

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
 Data File : BP010645.D
 Acq On : 01 Jun 2022 11:31
 Operator : CG/JU
 Sample : PB145220TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB145220TB

Quant Time: Jun 02 05:01:39 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)

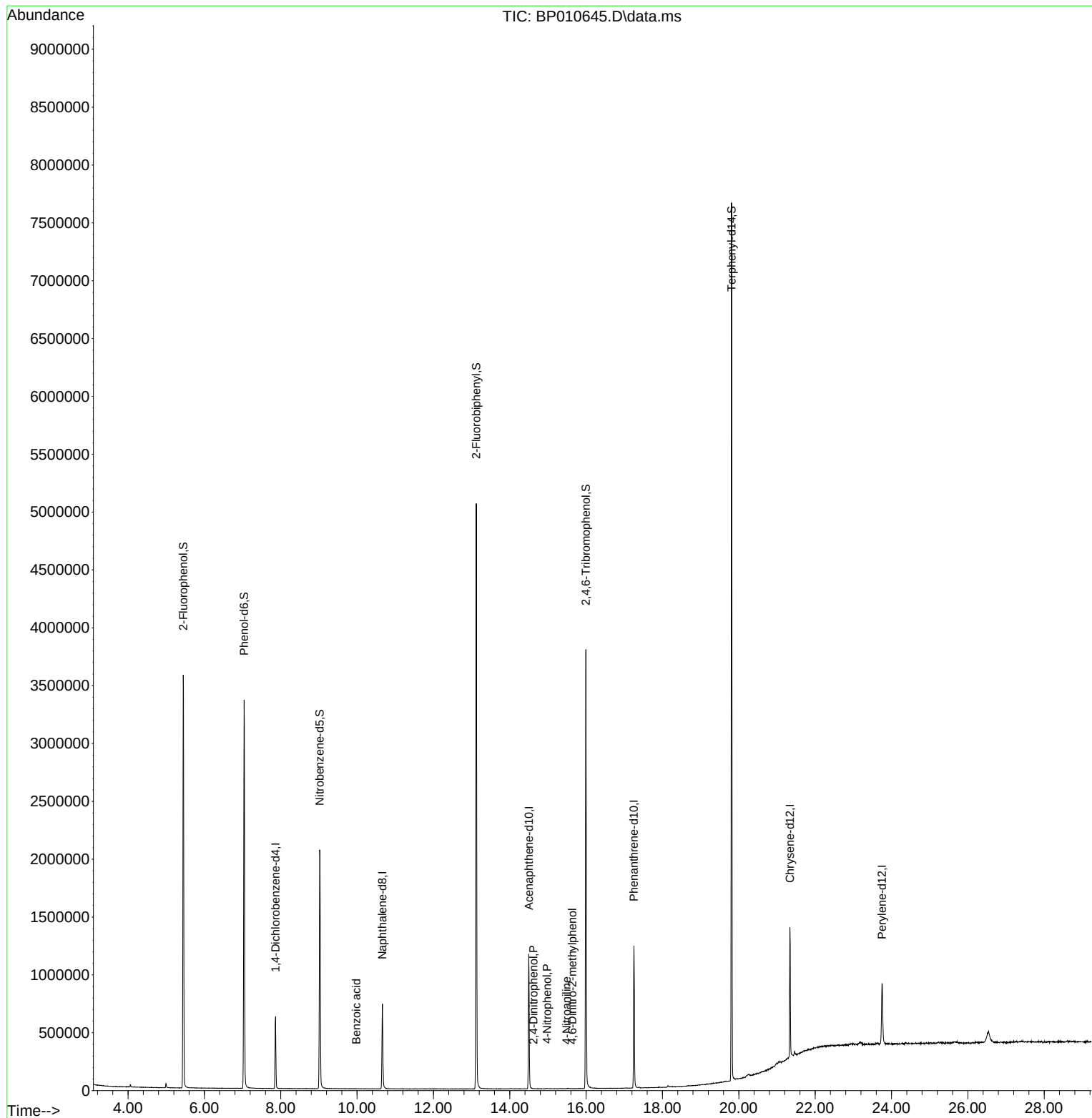
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	157119	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	616226	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	394099	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	811961	20.000	ng	0.00
76) Chrysene-d12	21.339	240	573669	20.000	ng	0.00
86) Perylene-d12	23.751	264	442878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1345274	156.200	ng	0.00
7) Phenol-d6	7.040	99	1748987	143.045	ng	0.00
23) Nitrobenzene-d5	9.022	82	1176857	90.291	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	669178	150.005	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2527011	91.004	ng	0.00
79) Terphenyl-d14	19.810	244	3535984	115.775	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.981	122	23	7.327	ng	# 1
54) 2,4-Dinitrophenol	14.622	184	9	6.648	ng	# 1
56) 4-Nitrophenol	14.975	139	8	3.599	ng	85
62) 4-Nitroaniline	15.487	138	30	2.137	ng	95
65) 4,6-Dinitro-2-methylph...	15.640	198	5	4.604	ng	# 1

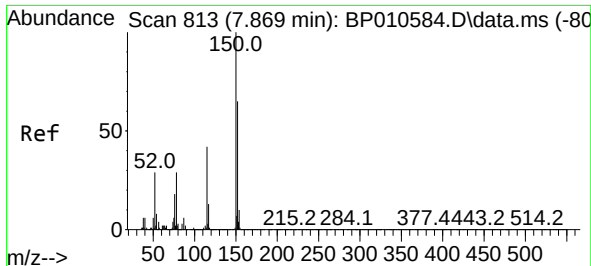
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
Data File : BP010645.D
Acq On : 01 Jun 2022 11:31
Operator : CG/JU
Sample : PB145220TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB145220TB

