

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011735.D
 Acq On : 19 Sep 2022 14:56
 Operator : CG/JU
 Sample : PB147234BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147234BL

Quant Time: Sep 20 04:39:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 19:12:50 2022
 Response via : Initial Calibration

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

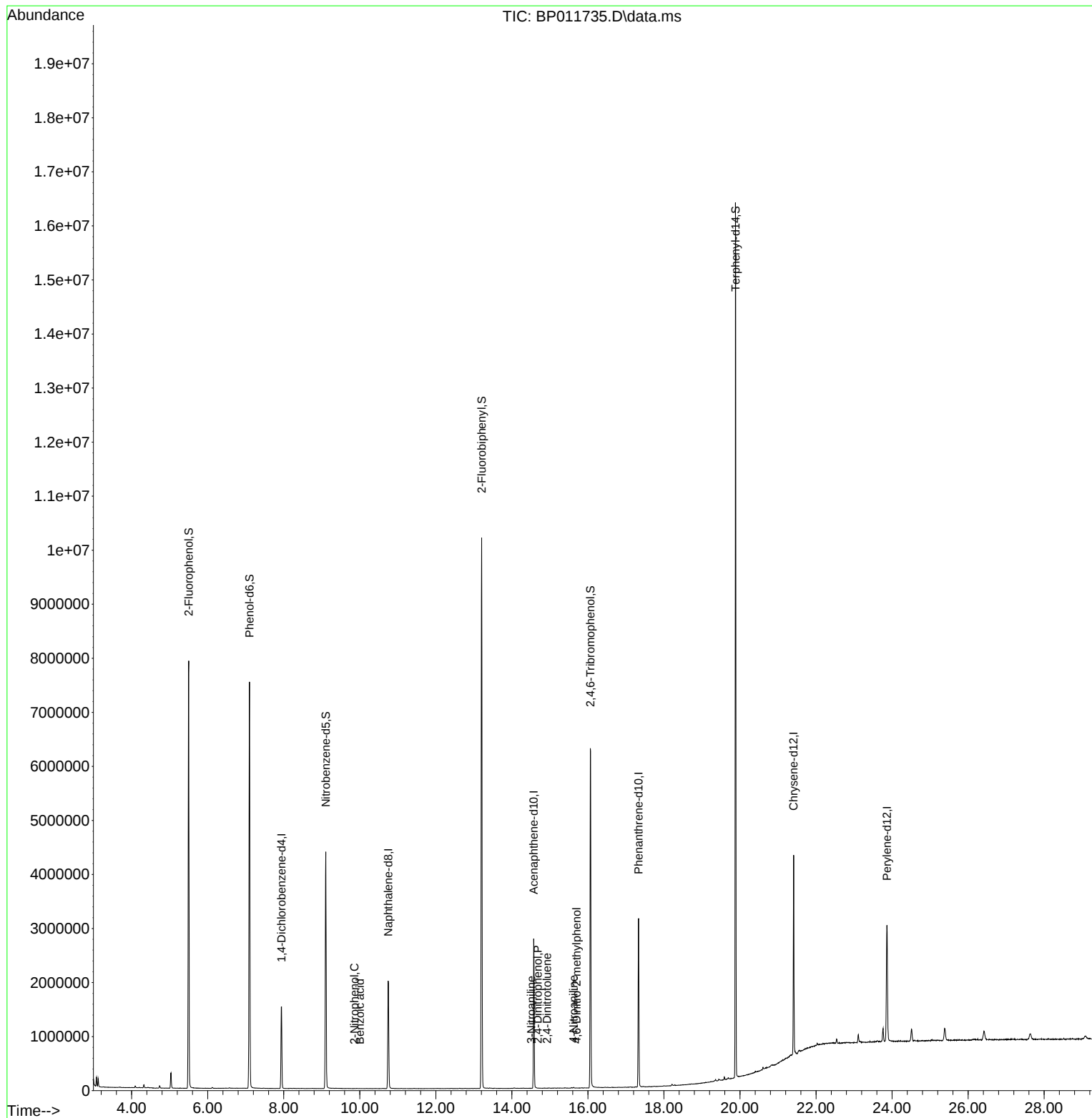
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	420825	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1713343	20.000	ng	-0.01
39) Acenaphthene-d10	14.575	164	926056	20.000	ng	-0.01
64) Phenanthrene-d10	17.334	188	1796578	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	1553116	20.000	ng	# 0.00
86) Perylene-d12	23.863	264	1464373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	3512339	151.920	ng	0.00
7) Phenol-d6	7.099	99	4391501	142.495	ng	0.00
23) Nitrobenzene-d5	9.105	82	2467501	85.412	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	902935	124.790	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	5165383	86.704	ng	0.00
79) Terphenyl-d14	19.880	244	7020111	98.291	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.857	139	95	3.572	ng	# 61
32) Benzoic acid	10.005	122	72	6.639	ng	# 1
53) 3-Nitroaniline	14.510	138	204	2.397	ng	# 1
54) 2,4-Dinitrophenol	14.681	184	6	6.581	ng	# 1
57) 2,4-Dinitrotoluene	14.928	165	576	3.017	ng	# 81
62) 4-Nitroaniline	15.622	138	13	2.729	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.704	198	141	5.866	ng	# 1

