

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013589.D
 Acq On : 25 Jan 2023 01:35
 Operator : CG/JU
 Sample : 01260-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-25

Quant Time: Jan 25 03:54:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

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

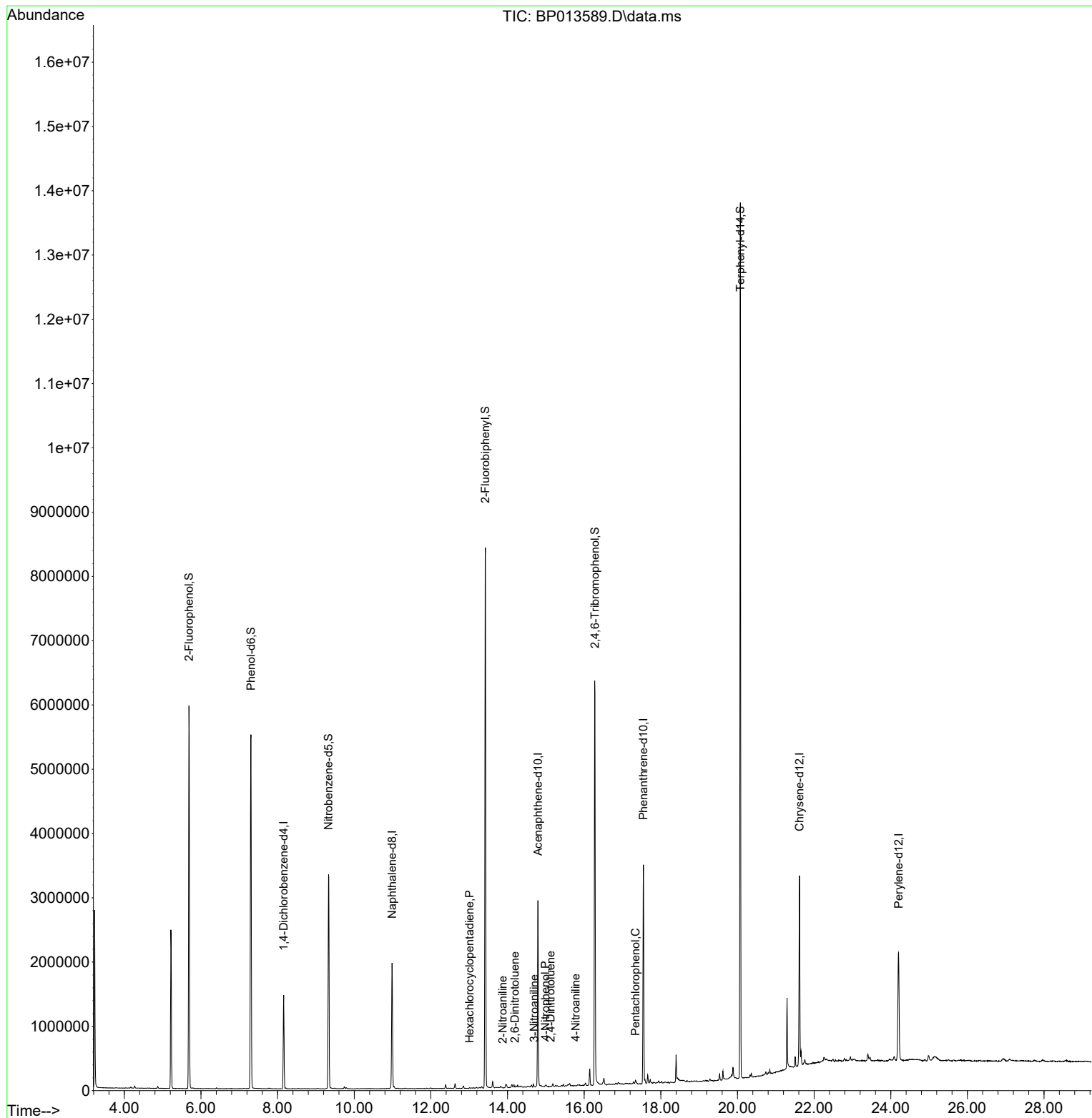
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	400320	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1654903	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	983605	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	2090451	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1423534	20.000	ng	-0.01
86) Perylene-d12	24.204	264	1408199	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2699847	115.553	ng	0.00
7) Phenol-d6	7.305	99	3492940	111.078	ng	0.00
23) Nitrobenzene-d5	9.328	82	1942305	77.482	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	1332603	135.070	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	4580431	63.921	ng	0.00
79) Terphenyl-d14	20.074	244	6521011	82.410	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	13.010	237	16	3.904	ng	75
48) 2-Nitroaniline	13.875	65	303	6.235	ng	# 43
51) 2,6-Dinitrotoluene	14.192	165	498	5.195	ng	86
53) 3-Nitroaniline	14.692	138	699	5.446	ng	# 59
54) 2,4-Dinitrophenol	14.887	184	27	Below Cal		# 1
56) 4-Nitrophenol	14.987	139	2254	5.362	ng	# 55
57) 2,4-Dinitrotoluene	15.128	165	437	5.217	ng	# 67
62) 4-Nitroaniline	15.781	138	170	3.673	ng	90
70) Pentachlorophenol	17.339	266	56	5.332	ng	90

