

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011750.D
 Acq On : 19 Sep 2022 23:53
 Operator : CG/JU
 Sample : N4684-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5486-2

Quant Time: Sep 20 04:52:51 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)

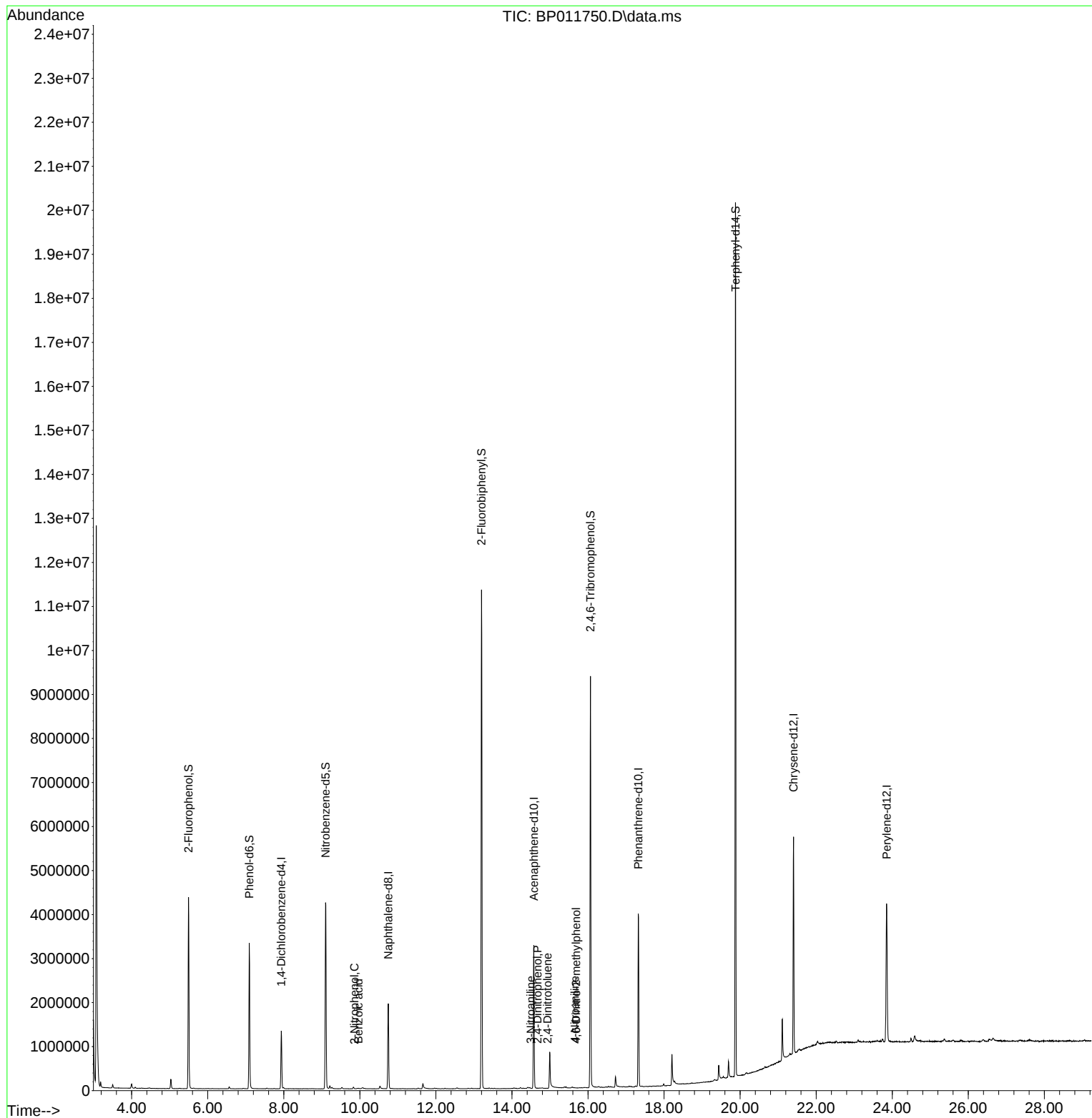
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	367459	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1651628	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1083557	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	2362919	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	2274851	20.000	ng	# 0.00
86) Perylene-d12	23.851	264	2229530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2001778	99.158	ng	0.00
7) Phenol-d6	7.093	99	1988673	73.900	ng	0.00
23) Nitrobenzene-d5	9.099	82	2481692	89.113	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1437682	169.814	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	5969731	85.640	ng	0.00
79) Terphenyl-d14	19.881	244	9385310	89.716	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.858	139	72	3.571	ng	# 1
32) Benzoic acid	9.963	122	7074	6.988	ng	90
53) 3-Nitroaniline	14.498	138	93	2.390	ng	# 1
54) 2,4-Dinitrophenol	14.669	184	48	6.585	ng	# 8
57) 2,4-Dinitrotoluene	14.934	165	170	2.995	ng	# 85
62) 4-Nitroaniline	15.651	138	85	2.732	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.687	198	10	5.854	ng	# 1

