

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
 Data File : BP019641.D
 Acq On : 09 Feb 2024 20:08
 Operator : MA/JU
 Sample : P1365-01DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-5(10-12)DL

Quant Time: Feb 10 00:53:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

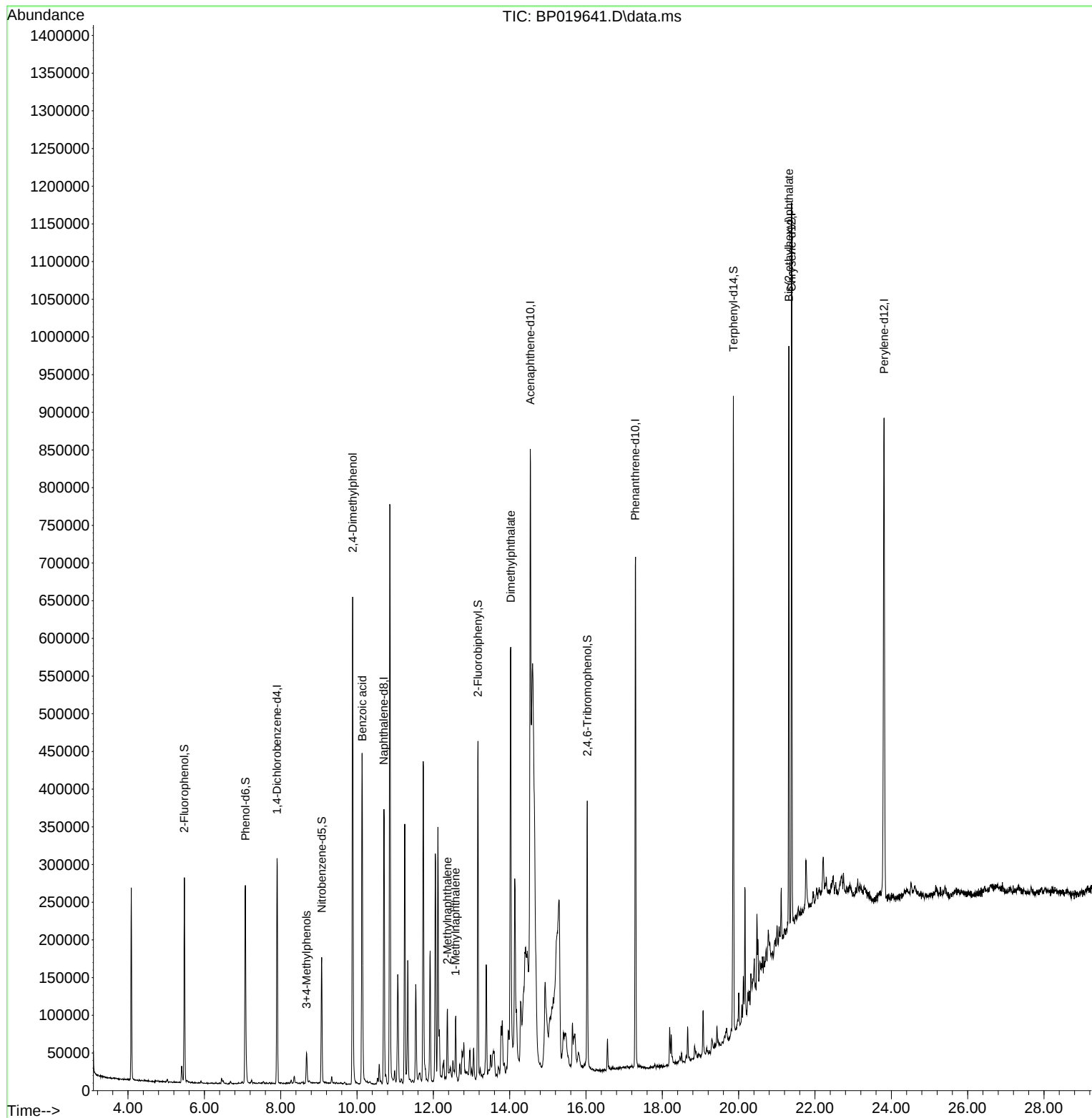
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	82545	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	302629	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	185420	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	432322	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	468275	20.000	ng	0.00
86) Perylene-d12	23.810	264	540356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	112371	21.944	ng	-0.01
7) Phenol-d6	7.075	99	147508	21.363	ng	-0.01
23) Nitrobenzene-d5	9.075	82	100443	14.382	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	70143	25.909	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	223040	14.870	ng	-0.01
79) Terphenyl-d14	19.863	244	417549	14.664	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.675	107	20540	3.248	ng	92
27) 2,4-Dimethylphenol	9.887	122	177520	51.779	ng	98
32) Benzoic acid	10.140	122	63185	18.916	ng	# 33
37) 2-Methylnaphthalene	12.369	142	41909	3.649	ng	97
38) 1-Methylnaphthalene	12.581	142	29357m	2.601	ng	
50) Dimethylphthalate	14.028	163	149599	10.539	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.316	149	273127	14.533	ng	99

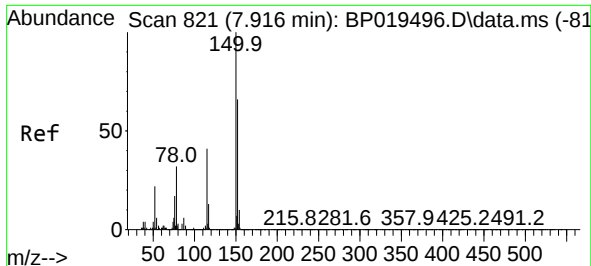
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
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B-5(10-12)DL

