

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013583.D
 Acq On : 24 Jan 2023 22:10
 Operator : CG/JU
 Sample : 01252-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-9

Quant Time: Jan 25 03:52:57 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)

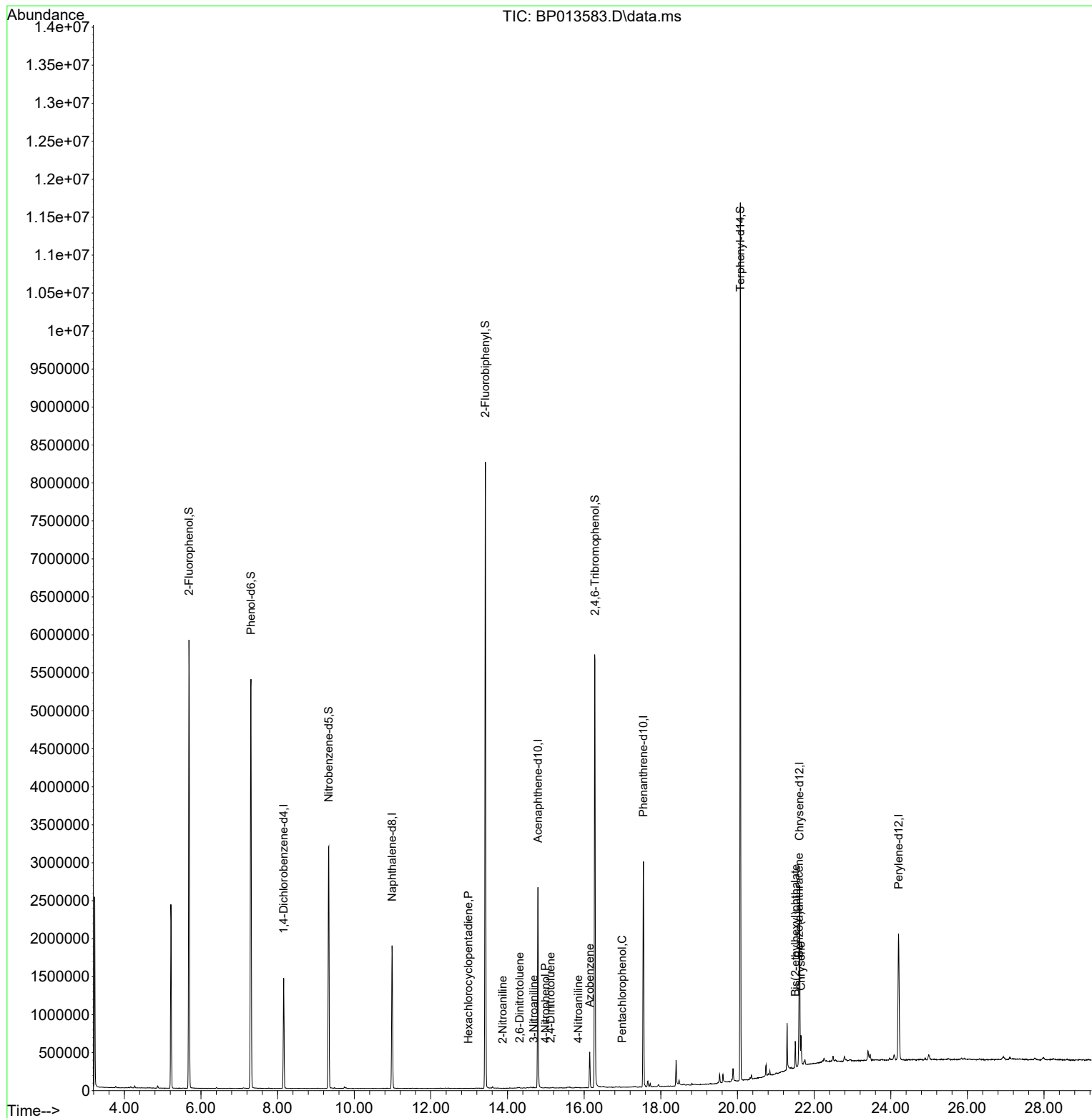
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	397980	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1583872	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	900343	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1789207	20.000	ng	0.00
76) Chrysene-d12	21.622	240	1136694	20.000	ng	0.00
86) Perylene-d12	24.204	264	1343803	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2629151	113.189	ng	0.00
7) Phenol-d6	7.305	99	3390225	108.445	ng	0.00
23) Nitrobenzene-d5	9.334	82	1814583	75.633	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	1181421	130.821	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	4307057	65.665	ng	0.00
79) Terphenyl-d14	20.075	244	5167052	81.777	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	12.981	237	20	3.905	ng	81
48) 2-Nitroaniline	13.875	65	123	6.225	ng	# 51
51) 2,6-Dinitrotoluene	14.316	165	932	5.227	ng	# 45
53) 3-Nitroaniline	14.681	138	419	5.433	ng	# 86
54) 2,4-Dinitrophenol	14.887	184	34	Below Cal		# 1
56) 4-Nitrophenol	14.987	139	1144	5.286	ng	82
57) 2,4-Dinitrotoluene	15.128	165	436	5.219	ng	# 83
62) 4-Nitroaniline	15.845	138	1581	3.765	ng	# 76
63) Azobenzene	16.145	77	129821	2.044	ng	# 1
70) Pentachlorophenol	16.992	266	47	5.332	ng	89
81) Benzo(a)anthracene	21.604	228	205596	2.596	ng	100
83) Chrysene	21.657	228	247550	3.268	ng	100
84) Bis(2-ethylhexyl)phtha...	21.510	149	138841	3.135	ng	99

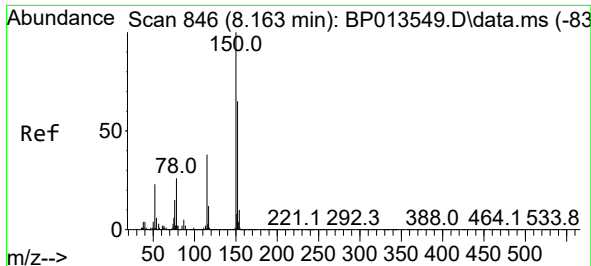
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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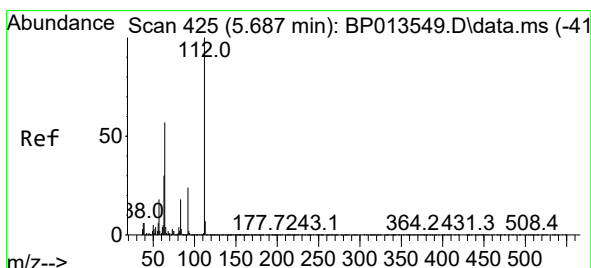
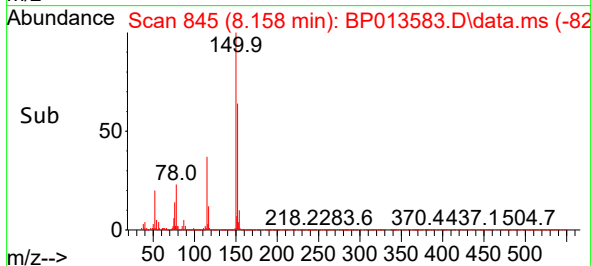
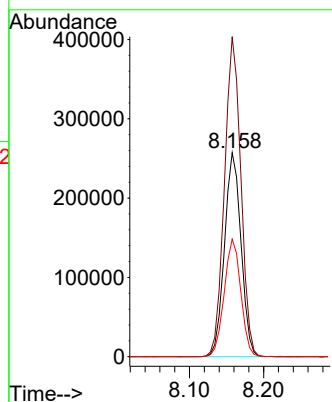
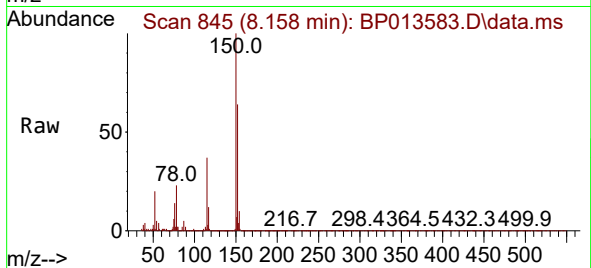




