

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010667.D
 Acq On : 02 Jun 2022 12:50
 Operator : CG/JU
 Sample : N2953-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P043-SS001-2430-01

Quant Time: Jun 03 15:43:37 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)

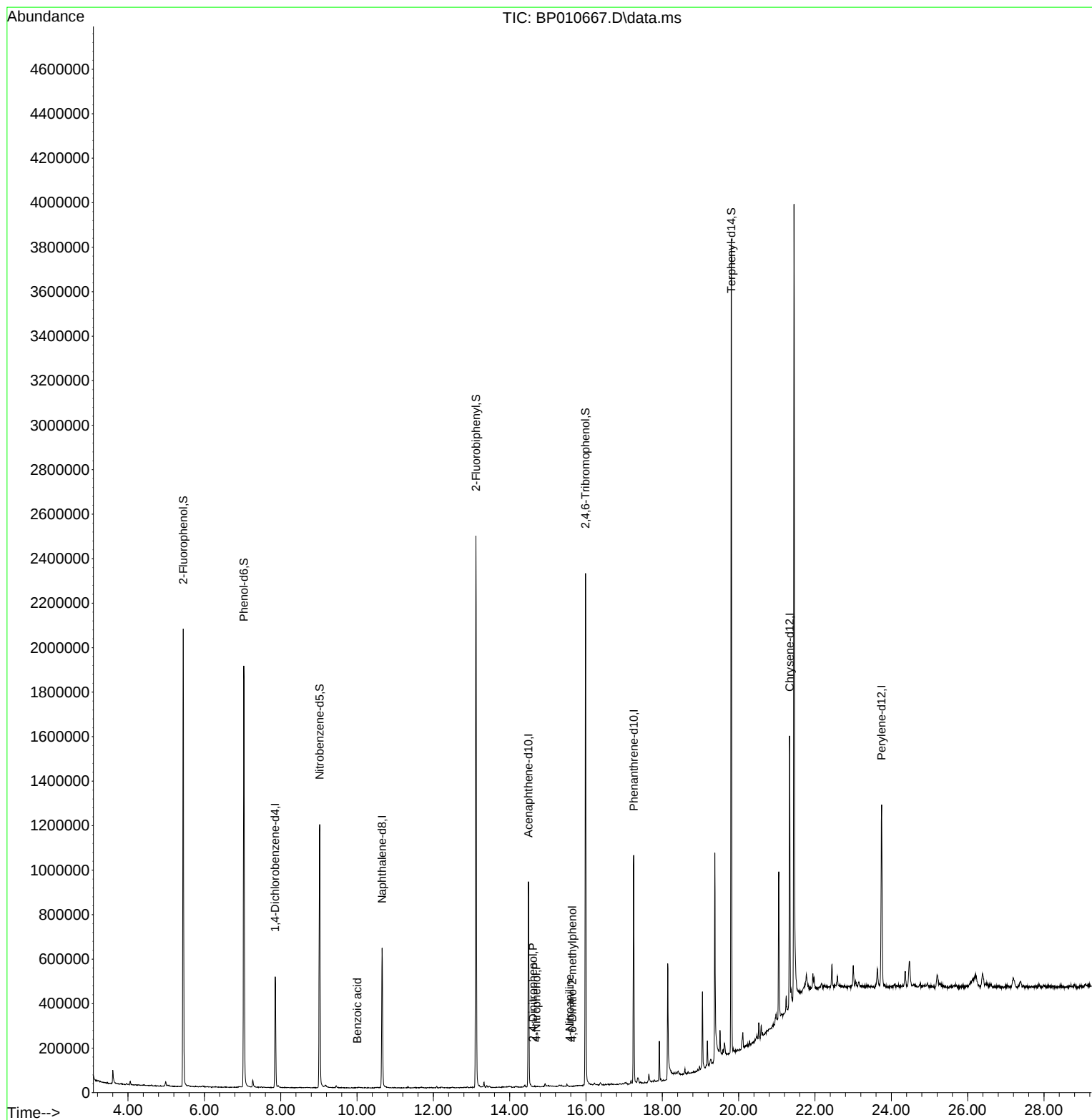
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	128104	20.000	ng	-0.01
21) Naphthalene-d8	10.657	136	513765	20.000	ng	-0.01
39) Acenaphthene-d10	14.492	164	314820	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	622439	20.000	ng	0.00
76) Chrysene-d12	21.333	240	591483	20.000	ng	0.00
86) Perylene-d12	23.745	264	624007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	774177	110.249	ng	0.00
7) Phenol-d6	7.034	99	1026498	102.970	ng	0.00
23) Nitrobenzene-d5	9.022	82	698836	64.309	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	409001	114.771	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1247889	56.256	ng	-0.01
79) Terphenyl-d14	19.809	244	1781968	56.588	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	10.004	122	120	7.345	ng	# 1
54) 2,4-Dinitrophenol	14.610	184	13	6.650	ng	# 1
56) 4-Nitrophenol	14.698	139	14	3.600	ng	# 1
62) 4-Nitroaniline	15.574	138	38	2.140	ng	# 75
65) 4,6-Dinitro-2-methylph...	15.639	198	20	4.607	ng	# 1

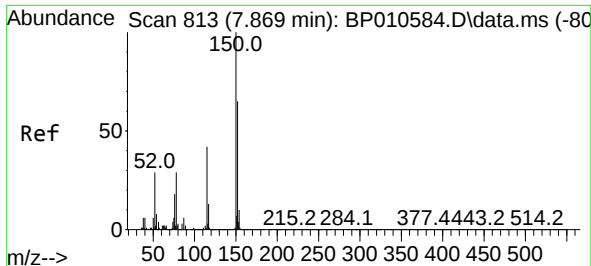
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