Quant Time: Jun 02 05:01:39 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

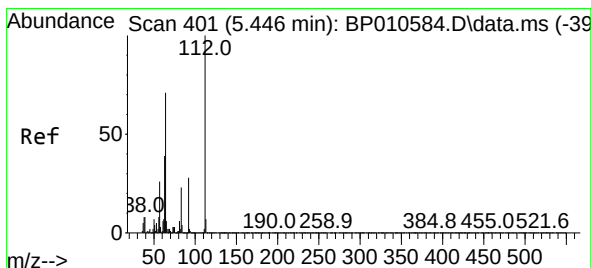
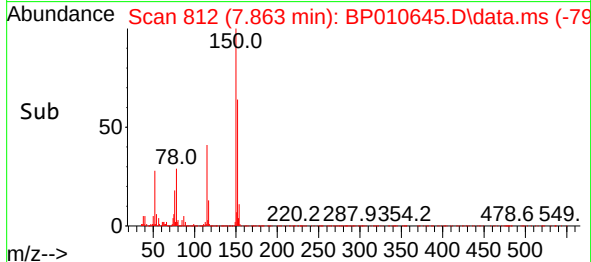
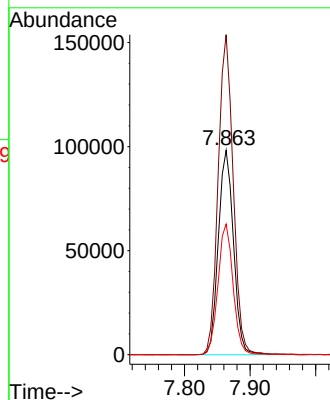
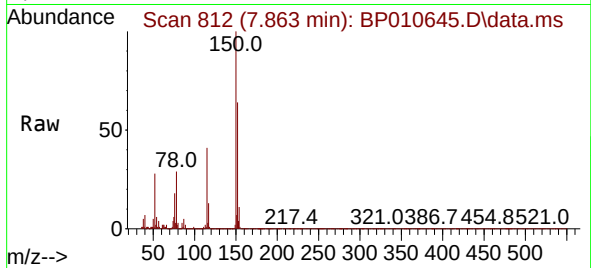




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010645.D
Acq: 01 Jun 2022 11:31

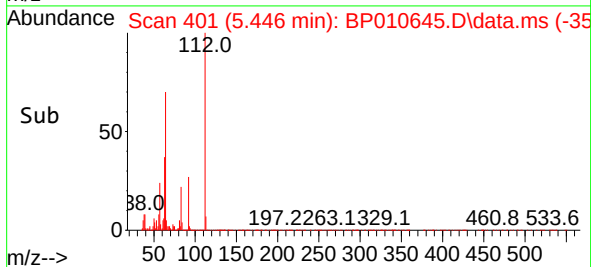
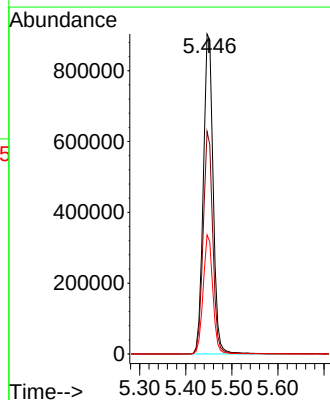
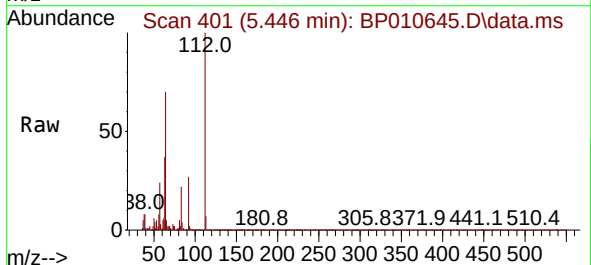
Instrument :
BNA_P
ClientSampleId :
PB145220TB

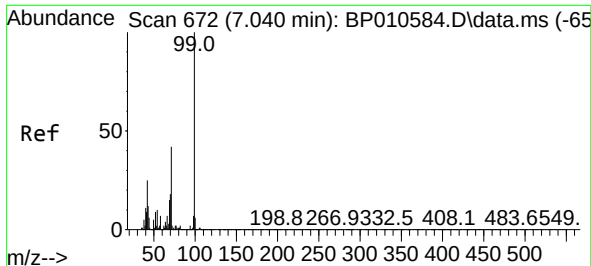
Tgt Ion:152 Resp: 157119
Ion Ratio Lower Upper
152 100
150 156.6 123.4 185.2
115 63.9 51.3 76.9



#5
2-Fluorophenol
Concen: 156.200 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010645.D
Acq: 01 Jun 2022 11:31

Tgt Ion:112 Resp: 1345274
Ion Ratio Lower Upper
112 100
64 69.5 56.9 85.3
63 37.2 31.2 46.8