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

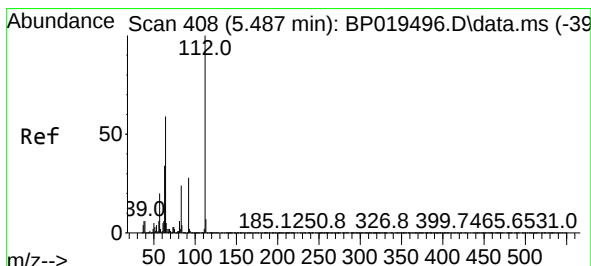
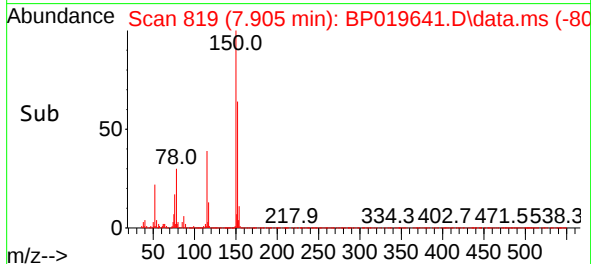
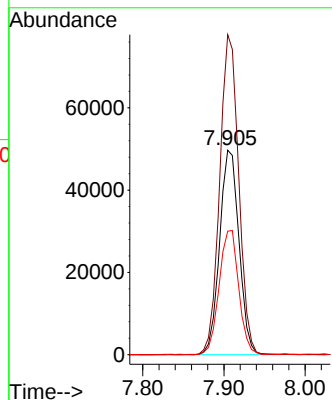
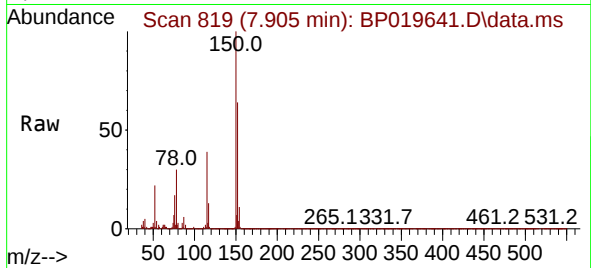




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019641.D
Acq: 09 Feb 2024 20:08

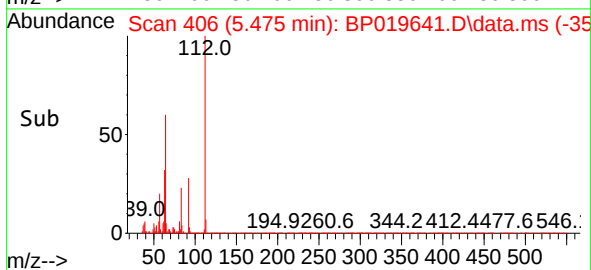
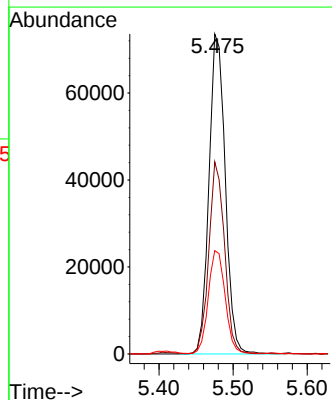
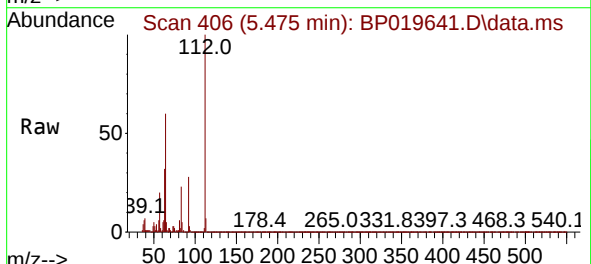
Instrument :
BNA_P
ClientSampleId :
B-5(10-12)DL

Tgt Ion:152 Resp: 82545
Ion Ratio Lower Upper
152 100
150 156.5 121.8 182.8
115 60.4 49.9 74.9



#5
2-Fluorophenol
Concen: 21.944 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019641.D
Acq: 09 Feb 2024 20:08

Tgt Ion:112 Resp: 112371
Ion Ratio Lower Upper
112 100
64 60.0 47.4 71.0
63 32.3 27.0 40.6

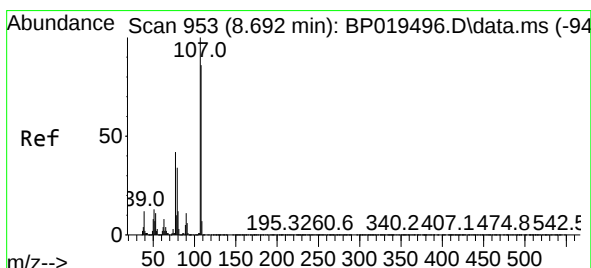
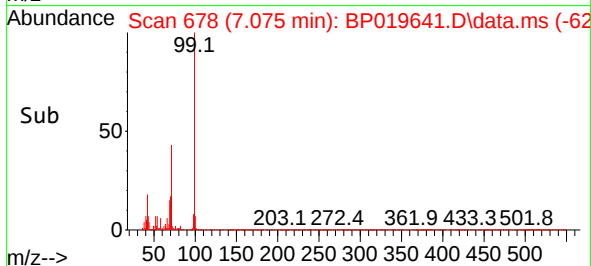
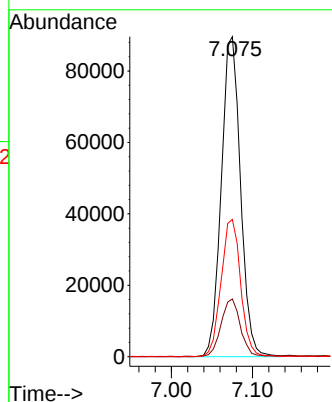
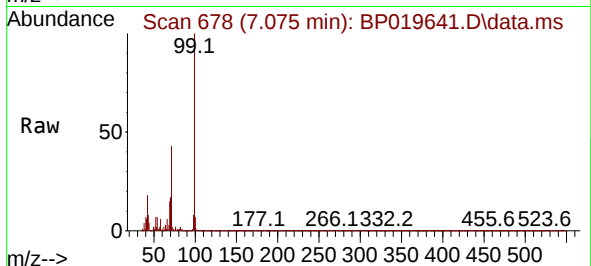




#7
Phenol-d6
Concen: 21.363 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019641.D
Acq: 09 Feb 2024 20:08

