

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015313.D
 Acq On : 26 May 2023 17:25
 Operator : CG/JU
 Sample : 02945-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TWP04

Quant Time: May 26 18:11:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

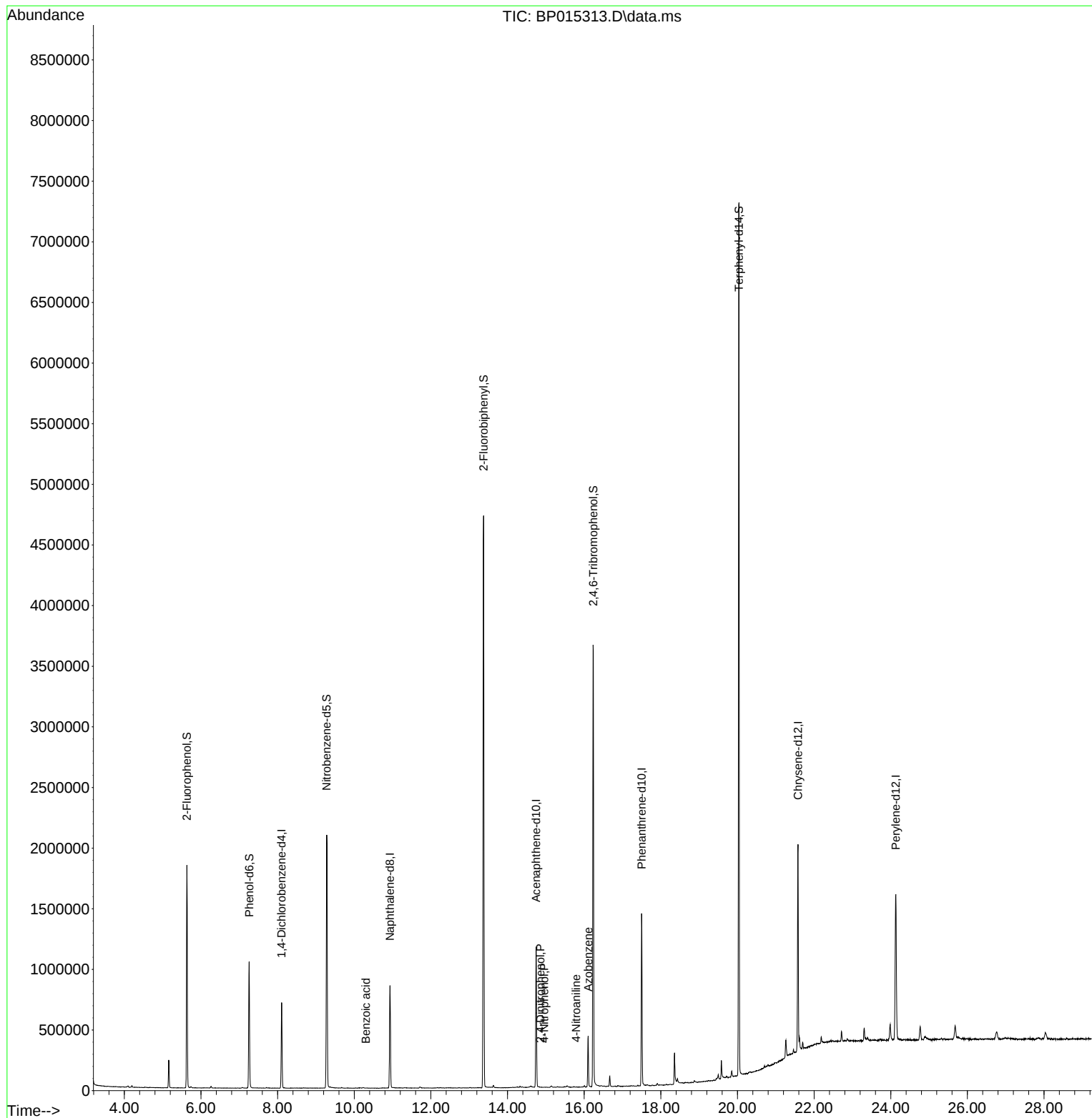
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	179836	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	675965	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	377304	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	815439	20.000	ng	0.00
76) Chrysene-d12	21.580	240	820942	20.000	ng	0.00
86) Perylene-d12	24.133	264	1001704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	730130	67.276	ng	0.00
7) Phenol-d6	7.258	99	573399	40.316	ng	0.00
23) Nitrobenzene-d5	9.281	82	1227998	88.700	ng	-0.01
42) 2,4,6-Tribromophenol	16.240	330	688799	134.339	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	2432139	86.542	ng	0.00
79) Terphenyl-d14	20.039	244	3479688	79.727	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.246	77	1320	Below Cal	#	22
32) Benzoic acid	10.305	122	35	6.347 ng	#	1
54) 2,4-Dinitrophenol	14.857	184	22	5.192 ng	#	1
56) 4-Nitrophenol	14.957	139	119	3.449 ng		92
62) 4-Nitroaniline	15.793	138	16	2.307 ng	#	1
63) Azobenzene	16.104	77	123979	4.420 ng	#	1

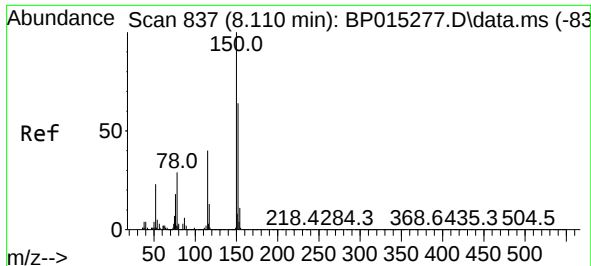
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015313.D
Acq On : 26 May 2023 17:25
Operator : CG/JU
Sample : 02945-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TWP04