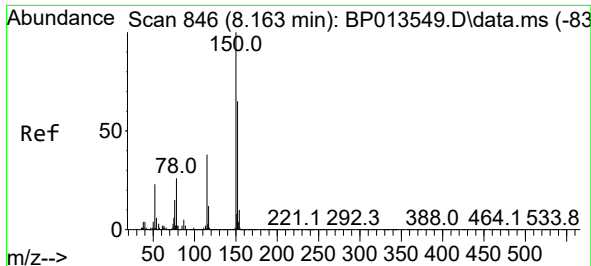
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
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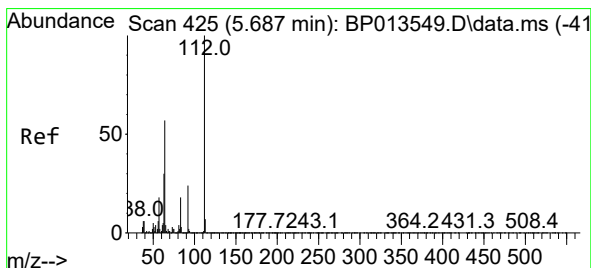
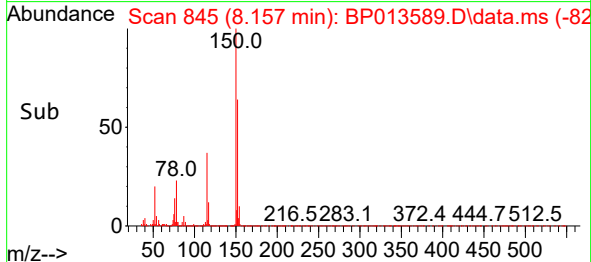
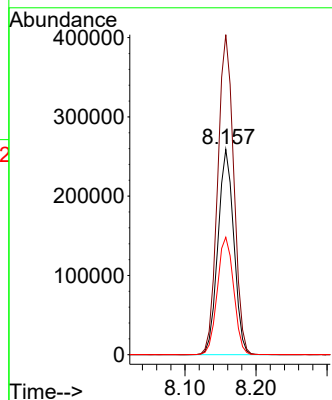
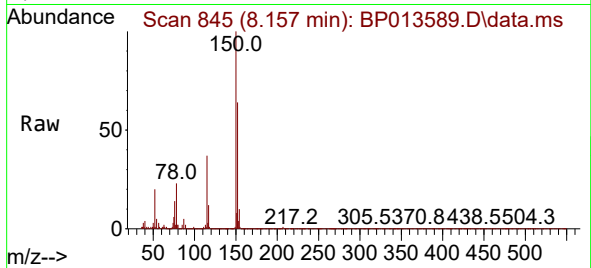




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.157 min Scan# 846
Delta R.T. -0.007 min
Lab File: BP013589.D
Acq: 25 Jan 2023 01:35

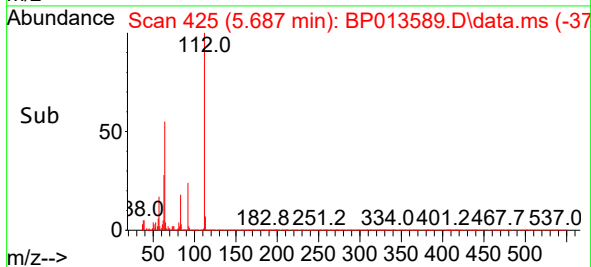
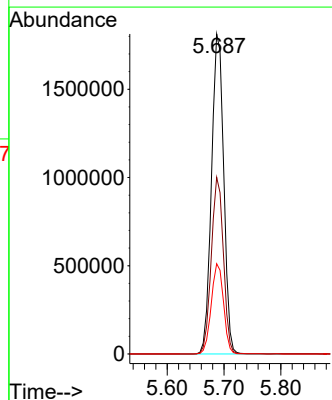
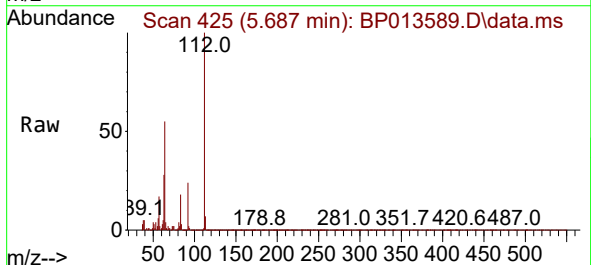
Instrument :
BNA_P
ClientSampleId :
TP-25

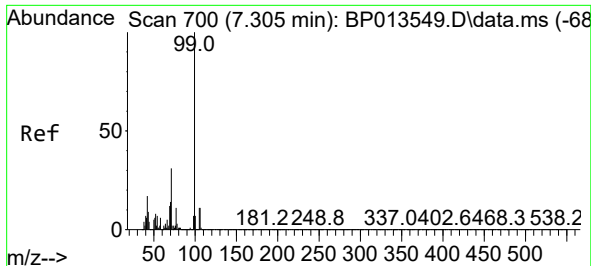
Tgt Ion:152 Resp: 400320
Ion Ratio Lower Upper
152 100
150 155.8 122.4 183.6
115 57.2 46.1 69.1



#5
2-Fluorophenol
Concen: 115.553 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013589.D
Acq: 25 Jan 2023 01:35

Tgt Ion:112 Resp: 2699847
Ion Ratio Lower Upper
112 100
64 55.2 45.4 68.0
63 28.2 24.1 36.1

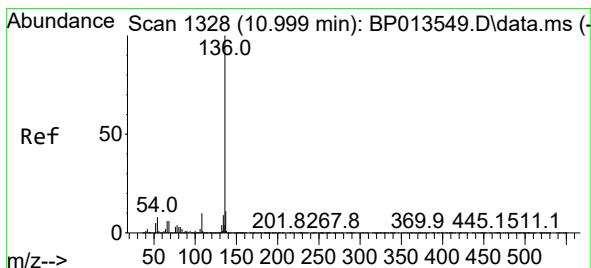
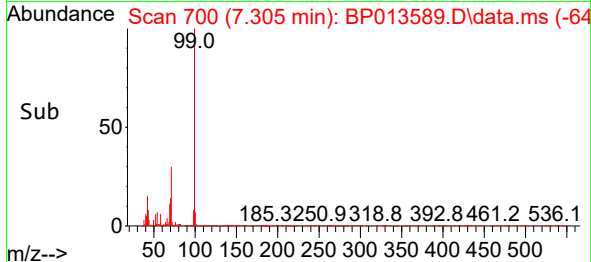
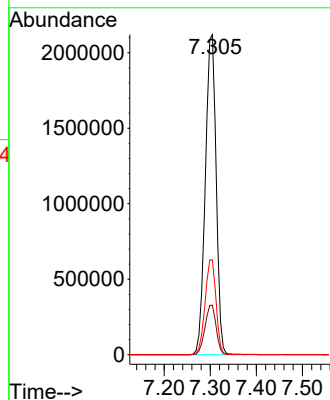
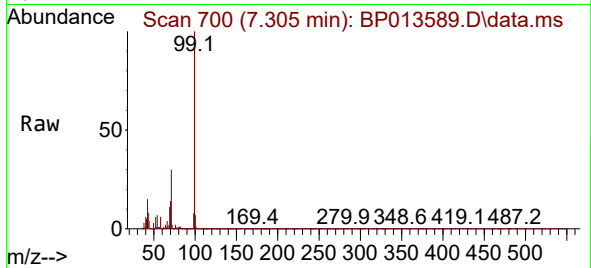




#7
Phenol-d6
Concen: 111.078 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013589.D
Acq: 25 Jan 2023 01:35

