

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010593.D
 Acq On : 28 May 2022 10:41
 Operator : CG/JU
 Sample : PB145012BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB145012BL

Quant Time: May 28 23:35:30 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)

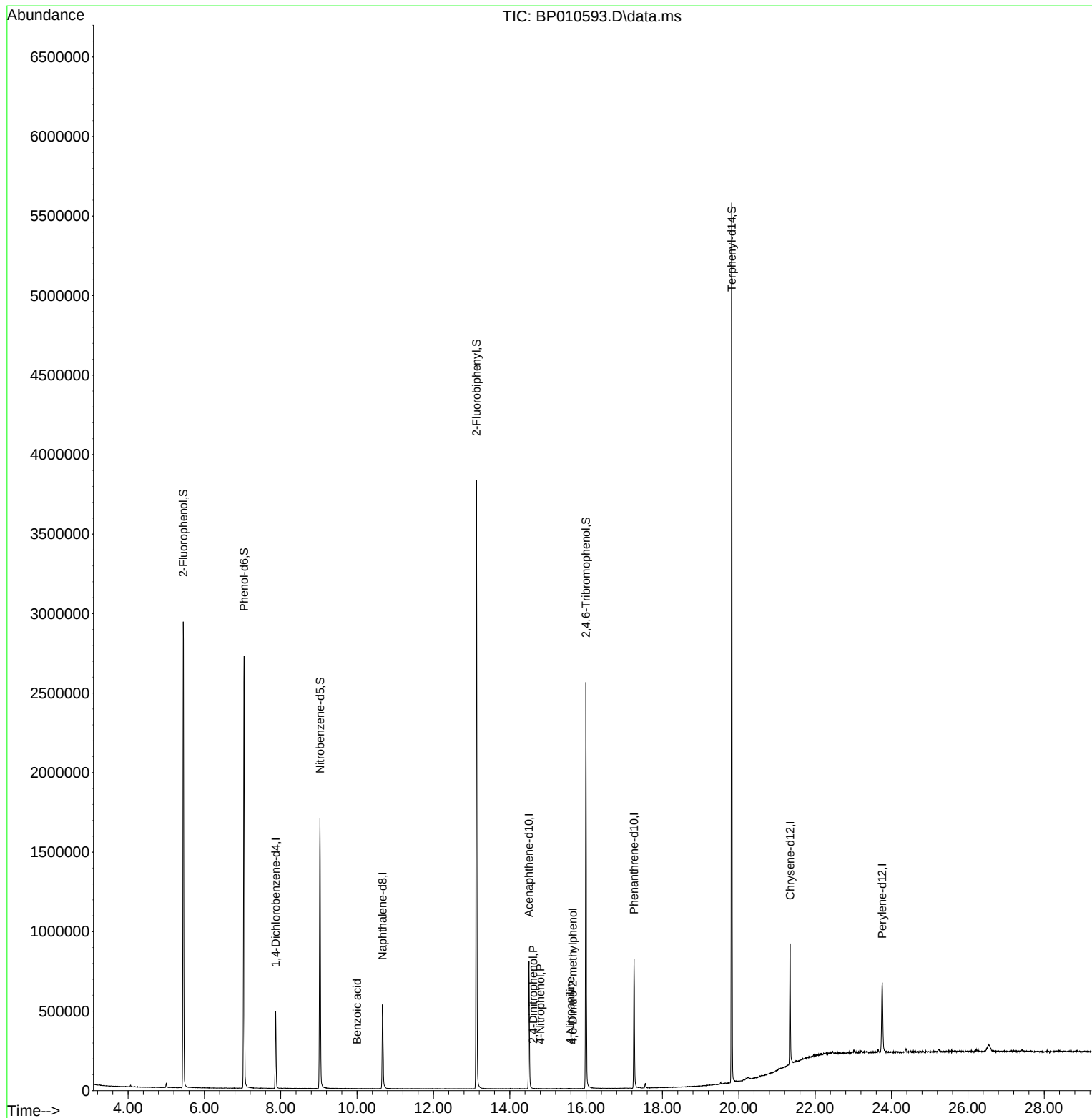
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	117802	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	452478	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	272347	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	535146	20.000	ng	0.00
76) Chrysene-d12	21.345	240	416208	20.000	ng	0.00
86) Perylene-d12	23.757	264	367324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1052459	162.986	ng	0.00
7) Phenol-d6	7.040	99	1363747	148.764	ng	0.00
23) Nitrobenzene-d5	9.028	82	931639	97.345	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	419917	136.211	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	1872674	97.588	ng	0.00
79) Terphenyl-d14	19.816	244	2454484	110.768	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.999	122	15	7.326	ng	# 11
54) 2,4-Dinitrophenol	14.616	184	6	6.648	ng	# 1
56) 4-Nitrophenol	14.798	139	20	3.603	ng	86
62) 4-Nitroaniline	15.586	138	16	2.136	ng	94
65) 4,6-Dinitro-2-methylph...	15.651	198	6	4.604	ng	# 1