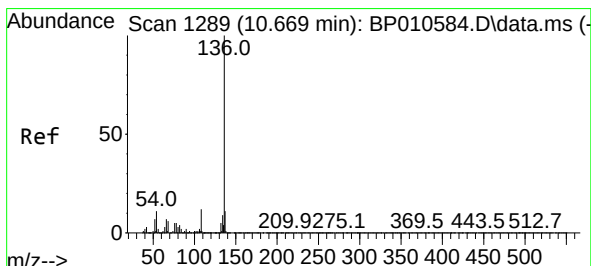
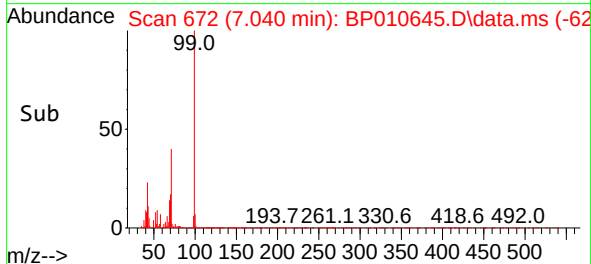
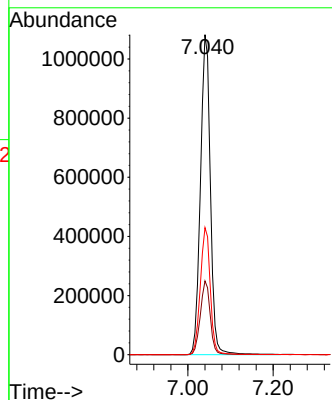
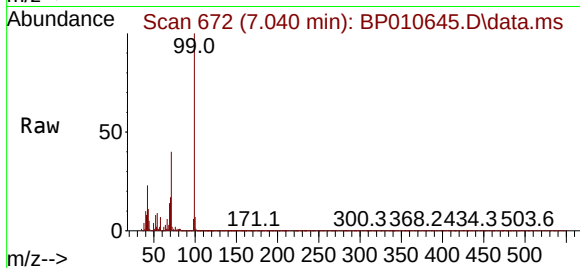


#7
Phenol-d6
Concen: 143.045 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010645.D
Acq: 01 Jun 2022 11:31

Instrument :
BNA_P
ClientSampleId :
PB145220TB

Tgt Ion: 99 Resp: 1748987

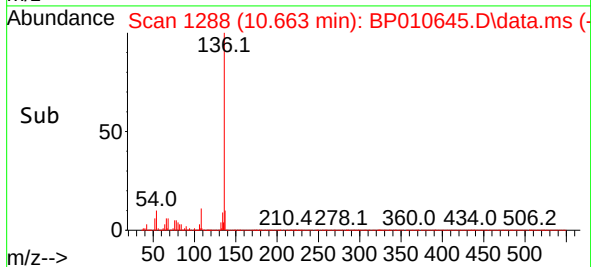
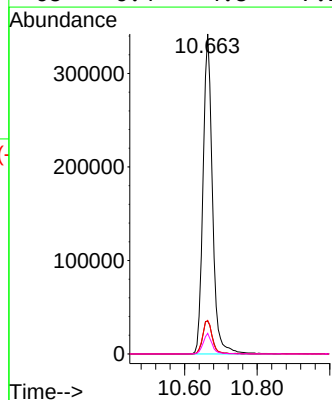
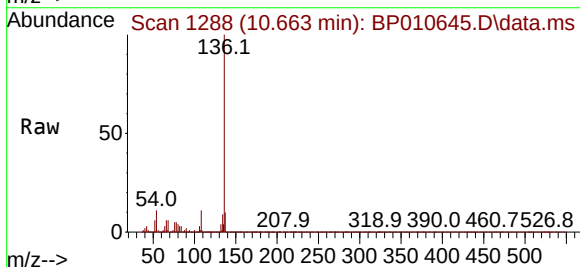
Ion	Ratio	Lower	Upper
99	100		
42	23.1	20.3	30.5
71	39.7	33.9	50.9

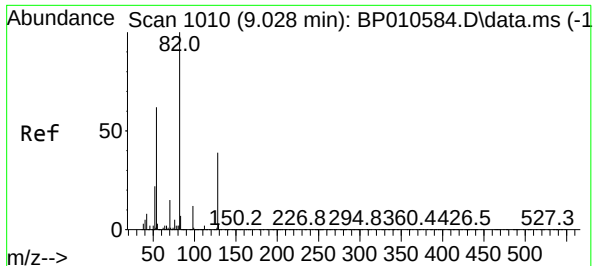


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010645.D
Acq: 01 Jun 2022 11:31

Tgt Ion: 136 Resp: 616226

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	10.5	8.7	13.1
68	6.4	4.8	7.2





#23

Nitrobenzene-d5

Concen: 90.291 ng

RT: 9.022 min Scan# 10

Delta R.T. -0.006 min

Lab File: BP010645.D

Acq: 01 Jun 2022 11:31

Instrument :

BNA_P

ClientSampleId :

PB145220TB

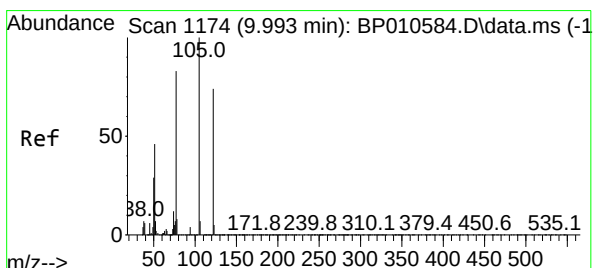
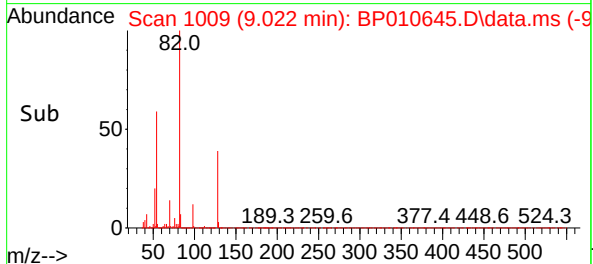
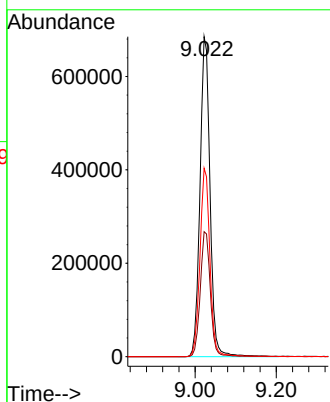
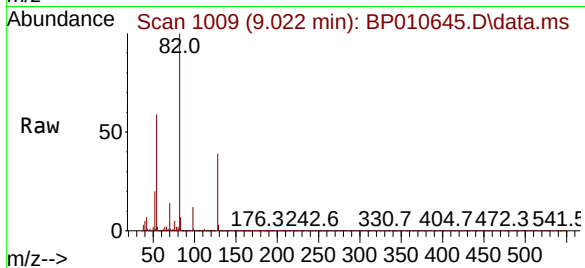
Tgt Ion: 82 Resp: 1176857

