

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011746.D
 Acq On : 19 Sep 2022 21:34
 Operator : CG/JU
 Sample : N4697-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-23-COMP

Quant Time: Sep 20 04:49:57 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)

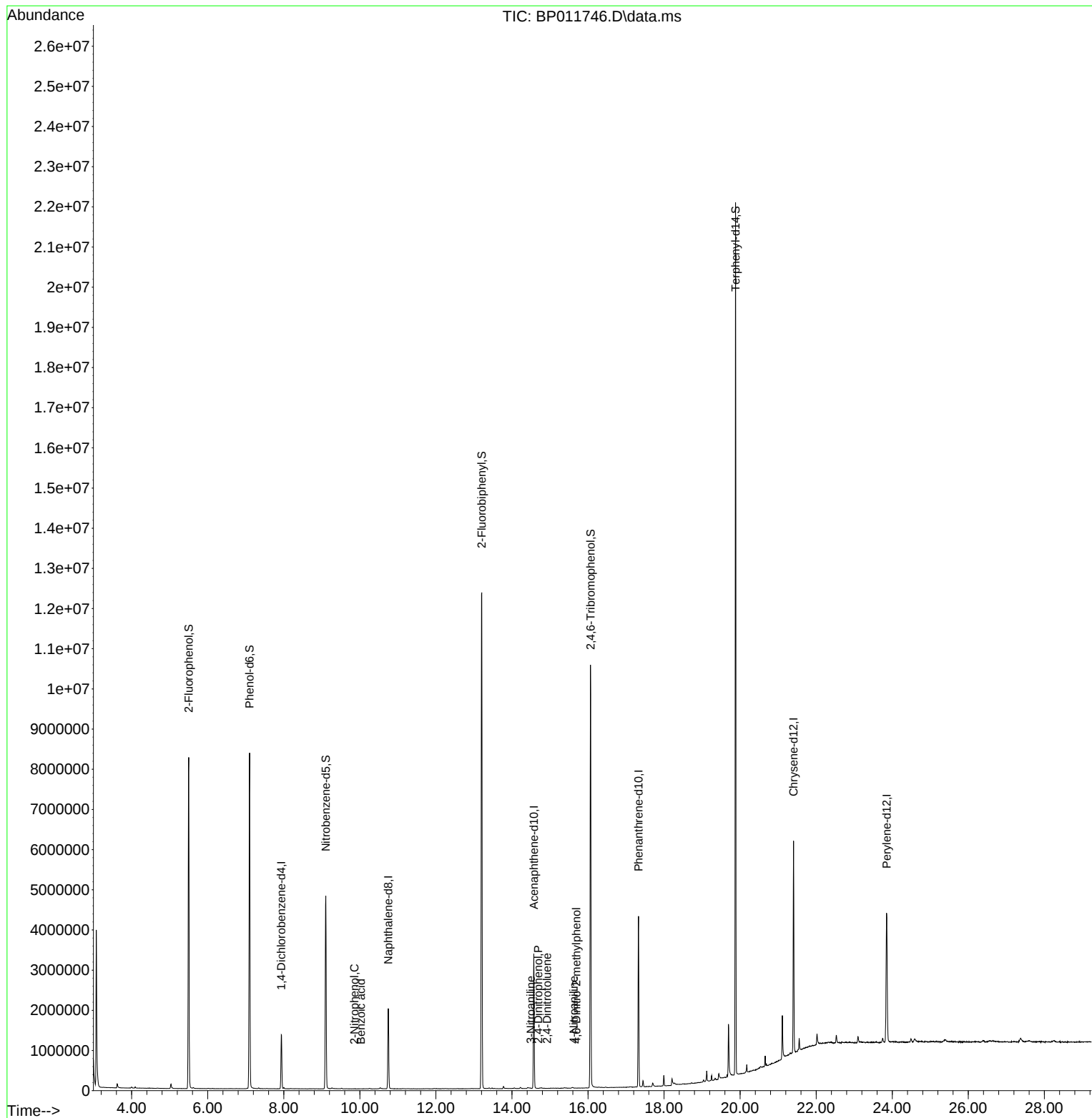
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	385330	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1712214	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1131335	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	2441631	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	2337389	20.000	ng	# 0.00
86) Perylene-d12	23.851	264	2303133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	3862846	182.471	ng	0.00
7) Phenol-d6	7.099	99	5239738	185.680	ng	0.00
23) Nitrobenzene-d5	9.105	82	2844530	98.528	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1762452	199.383	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	6721322	92.350	ng	0.00
79) Terphenyl-d14	19.881	244	9463878	88.047	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.858	139	38	3.569	ng	# 1
32) Benzoic acid	10.028	122	147	6.643	ng	# 1
53) 3-Nitroaniline	14.499	138	28	2.386	ng	# 1
54) 2,4-Dinitrophenol	14.693	184	52	6.586	ng	# 1
57) 2,4-Dinitrotoluene	14.922	165	131	2.994	ng	# 75
62) 4-Nitroaniline	15.628	138	70	2.731	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.693	198	12	5.854	ng	# 1