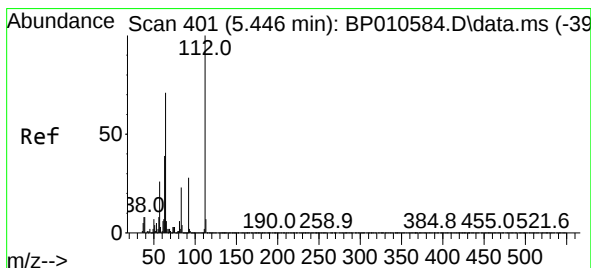
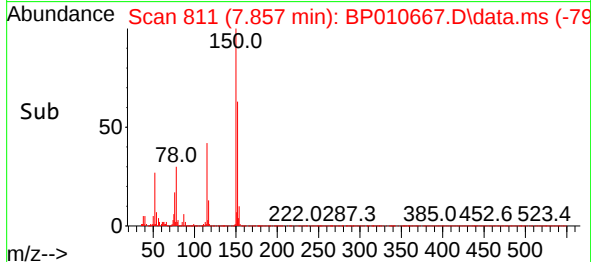
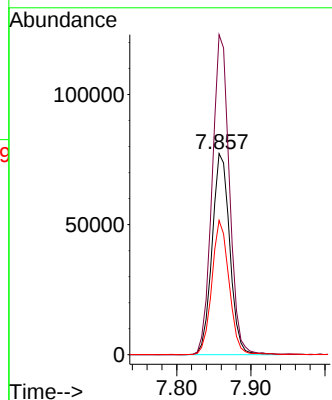
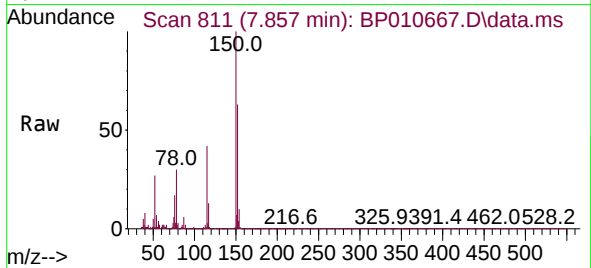




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP010667.D
Acq: 02 Jun 2022 12:50

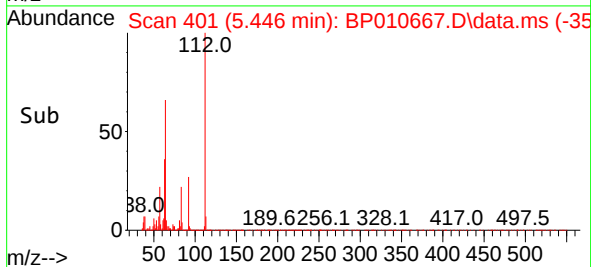
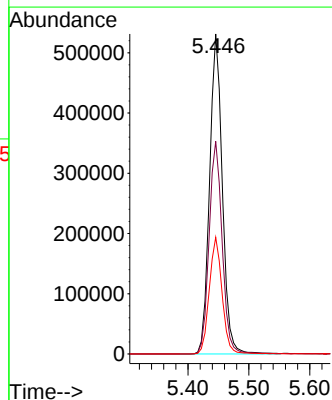
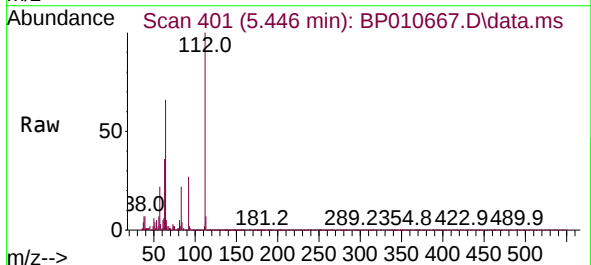
Instrument :
BNA_P
ClientSampleId :
P043-SS001-2430-01

Tgt Ion:152 Resp: 128104
Ion Ratio Lower Upper
152 100
150 159.0 123.4 185.2
115 66.7 51.3 76.9



#5
2-Fluorophenol
Concen: 110.249 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010667.D
Acq: 02 Jun 2022 12:50

Tgt Ion:112 Resp: 774177
Ion Ratio Lower Upper
112 100
64 66.5 56.9 85.3
63 36.5 31.2 46.8