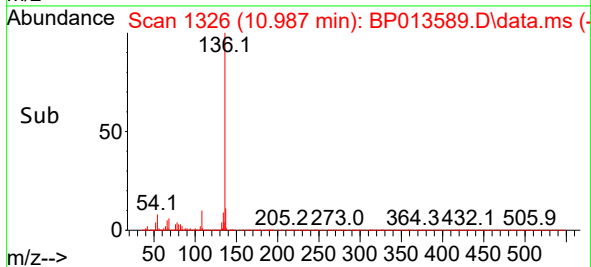
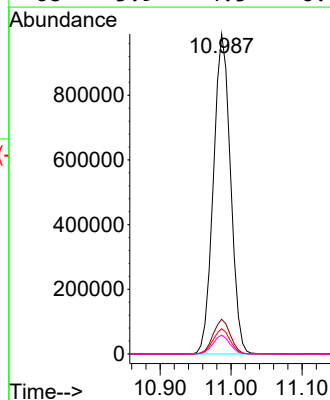
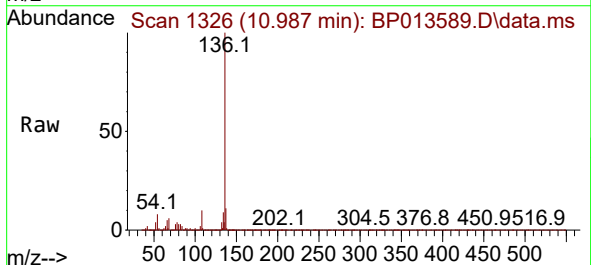
Instrument :
BNA_P
ClientSampleId :
TP-25

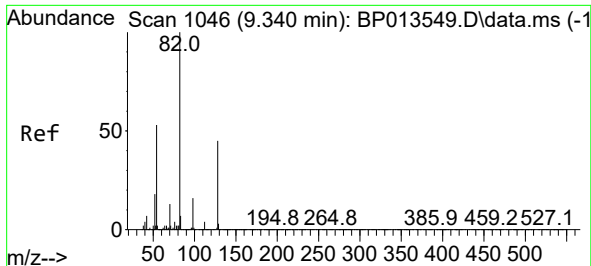
Tgt Ion: 99 Resp: 3492940
Ion Ratio Lower Upper
99 100
42 15.4 14.0 21.0
71 29.6 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013589.D
Acq: 25 Jan 2023 01:35

Tgt Ion:136 Resp: 1654903
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.9 6.6 9.8
68 5.9 4.5 6.7

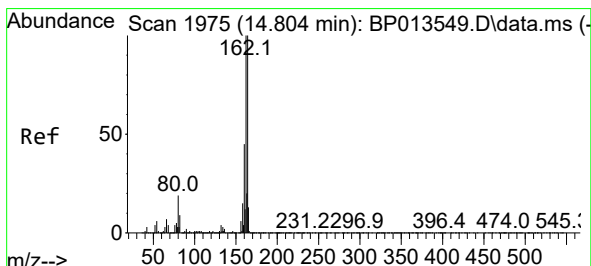
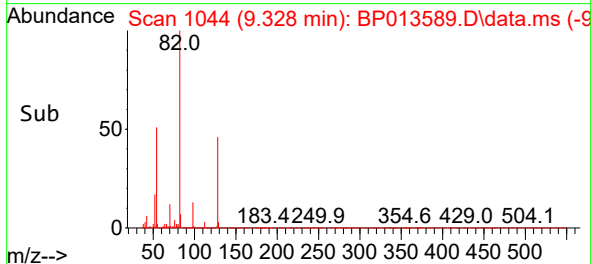
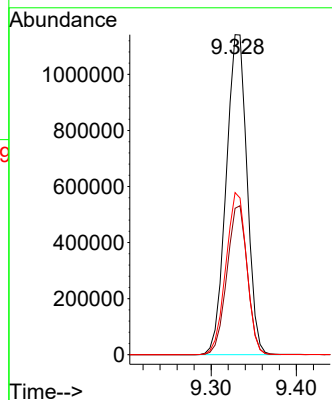
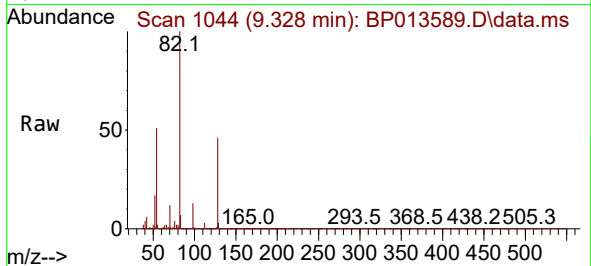




#23
Nitrobenzene-d5
Concen: 77.482 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013589.D
Acq: 25 Jan 2023 01:35

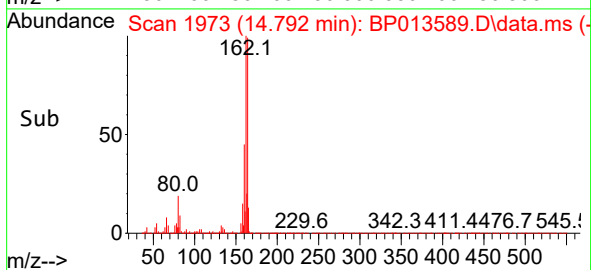
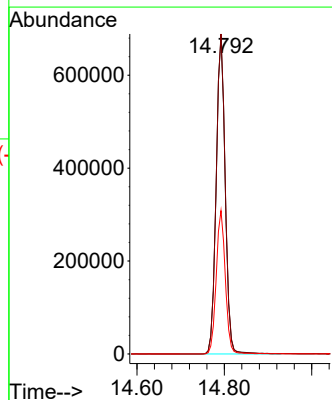
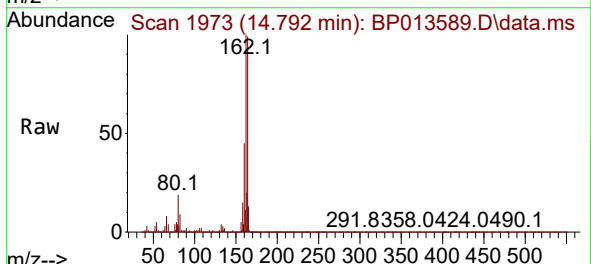
Instrument :
BNA_P
ClientSampleId :
TP-25