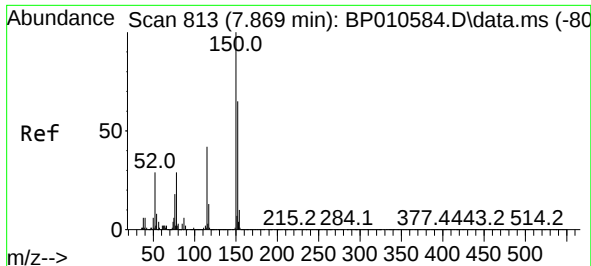
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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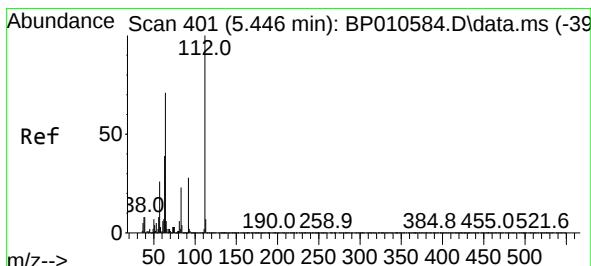
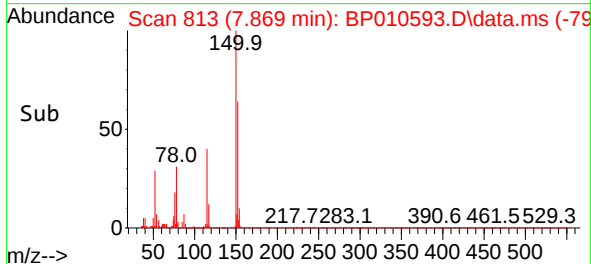
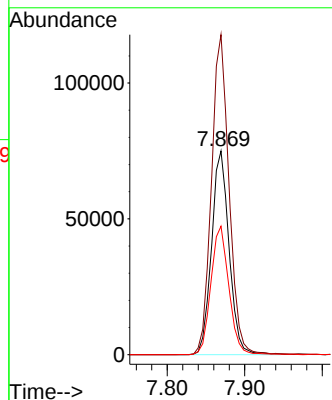
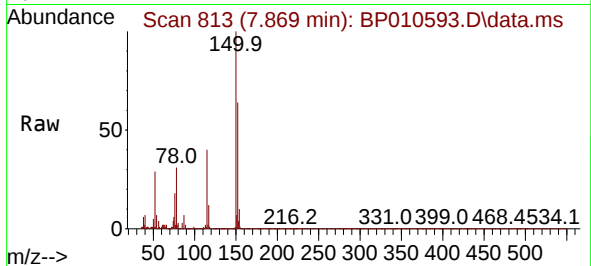




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

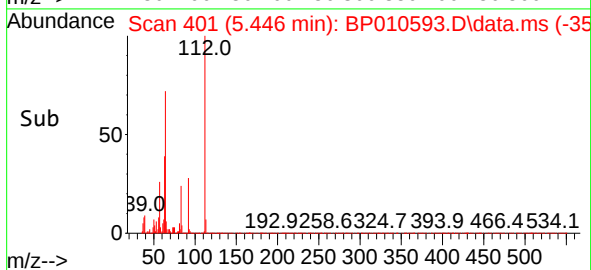
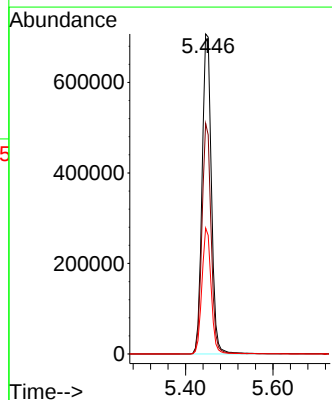
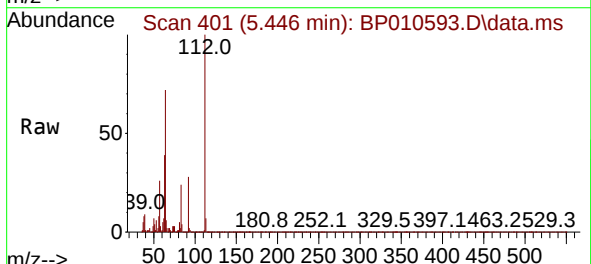
Instrument :
BNA_P
ClientSampleId :
PB145012BL

Tgt Ion:152 Resp: 117802
Ion Ratio Lower Upper
152 100
150 157.2 123.4 185.2
115 63.1 51.3 76.9



#5
2-Fluorophenol
Concen: 162.986 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

Tgt Ion:112 Resp: 1052459
Ion Ratio Lower Upper
112 100
64 72.1 56.9 85.3
63 39.4 31.2 46.8