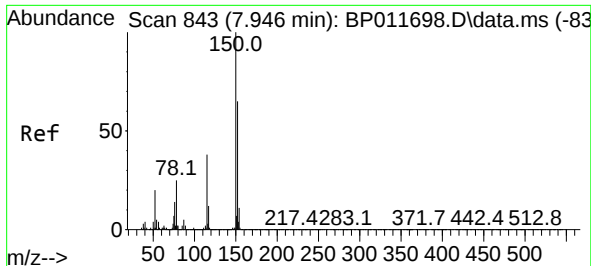
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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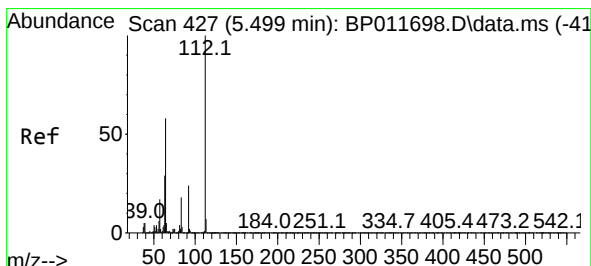
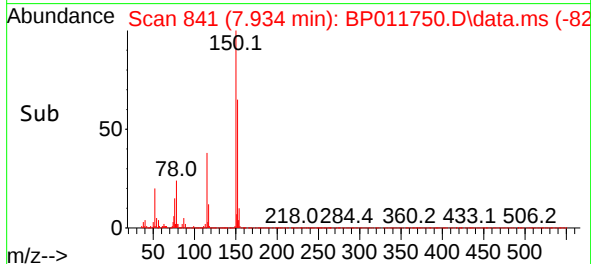
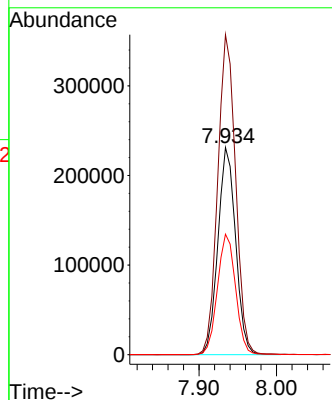
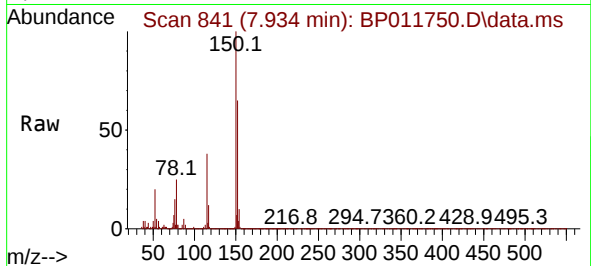




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

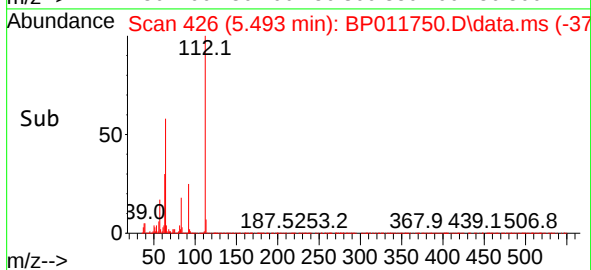
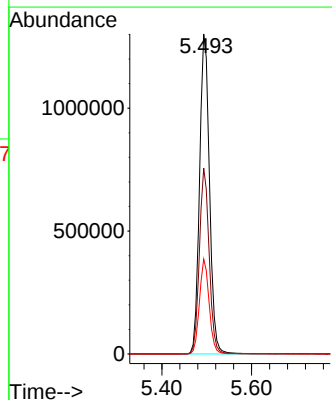
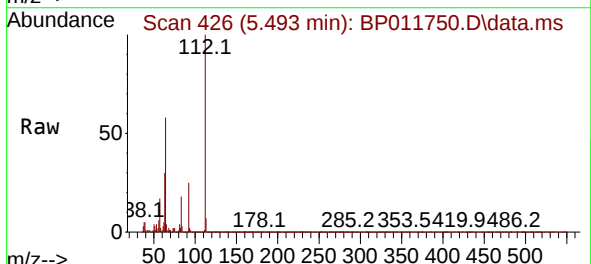
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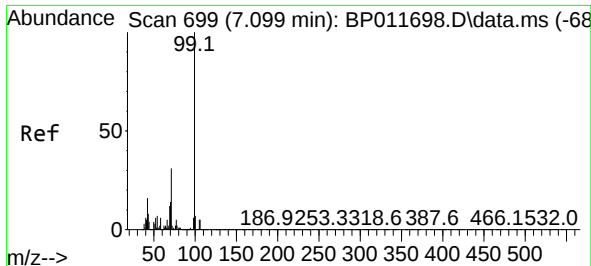
Tgt Ion:152 Resp: 367459
Ion Ratio Lower Upper
152 100
150 154.4 123.4 185.2
115 58.2 51.3 76.9