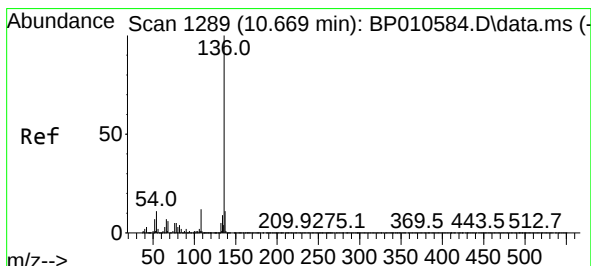
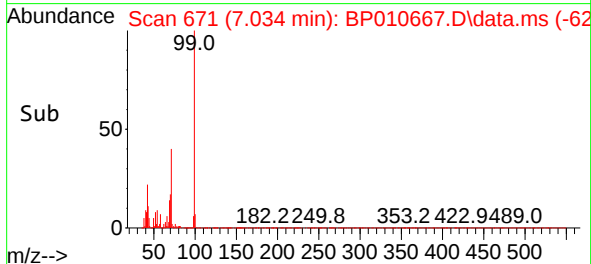
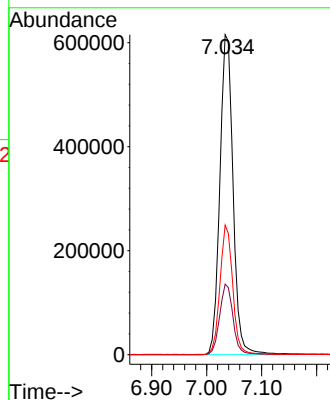
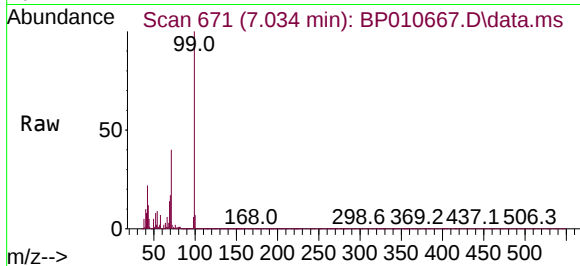




#7
Phenol-d6
Concen: 102.970 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010667.D
Acq: 02 Jun 2022 12:50

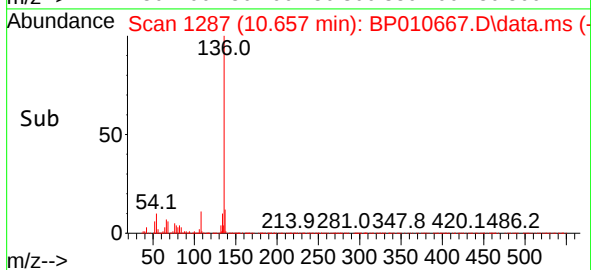
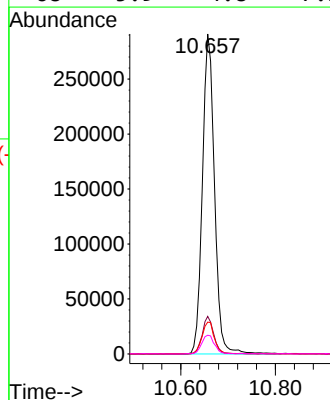
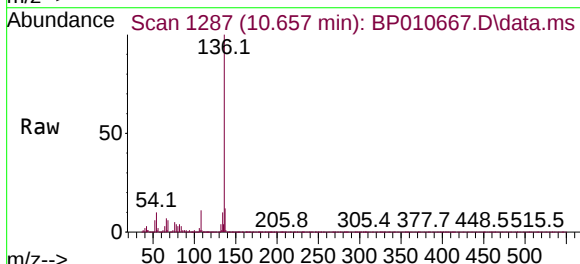
Instrument :
BNA_P
ClientSampleId :
P043-SS001-2430-01

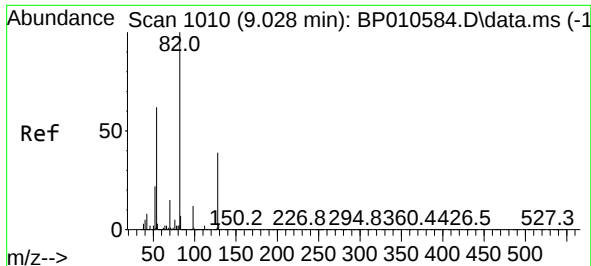
Tgt Ion: 99 Resp: 1026498
Ion Ratio Lower Upper
99 100
42 22.1 20.3 30.5
71 40.5 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP010667.D
Acq: 02 Jun 2022 12:50

Tgt Ion:136 Resp: 513765
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 9.9 8.7 13.1
68 5.9 4.8 7.2

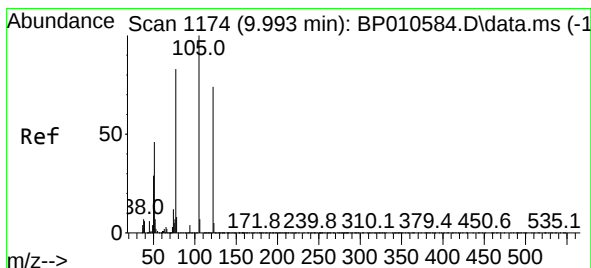
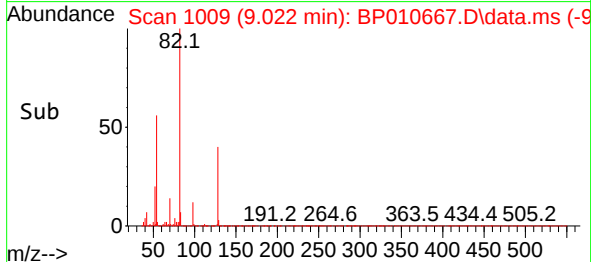
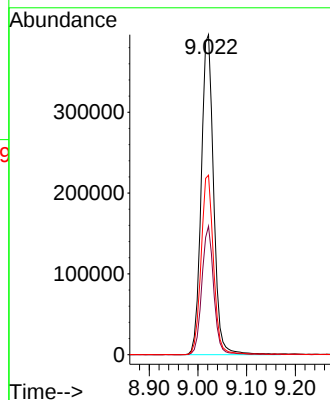
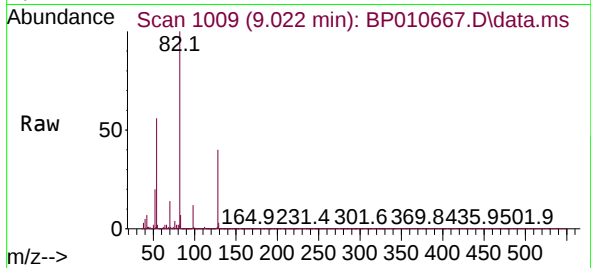




