

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)

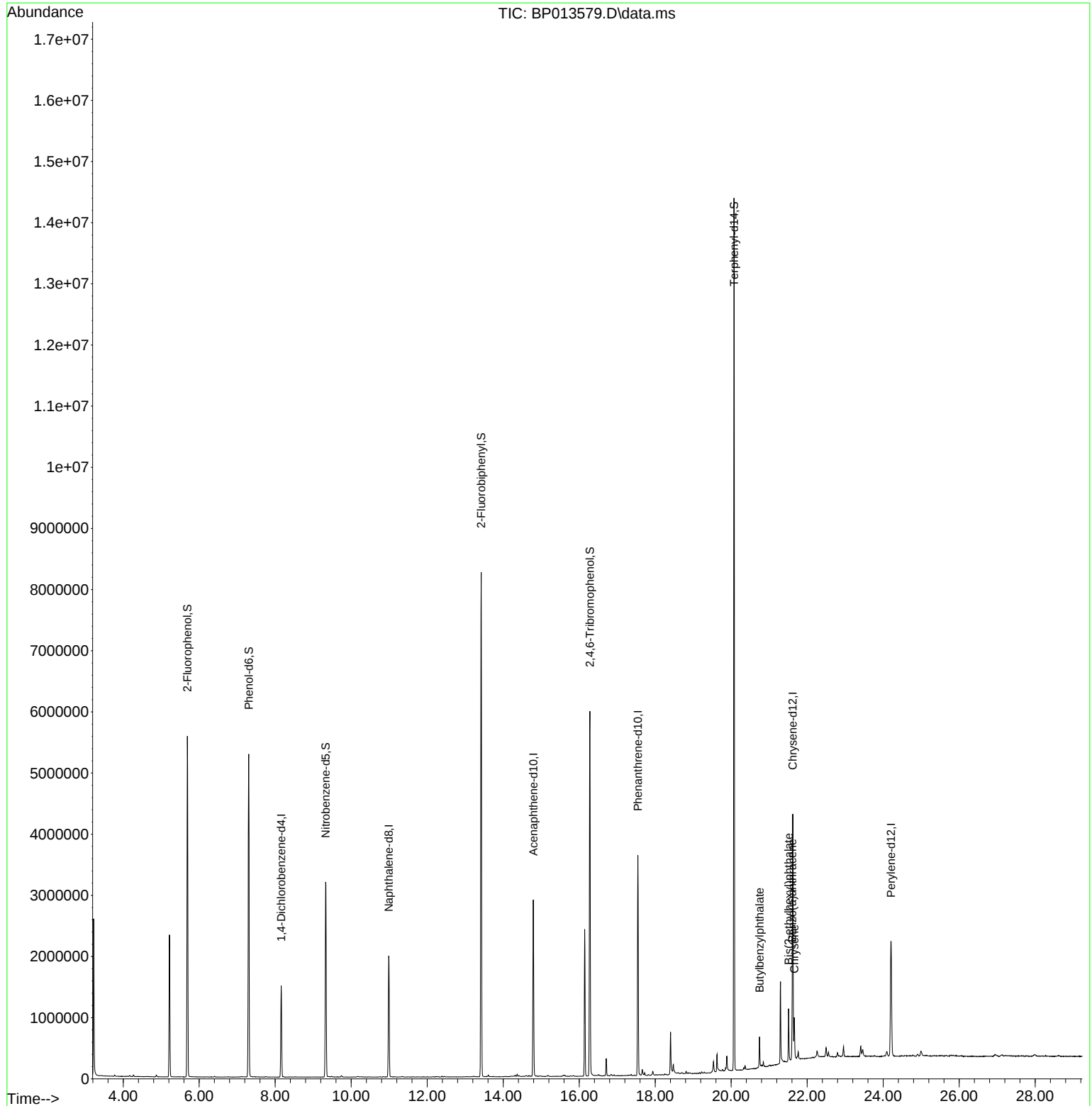
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	410843	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1671731	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	991693	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	2147763	20.000	ng	0.00
76) Chrysene-d12	21.622	240	1901145	20.000	ng	0.00
86) Perylene-d12	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
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

