

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011749.D
 Acq On : 19 Sep 2022 23:18
 Operator : CG/JU
 Sample : N4686-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5486-1

Quant Time: Sep 20 04:52:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

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

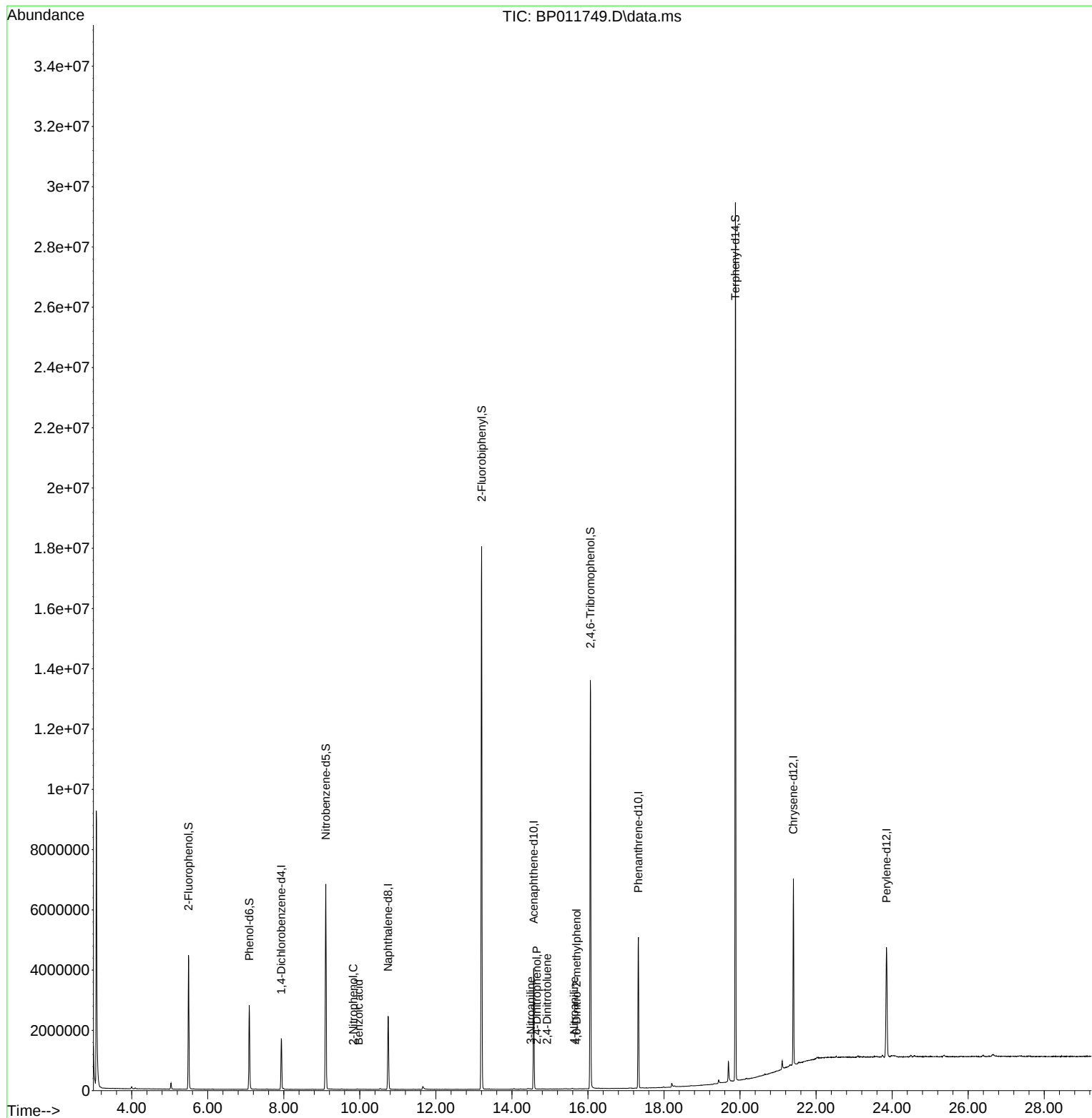
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	478897	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	2107391	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1400939	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	2979801	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	2838549	20.000	ng	# 0.00
86) Perylene-d12	23.851	264	2645489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2064320	78.461	ng	0.00
7) Phenol-d6	7.093	99	1674293	47.739	ng	0.00
23) Nitrobenzene-d5	9.104	82	3972690	111.801	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	2417561	220.861	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	9205737	102.144	ng	0.00
79) Terphenyl-d14	19.874	244	13072192	100.145	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.828	139	31	3.568	ng	# 1
32) Benzoic acid	9.975	122	4540	6.813	ng	89
53) 3-Nitroaniline	14.498	138	93	2.389	ng	# 17
54) 2,4-Dinitrophenol	14.657	184	33	6.583	ng	# 1
57) 2,4-Dinitrotoluene	14.928	165	141	2.993	ng	# 86
62) 4-Nitroaniline	15.639	138	81	2.731	ng	# 37
65) 4,6-Dinitro-2-methylph...	15.704	198	13	5.854	ng	# 1