#23
Nitrobenzene-d5
Concen: 64.309 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP010667.D
Acq: 02 Jun 2022 12:50

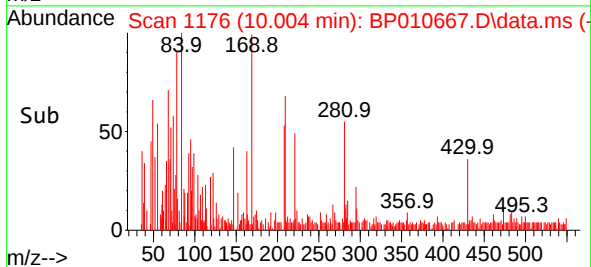
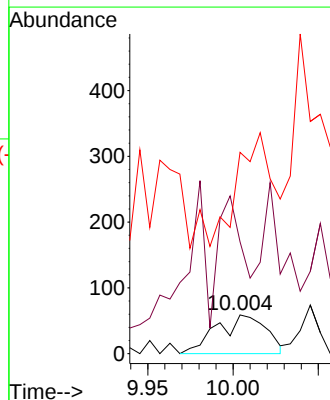
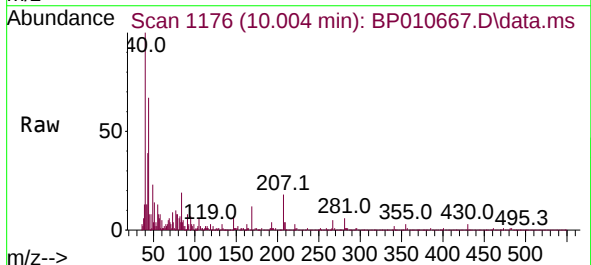
Instrument :
BNA_P
ClientSampleId :
P043-SS001-2430-01

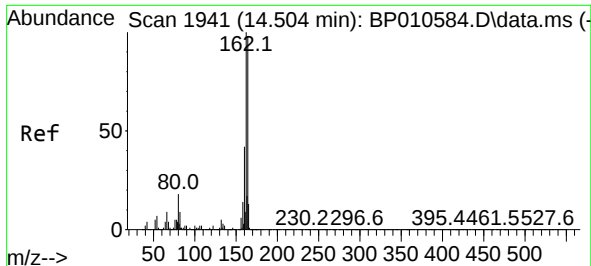
Tgt Ion: 82 Resp: 698836
Ion Ratio Lower Upper
82 100
128 40.2 31.3 46.9
54 56.1 49.8 74.8



#32
Benzoic acid
Concen: 7.345 ng
RT: 10.004 min Scan# 1176
Delta R.T. 0.011 min
Lab File: BP010667.D
Acq: 02 Jun 2022 12:50

Tgt Ion: 122 Resp: 120
Ion Ratio Lower Upper
122 100
105 288.1 112.6 152.6#
77 518.6 90.2 130.2#

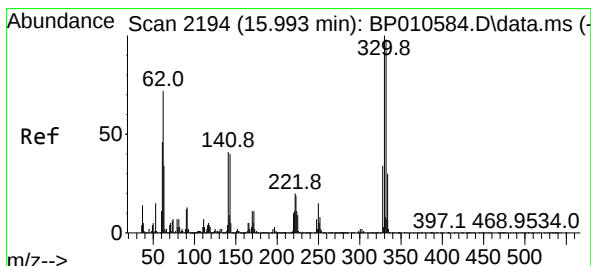
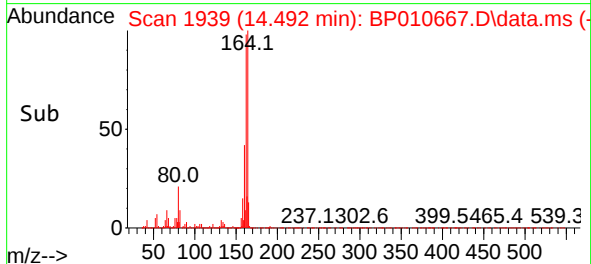
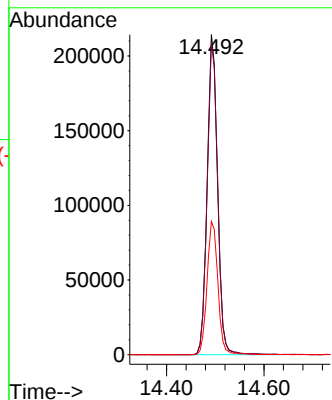
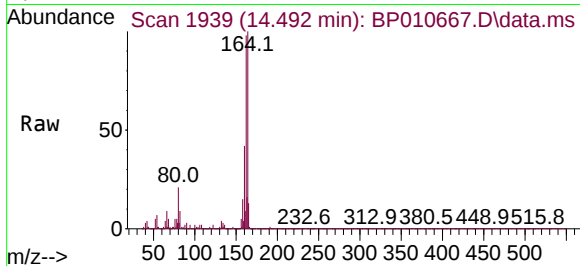




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BP010667.D
Acq: 02 Jun 2022 12:50