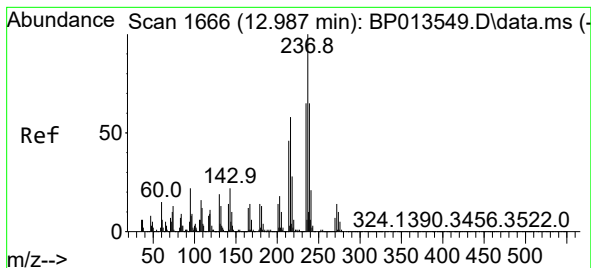
Tgt Ion: 82 Resp: 1942305
Ion Ratio Lower Upper
82 100
128 45.8 35.8 53.6
54 50.7 42.6 64.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP013589.D
Acq: 25 Jan 2023 01:35

Tgt Ion: 164 Resp: 983605
Ion Ratio Lower Upper
164 100
162 100.8 80.1 120.1
160 45.2 35.9 53.9





#41

Hexachlorocyclopentadiene

Concen: 3.904 ng

RT: 13.010 min Scan# 1670

Delta R.T. 0.029 min

Lab File: BP013589.D

Acq: 25 Jan 2023 01:35

Instrument :

BNA_P

ClientSampleId :

TP-25

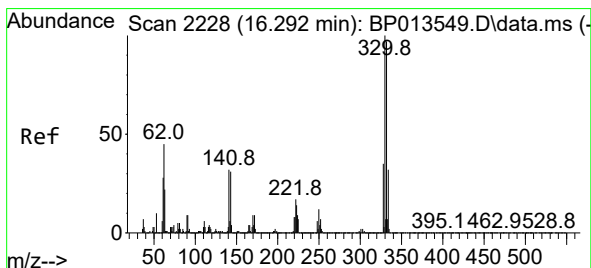
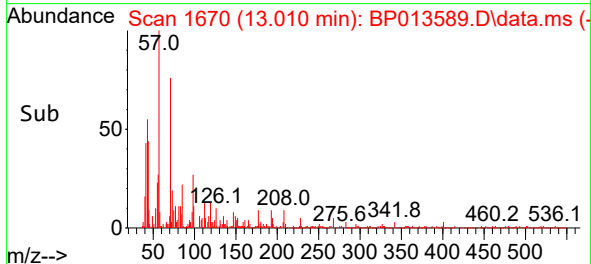
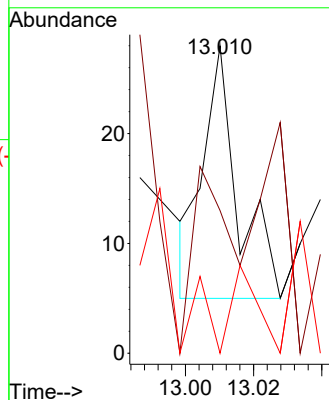
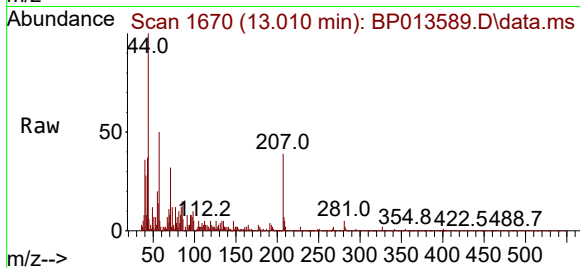
Tgt Ion:237 Resp: 16

Ion Ratio Lower Upper

237 100

235 46.4 44.6 84.6

272 0.0 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 135.070 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.006 min

Lab File: BP013589.D

Acq: 25 Jan 2023 01:35

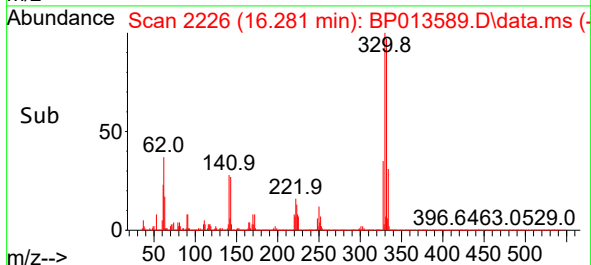
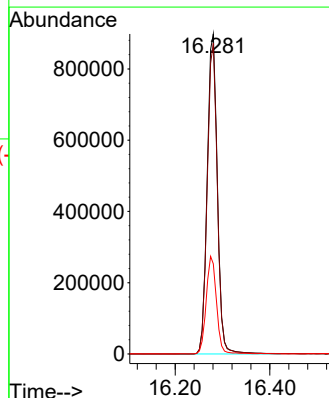
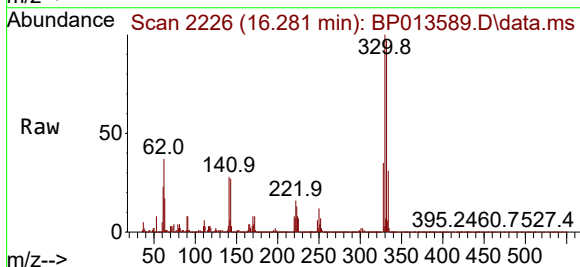
Tgt Ion:330 Resp: 1332603

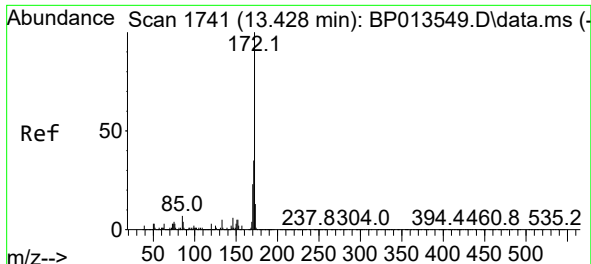
Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