Quant Time: May 26 18:11:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:41:43 2023
Response via : Initial Calibration

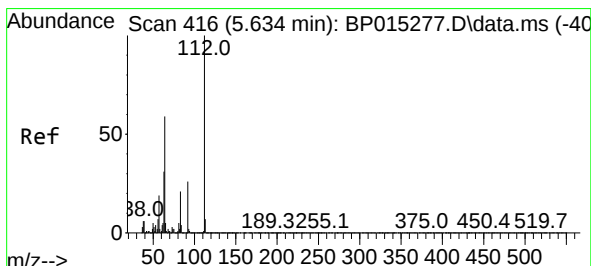
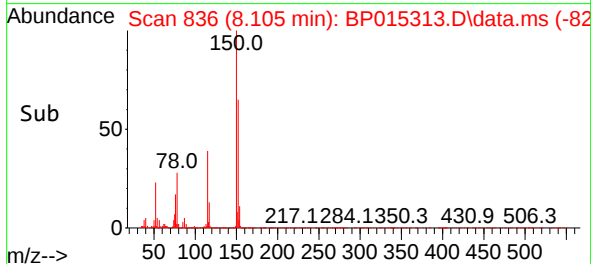
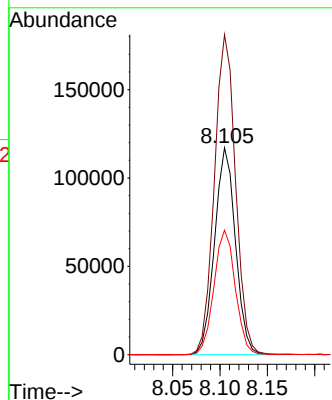
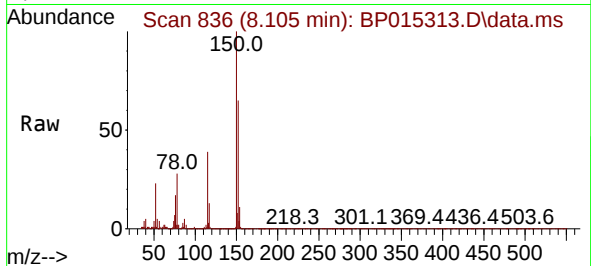




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

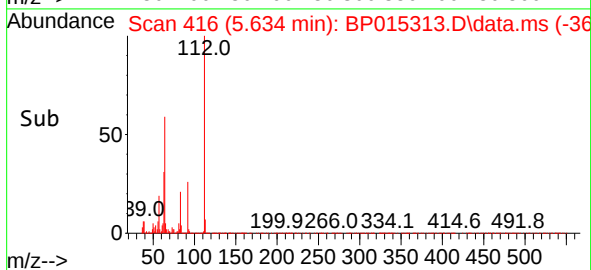
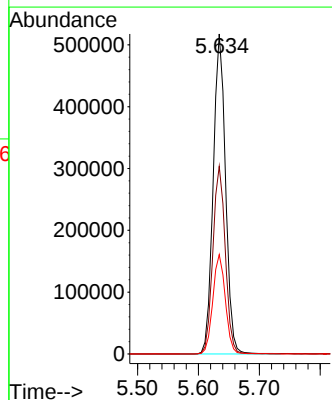
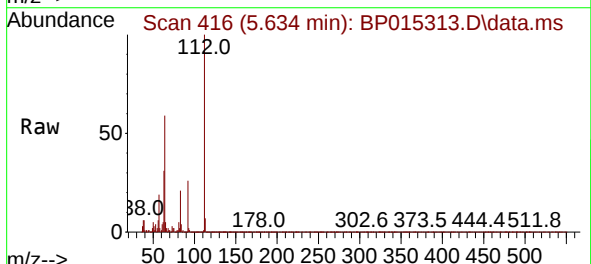
Instrument :
BNA_P
ClientSampleId :
TWP04

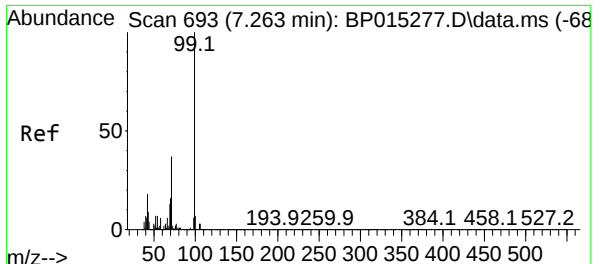
Tgt Ion:152 Resp: 179836
Ion Ratio Lower Upper
152 100
150 154.7 124.2 186.2
115 60.2 49.1 73.7



#5
2-Fluorophenol
Concen: 67.276 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

Tgt Ion:112 Resp: 730130
Ion Ratio Lower Upper
112 100
64 58.7 47.2 70.8
63 31.1 24.6 37.0

