

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013635.D
 Acq On : 28 Jan 2023 01:06
 Operator : CG/JU
 Sample : 01190-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PE-5

Quant Time: Jan 29 23:56:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 03:27:54 2023
 Response via : Initial Calibration

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

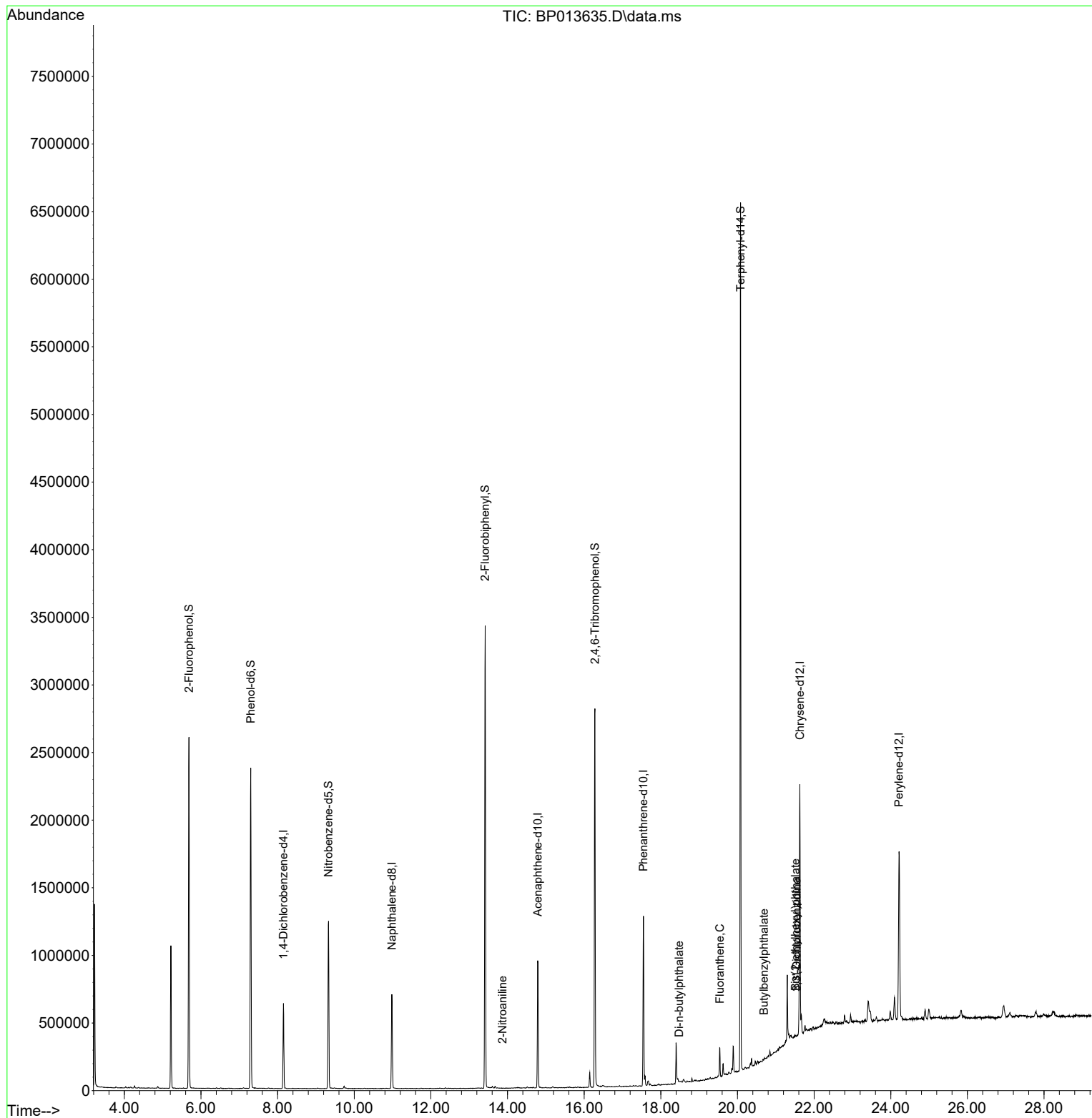
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	171036	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	575399	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	333677	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	767453	20.000	ng	0.00
76) Chrysene-d12	21.628	240	917274	20.000	ng	0.00
86) Perylene-d12	24.216	264	1078893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1115031	116.823	ng	0.00
7) Phenol-d6	7.299	99	1345266	104.336	ng	0.00
23) Nitrobenzene-d5	9.328	82	723773	69.117	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	598842	117.878	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	1793862	76.781	ng	0.00
79) Terphenyl-d14	20.081	244	3181100	61.197	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	13.869	65	51	3.930	ng	# 25
74) Di-n-butylphthalate	18.481	149	2219	3.632	ng	# 95
75) Fluoranthene	19.539	202	132267	2.694	ng	98
80) Butylbenzylphthalate	20.692	149	585	5.414	ng	91
82) 3,3'-Dichlorobenzidine	21.545	252	164	6.363	ng	# 45
84) Bis(2-ethylhexyl)phtha...	21.510	149	2417	3.489	ng	# 90

