

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011739.D
 Acq On : 19 Sep 2022 17:26
 Operator : CG/JU
 Sample : PB147625TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147625TB

Quant Time: Sep 20 04:45:37 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)

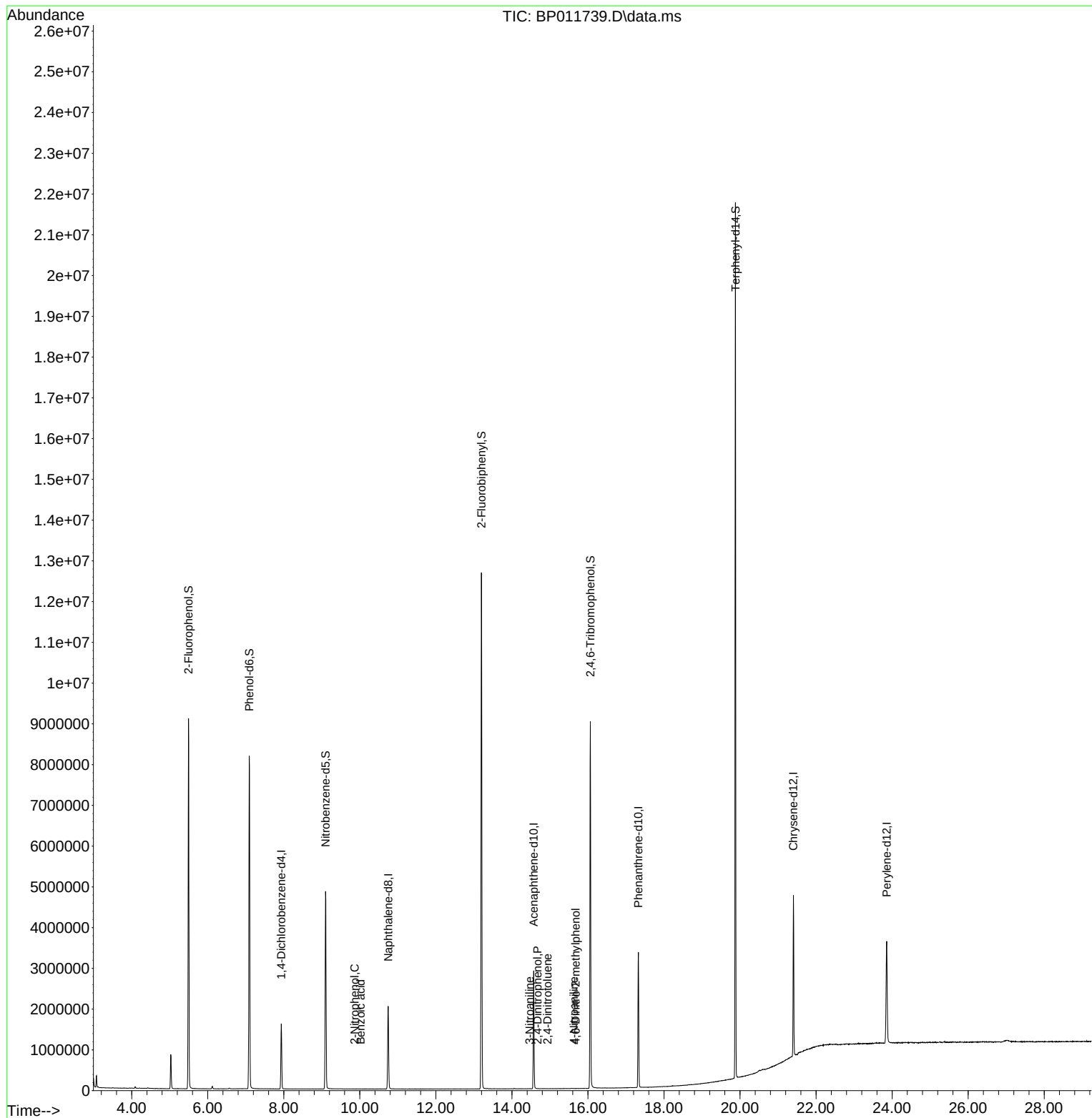
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	449654	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1764606	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	996850	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	1988236	20.000	ng	0.00
76) Chrysene-d12	21.404	240	1829735	20.000	ng	0.00
86) Perylene-d12	23.857	264	1830141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	4061412	164.407	ng	0.00
7) Phenol-d6	7.093	99	5050945	153.384	ng	0.00
23) Nitrobenzene-d5	9.099	82	2815497	94.627	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1581365	203.032	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	6618390	103.204	ng	0.00
79) Terphenyl-d14	19.880	244	9619019	114.319	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.863	139	42	3.569	ng	# 1
32) Benzoic acid	10.022	122	55	6.638	ng	# 1
53) 3-Nitroaniline	14.469	138	16	2.386	ng	# 1
54) 2,4-Dinitrophenol	14.675	184	16	6.582	ng	# 1
57) 2,4-Dinitrotoluene	14.939	165	138	2.995	ng	# 58
62) 4-Nitroaniline	15.634	138	24	2.729	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.681	198	7	5.854	ng	# 1