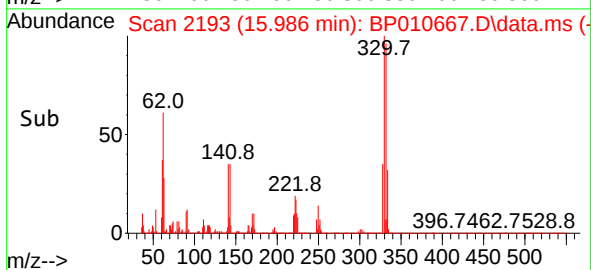
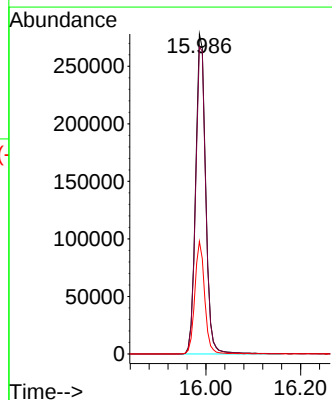
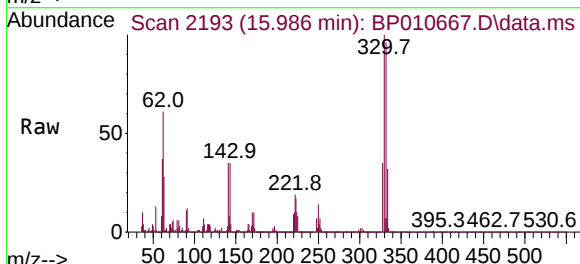
Instrument :
BNA_P
ClientSampleId :
P043-SS001-2430-01

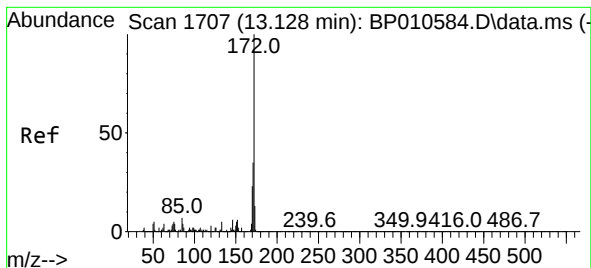
Tgt Ion:164 Resp: 314820
Ion Ratio Lower Upper
164 100
162 97.6 81.9 122.9
160 41.6 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 114.771 ng
RT: 15.986 min Scan# 2193
Delta R.T. -0.007 min
Lab File: BP010667.D
Acq: 02 Jun 2022 12:50

Tgt Ion:330 Resp: 409001
Ion Ratio Lower Upper
330 100
332 97.1 78.1 117.1
141 34.4 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 56.256 ng

RT: 13.116 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP010667.D

Acq: 02 Jun 2022 12:50

Instrument :

BNA_P

ClientSampleId :

P043-SS001-2430-01

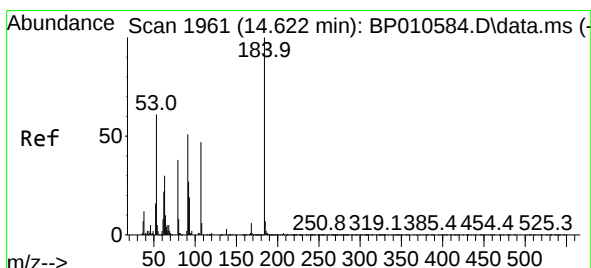
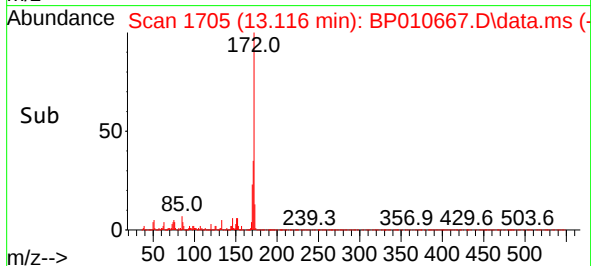
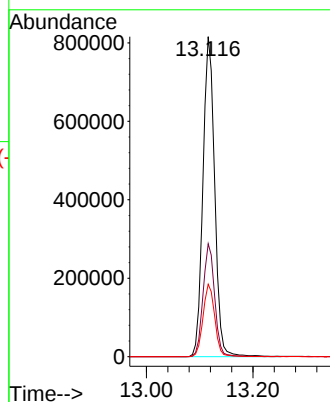
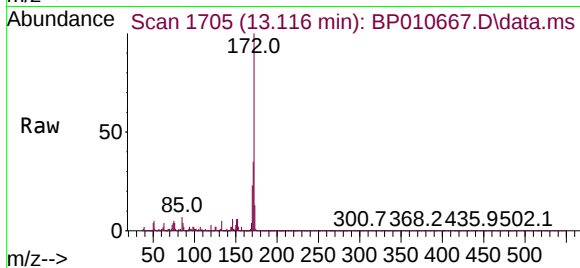
Tgt Ion:172 Resp: 1247889

Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 22.6 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.650 ng