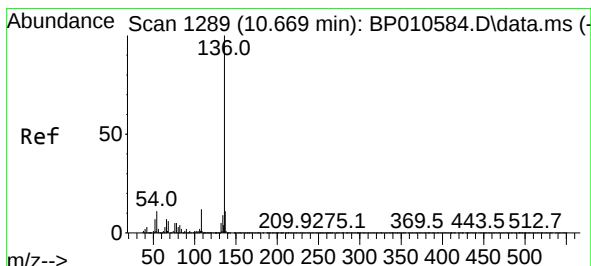
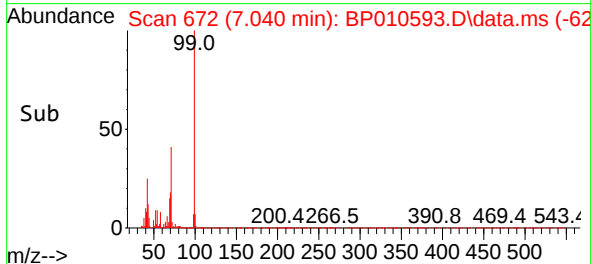
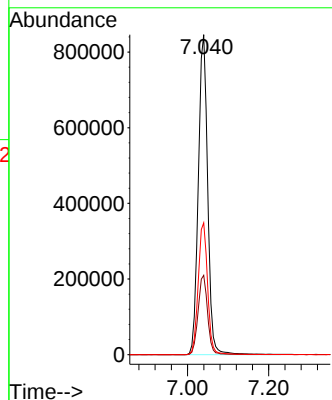
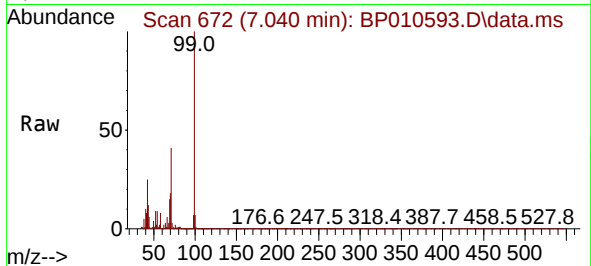




#7
Phenol-d6
Concen: 148.764 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

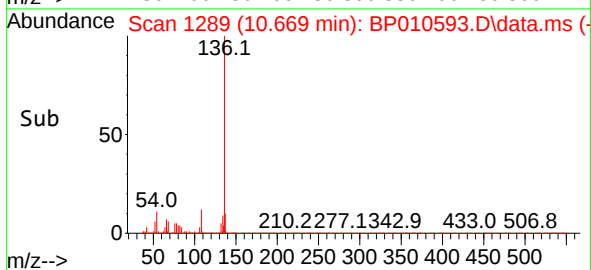
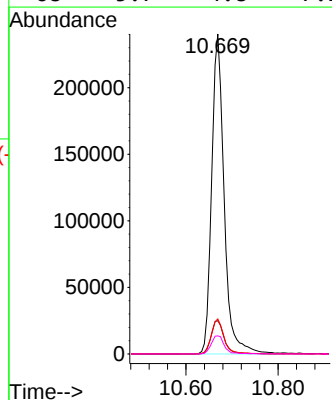
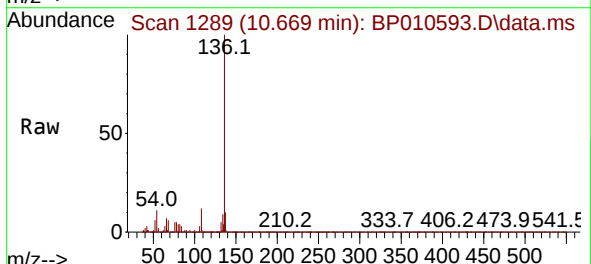
Instrument :
BNA_P
ClientSampleId :
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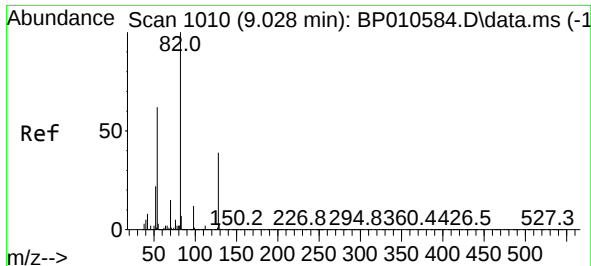
Tgt Ion: 99 Resp: 1363747
Ion Ratio Lower Upper
99 100
42 24.8 20.3 30.5
71 41.2 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

Tgt Ion:136 Resp: 452478
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 10.9 8.7 13.1
68 5.7 4.8 7.2

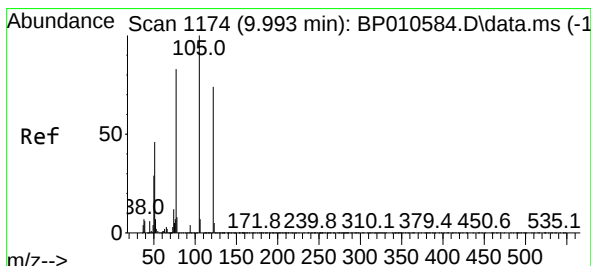
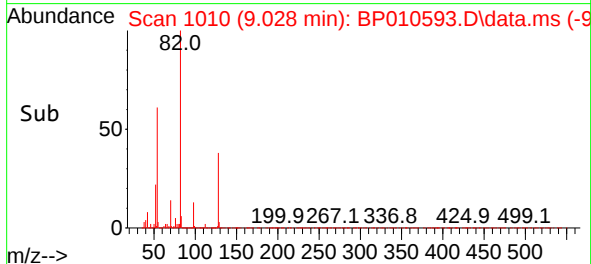
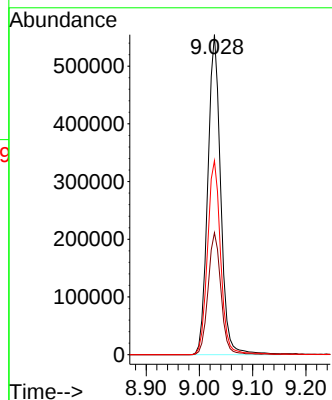
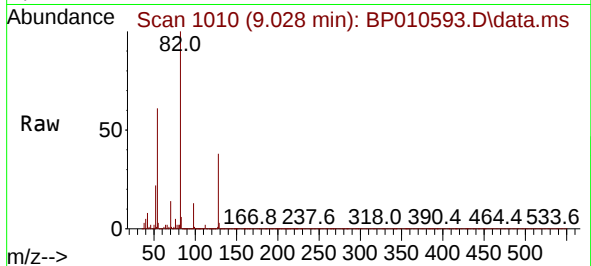