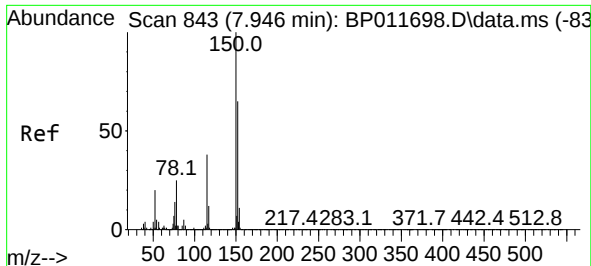
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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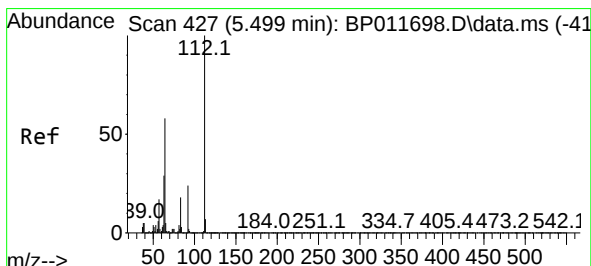
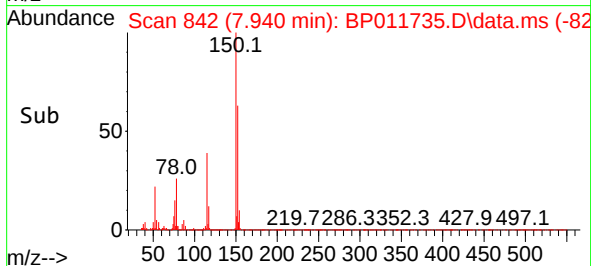
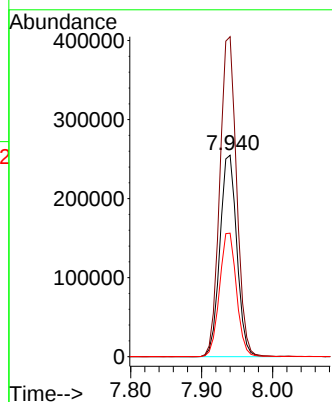
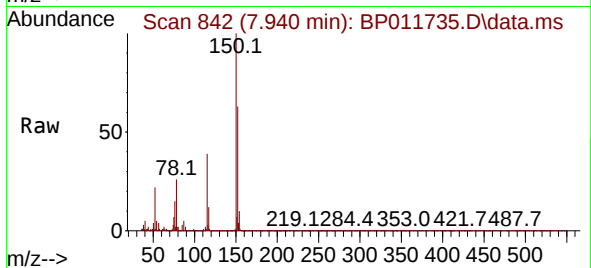




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 843
Delta R.T. -0.006 min
Lab File: BP011735.D
Acq: 19 Sep 2022 14:56

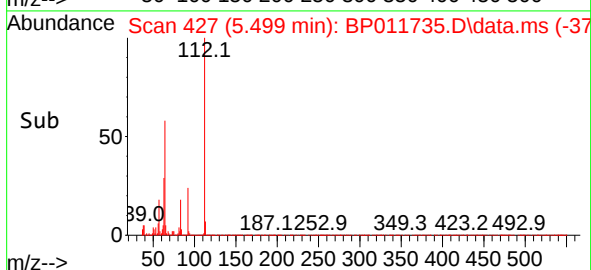
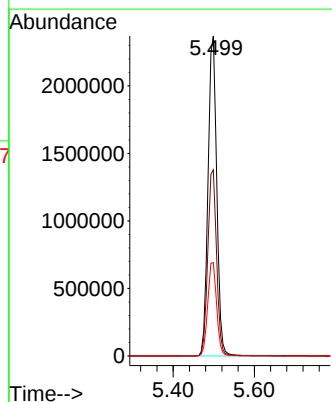
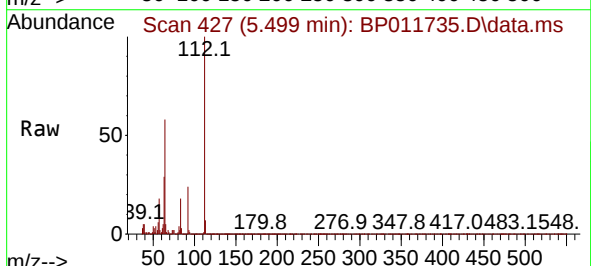
Instrument :
BNA_P
ClientSampleId :
PB147234BL

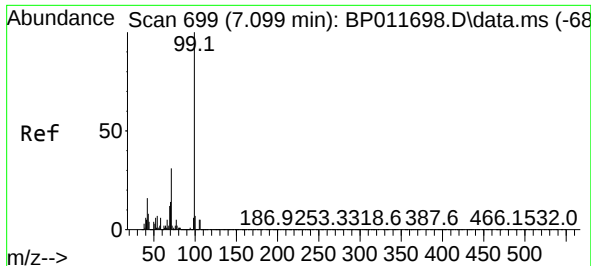
Tgt Ion:152 Resp: 420825
Ion Ratio Lower Upper
152 100
150 158.8 123.4 185.2
115 61.3 51.3 76.9



#5
2-Fluorophenol
Concen: 151.920 ng
RT: 5.499 min Scan# 427
Delta R.T. 0.000 min
Lab File: BP011735.D
Acq: 19 Sep 2022 14:56

Tgt Ion:112 Resp: 3512339
Ion Ratio Lower Upper
112 100
64 58.2 56.9 85.3
63 29.1 31.2 46.8#

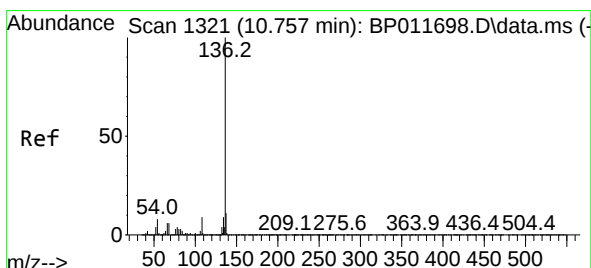
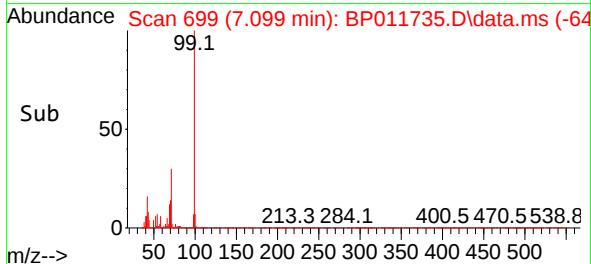
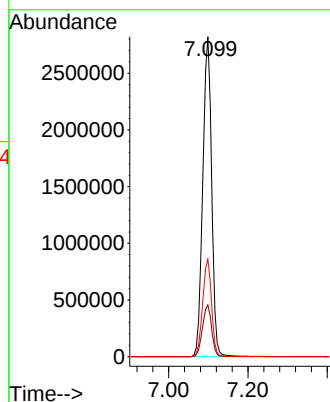
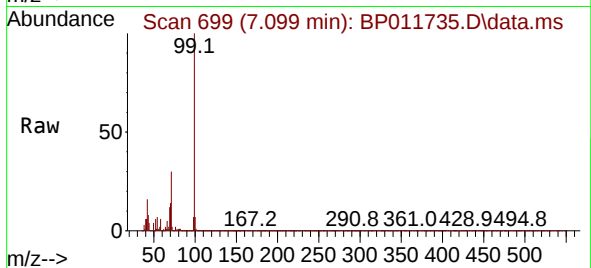




