

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010617.D
 Acq On : 29 May 2022 14:05
 Operator : CG/JU
 Sample : N2859-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PE-D3

Quant Time: May 30 02:06:06 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)

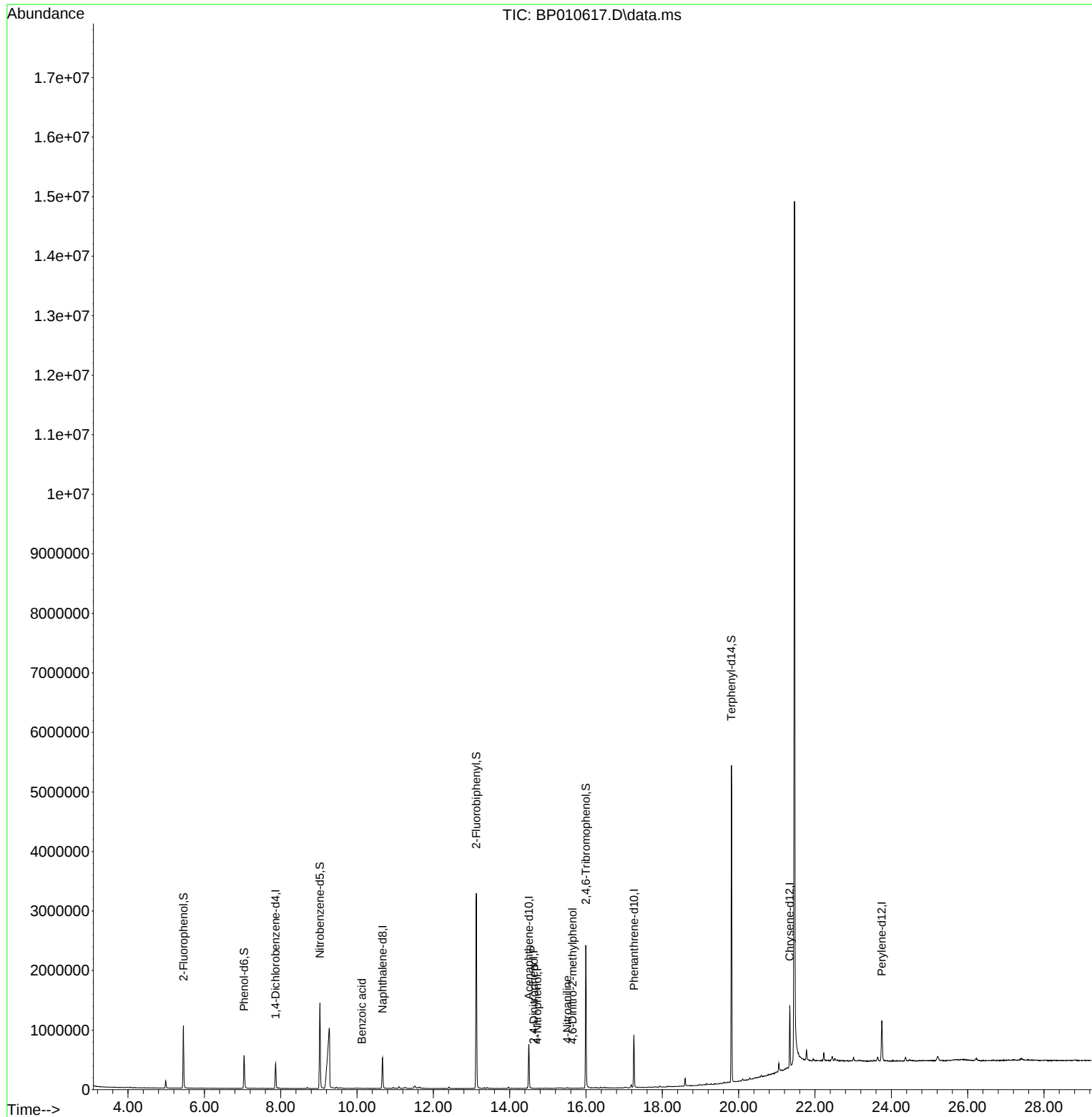
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	110262	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	421975	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	257845	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	532237	20.000	ng	0.00
76) Chrysene-d12	21.339	240	498392	20.000	ng	0.00
86) Perylene-d12	23.751	264	503645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	399850	66.156	ng	0.00
7) Phenol-d6	7.040	99	303855	35.412	ng	0.00
23) Nitrobenzene-d5	9.028	82	819156	91.779	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	426154	146.009	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	1671478	92.002	ng	0.00
79) Terphenyl-d14	19.810	244	2484244	93.625	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.128	122	409	7.414	ng	92
54) 2,4-Dinitrophenol	14.628	184	19	6.653	ng	# 1
56) 4-Nitrophenol	14.722	139	36	3.608	ng	98
62) 4-Nitroaniline	15.510	138	4	2.134	ng	92
65) 4,6-Dinitro-2-methylph...	15.645	198	28	4.610	ng	# 1