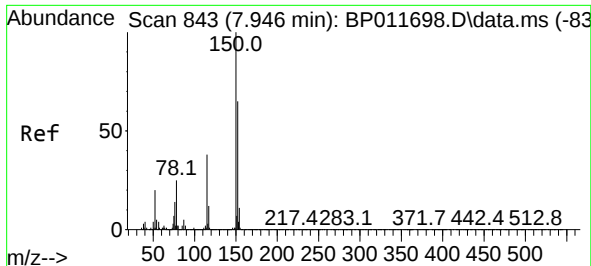
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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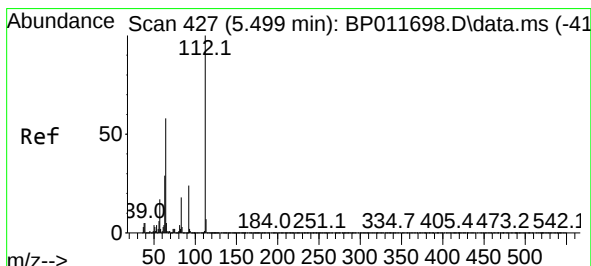
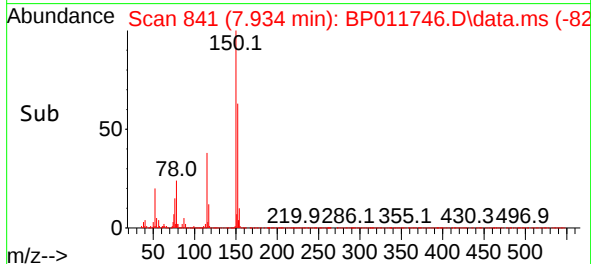
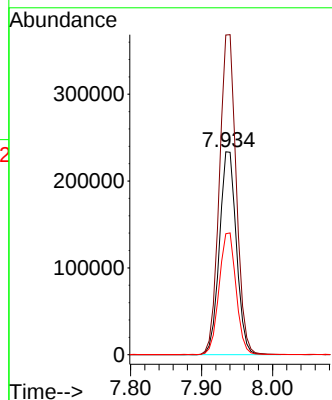
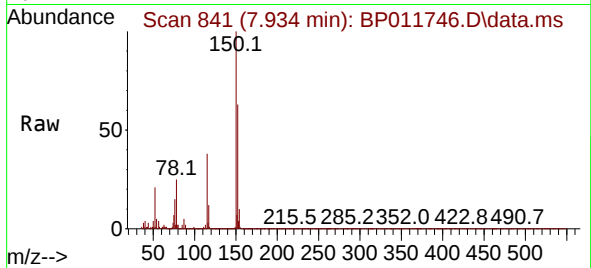




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 843
Delta R.T. 0.000 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

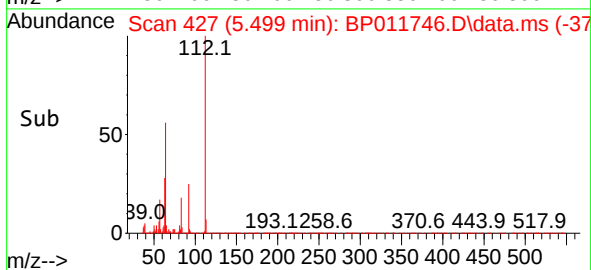
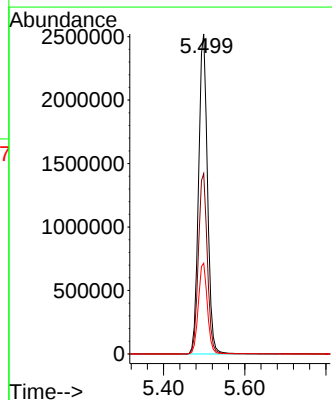
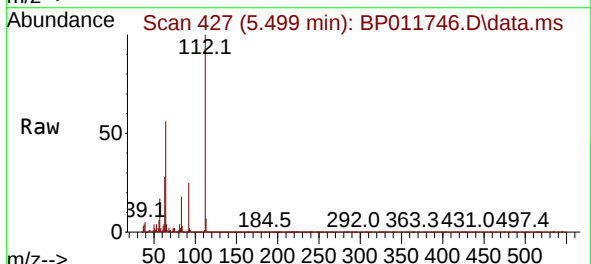
Instrument :
BNA_P
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SB-23-COMP

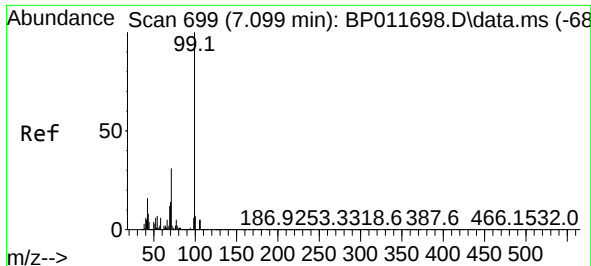
Tgt Ion:152 Resp: 385330
Ion Ratio Lower Upper
152 100
150 157.5 123.4 185.2
115 59.6 51.3 76.9



#5
2-Fluorophenol
Concen: 182.471 ng
RT: 5.499 min Scan# 427
Delta R.T. 0.006 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

Tgt Ion:112 Resp: 3862846
Ion Ratio Lower Upper
112 100
64 56.4 56.9 85.3#
63 28.3 31.2 46.8#

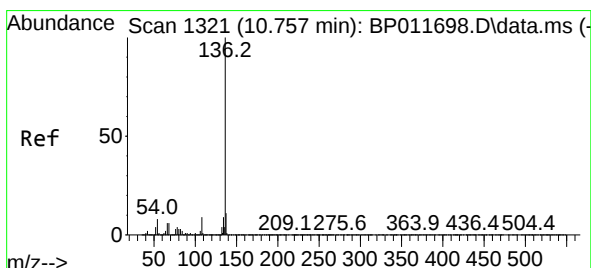
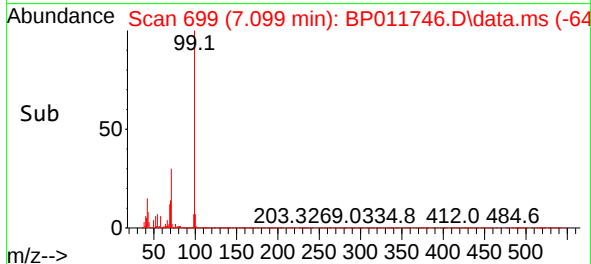
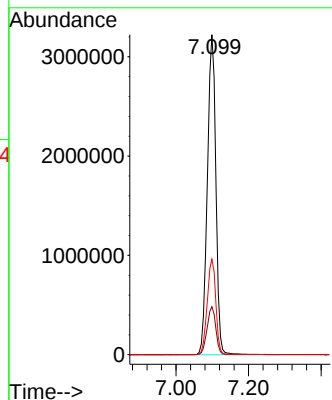
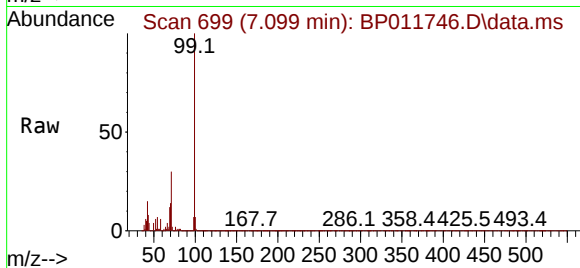