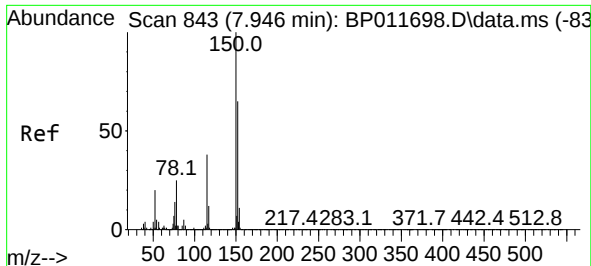
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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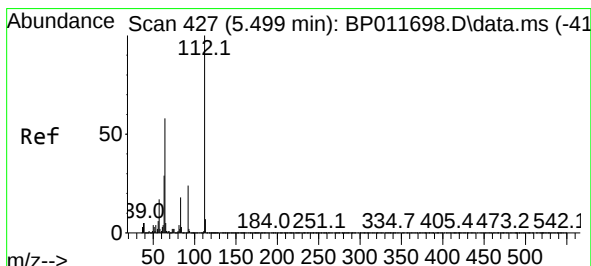
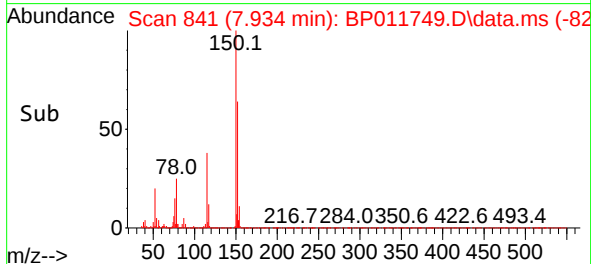
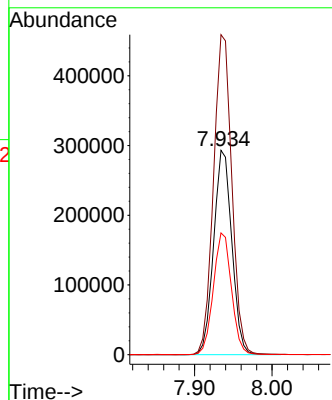
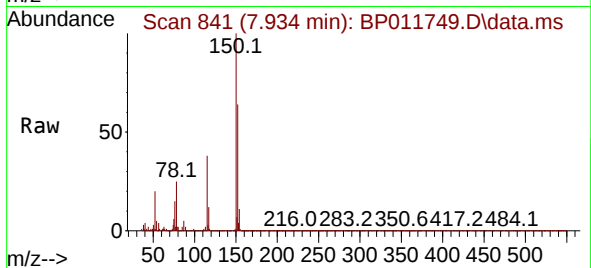




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP011749.D
Acq: 19 Sep 2022 23:18

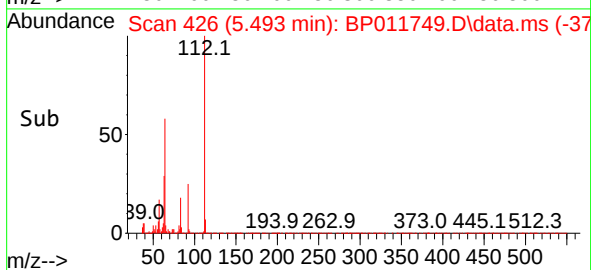
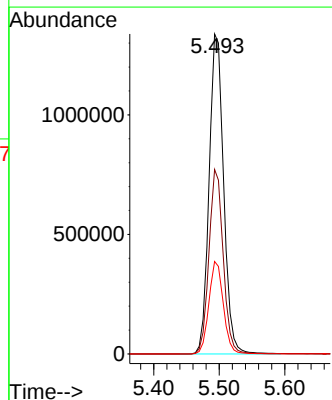
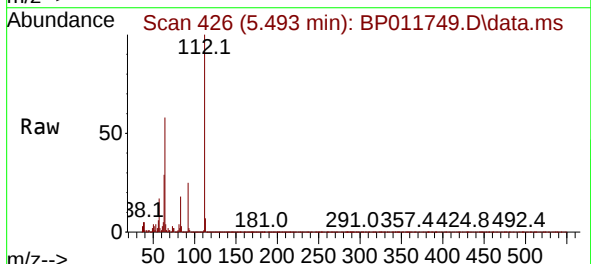
Instrument :
BNA_P
ClientSampleId :
5486-1

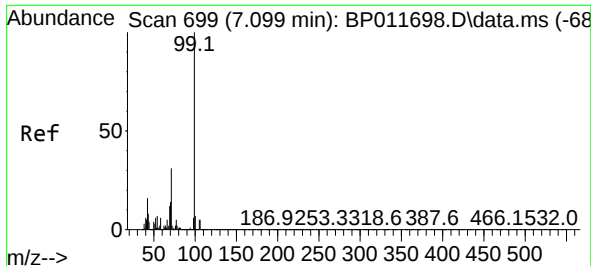
Tgt Ion:152 Resp: 478897
Ion Ratio Lower Upper
152 100
150 156.6 123.4 185.2
115 59.6 51.3 76.9



#5
2-Fluorophenol
Concen: 78.461 ng
RT: 5.493 min Scan# 426
Delta R.T. 0.000 min
Lab File: BP011749.D
Acq: 19 Sep 2022 23:18

Tgt Ion:112 Resp: 2064320
Ion Ratio Lower Upper
112 100
64 57.7 56.9 85.3
63 28.9 31.2 46.8#





#7

Phenol-d6

Concen: 47.739 ng

RT: 7.093 min Scan# 64

Delta R.T. 0.000 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

Instrument :

BNA_P

ClientSampleId :

5486-1

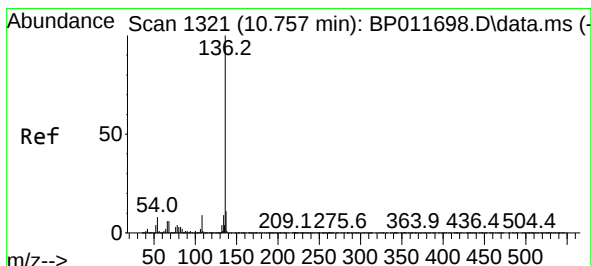
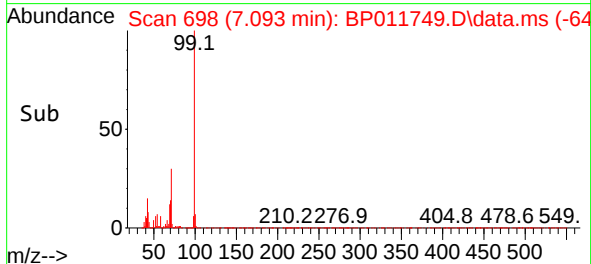
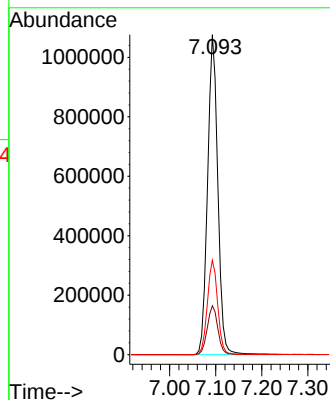
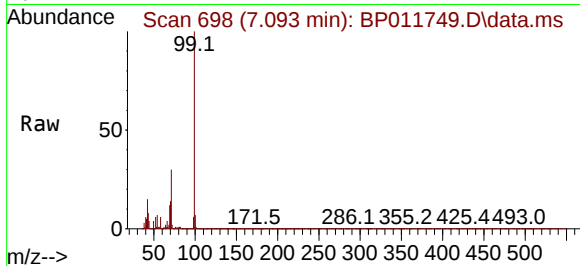
Tgt Ion: 99 Resp: 1674293