#23
Nitrobenzene-d5
Concen: 97.345 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

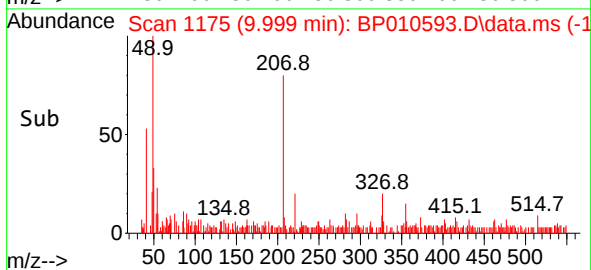
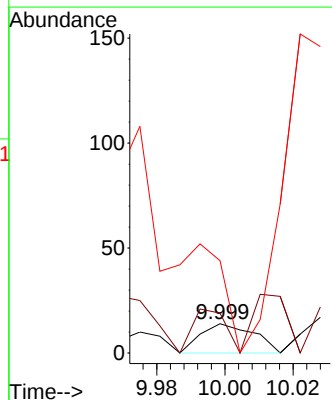
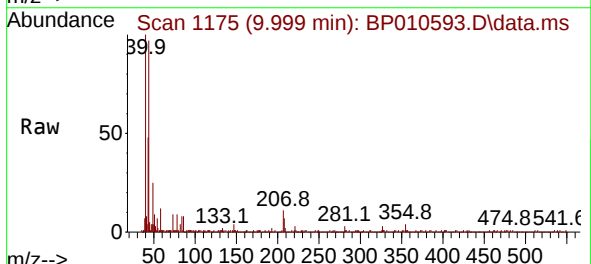
Instrument :
BNA_P
ClientSampleId :
PB145012BL

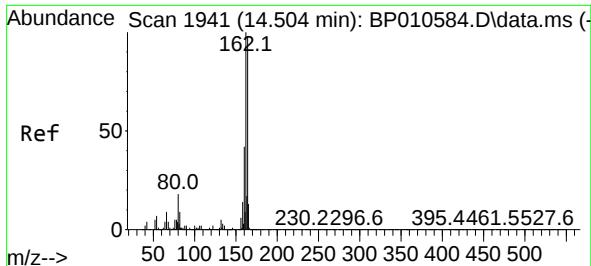
Tgt Ion: 82 Resp: 931639
Ion Ratio Lower Upper
82 100
128 38.1 31.3 46.9
54 60.6 49.8 74.8



#32
Benzoic acid
Concen: 7.326 ng
RT: 9.999 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

Tgt Ion: 122 Resp: 15
Ion Ratio Lower Upper
122 100
105 135.7 112.6 152.6
77 314.3 90.2 130.2#

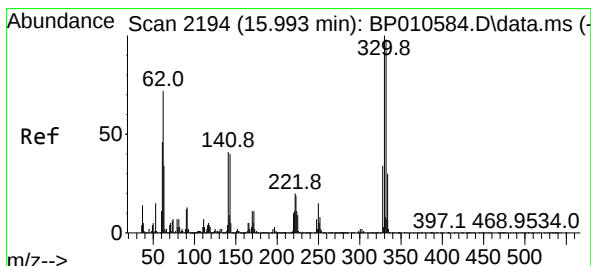
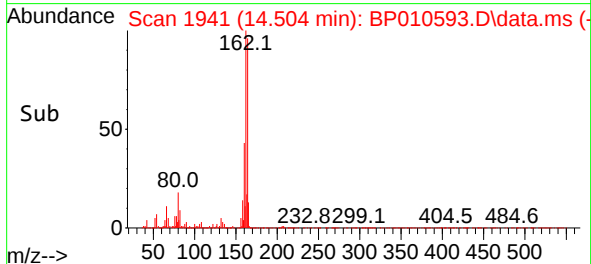
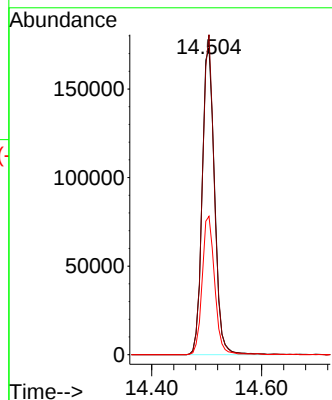
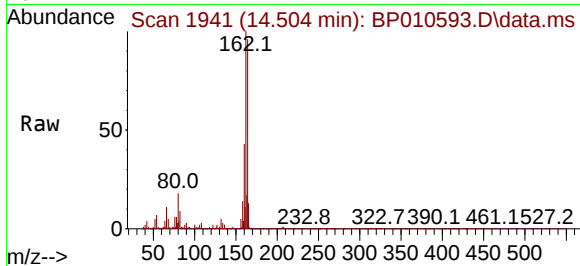