RT: 14.610 min Scan# 1959

Delta R.T. -0.012 min

Lab File: BP010667.D

Acq: 02 Jun 2022 12:50

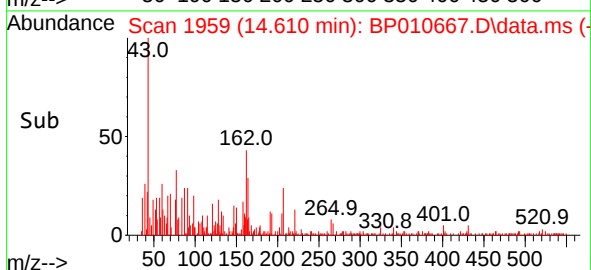
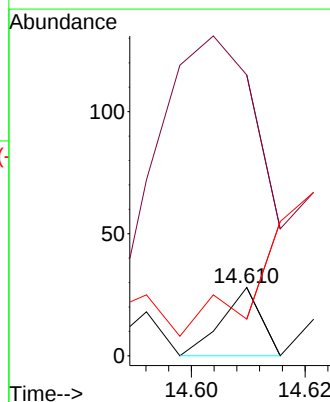
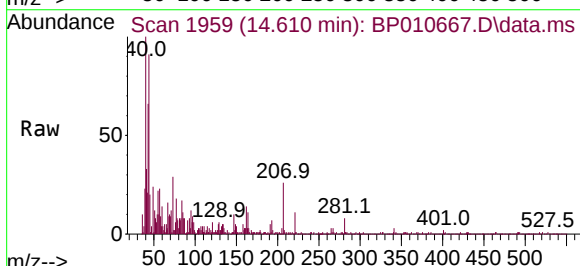
Tgt Ion:184 Resp: 13

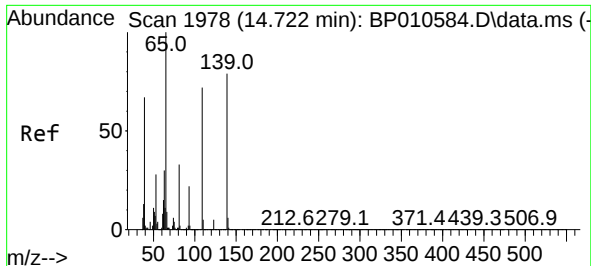
Ion Ratio Lower Upper

184 100

63 410.7 65.4 98.2#

154 53.6 55.4 83.2#

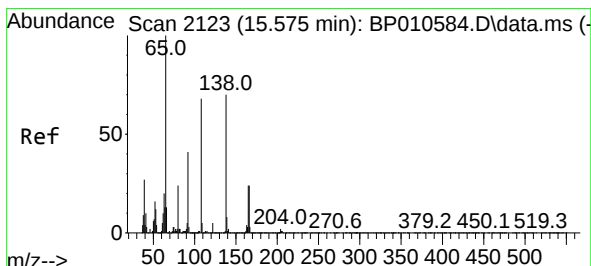
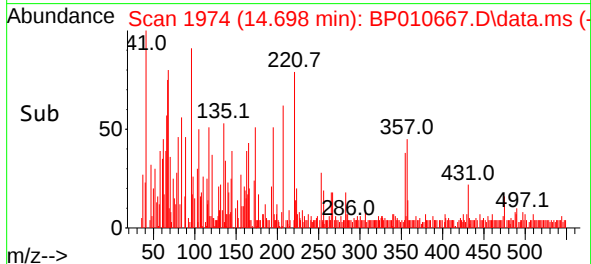
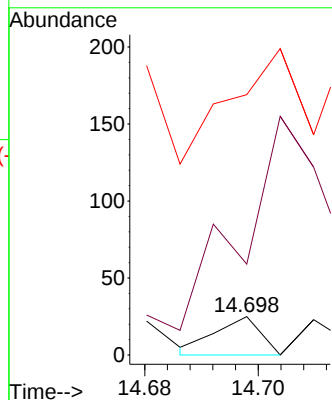
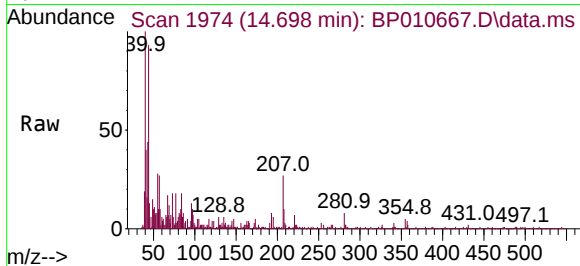




#56
4-Nitrophenol
Concen: 3.600 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.024 min
Lab File: BP010667.D
Acq: 02 Jun 2022 12:50

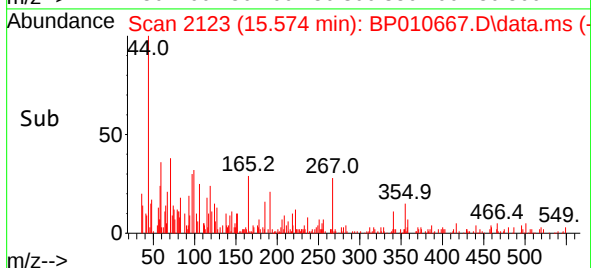
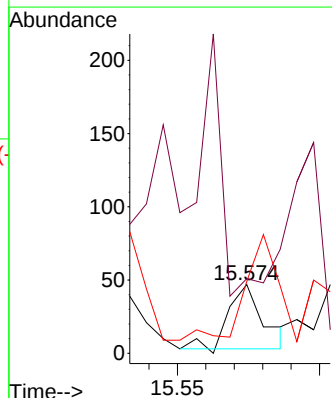
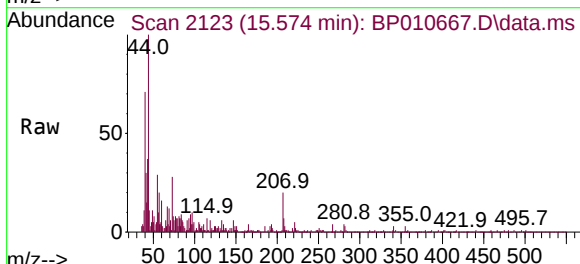
Instrument :
BNA_P
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P043-SS001-2430-01