#7
Phenol-d6
Concen: 142.495 ng
RT: 7.099 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP011735.D
Acq: 19 Sep 2022 14:56

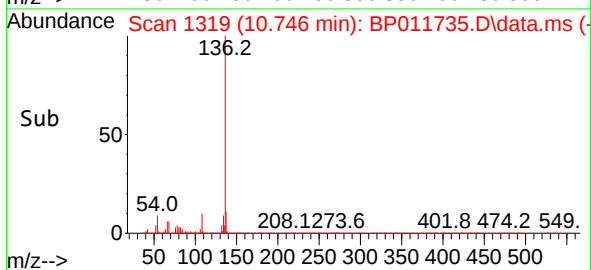
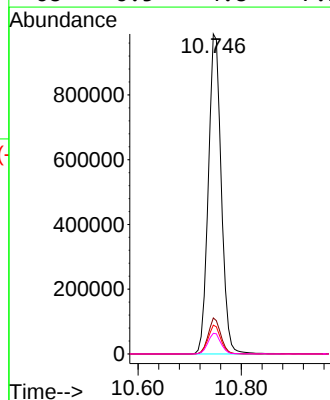
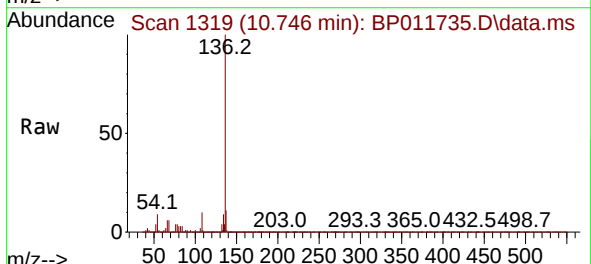
Instrument :
BNA_P
ClientSampleId :
PB147234BL

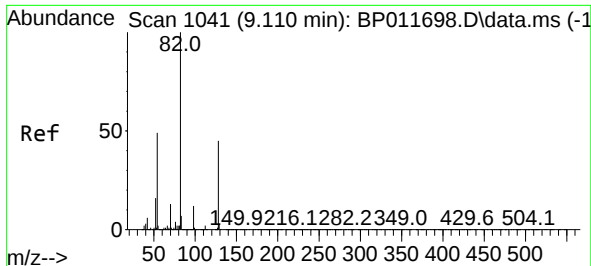
Tgt Ion: 99 Resp: 4391501
Ion Ratio Lower Upper
99 100
42 16.2 20.3 30.5#
71 30.4 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BP011735.D
Acq: 19 Sep 2022 14:56

Tgt Ion: 136 Resp: 1713343
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.0 8.7 13.1
68 6.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 85.412 ng

RT: 9.105 min Scan# 110

Delta R.T. -0.006 min

Lab File: BP011735.D

Acq: 19 Sep 2022 14:56

Instrument :

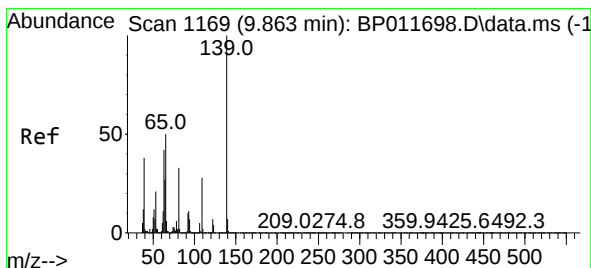
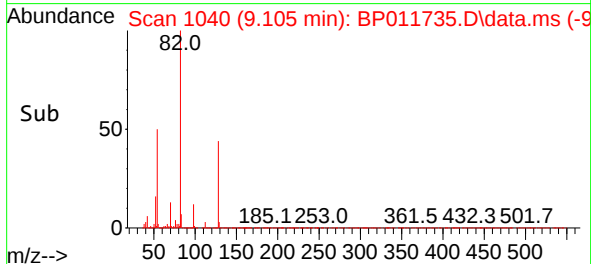
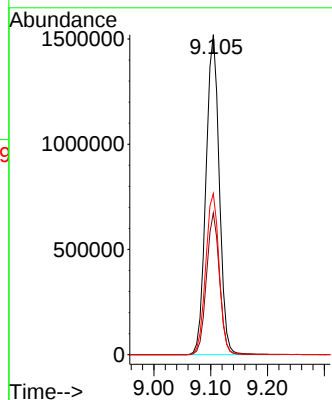
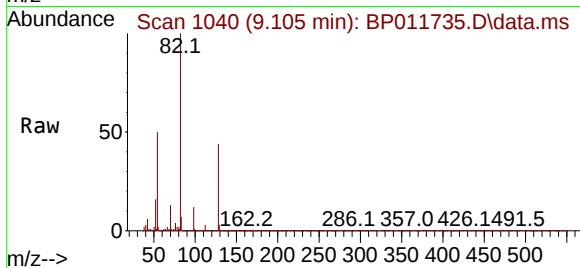
BNA_P

ClientSampleId :

PB147234BL

Tgt Ion: 82 Resp: 2467501

Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.3	46.9
54	50.3	49.8	74.8



#26

2-Nitrophenol

Concen: 3.572 ng

RT: 9.857 min Scan# 1168

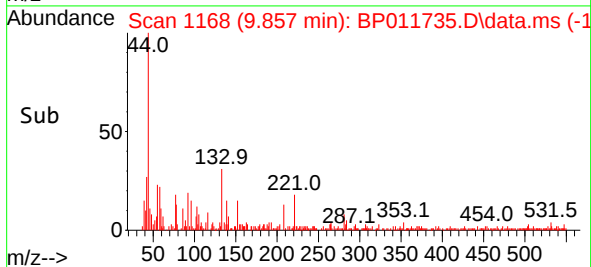
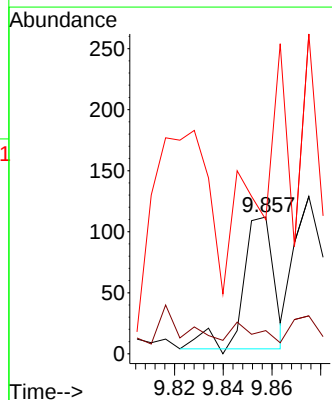
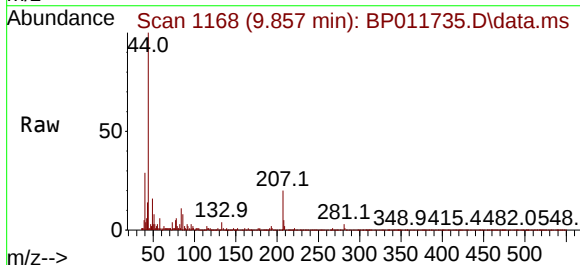
Delta R.T. -0.006 min