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

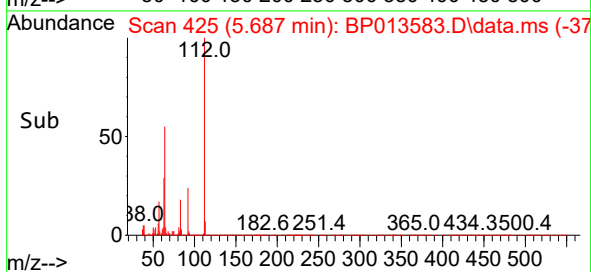
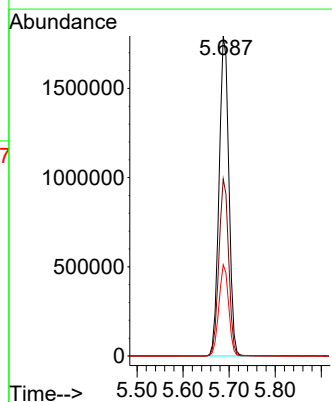
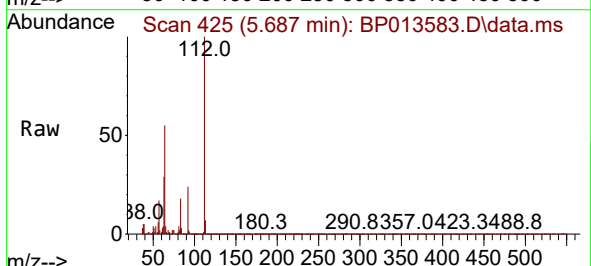
Instrument :
BNA_P
ClientSampleId :
MH-9

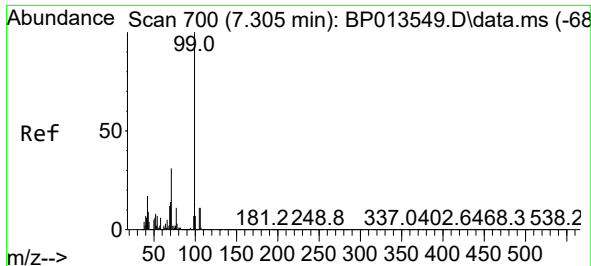
Tgt Ion:152 Resp: 397980
Ion Ratio Lower Upper
152 100
150 156.9 122.4 183.6
115 57.7 46.1 69.1



#5
2-Fluorophenol
Concen: 113.189 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

Tgt Ion:112 Resp: 2629151
Ion Ratio Lower Upper
112 100
64 55.3 45.4 68.0
63 28.5 24.1 36.1



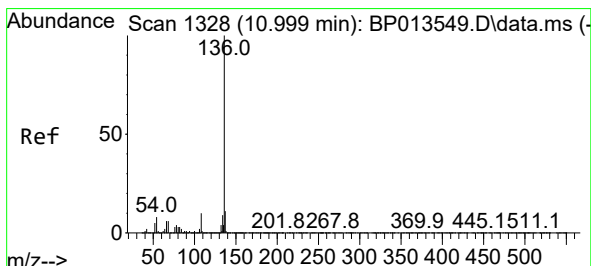
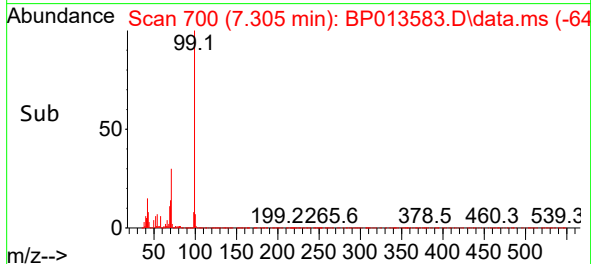
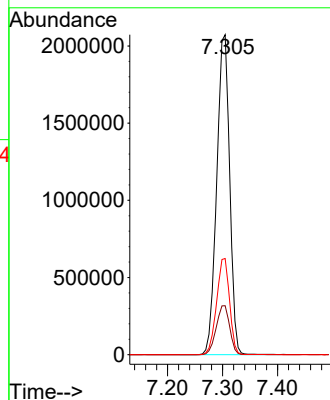
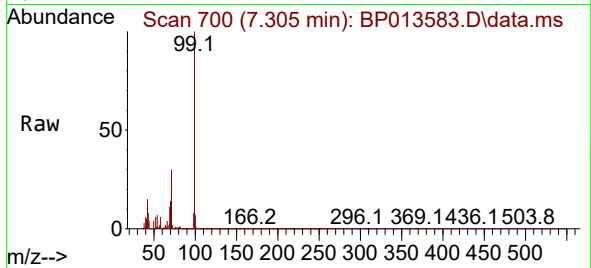


#7
Phenol-d6
Concen: 108.445 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

Instrument :
BNA_P
ClientSampleId :
MH-9

Tgt Ion: 99 Resp: 3390225

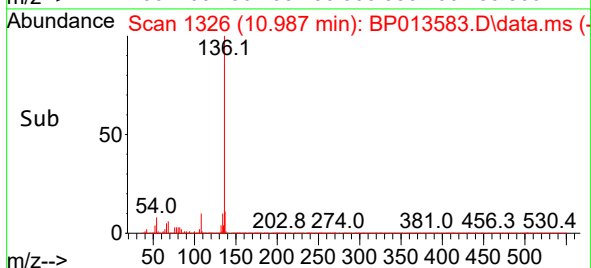
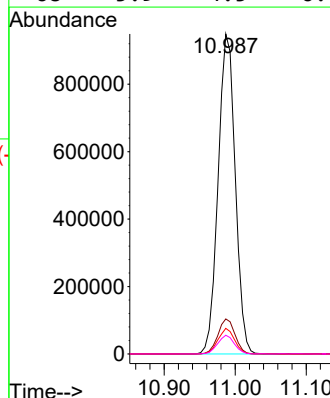
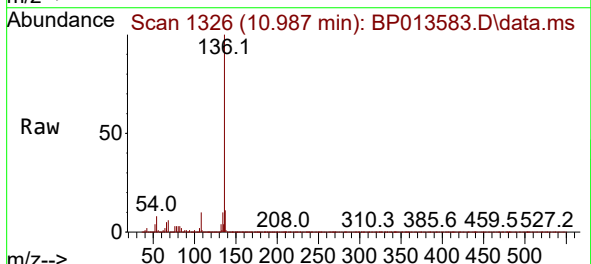
Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.0	21.0
71	30.1	24.7	37.1