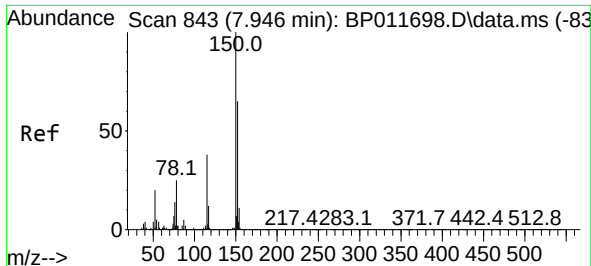
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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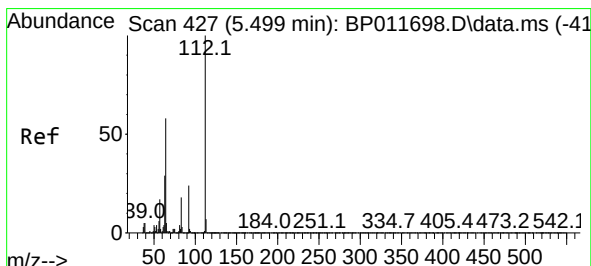
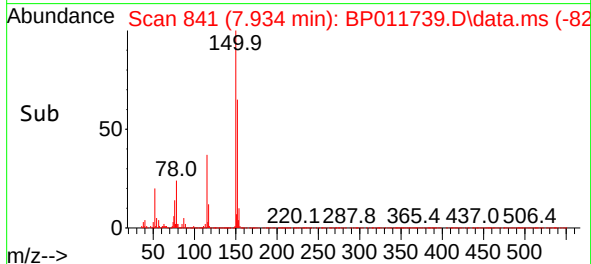
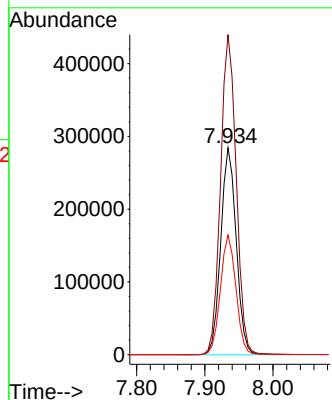
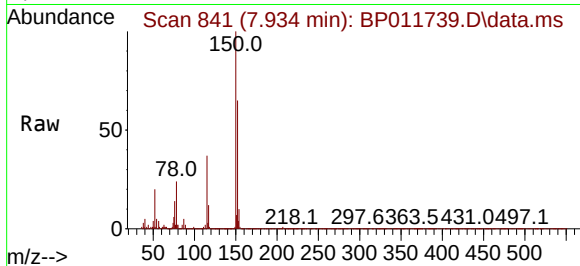




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP011739.D
Acq: 19 Sep 2022 17:26

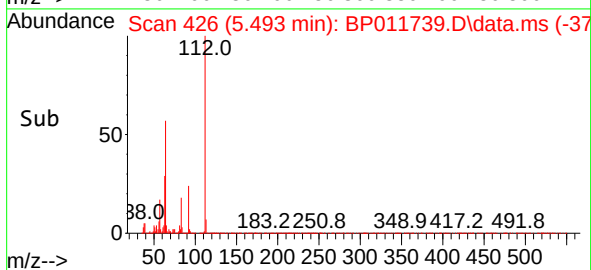
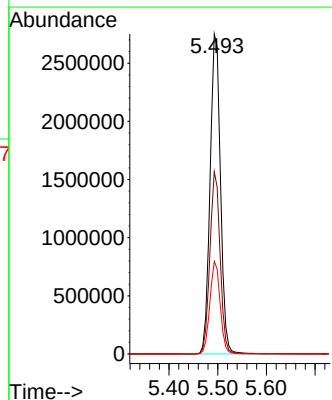
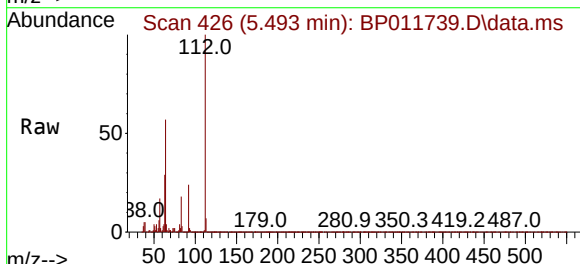
Instrument :
BNA_P
ClientSampleId :
PB147625TB

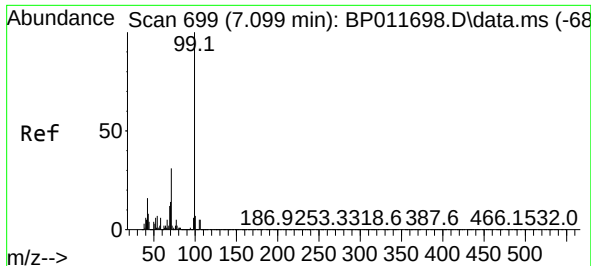
Tgt Ion:152 Resp: 449654
Ion Ratio Lower Upper
152 100
150 154.7 123.4 185.2
115 57.9 51.3 76.9



#5
2-Fluorophenol
Concen: 164.407 ng
RT: 5.493 min Scan# 426
Delta R.T. 0.000 min
Lab File: BP011739.D
Acq: 19 Sep 2022 17:26

Tgt Ion:112 Resp: 4061412
Ion Ratio Lower Upper
112 100
64 56.9 56.9 85.3
63 28.9 31.2 46.8#

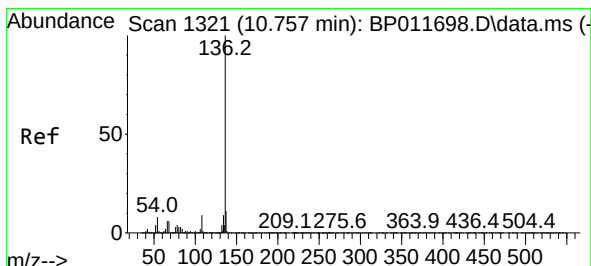
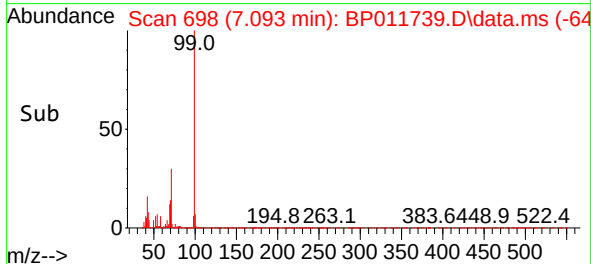
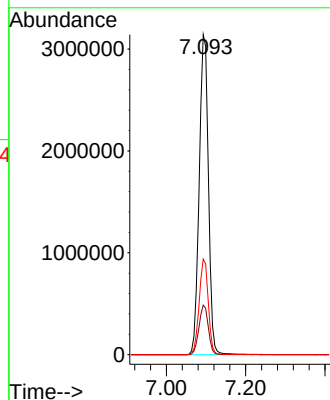
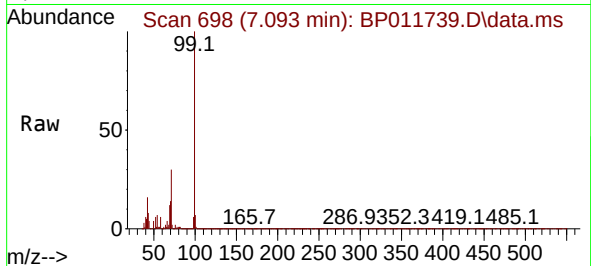