Ion Ratio Lower Upper

82 100

128 39.1 31.3 46.9

54 58.9 49.8 74.8



#32

Benzoic acid

Concen: 7.327 ng

RT: 9.981 min Scan# 1172

Delta R.T. -0.012 min

Lab File: BP010645.D

Acq: 01 Jun 2022 11:31

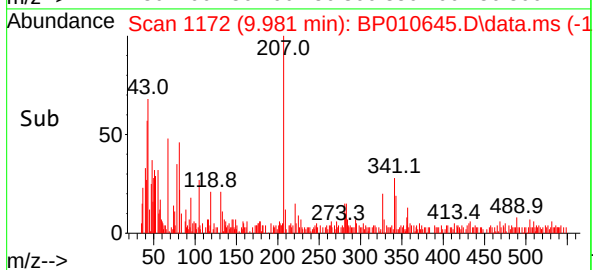
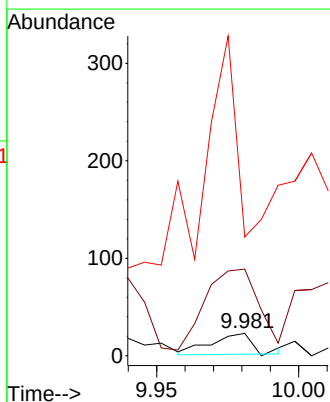
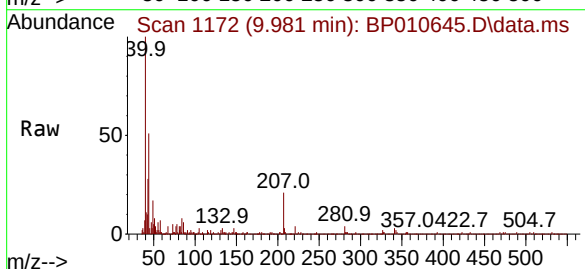
Tgt Ion: 122 Resp: 23

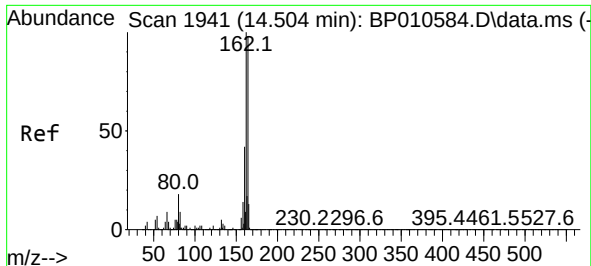
Ion Ratio Lower Upper

122 100

105 387.0 112.6 152.6#

77 530.4 90.2 130.2#

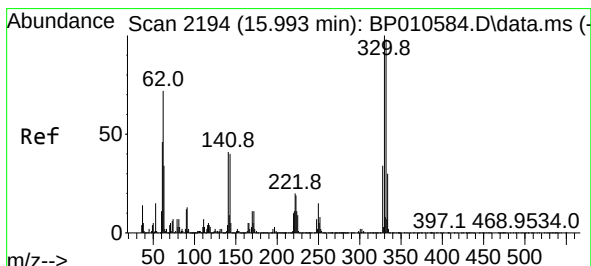
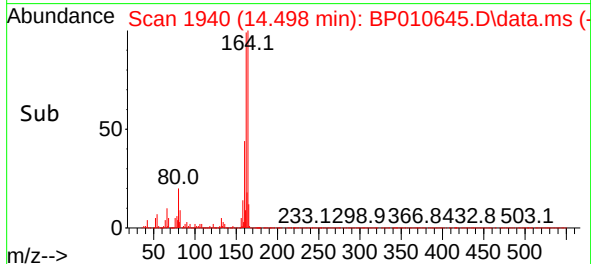
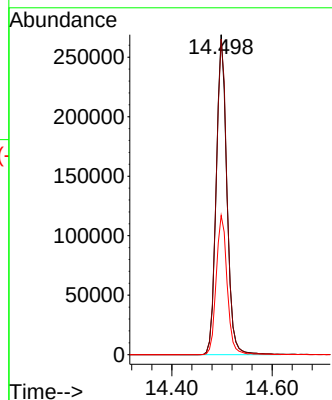
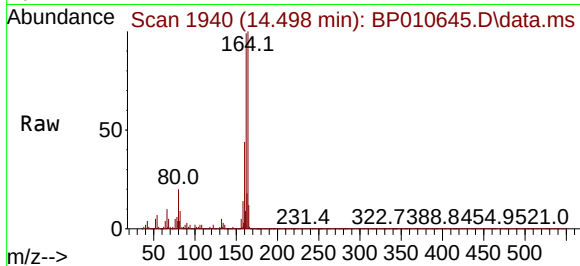