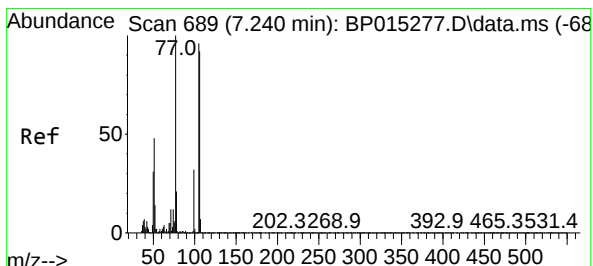
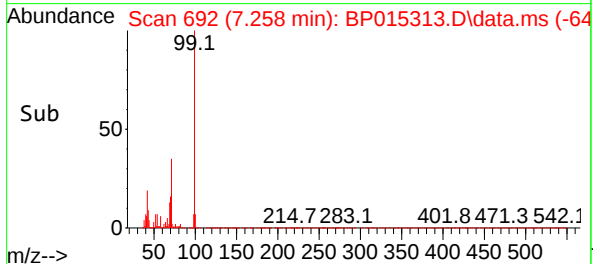
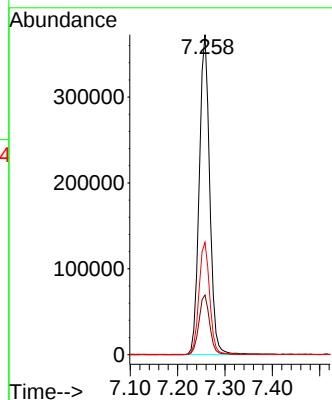
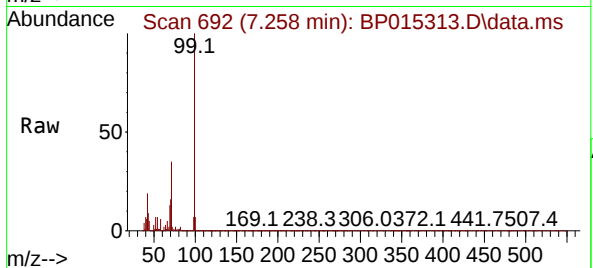




#7
Phenol-d6
Concen: 40.316 ng
RT: 7.258 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

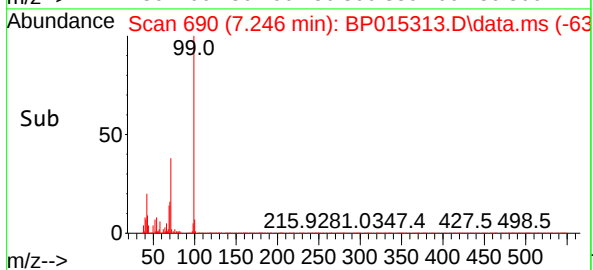
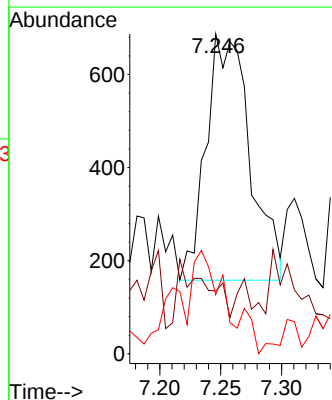
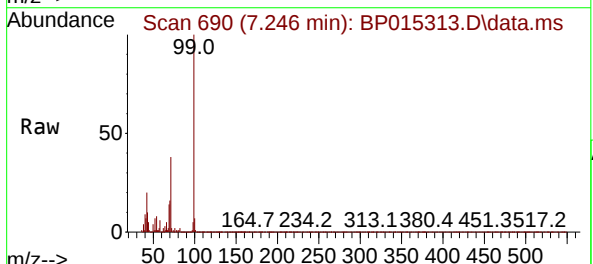
Instrument :
BNA_P
ClientSampleId :
TWP04

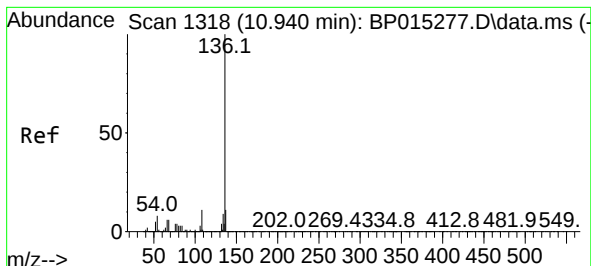
Tgt Ion: 99 Resp: 573399
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 35.1 29.4 44.2



#9
Benzaldehyde
Concen: Below Cal
RT: 7.246 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

Tgt Ion: 77 Resp: 1320
Ion Ratio Lower Upper
77 100
105 19.7 75.9 115.9#
106 18.5 72.3 112.3#

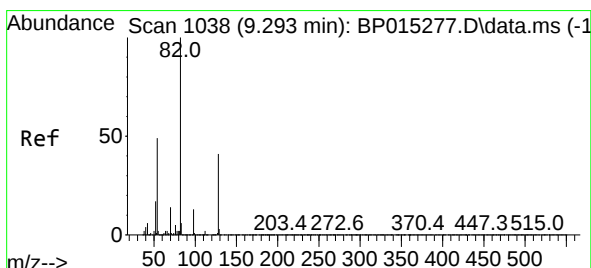
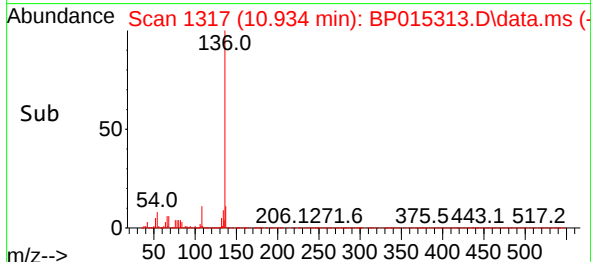
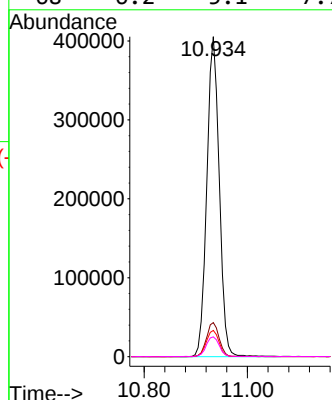
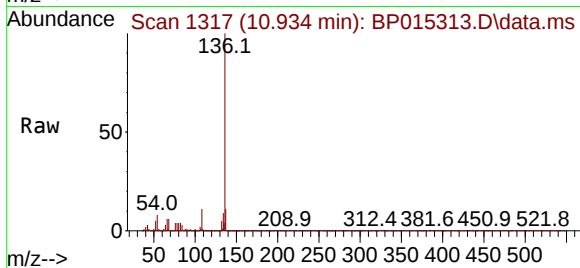




