

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013579.D
 Acq On : 24 Jan 2023 19:53
 Operator : CG/JU
 Sample : 01255-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BORING-1

Quant Time: Jan 25 03:51:37 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)

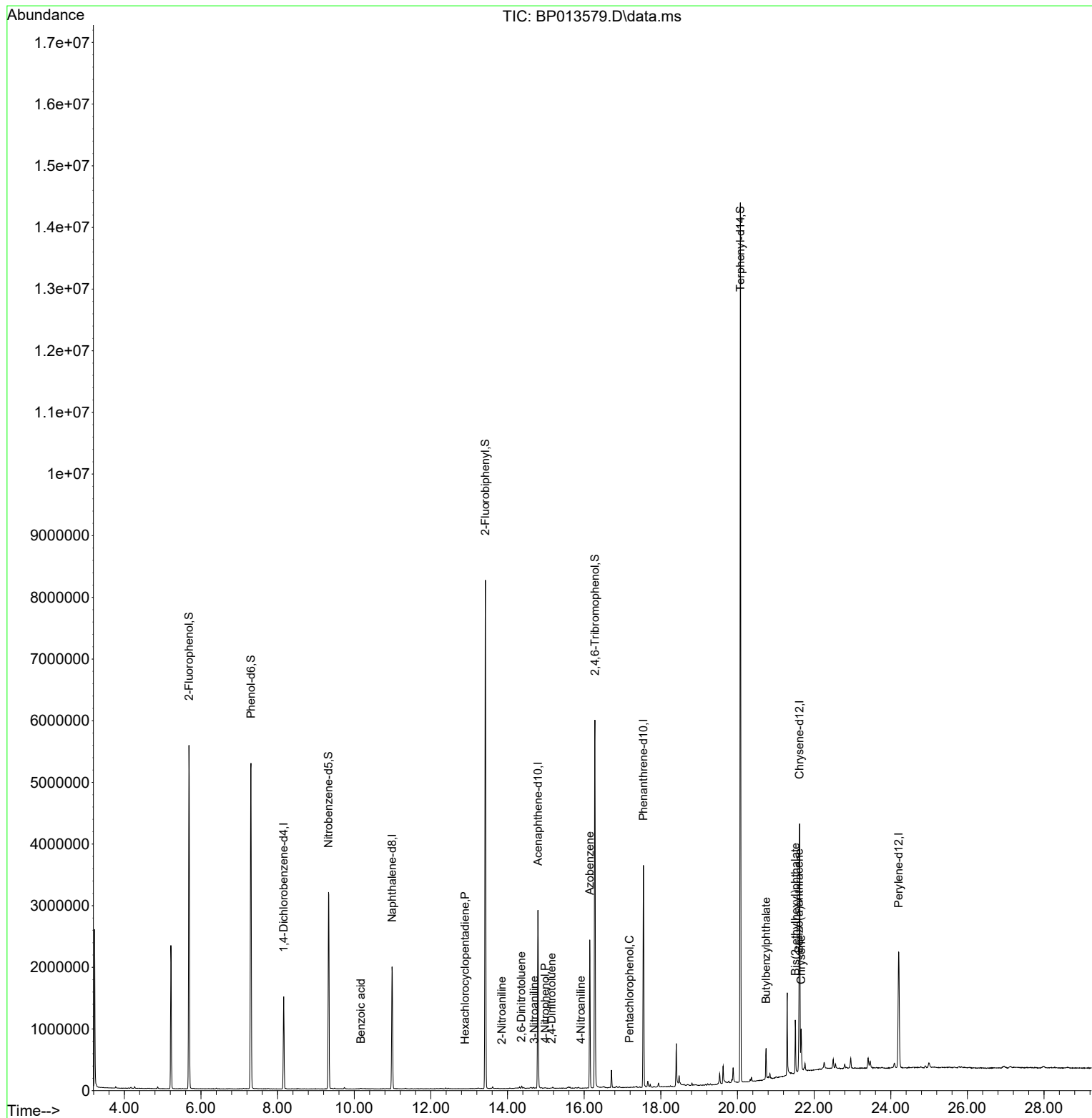
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	410843	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1671731	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	991693	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	2147763	20.000	ng	0.00
76) Chrysene-d12	21.622	240	1901145	20.000	ng	0.00
86) Perylene-d12	24.204	264	1543306	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2473456	103.152	ng	0.00
7) Phenol-d6	7.305	99	3285002	101.790	ng	0.00
23) Nitrobenzene-d5	9.328	82	1807232	71.368	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	1194543	120.089	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	4269725	59.099	ng	0.00
79) Terphenyl-d14	20.075	244	6800302	64.349	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.169	122	4305	2.468	ng	# 78
41) Hexachlorocyclopentadiene	12.893	237	17	3.904	ng	79
48) 2-Nitroaniline	13.851	65	326	6.237	ng	# 71
51) 2,6-Dinitrotoluene	14.363	165	592	5.201	ng	93
53) 3-Nitroaniline	14.693	138	614	5.441	ng	# 72
54) 2,4-Dinitrophenol	14.887	184	20	Below Cal	#	1
56) 4-Nitrophenol	14.981	139	1580	5.310	ng	98
57) 2,4-Dinitrotoluene	15.151	165	1998	5.298	ng	# 70
62) 4-Nitroaniline	15.910	138	279	3.679	ng	96
63) Azobenzene	16.145	77	631559	9.027	ng	# 1
70) Pentachlorophenol	17.181	266	613	5.362	ng	# 49
80) Butylbenzylphthalate	20.745	149	165219	3.570	ng	95
81) Benzo(a)anthracene	21.604	228	376740	2.844	ng	99
83) Chrysene	21.663	228	445577	3.517	ng	99
84) Bis(2-ethylhexyl)phtha...	21.510	149	321421	4.339	ng	98

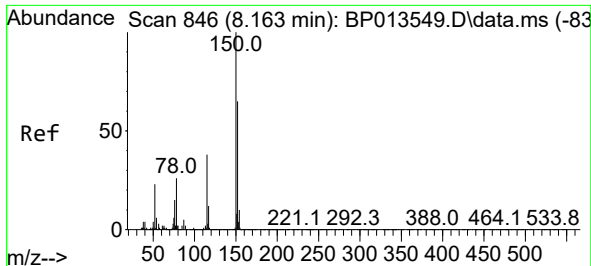
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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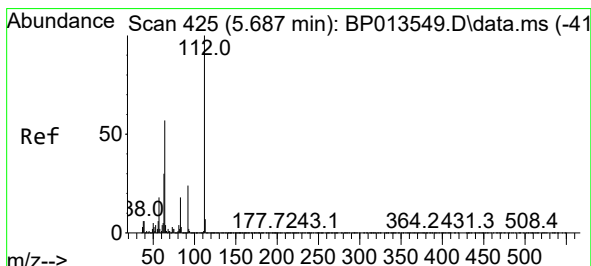
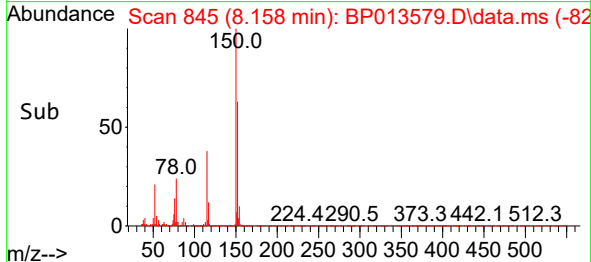
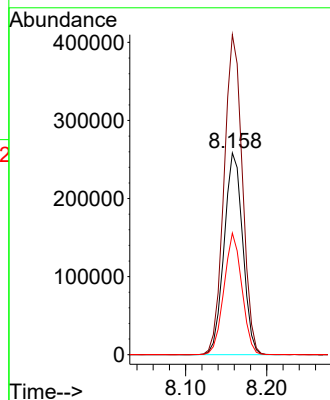
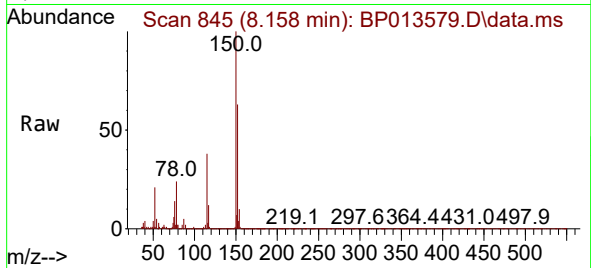