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010645.D
Acq: 01 Jun 2022 11:31

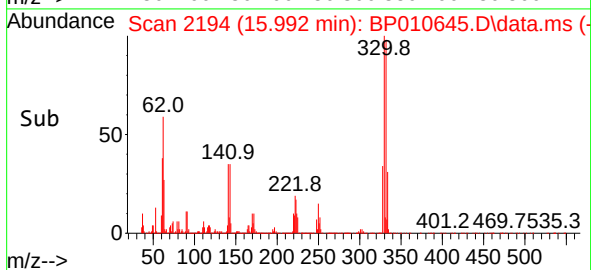
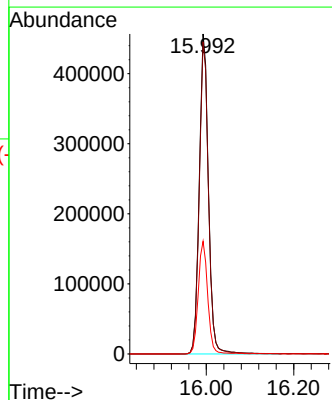
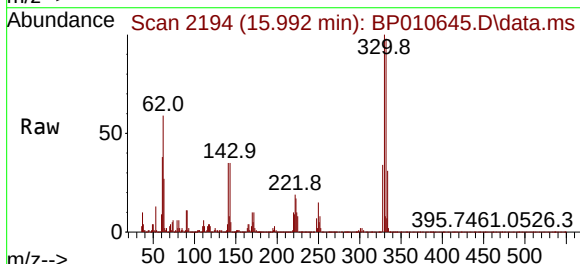
Instrument :
BNA_P
ClientSampleId :
PB145220TB

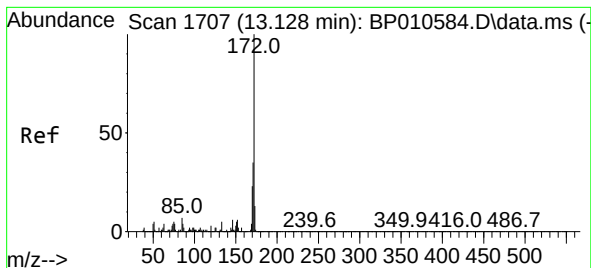
Tgt Ion:164 Resp: 394099
Ion Ratio Lower Upper
164 100
162 98.6 81.9 122.9
160 43.5 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 150.005 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010645.D
Acq: 01 Jun 2022 11:31

Tgt Ion:330 Resp: 669178
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 36.4 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 91.004 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010645.D

Acq: 01 Jun 2022 11:31

Instrument :

BNA_P

ClientSampleId :

PB145220TB

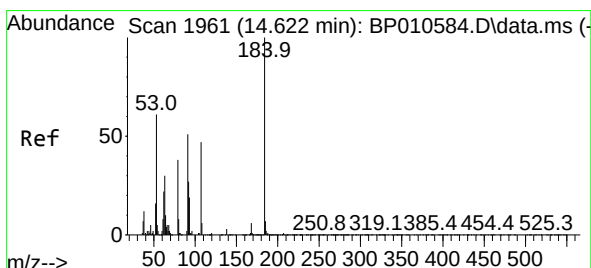
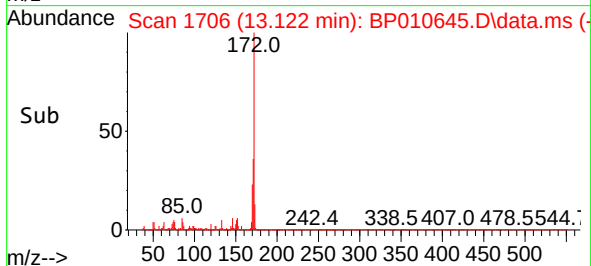
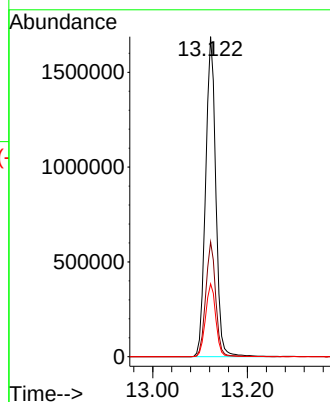
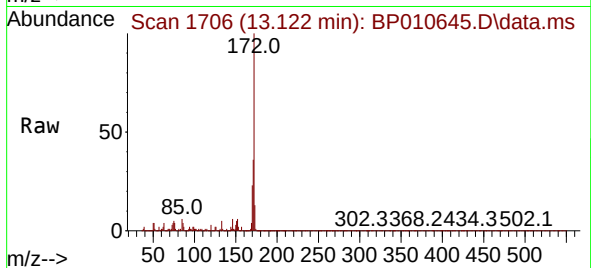
Tgt Ion:172 Resp: 2527011

Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 22.7 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.648 ng