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

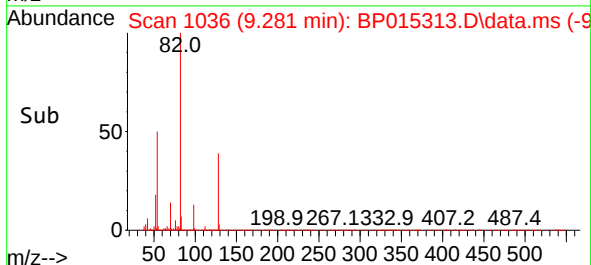
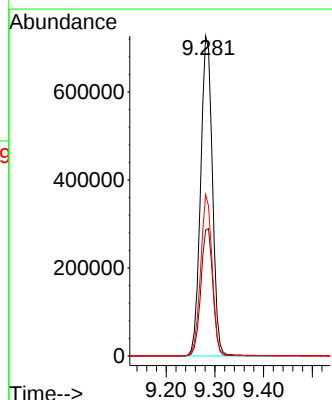
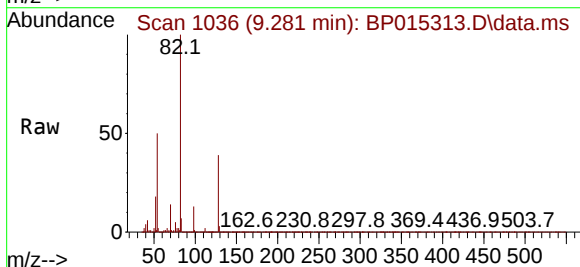
Instrument :
BNA_P
ClientSampleId :
TWP04

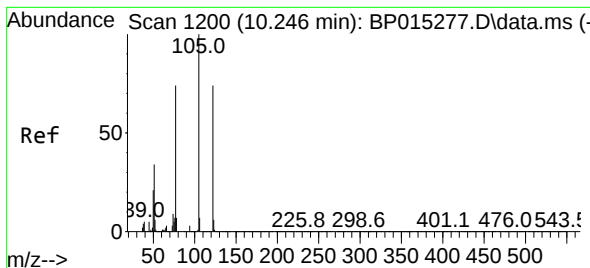
Tgt Ion:	136	Resp:	675965
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.2	6.3	9.5
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 88.700 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

Tgt Ion:	82	Resp:	1227998
Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.0	49.4
54	50.4	39.2	58.8





#32

Benzoic acid

Concen: 6.347 ng

RT: 10.305 min Scan# 11

Delta R.T. 0.059 min

Lab File: BP015313.D

Acq: 26 May 2023 17:25

Instrument :

BNA_P

ClientSampleId :

TWP04

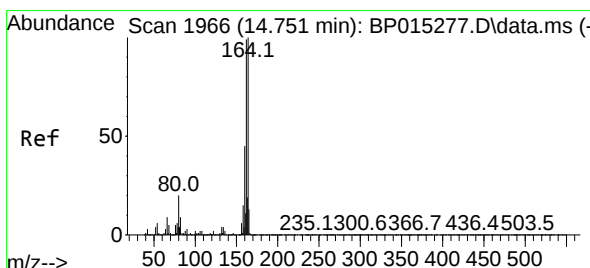
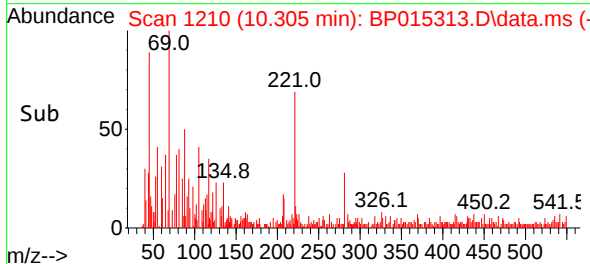
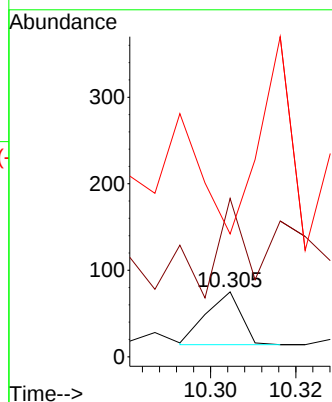
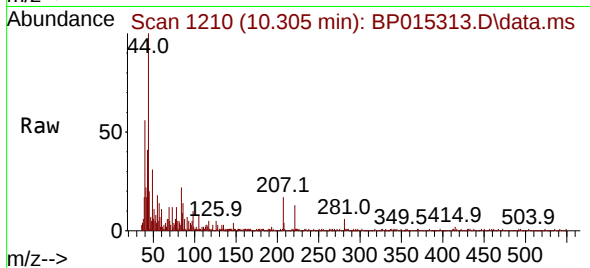
Tgt Ion:122 Resp: 35

Ion Ratio Lower Upper

122 100

105 265.3 109.5 149.5#

77 189.3 78.2 118.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.746 min Scan# 1965