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

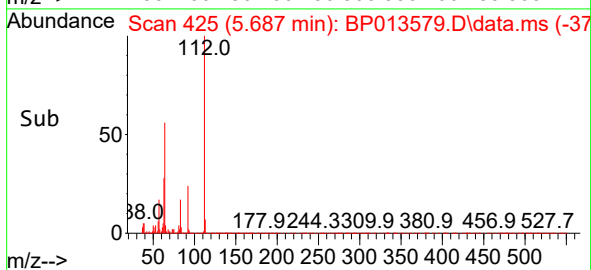
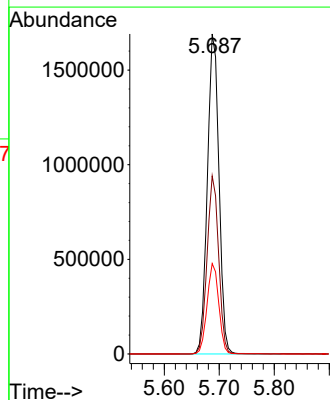
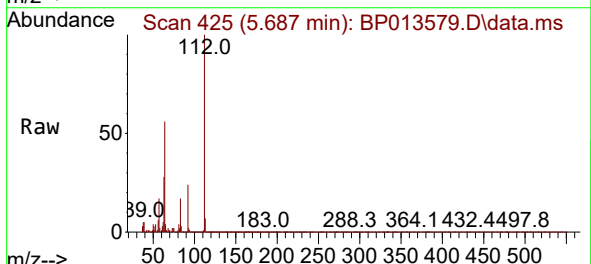
Instrument :
BNA_P
ClientSampleId :
BORING-1

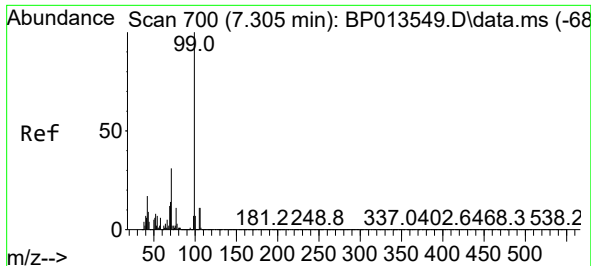
Tgt Ion:152 Resp: 410843
Ion Ratio Lower Upper
152 100
150 158.5 122.4 183.6
115 60.3 46.1 69.1



#5
2-Fluorophenol
Concen: 103.152 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

Tgt Ion:112 Resp: 2473456
Ion Ratio Lower Upper
112 100
64 55.7 45.4 68.0
63 28.2 24.1 36.1

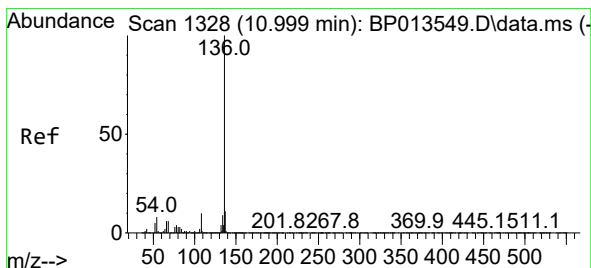
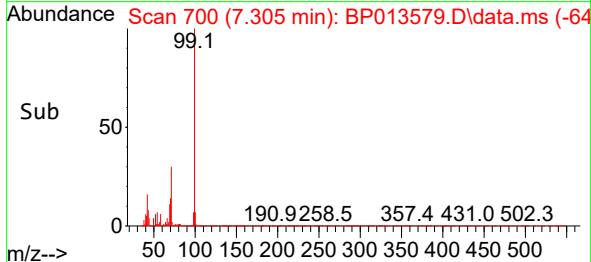
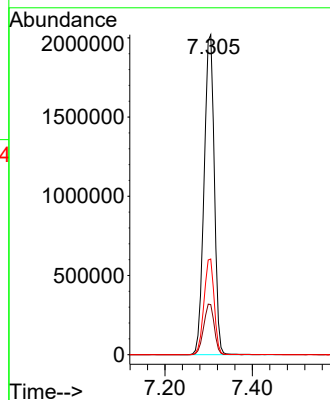
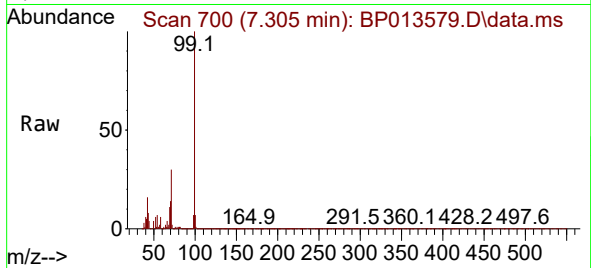




#7
Phenol-d6
Concen: 101.790 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

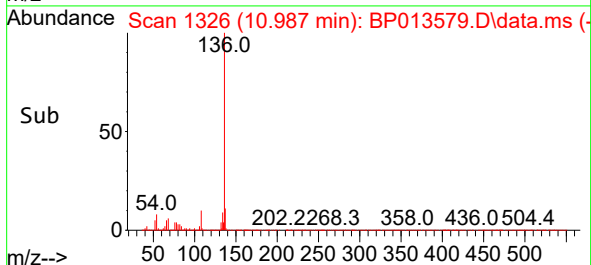
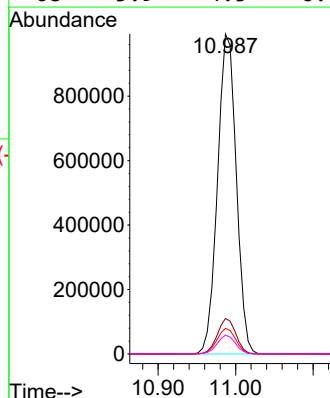
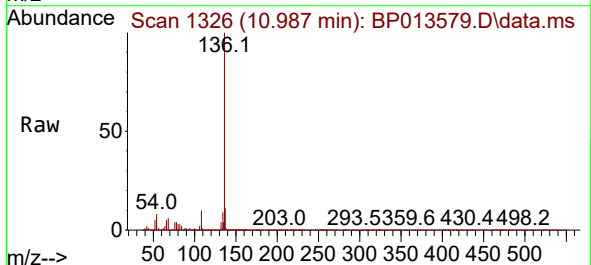
Instrument :
BNA_P
ClientSampleId :
BORING-1

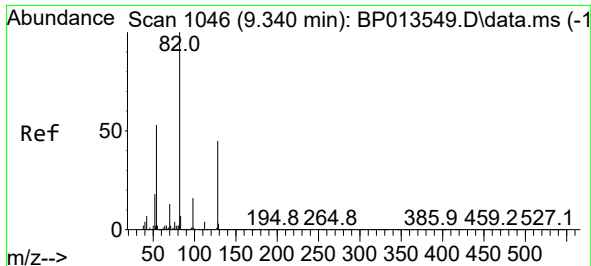
Tgt Ion: 99 Resp: 3285002
Ion Ratio Lower Upper
99 100
42 15.7 14.0 21.0
71 29.9 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

Tgt Ion: 136 Resp: 1671731
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.0 6.6 9.8
68 5.9 4.5 6.7