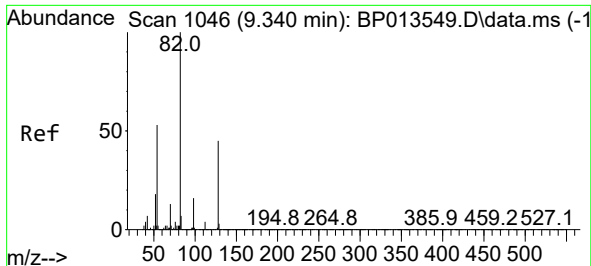


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

Tgt Ion: 136 Resp: 1583872

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.0	6.6	9.8
68	5.9	4.5	6.7

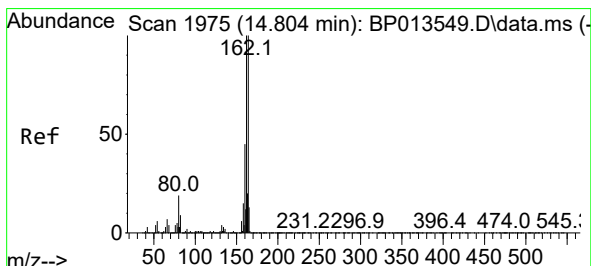
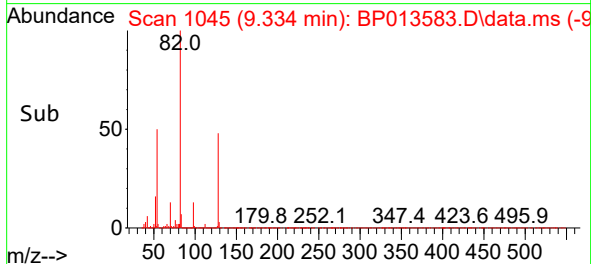
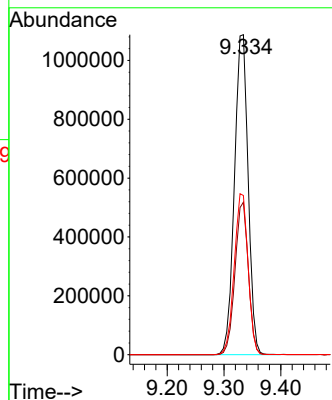
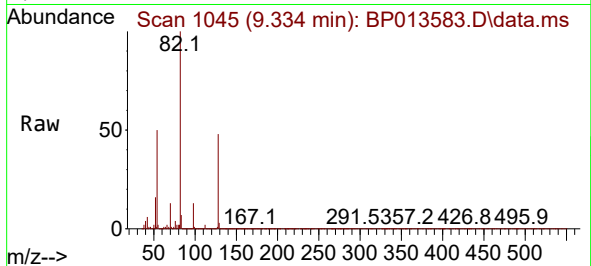




#23
Nitrobenzene-d5
Concen: 75.633 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

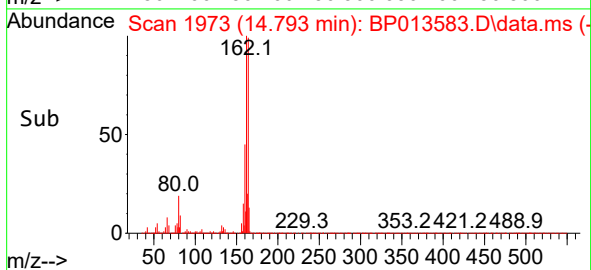
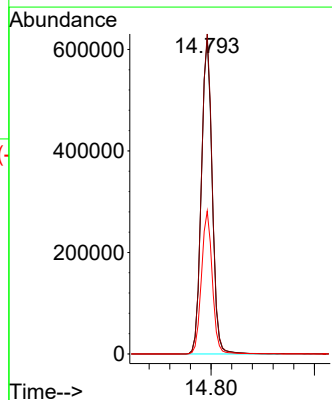
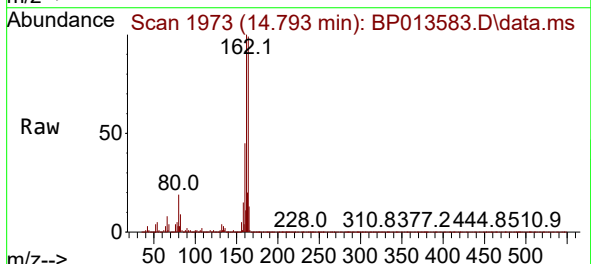
Instrument :
BNA_P
ClientSampleId :
MH-9

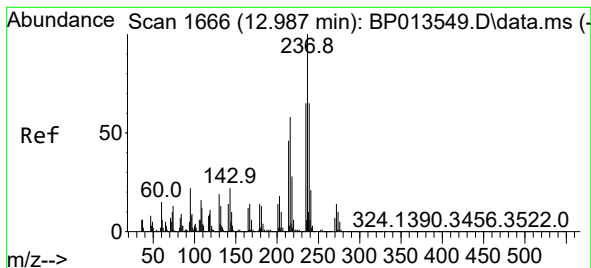
Tgt Ion: 82 Resp: 1814583
Ion Ratio Lower Upper
82 100
128 47.6 35.8 53.6
54 49.7 42.6 64.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.793 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

Tgt Ion:164 Resp: 900343
Ion Ratio Lower Upper
164 100
162 101.5 80.1 120.1
160 45.3 35.9 53.9





#41

Hexachlorocyclopentadiene

Concen: 3.905 ng

RT: 12.981 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013583.D

Acq: 24 Jan 2023 22:10

Instrument :

BNA_P

ClientSampleId :

MH-9

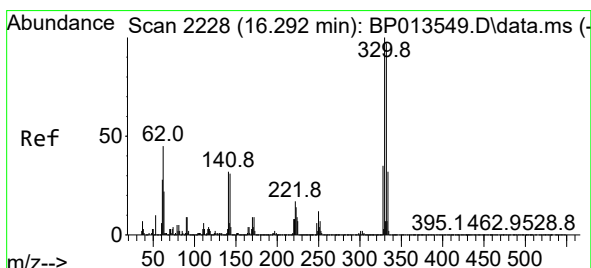
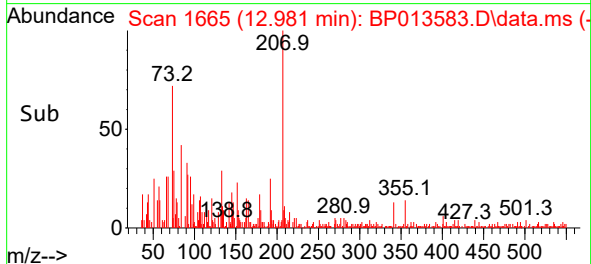
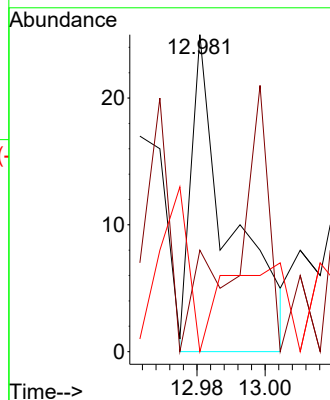
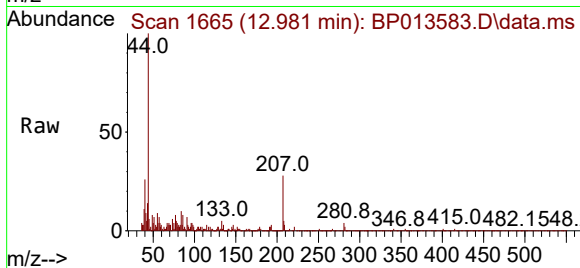
Tgt Ion:237 Resp: 20

Ion Ratio Lower Upper

237 100

235 52.0 44.6 84.6

272 0.0 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 130.821 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.006 min