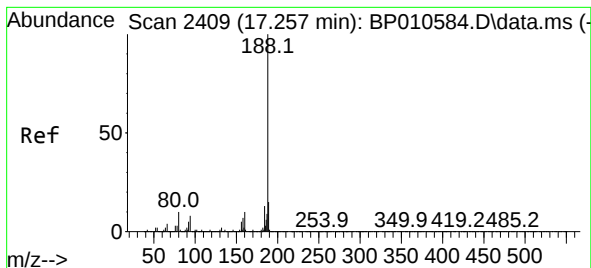
Tgt Ion:139 Resp: 14
Ion Ratio Lower Upper
139 100
109 236.0 70.6 110.6#
65 676.0 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.140 ng
RT: 15.574 min Scan# 2123
Delta R.T. -0.001 min
Lab File: BP010667.D
Acq: 02 Jun 2022 12:50

Tgt Ion:138 Resp: 38
Ion Ratio Lower Upper
138 100
92 76.1 38.0 78.0
108 73.1 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: BP010667.D

Acq: 02 Jun 2022 12:50

Instrument :

BNA_P

ClientSampleId :

P043-SS001-2430-01

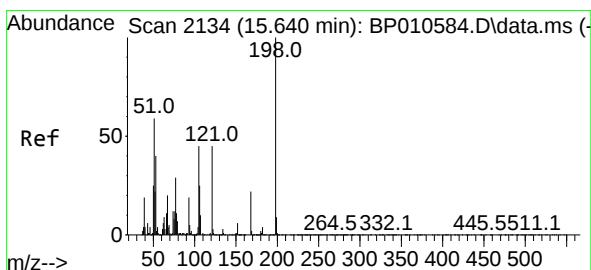
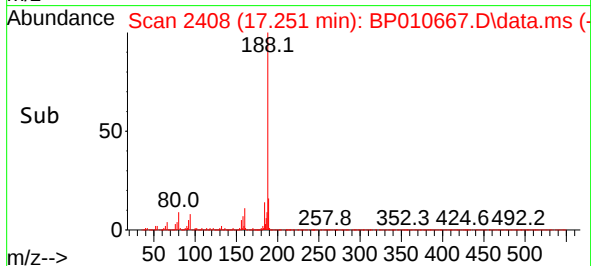
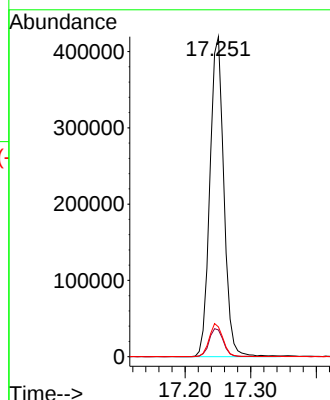
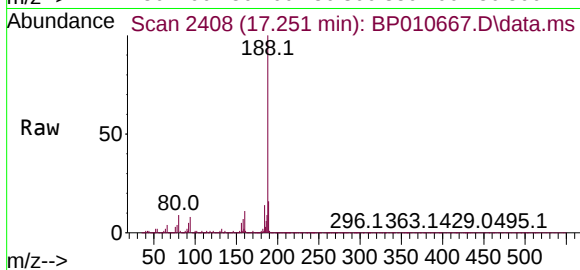
Tgt Ion:188 Resp: 622439

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.3 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.607 ng

RT: 15.639 min Scan# 2134

Delta R.T. -0.001 min

Lab File: BP010667.D

Acq: 02 Jun 2022 12:50

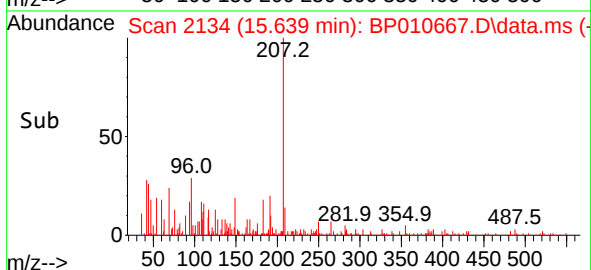
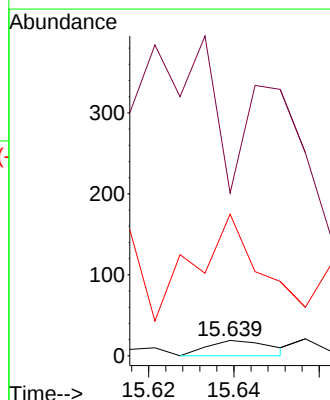
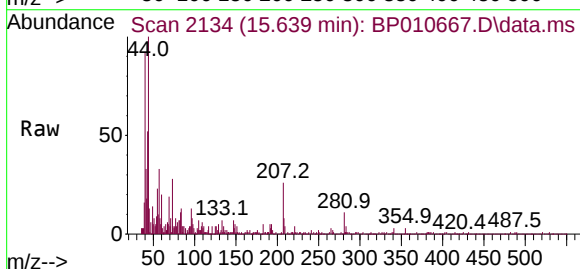
Tgt Ion:198 Resp: 20