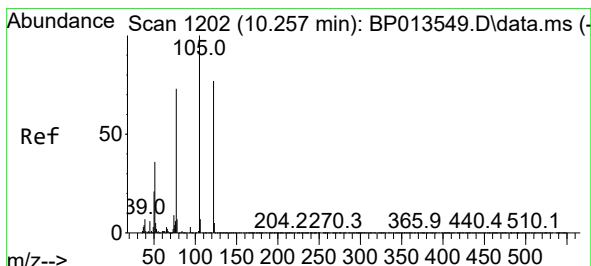
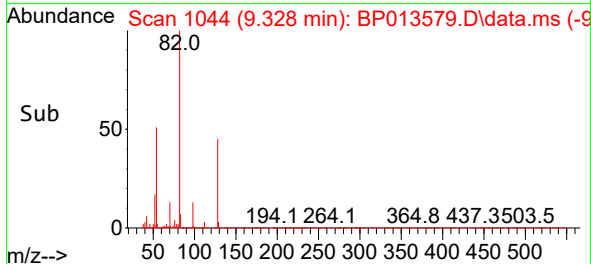
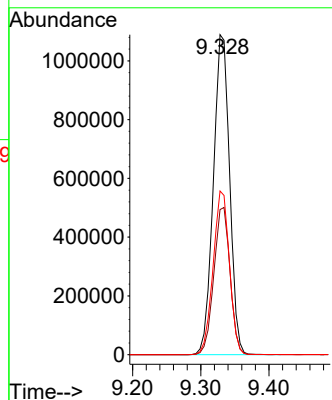
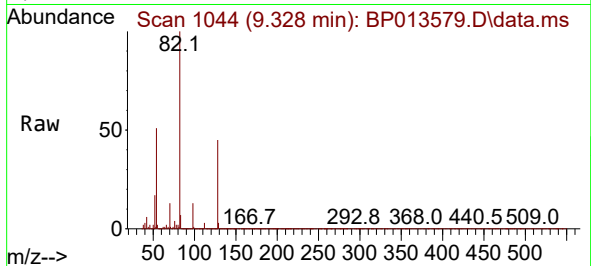




#23
Nitrobenzene-d5
Concen: 71.368 ng
RT: 9.328 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

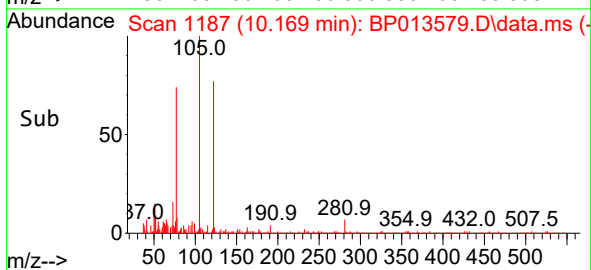
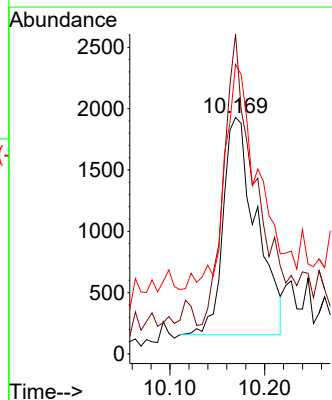
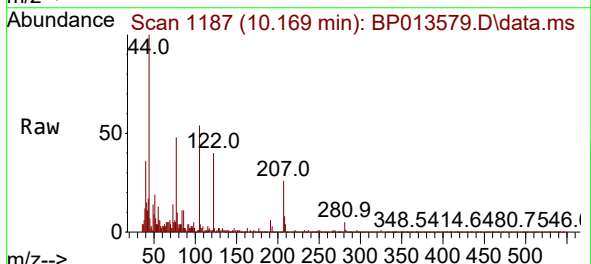
Instrument :
BNA_P
ClientSampleId :
BORING-1

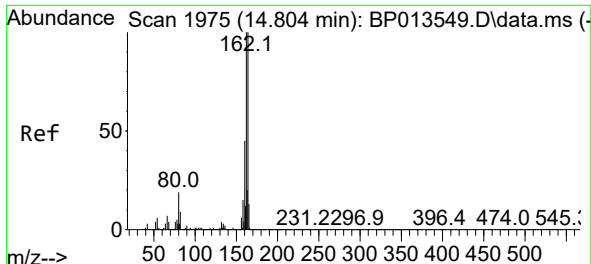
Tgt Ion: 82 Resp: 1807232
Ion Ratio Lower Upper
82 100
128 45.4 35.8 53.6
54 51.1 42.6 64.0



#32
Benzoic acid
Concen: 2.468 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.100 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

Tgt Ion: 122 Resp: 4305
Ion Ratio Lower Upper
122 100
105 135.3 100.5 140.5
77 122.4 70.9 110.9#

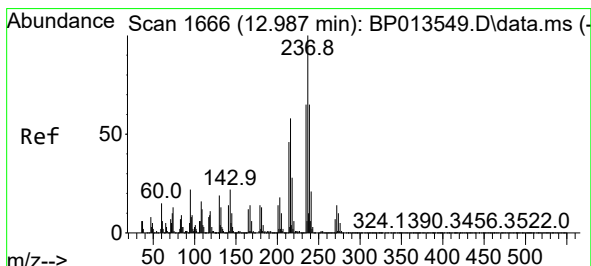
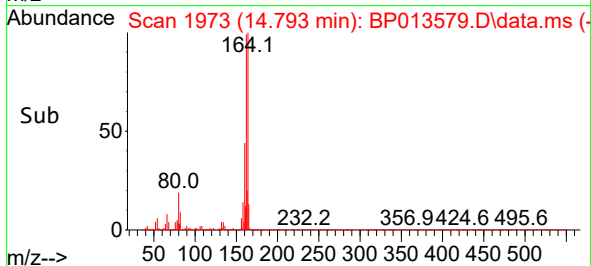
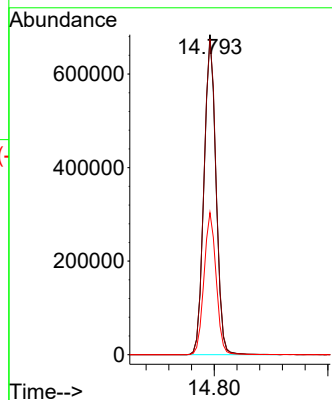
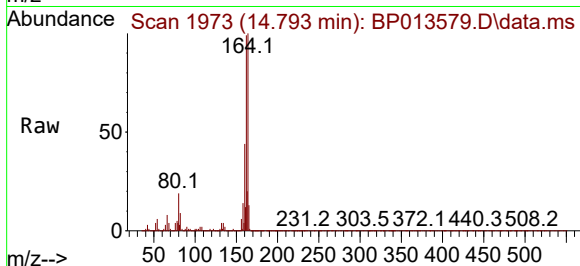




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.793 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

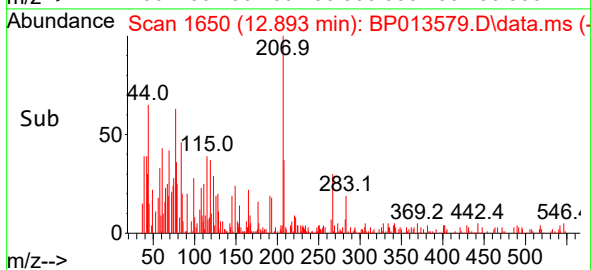
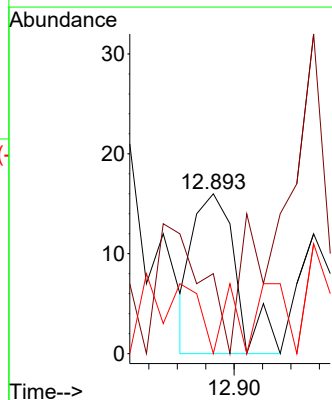
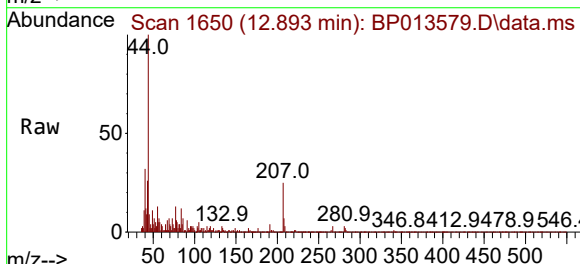
Instrument :
BNA_P
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BORING-1