Ion Ratio Lower Upper

99 100

42 15.3 20.3 30.5#

71 29.5 33.9 50.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.746 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

Tgt Ion:136 Resp: 2107391

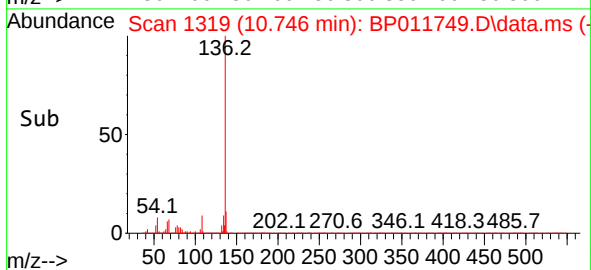
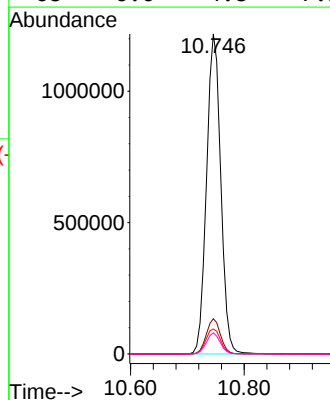
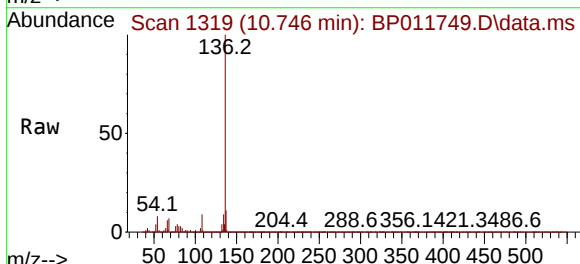
Ion Ratio Lower Upper

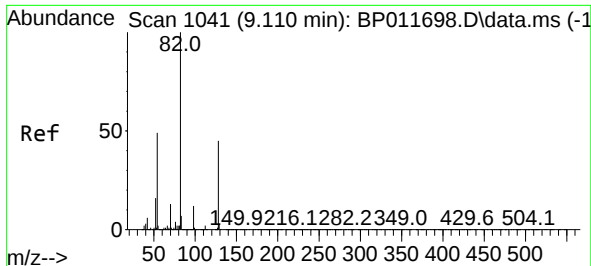
136 100

137 11.0 9.0 13.4

54 7.8 8.7 13.1#

68 6.6 4.8 7.2

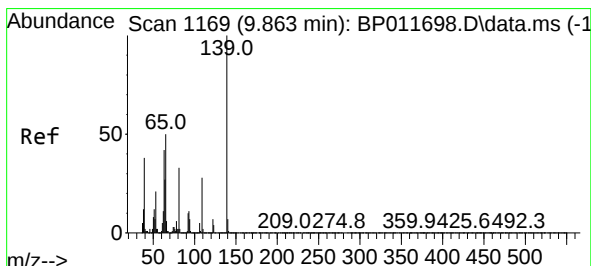
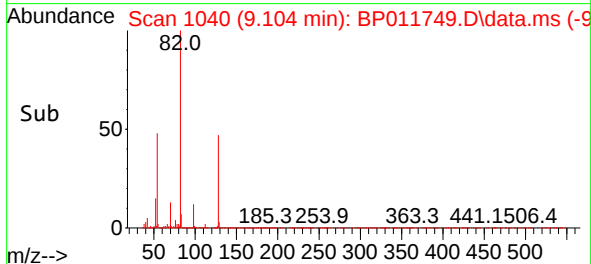
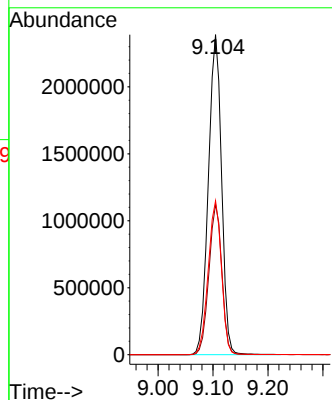
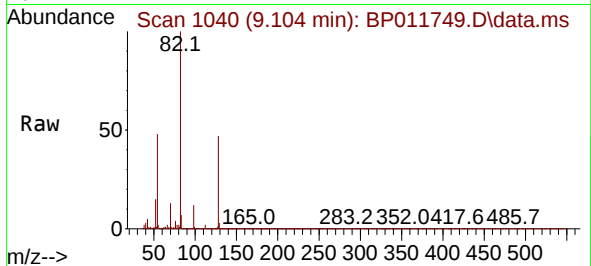




#23
Nitrobenzene-d5
Concen: 111.801 ng
RT: 9.104 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BP011749.D
Acq: 19 Sep 2022 23:18