#7
Phenol-d6
Concen: 153.384 ng
RT: 7.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011739.D
Acq: 19 Sep 2022 17:26

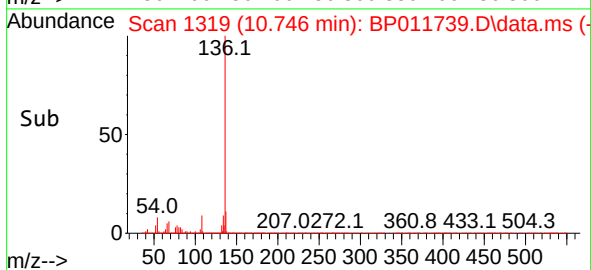
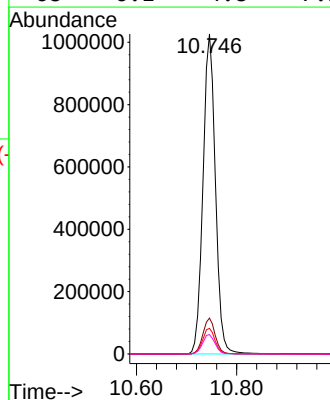
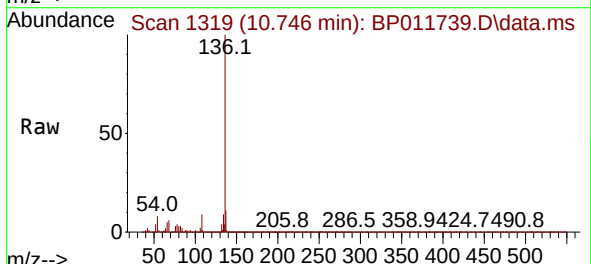
Instrument :
BNA_P
ClientSampleId :
PB147625TB

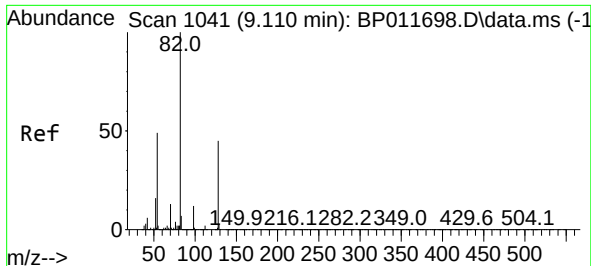
Tgt Ion: 99 Resp: 5050945
Ion Ratio Lower Upper
99 100
42 15.5 20.3 30.5#
71 29.9 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011739.D
Acq: 19 Sep 2022 17:26

Tgt Ion:136 Resp: 1764606
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.0 8.7 13.1#
68 6.1 4.8 7.2

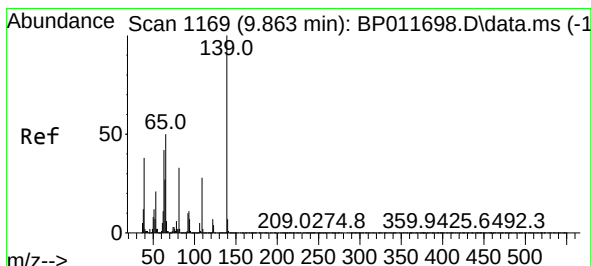
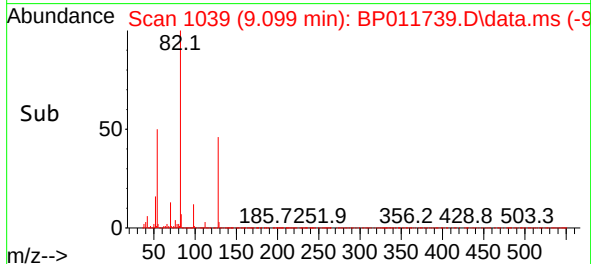
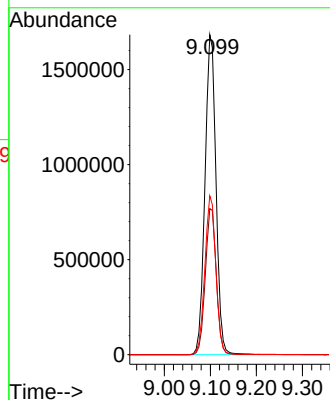
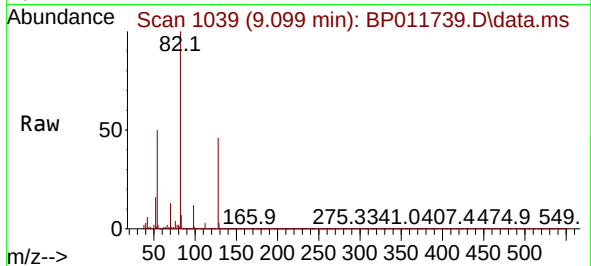




#23
 Nitrobenzene-d5
 Concen: 94.627 ng
 RT: 9.099 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: BP011739.D
 Acq: 19 Sep 2022 17:26

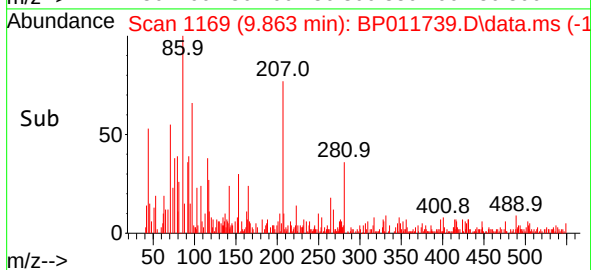
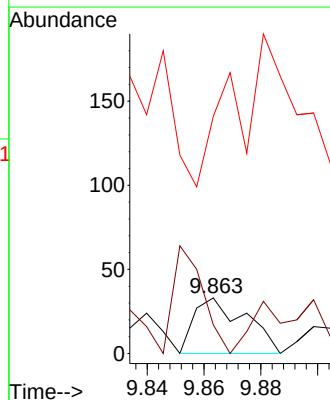
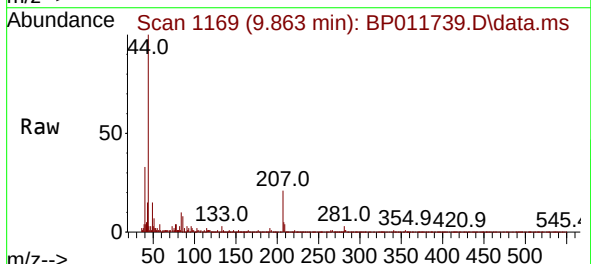
Instrument :
 BNA_P
 ClientSampleId :
 PB147625TB