#7
Phenol-d6
Concen: 185.680 ng
RT: 7.099 min Scan# 699
Delta R.T. 0.006 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

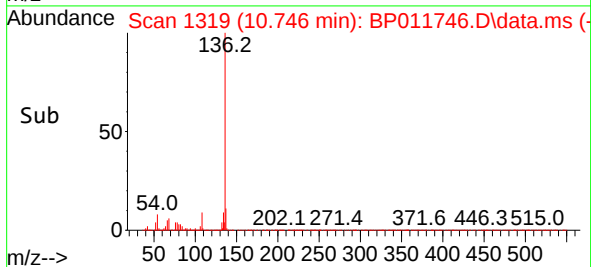
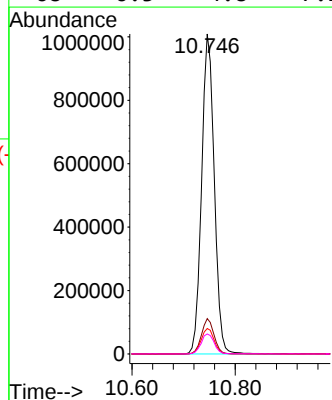
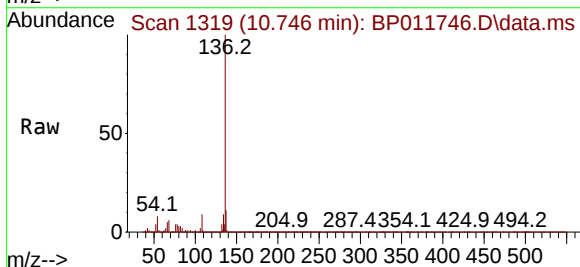
Instrument :
BNA_P
ClientSampleId :
SB-23-COMP

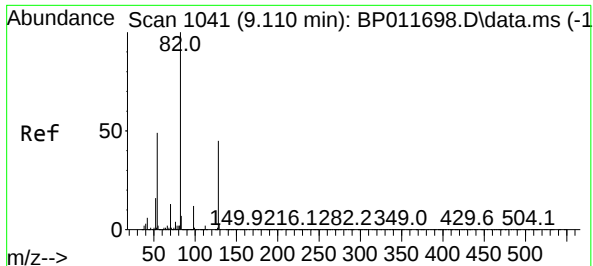
Tgt Ion: 99 Resp: 5239738
Ion Ratio Lower Upper
99 100
42 15.0 20.3 30.5#
71 29.9 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

Tgt Ion: 136 Resp: 1712214
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.9 8.7 13.1#
68 6.3 4.8 7.2

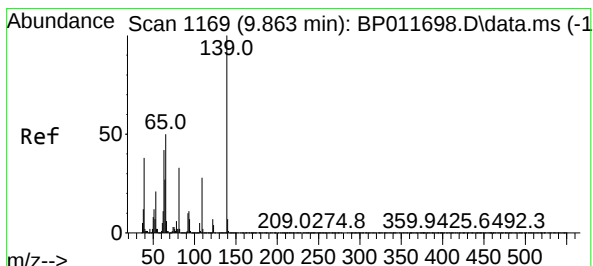
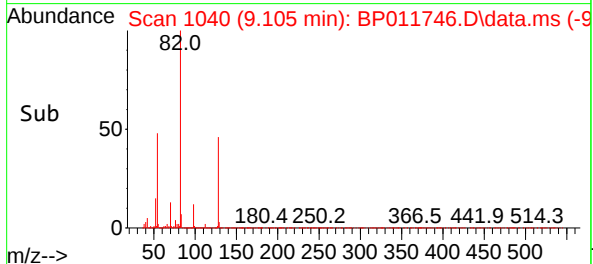
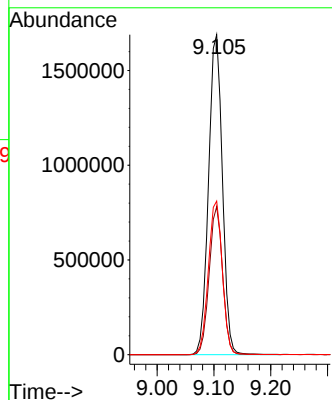
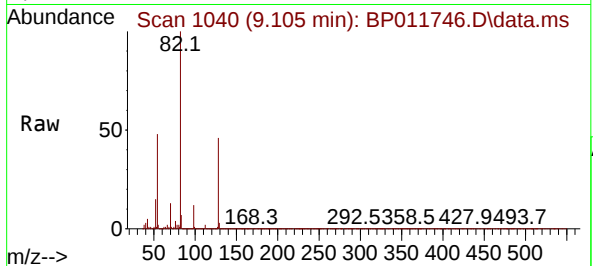




#23
Nitrobenzene-d5
Concen: 98.528 ng
RT: 9.105 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