Delta R.T. -0.006 min

Lab File: BP015313.D

Acq: 26 May 2023 17:25

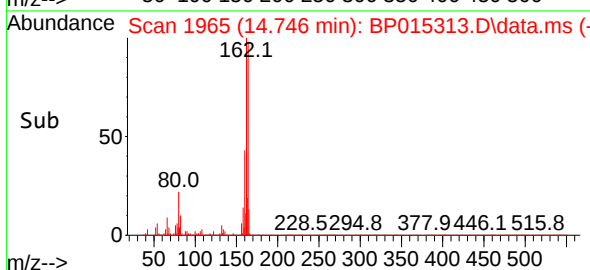
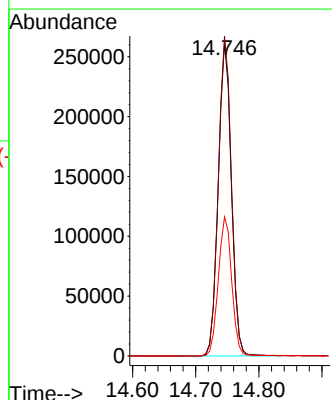
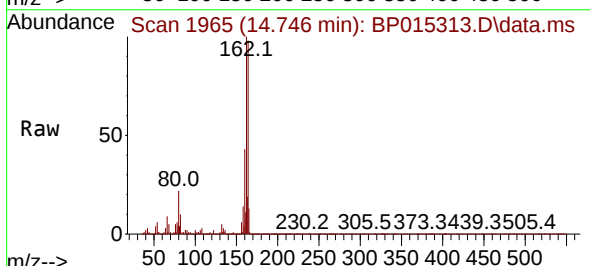
Tgt Ion:164 Resp: 377304

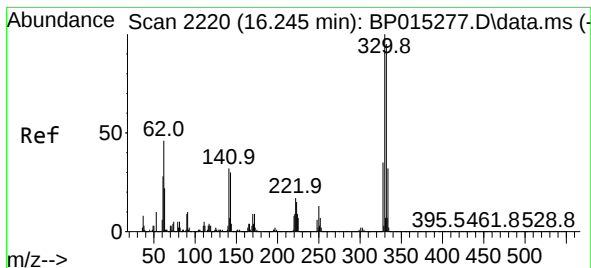
Ion Ratio Lower Upper

164 100

162 102.0 79.4 119.2

160 44.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 134.339 ng

RT: 16.240 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015313.D

Acq: 26 May 2023 17:25

Instrument :

BNA_P

ClientSampleId :

TWP04

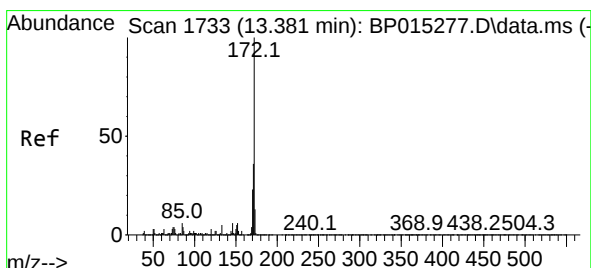
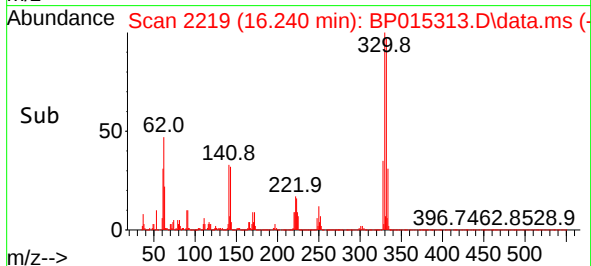
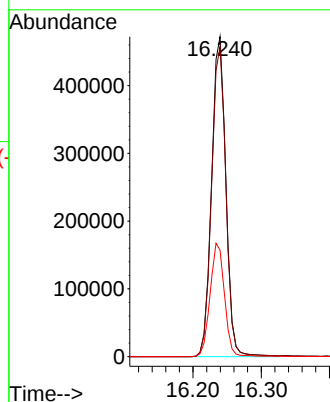
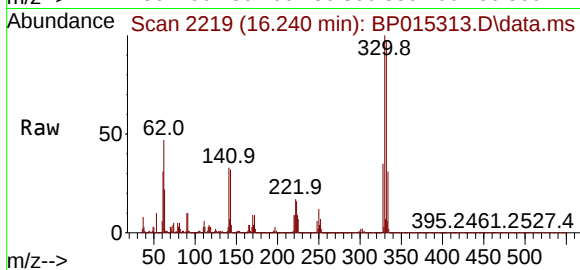
Tgt Ion:330 Resp: 688799

Ion Ratio Lower Upper

330 100

332 97.6 76.3 114.5

141 36.0 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 86.542 ng

RT: 13.375 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP015313.D

Acq: 26 May 2023 17:25

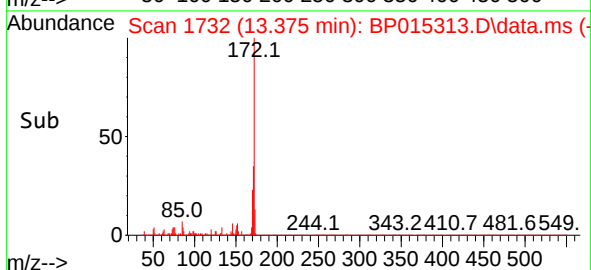
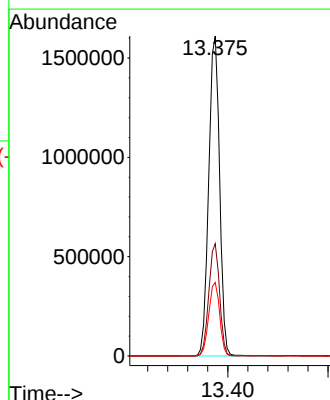
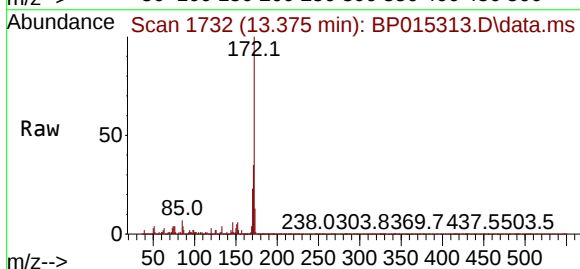
Tgt Ion:172 Resp: 2432139