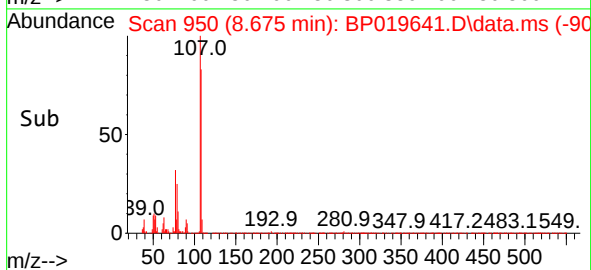
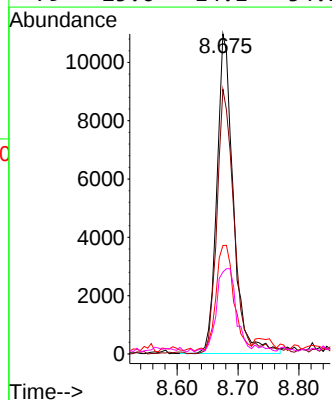
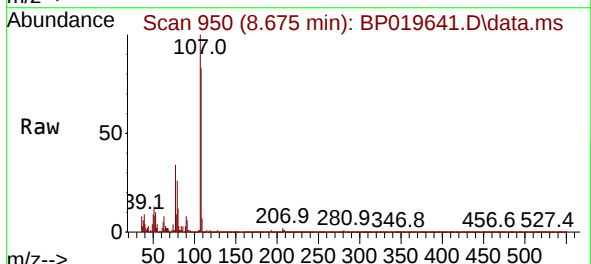
Instrument :
BNA_P
ClientSampleId :
B-5(10-12)DL

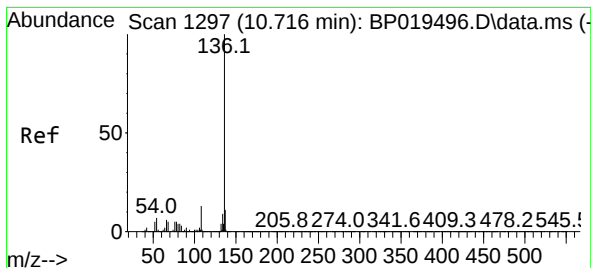
Tgt Ion: 99 Resp: 147508
Ion Ratio Lower Upper
99 100
42 18.1 14.7 22.1
71 42.9 34.8 52.2



#20
3+4-Methylphenols
Concen: 3.248 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.017 min
Lab File: BP019641.D
Acq: 09 Feb 2024 20:08

Tgt Ion: 107 Resp: 20540
Ion Ratio Lower Upper
107 100
108 82.7 65.5 105.5
77 33.9 21.8 61.8
79 25.6 14.1 54.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.704 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019641.D

Acq: 09 Feb 2024 20:08

Instrument :

BNA_P

ClientSampleId :

B-5(10-12)DL

Tgt Ion:136 Resp: 302629

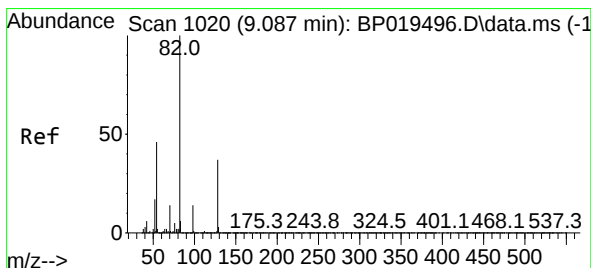
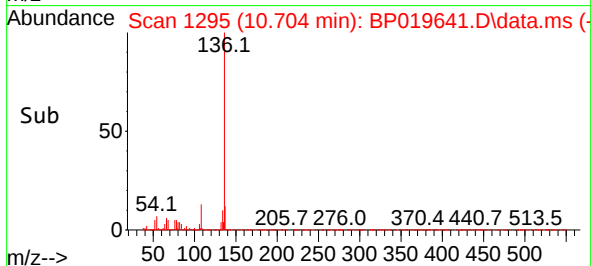
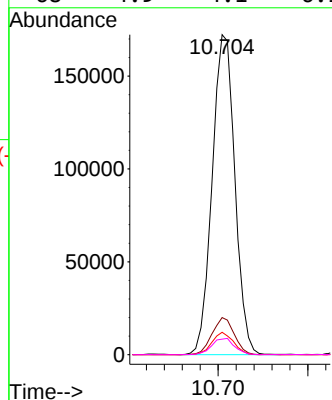
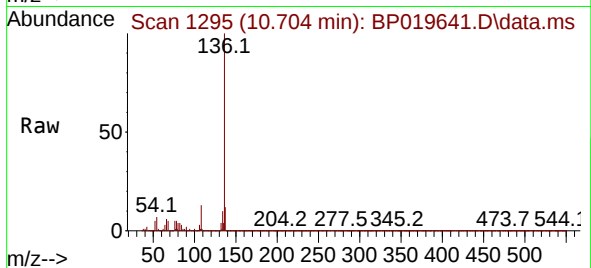
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 7.0 5.3 7.9

68 4.9 4.1 6.1



#23

Nitrobenzene-d5

Concen: 14.382 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019641.D

Acq: 09 Feb 2024 20:08

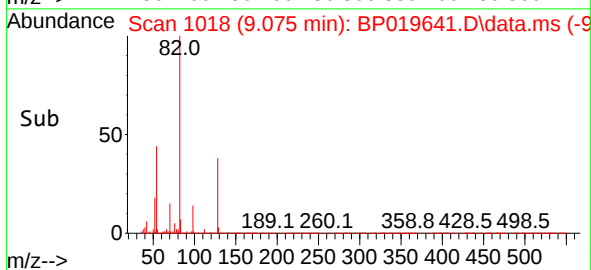
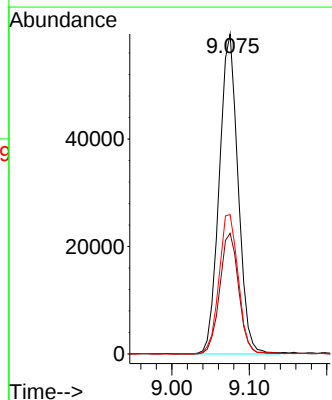
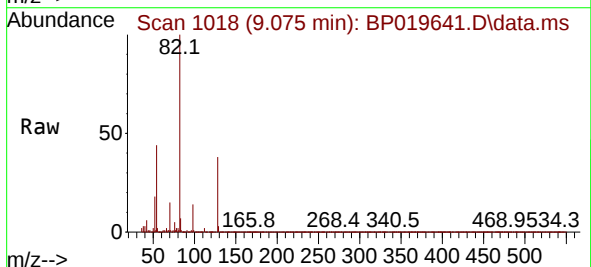
Tgt Ion: 82 Resp: 100443