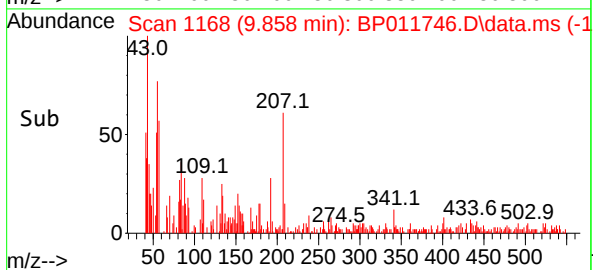
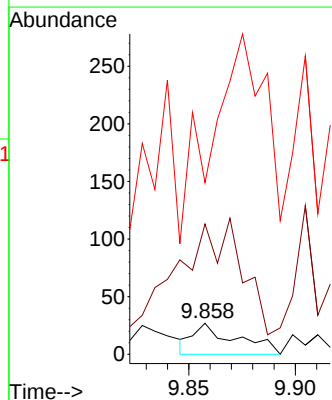
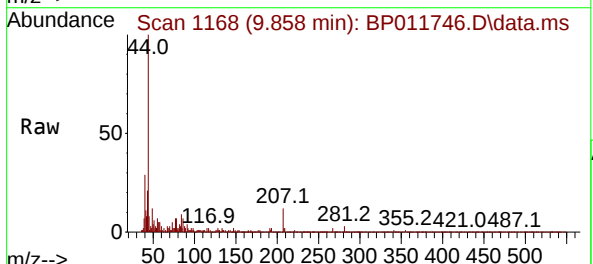
Instrument :
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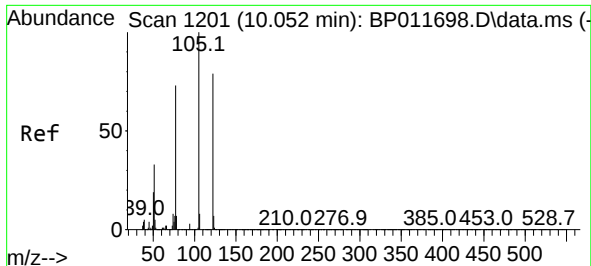
Tgt Ion: 82 Resp: 2844530
Ion Ratio Lower Upper
82 100
128 46.2 31.3 46.9
54 48.0 49.8 74.8#



#26
2-Nitrophenol
Concen: 3.569 ng
RT: 9.858 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

Tgt Ion:139 Resp: 38
Ion Ratio Lower Upper
139 100
109 418.5 30.2 45.4#
65 551.9 52.2 78.2#

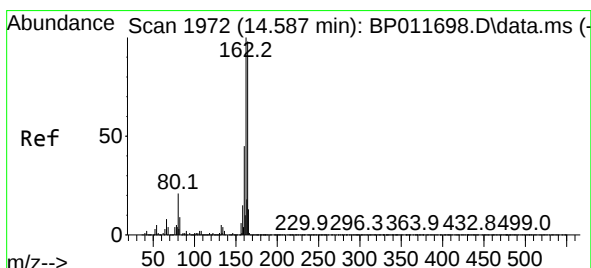
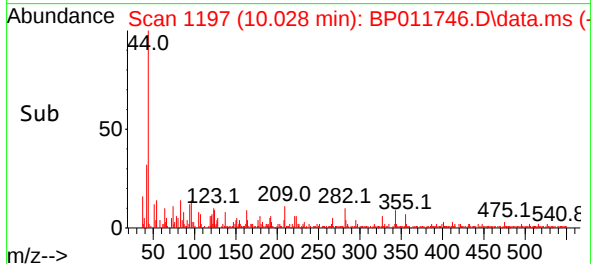
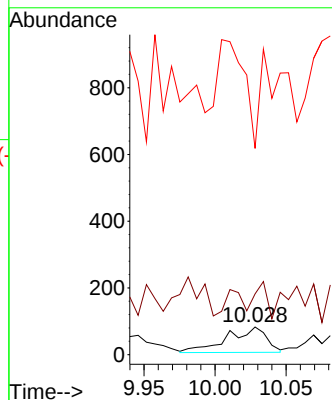
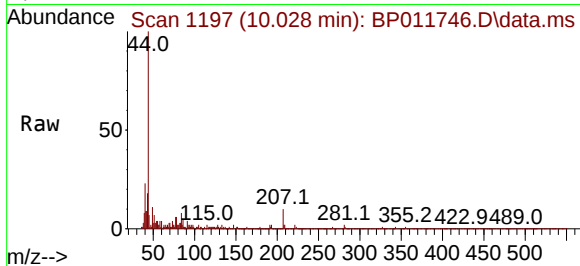




#32
Benzoic acid
Concen: 6.643 ng
RT: 10.028 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

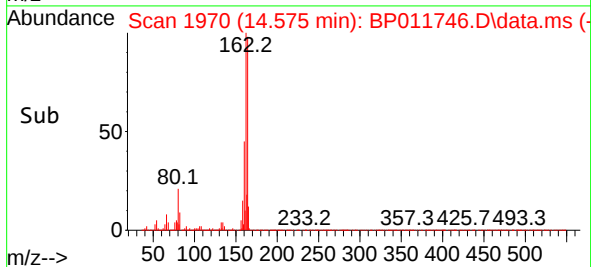
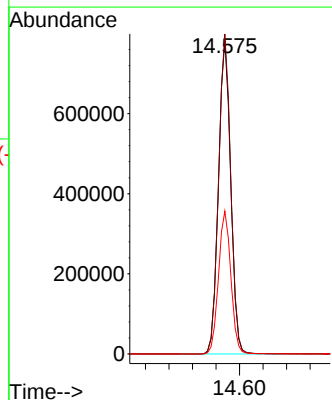
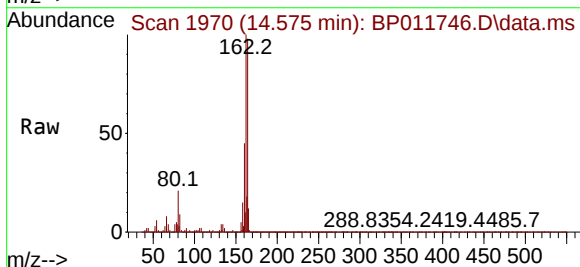
Instrument :
BNA_P
ClientSampleId :
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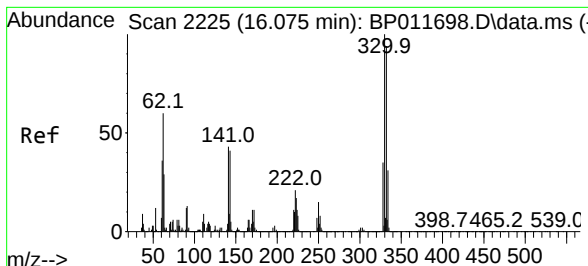
Tgt Ion:122 Resp: 147
Ion Ratio Lower Upper
122 100
105 219.3 112.6 152.6#
77 744.6 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

Tgt Ion:164 Resp: 1131335
Ion Ratio Lower Upper
164 100
162 102.0 81.9 122.9
160 45.6 34.6 51.8