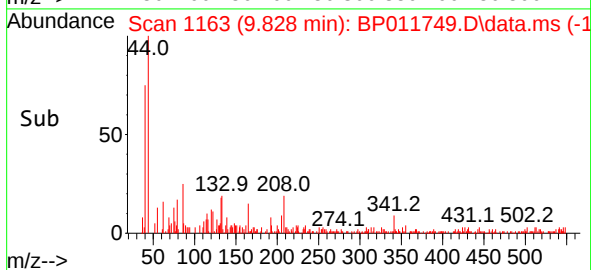
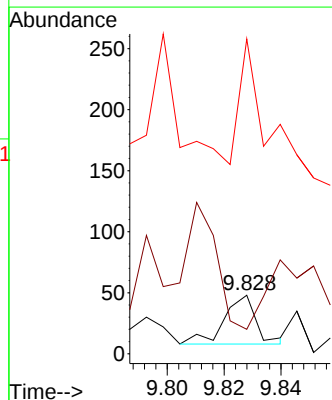
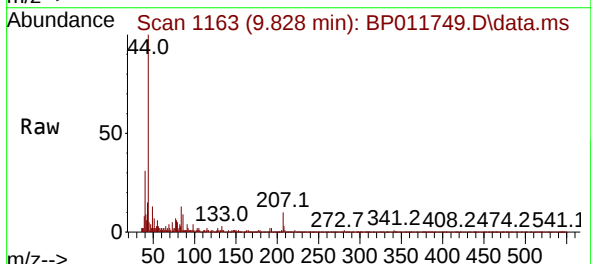
Instrument :
BNA_P
ClientSampleId :
5486-1

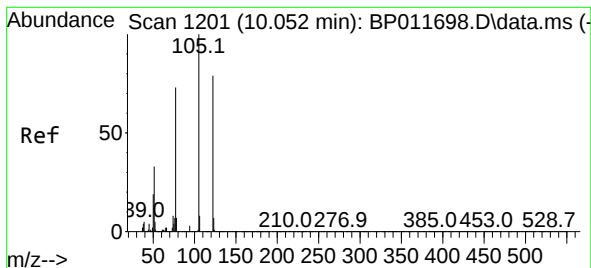
Tgt Ion: 82 Resp: 3972690
Ion Ratio Lower Upper
82 100
128 47.0 31.3 46.9#
54 48.1 49.8 74.8#



#26
2-Nitrophenol
Concen: 3.568 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.029 min
Lab File: BP011749.D
Acq: 19 Sep 2022 23:18

Tgt Ion:139 Resp: 31
Ion Ratio Lower Upper
139 100
109 41.7 30.2 45.4
65 537.5 52.2 78.2#





#32

Benzoic acid

Concen: 6.813 ng

RT: 9.975 min Scan# 1188

Delta R.T. -0.059 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

Instrument :

BNA_P

ClientSampleId :

5486-1

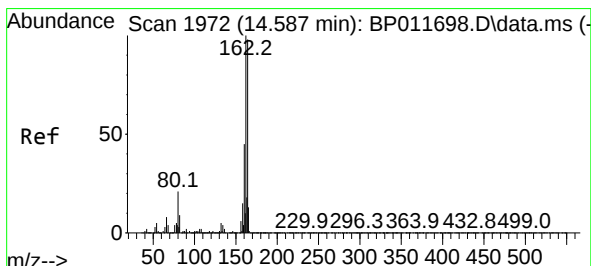
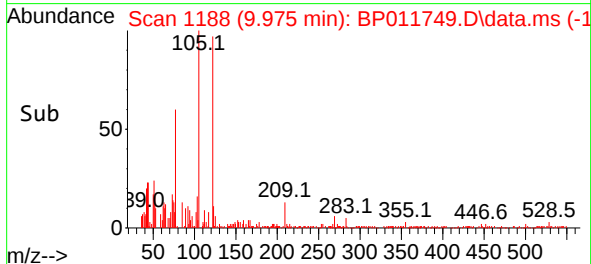
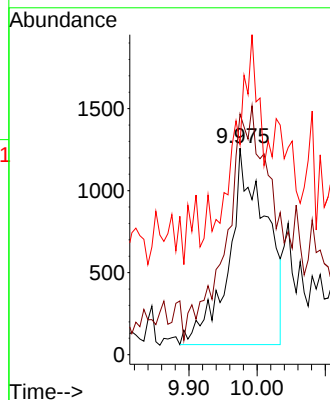
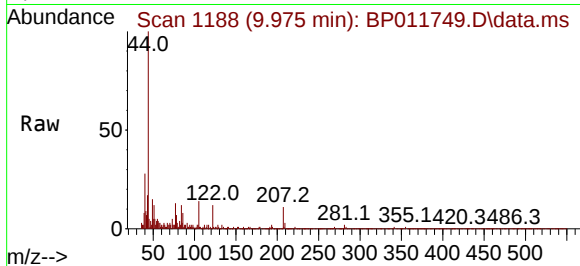
Tgt Ion:122 Resp: 4540

Ion Ratio Lower Upper

122 100

105 116.5 112.6 152.6

77 101.7 90.2 130.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1970

Delta R.T. 0.000 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

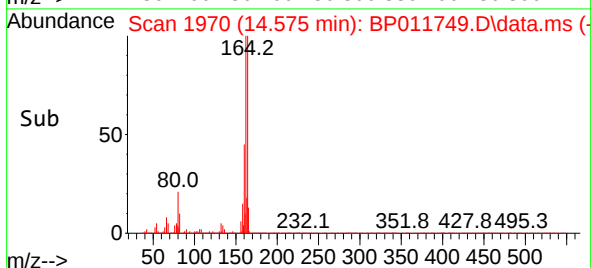
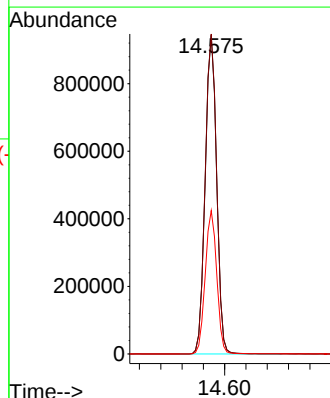
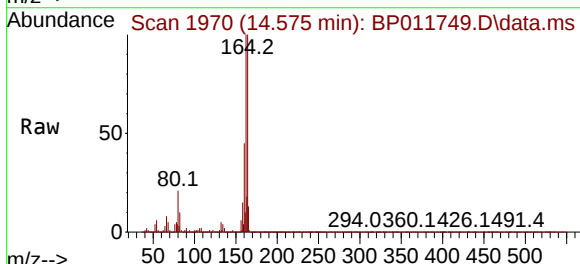
Tgt Ion:164 Resp: 1400939