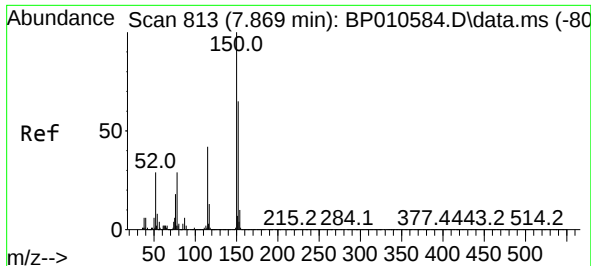
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
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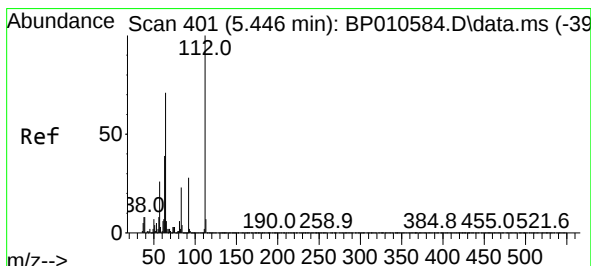
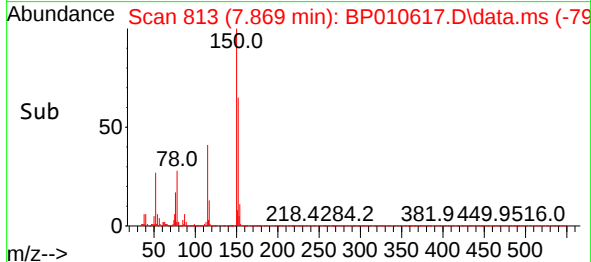
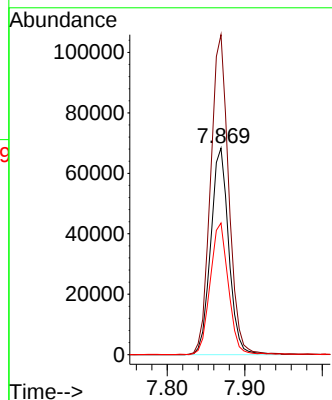
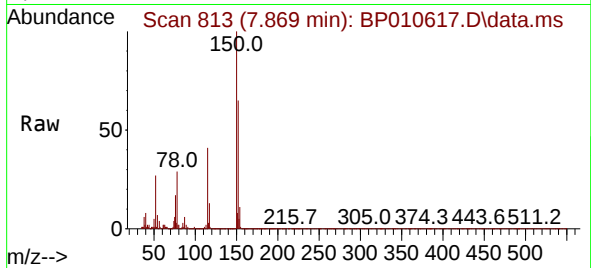




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.869 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: BP010617.D
 Acq: 29 May 2022 14:05

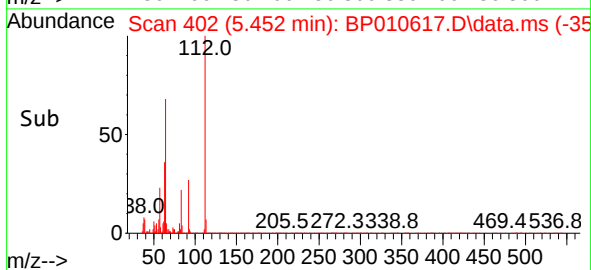
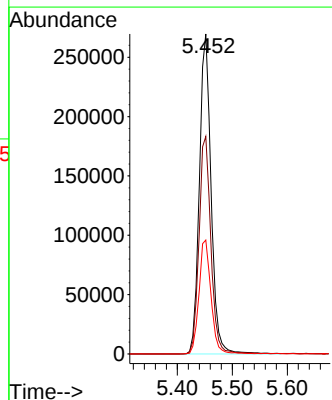
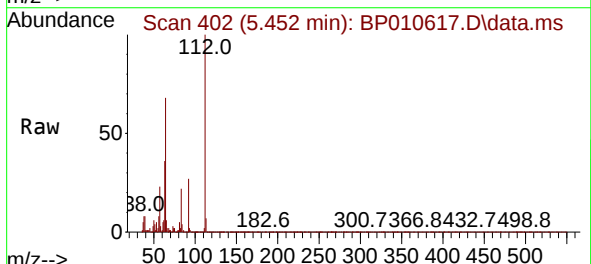
Instrument :
 BNA_P
 ClientSampleId :
 PE-D3

Tgt Ion:152 Resp: 110262
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.4 185.2
 115 63.8 51.3 76.9



#5
 2-Fluorophenol
 Concen: 66.156 ng
 RT: 5.452 min Scan# 402
 Delta R.T. 0.006 min
 Lab File: BP010617.D
 Acq: 29 May 2022 14:05

Tgt Ion:112 Resp: 399850
 Ion Ratio Lower Upper
 112 100
 64 67.9 56.9 85.3
 63 35.6 31.2 46.8

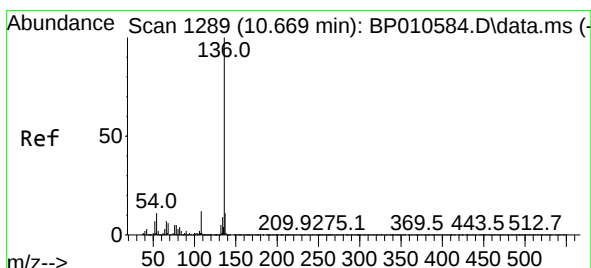
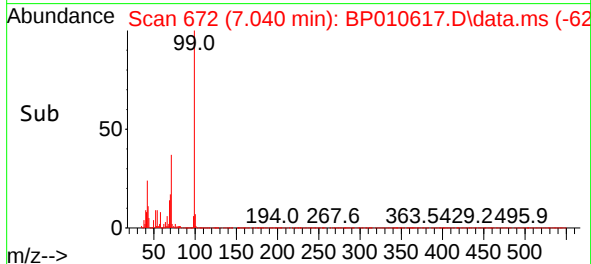
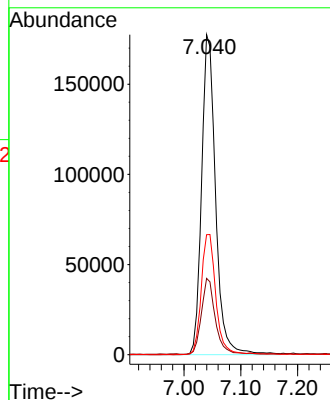
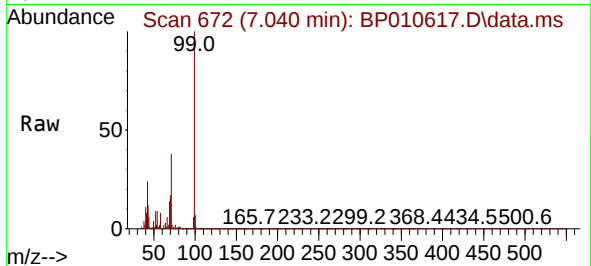