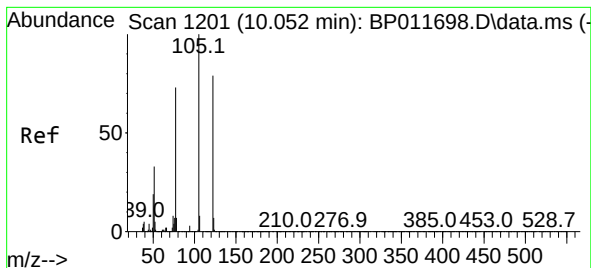
Tgt Ion: 82 Resp: 2815497
 Ion Ratio Lower Upper
 82 100
 128 45.7 31.3 46.9
 54 49.7 49.8 74.8#



#26
 2-Nitrophenol
 Concen: 3.569 ng
 RT: 9.863 min Scan# 1169
 Delta R.T. 0.006 min
 Lab File: BP011739.D
 Acq: 19 Sep 2022 17:26

Tgt Ion: 139 Resp: 42
 Ion Ratio Lower Upper
 139 100
 109 51.5 30.2 45.4#
 65 427.3 52.2 78.2#





#32

Benzoic acid

Concen: 6.638 ng

RT: 10.022 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BP011739.D

Acq: 19 Sep 2022 17:26

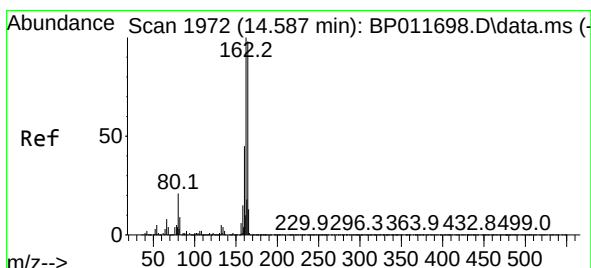
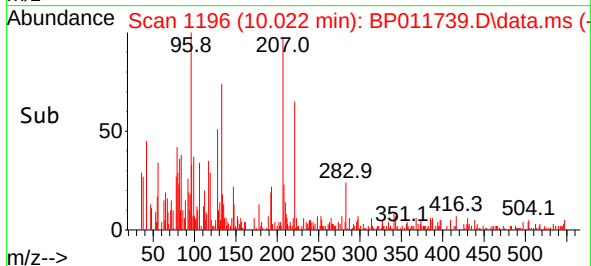
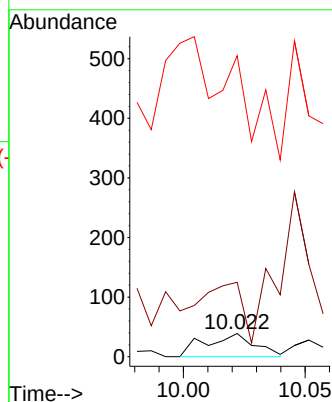
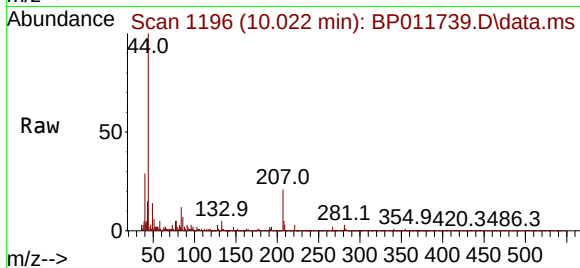
Instrument :

BNA_P

ClientSampleId :

PB147625TB

Tgt Ion:	122	Resp:	55
Ion Ratio	Lower	Upper	
122	100		
105	320.5	112.6	152.6#
77	1294.9	90.2	130.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

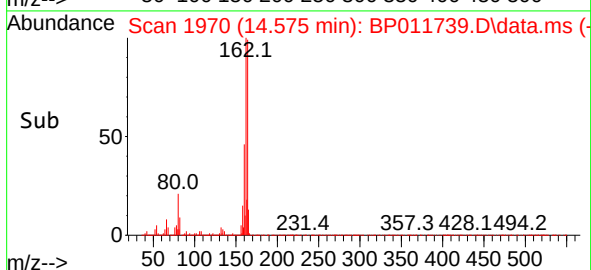
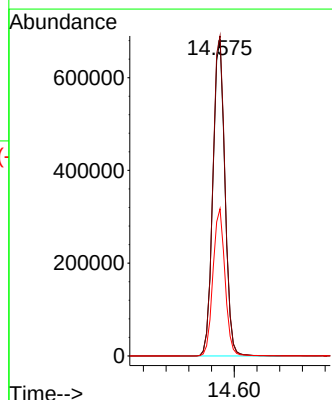
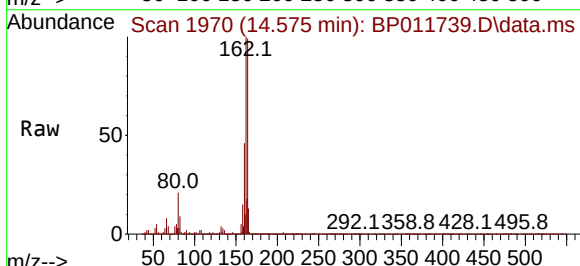
RT: 14.575 min Scan# 1970