Lab File: BP013583.D

Acq: 24 Jan 2023 22:10

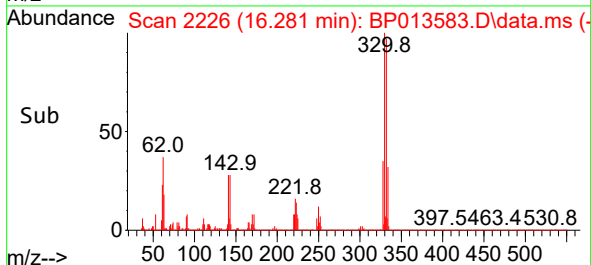
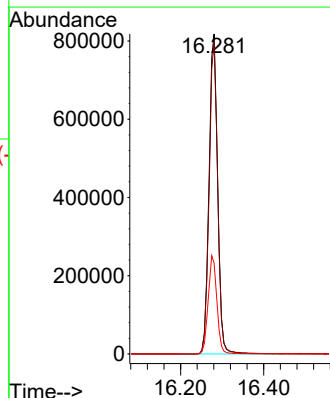
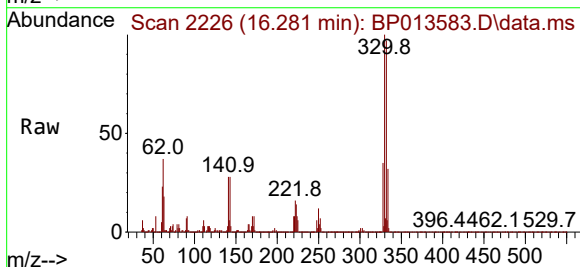
Tgt Ion:330 Resp: 1181421

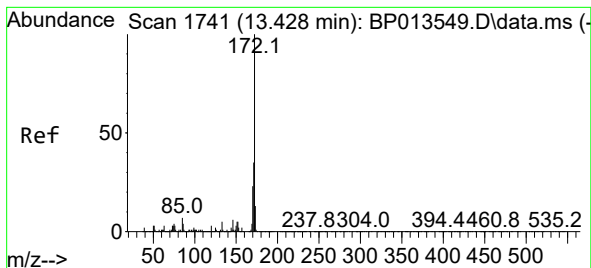
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

141 31.0 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 65.665 ng

RT: 13.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013583.D

Acq: 24 Jan 2023 22:10

Instrument :

BNA_P

ClientSampleId :

MH-9

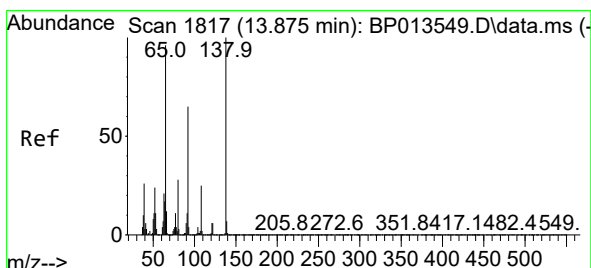
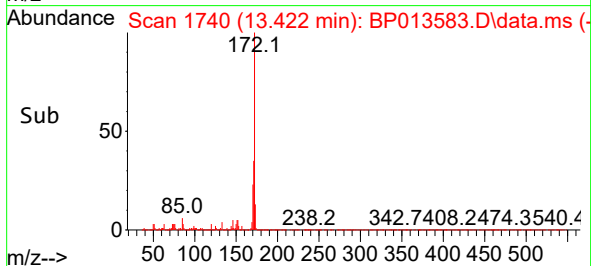
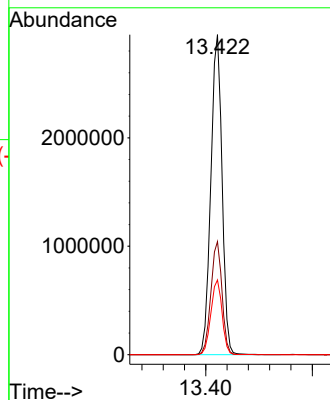
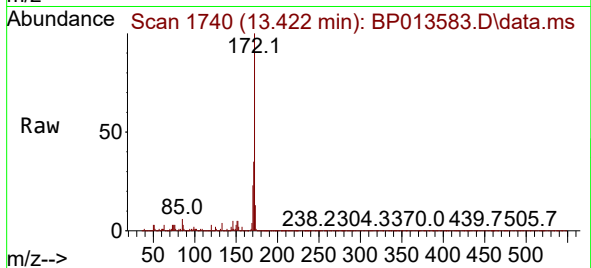
Tgt Ion:172 Resp: 4307057

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

170 23.3 18.6 27.8



#48

2-Nitroaniline

Concen: 6.225 ng

RT: 13.875 min Scan# 1817

Delta R.T. -0.000 min

Lab File: BP013583.D

Acq: 24 Jan 2023 22:10

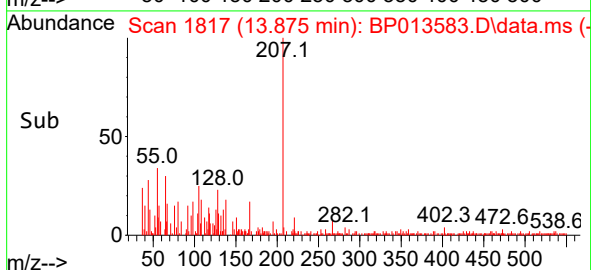
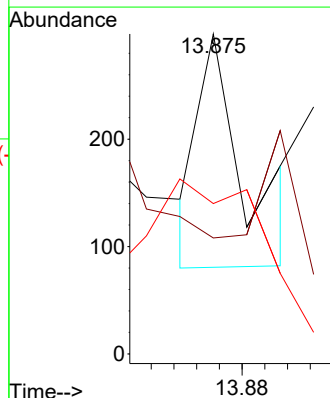
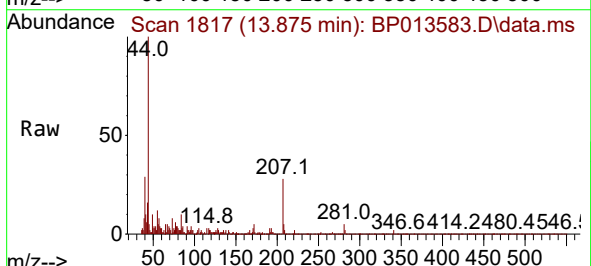
Tgt Ion: 65 Resp: 123

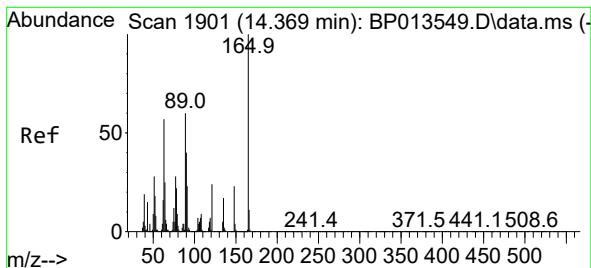
Ion Ratio Lower Upper

65 100

92 36.2 54.1 81.1#

138 47.0 83.6 125.4#





#51

2,6-Dinitrotoluene

Concen: 5.227 ng

RT: 14.316 min Scan# 1892

Delta R.T. -0.047 min

Lab File: BP013583.D

Acq: 24 Jan 2023 22:10

Instrument :

BNA_P

ClientSampleId :