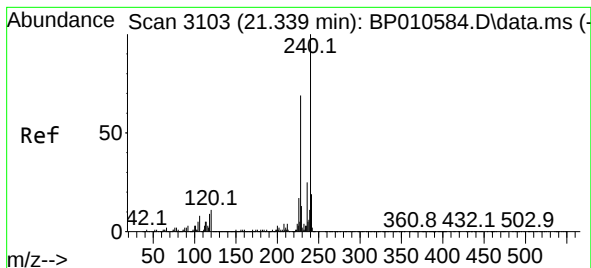
Ion Ratio Lower Upper

198 100

51 1057.9 41.2 81.2#

105 1189.5 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP010667.D

Acq: 02 Jun 2022 12:50

Instrument :

BNA_P

ClientSampleId :

P043-SS001-2430-01

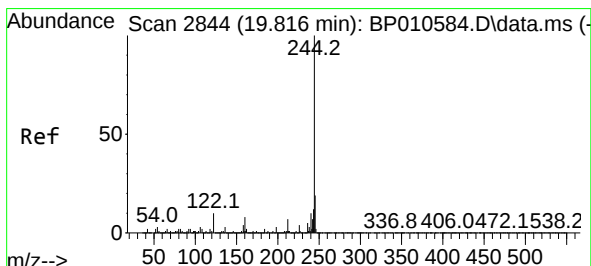
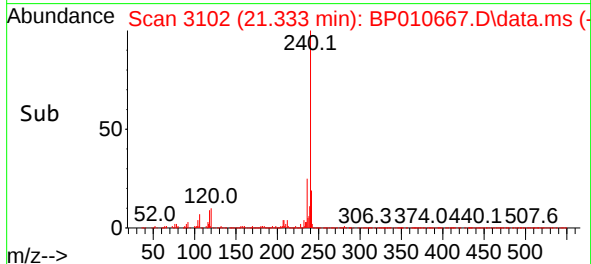
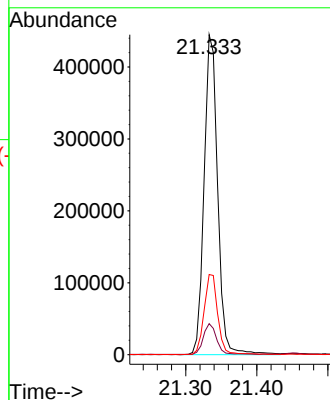
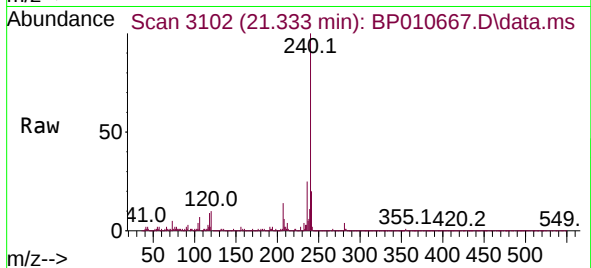
Tgt Ion:240 Resp: 591483

Ion Ratio Lower Upper

240 100

120 9.7 8.6 12.8

236 25.1 19.8 29.6



#79

Terphenyl-d14

Concen: 56.588 ng

RT: 19.809 min Scan# 2843

Delta R.T. -0.007 min

Lab File: BP010667.D

Acq: 02 Jun 2022 12:50

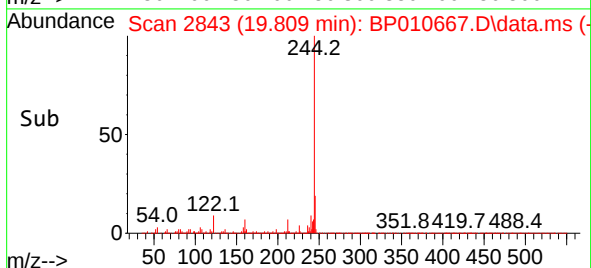
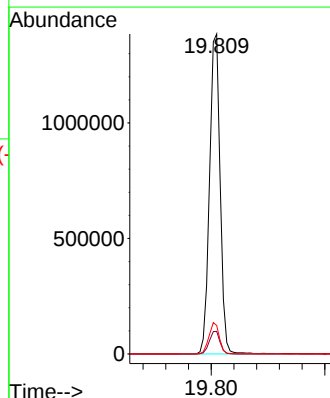
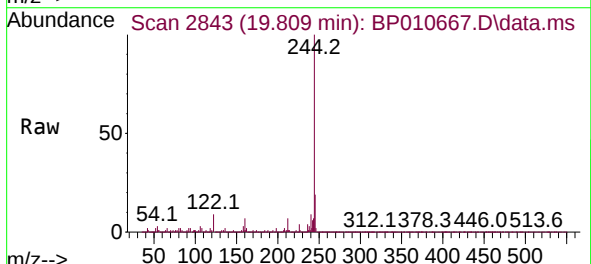
Tgt Ion:244 Resp: 1781968

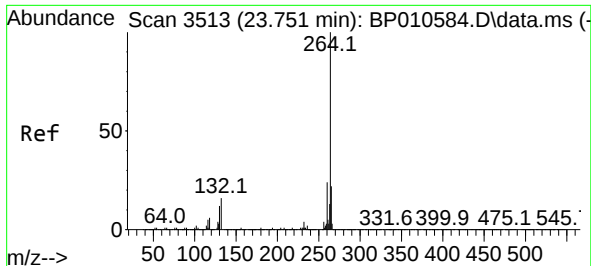
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 8.9 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP010667.D
 Acq: 02 Jun 2022 12:50

Instrument :
 BNA_P
 ClientSampleId :
 P043-SS001-2430-01

Tgt Ion:264 Resp: 624007
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 22.2 18.0 27.0