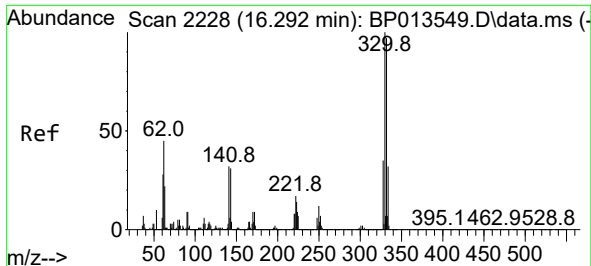
Tgt Ion:164 Resp: 991693
Ion Ratio Lower Upper
164 100
162 98.7 80.1 120.1
160 44.4 35.9 53.9



#41
Hexachlorocyclopentadiene
Concen: 3.904 ng
RT: 12.893 min Scan# 1650
Delta R.T. -0.088 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

Tgt Ion:237 Resp: 17
Ion Ratio Lower Upper
237 100
235 50.0 44.6 84.6
272 0.0 0.0 33.9

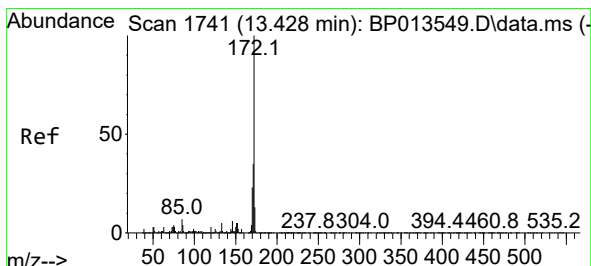
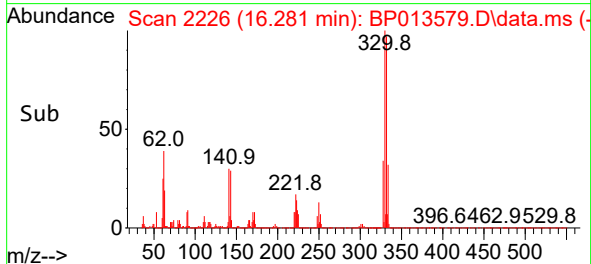
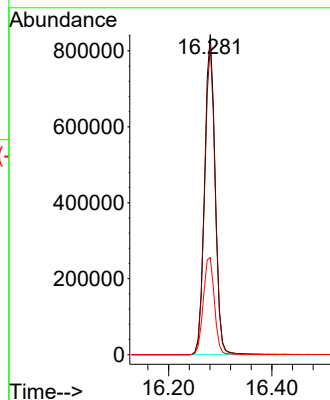
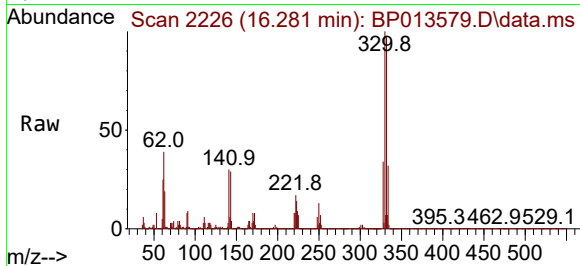




#42
2,4,6-Tribromophenol
Concen: 120.089 ng
RT: 16.281 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

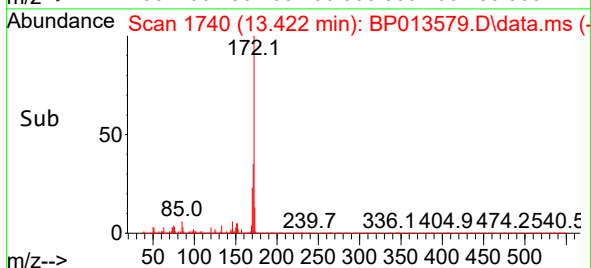
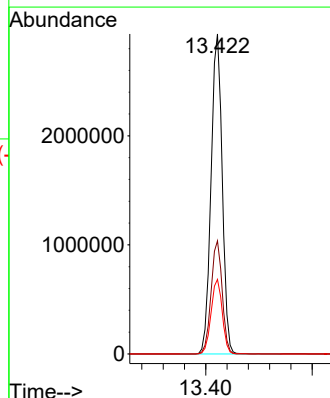
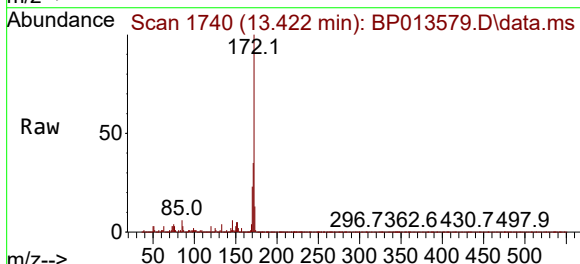
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BORING-1

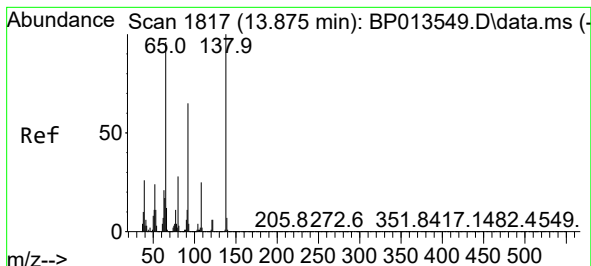
Tgt Ion:330 Resp: 1194543
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 32.1 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 59.099 ng
RT: 13.422 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

Tgt Ion:172 Resp: 4269725
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.3 18.6 27.8

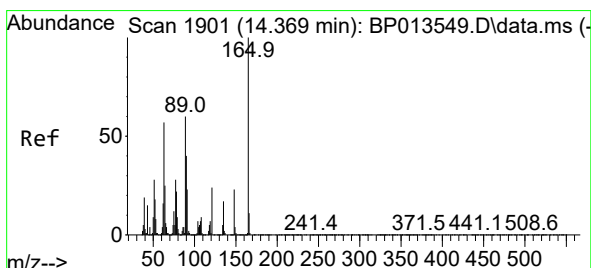
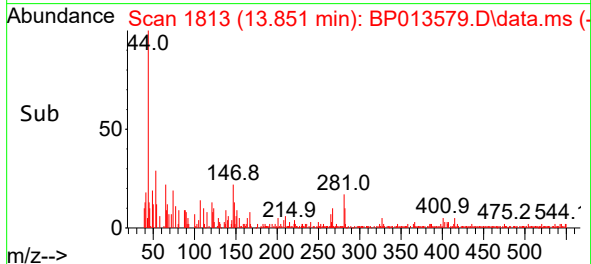
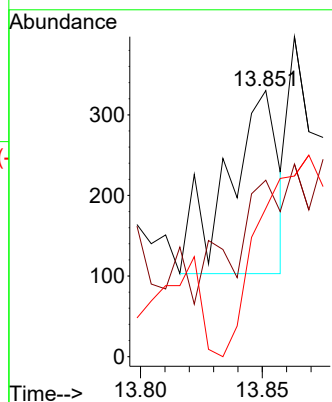
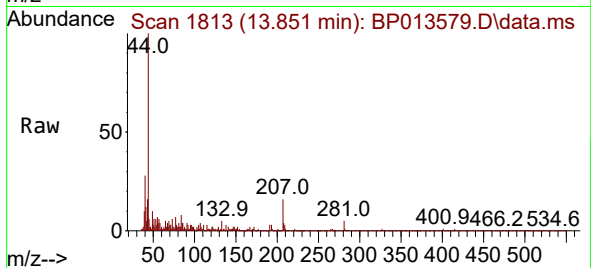




#48
2-Nitroaniline
Concen: 6.237 ng
RT: 13.851 min Scan# 1813
Delta R.T. -0.024 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