MH-9

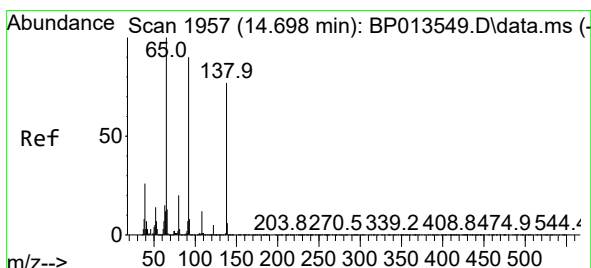
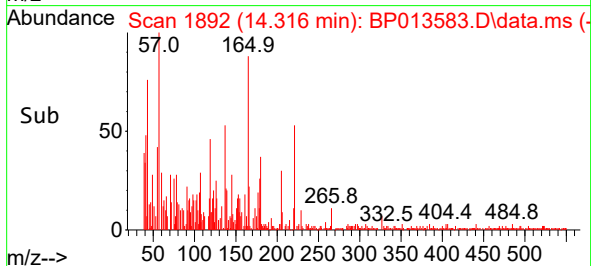
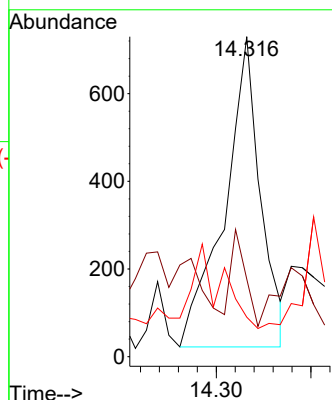
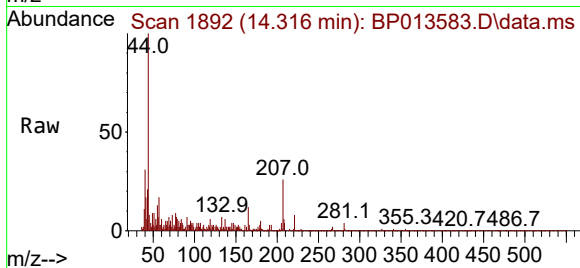
Tgt Ion:165 Resp: 932

Ion Ratio Lower Upper

165 100

63 24.2 47.2 70.8#

89 12.3 47.8 71.6#



#53

3-Nitroaniline

Concen: 5.433 ng

RT: 14.681 min Scan# 1954

Delta R.T. -0.012 min

Lab File: BP013583.D

Acq: 24 Jan 2023 22:10

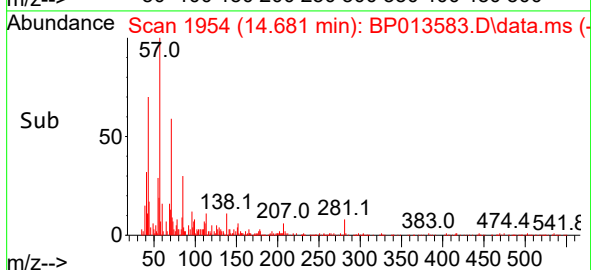
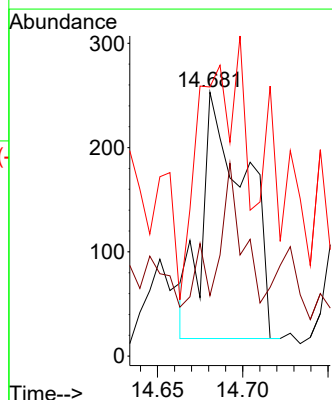
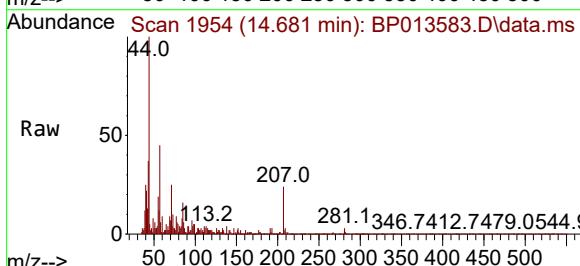
Tgt Ion:138 Resp: 419

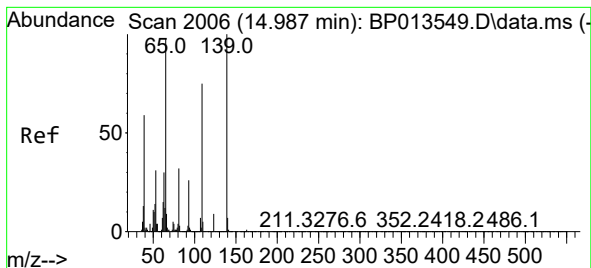
Ion Ratio Lower Upper

138 100

108 22.9 12.8 19.2#

92 102.0 93.3 139.9

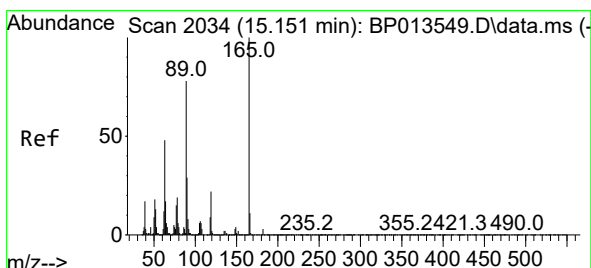
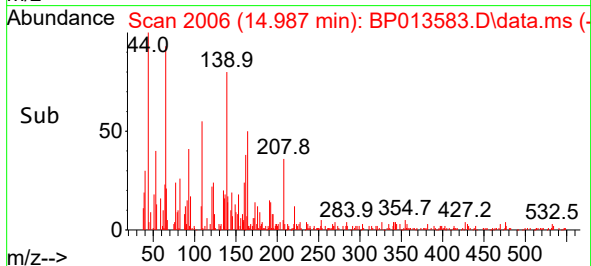
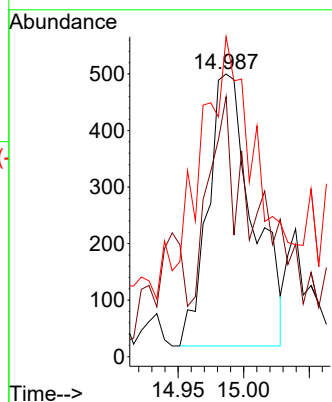
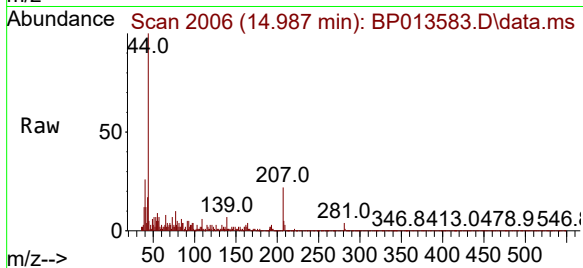




#56
4-Nitrophenol
Concen: 5.286 ng
RT: 14.987 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

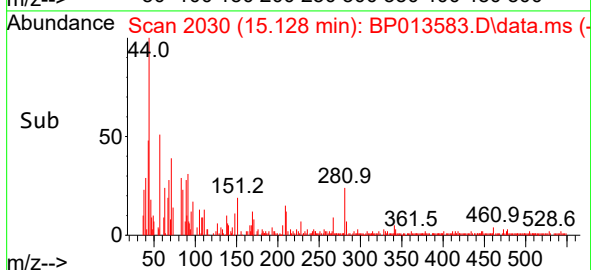
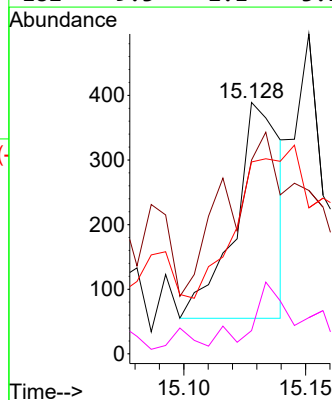
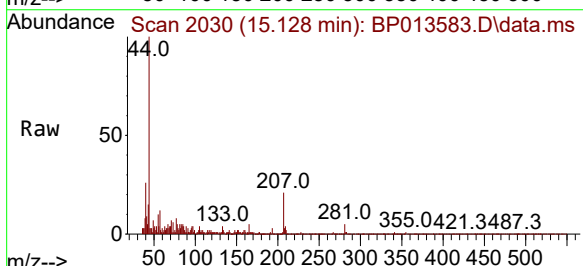
Instrument :
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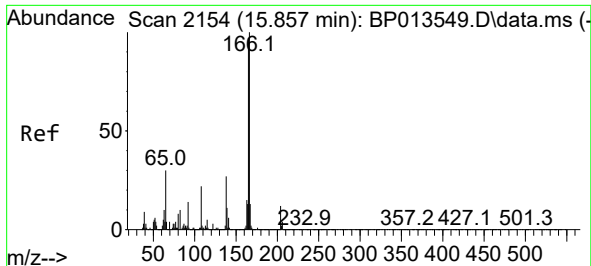
Tgt Ion:139 Resp: 1144
Ion Ratio Lower Upper
139 100
109 92.0 55.0 95.0
65 113.2 77.7 117.7