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

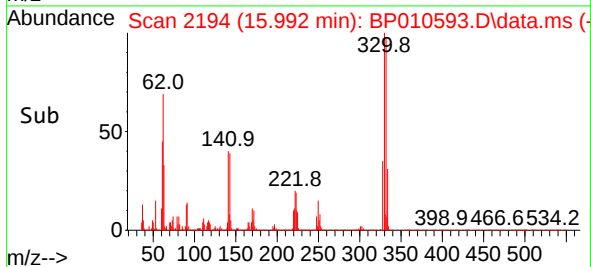
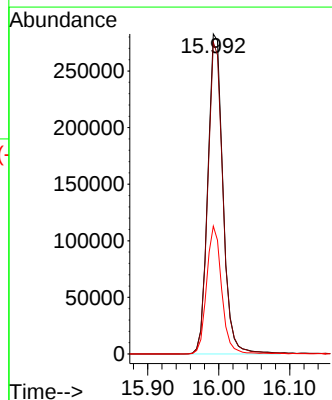
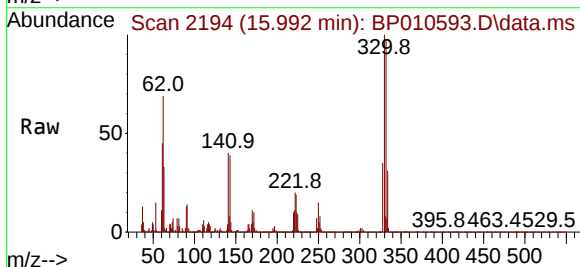
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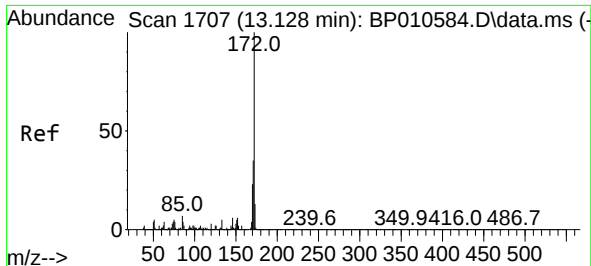
Tgt Ion:164 Resp: 272347
Ion Ratio Lower Upper
164 100
162 104.4 81.9 122.9
160 45.1 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 136.211 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

Tgt Ion:330 Resp: 419917
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 39.6 31.4 47.2

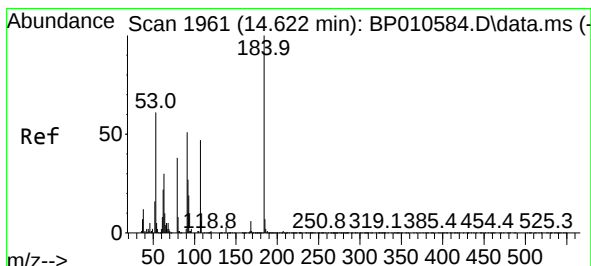
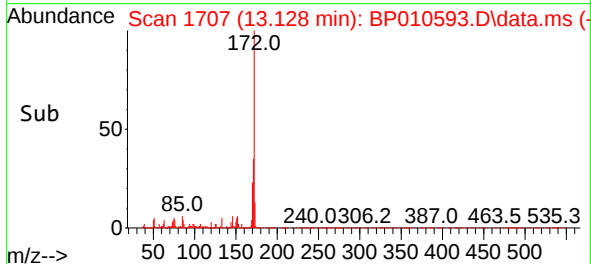
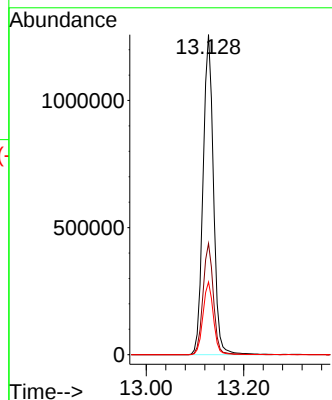
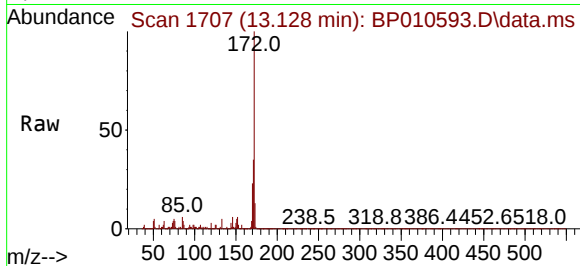




#45
2-Fluorobiphenyl
Concen: 97.588 ng
RT: 13.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