141 30.9 27.6 41.4

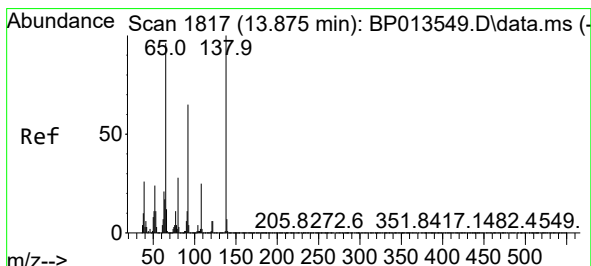
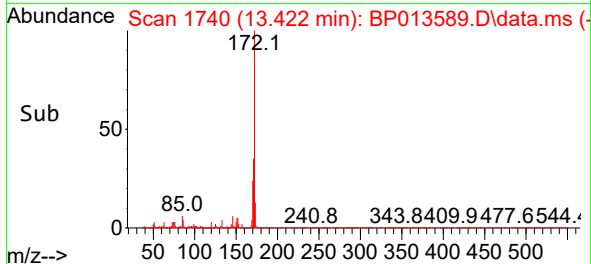
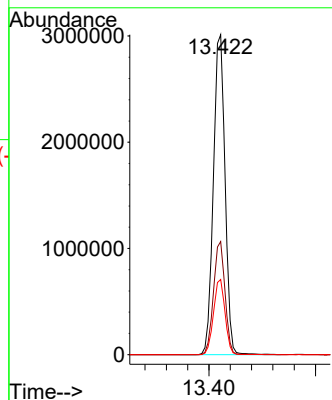
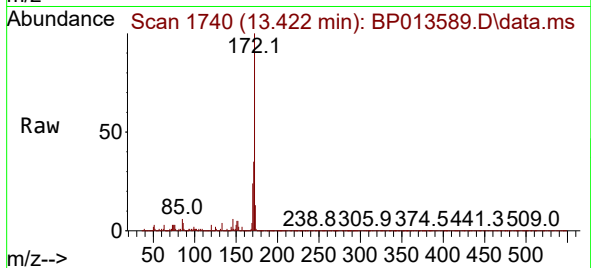




#45
2-Fluorobiphenyl
Concen: 63.921 ng
RT: 13.422 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BP013589.D
Acq: 25 Jan 2023 01:35

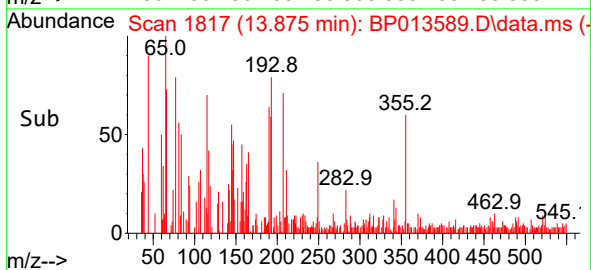
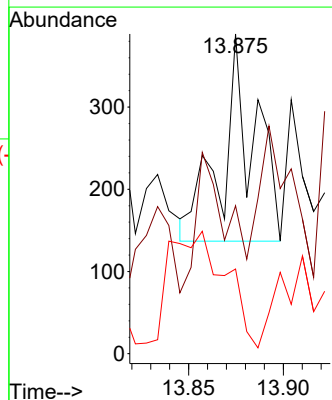
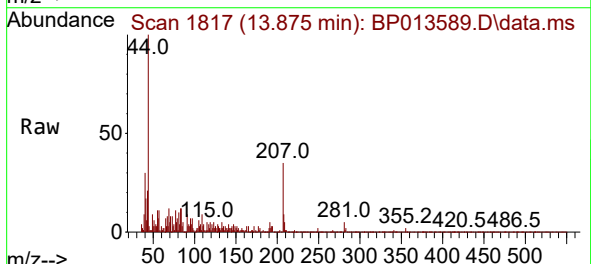
Instrument :
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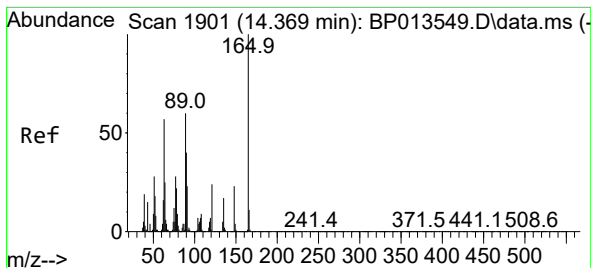
Tgt Ion:172 Resp: 4580431
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.5 18.6 27.8



#48
2-Nitroaniline
Concen: 6.235 ng
RT: 13.875 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BP013589.D
Acq: 25 Jan 2023 01:35

Tgt Ion: 65 Resp: 303
Ion Ratio Lower Upper
65 100
92 46.3 54.1 81.1#
138 26.5 83.6 125.4#





#51

2,6-Dinitrotoluene

Concen: 5.195 ng

RT: 14.192 min Scan# 1871

Delta R.T. -0.171 min

Lab File: BP013589.D

Acq: 25 Jan 2023 01:35

Instrument :

BNA_P

ClientSampleId :

TP-25

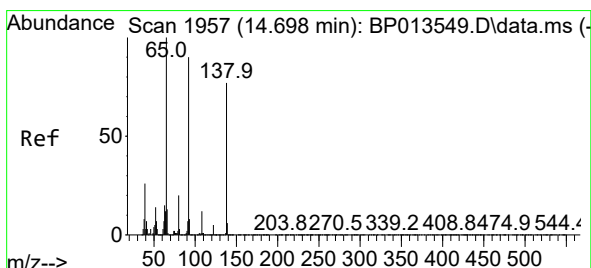
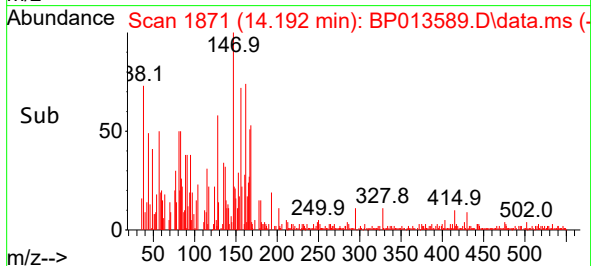
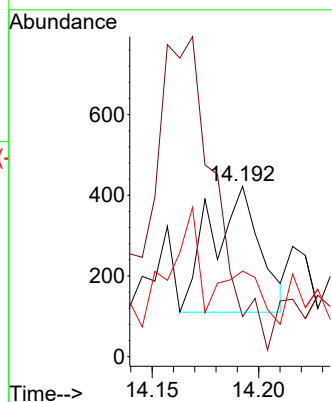
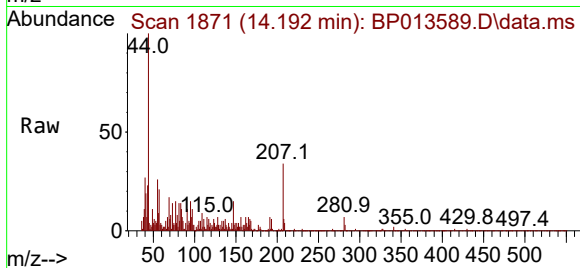
Tgt Ion:165 Resp: 498