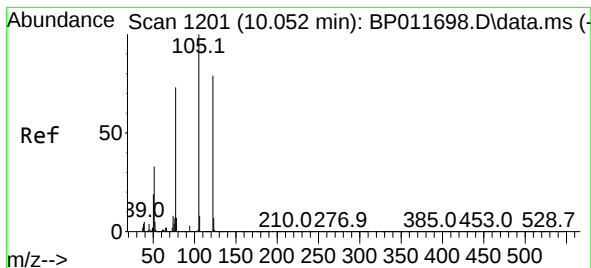
Lab File: BP011735.D

Acq: 19 Sep 2022 14:56

Tgt Ion:139 Resp: 95

Ion	Ratio	Lower	Upper
139	100		
109	17.0	30.2	45.4#
65	98.2	52.2	78.2#





#32

Benzoic acid

Concen: 6.639 ng

RT: 10.005 min Scan# 1193

Delta R.T. -0.047 min

Lab File: BP011735.D

Acq: 19 Sep 2022 14:56

Instrument :

BNA_P

ClientSampleId :

PB147234BL

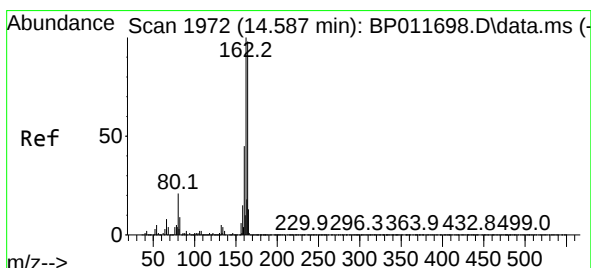
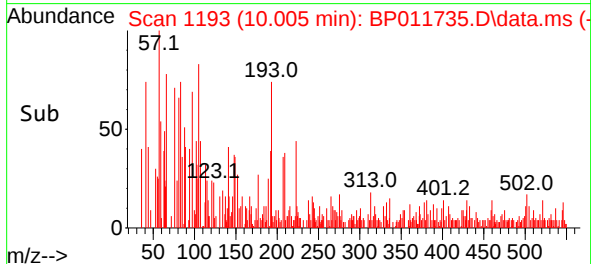
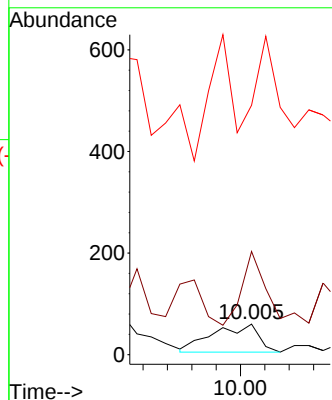
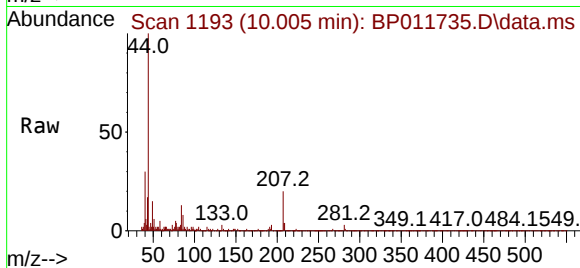
Tgt Ion:122 Resp: 72

Ion Ratio Lower Upper

122 100

105 338.3 112.6 152.6#

77 818.3 90.2 130.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1970

Delta R.T. -0.012 min

Lab File: BP011735.D

Acq: 19 Sep 2022 14:56

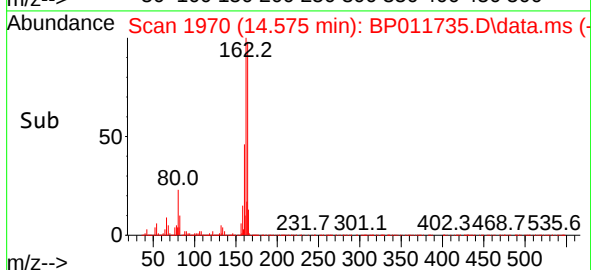
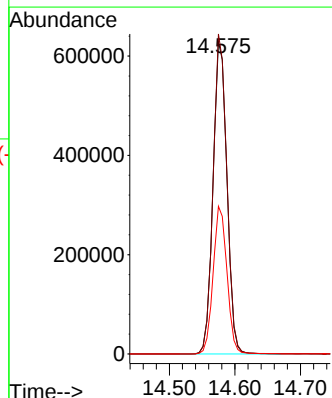
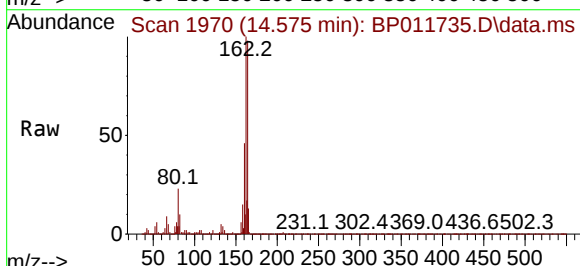
Tgt Ion:164 Resp: 926056