#7
Phenol-d6
Concen: 35.412 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010617.D
Acq: 29 May 2022 14:05

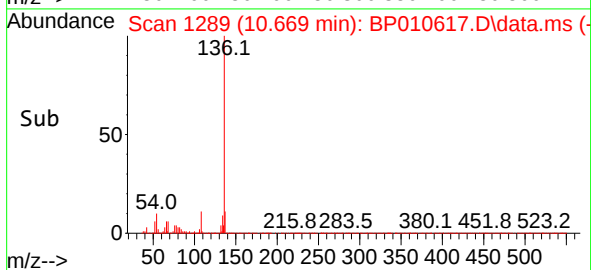
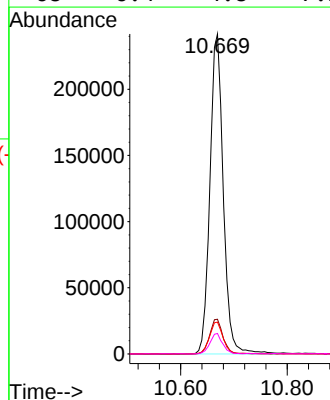
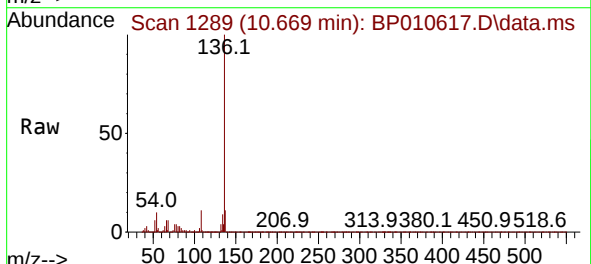
Instrument :
BNA_P
ClientSampleId :
PE-D3

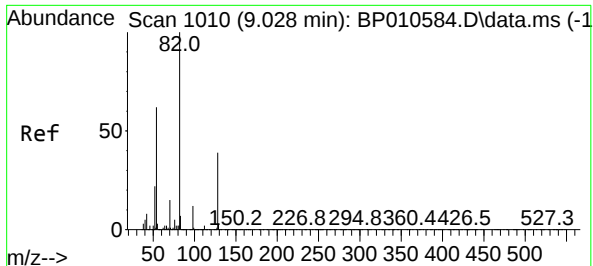
Tgt Ion: 99 Resp: 303855
Ion Ratio Lower Upper
99 100
42 23.9 20.3 30.5
71 37.5 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010617.D
Acq: 29 May 2022 14:05

Tgt Ion:136 Resp: 421975
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.0 8.7 13.1
68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 91.779 ng

RT: 9.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BP010617.D

Acq: 29 May 2022 14:05

Instrument :

BNA_P

ClientSampleId :

PE-D3

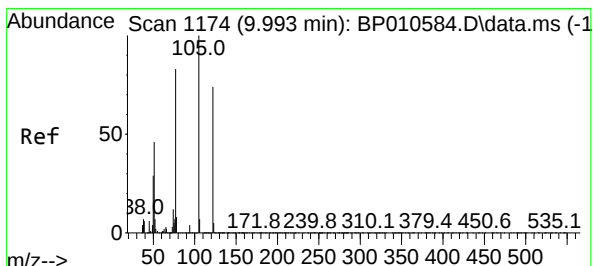
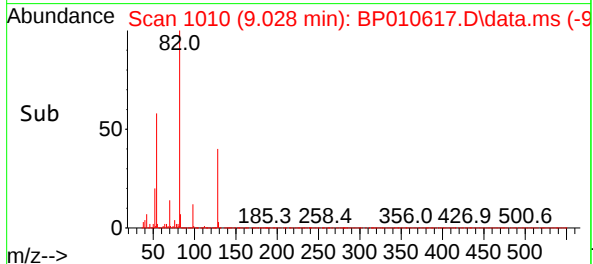
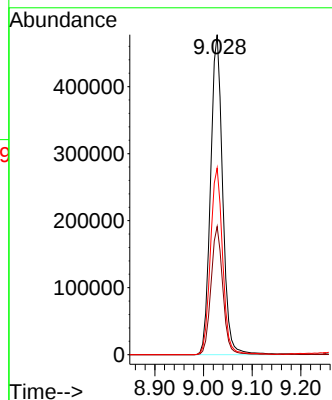
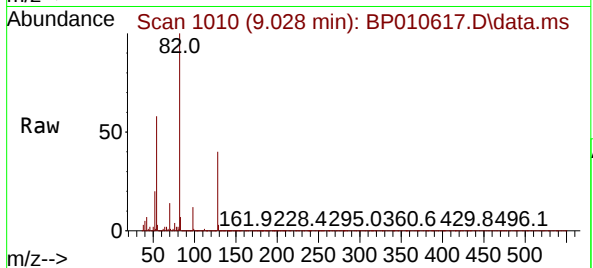
Tgt Ion: 82 Resp: 819156