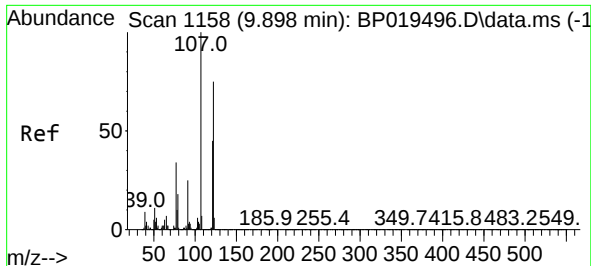
Ion Ratio Lower Upper

82 100

128 37.7 29.7 44.5

54 43.6 36.8 55.2

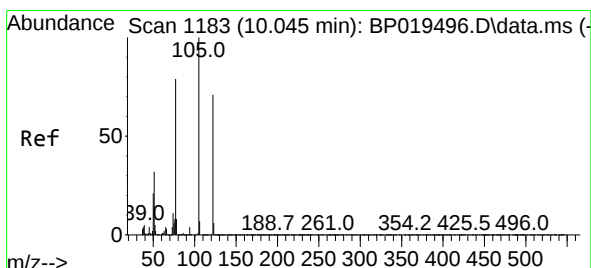
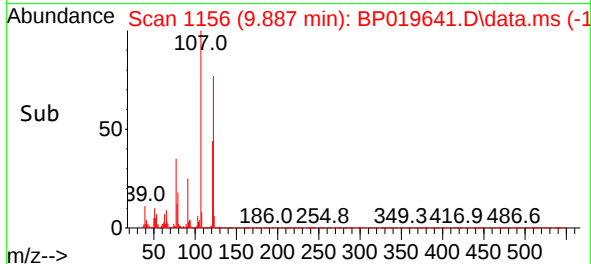
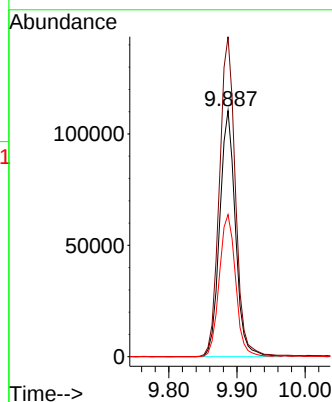
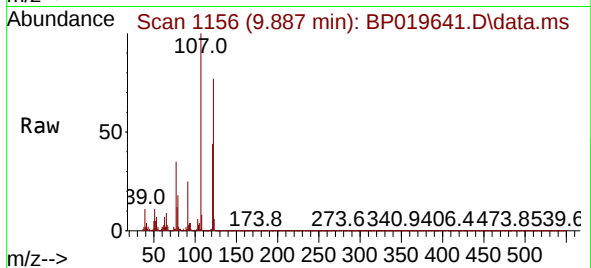




#27
2,4-Dimethylphenol
Concen: 51.779 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BP019641.D
Acq: 09 Feb 2024 20:08

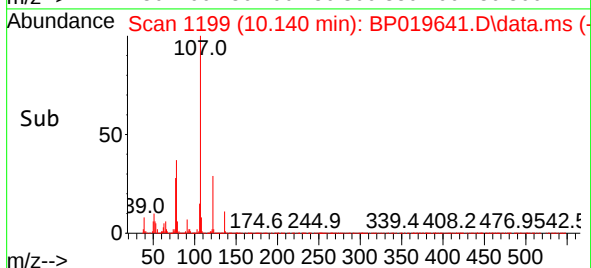
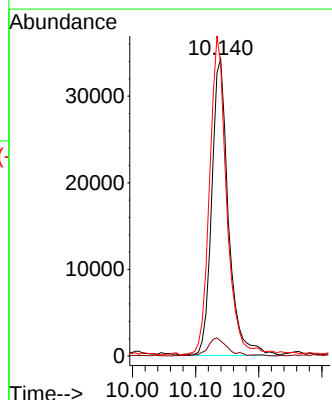
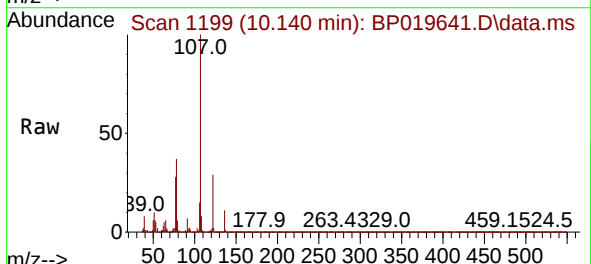
Instrument :
BNA_P
ClientSampleId :
B-5(10-12)DL

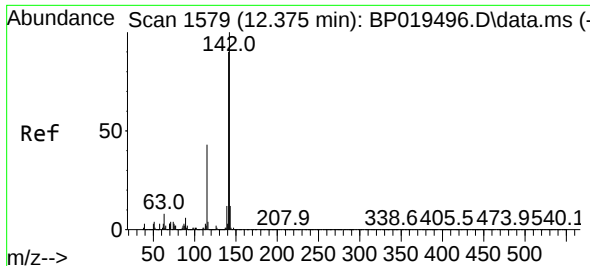
Tgt Ion:122 Resp: 177520
Ion Ratio Lower Upper
122 100
107 130.1 105.9 158.9
121 57.7 47.5 71.3