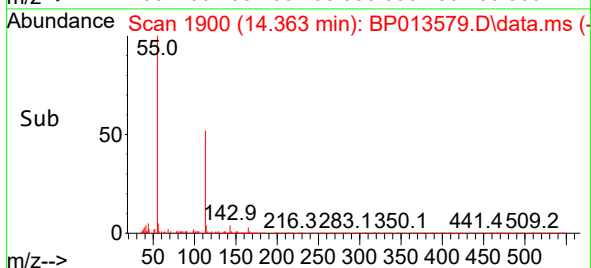
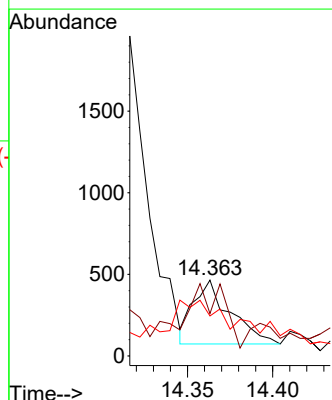
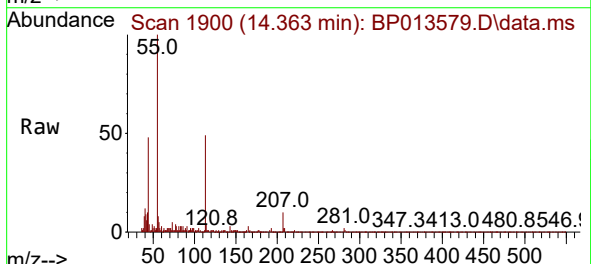
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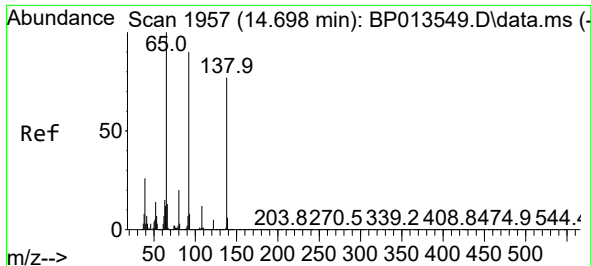
Tgt Ion: 65 Resp: 326
Ion Ratio Lower Upper
65 100
92 66.4 54.1 81.1
138 55.8 83.6 125.4#



#51
2,6-Dinitrotoluene
Concen: 5.201 ng
RT: 14.363 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

Tgt Ion: 165 Resp: 592
Ion Ratio Lower Upper
165 100
63 55.9 47.2 70.8
89 52.7 47.8 71.6

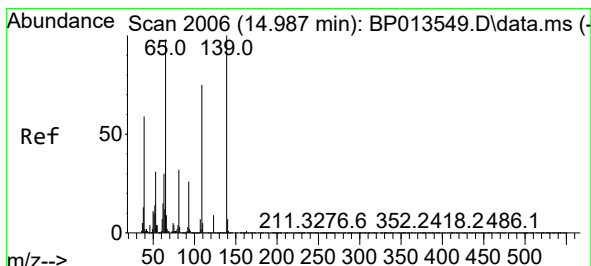
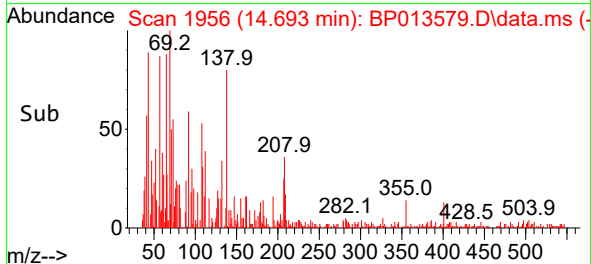
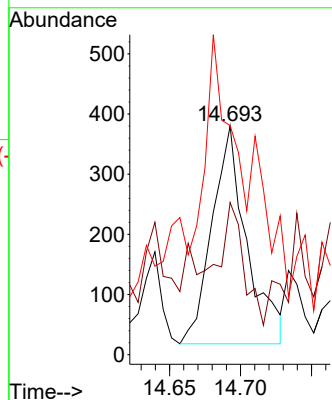
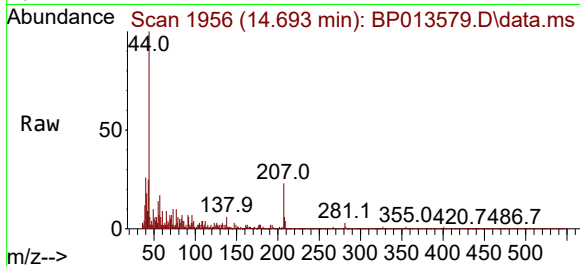




#53
3-Nitroaniline
Concen: 5.441 ng
RT: 14.693 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

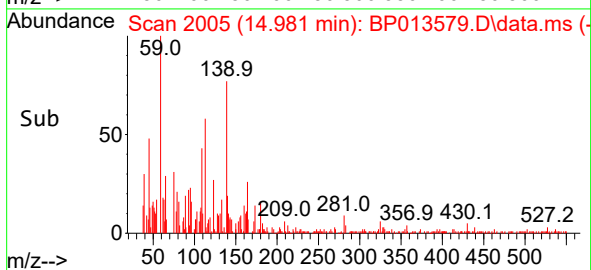
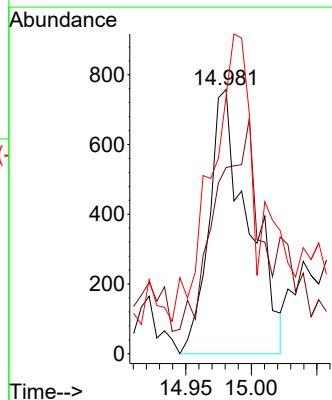
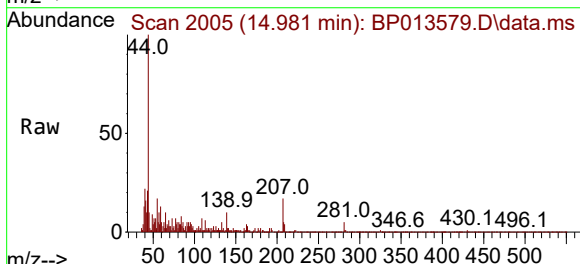
Instrument :
BNA_P
ClientSampleId :
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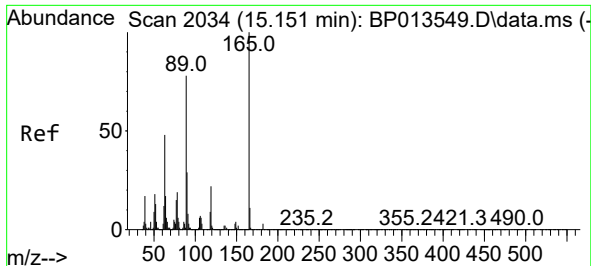
Tgt Ion:138 Resp: 614
Ion Ratio Lower Upper
138 100
108 66.6 12.8 19.2#
92 100.3 93.3 139.9



#56
4-Nitrophenol
Concen: 5.310 ng
RT: 14.981 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

Tgt Ion:139 Resp: 1580
Ion Ratio Lower Upper
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109 70.4 55.0 95.0
65 97.5 77.7 117.7

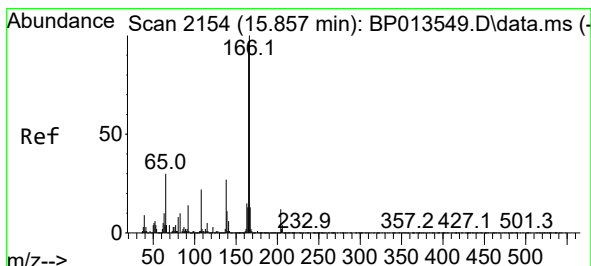
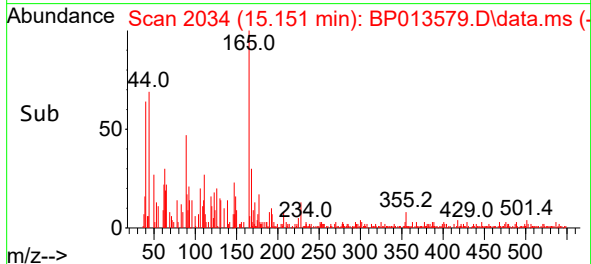
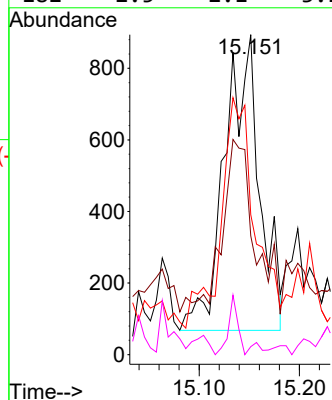
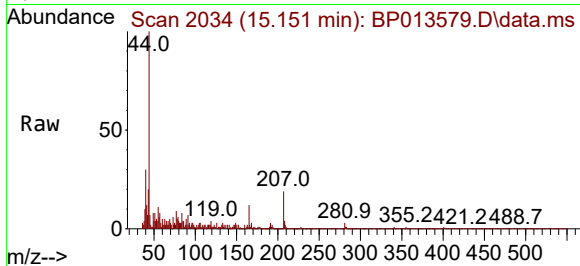