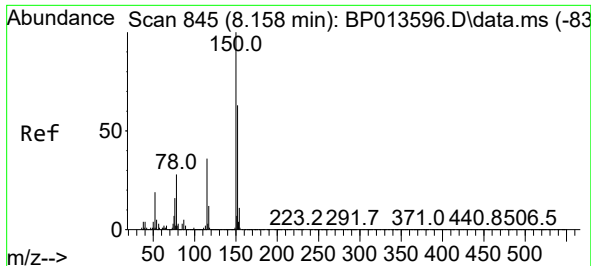
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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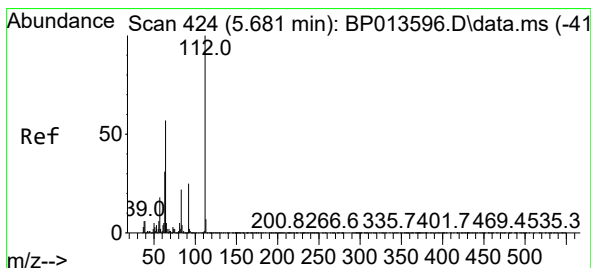
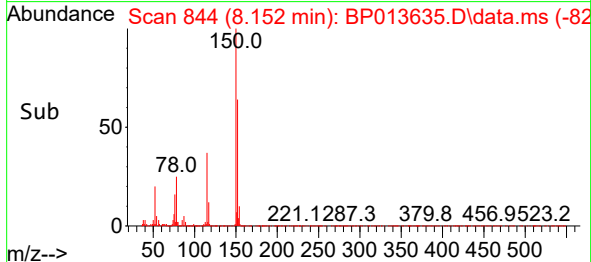
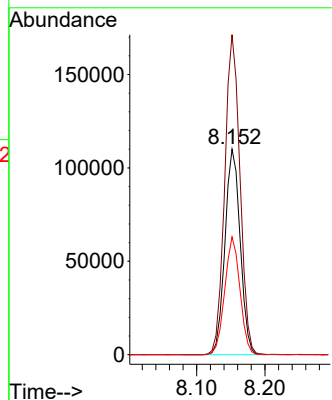
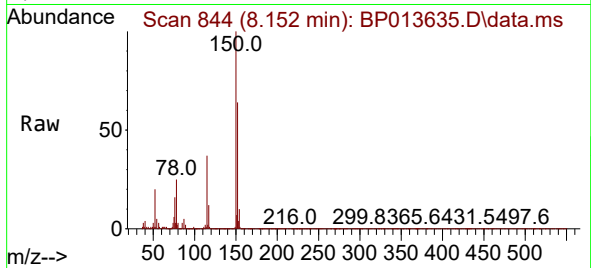




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP013635.D
Acq: 28 Jan 2023 01:06

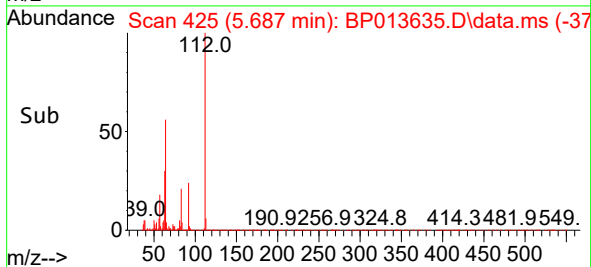
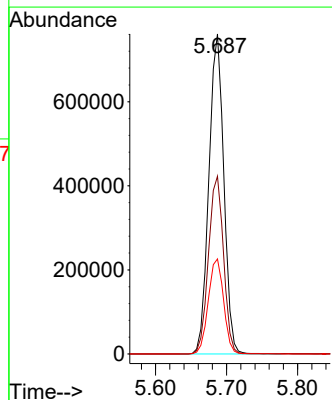
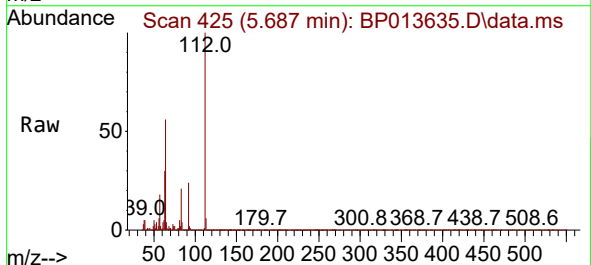
Instrument :
BNA_P
ClientSampleId :
PE-5

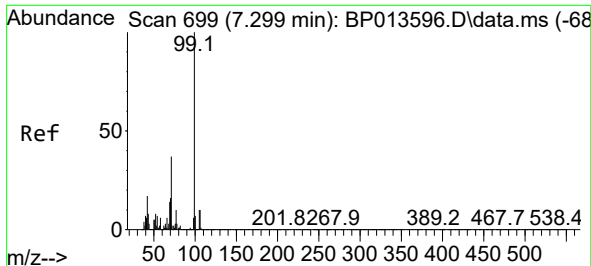
Tgt Ion:152 Resp: 171036
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 57.4 45.1 67.7



#5
2-Fluorophenol
Concen: 116.823 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.006 min
Lab File: BP013635.D
Acq: 28 Jan 2023 01:06

Tgt Ion:112 Resp: 1115031
Ion Ratio Lower Upper
112 100
64 55.6 45.5 68.3
63 29.7 25.1 37.7



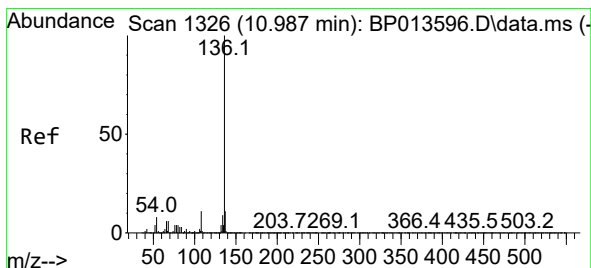
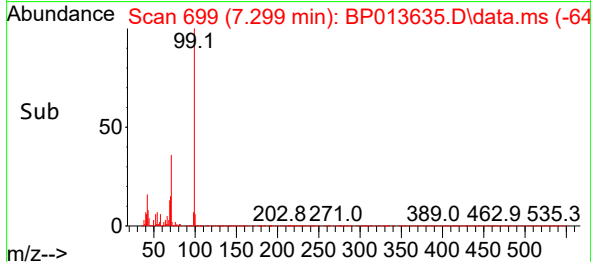
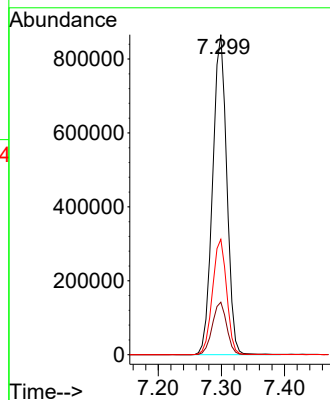
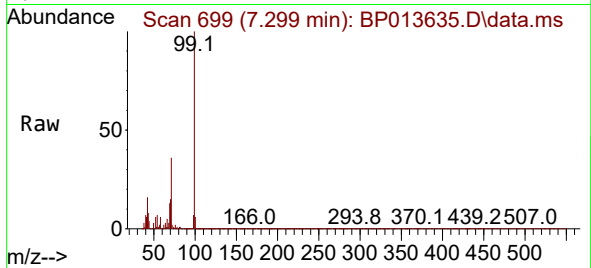