#32
Benzoic acid
Concen: 18.916 ng
RT: 10.140 min Scan# 1199
Delta R.T. 0.094 min
Lab File: BP019641.D
Acq: 09 Feb 2024 20:08

Tgt Ion:122 Resp: 63185
Ion Ratio Lower Upper
122 100
105 5.0 118.8 158.8#
77 98.1 91.7 131.7

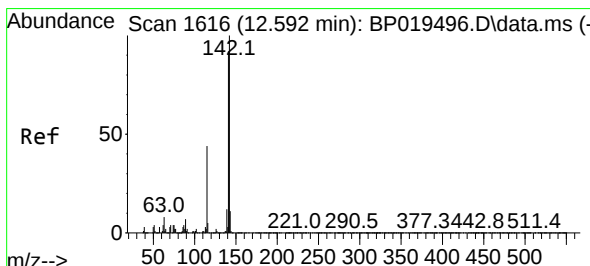
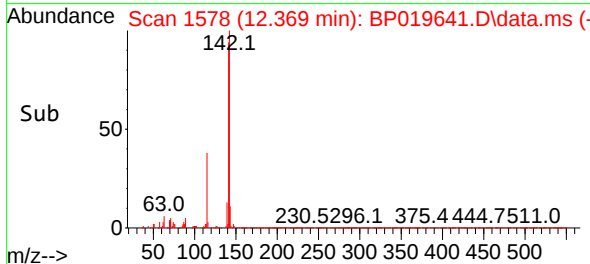
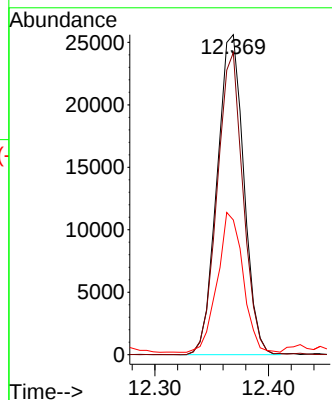
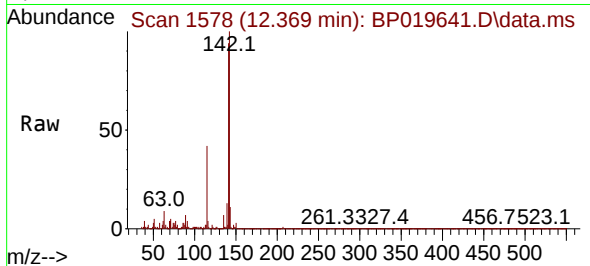




#37
2-Methylnaphthalene
Concen: 3.649 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019641.D
Acq: 09 Feb 2024 20:08

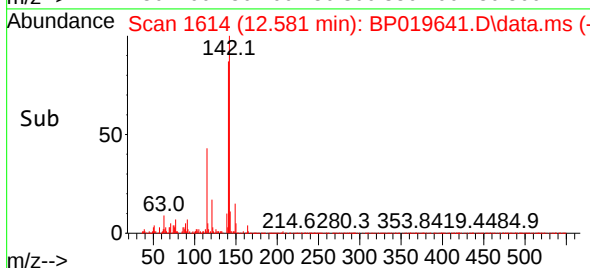
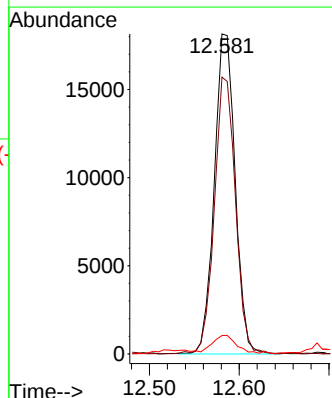
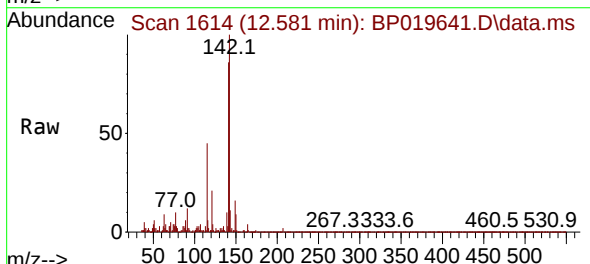
Instrument :
BNA_P
ClientSampleId :
B-5(10-12)DL

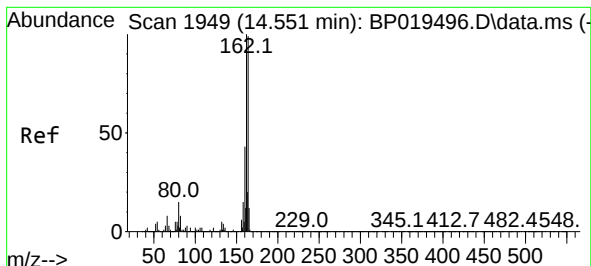
Tgt Ion:142 Resp: 41909
Ion Ratio Lower Upper
142 100
141 94.4 72.2 108.4
115 42.1 34.2 51.2



#38
1-Methylnaphthalene
Concen: 2.601 ng m
RT: 12.581 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BP019641.D
Acq: 09 Feb 2024 20:08

Tgt Ion:142 Resp: 29357
Ion Ratio Lower Upper
142 100
141 86.5 74.0 111.0
116 5.7 3.7 5.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BP019641.D

Acq: 09 Feb 2024 20:08

Instrument :

BNA_P

ClientSampleId :