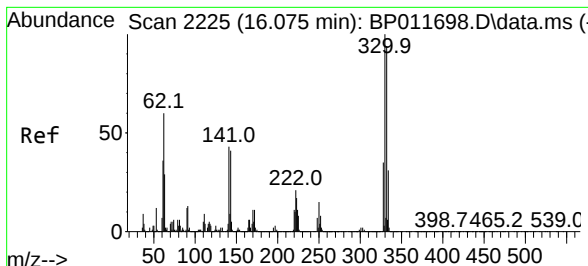
Ion Ratio Lower Upper

164 100

162 102.5 81.9 122.9

160 47.3 34.6 51.8

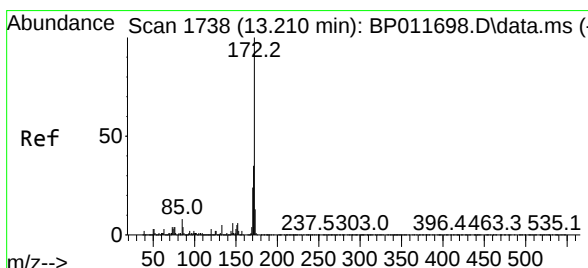
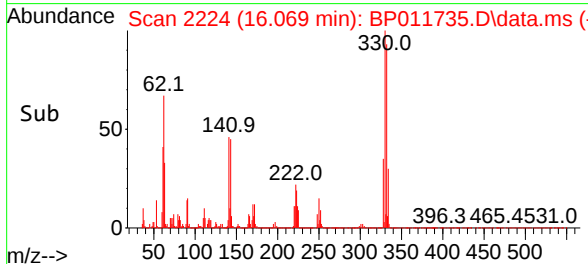
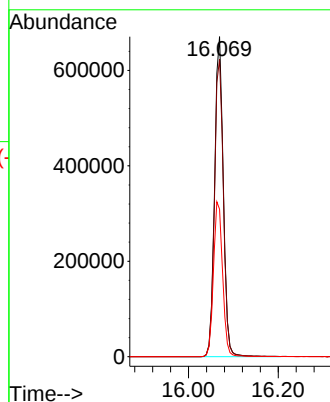
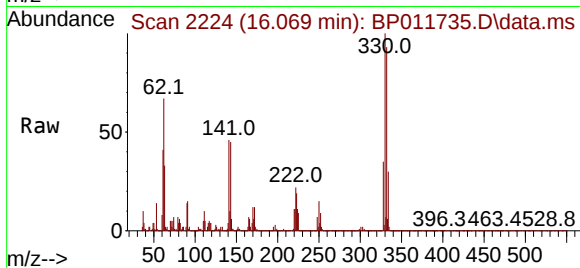




#42
2,4,6-Tribromophenol
Concen: 124.790 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011735.D
Acq: 19 Sep 2022 14:56

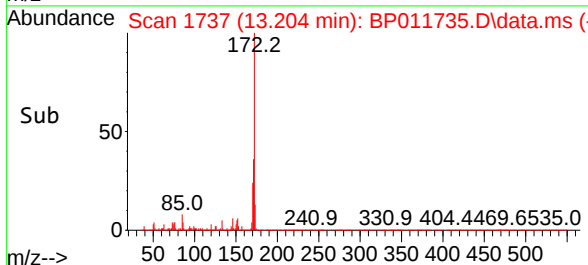
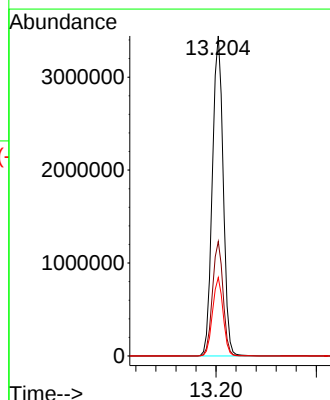
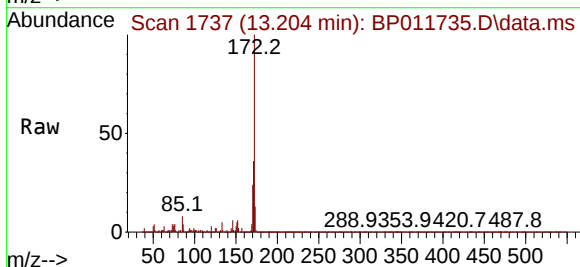
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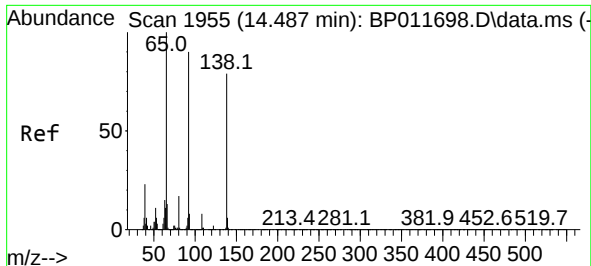
Tgt Ion:330 Resp: 902935
Ion Ratio Lower Upper
330 100
332 95.5 78.1 117.1
141 50.7 31.4 47.2#



#45
2-Fluorobiphenyl
Concen: 86.704 ng
RT: 13.204 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BP011735.D
Acq: 19 Sep 2022 14:56

Tgt Ion:172 Resp: 5165383
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 24.5 18.2 27.2

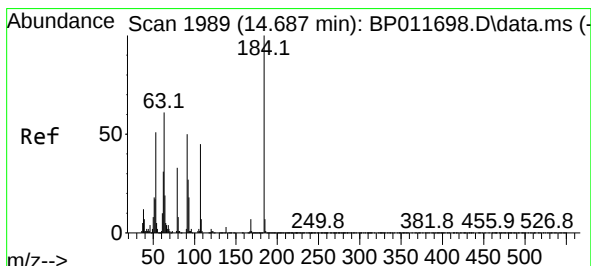
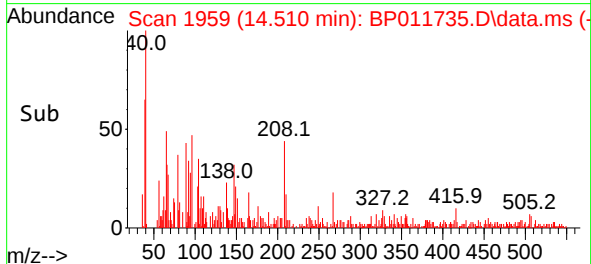
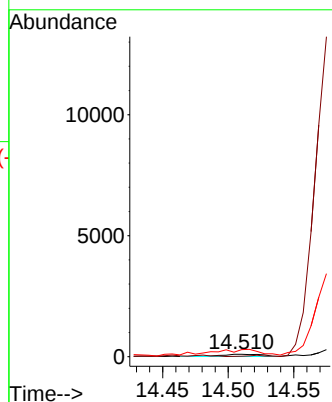
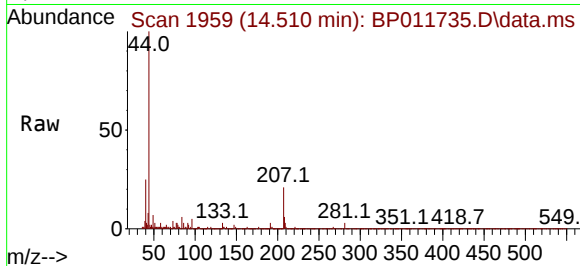




