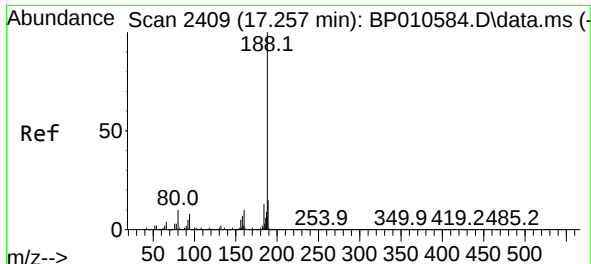
Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 381.6 70.6 110.6#
65 175.0 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.144 ng
RT: 15.728 min Scan# 2149
Delta R.T. 0.153 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

Tgt Ion:138 Resp: 78
Ion Ratio Lower Upper
138 100
92 53.6 38.0 78.0
108 107.1 77.6 117.6

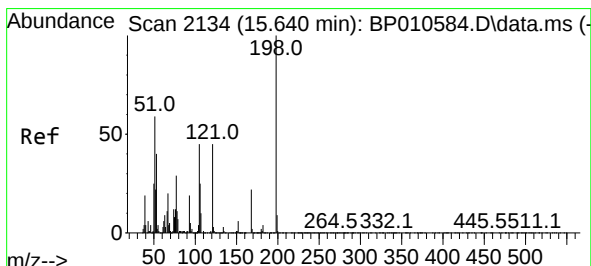
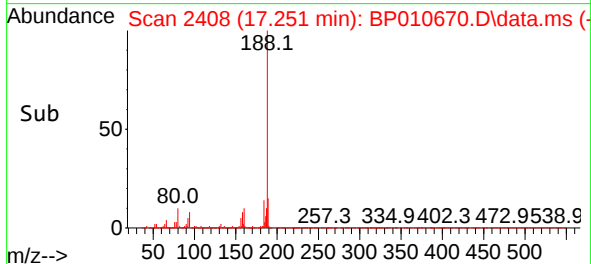
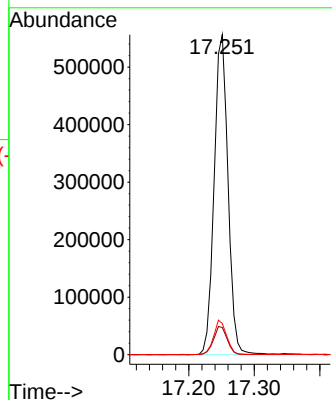
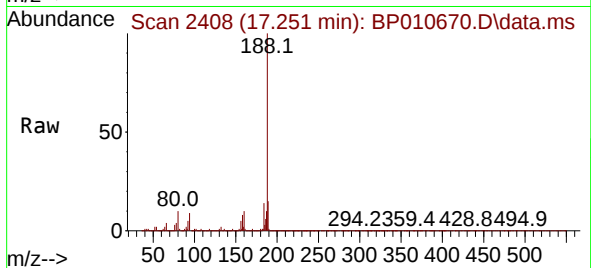




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

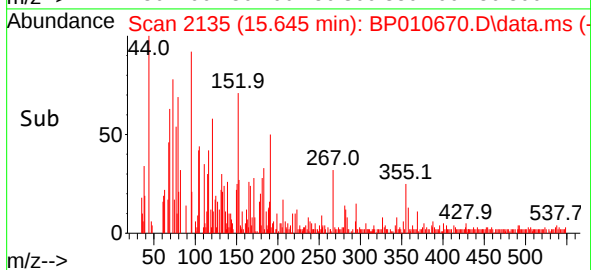
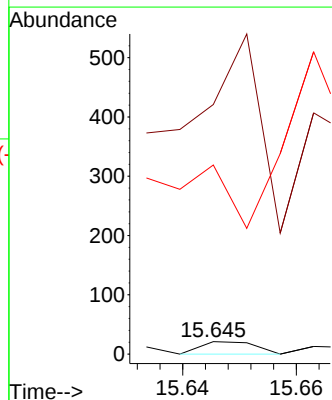
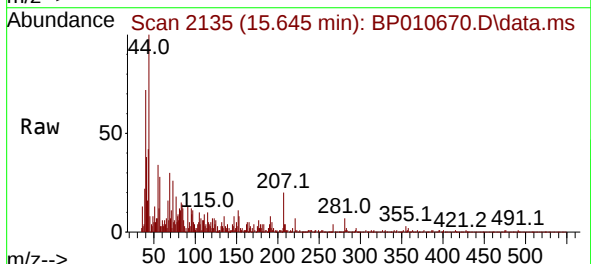
Instrument :
BNA_P
ClientSampleId :
P043-SS001-0006-01

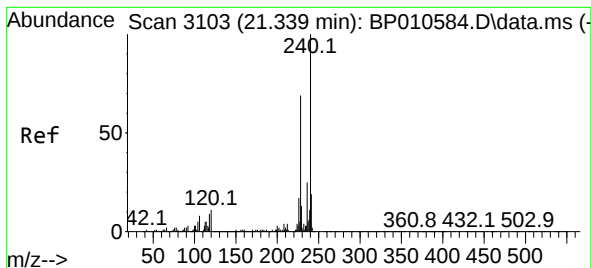
Tgt Ion:188 Resp: 815591
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.8 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.605 ng
RT: 15.645 min Scan# 2135
Delta R.T. 0.005 min
Lab File: BP010670.D
Acq: 02 Jun 2022 14:32

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 2004.8 41.2 81.2#
105 1519.0 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: BP010670.D