#7
Phenol-d6
Concen: 104.336 ng
RT: 7.299 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP013635.D
Acq: 28 Jan 2023 01:06

Instrument :
BNA_P
ClientSampleId :
PE-5

Tgt Ion: 99 Resp: 1345266

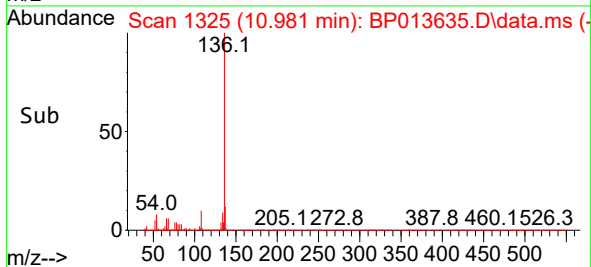
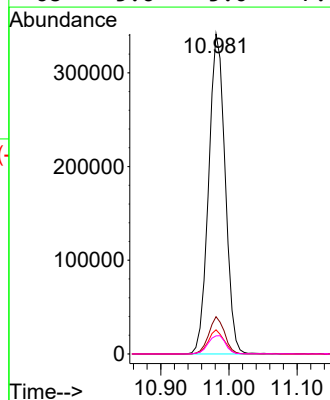
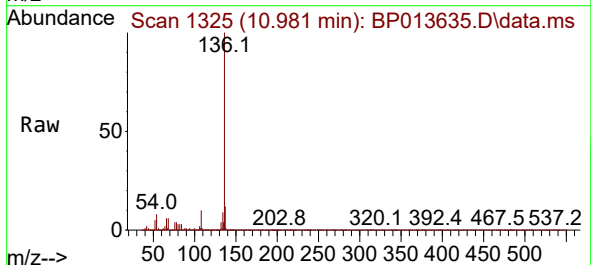
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.2
71	36.1	29.9	44.9

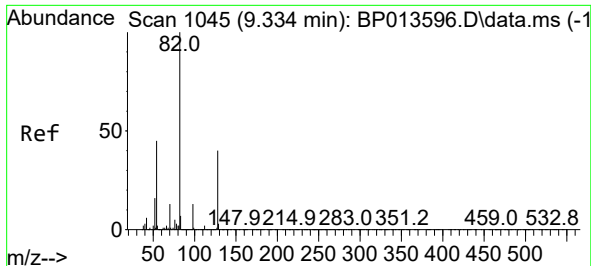


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BP013635.D
Acq: 28 Jan 2023 01:06

Tgt Ion: 136 Resp: 575399

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	7.6	6.1	9.1
68	5.6	5.0	7.4





#23

Nitrobenzene-d5

Concen: 69.117 ng

RT: 9.328 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BP013635.D

Acq: 28 Jan 2023 01:06

Instrument :

BNA_P

ClientSampleId :

PE-5

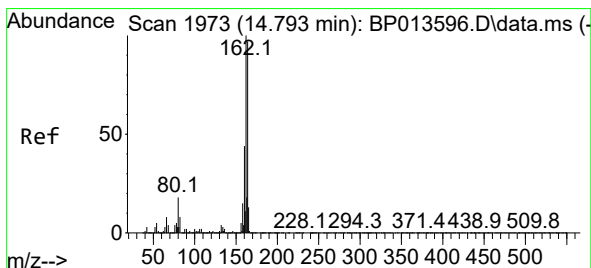
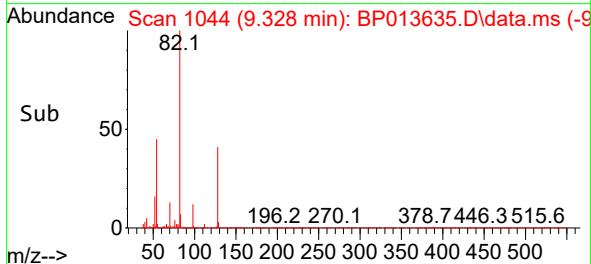
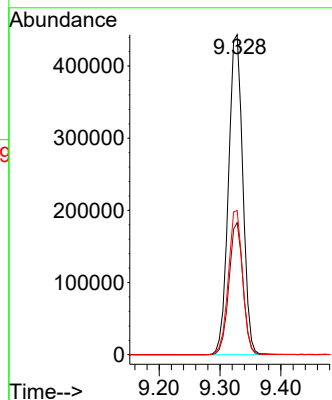
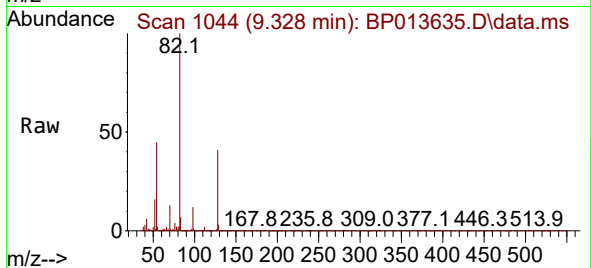
Tgt Ion: 82 Resp: 723773