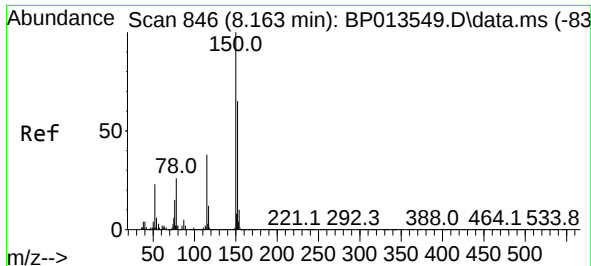
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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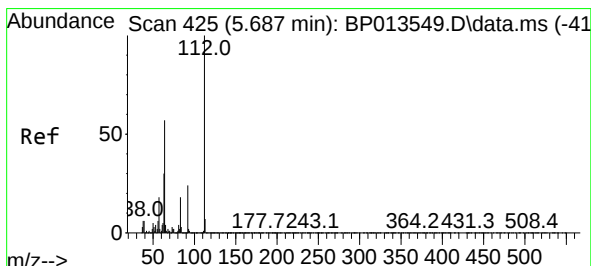
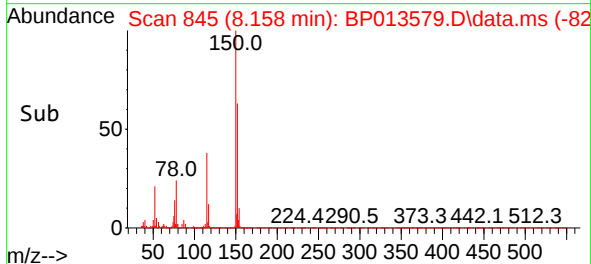
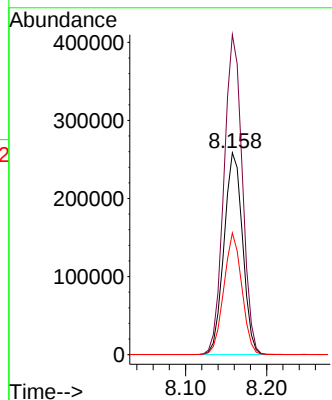
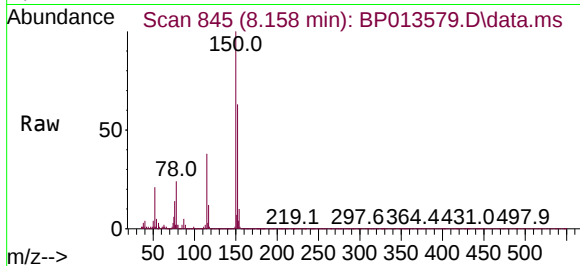




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

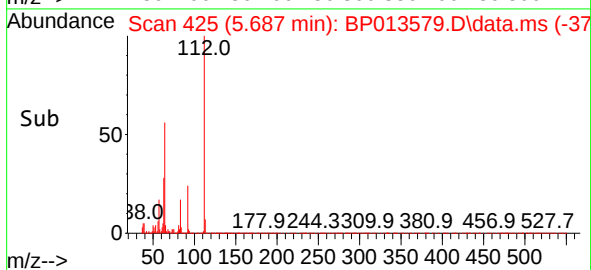
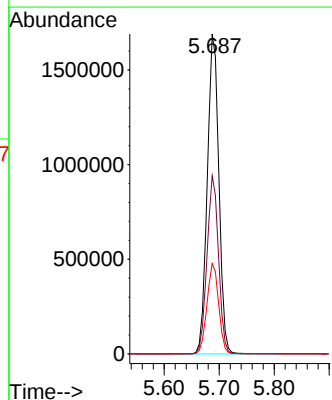
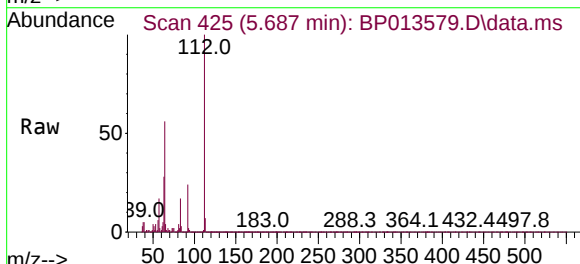
Instrument :
BNA_P
ClientSampleId :
BORING-1

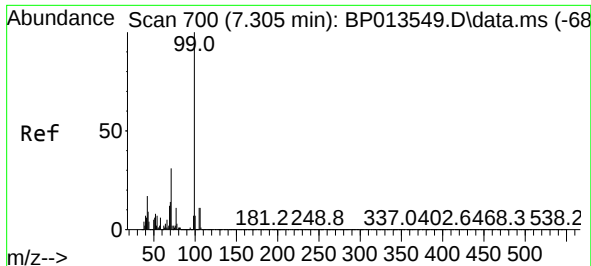
Tgt Ion:152 Resp: 410843
Ion Ratio Lower Upper
152 100
150 158.5 122.4 183.6
115 60.3 46.1 69.1