#53
3-Nitroaniline
Concen: 2.397 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.023 min
Lab File: BP011735.D
Acq: 19 Sep 2022 14:56

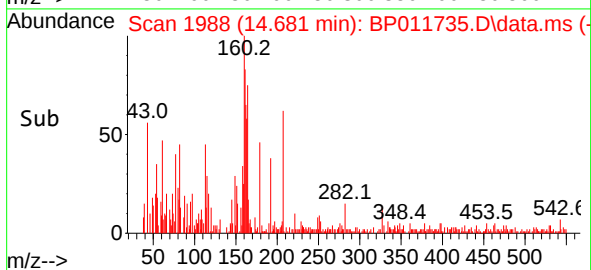
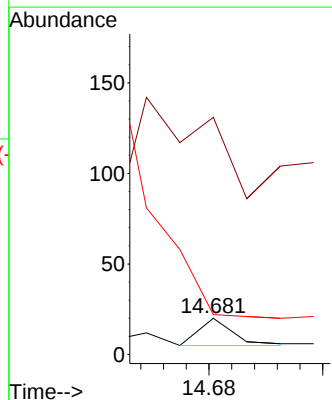
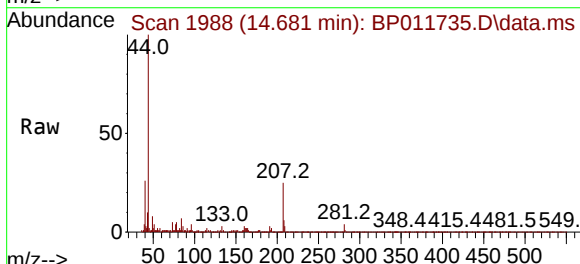
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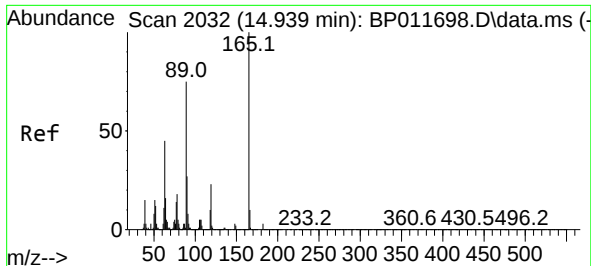
Tgt Ion:138 Resp: 204
Ion Ratio Lower Upper
138 100
108 21.0 9.5 14.3#
92 292.0 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.581 ng
RT: 14.681 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BP011735.D
Acq: 19 Sep 2022 14:56

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 655.0 65.4 98.2#
154 135.0 55.4 83.2#

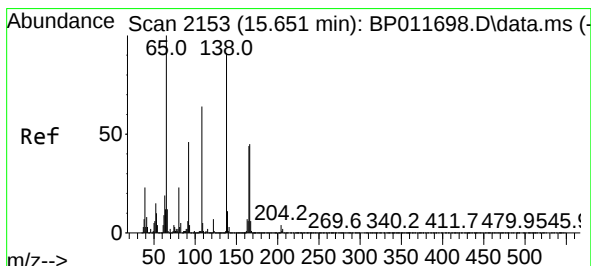
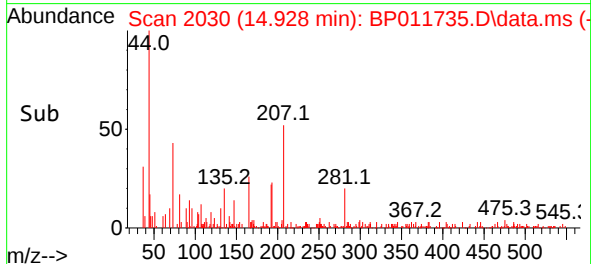
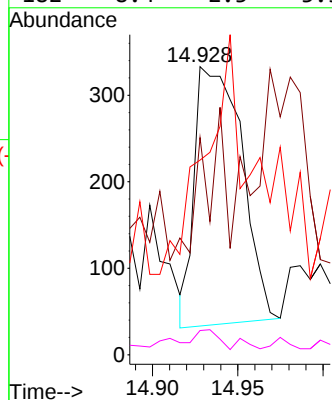
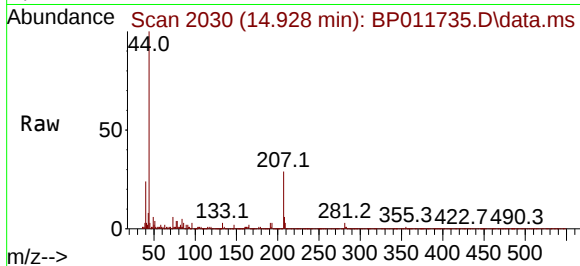




#57
2,4-Dinitrotoluene
Concen: 3.017 ng
RT: 14.928 min Scan# 2032
Delta R.T. -0.011 min
Lab File: BP011735.D
Acq: 19 Sep 2022 14:56