#57
2,4-Dinitrotoluene
Concen: 5.298 ng
RT: 15.151 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

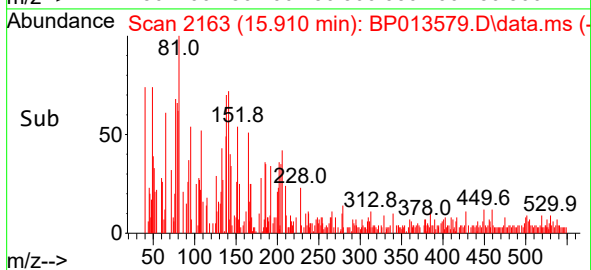
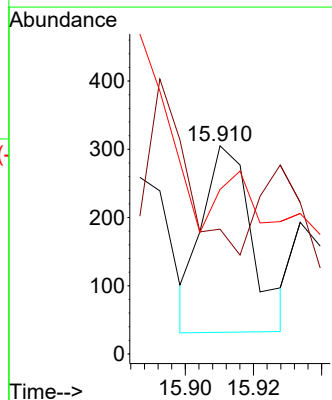
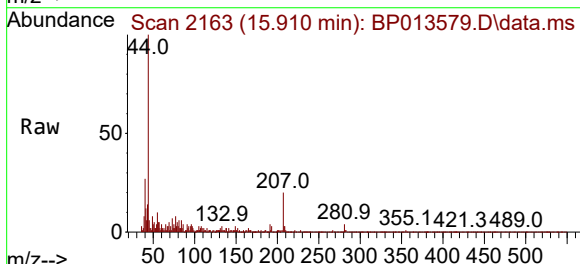
Instrument :
BNA_P
ClientSampleId :
BORING-1

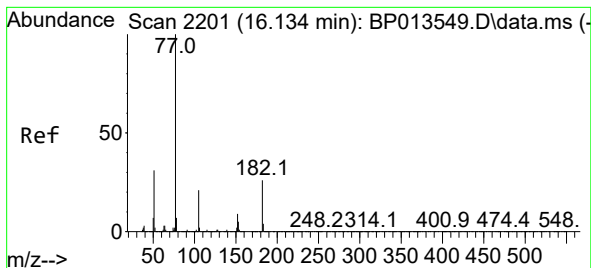
Tgt Ion:	165	Resp:	1998
Ion	Ratio	Lower	Upper
165	100		
63	37.1	38.3	57.5#
89	43.7	62.1	93.1#
182	2.5	2.1	3.1



#62
4-Nitroaniline
Concen: 3.679 ng
RT: 15.910 min Scan# 2163
Delta R.T. 0.053 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

Tgt Ion:	138	Resp:	279
Ion	Ratio	Lower	Upper
138	100		
92	60.0	32.3	72.3
108	79.0	59.2	99.2





#63

Azobenzene

Concen: 9.027 ng

RT: 16.145 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP013579.D

Acq: 24 Jan 2023 19:53

Instrument :

BNA_P

ClientSampleId :

BORING-1

Tgt Ion: 77 Resp: 631559

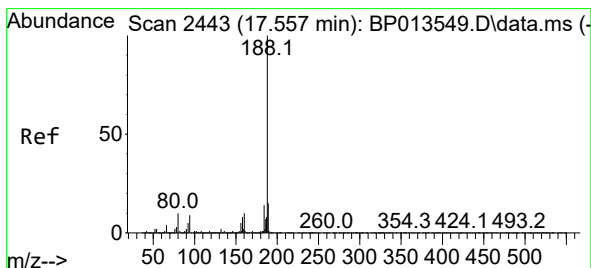
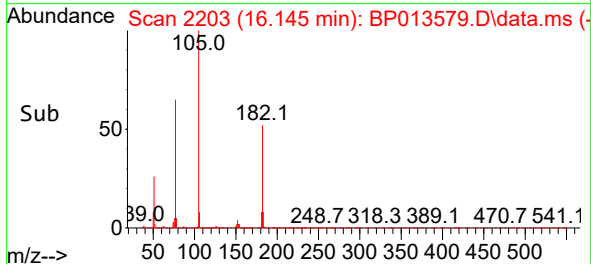
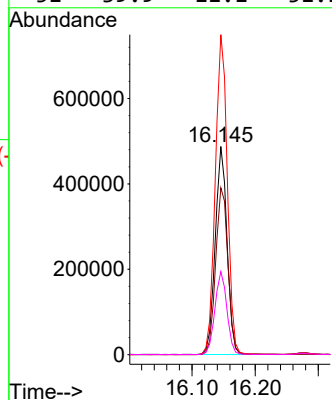
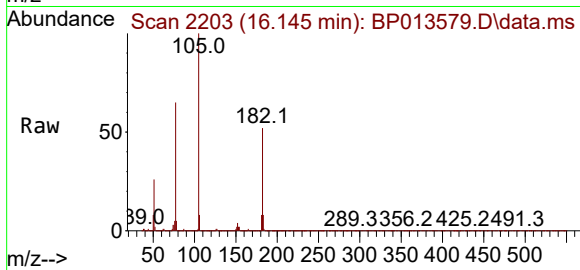
Ion Ratio Lower Upper

77 100

182 80.2 5.5 45.5#

105 153.8 1.4 41.4#

51 39.9 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.545 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP013579.D

Acq: 24 Jan 2023 19:53

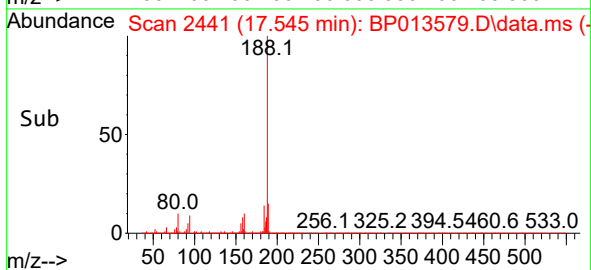
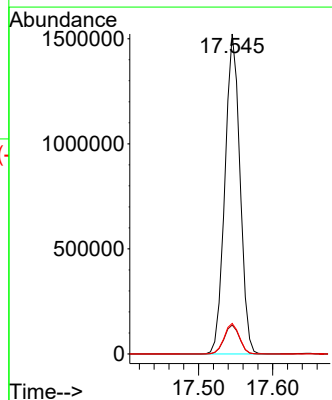
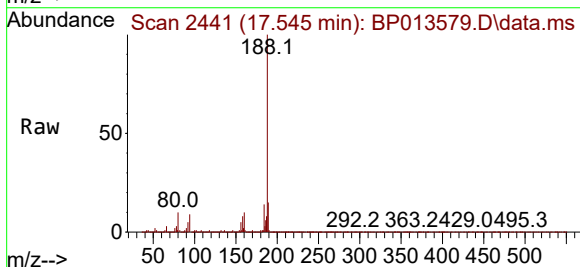
Tgt Ion:188 Resp: 2147763

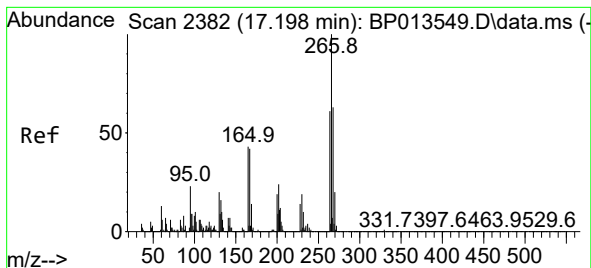
Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 9.6 8.2 12.2





#70

Pentachlorophenol

Concen: 5.362 ng

RT: 17.181 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013579.D

Acq: 24 Jan 2023 19:53

Instrument :

BNA_P

ClientSampleId :