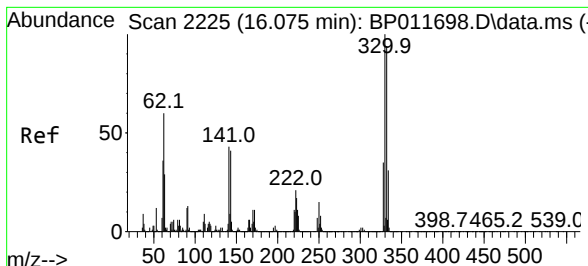
Ion Ratio Lower Upper

164 100

162 100.4 81.9 122.9

160 45.0 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 220.861 ng

RT: 16.069 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

Instrument :

BNA_P

ClientSampleId :

5486-1

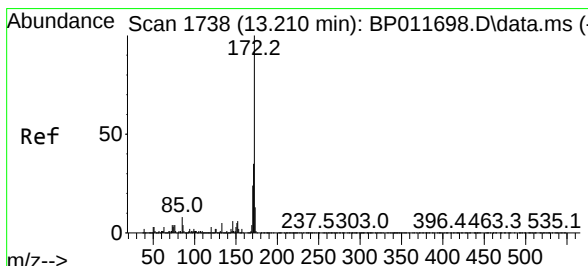
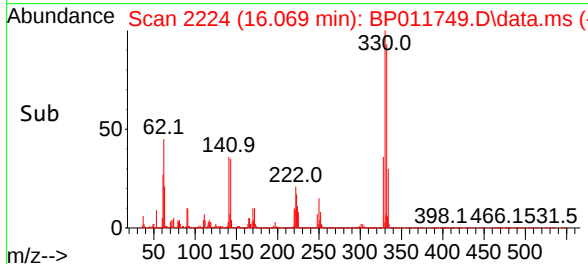
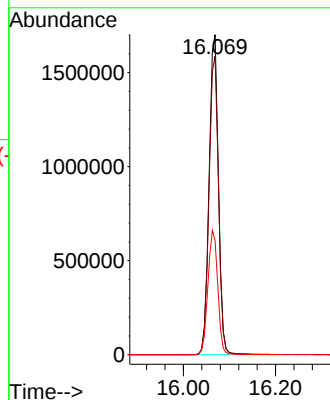
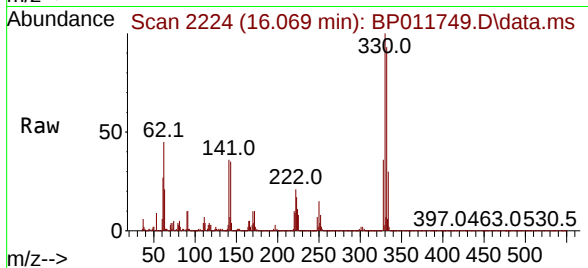
Tgt Ion:330 Resp: 2417561

Ion Ratio Lower Upper

330 100

332 94.8 78.1 117.1

141 40.9 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 102.144 ng

RT: 13.204 min Scan# 1737

Delta R.T. 0.006 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

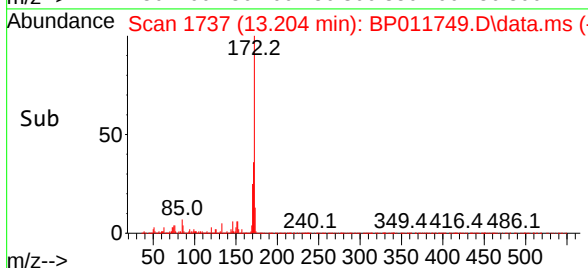
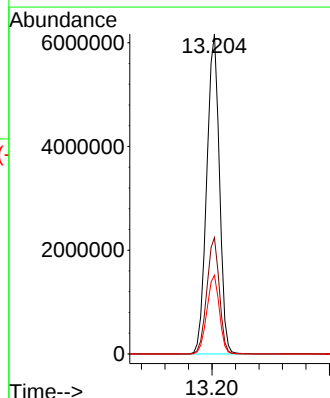
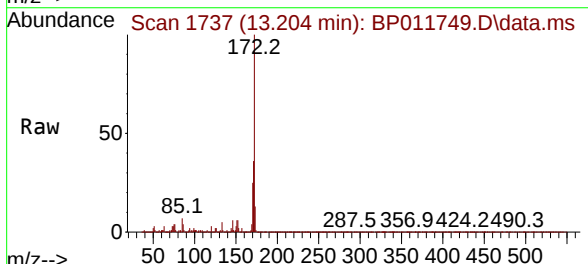
Tgt Ion:172 Resp: 9205737

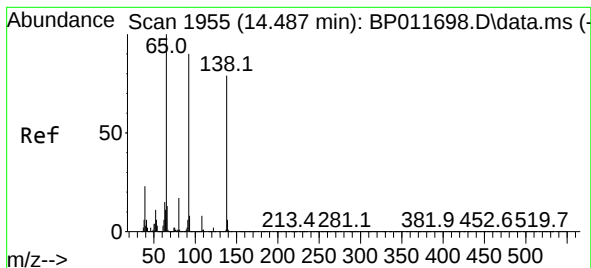
Ion Ratio Lower Upper

172 100

171 36.4 27.9 41.9

170 24.6 18.2 27.2





#53

3-Nitroaniline

Concen: 2.389 ng

RT: 14.498 min Scan# 1955

Delta R.T. 0.018 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

Instrument :

BNA_P

ClientSampleId :