#5
2-Fluorophenol
Concen: 99.158 ng
RT: 5.493 min Scan# 426
Delta R.T. 0.000 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

Tgt Ion:112 Resp: 2001778
Ion Ratio Lower Upper
112 100
64 58.1 56.9 85.3
63 29.6 31.2 46.8#

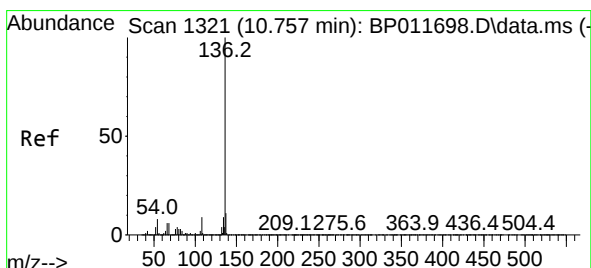
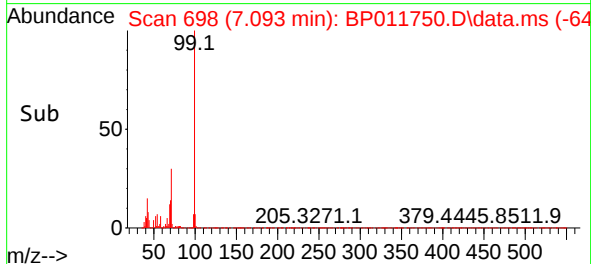
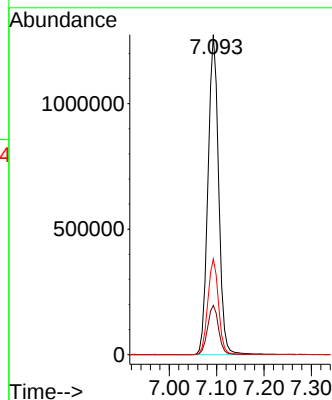
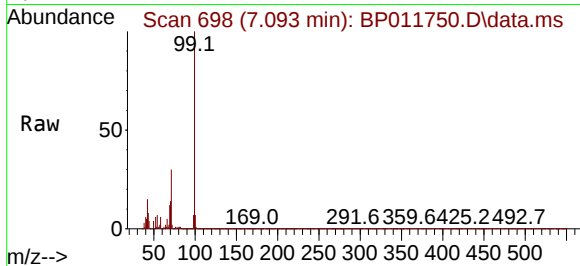




#7
Phenol-d6
Concen: 73.900 ng
RT: 7.093 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

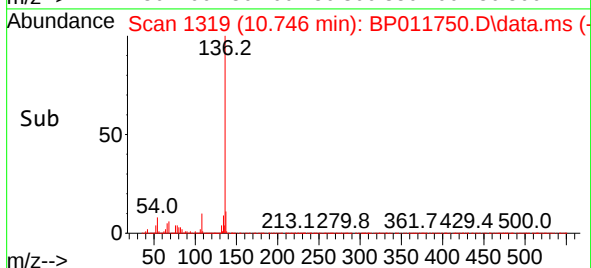
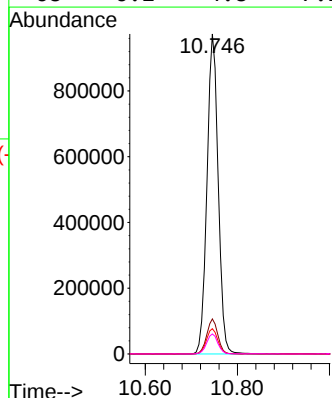
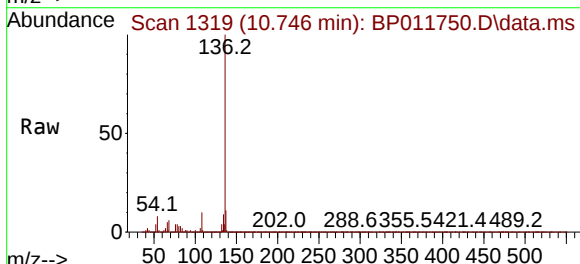
Instrument :
BNA_P
ClientSampleId :
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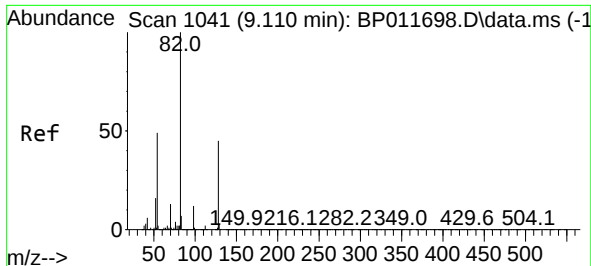
Tgt Ion: 99 Resp: 1988673
Ion Ratio Lower Upper
99 100
42 15.4 20.3 30.5#
71 29.9 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