BORING-1

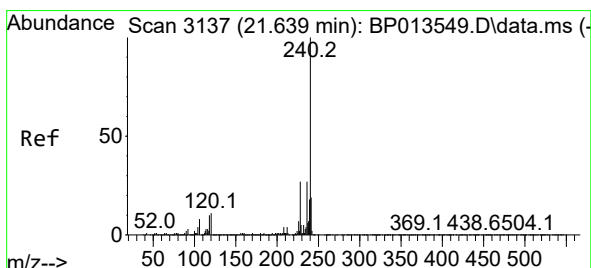
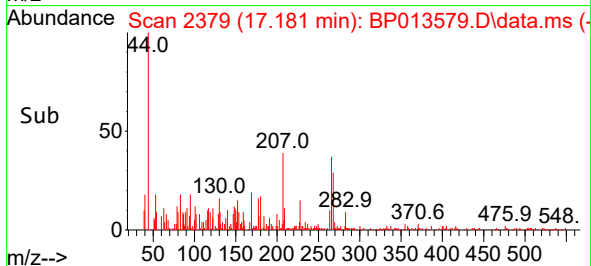
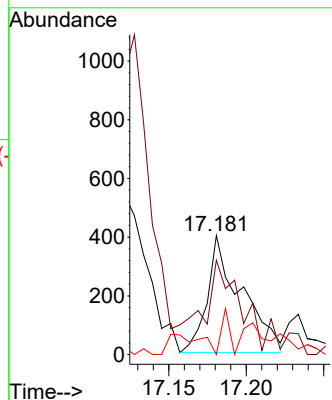
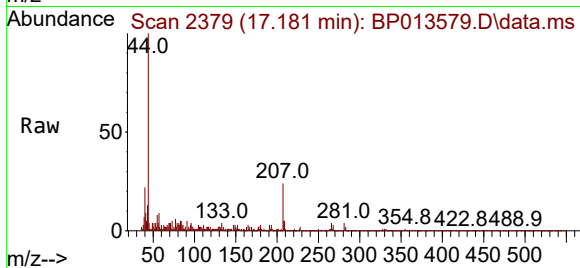
Tgt Ion:266 Resp: 613

Ion Ratio Lower Upper

266 100

268 80.8 50.7 76.1#

264 0.0 48.9 73.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.622 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP013579.D

Acq: 24 Jan 2023 19:53

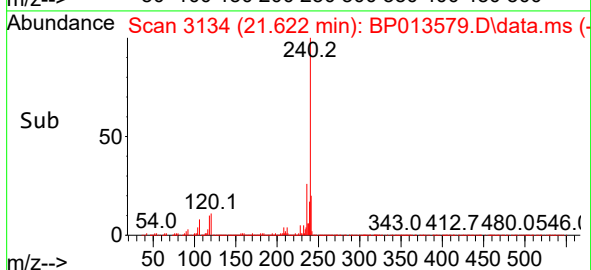
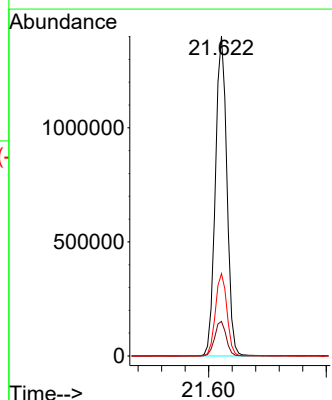
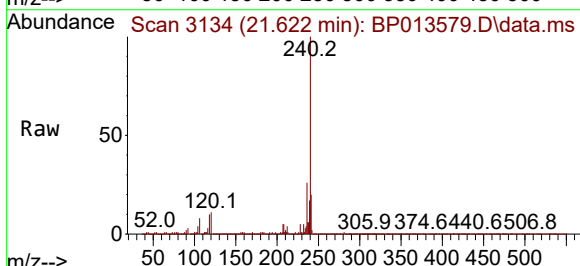
Tgt Ion:240 Resp: 1901145

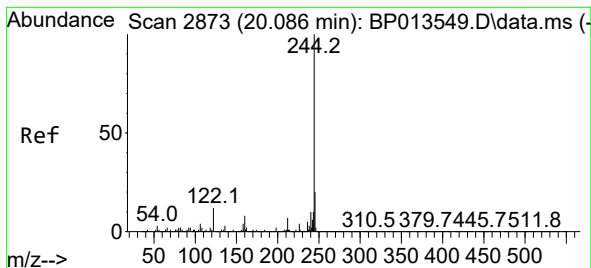
Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

236 25.7 21.3 31.9





#79

Terphenyl-d14

Concen: 64.349 ng

RT: 20.075 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013579.D

Acq: 24 Jan 2023 19:53

Instrument :

BNA_P

ClientSampleId :

BORING-1

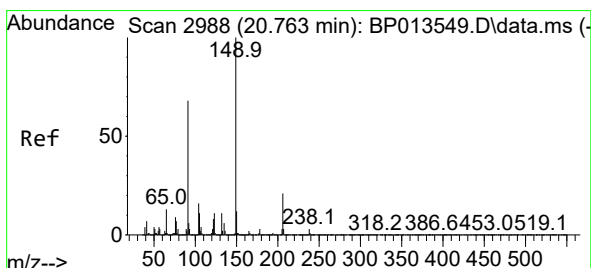
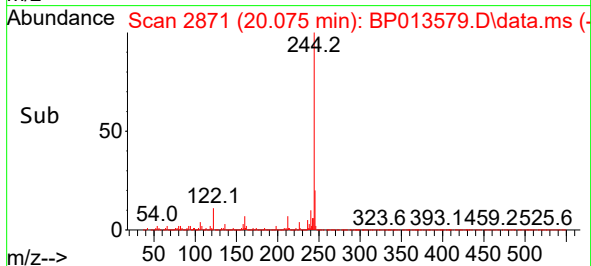
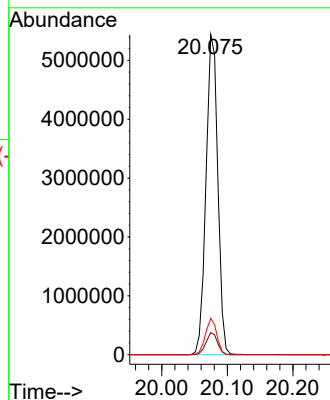
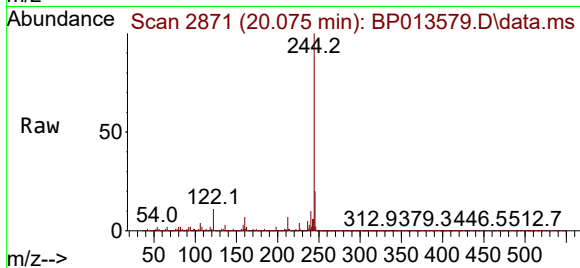
Tgt Ion:244 Resp: 6800302

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.3 9.2 13.8



#80

Butylbenzylphthalate

Concen: 3.570 ng

RT: 20.745 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP013579.D

Acq: 24 Jan 2023 19:53

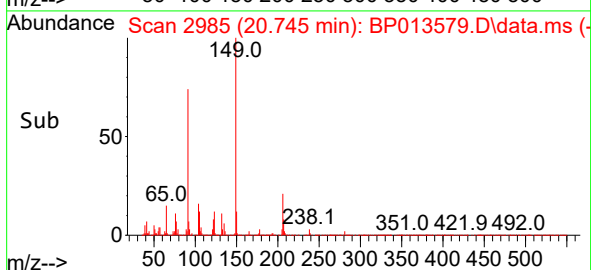
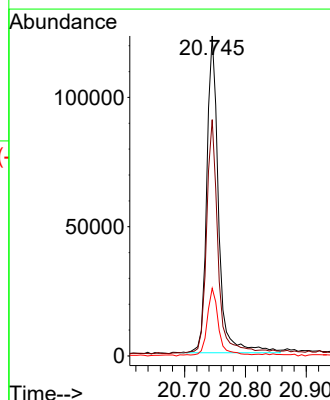
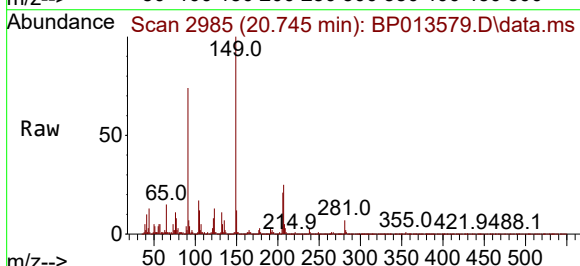
Tgt Ion:149 Resp: 165219