#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



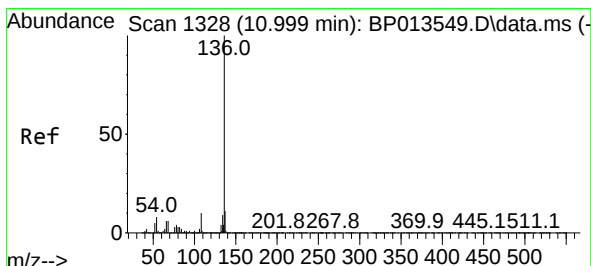
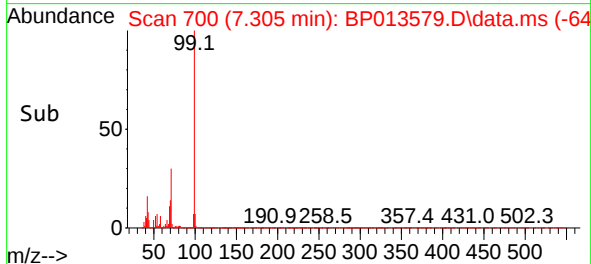
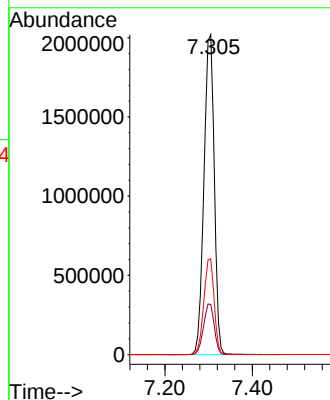
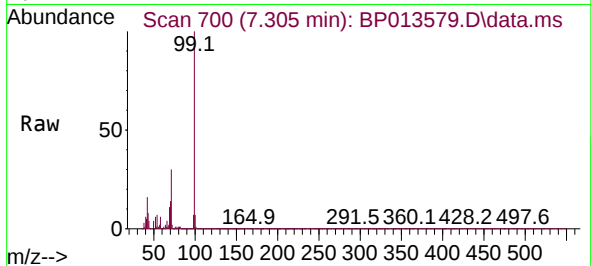


#7
Phenol-d6
Concen: 101.790 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

Instrument :
BNA_P
ClientSampleId :
BORING-1

Tgt Ion: 99 Resp: 3285002

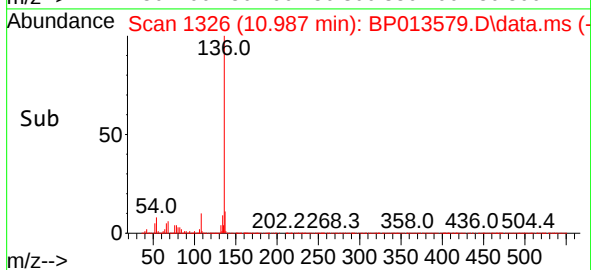
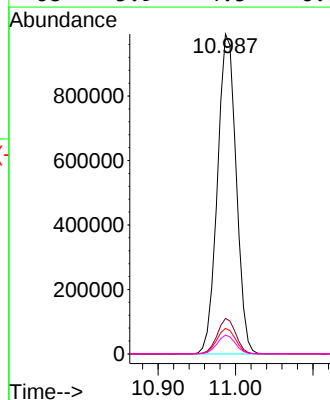
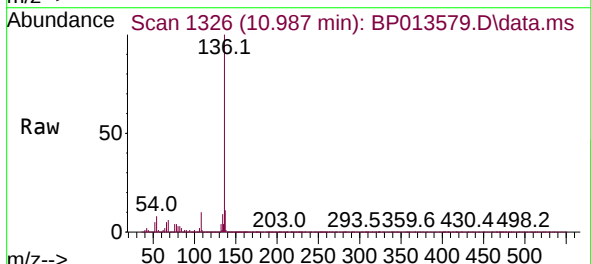
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.0	21.0
71	29.9	24.7	37.1

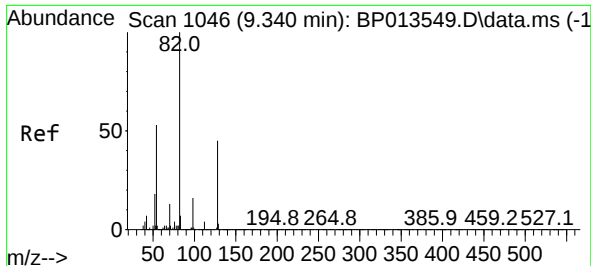


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

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# 1044

Delta R.T. -0.006 min

Lab File: BP013579.D

Acq: 24 Jan 2023 19:53

Instrument :