Ion Ratio Lower Upper

165 100

63 47.4 47.2 70.8

89 50.2 47.8 71.6



#53

3-Nitroaniline

Concen: 5.446 ng

RT: 14.692 min Scan# 1956

Delta R.T. -0.000 min

Lab File: BP013589.D

Acq: 25 Jan 2023 01:35

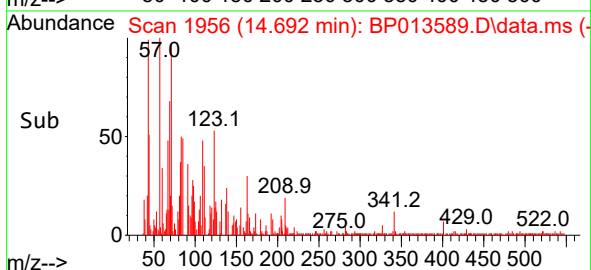
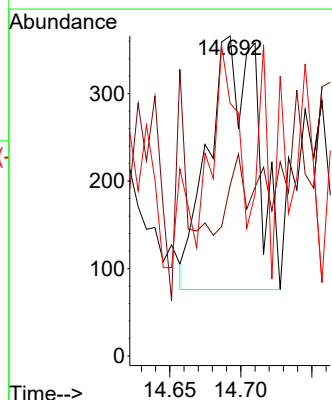
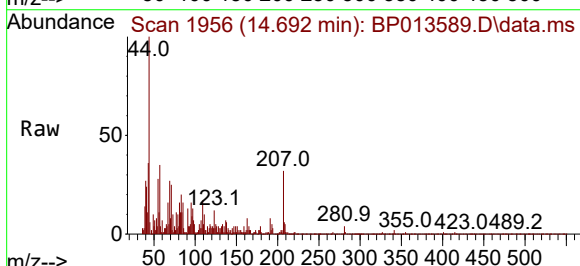
Tgt Ion:138 Resp: 699

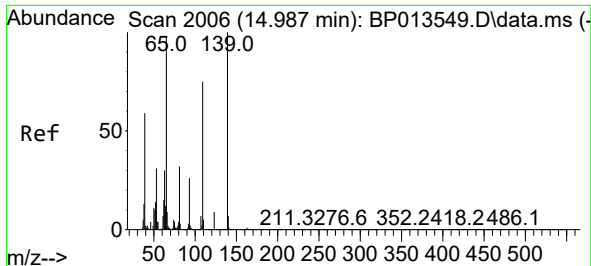
Ion Ratio Lower Upper

138 100

108 53.3 12.8 19.2#

92 79.0 93.3 139.9#

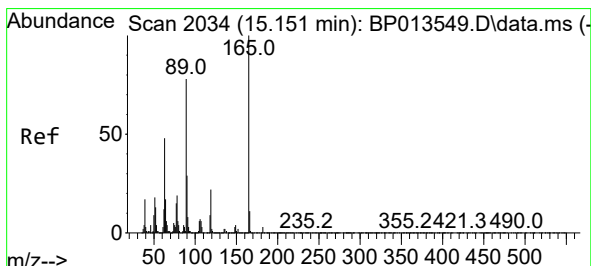
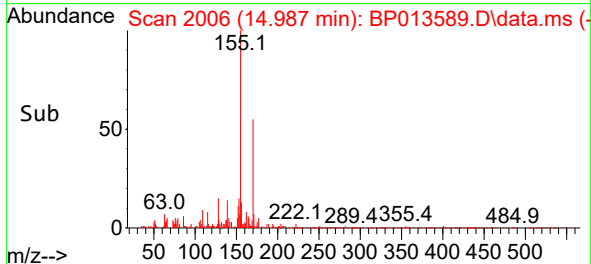
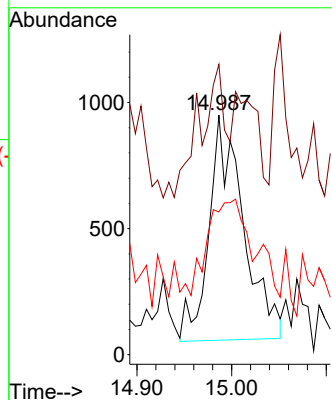
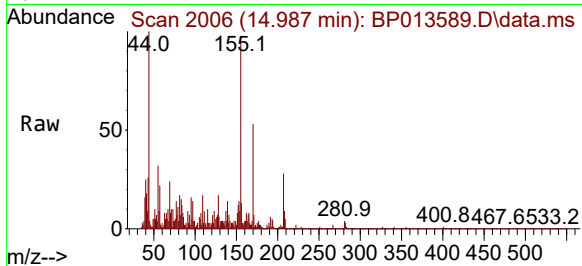




#56
4-Nitrophenol
Concen: 5.362 ng
RT: 14.987 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BP013589.D
Acq: 25 Jan 2023 01:35

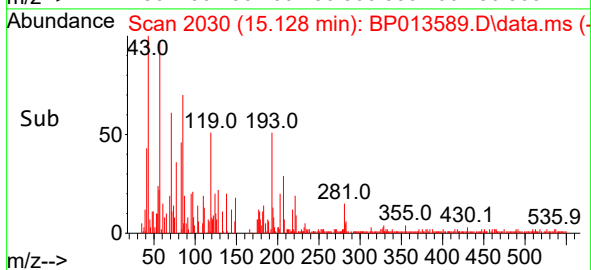
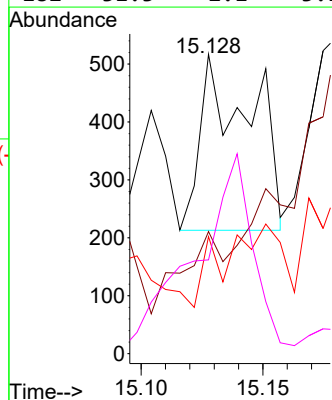
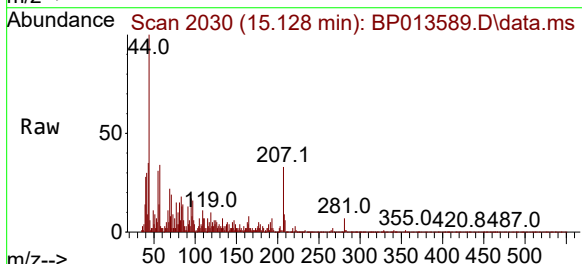
Instrument :
BNA_P
ClientSampleId :
TP-25