Ion Ratio Lower Upper

82 100

128 41.2 31.8 47.8

54 45.1 36.2 54.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.787 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BP013635.D

Acq: 28 Jan 2023 01:06

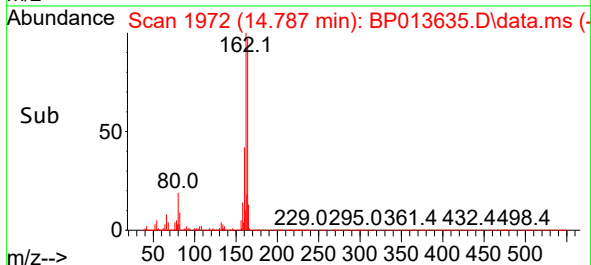
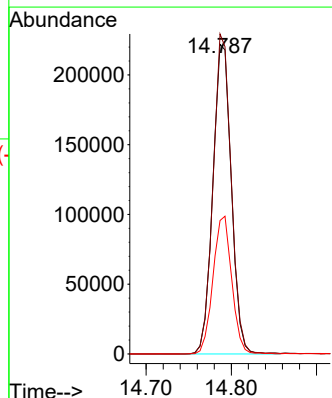
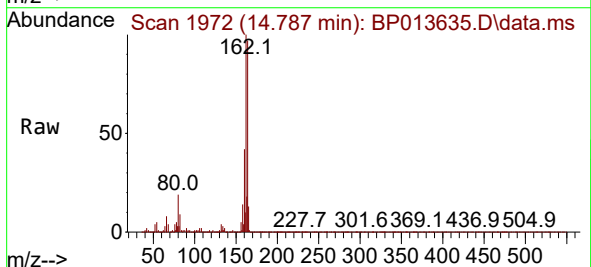
Tgt Ion: 164 Resp: 333677

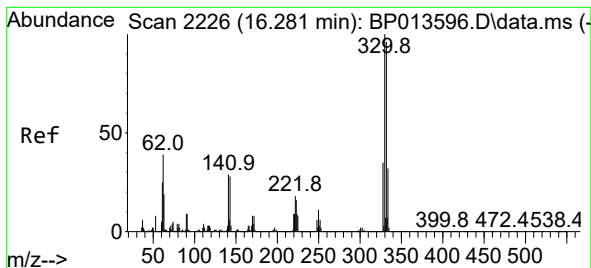
Ion Ratio Lower Upper

164 100

162 103.4 82.3 123.5

160 43.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 117.878 ng

RT: 16.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013635.D

Acq: 28 Jan 2023 01:06

Instrument :

BNA_P

ClientSampleId :

PE-5

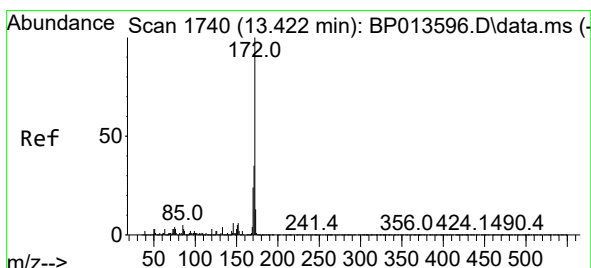
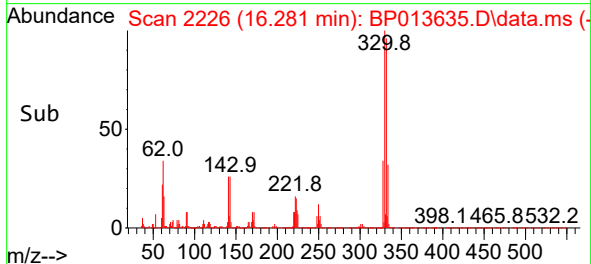
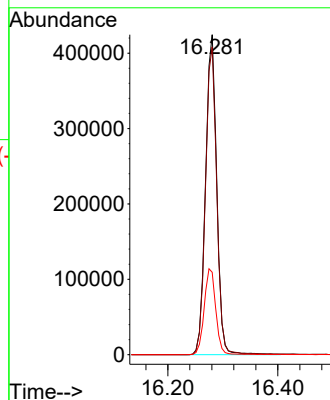
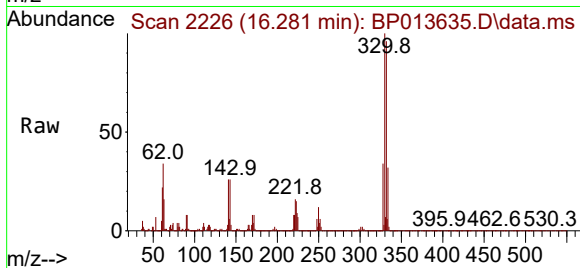
Tgt Ion:330 Resp: 598842

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 27.8 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 76.781 ng

RT: 13.416 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BP013635.D

Acq: 28 Jan 2023 01:06

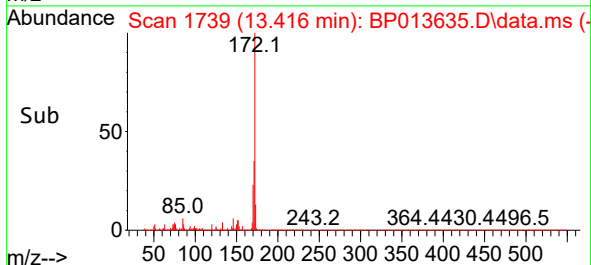
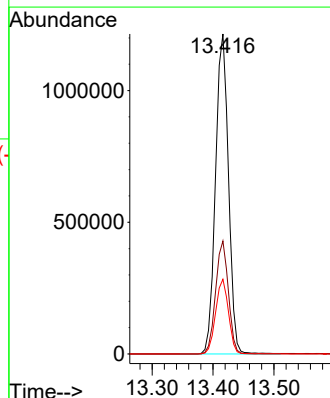
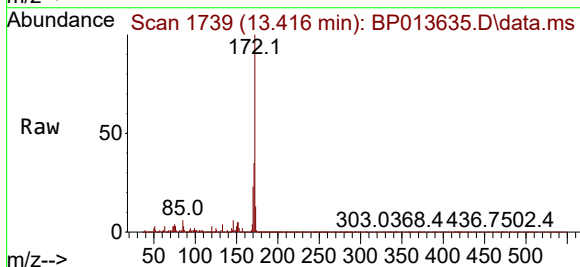
Tgt Ion:172 Resp: 1793862