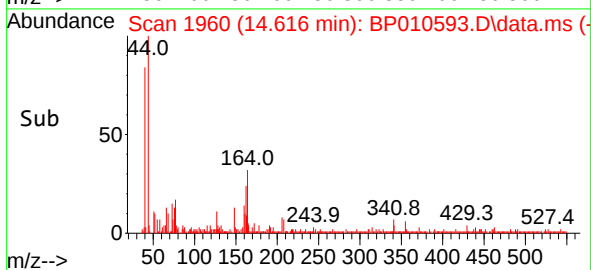
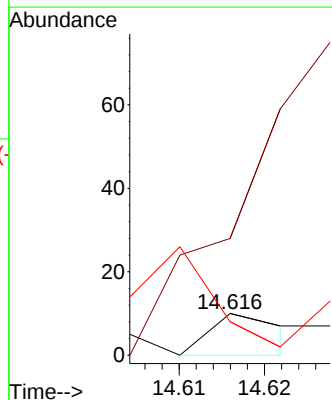
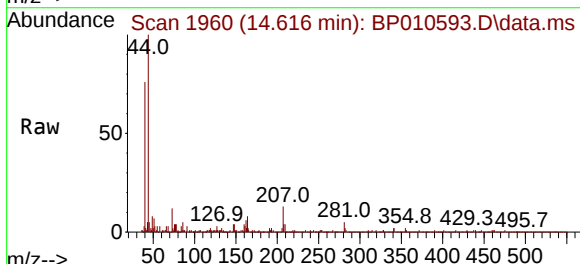
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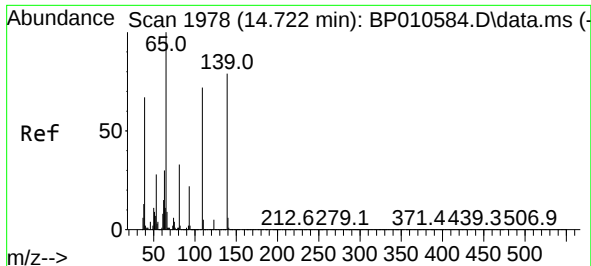
Tgt Ion:172 Resp: 1872674
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 22.7 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.648 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 280.0 65.4 98.2#
154 80.0 55.4 83.2

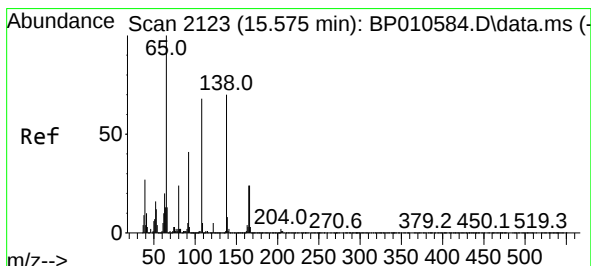
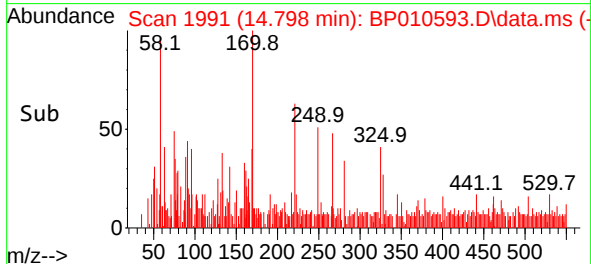
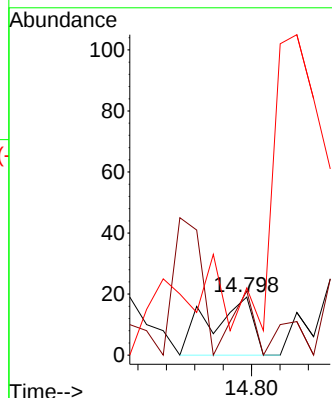
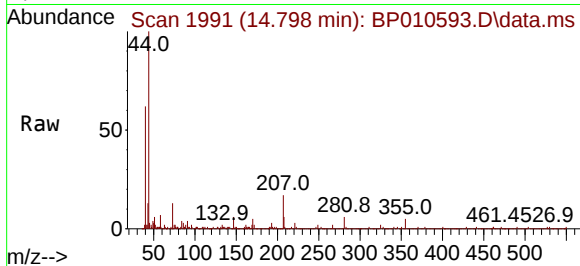




#56
4-Nitrophenol
Concen: 3.603 ng
RT: 14.798 min Scan# 1978
Delta R.T. 0.076 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

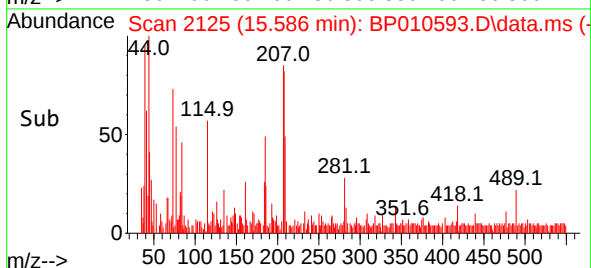
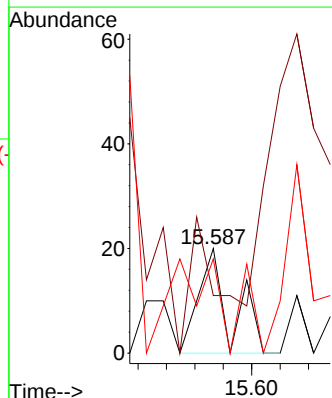
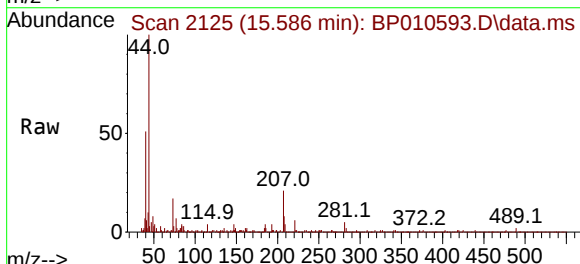
Instrument :
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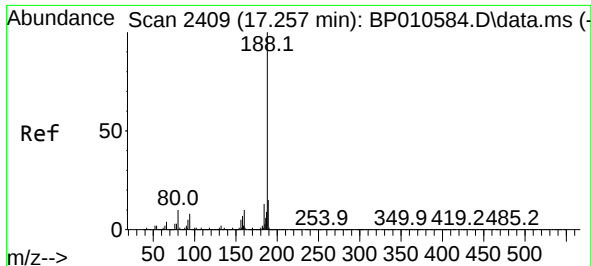
Tgt Ion:	139	Resp:	20
Ion	Ratio	Lower	Upper
139	100		
109	110.5	70.6	110.6
65	115.8	106.6	146.6