Ion Ratio Lower Upper

82 100

128 40.0 31.3 46.9

54 58.3 49.8 74.8



#32

Benzoic acid

Concen: 7.414 ng

RT: 10.128 min Scan# 1197

Delta R.T. 0.135 min

Lab File: BP010617.D

Acq: 29 May 2022 14:05

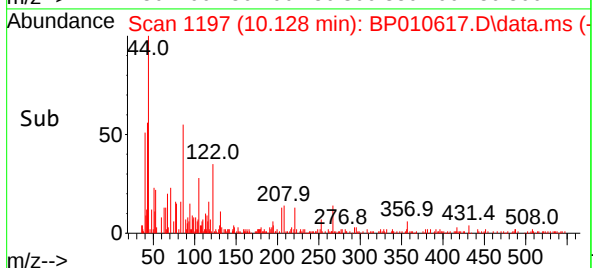
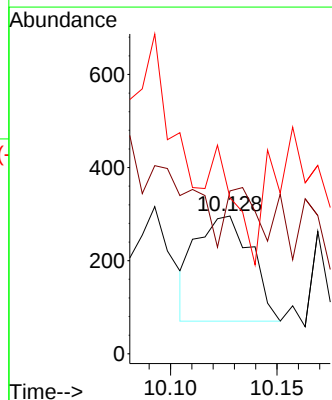
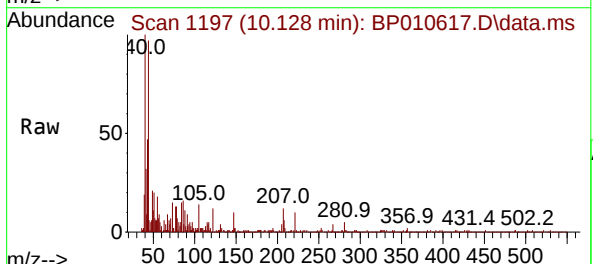
Tgt Ion: 122 Resp: 409

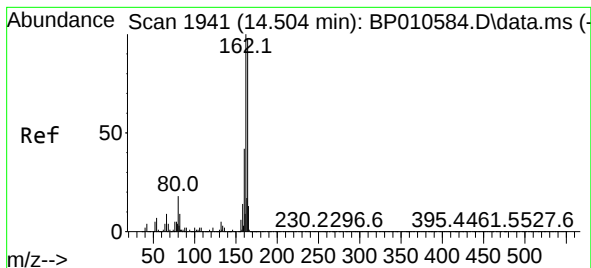
Ion Ratio Lower Upper

122 100

105 118.2 112.6 152.6

77 113.2 90.2 130.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BP010617.D

Acq: 29 May 2022 14:05

Instrument :

BNA_P

ClientSampleId :

PE-D3

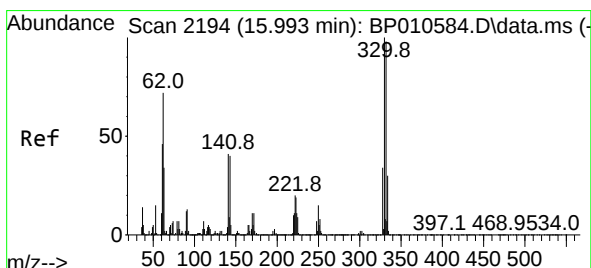
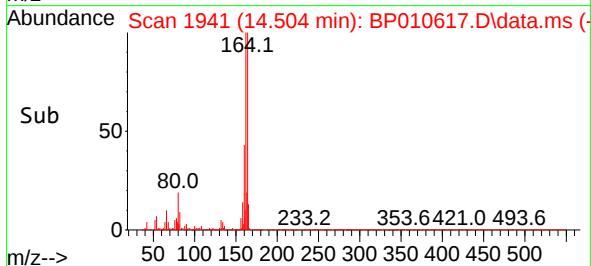
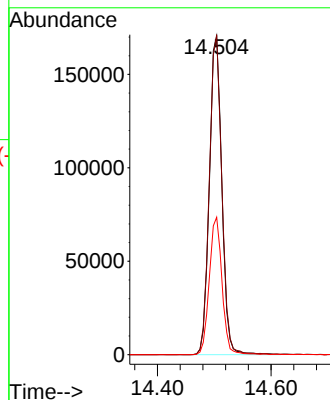
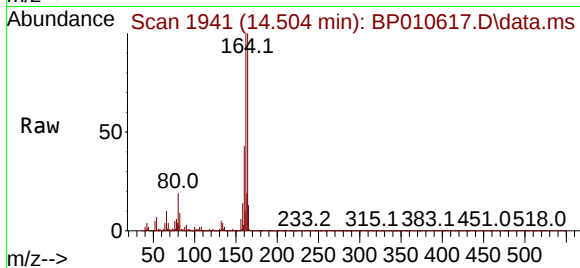
Tgt Ion:164 Resp: 257845