RT: 14.622 min Scan# 1961

Delta R.T. -0.000 min

Lab File: BP010645.D

Acq: 01 Jun 2022 11:31

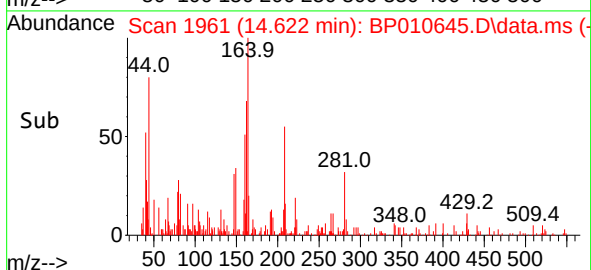
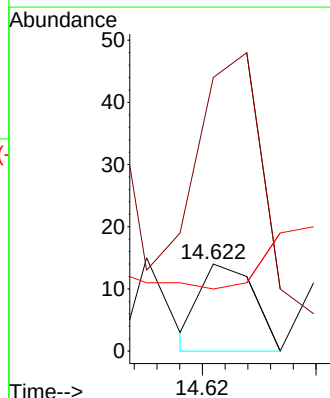
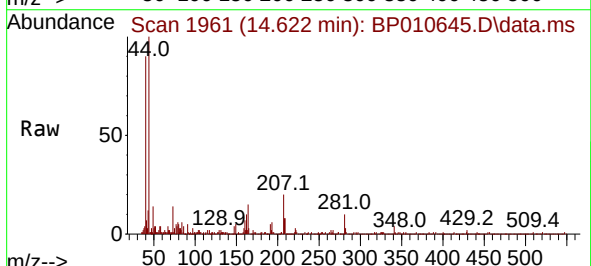
Tgt Ion:184 Resp: 9

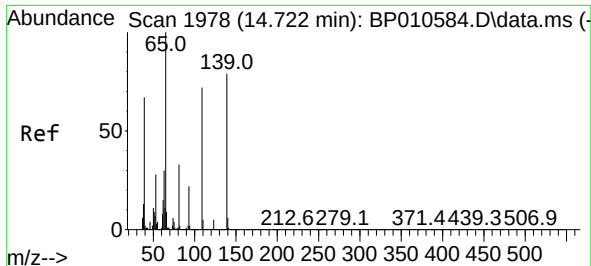
Ion Ratio Lower Upper

184 100

63 314.3 65.4 98.2#

154 71.4 55.4 83.2

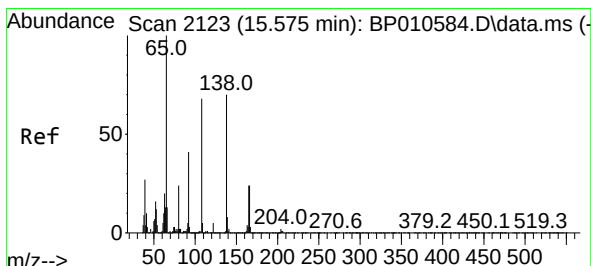
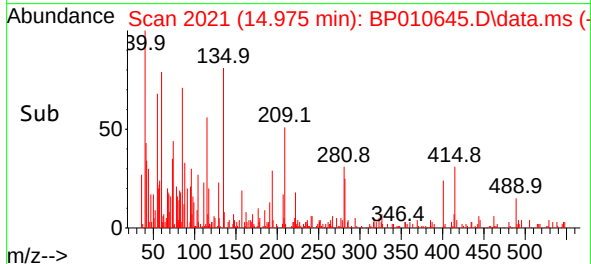
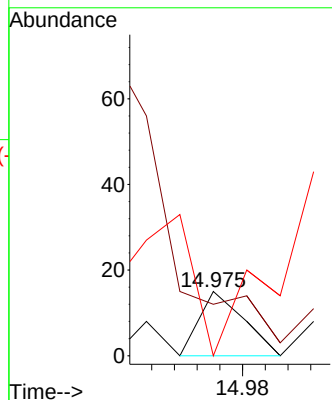
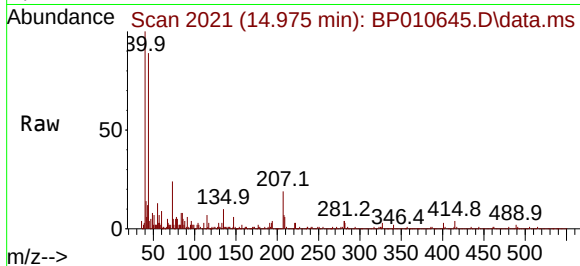




#56
4-Nitrophenol
Concen: 3.599 ng
RT: 14.975 min Scan# 2108
Delta R.T. 0.253 min
Lab File: BP010645.D
Acq: 01 Jun 2022 11:31

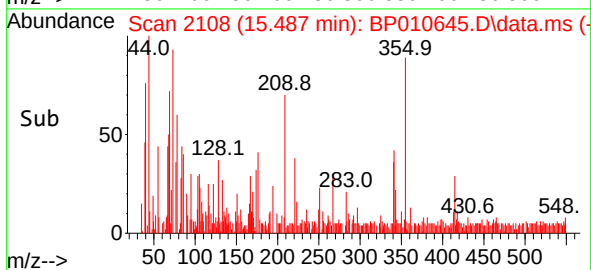
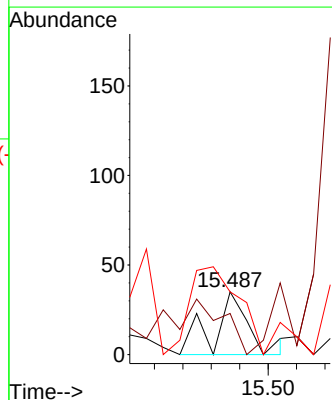
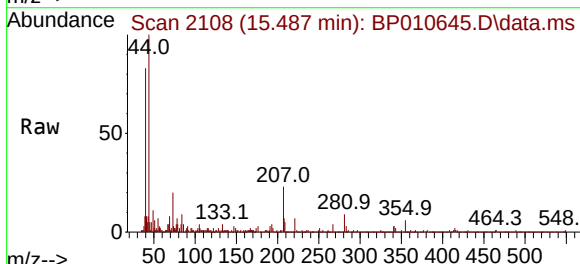
Instrument :
BNA_P
ClientSampleId :
PB145220TB