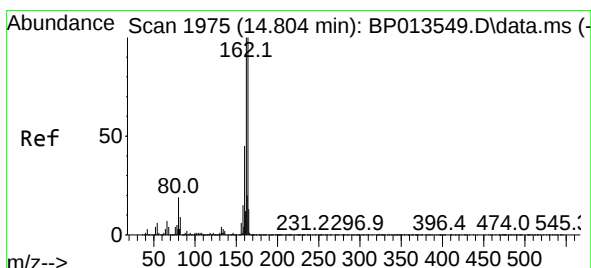
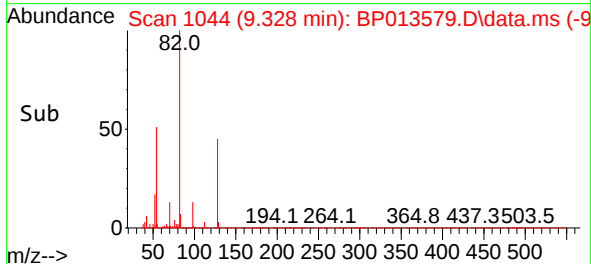
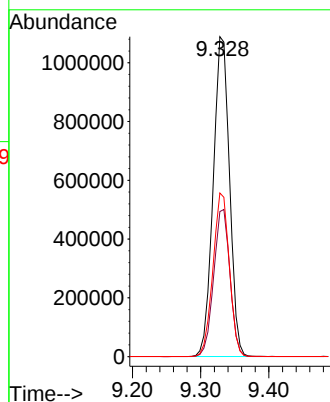
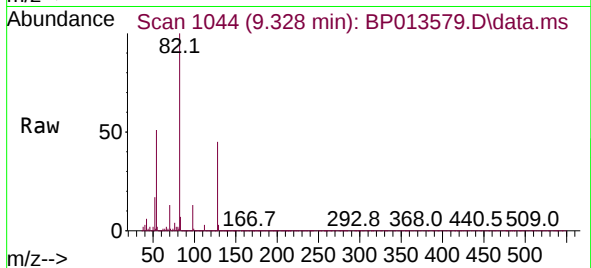
BNA_P

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.793 min Scan# 1973

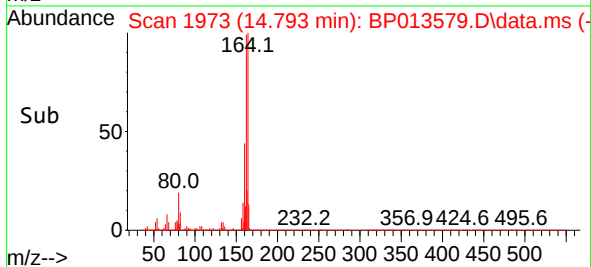
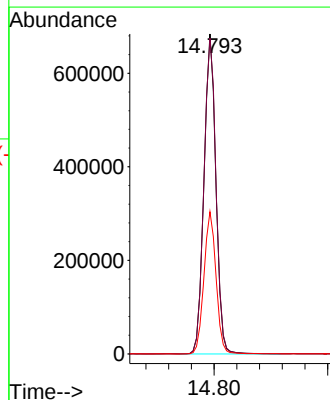
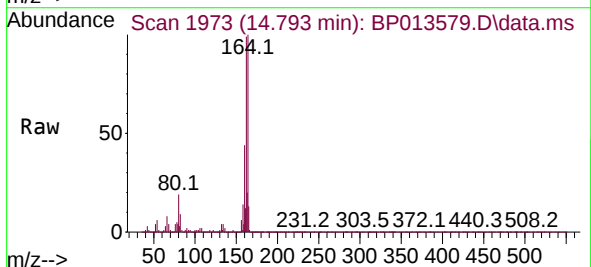
Delta R.T. -0.006 min

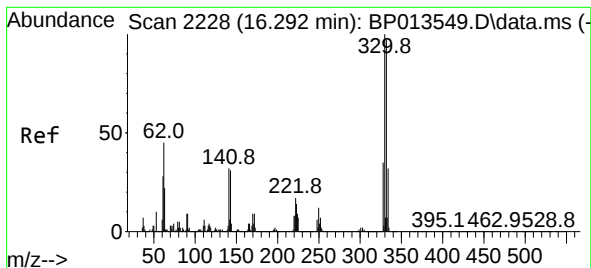
Lab File: BP013579.D

Acq: 24 Jan 2023 19:53

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





#42

2,4,6-Tribromophenol

Concen: 120.089 ng

RT: 16.281 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BP013579.D

Acq: 24 Jan 2023 19:53

Instrument :

BNA_P

ClientSampleId :