Tgt Ion: 136 Resp: 1651628
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.9 8.7 13.1#
68 6.2 4.8 7.2

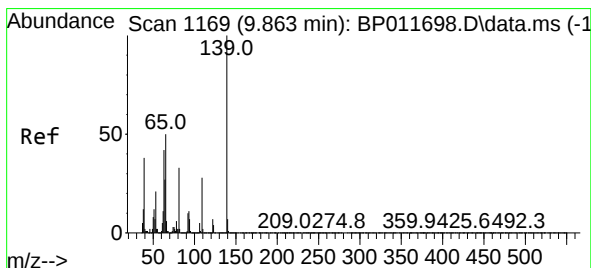
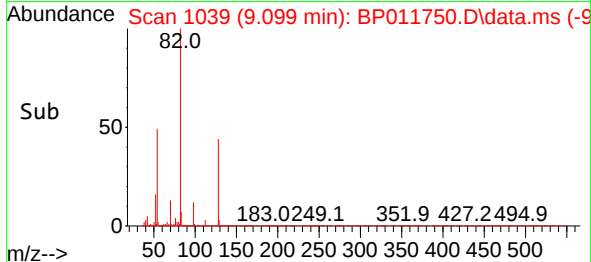
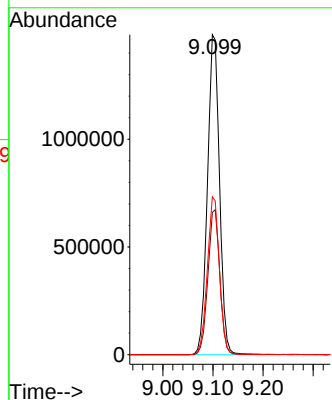
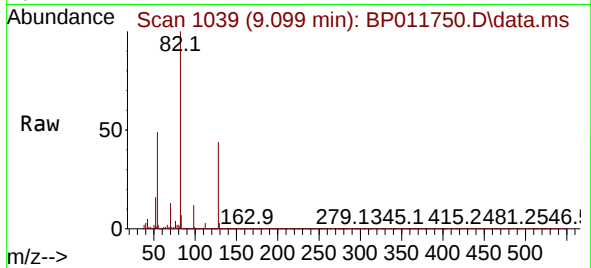




#23
Nitrobenzene-d5
Concen: 89.113 ng
RT: 9.099 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

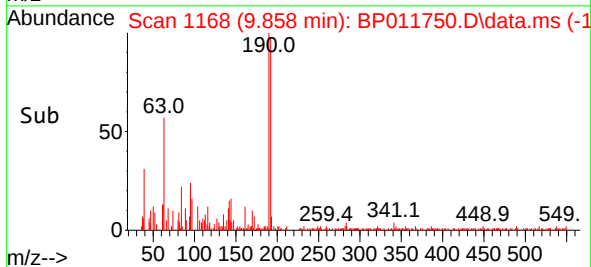
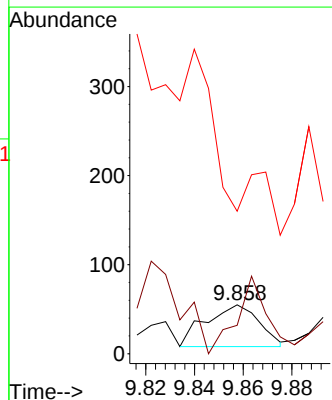
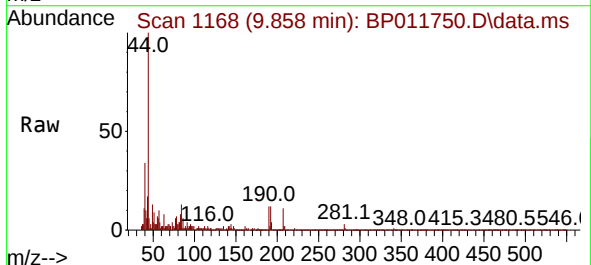
Instrument :
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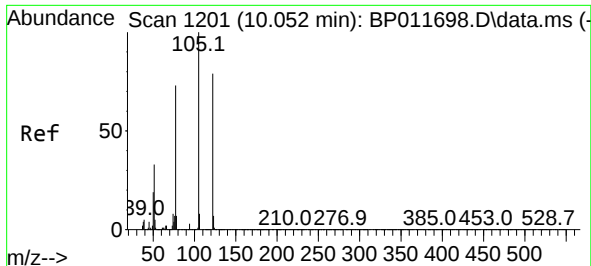
Tgt Ion: 82 Resp: 2481692
Ion Ratio Lower Upper
82 100
128 44.5 31.3 46.9
54 49.4 49.8 74.8#