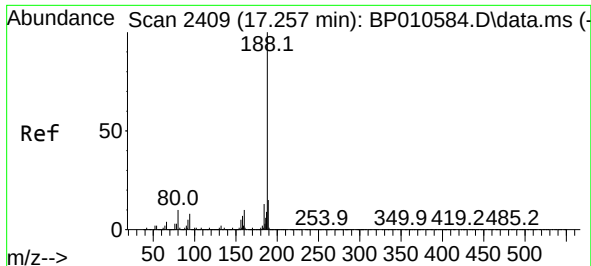
Tgt Ion:139 Resp: 8
Ion Ratio Lower Upper
139 100
109 80.0 70.6 110.6
65 106.7 106.6 146.6



#62
4-Nitroaniline
Concen: 2.137 ng
RT: 15.487 min Scan# 2108
Delta R.T. -0.088 min
Lab File: BP010645.D
Acq: 01 Jun 2022 11:31

Tgt Ion:138 Resp: 30
Ion Ratio Lower Upper
138 100
92 65.7 38.0 78.0
108 100.0 77.6 117.6

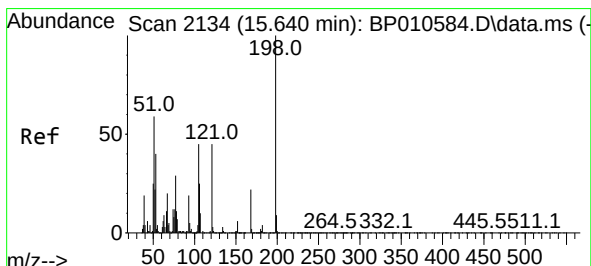
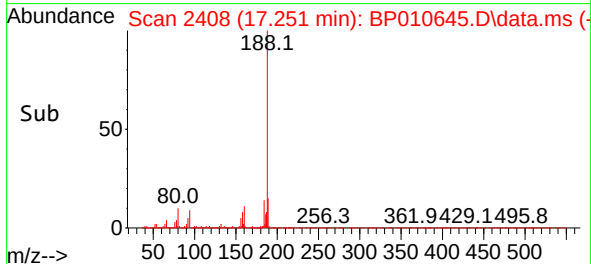
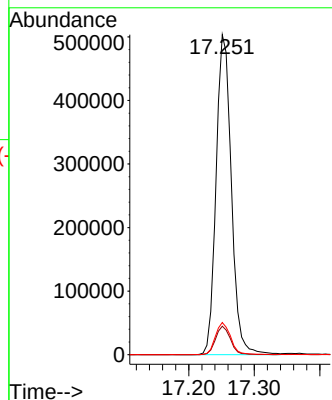
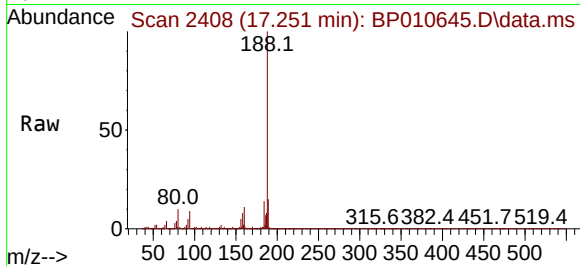




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP010645.D
Acq: 01 Jun 2022 11:31

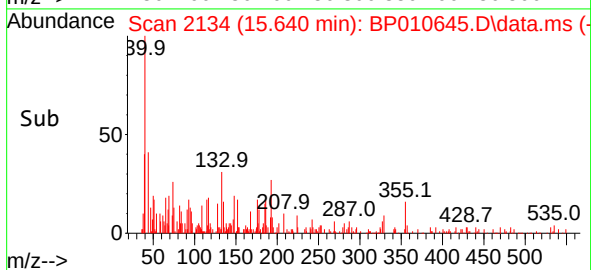
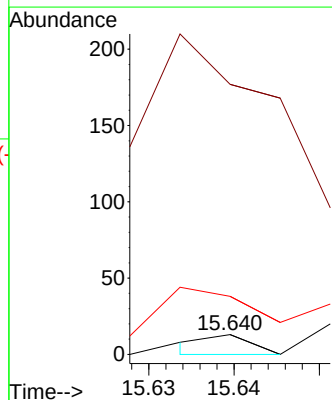
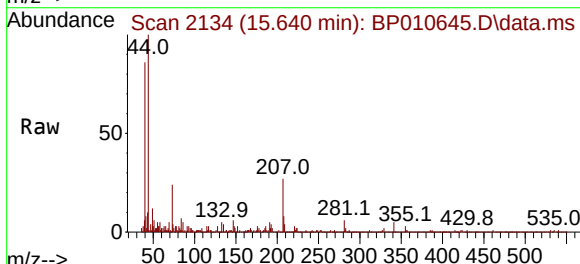
Instrument :
BNA_P
ClientSampleId :
PB145220TB

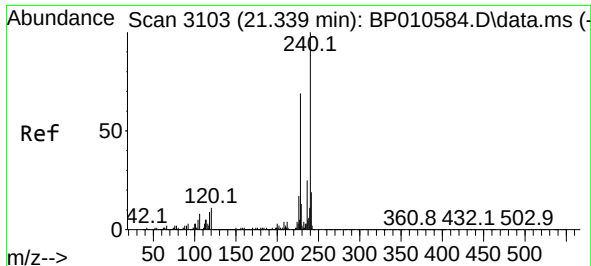
Tgt Ion:188 Resp: 811961
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 10.0 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.604 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP010645.D
Acq: 01 Jun 2022 11:31