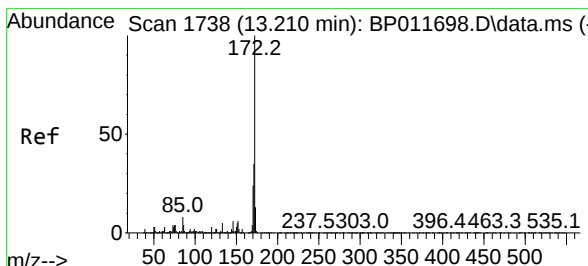
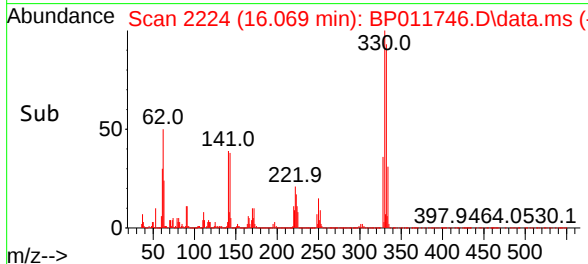
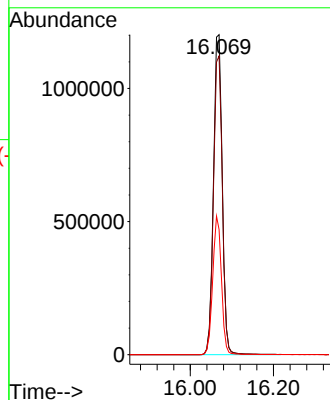
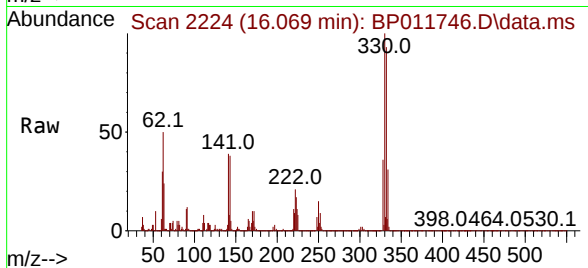




#42
2,4,6-Tribromophenol
Concen: 199.383 ng
RT: 16.069 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

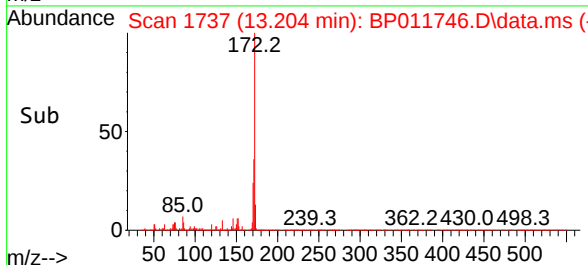
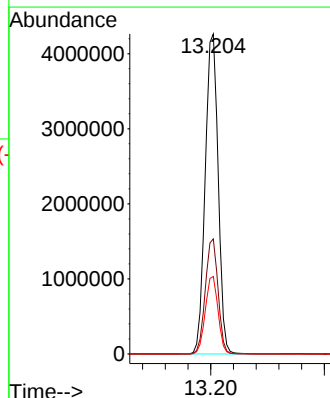
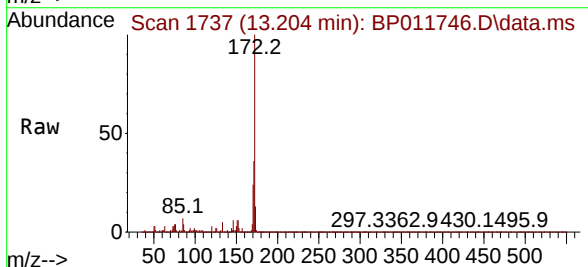
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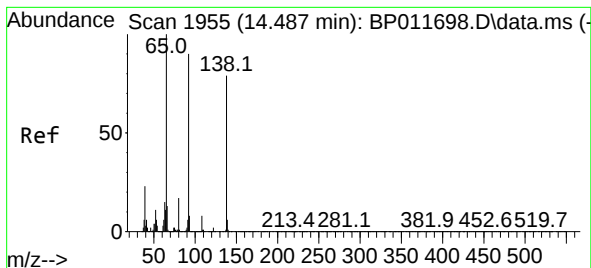
Tgt Ion:330 Resp: 1762452
Ion Ratio Lower Upper
330 100
332 94.4 78.1 117.1
141 43.0 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 92.350 ng
RT: 13.204 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

Tgt Ion:172 Resp: 6721322
Ion Ratio Lower Upper
172 100
171 36.0 27.9 41.9
170 24.2 18.2 27.2

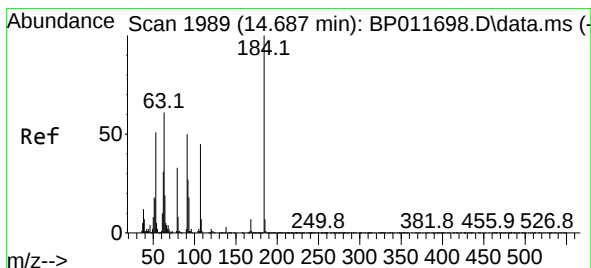
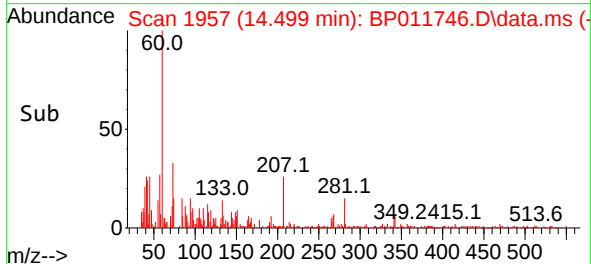
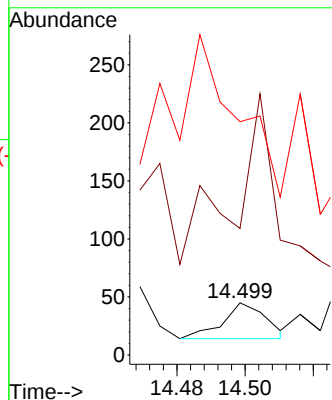
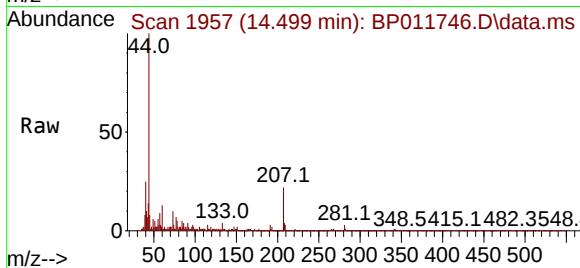