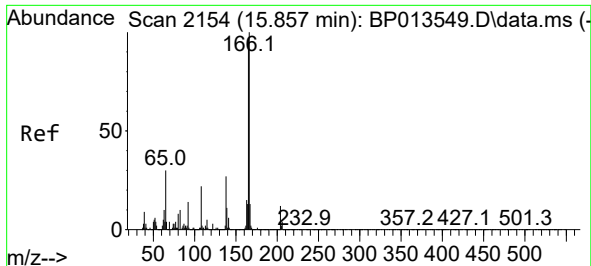
Tgt Ion:139 Resp: 2254
Ion Ratio Lower Upper
139 100
109 121.2 55.0 95.0#
65 59.6 77.7 117.7#



#57
2,4-Dinitrotoluene
Concen: 5.217 ng
RT: 15.128 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BP013589.D
Acq: 25 Jan 2023 01:35

Tgt Ion:165 Resp: 437
Ion Ratio Lower Upper
165 100
63 40.8 38.3 57.5
89 39.1 62.1 93.1#
182 31.3 2.1 3.1#

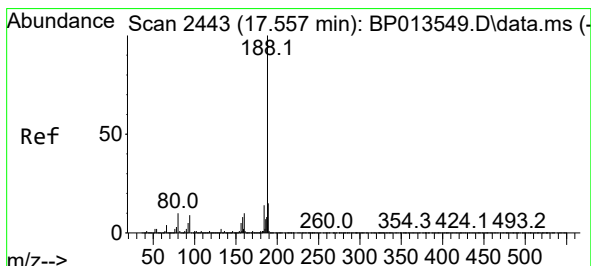
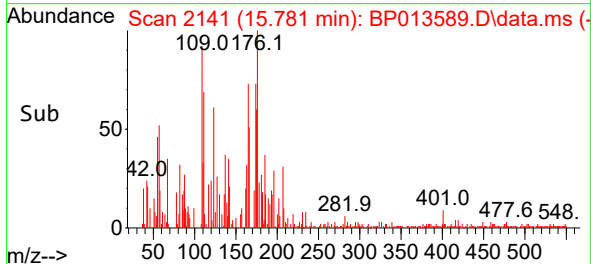
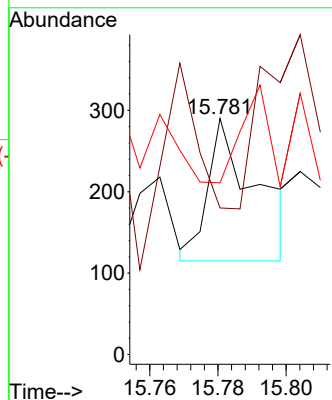
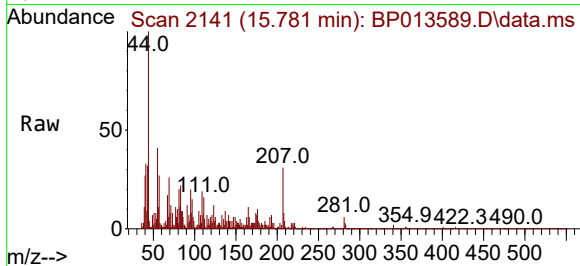




#62
4-Nitroaniline
Concen: 3.673 ng
RT: 15.781 min Scan# 2154
Delta R.T. -0.077 min
Lab File: BP013589.D
Acq: 25 Jan 2023 01:35

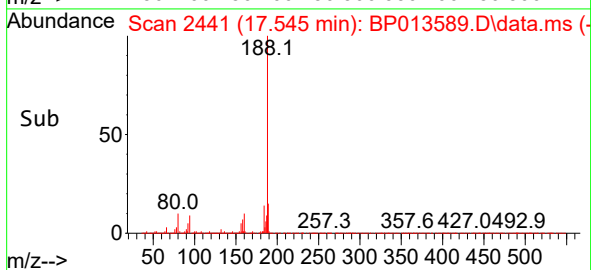
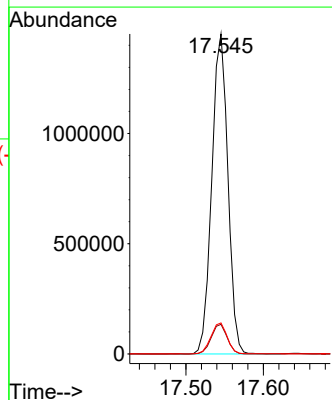
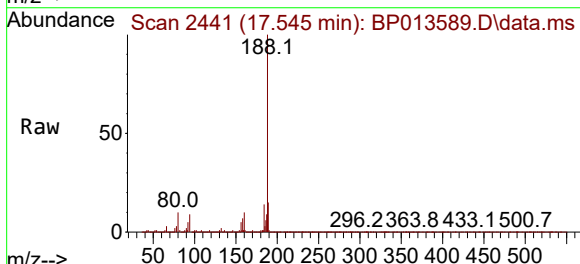
Instrument :
BNA_P
ClientSampleId :
TP-25

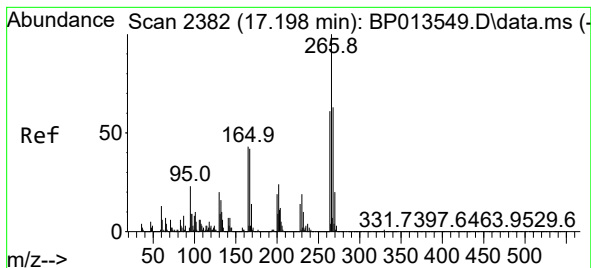
Tgt Ion:138 Resp: 170
Ion Ratio Lower Upper
138 100
92 62.1 32.3 72.3
108 72.8 59.2 99.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013589.D
Acq: 25 Jan 2023 01:35

Tgt Ion:188 Resp: 2090451
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.7 8.2 12.2





#70

Pentachlorophenol

Concen: 5.332 ng

RT: 17.339 min Scan# 2406

Delta R.T. 0.147 min

Lab File: BP013589.D

Acq: 25 Jan 2023 01:35

Instrument :

BNA_P

ClientSampleId :