#62
4-Nitroaniline
Concen: 2.136 ng
RT: 15.586 min Scan# 2125
Delta R.T. 0.011 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

Tgt Ion:	138	Resp:	16
Ion	Ratio	Lower	Upper
138	100		
92	55.0	38.0	78.0
108	90.0	77.6	117.6

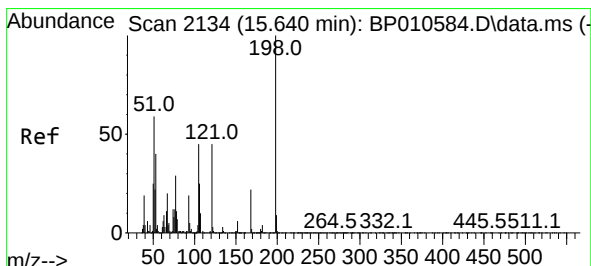
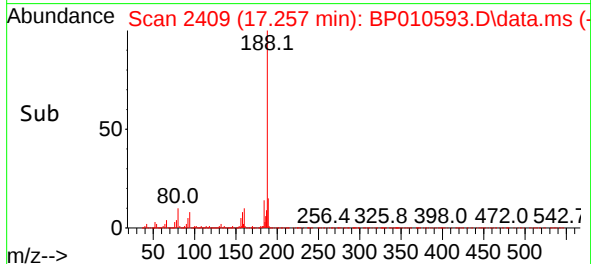
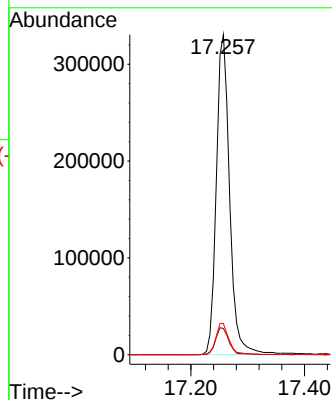
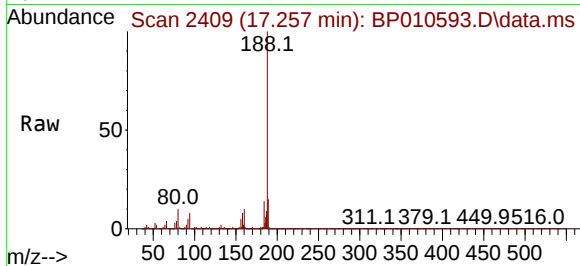




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

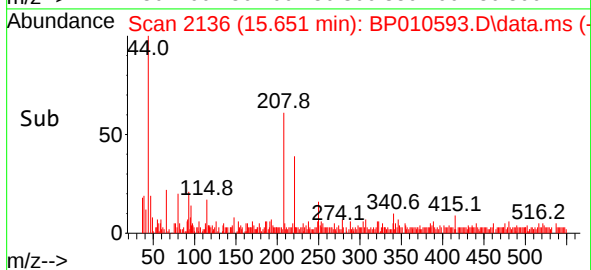
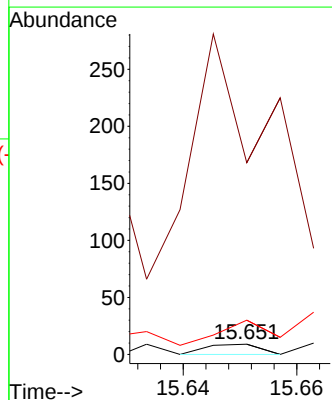
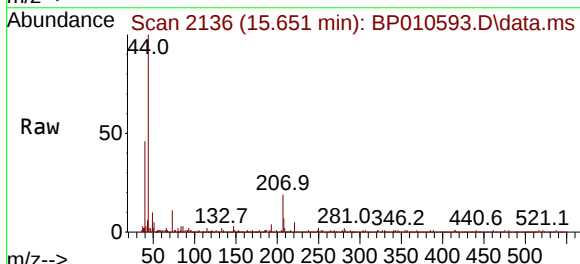
Instrument :
BNA_P
ClientSampleId :
PB145012BL

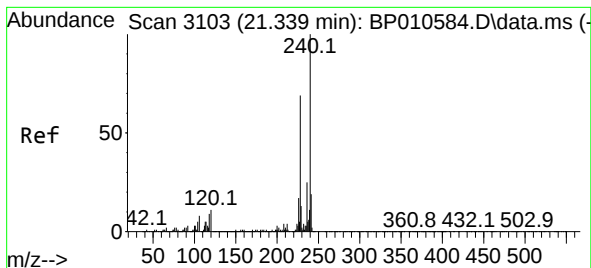
Tgt Ion:188 Resp: 535146
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 9.8 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.604 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.011 min
Lab File: BP010593.D
Acq: 28 May 2022 10:41

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 1866.7 41.2 81.2#
105 333.3 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.345 min Scan# 3103

Delta R.T. 0.006 min

Lab File: BP010593.D

Acq: 28 May 2022 10:41

Instrument :