#57
2,4-Dinitrotoluene
Concen: 5.219 ng
RT: 15.128 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

Tgt Ion:165 Resp: 436
Ion Ratio Lower Upper
165 100
63 77.1 38.3 57.5#
89 76.3 62.1 93.1
182 9.3 2.1 3.1#

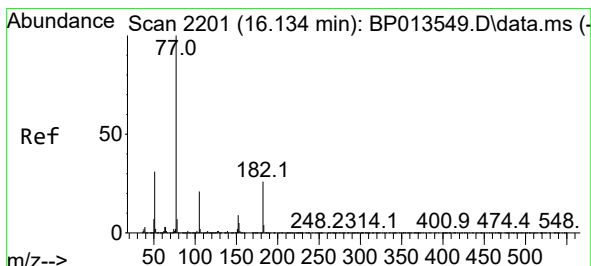
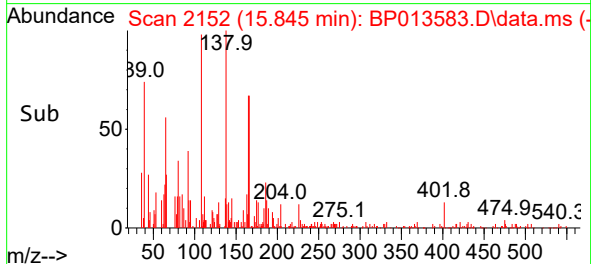
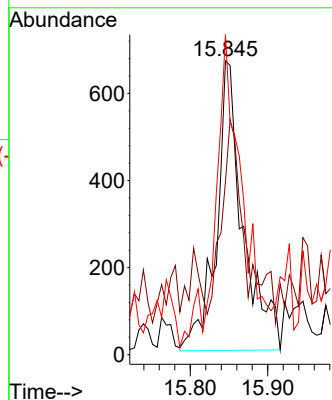
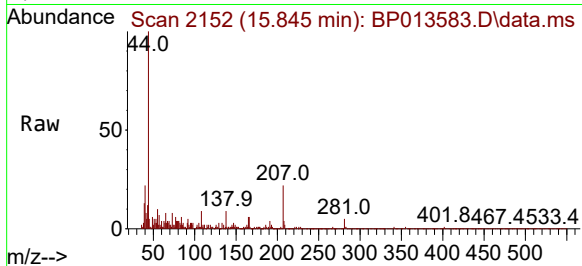




#62
4-Nitroaniline
Concen: 3.765 ng
RT: 15.845 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

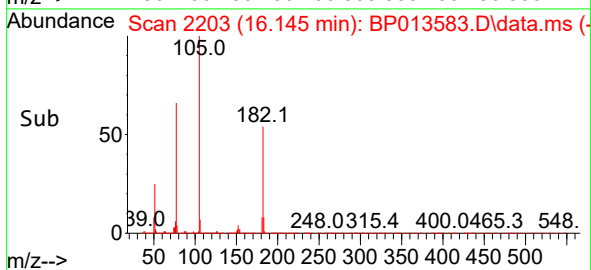
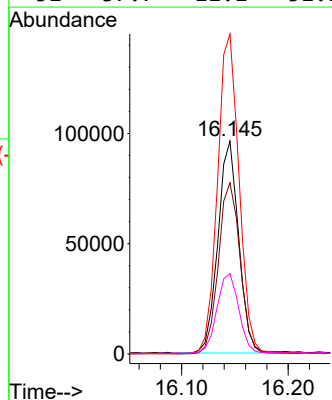
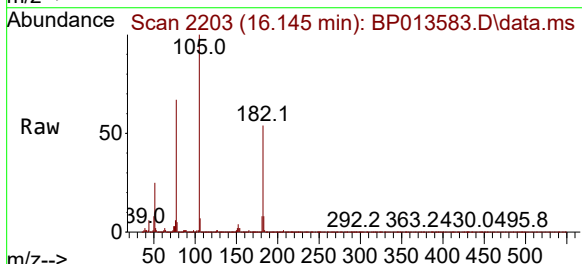
Instrument :
BNA_P
ClientSampleId :
MH-9

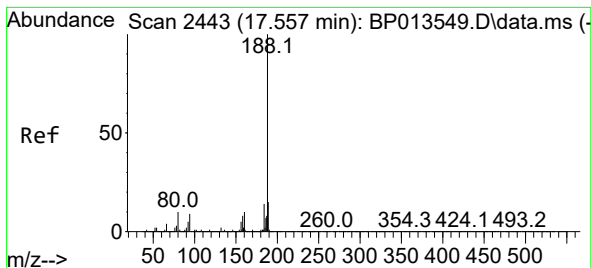
Tgt Ion:138 Resp: 1581
Ion Ratio Lower Upper
138 100
92 59.0 32.3 72.3
108 108.9 59.2 99.2#



#63
Azobenzene
Concen: 2.044 ng
RT: 16.145 min Scan# 2203
Delta R.T. 0.018 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

Tgt Ion: 77 Resp: 129821
Ion Ratio Lower Upper
77 100
182 80.5 5.5 45.5#
105 150.3 1.4 41.4#
51 37.7 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.545 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP013583.D

Acq: 24 Jan 2023 22:10

Instrument :

BNA_P

ClientSampleId :

MH-9

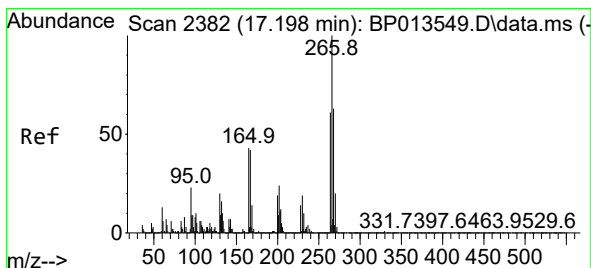
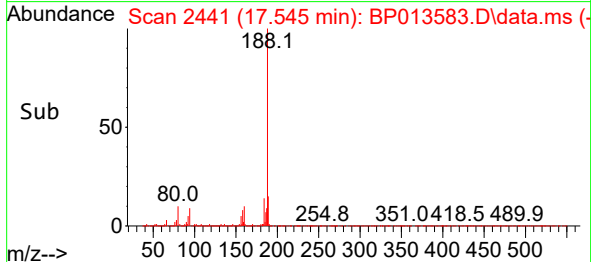
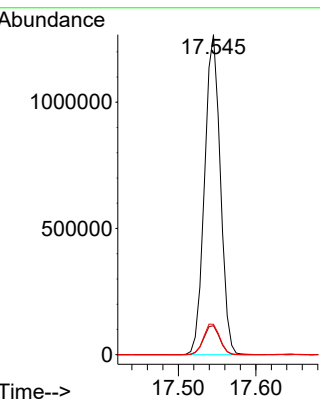
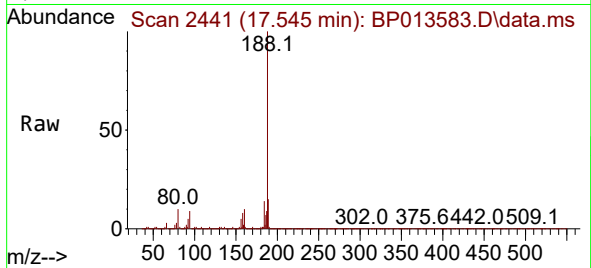
Tgt Ion:188 Resp: 1789207