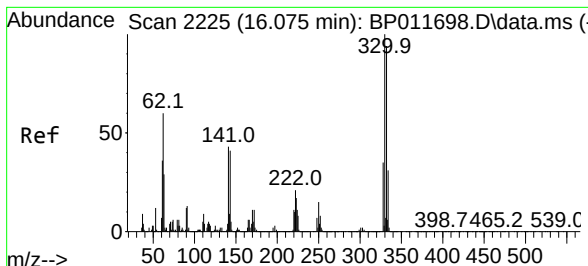
Delta R.T. 0.000 min

Lab File: BP011739.D

Acq: 19 Sep 2022 17:26

Tgt Ion:	164	Resp:	996850
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.9	122.9
160	46.5	34.6	51.8

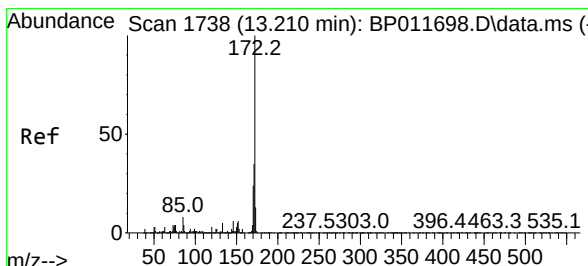
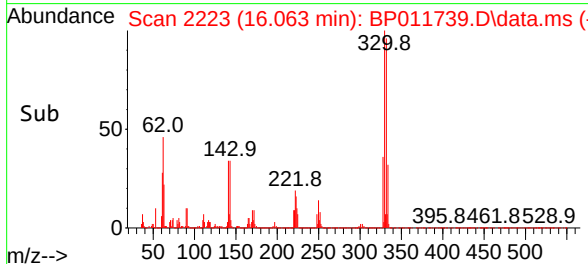
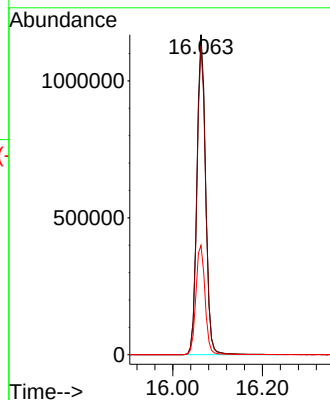
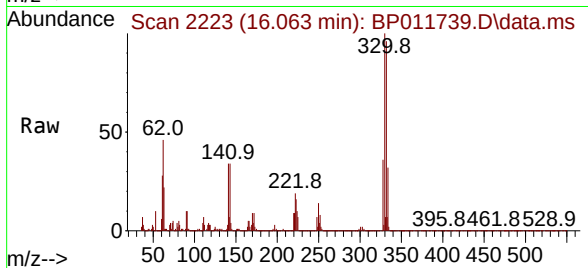




#42
2,4,6-Tribromophenol
Concen: 203.032 ng
RT: 16.063 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011739.D
Acq: 19 Sep 2022 17:26

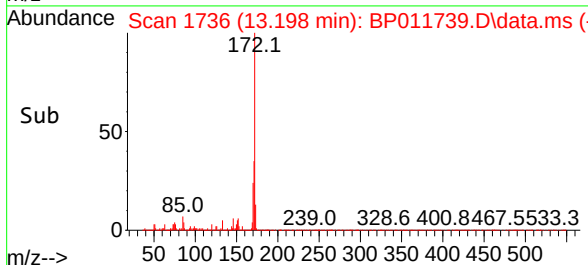
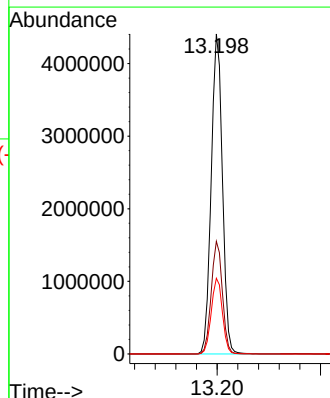
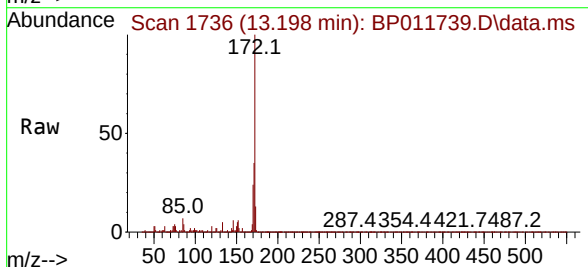
Instrument :
BNA_P
ClientSampleId :
PB147625TB

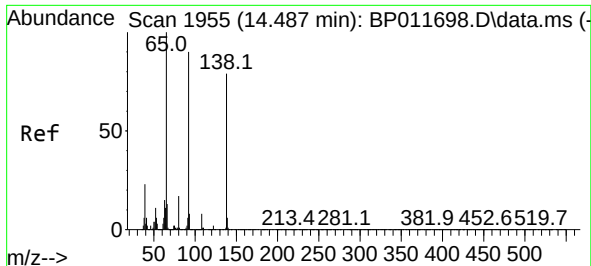
Tgt Ion:330 Resp: 1581365
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 35.7 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 103.204 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BP011739.D
Acq: 19 Sep 2022 17:26

Tgt Ion:172 Resp: 6618390
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.7 18.2 27.2