Ion Ratio Lower Upper

164 100

162 100.5 81.9 122.9

160 43.1 34.6 51.8



#42

2,4,6-Tribromophenol

Concen: 146.009 ng

RT: 15.998 min Scan# 2195

Delta R.T. 0.005 min

Lab File: BP010617.D

Acq: 29 May 2022 14:05

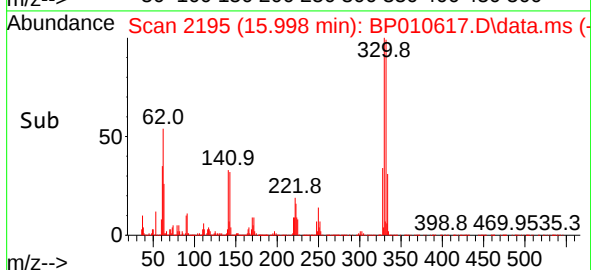
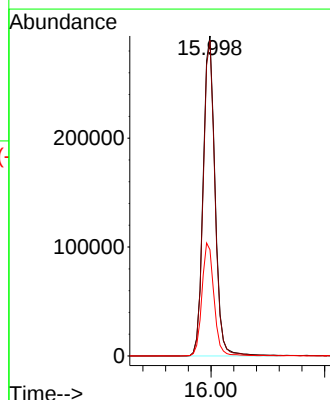
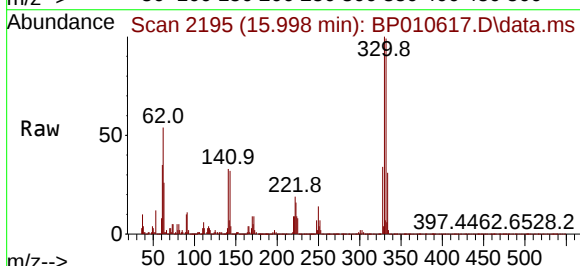
Tgt Ion:330 Resp: 426154

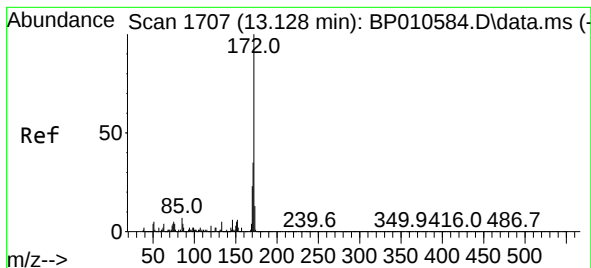
Ion Ratio Lower Upper

330 100

332 97.5 78.1 117.1

141 35.9 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 92.002 ng

RT: 13.128 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP010617.D

Acq: 29 May 2022 14:05

Instrument :

BNA_P

ClientSampleId :

PE-D3

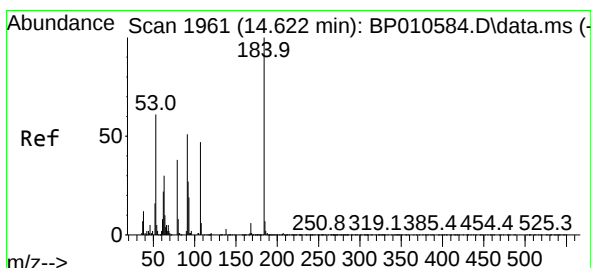
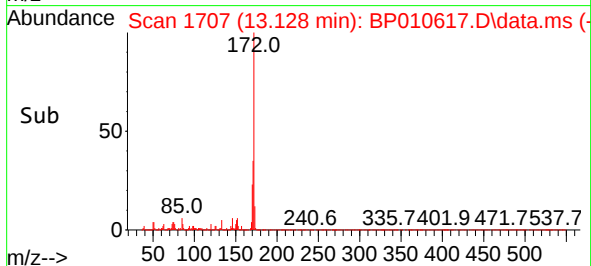
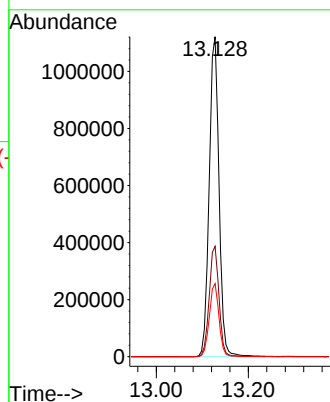
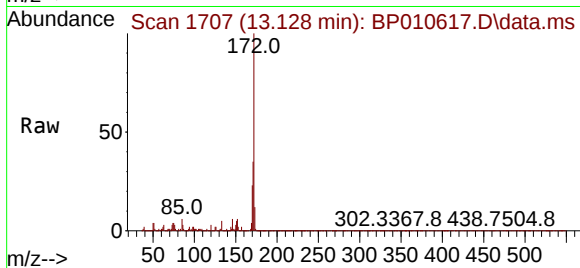
Tgt Ion:172 Resp: 1671478

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 22.8 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.653 ng