BORING-1

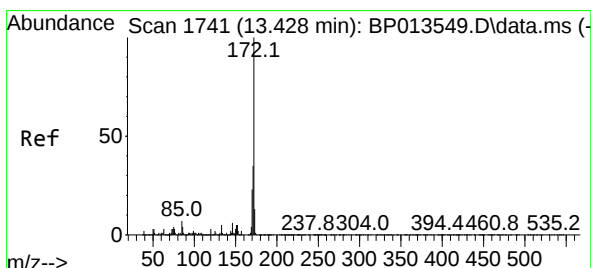
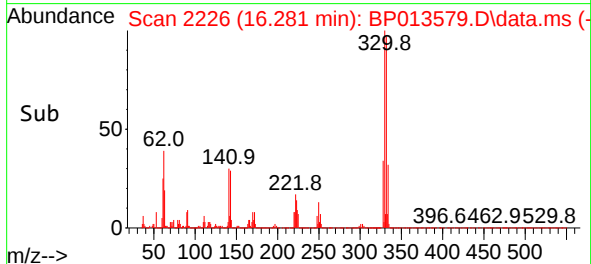
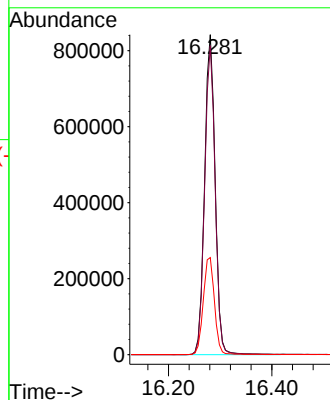
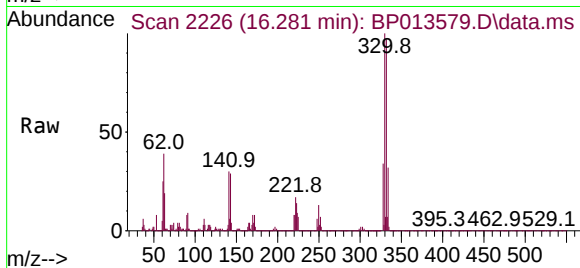
Tgt Ion:330 Resp: 1194543

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

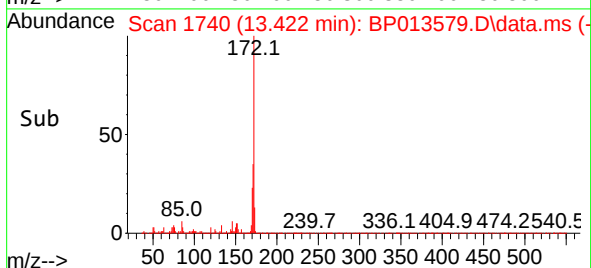
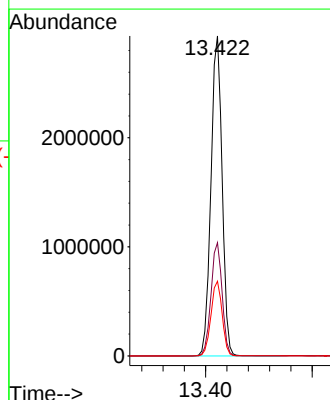
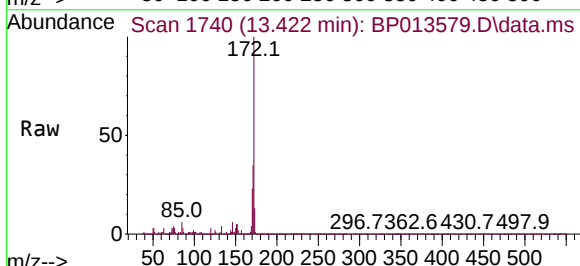
Tgt Ion:172 Resp: 4269725

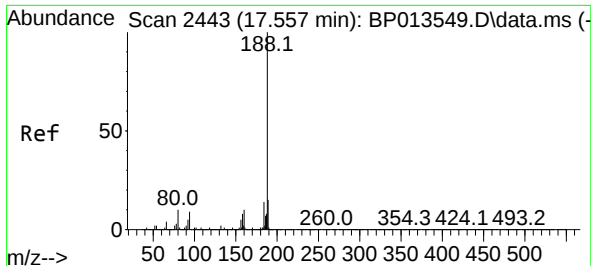
Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

170 23.3 18.6 27.8

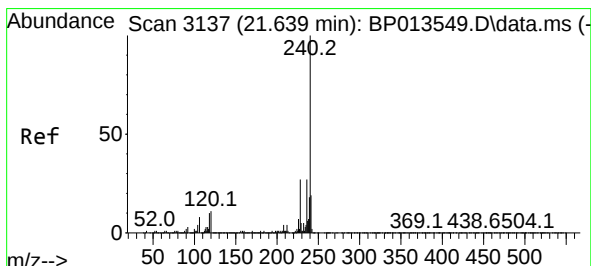
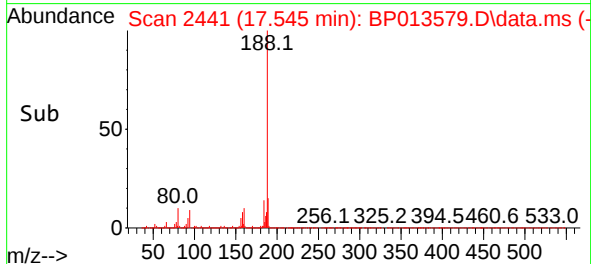
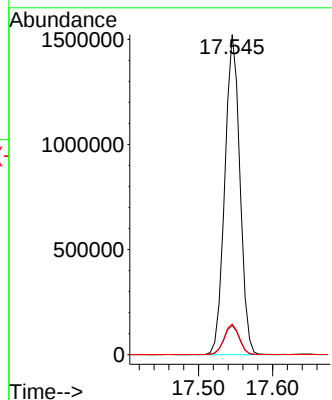
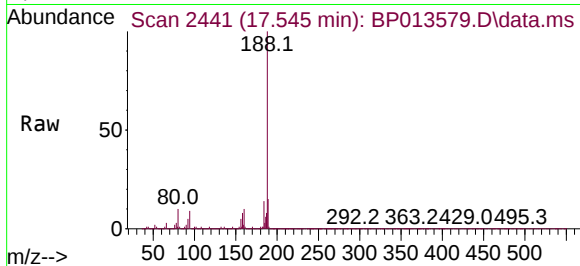