#53
3-Nitroaniline
Concen: 2.386 ng
RT: 14.499 min Scan# 1957
Delta R.T. 0.018 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

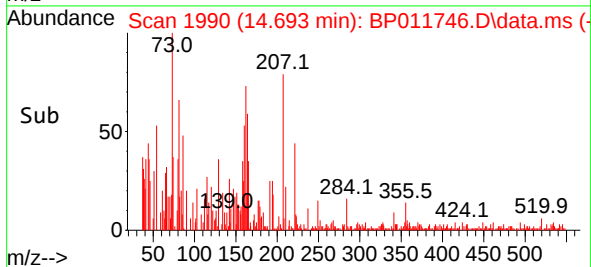
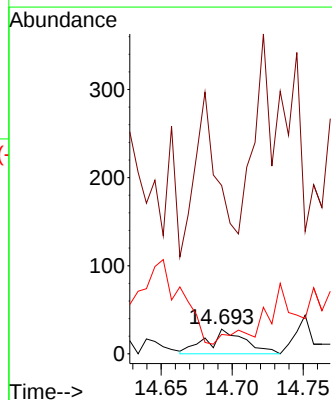
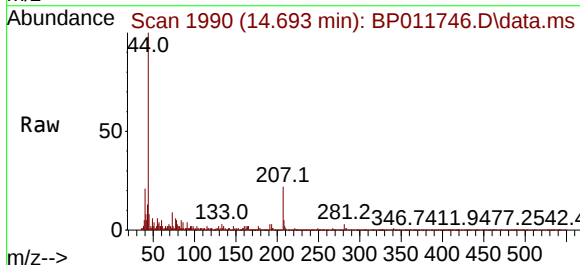
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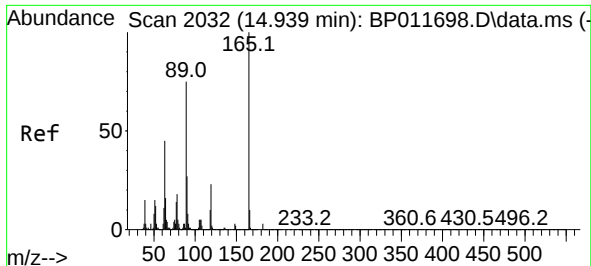
Tgt Ion:138 Resp: 28
Ion Ratio Lower Upper
138 100
108 242.2 9.5 14.3#
92 446.7 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.586 ng
RT: 14.693 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

Tgt Ion:184 Resp: 52
Ion Ratio Lower Upper
184 100
63 682.1 65.4 98.2#
154 78.6 55.4 83.2

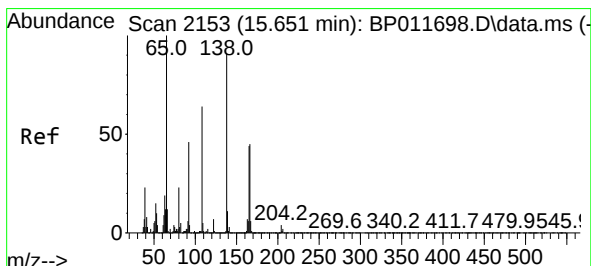
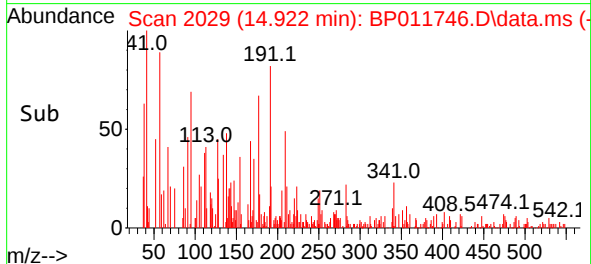
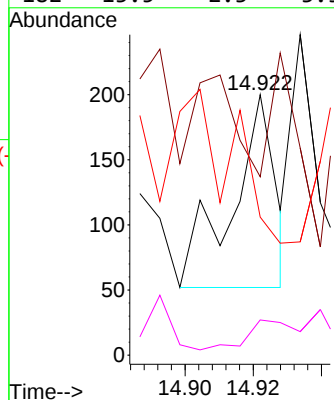
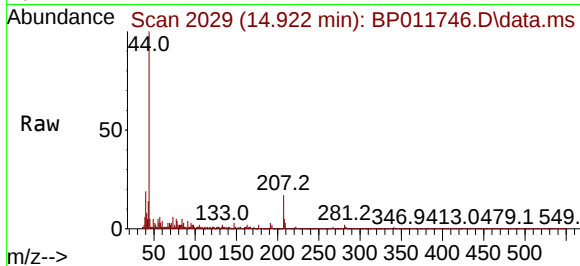




#57
2,4-Dinitrotoluene
Concen: 2.994 ng
RT: 14.922 min Scan# 2032
Delta R.T. -0.011 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