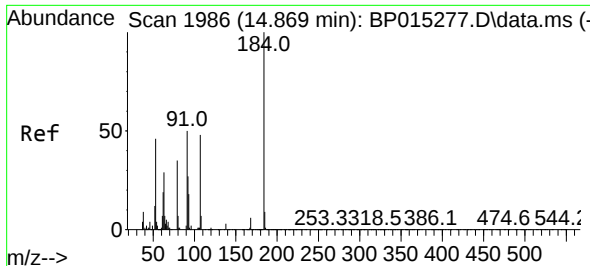
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.0 18.7 28.1

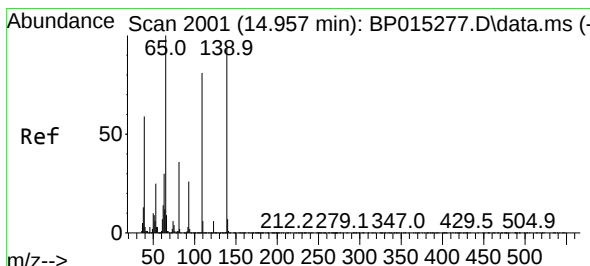
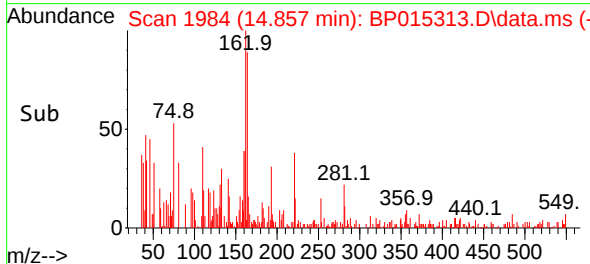
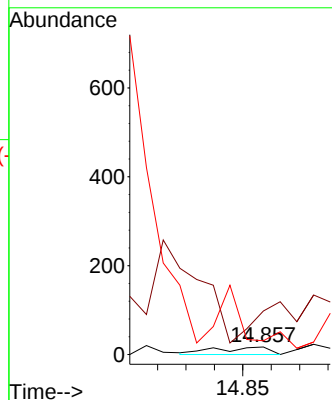
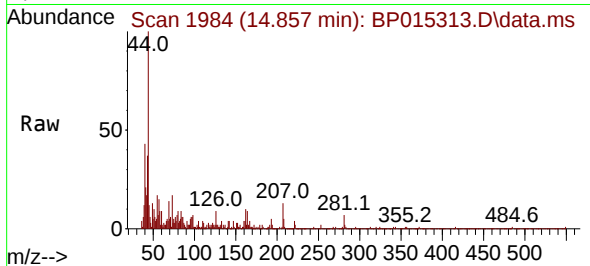




#54
2,4-Dinitrophenol
Concen: 5.192 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

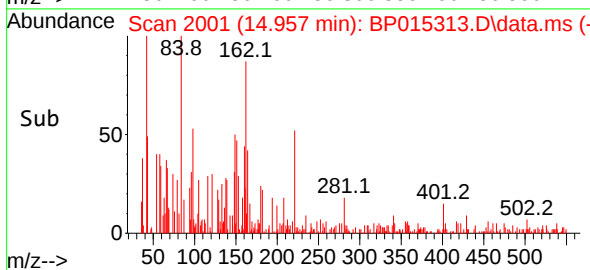
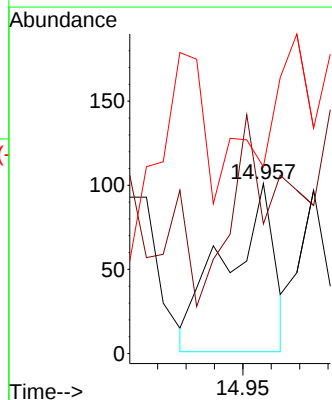
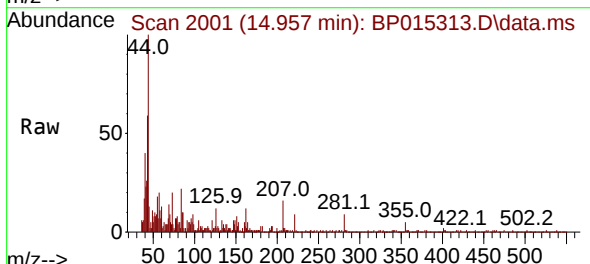
Instrument :
BNA_P
ClientSampleId :
TWP04

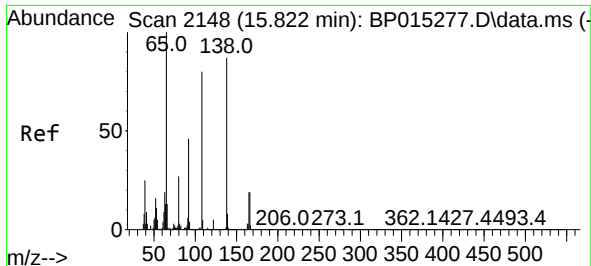
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 576.5 56.2 84.4#
154 182.4 53.2 79.8#



#56
4-Nitrophenol
Concen: 3.449 ng
RT: 14.957 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

Tgt Ion:139 Resp: 119
Ion Ratio Lower Upper
139 100
109 99.0 66.5 106.5
65 109.9 86.6 126.6