TP-25

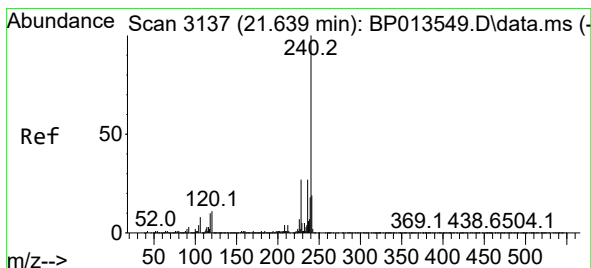
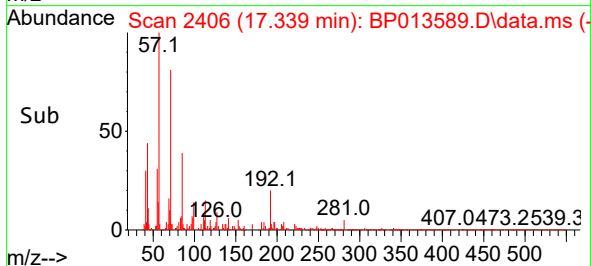
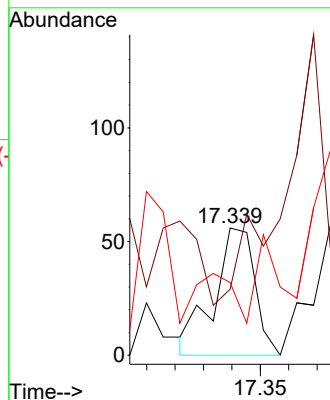
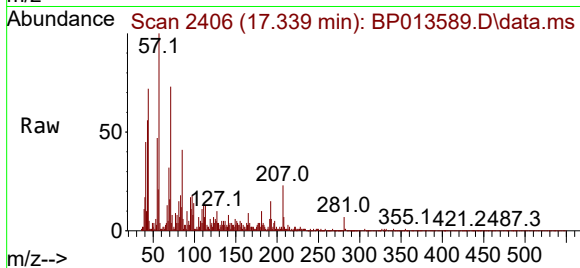
Tgt Ion:266 Resp: 56

Ion Ratio Lower Upper

266 100

268 51.8 50.7 76.1

264 57.1 48.9 73.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3133

Delta R.T. -0.012 min

Lab File: BP013589.D

Acq: 25 Jan 2023 01:35

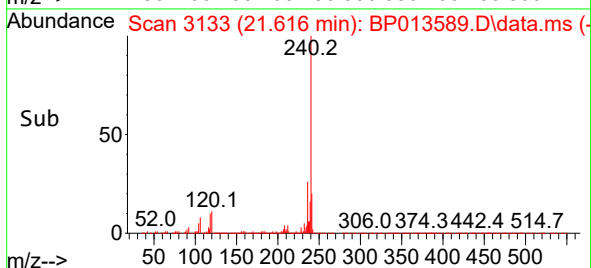
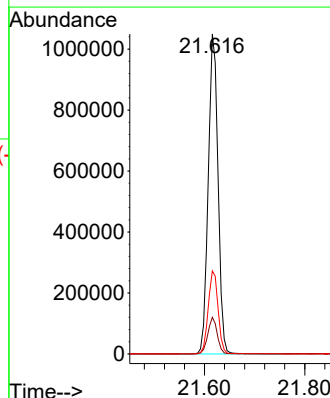
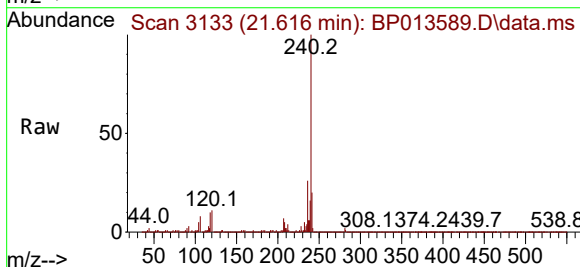
Tgt Ion:240 Resp: 1423534

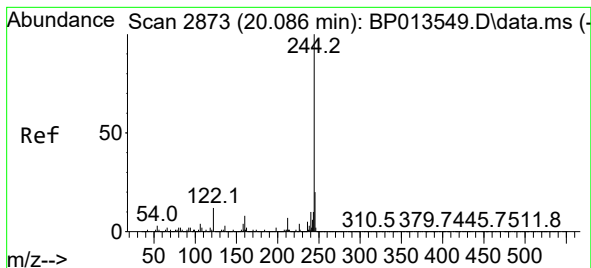
Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

236 26.0 21.3 31.9





#79

Terphenyl-d14

Concen: 82.410 ng

RT: 20.074 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013589.D

Acq: 25 Jan 2023 01:35

Instrument :

BNA_P

ClientSampleId :

TP-25

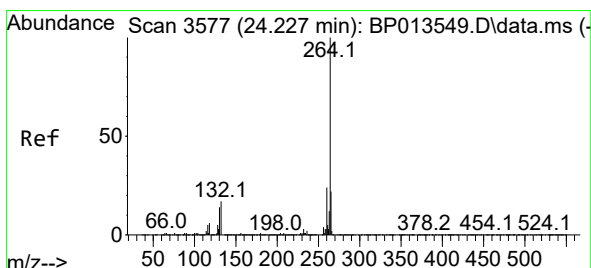
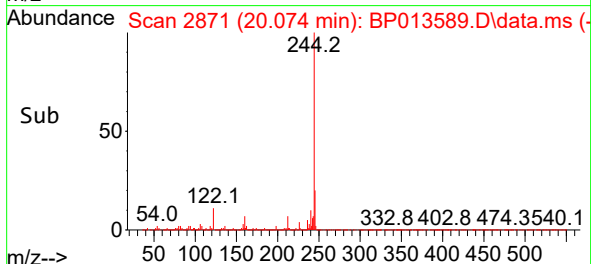
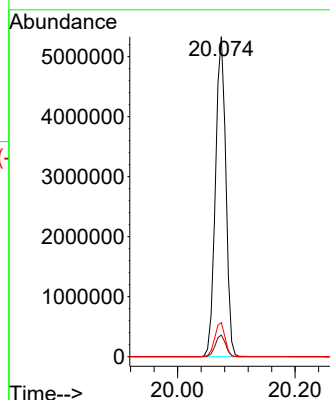
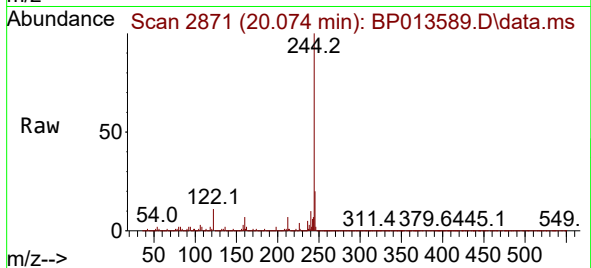
Tgt Ion:244 Resp: 6521011

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.7 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.204 min Scan# 3573

Delta R.T. -0.012 min

Lab File: BP013589.D

Acq: 25 Jan 2023 01:35

Tgt Ion:264 Resp: 1408199

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 21.9 17.4 26.2