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

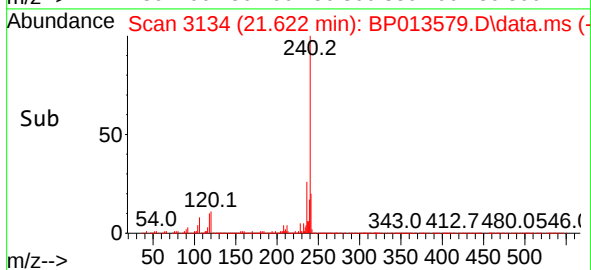
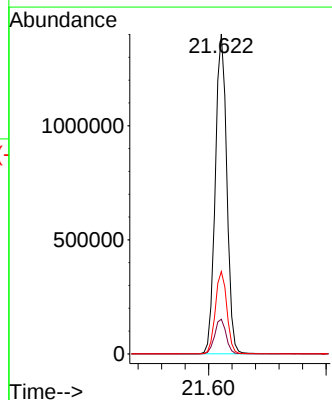
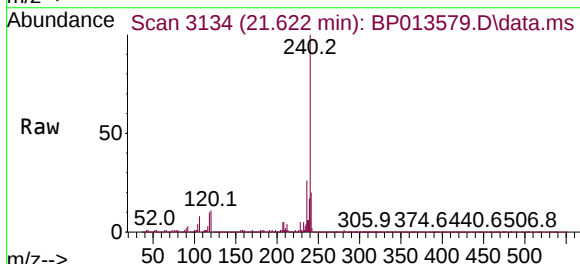
Instrument :
BNA_P
ClientSampleId :
BORING-1

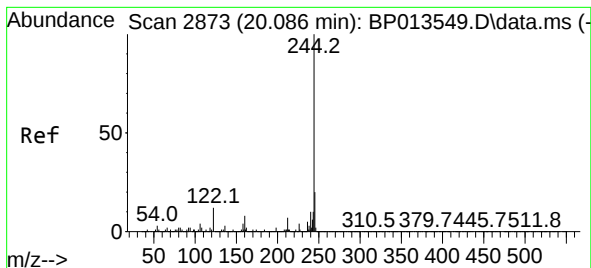
Tgt Ion:188 Resp: 2147763
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.6 8.2 12.2



#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# 2873

Delta R.T. -0.006 min

Lab File: BP013579.D

Acq: 24 Jan 2023 19:53

Instrument :

BNA_P

ClientSampleId :

BORING-1

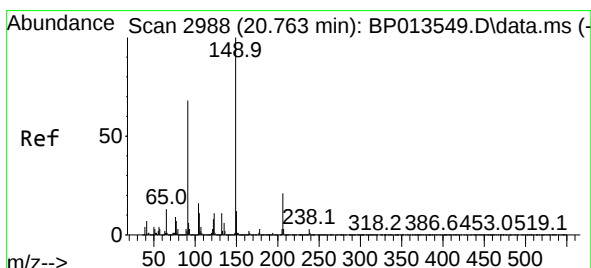
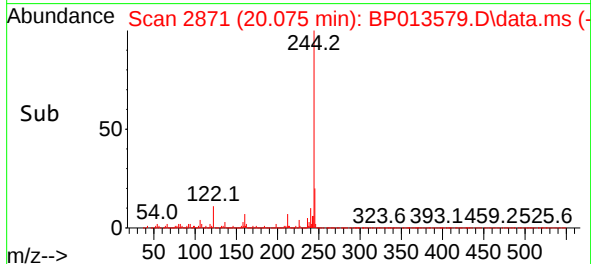
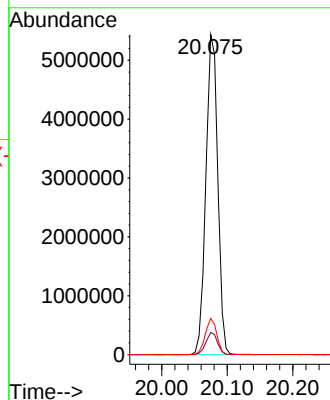
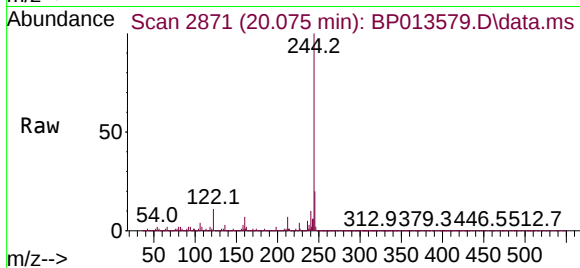
Tgt Ion:244 Resp: 6800302