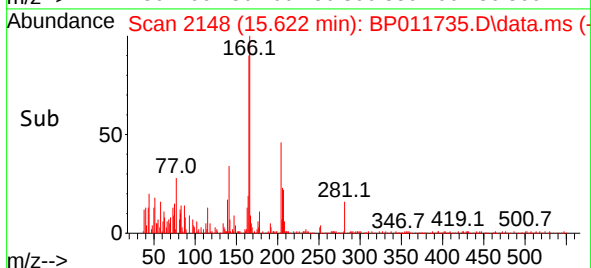
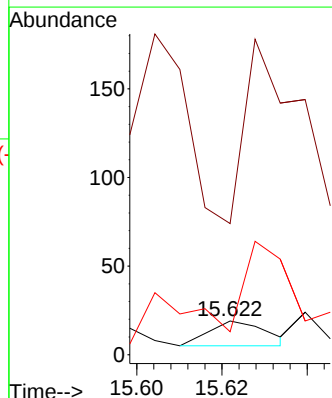
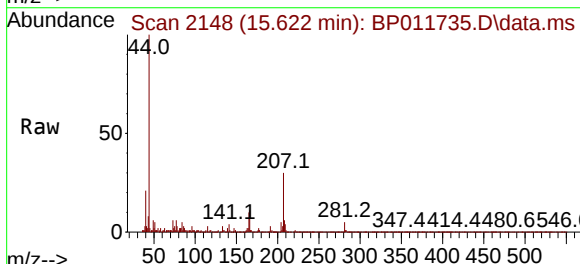
Instrument :
BNA_P
ClientSampleId :
PB147234BL

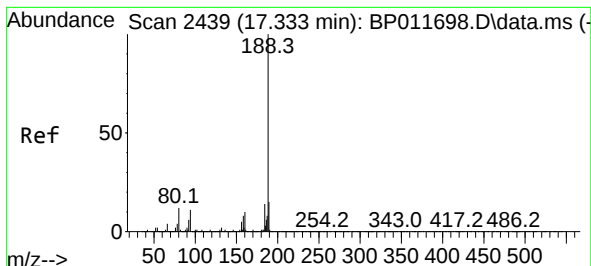
Tgt Ion:165 Resp: 576
Ion Ratio Lower Upper
165 100
63 75.4 46.2 69.2#
89 67.6 65.8 98.8
182 8.4 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.729 ng
RT: 15.622 min Scan# 2148
Delta R.T. -0.029 min
Lab File: BP011735.D
Acq: 19 Sep 2022 14:56

Tgt Ion:138 Resp: 13
Ion Ratio Lower Upper
138 100
92 389.5 38.0 78.0#
108 68.4 77.6 117.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.334 min Scan# 2439

Delta R.T. 0.001 min

Lab File: BP011735.D

Acq: 19 Sep 2022 14:56

Instrument :

BNA_P

ClientSampleId :

PB147234BL

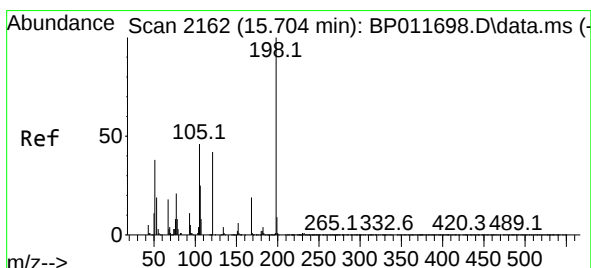
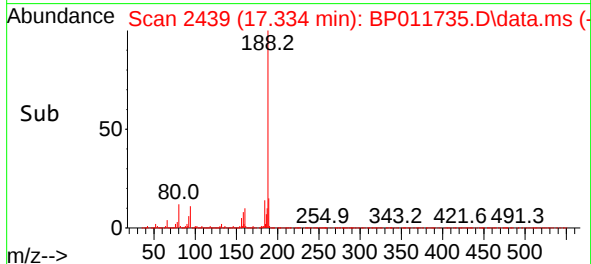
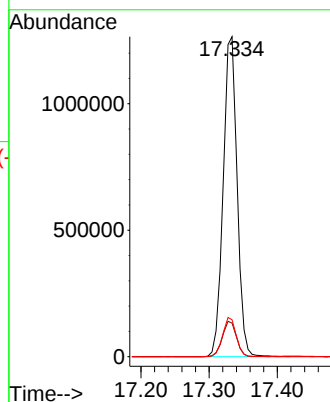
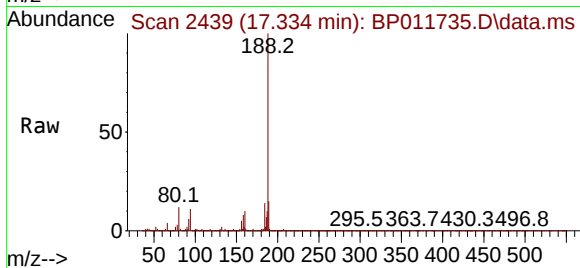
Tgt Ion:188 Resp: 1796578

Ion Ratio Lower Upper

188 100

94 10.5 6.6 10.0#

80 11.6 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.866 ng

RT: 15.704 min Scan# 2162

Delta R.T. 0.000 min

Lab File: BP011735.D

Acq: 19 Sep 2022 14:56

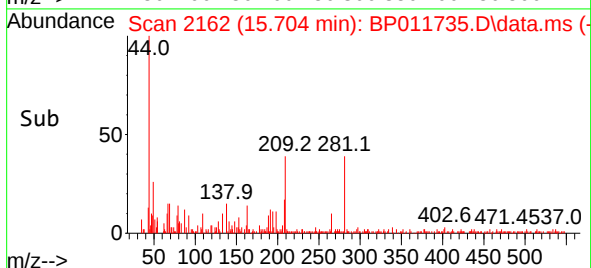
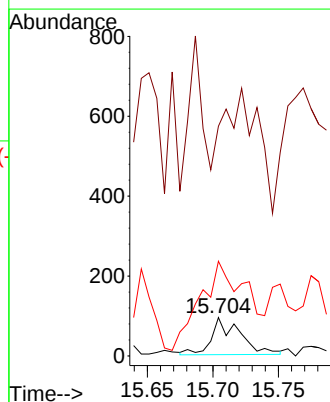
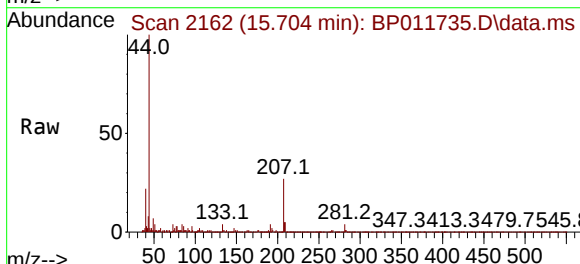
Tgt Ion:198 Resp: 141