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 9.5 8.2 12.2



#70

Pentachlorophenol

Concen: 5.332 ng

RT: 16.992 min Scan# 2347

Delta R.T. -0.200 min

Lab File: BP013583.D

Acq: 24 Jan 2023 22:10

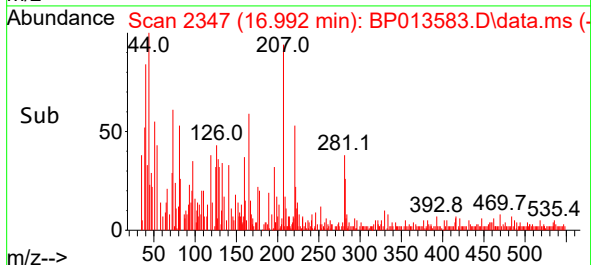
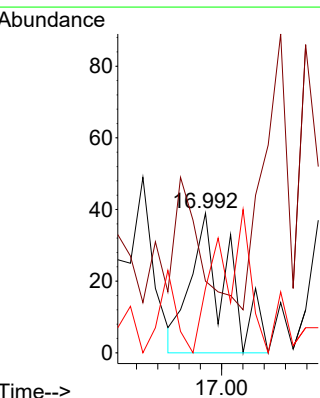
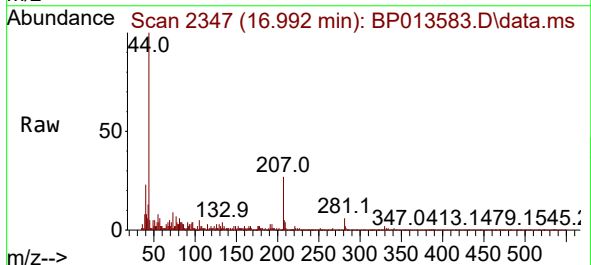
Tgt Ion:266 Resp: 47

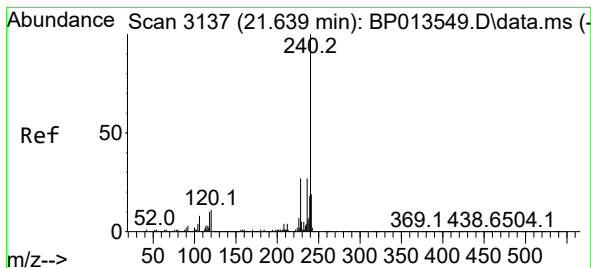
Ion Ratio Lower Upper

266 100

268 51.3 50.7 76.1

264 56.4 48.9 73.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.622 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BP013583.D

Acq: 24 Jan 2023 22:10

Instrument :

BNA_P

ClientSampleId :

MH-9

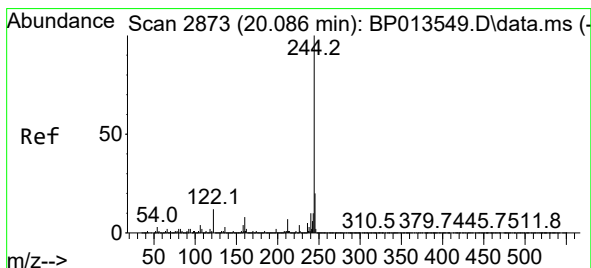
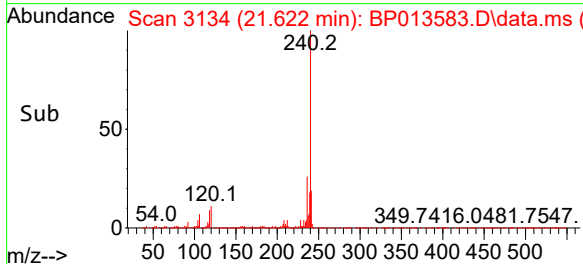
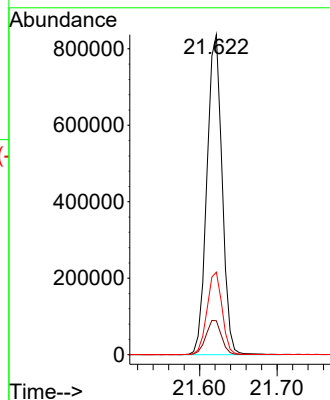
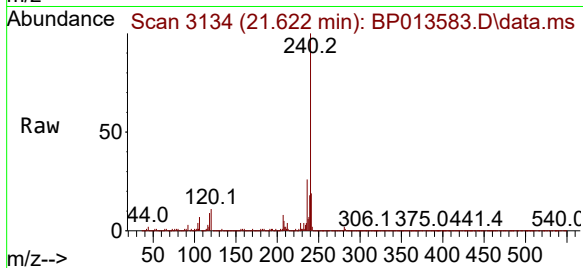
Tgt Ion:240 Resp: 1136694

Ion Ratio Lower Upper

240 100

120 10.6 8.6 13.0

236 25.8 21.3 31.9



#79

Terphenyl-d14

Concen: 81.777 ng

RT: 20.075 min Scan# 2871

Delta R.T. -0.006 min

Lab File: BP013583.D

Acq: 24 Jan 2023 22:10

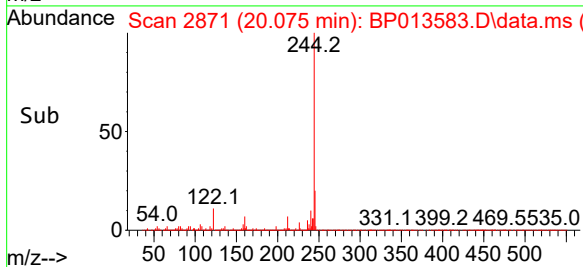
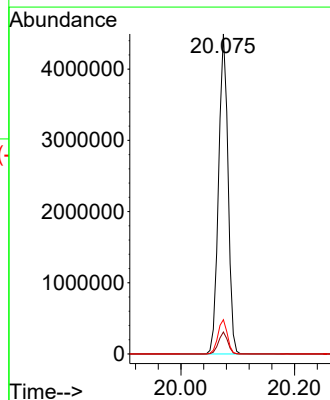
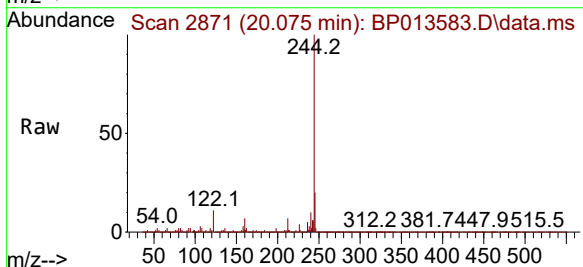
Tgt Ion:244 Resp: 5167052