RT: 14.628 min Scan# 1962

Delta R.T. 0.006 min

Lab File: BP010617.D

Acq: 29 May 2022 14:05

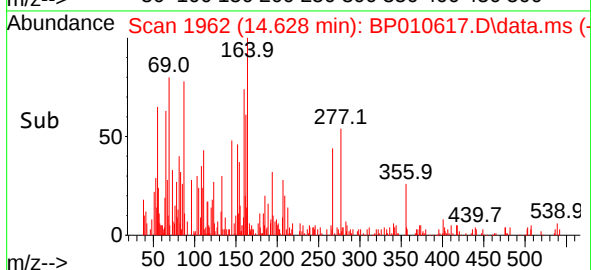
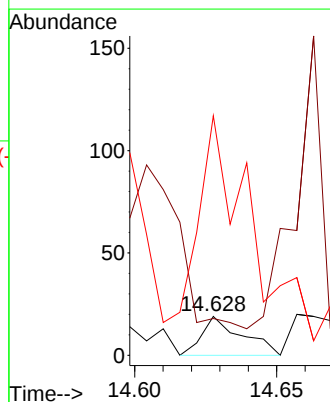
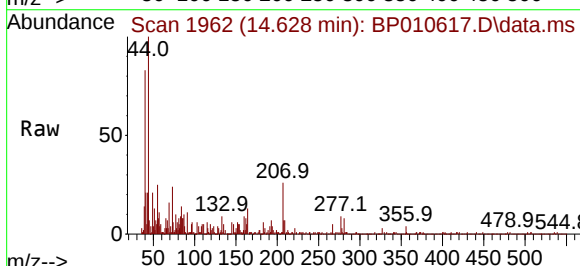
Tgt Ion:184 Resp: 19

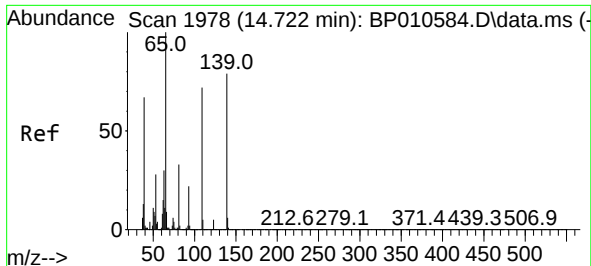
Ion Ratio Lower Upper

184 100

63 94.7 65.4 98.2

154 615.8 55.4 83.2#

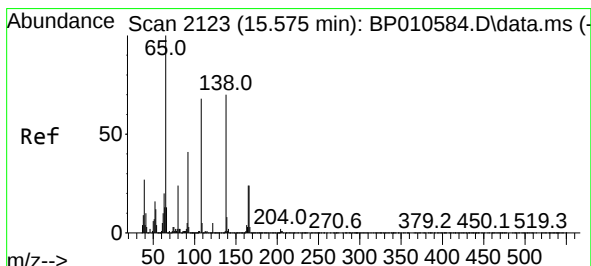
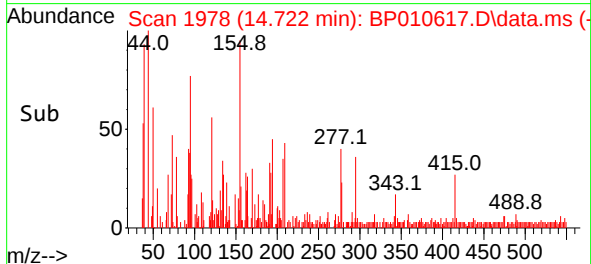
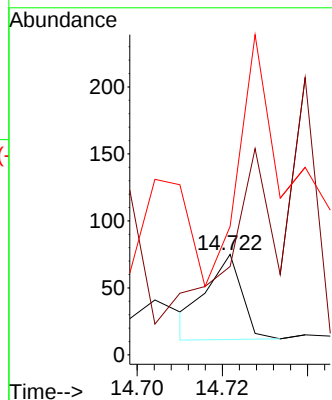
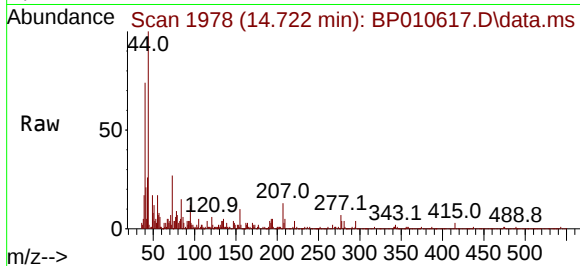




#56
4-Nitrophenol
Concen: 3.608 ng
RT: 14.722 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP010617.D
Acq: 29 May 2022 14:05

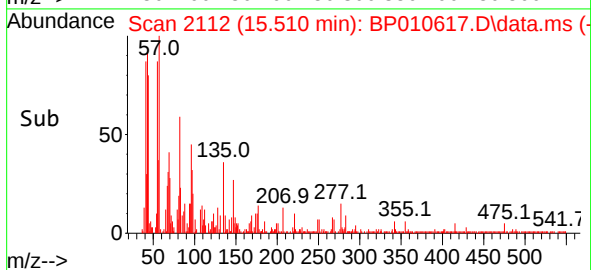
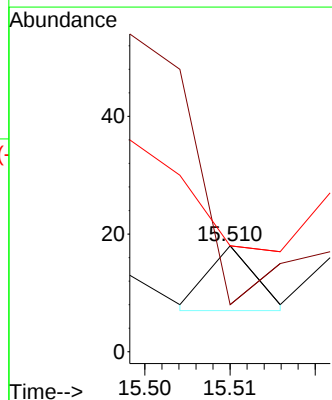
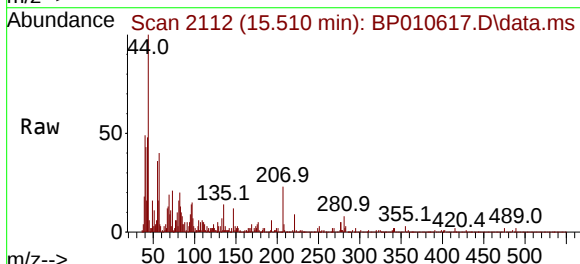
Instrument :
BNA_P
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PE-D3