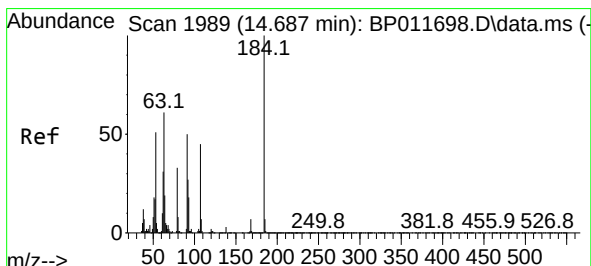
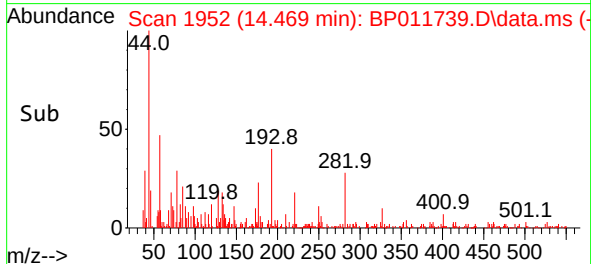
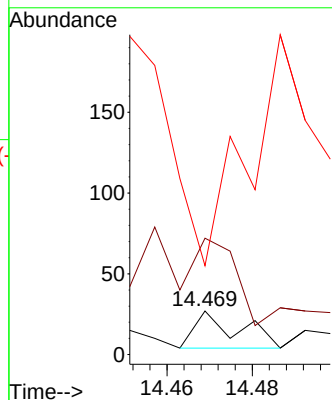
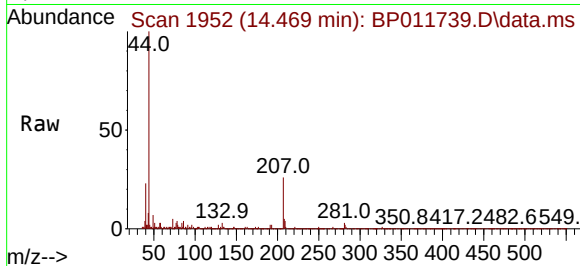




#53
3-Nitroaniline
Concen: 2.386 ng
RT: 14.469 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BP011739.D
Acq: 19 Sep 2022 17:26

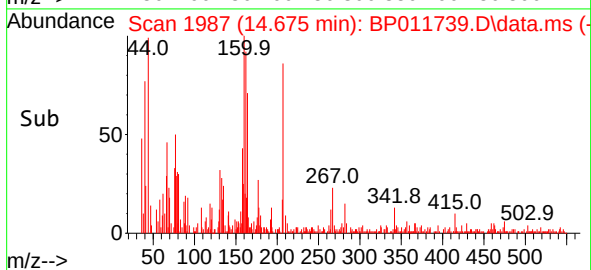
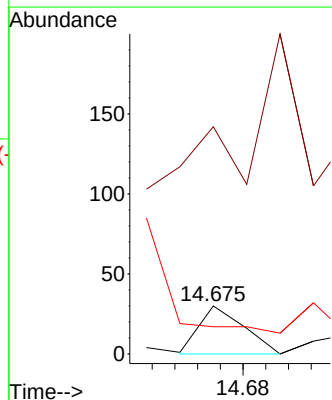
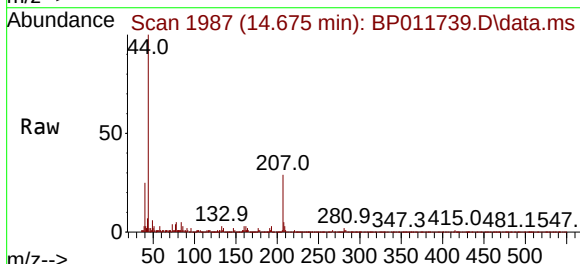
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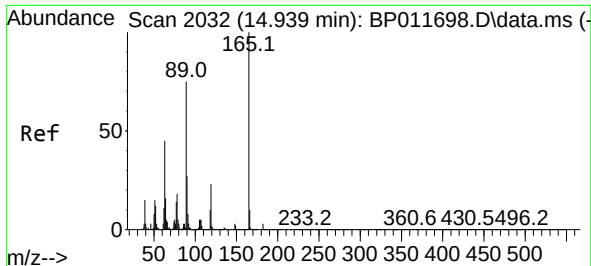
Tgt Ion:138 Resp: 16
Ion Ratio Lower Upper
138 100
108 459.3 9.5 14.3#
92 203.7 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.582 ng
RT: 14.675 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP011739.D
Acq: 19 Sep 2022 17:26

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 473.3 65.4 98.2#
154 56.7 55.4 83.2

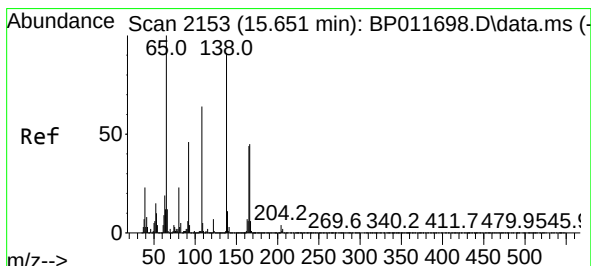
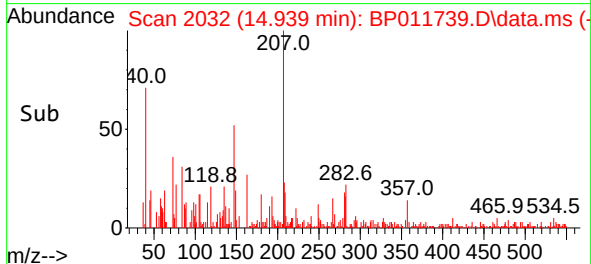
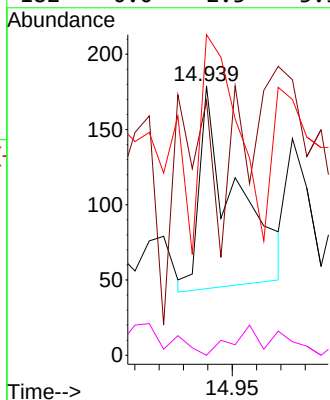
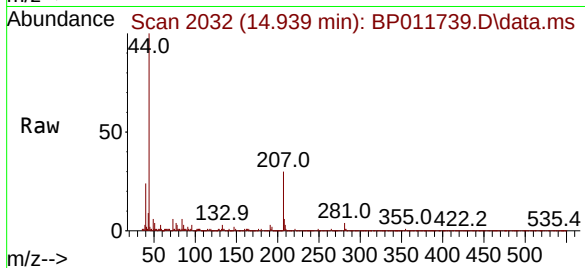




#57
2,4-Dinitrotoluene
Concen: 2.995 ng
RT: 14.939 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP011739.D
Acq: 19 Sep 2022 17:26