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

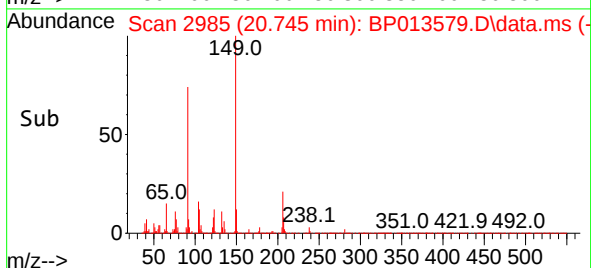
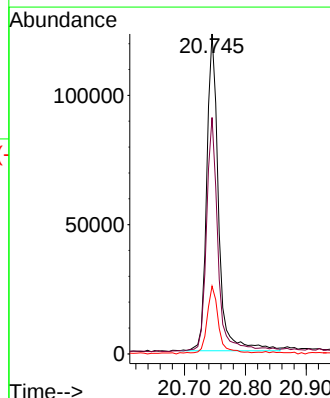
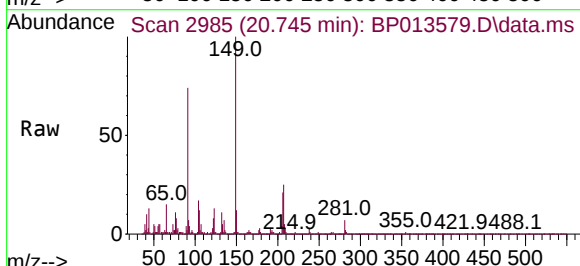
Tgt Ion:149 Resp: 165219

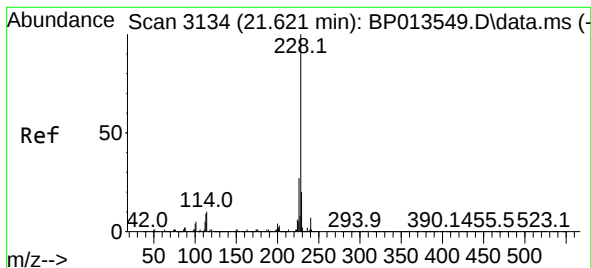
Ion Ratio Lower Upper

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

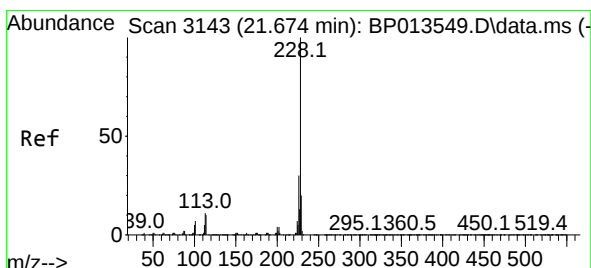
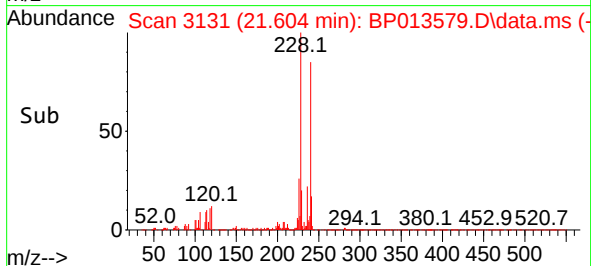
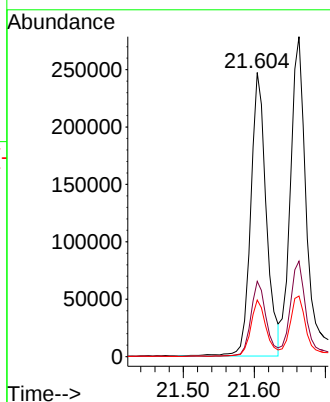
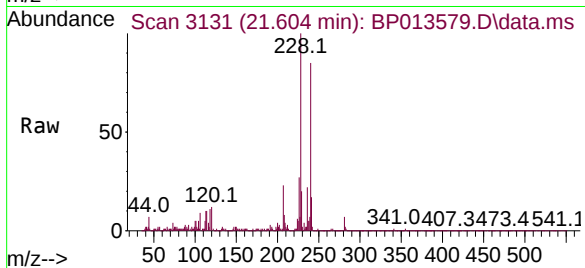
Tgt Ion:228 Resp: 376740