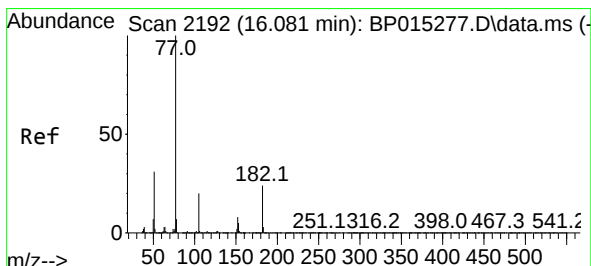
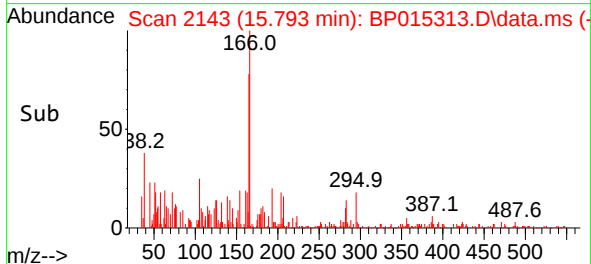
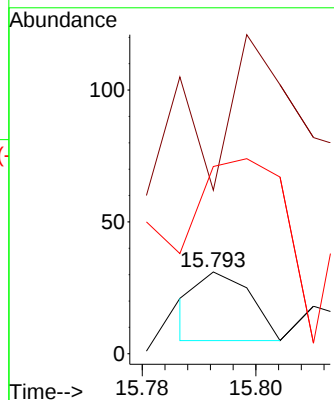
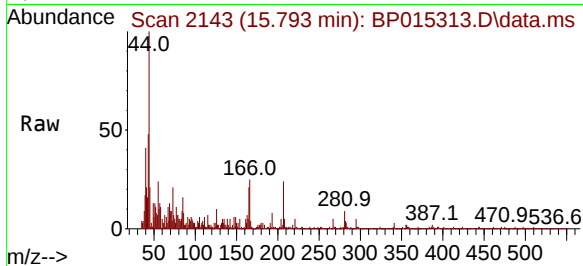




#62
4-Nitroaniline
Concen: 2.307 ng
RT: 15.793 min Scan# 2143
Delta R.T. -0.029 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

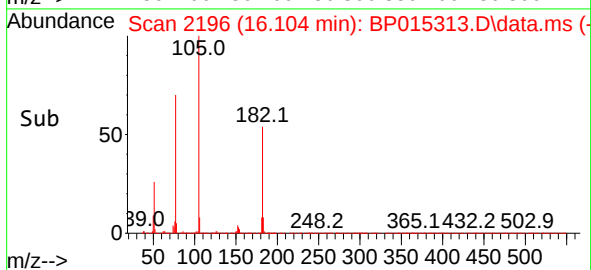
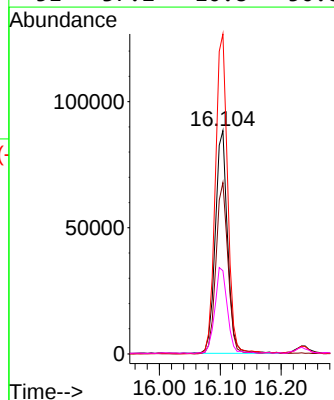
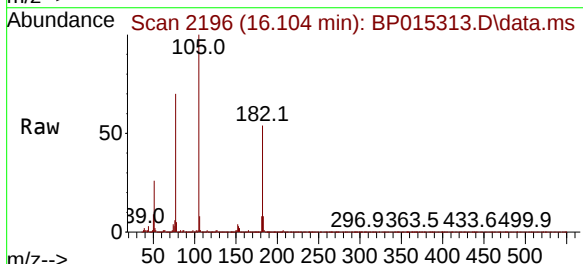
Instrument :
BNA_P
ClientSampleId :
TWP04

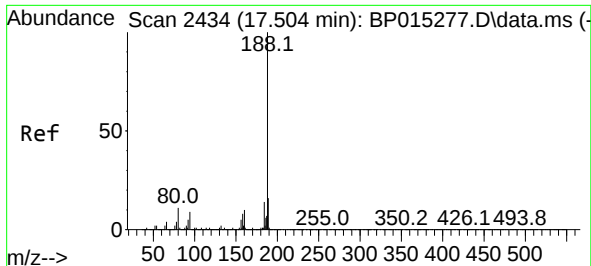
Tgt Ion:138 Resp: 16
Ion Ratio Lower Upper
138 100
92 200.0 33.1 73.1#
108 229.0 71.0 111.0#



#63
Azobenzene
Concen: 4.420 ng
RT: 16.104 min Scan# 2196
Delta R.T. 0.024 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

Tgt Ion: 77 Resp: 123979
Ion Ratio Lower Upper
77 100
182 76.7 3.9 43.9#
105 143.2 0.3 40.3#
51 37.2 10.8 50.8

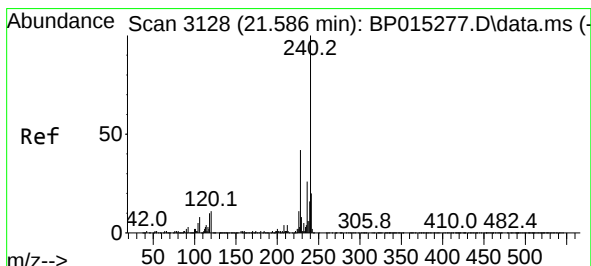
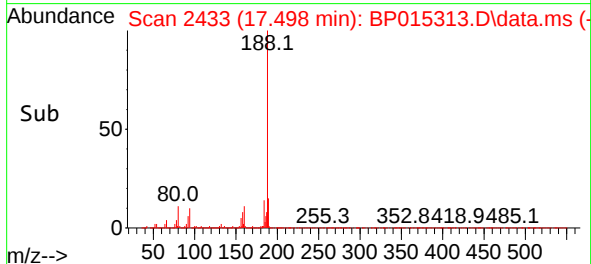
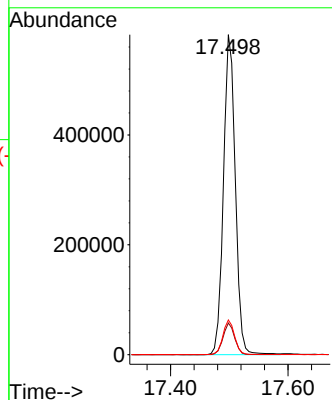
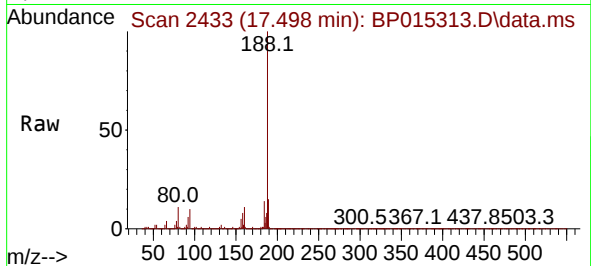