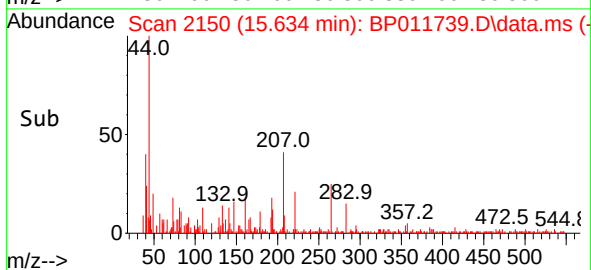
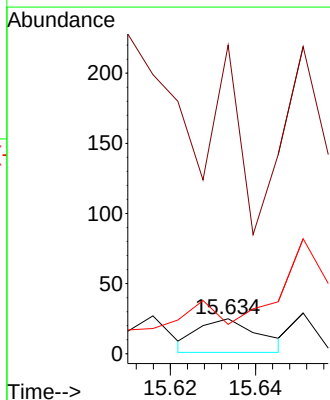
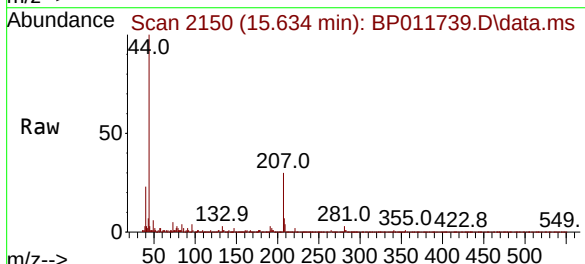
Instrument :
BNA_P
ClientSampleId :
PB147625TB

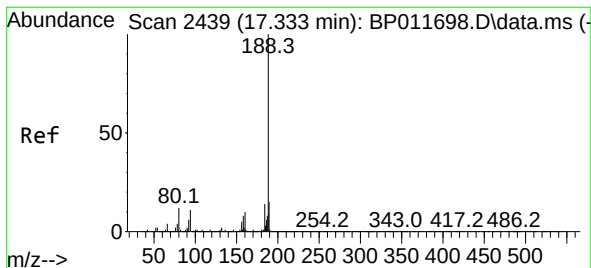
Tgt Ion:	165	Resp:	138
Ion	Ratio	Lower	Upper
165	100		
63	92.9	46.2	69.2#
89	117.0	65.8	98.8#
182	0.0	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.729 ng
RT: 15.634 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP011739.D
Acq: 19 Sep 2022 17:26

Tgt Ion:	138	Resp:	24
Ion	Ratio	Lower	Upper
138	100		
92	972.0	38.0	78.0#
108	84.0	77.6	117.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.328 min Scan# 24

Delta R.T. 0.000 min

Lab File: BP011739.D

Acq: 19 Sep 2022 17:26

Instrument :

BNA_P

ClientSampleId :

PB147625TB

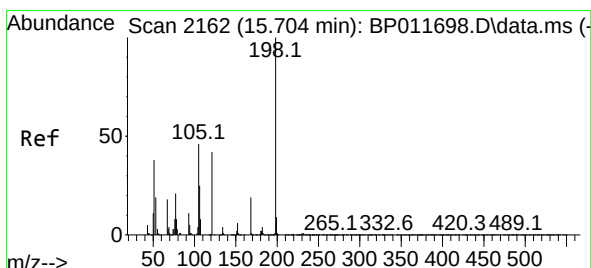
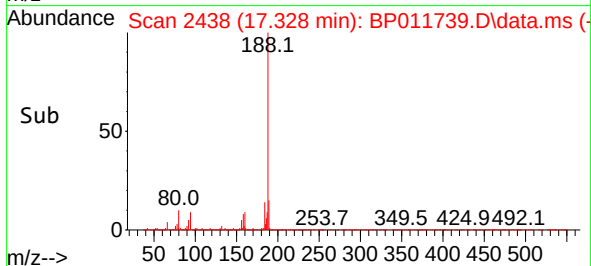
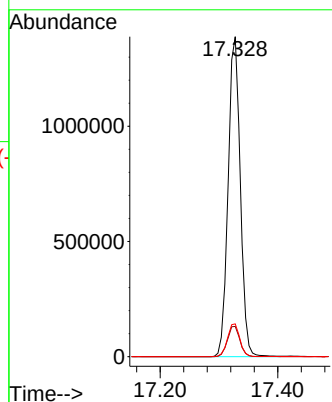
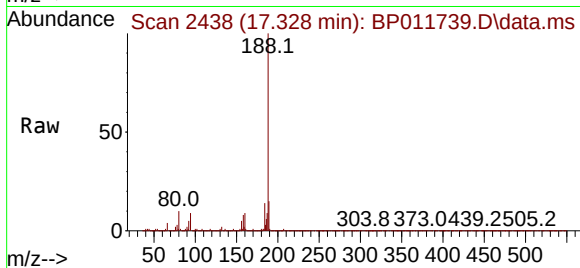
Tgt Ion:188 Resp: 1988236

Ion Ratio Lower Upper

188 100

94 9.5 6.6 10.0

80 10.3 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.854 ng

RT: 15.681 min Scan# 2158

Delta R.T. -0.018 min

Lab File: BP011739.D

Acq: 19 Sep 2022 17:26

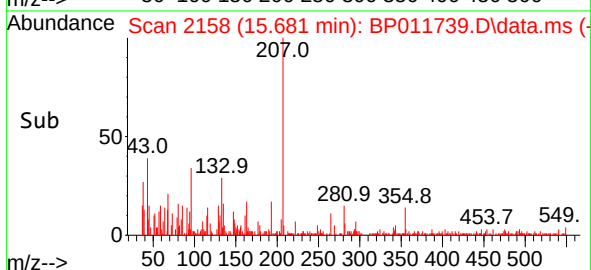
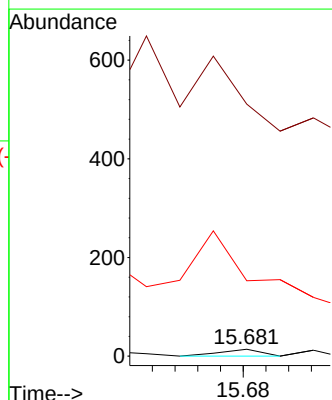
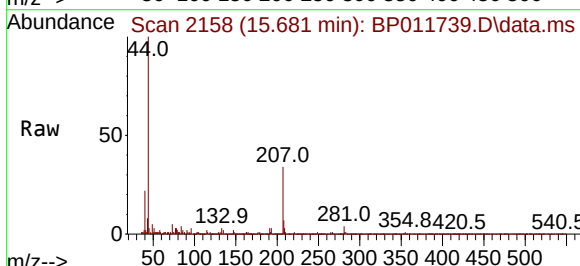
Tgt Ion:198 Resp: 7