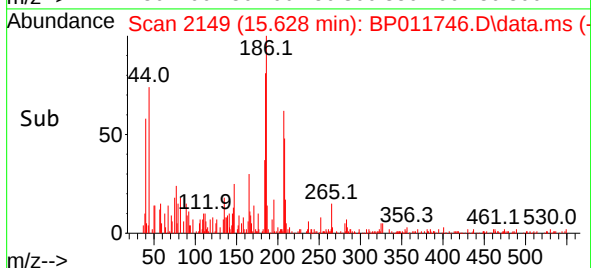
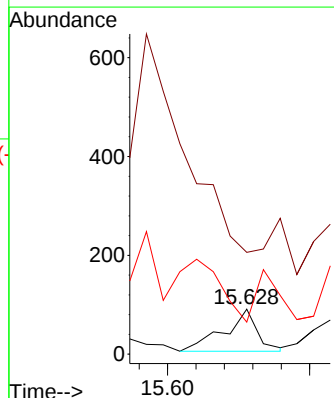
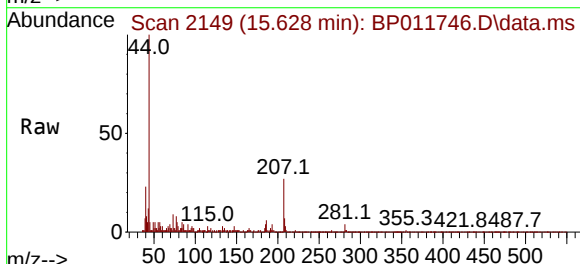
Instrument :
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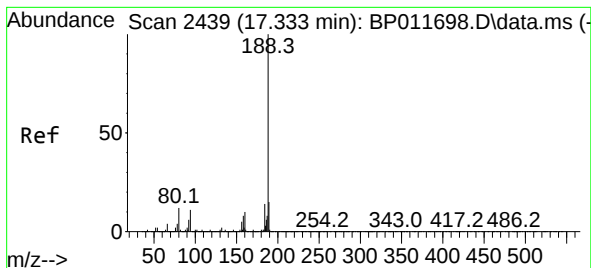
Tgt Ion:	165	Resp:	131
Ion	Ratio	Lower	Upper
165	100		
63	68.5	46.2	69.2
89	53.0	65.8	98.8#
182	13.5	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.731 ng
RT: 15.628 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BP011746.D
Acq: 19 Sep 2022 21:34

Tgt Ion:	138	Resp:	70
Ion	Ratio	Lower	Upper
138	100		
92	226.4	38.0	78.0#
108	71.4	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: BP011746.D

Acq: 19 Sep 2022 21:34

Instrument :

BNA_P

ClientSampleId :

SB-23-COMP

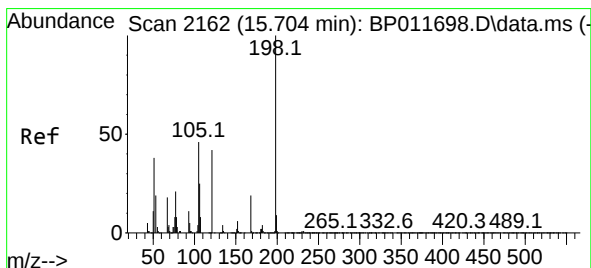
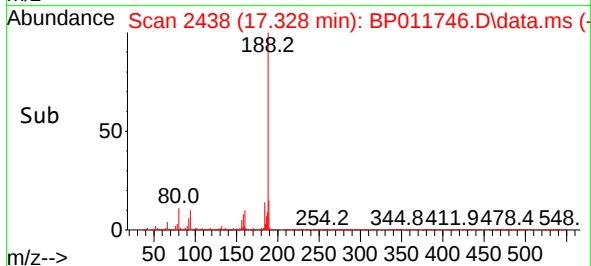
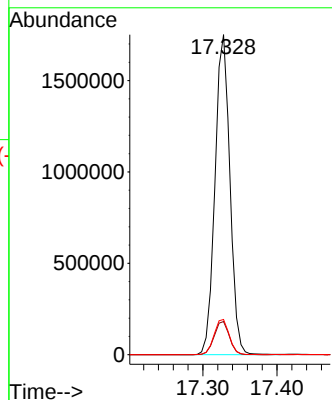
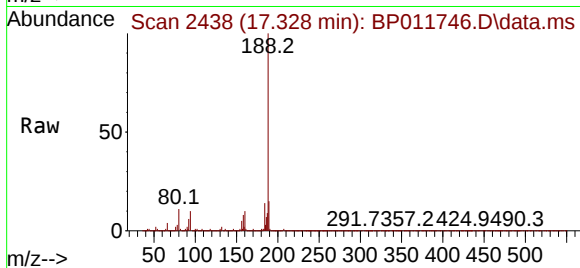
Tgt Ion:188 Resp: 2441631

Ion Ratio Lower Upper

188 100

94 10.4 6.6 10.0#

80 11.0 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.854 ng

RT: 15.693 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BP011746.D

Acq: 19 Sep 2022 21:34

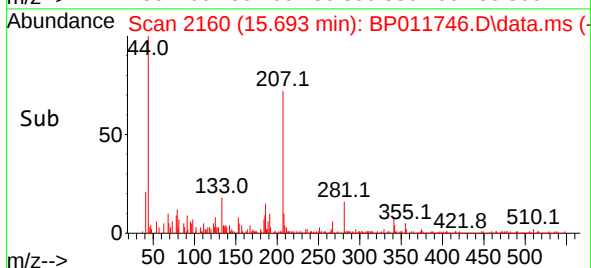
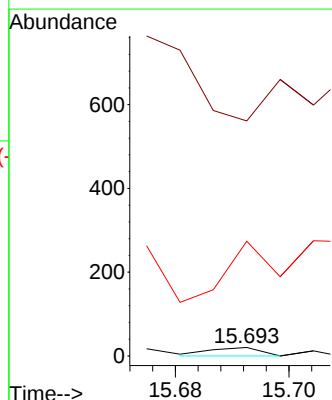
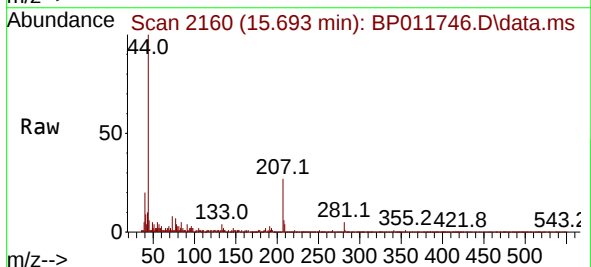
Tgt Ion:198 Resp: 12