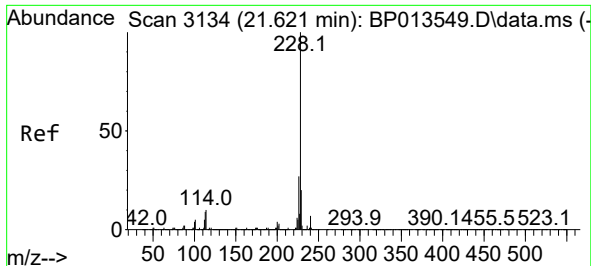
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.7 9.2 13.8

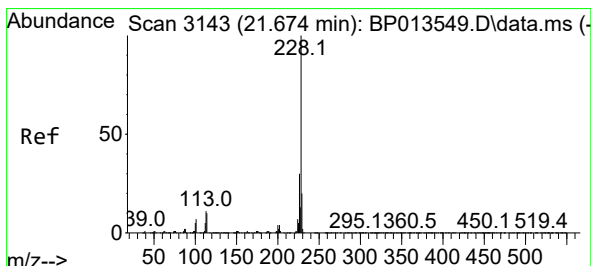
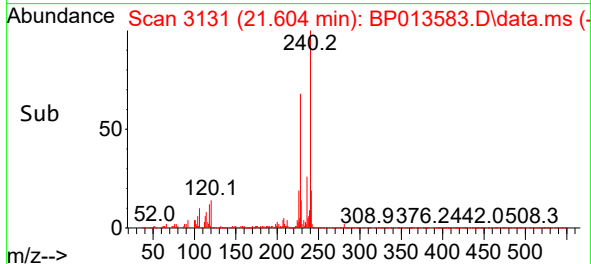
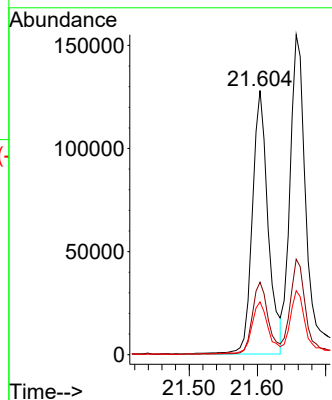
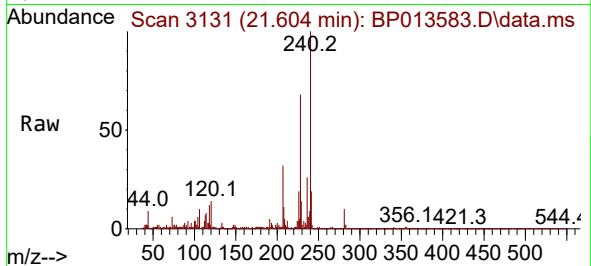




#81
Benzo(a)anthracene
Concen: 2.596 ng
RT: 21.604 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

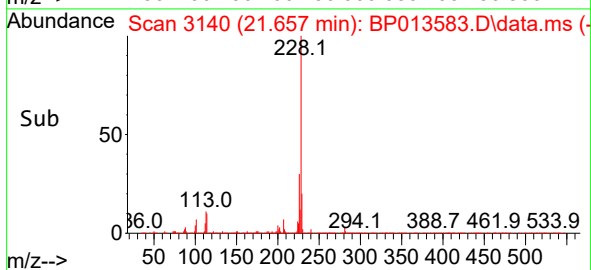
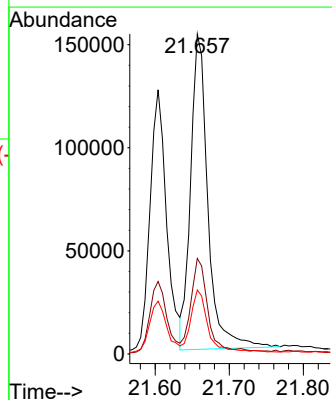
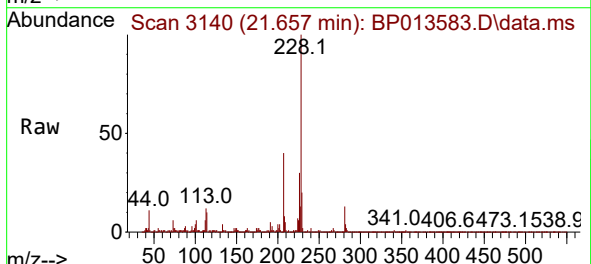
Instrument :
BNA_P
ClientSampleId :
MH-9

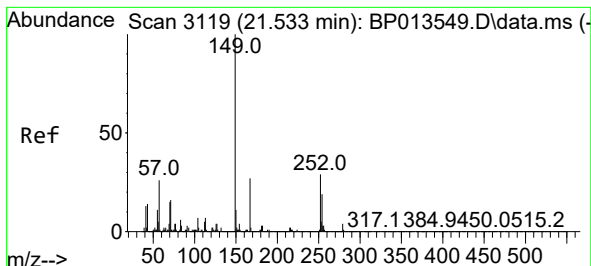
Tgt Ion:228 Resp: 205596
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.0 15.8 23.6



#83
Chrysene
Concen: 3.268 ng
RT: 21.657 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

Tgt Ion:228 Resp: 247550
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 20.0 16.2 24.2

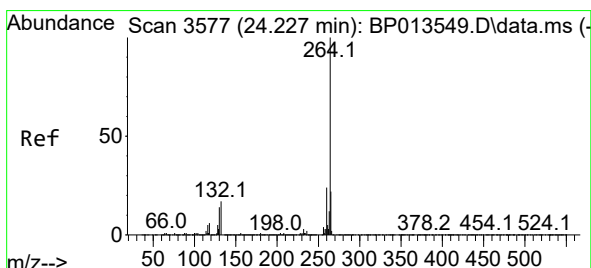
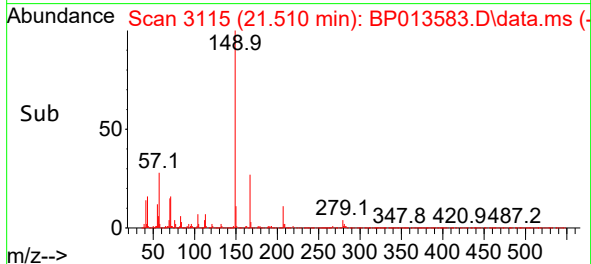
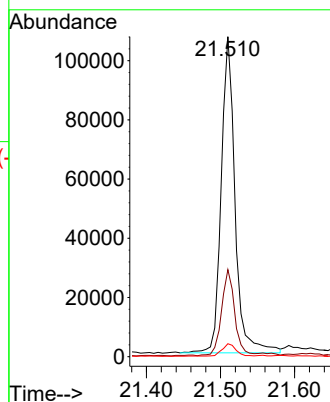
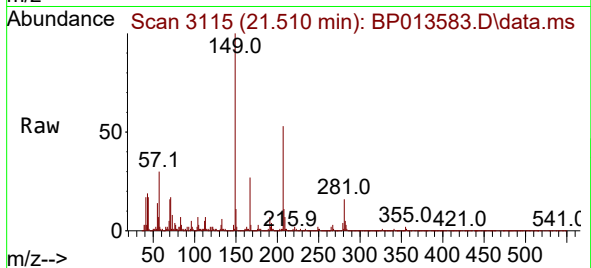




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.135 ng
RT: 21.510 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

Instrument :
BNA_P
ClientSampleId :
MH-9

Tgt Ion:149 Resp: 138841
Ion Ratio Lower Upper
149 100
167 27.2 22.0 33.0
279 4.0 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.204 min Scan# 3573
Delta R.T. -0.012 min
Lab File: BP013583.D
Acq: 24 Jan 2023 22:10

Tgt Ion:264 Resp: 1343803
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 22.0 17.4 26.2