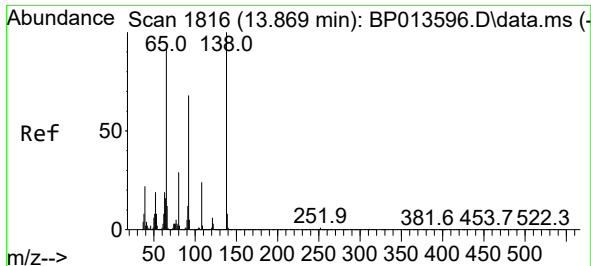
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.4 19.1 28.7

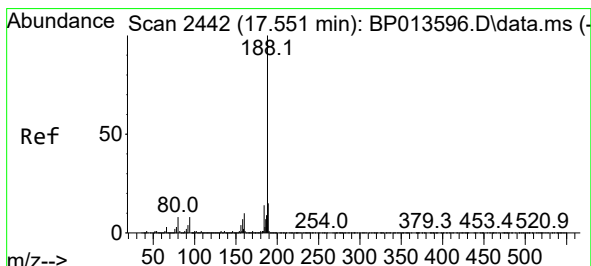
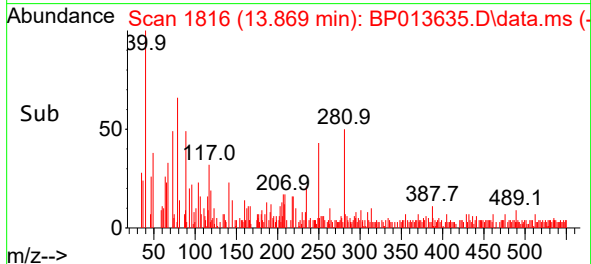
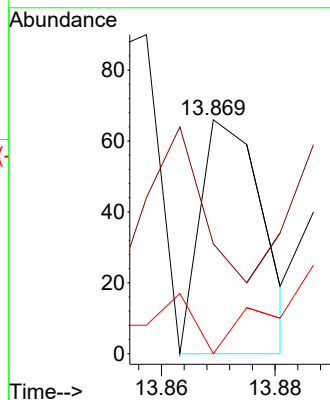
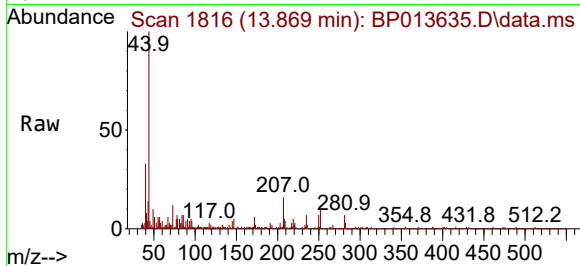




#48
2-Nitroaniline
Concen: 3.930 ng
RT: 13.869 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BP013635.D
Acq: 28 Jan 2023 01:06

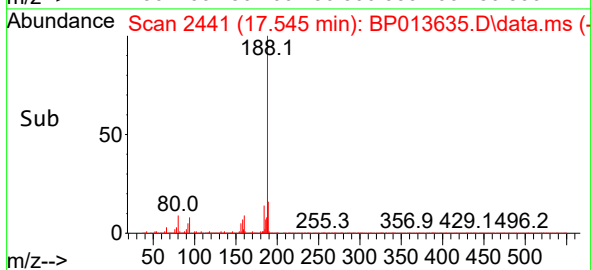
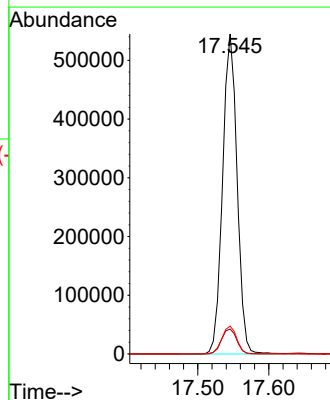
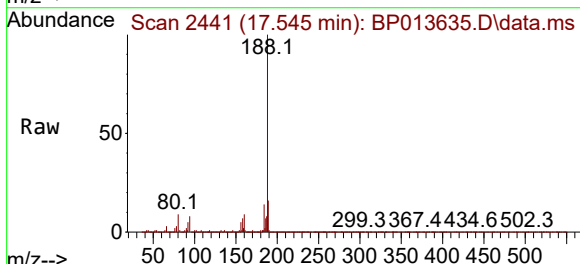
Instrument :
BNA_P
ClientSampleId :
PE-5

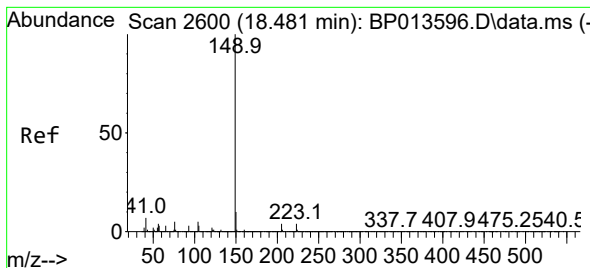
Tgt Ion: 65 Resp: 51
Ion Ratio Lower Upper
65 100
92 47.0 59.5 89.3#
138 0.0 87.1 130.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013635.D
Acq: 28 Jan 2023 01:06