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

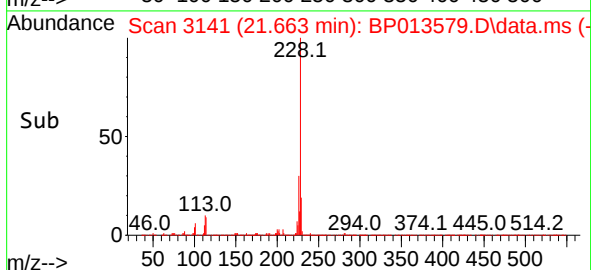
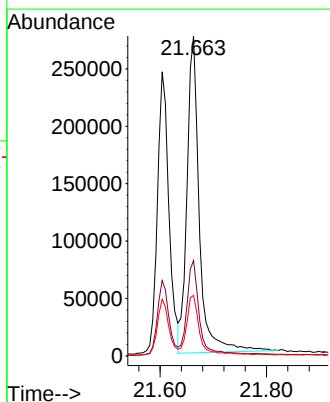
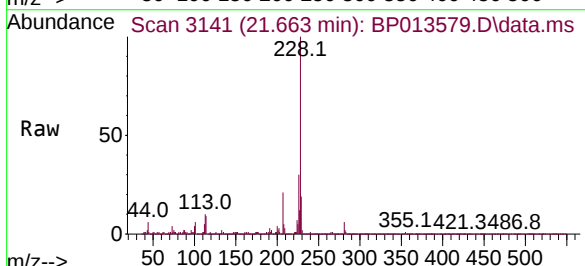
Tgt Ion:228 Resp: 445577

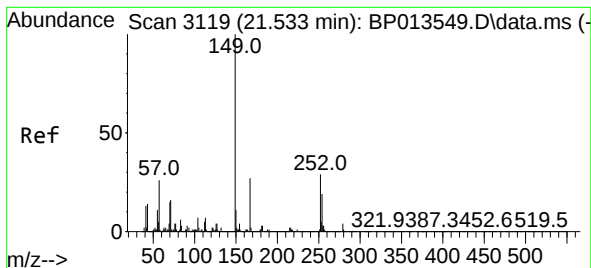
Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 18.9 16.2 24.2

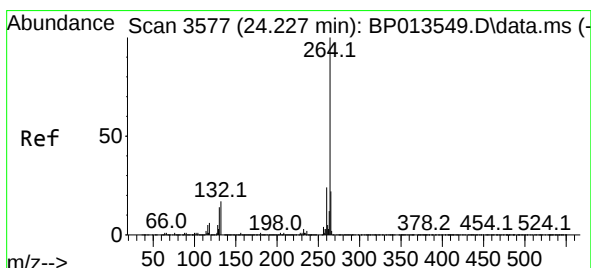
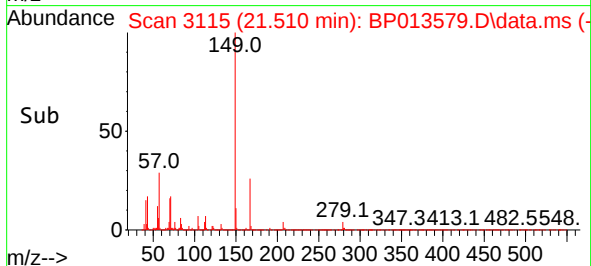
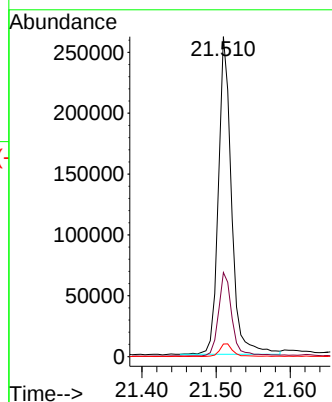
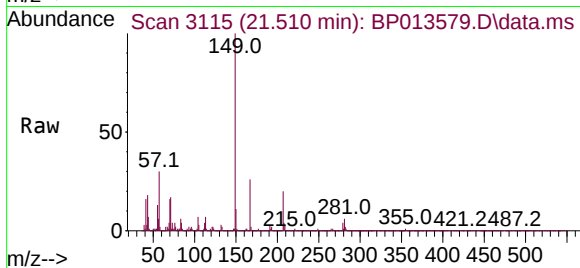




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.339 ng
RT: 21.510 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013579.D
Acq: 24 Jan 2023 19:53

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