5486-1

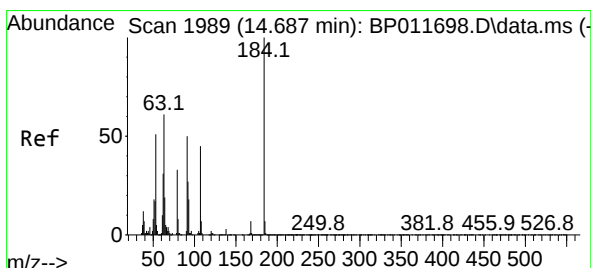
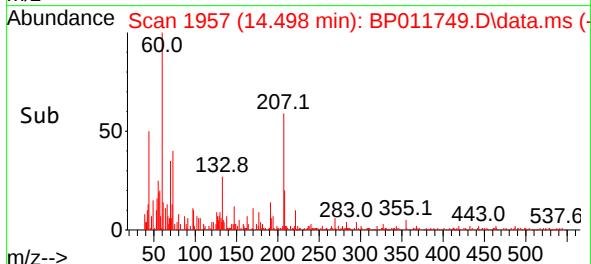
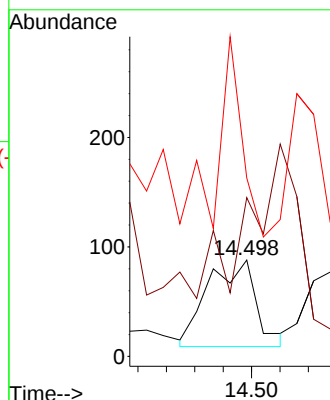
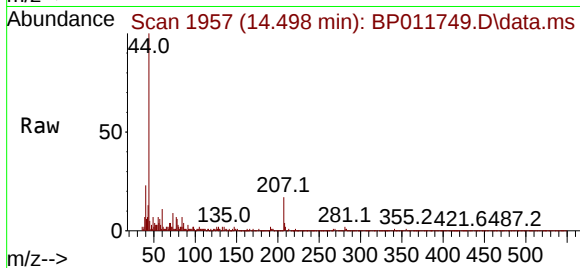
Tgt Ion:138 Resp: 93

Ion Ratio Lower Upper

138 100

108 164.8 9.5 14.3#

92 185.2 99.9 149.9#



#54

2,4-Dinitrophenol

Concen: 6.583 ng

RT: 14.657 min Scan# 1984

Delta R.T. -0.023 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

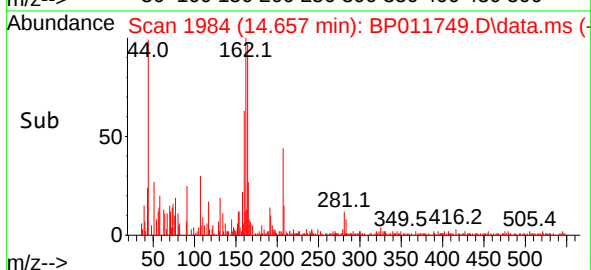
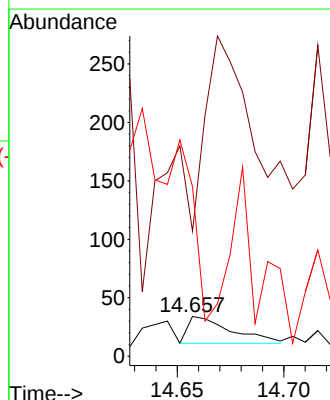
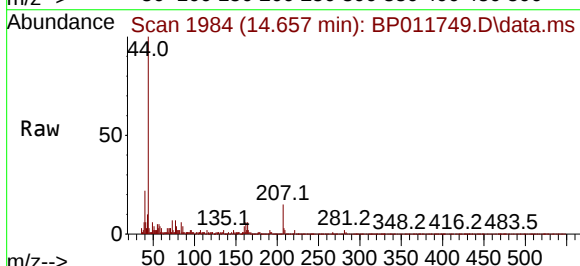
Tgt Ion:184 Resp: 33

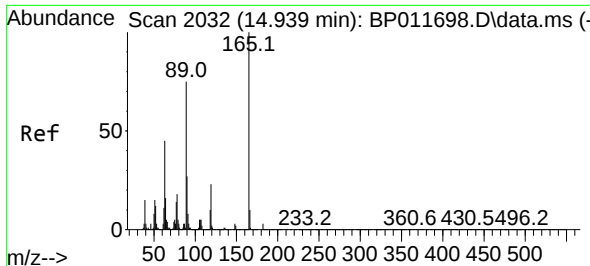
Ion Ratio Lower Upper

184 100

63 314.7 65.4 98.2#

154 426.5 55.4 83.2#

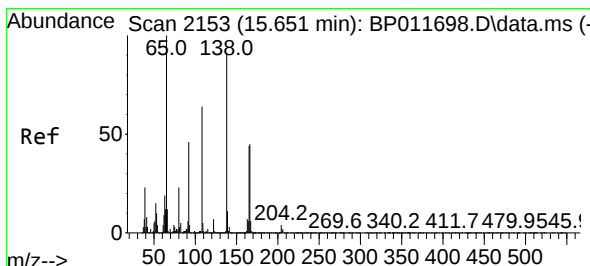
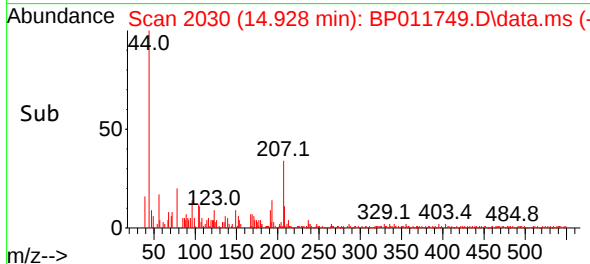
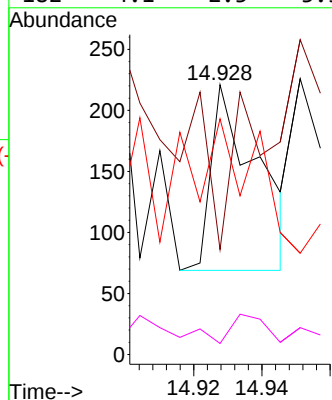
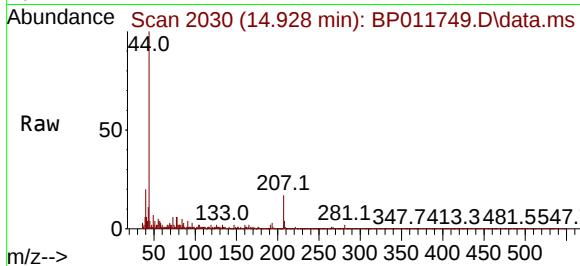