Tgt Ion:188 Resp: 767453
Ion Ratio Lower Upper
188 100
94 7.8 6.1 9.1
80 8.7 6.6 10.0





#74

Di-n-butylphthalate

Concen: 3.632 ng

RT: 18.481 min Scan# 2600

Delta R.T. -0.000 min

Lab File: BP013635.D

Acq: 28 Jan 2023 01:06

Instrument :

BNA_P

ClientSampleId :

PE-5

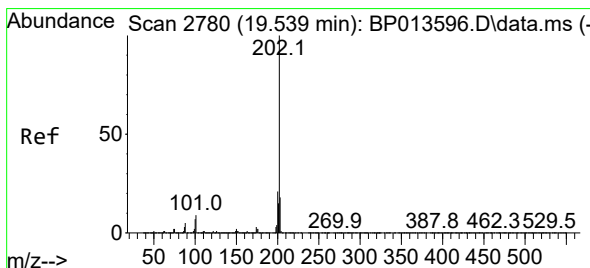
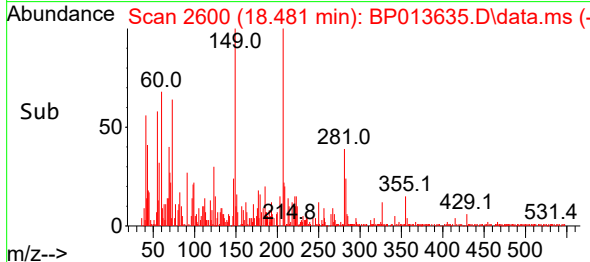
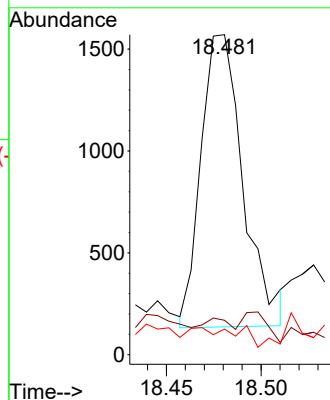
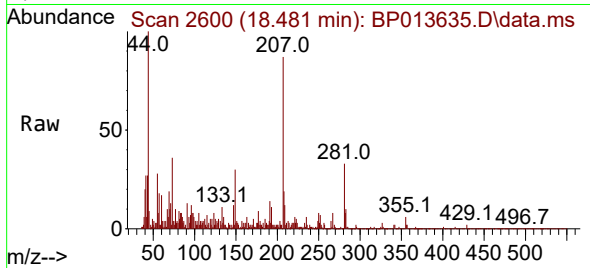
Tgt Ion:149 Resp: 2219

Ion Ratio Lower Upper

149 100

150 10.8 7.6 11.4

104 8.0 4.4 6.6#



#75

Fluoranthene

Concen: 2.694 ng

RT: 19.539 min Scan# 2780

Delta R.T. 0.000 min

Lab File: BP013635.D

Acq: 28 Jan 2023 01:06

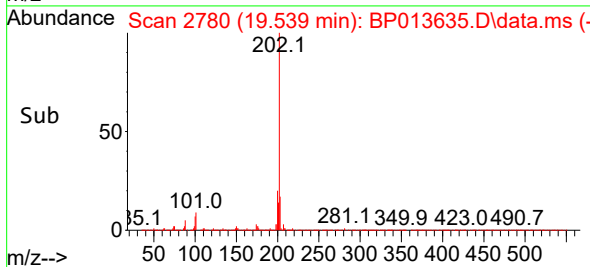
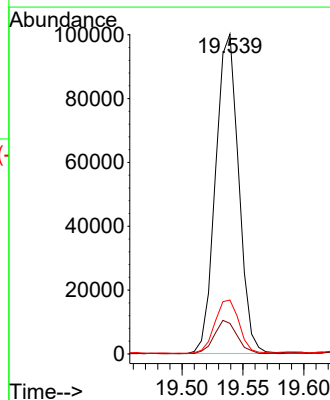
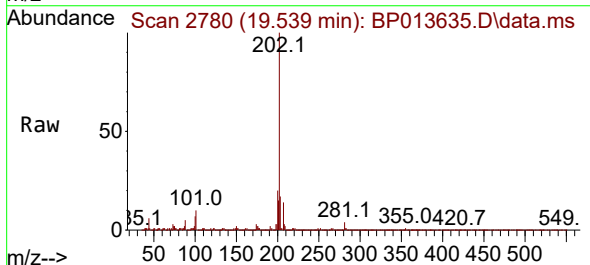
Tgt Ion:202 Resp: 132267

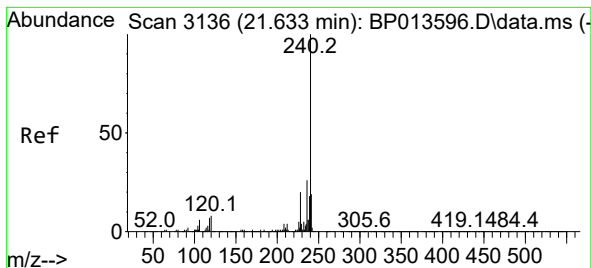
Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.9

203 16.9 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.628 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP013635.D

Acq: 28 Jan 2023 01:06

Instrument :

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ClientSampleId :