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

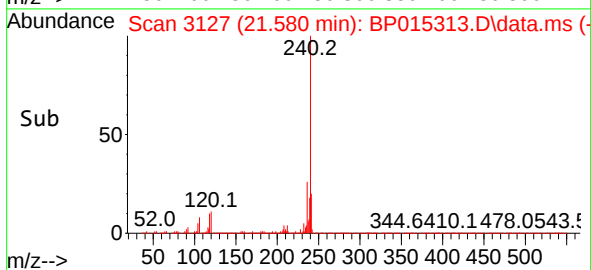
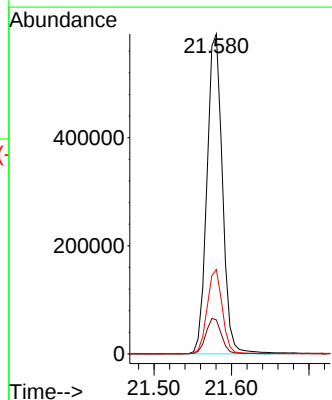
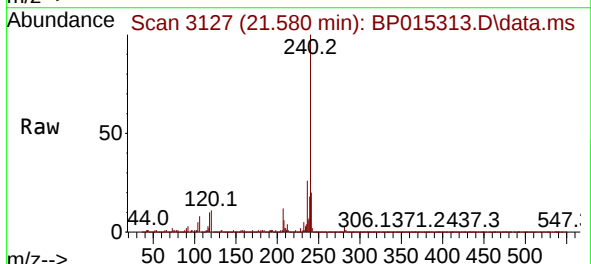
Instrument :
BNA_P
ClientSampleId :
TWP04

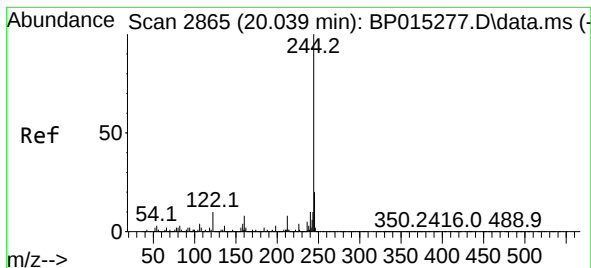
Tgt Ion:188 Resp: 815439
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 10.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP015313.D
Acq: 26 May 2023 17:25

Tgt Ion:240 Resp: 820942
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 26.3 20.5 30.7





#79

Terphenyl-d14

Concen: 79.727 ng

RT: 20.039 min Scan# 2865

Delta R.T. 0.000 min

Lab File: BP015313.D

Acq: 26 May 2023 17:25

Instrument :

BNA_P

ClientSampleId :

TWP04

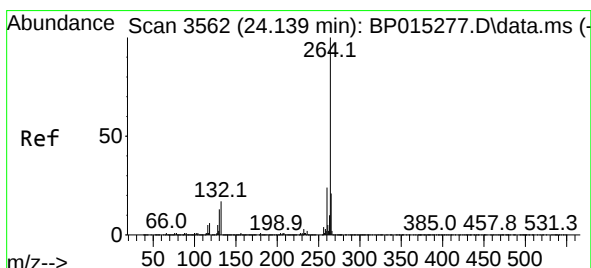
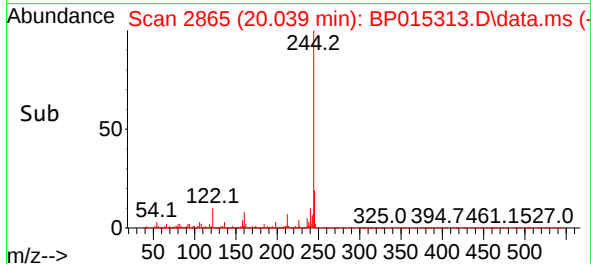
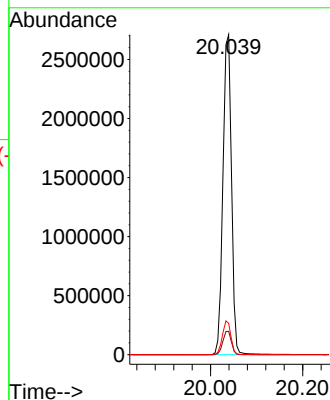
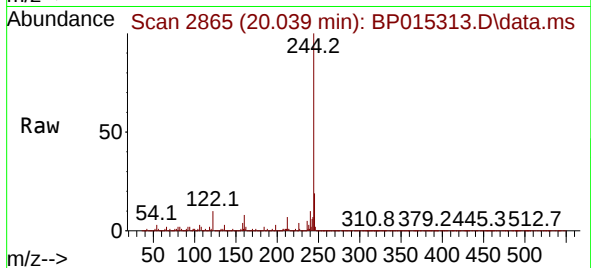
Tgt Ion:244 Resp: 3479688

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.8 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.133 min Scan# 3561

Delta R.T. -0.006 min

Lab File: BP015313.D

Acq: 26 May 2023 17:25

Tgt Ion:264 Resp: 1001704

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 21.5 17.5 26.3