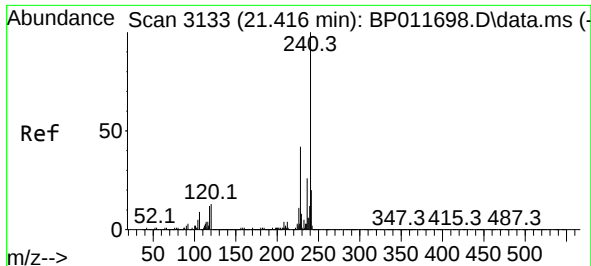
Ion Ratio Lower Upper

198 100

51 599.0 41.2 81.2#

105 246.9 25.3 65.3#

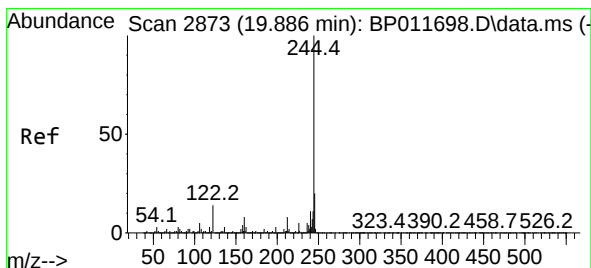
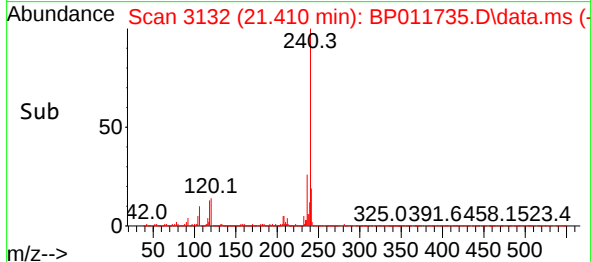
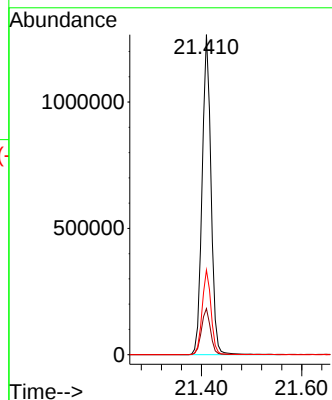
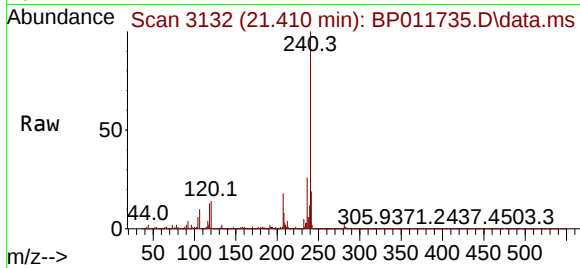




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP011735.D
Acq: 19 Sep 2022 14:56

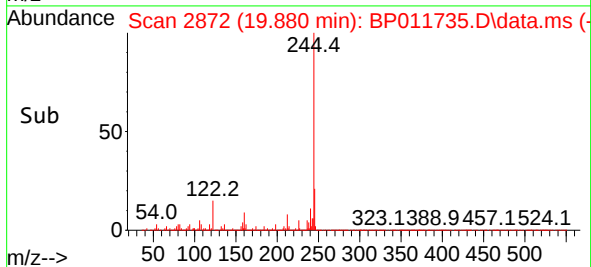
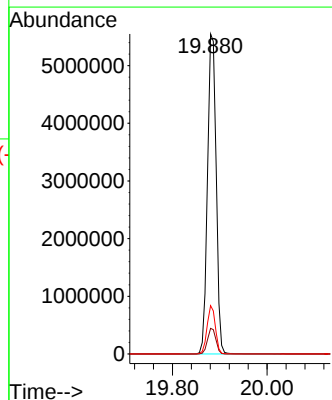
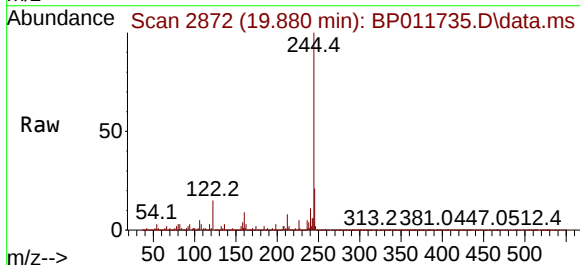
Instrument :
BNA_P
ClientSampleId :
PB147234BL

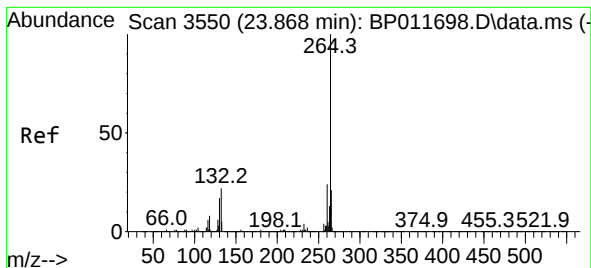
Tgt Ion:240 Resp: 1553116
Ion Ratio Lower Upper
240 100
120 14.4 8.6 12.8#
236 26.4 19.8 29.6



#79
Terphenyl-d14
Concen: 98.291 ng
RT: 19.880 min Scan# 2872
Delta R.T. -0.006 min
Lab File: BP011735.D
Acq: 19 Sep 2022 14:56

Tgt Ion:244 Resp: 7020111
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 15.1 7.6 11.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.863 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP011735.D

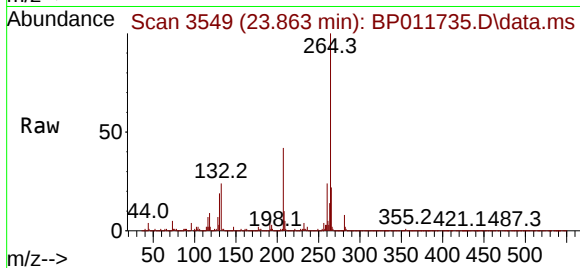
Acq: 19 Sep 2022 14:56

Instrument :

BNA_P

ClientSampleId :

PB147234BL



Tgt Ion:264 Resp: 1464373

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 22.2 18.0 27.0