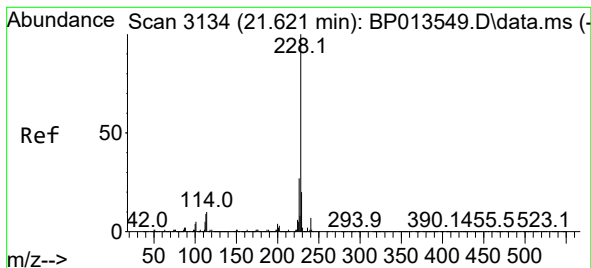
Ion Ratio Lower Upper

149 100

91 73.9 54.6 81.8

206 21.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 2.844 ng

RT: 21.604 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013579.D

Acq: 24 Jan 2023 19:53

Instrument :

BNA_P

ClientSampleId :

BORING-1

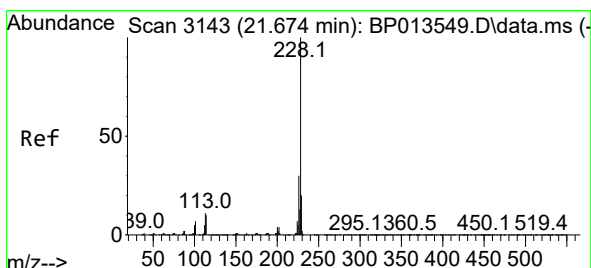
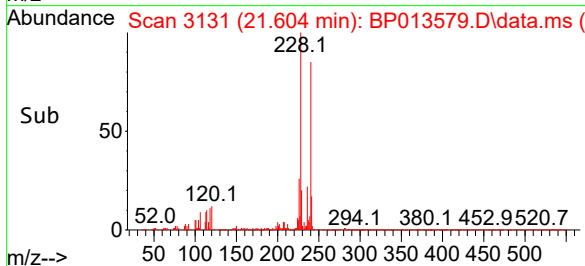
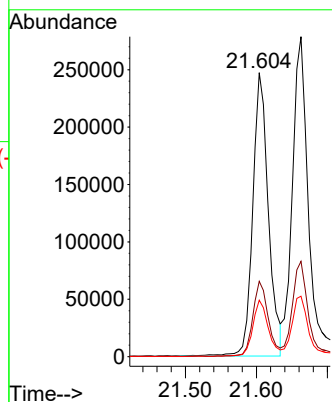
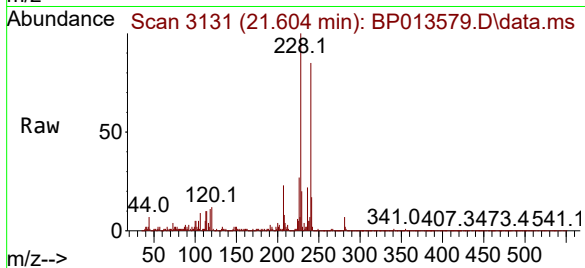
Tgt Ion:228 Resp: 376740

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

229 19.9 15.8 23.6



#83

Chrysene

Concen: 3.517 ng

RT: 21.663 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP013579.D

Acq: 24 Jan 2023 19:53

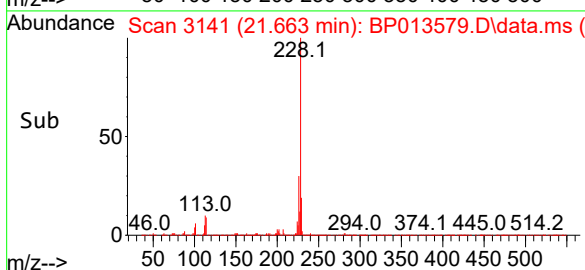
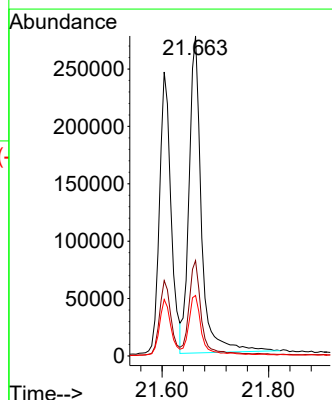
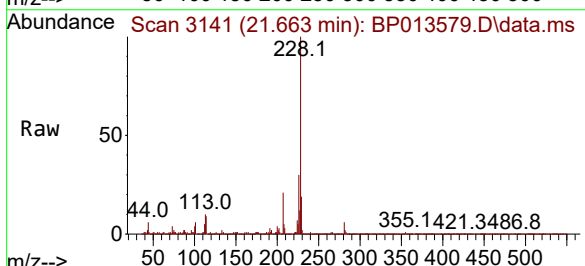
Tgt Ion:228 Resp: 445577

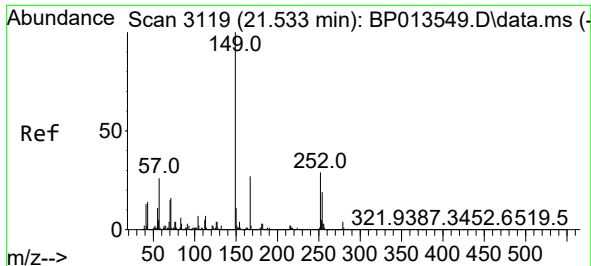
Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 18.9 16.2 24.2

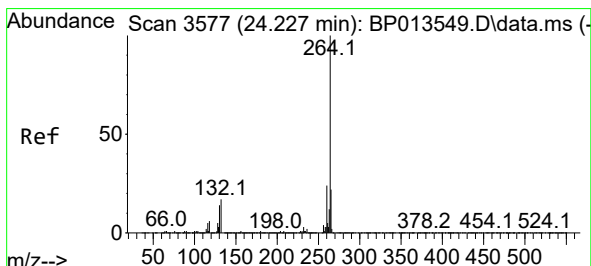
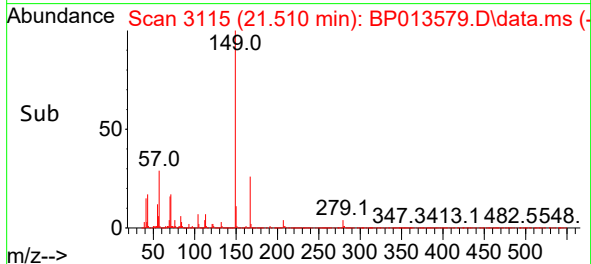
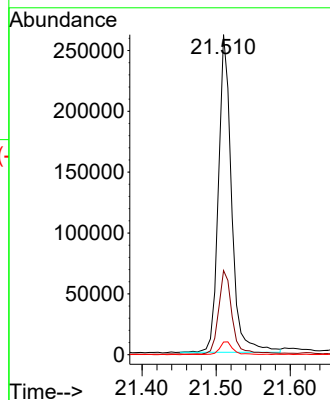
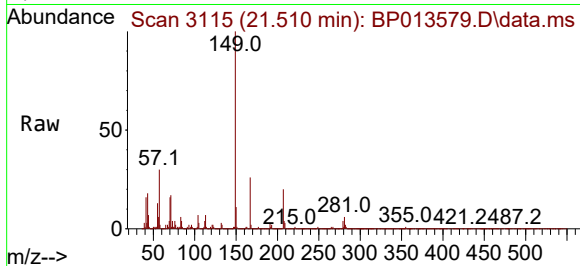




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.339 ng
RT: 21.510 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

Instrument :
BNA_P
ClientSampleId :
BORING-1

Tgt Ion:149 Resp: 321421
Ion Ratio Lower Upper
149 100
167 26.3 22.0 33.0
279 3.9 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: BP013579.D
Acq: 24 Jan 2023 19:53

Tgt Ion:264 Resp: 1543306
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.5 17.4 26.2