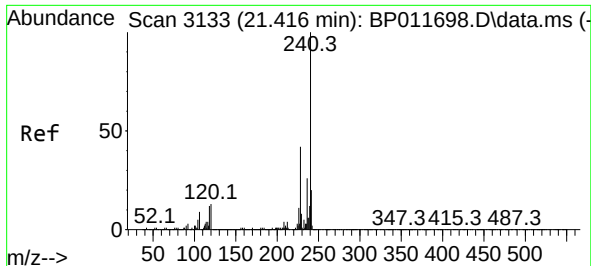
Ion Ratio Lower Upper

198 100

51 3650.0 41.2 81.2#

105 1092.9 25.3 65.3#

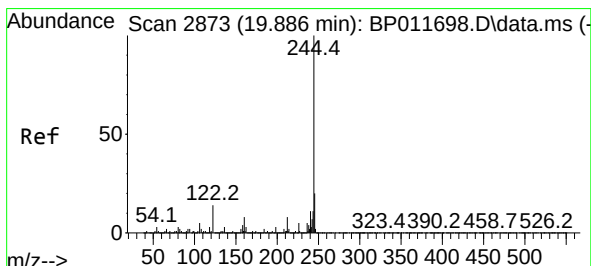
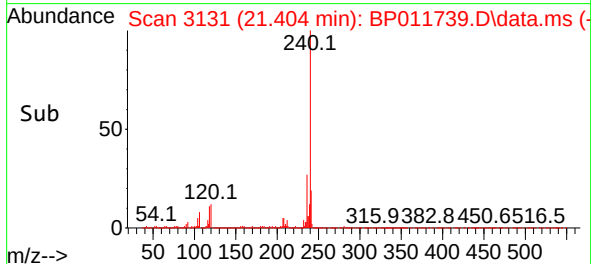
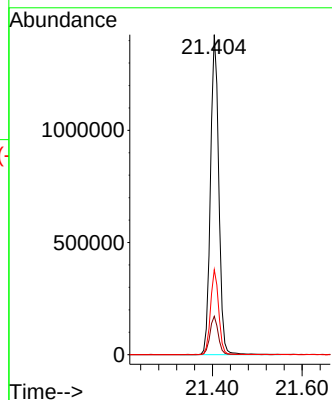
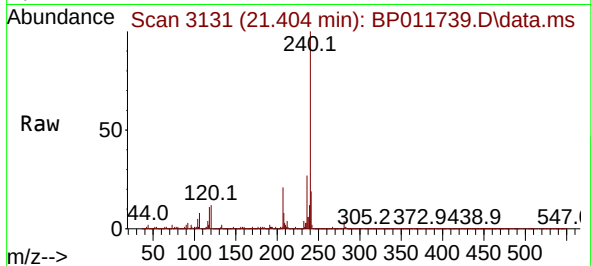




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BP011739.D
Acq: 19 Sep 2022 17:26

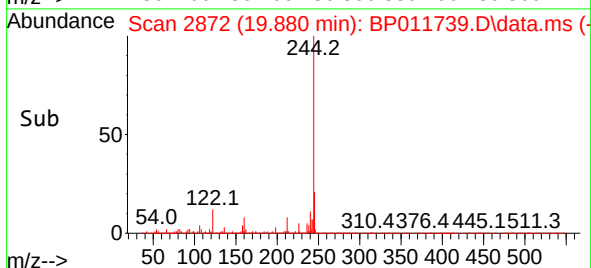
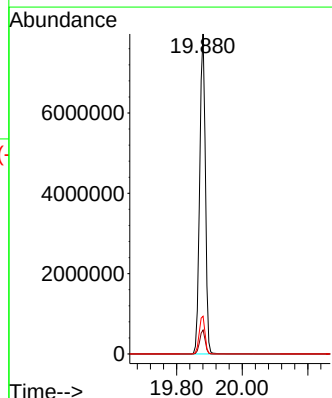
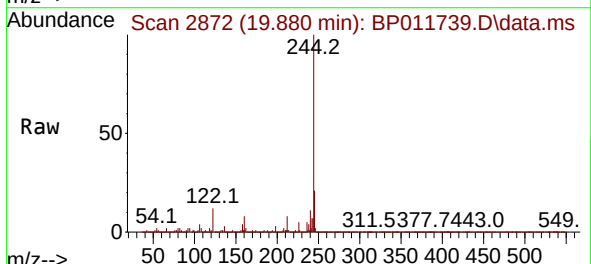
Instrument :
BNA_P
ClientSampleId :
PB147625TB

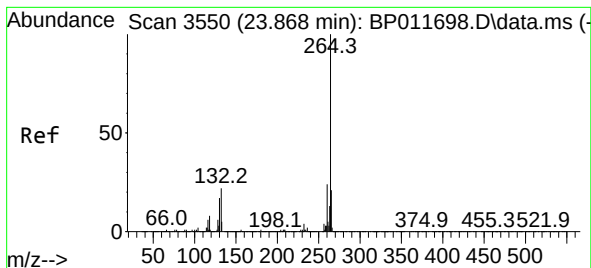
Tgt Ion:240 Resp: 1829735
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 26.6 19.8 29.6



#79
Terphenyl-d14
Concen: 114.319 ng
RT: 19.880 min Scan# 2872
Delta R.T. 0.006 min
Lab File: BP011739.D
Acq: 19 Sep 2022 17:26

Tgt Ion:244 Resp: 9619019
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 11.8 7.6 11.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.857 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP011739.D

Acq: 19 Sep 2022 17:26

Instrument :

BNA_P

ClientSampleId :

PB147625TB

Tgt Ion:264 Resp: 1830141

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 22.1 18.0 27.0