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 1361.5 41.2 81.2#
105 423.1 25.3 65.3#

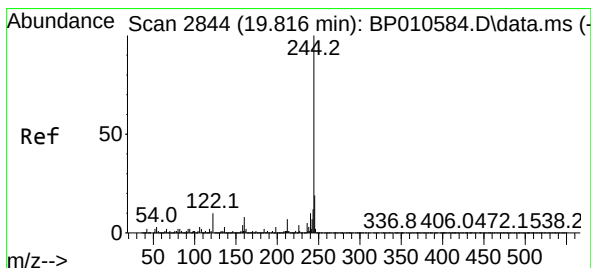
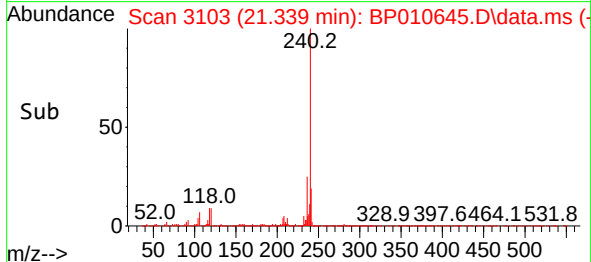
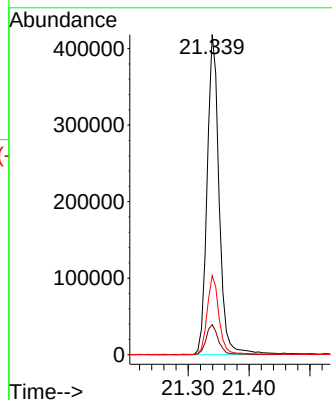
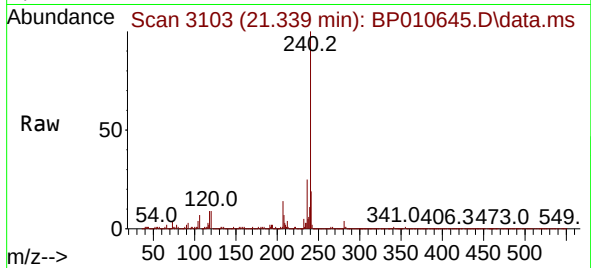




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010645.D
Acq: 01 Jun 2022 11:31

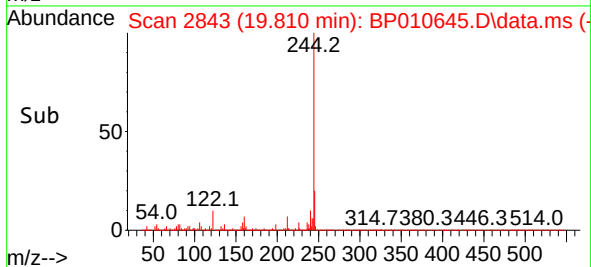
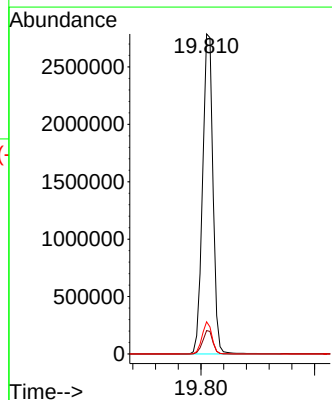
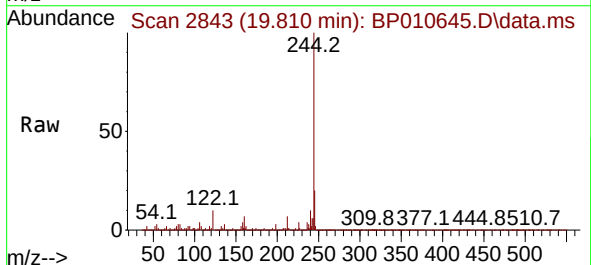
Instrument :
BNA_P
ClientSampleId :
PB145220TB

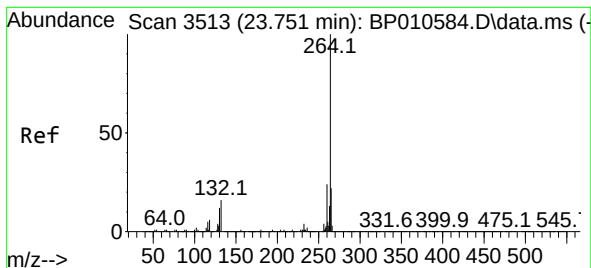
Tgt Ion:240 Resp: 573669
Ion Ratio Lower Upper
240 100
120 9.4 8.6 12.8
236 24.7 19.8 29.6



#79
Terphenyl-d14
Concen: 115.775 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010645.D
Acq: 01 Jun 2022 11:31

Tgt Ion:244 Resp: 3535984
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.0 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: BP010645.D

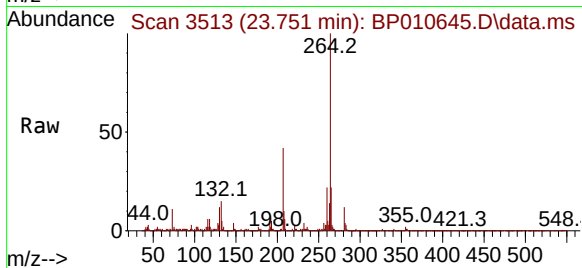
Acq: 01 Jun 2022 11:31

Instrument :

BNA_P

ClientSampleId :

PB145220TB



Tgt Ion:264 Resp: 442878

Ion Ratio Lower Upper

264 100

260 22.2 19.3 28.9

265 22.5 18.0 27.0