B-5(10-12)DL

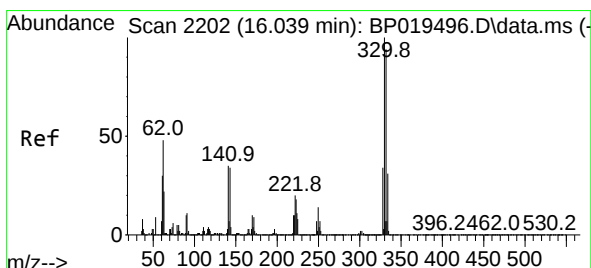
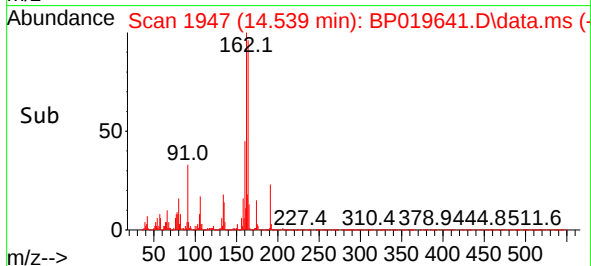
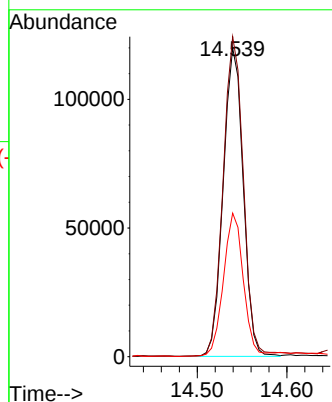
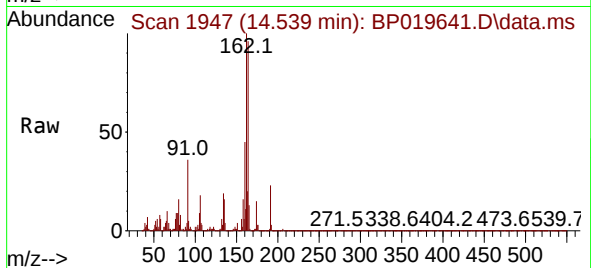
Tgt Ion:164 Resp: 185420

Ion Ratio Lower Upper

164 100

162 103.7 81.2 121.8

160 46.5 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 25.909 ng

RT: 16.034 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BP019641.D

Acq: 09 Feb 2024 20:08

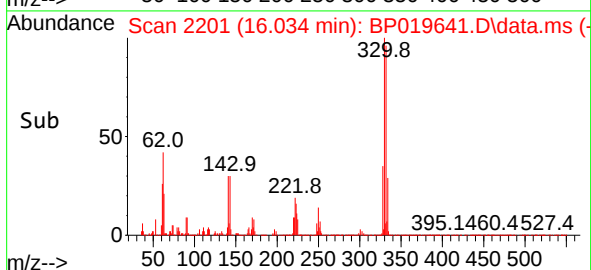
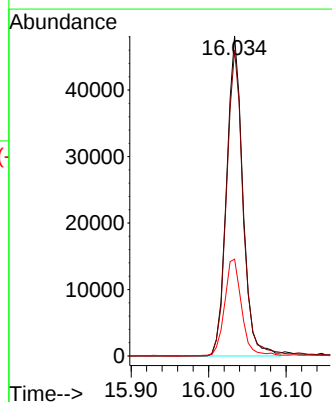
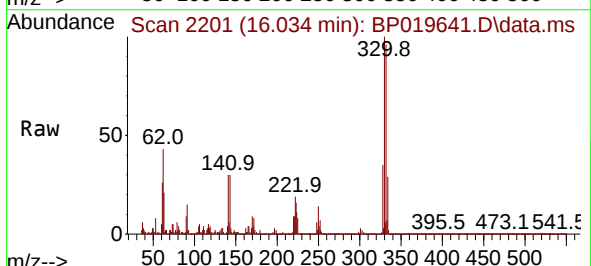
Tgt Ion:330 Resp: 70143

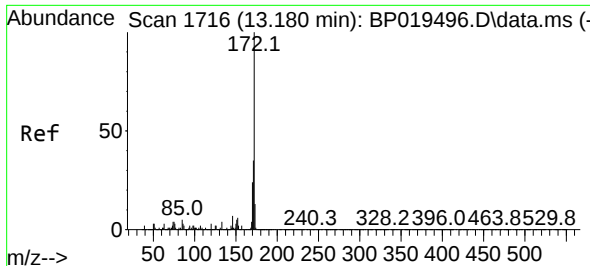
Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

141 32.1 27.0 40.4

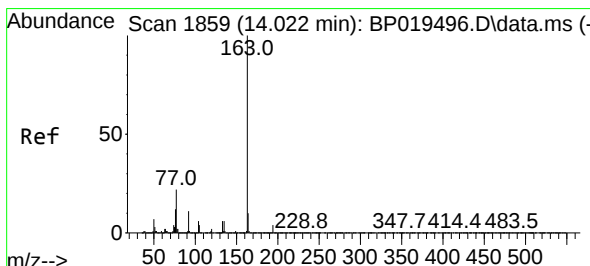
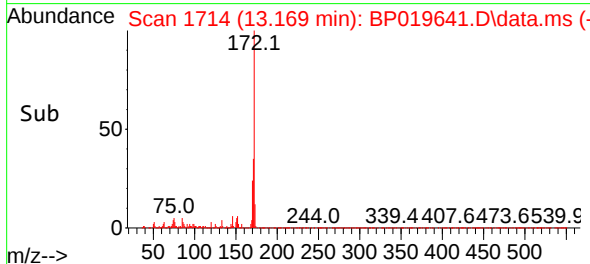
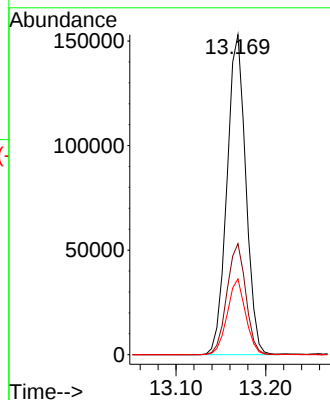
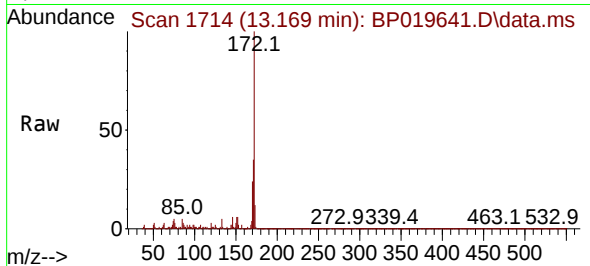




#45
2-Fluorobiphenyl
Concen: 14.870 ng
RT: 13.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019641.D
Acq: 09 Feb 2024 20:08