Acq: 02 Jun 2022 14:32

Instrument :

BNA_P

ClientSampleId :

P043-SS001-0006-01

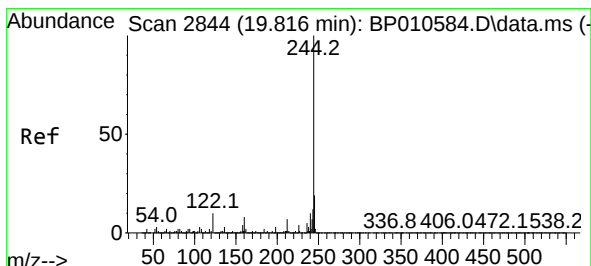
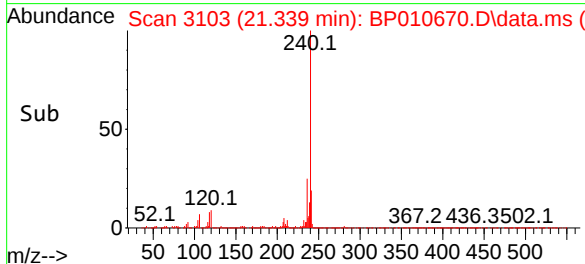
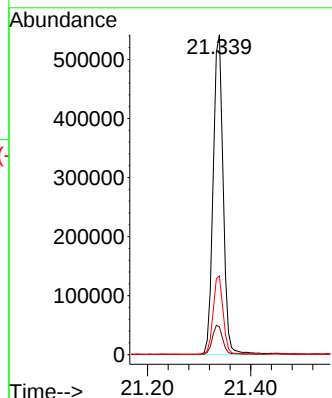
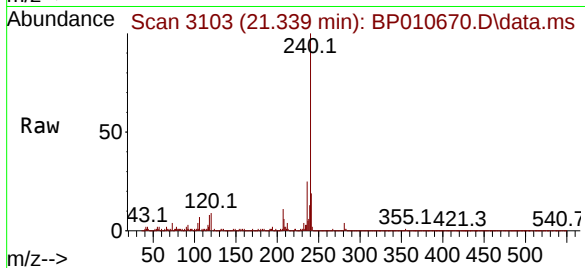
Tgt Ion:240 Resp: 731179

Ion Ratio Lower Upper

240 100

120 8.7 8.6 12.8

236 24.6 19.8 29.6



#79

Terphenyl-d14

Concen: 10.576 ng

RT: 19.804 min Scan# 2842

Delta R.T. -0.012 min

Lab File: BP010670.D

Acq: 02 Jun 2022 14:32

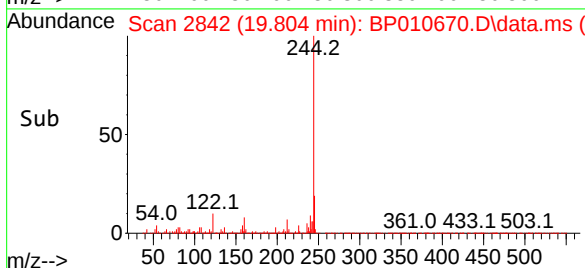
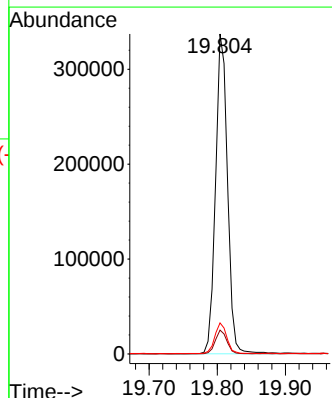
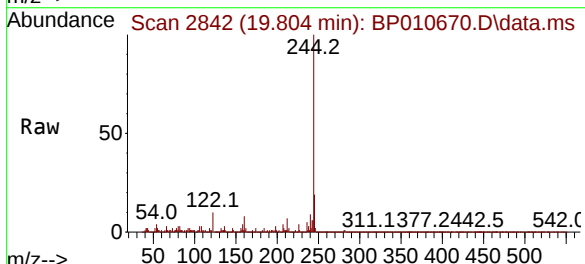
Tgt Ion:244 Resp: 411689

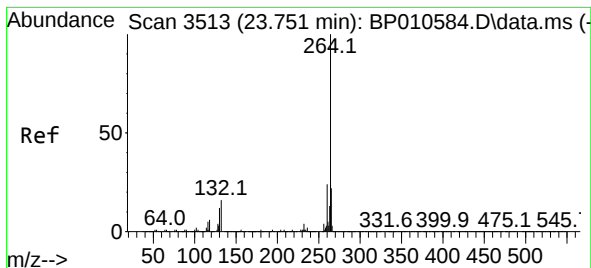
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 9.7 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP010670.D

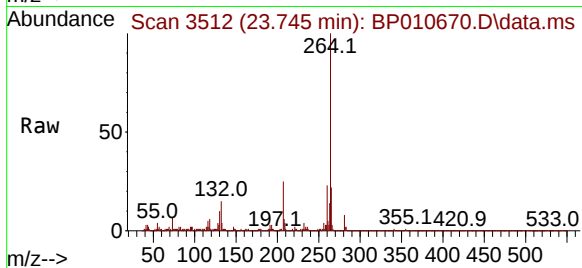
Acq: 02 Jun 2022 14:32

Instrument :

BNA_P

ClientSampleId :

P043-SS001-0006-01



Tgt Ion:264 Resp: 739417

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.9 18.0 27.0