BNA_P

ClientSampleId :

PB145012BL

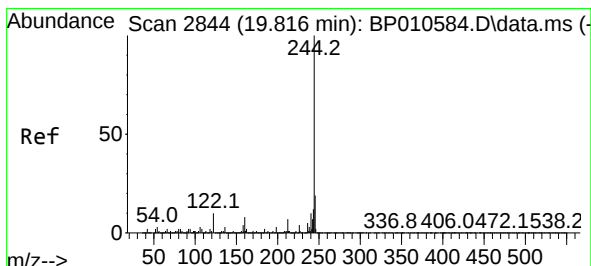
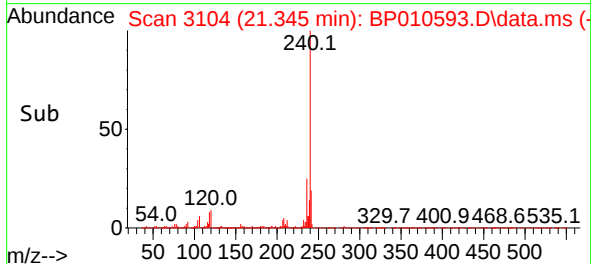
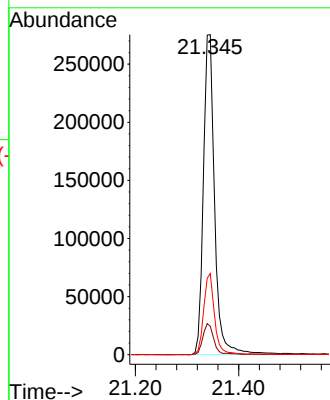
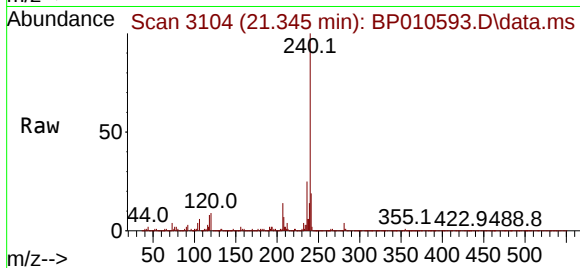
Tgt Ion:240 Resp: 416208

Ion Ratio Lower Upper

240 100

120 8.9 8.6 12.8

236 25.3 19.8 29.6



#79

Terphenyl-d14

Concen: 110.768 ng

RT: 19.816 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BP010593.D

Acq: 28 May 2022 10:41

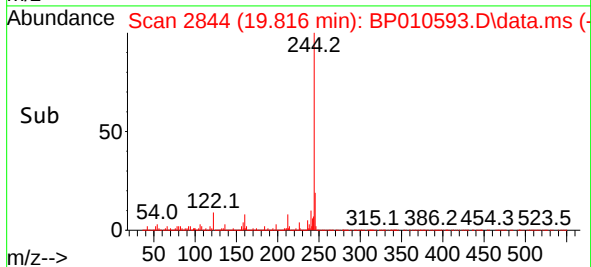
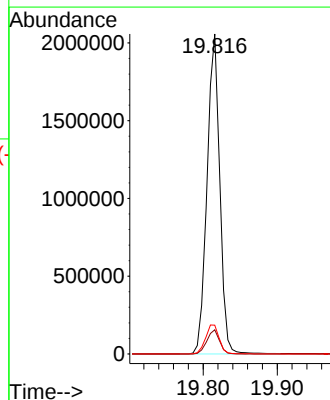
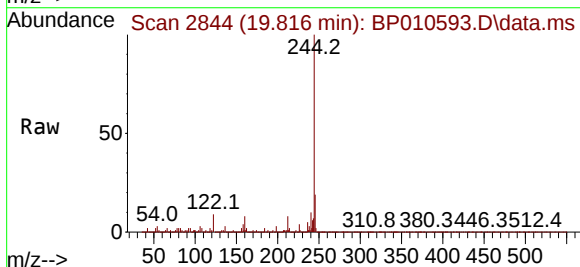
Tgt Ion:244 Resp: 2454484

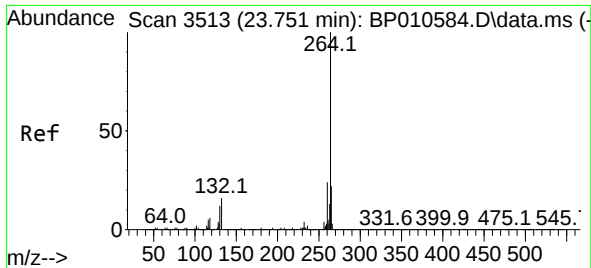
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 9.0 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.757 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP010593.D

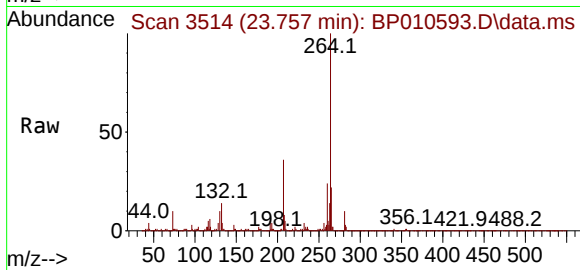
Acq: 28 May 2022 10:41

Instrument :

BNA_P

ClientSampleId :

PB145012BL



Tgt Ion:264 Resp: 367324

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.7 18.0 27.0