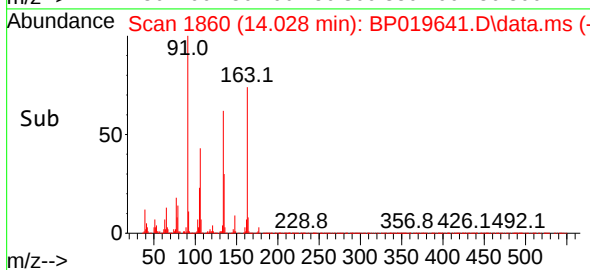
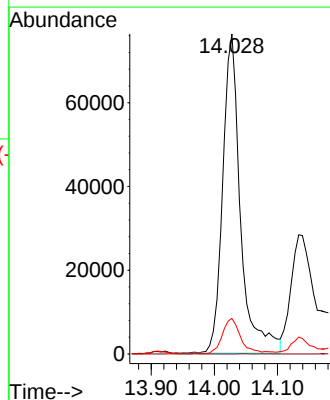
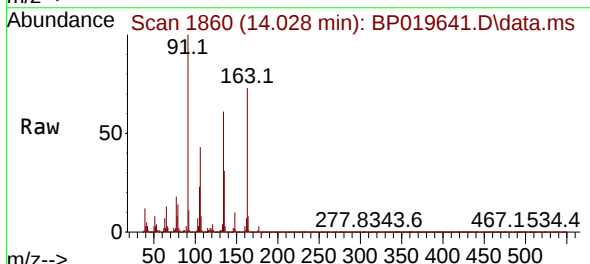
Instrument :
BNA_P
ClientSampleId :
B-5(10-12)DL

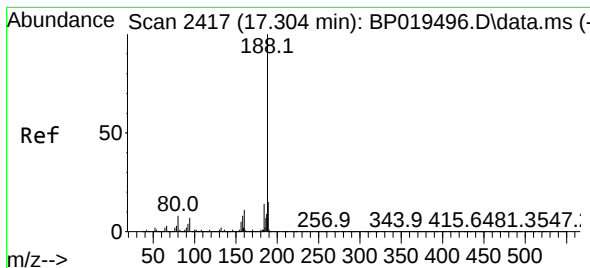
Tgt Ion:172 Resp: 223040
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.7 18.9 28.3



#50
Dimethylphthalate
Concen: 10.539 ng
RT: 14.028 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BP019641.D
Acq: 09 Feb 2024 20:08

Tgt Ion:163 Resp: 149599
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 11.1 7.8 11.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP019641.D

Acq: 09 Feb 2024 20:08

Instrument :

BNA_P

ClientSampleId :

B-5(10-12)DL

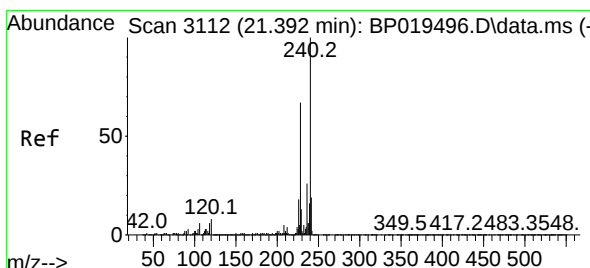
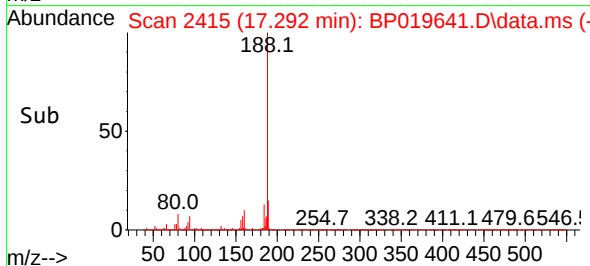
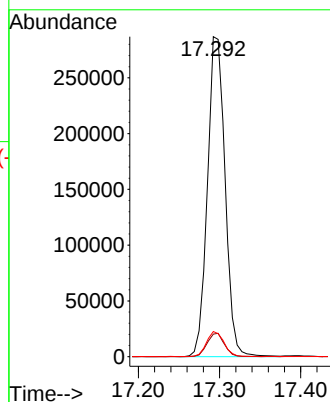
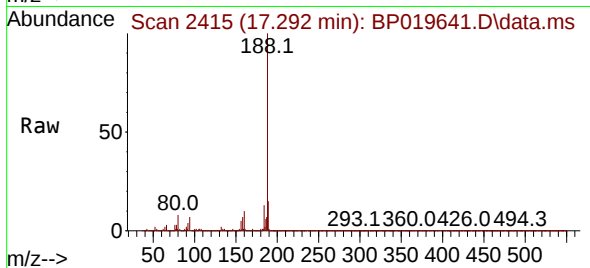
Tgt Ion:188 Resp: 432322

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 7.8 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019641.D

Acq: 09 Feb 2024 20:08

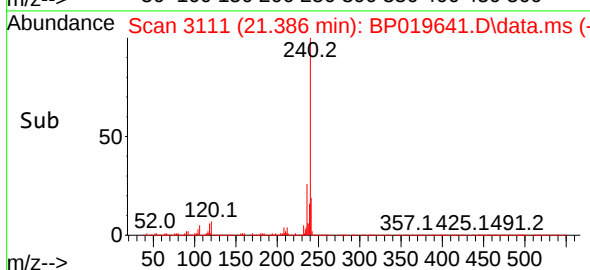
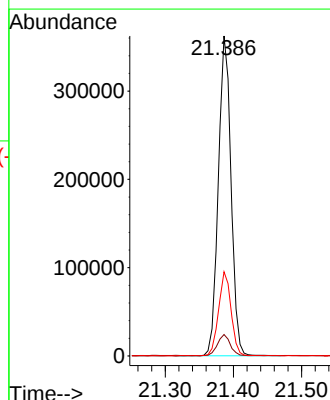
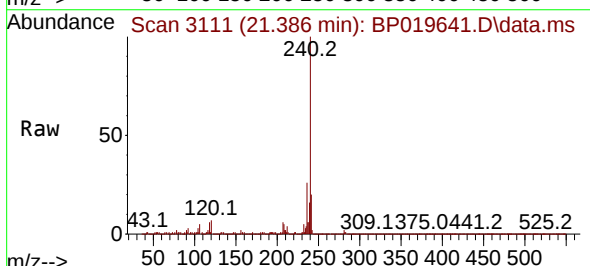
Tgt Ion:240 Resp: 468275