PE-5

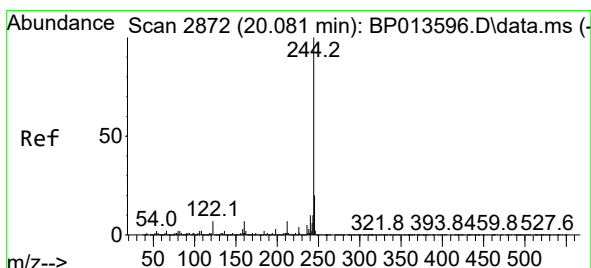
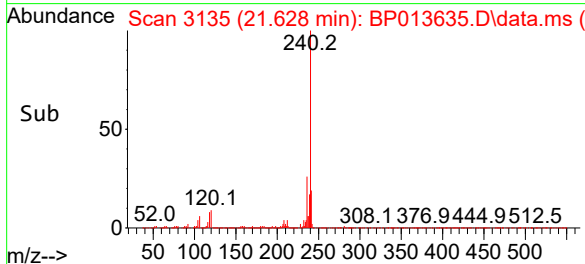
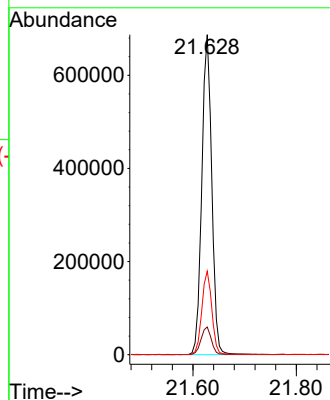
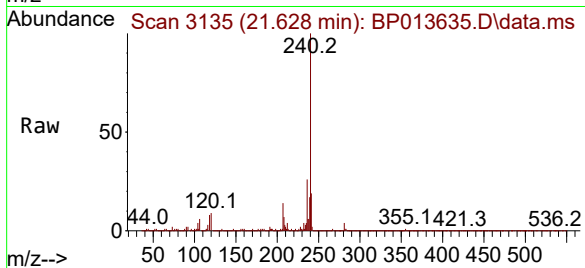
Tgt Ion:240 Resp: 917274

Ion Ratio Lower Upper

240 100

120 8.6 6.7 10.1

236 26.1 20.7 31.1



#79

Terphenyl-d14

Concen: 61.197 ng

RT: 20.081 min Scan# 2872

Delta R.T. 0.000 min

Lab File: BP013635.D

Acq: 28 Jan 2023 01:06

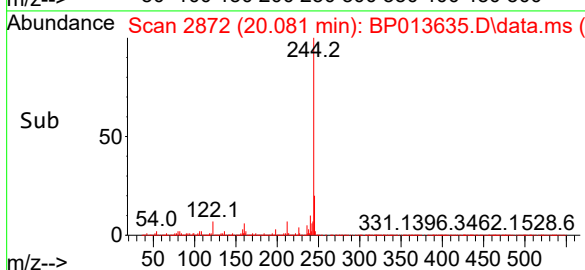
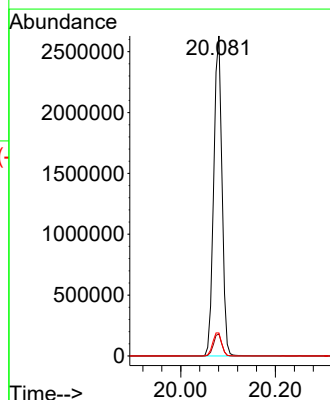
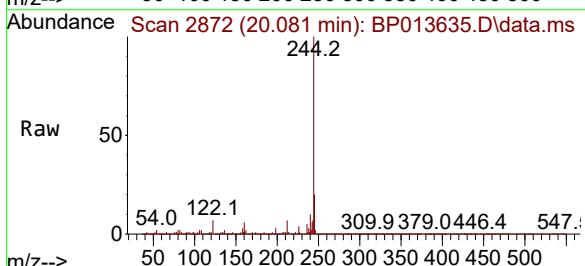
Tgt Ion:244 Resp: 3181100

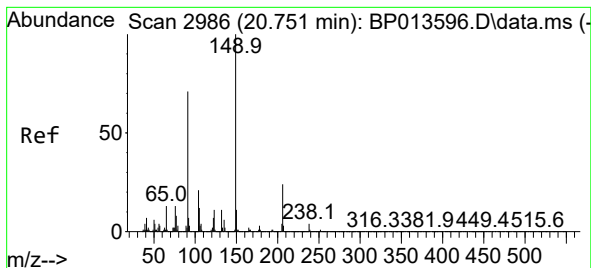
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 7.2 5.3 7.9





#80

Butylbenzylphthalate

Concen: 5.414 ng

RT: 20.692 min Scan# 2986

Delta R.T. -0.059 min

Lab File: BP013635.D

Acq: 28 Jan 2023 01:06

Instrument :

BNA_P

ClientSampleId :

PE-5

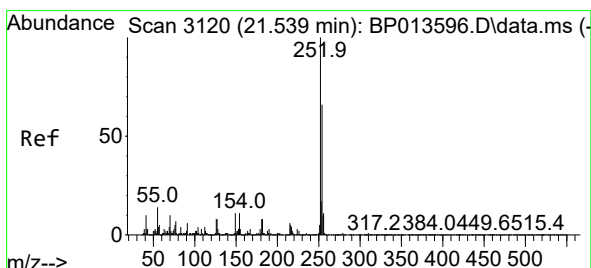
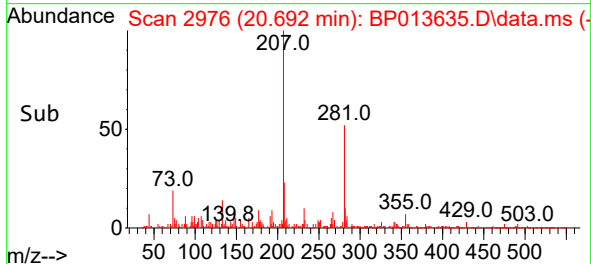
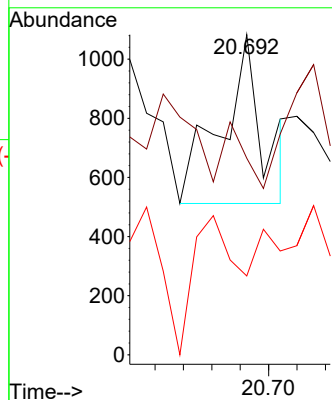
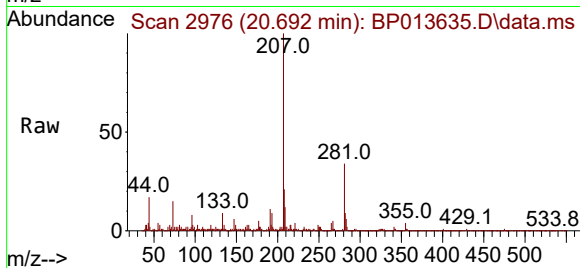
Tgt Ion:149 Resp: 585