#57
2,4-Dinitrotoluene
Concen: 2.993 ng
RT: 14.928 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP011749.D
Acq: 19 Sep 2022 23:18

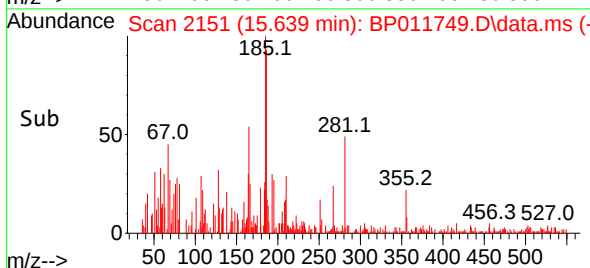
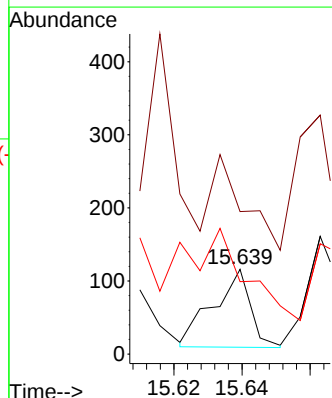
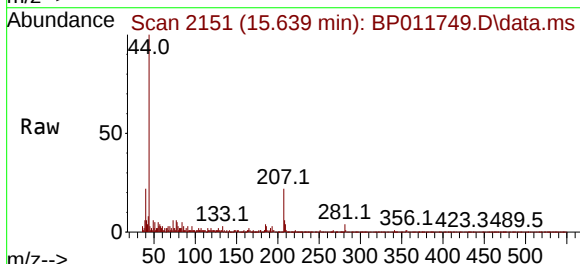
Instrument :
BNA_P
ClientSampleId :
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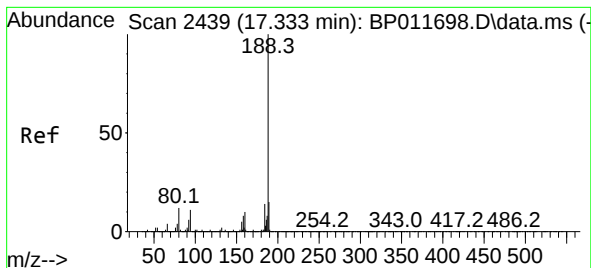
Tgt Ion:	165	Resp:	141
Ion Ratio	Lower	Upper	
165	100		
63	38.9	46.2	69.2#
89	87.3	65.8	98.8
182	4.1	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.731 ng
RT: 15.639 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP011749.D
Acq: 19 Sep 2022 23:18

Tgt Ion:	138	Resp:	81
Ion Ratio	Lower	Upper	
138	100		
92	168.1	38.0	78.0#
108	85.3	77.6	117.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.328 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

Instrument :

BNA_P

ClientSampleId :

5486-1

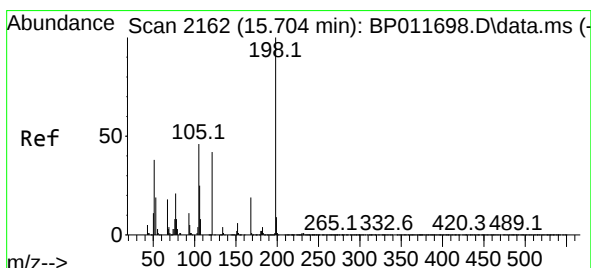
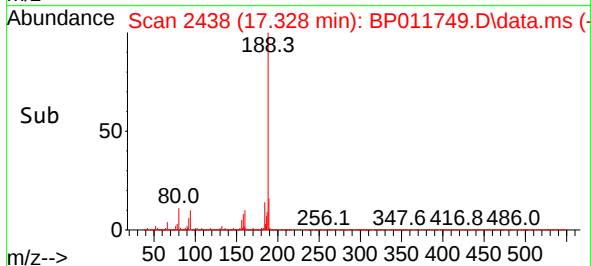
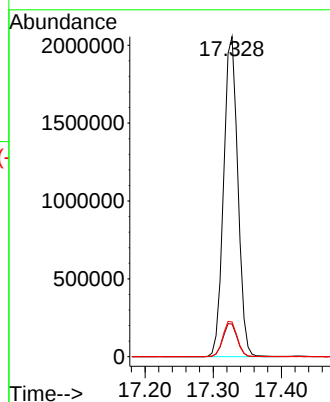
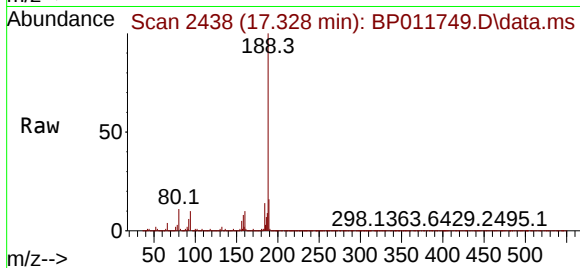
Tgt Ion:188 Resp: 2979801

Ion Ratio Lower Upper

188 100

94 10.2 6.6 10.0#

80 10.9 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.854 ng

RT: 15.704 min Scan# 2162

Delta R.T. 0.006 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

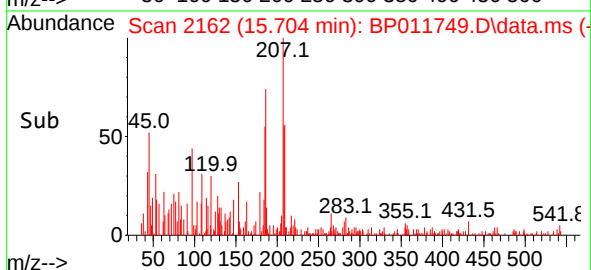
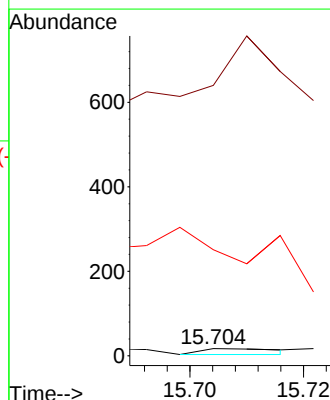
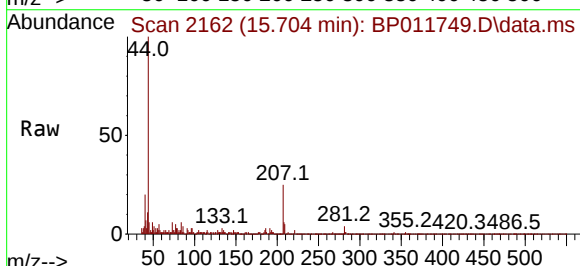
Tgt Ion:198 Resp: 13