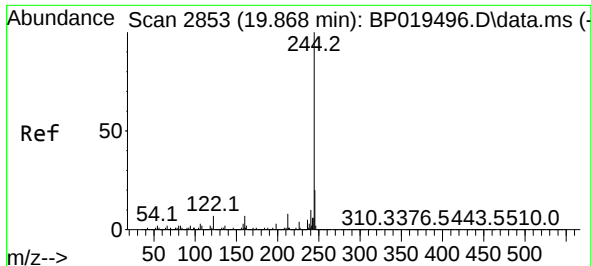
Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

236 26.3 20.7 31.1





#79

Terphenyl-d14

Concen: 14.664 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019641.D

Acq: 09 Feb 2024 20:08

Instrument :

BNA_P

ClientSampleId :

B-5(10-12)DL

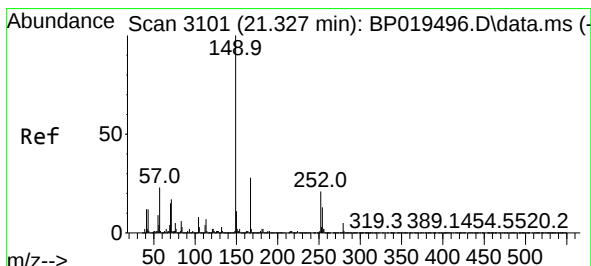
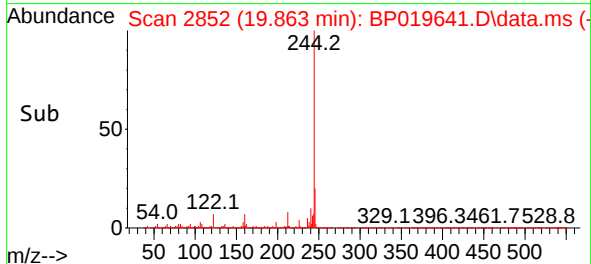
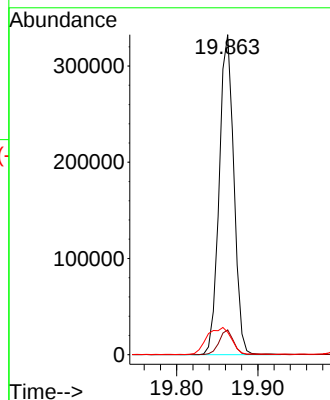
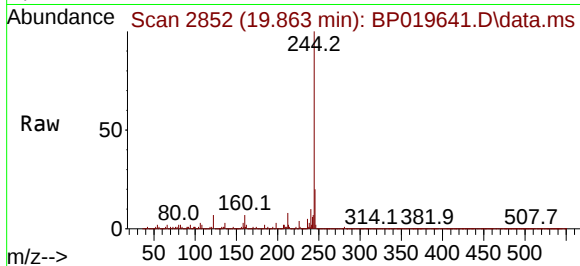
Tgt Ion:244 Resp: 417549

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 7.0 5.9 8.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.533 ng

RT: 21.316 min Scan# 3099

Delta R.T. -0.012 min

Lab File: BP019641.D

Acq: 09 Feb 2024 20:08

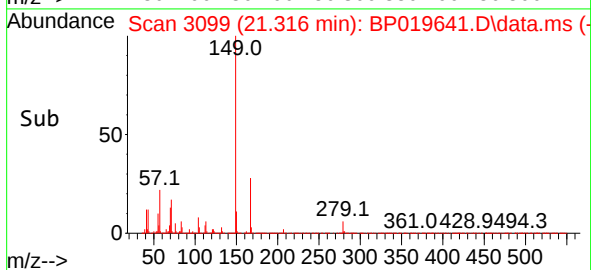
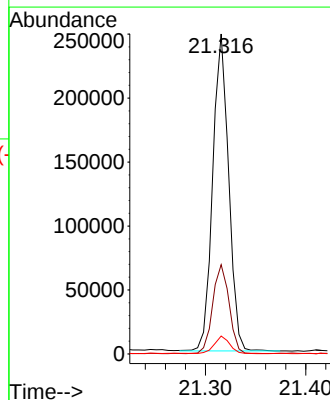
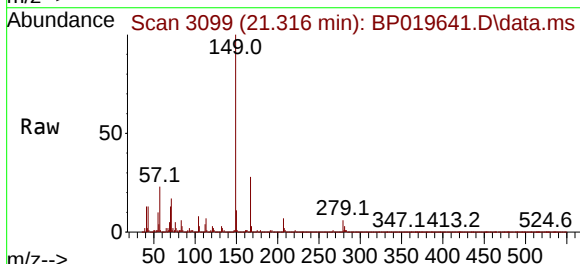
Tgt Ion:149 Resp: 273127

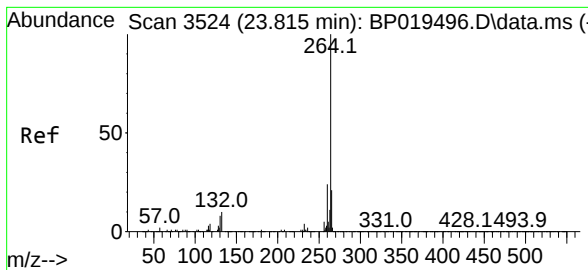
Ion Ratio Lower Upper

149 100

167 27.9 22.7 34.1

279 5.6 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.810 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP019641.D
 Acq: 09 Feb 2024 20:08

Instrument :
 BNA_P
 ClientSampleId :
 B-5(10-12)DL

Tgt Ion:264	Resp:	540356
Ion	Ratio	Lower Upper
264	100	
260	22.9	19.2 28.8
265	21.2	17.0 25.4