Ion Ratio Lower Upper

149 100

91 61.4 57.0 85.6

206 24.7 19.0 28.6



#82

3,3'-Dichlorobenzidine

Concen: 6.363 ng

RT: 21.545 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BP013635.D

Acq: 28 Jan 2023 01:06

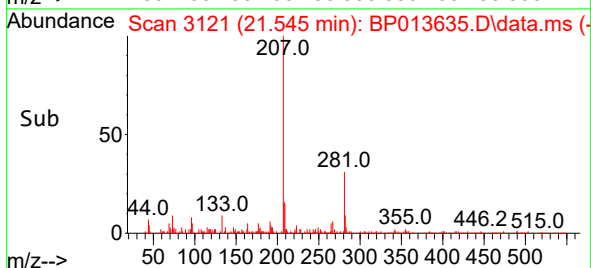
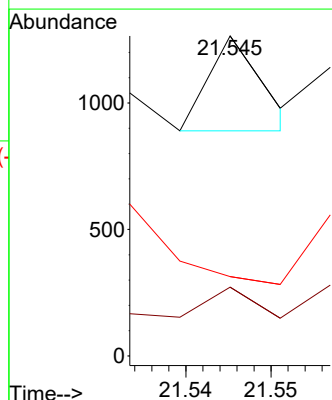
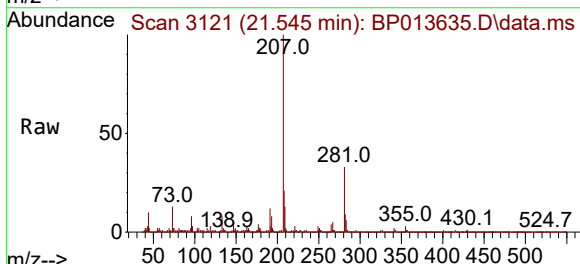
Tgt Ion:252 Resp: 164

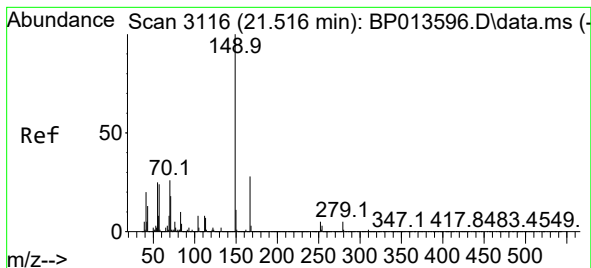
Ion Ratio Lower Upper

252 100

254 21.5 52.3 78.5#

126 24.8 6.2 9.4#

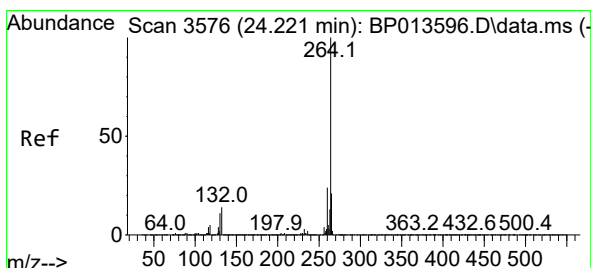
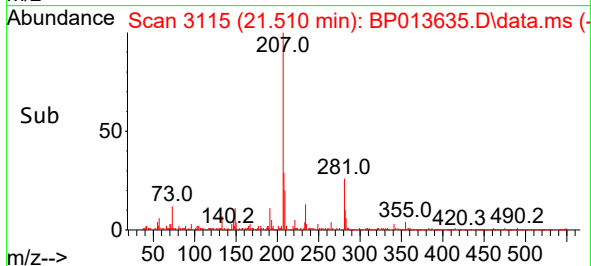
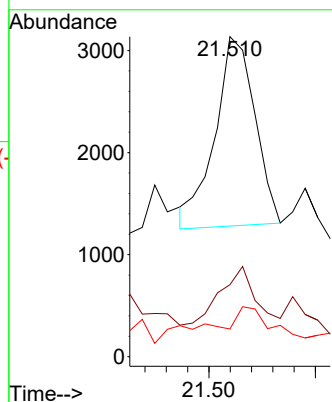
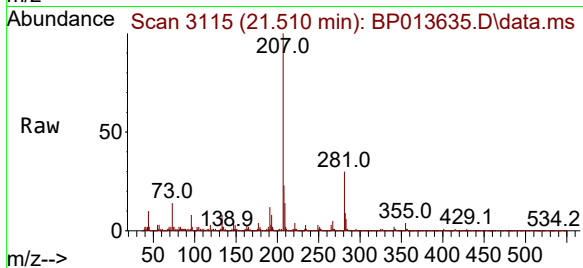




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.489 ng
RT: 21.510 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP013635.D
Acq: 28 Jan 2023 01:06

Instrument :
BNA_P
ClientSampleId :
PE-5

Tgt Ion:149 Resp: 2417
Ion Ratio Lower Upper
149 100
167 22.5 22.2 33.4
279 8.7 3.8 5.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.216 min Scan# 3575
Delta R.T. -0.006 min
Lab File: BP013635.D
Acq: 28 Jan 2023 01:06

Tgt Ion:264 Resp: 1078893
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 22.4 17.4 26.0