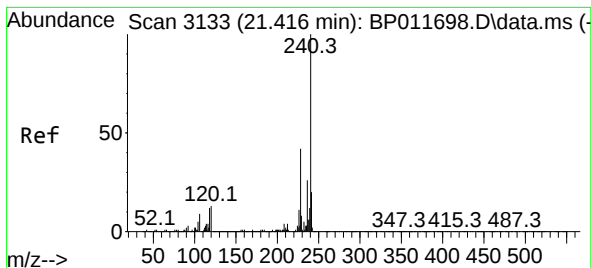
Ion Ratio Lower Upper

198 100

51 2805.0 41.2 81.2#

105 1370.0 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: BP011746.D

Acq: 19 Sep 2022 21:34

Instrument :

BNA_P

ClientSampleId :

SB-23-COMP

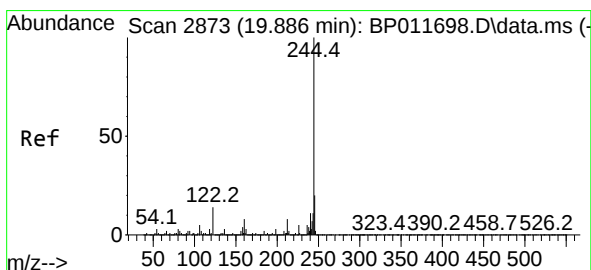
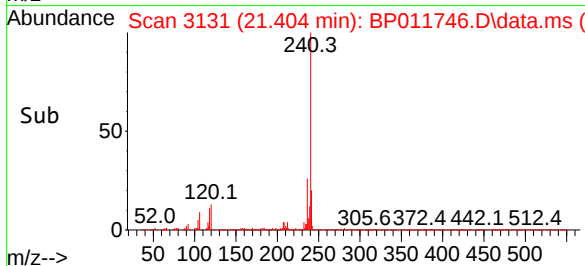
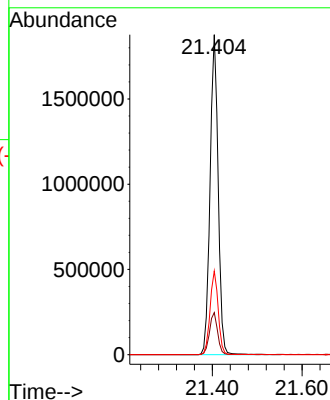
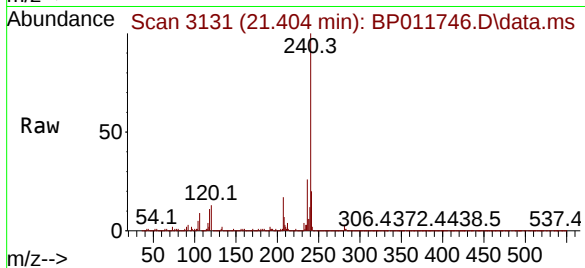
Tgt Ion:240 Resp: 2337389

Ion Ratio Lower Upper

240 100

120 13.1 8.6 12.8#

236 26.1 19.8 29.6



#79

Terphenyl-d14

Concen: 88.047 ng

RT: 19.881 min Scan# 2872

Delta R.T. 0.006 min

Lab File: BP011746.D

Acq: 19 Sep 2022 21:34

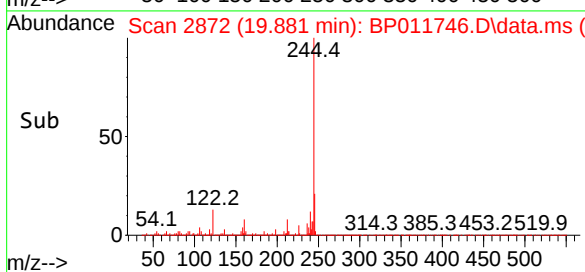
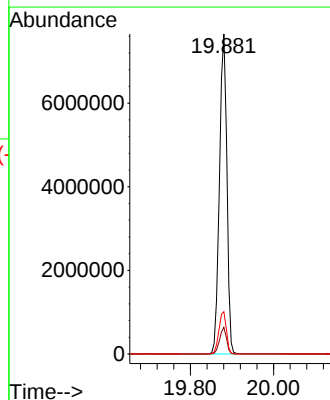
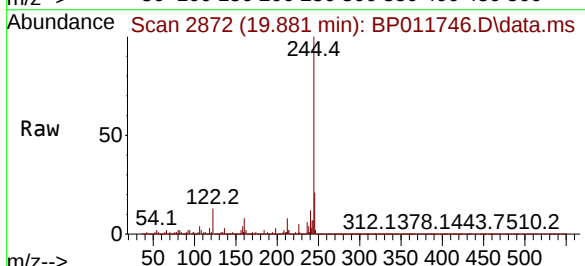
Tgt Ion:244 Resp: 9463878

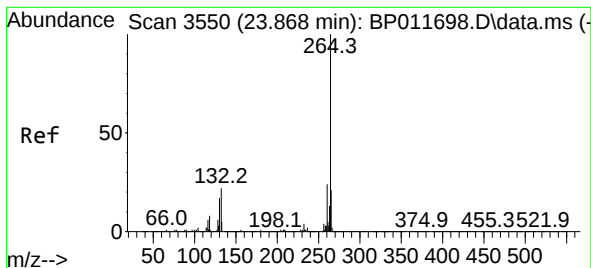
Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

122 13.2 7.6 11.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP011746.D

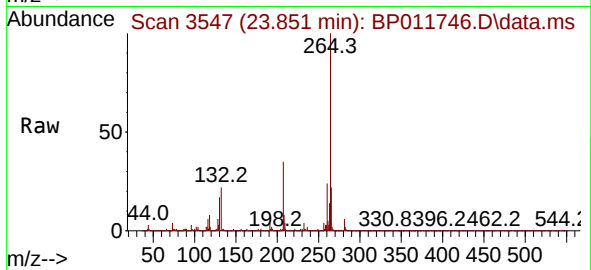
Acq: 19 Sep 2022 21:34

Instrument :

BNA_P

ClientSampleId :

SB-23-COMP



Tgt Ion:264 Resp: 2303133

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 22.2 18.0 27.0