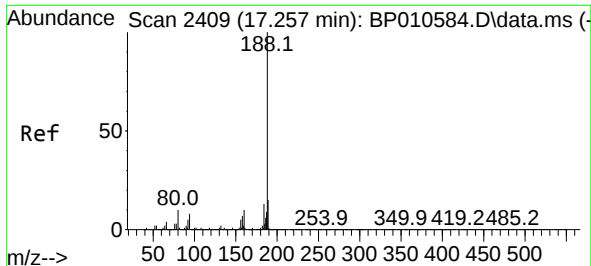
Tgt Ion:139 Resp: 36
Ion Ratio Lower Upper
139 100
109 88.0 70.6 110.6
65 128.0 106.6 146.6



#62
4-Nitroaniline
Concen: 2.134 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.065 min
Lab File: BP010617.D
Acq: 29 May 2022 14:05

Tgt Ion:138 Resp: 4
Ion Ratio Lower Upper
138 100
92 44.4 38.0 78.0
108 100.0 77.6 117.6

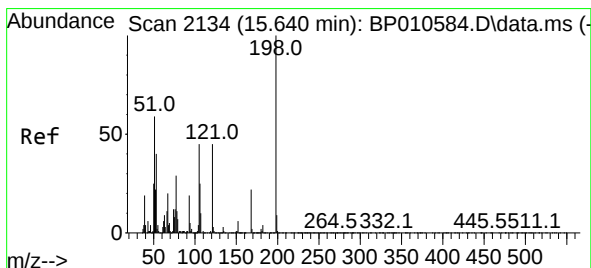
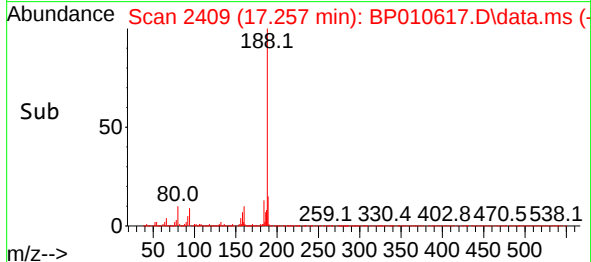
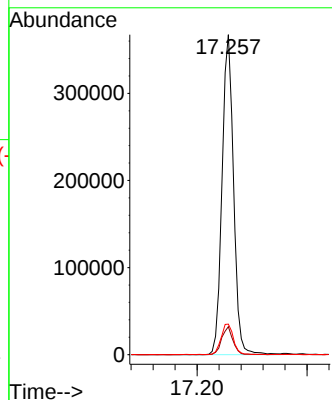
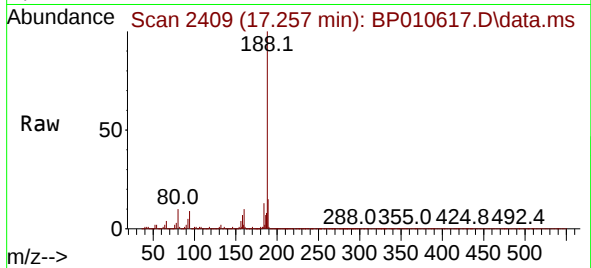




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010617.D
Acq: 29 May 2022 14:05

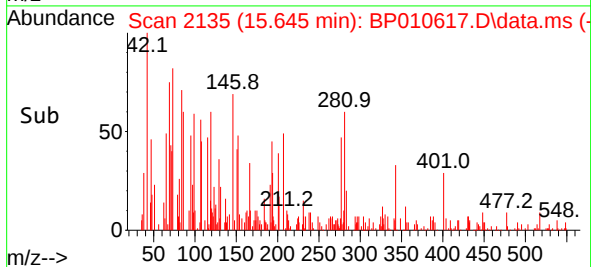
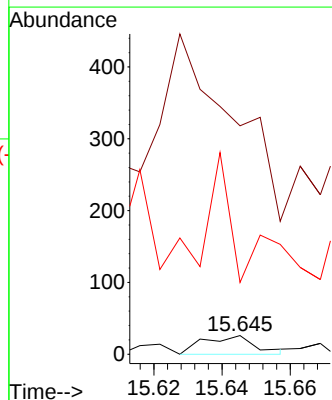
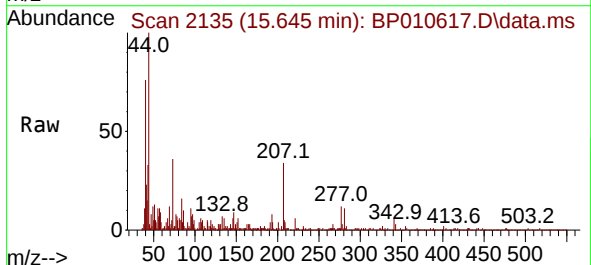
Instrument :
BNA_P
ClientSampleId :
PE-D3

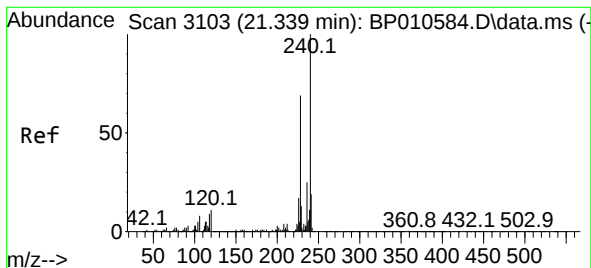
Tgt Ion:188 Resp: 532237
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.610 ng
RT: 15.645 min Scan# 2135
Delta R.T. 0.005 min
Lab File: BP010617.D
Acq: 29 May 2022 14:05

Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
51 1223.1 41.2 81.2#
105 384.6 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: BP010617.D

Acq: 29 May 2022 14:05

Instrument :

BNA_P

ClientSampleId :

PE-D3

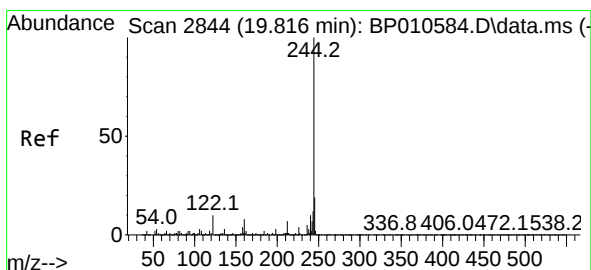
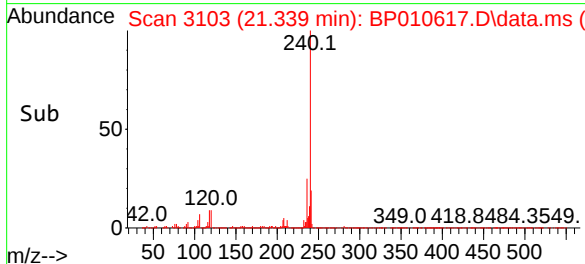
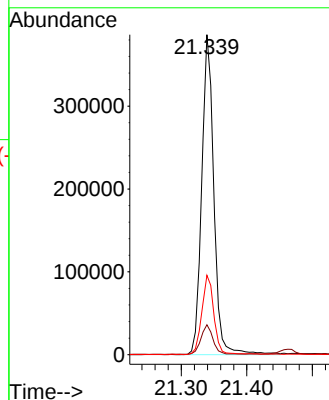
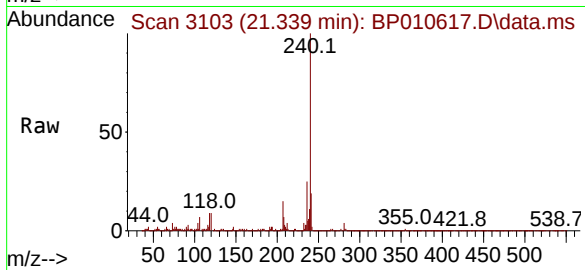
Tgt Ion:240 Resp: 498392

Ion Ratio Lower Upper

240 100

120 9.4 8.6 12.8

236 24.8 19.8 29.6



#79

Terphenyl-d14

Concen: 93.625 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010617.D

Acq: 29 May 2022 14:05

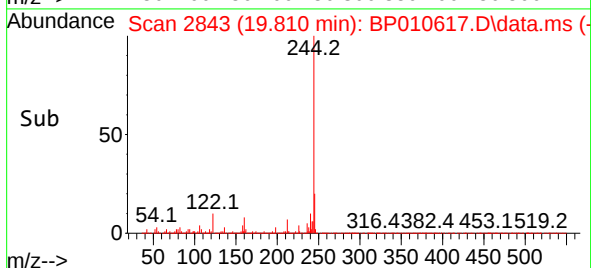
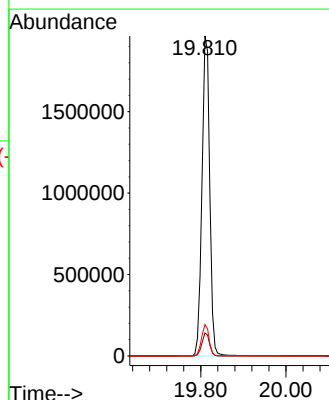
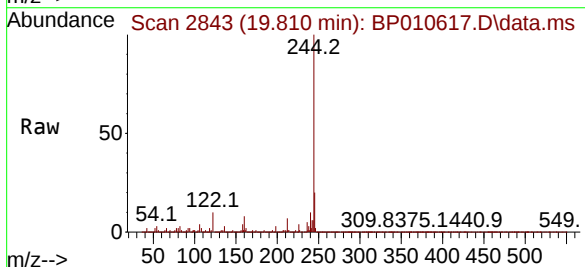
Tgt Ion:244 Resp: 2484244

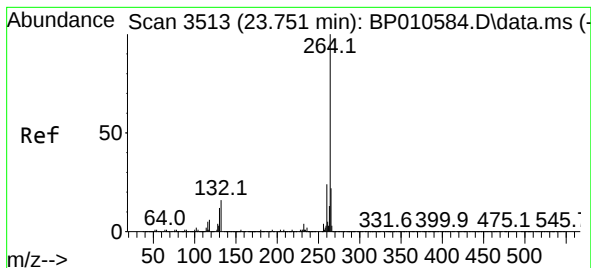
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.8 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: BP010617.D

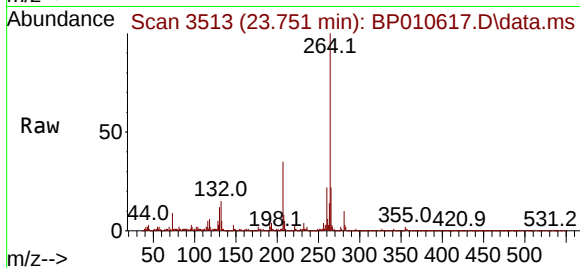
Acq: 29 May 2022 14:05

Instrument :

BNA_P

ClientSampleId :

PE-D3



Tgt Ion:264 Resp: 503645

Ion Ratio Lower Upper

264 100

260 22.2 19.3 28.9

265 22.1 18.0 27.0