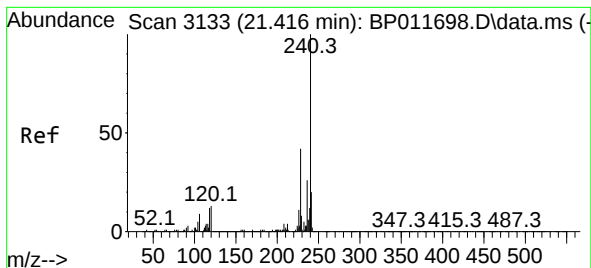
Ion Ratio Lower Upper

198 100

51 3764.7 41.2 81.2#

105 1476.5 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

Instrument :

BNA_P

ClientSampleId :

5486-1

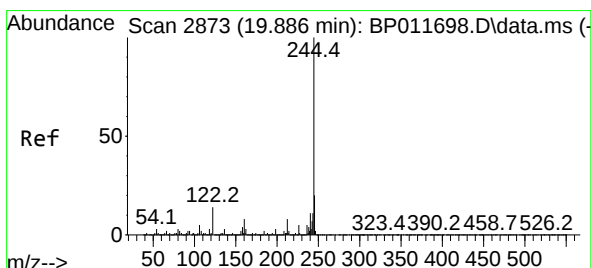
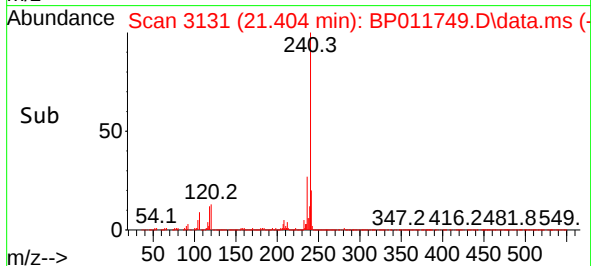
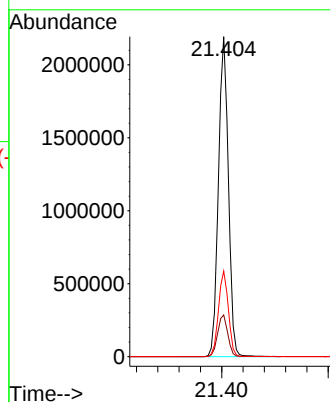
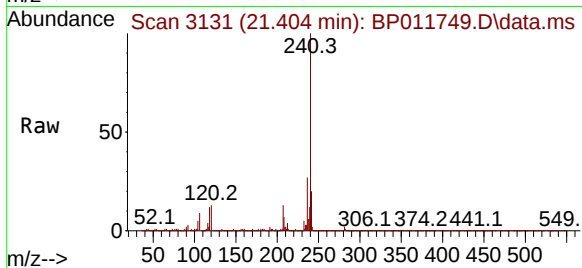
Tgt Ion:240 Resp: 2838549

Ion Ratio Lower Upper

240 100

120 13.0 8.6 12.8#

236 26.8 19.8 29.6



#79

Terphenyl-d14

Concen: 100.145 ng

RT: 19.874 min Scan# 2871

Delta R.T. 0.000 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

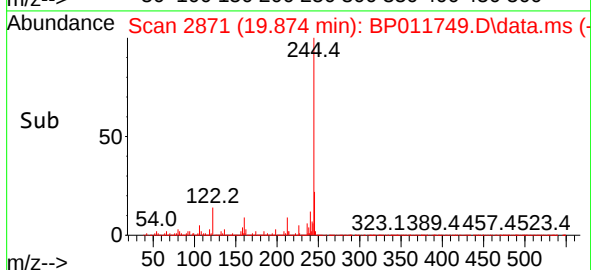
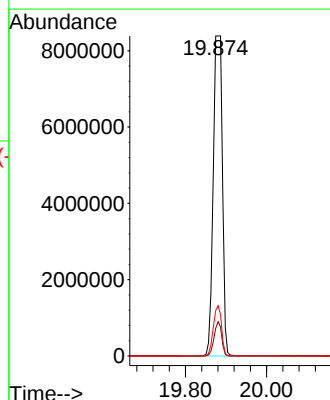
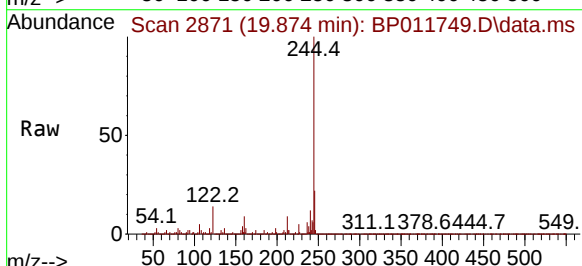
Tgt Ion:244 Resp:13072192

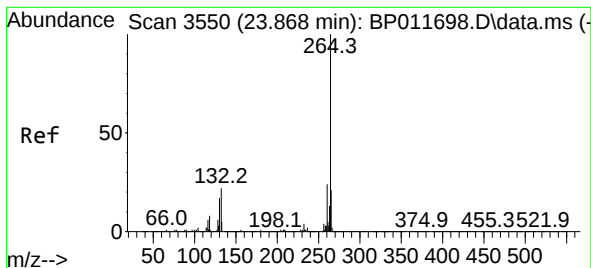
Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

122 14.2 7.6 11.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011749.D

Acq: 19 Sep 2022 23:18

Instrument :

BNA_P

ClientSampleId :

5486-1

Tgt Ion:264 Resp: 2645489

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 22.6 18.0 27.0