#26
2-Nitrophenol
Concen: 3.571 ng
RT: 9.858 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

Tgt Ion: 139 Resp: 72
Ion Ratio Lower Upper
139 100
109 58.2 30.2 45.4#
65 290.9 52.2 78.2#

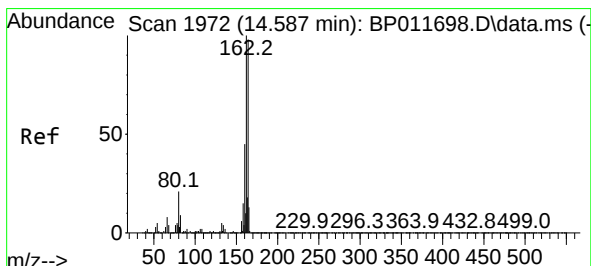
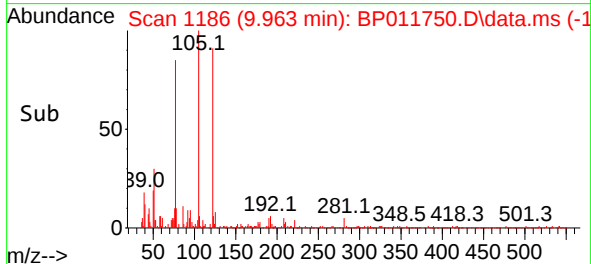
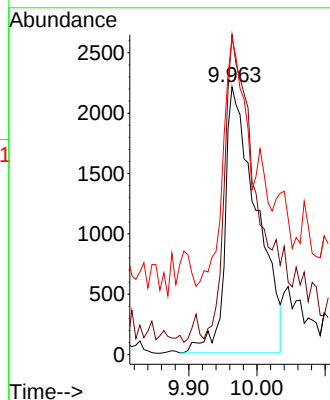
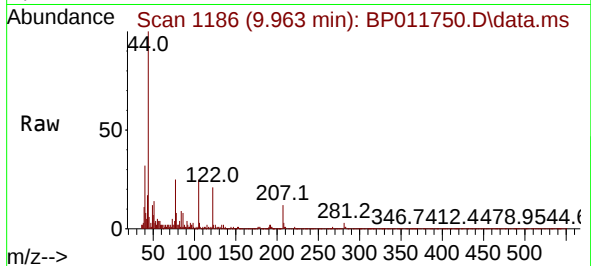




#32
Benzoic acid
Concen: 6.988 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.070 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

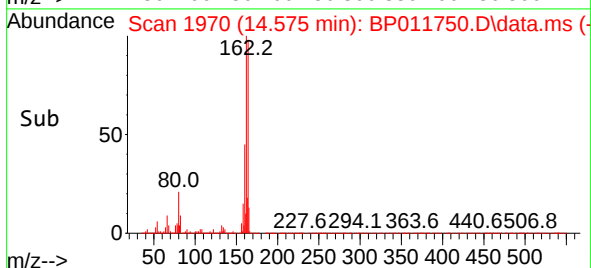
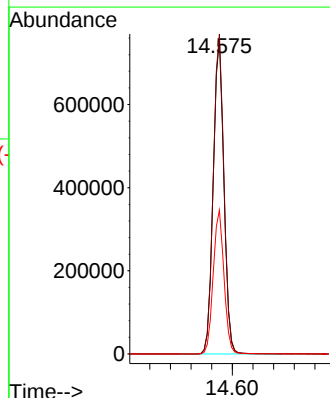
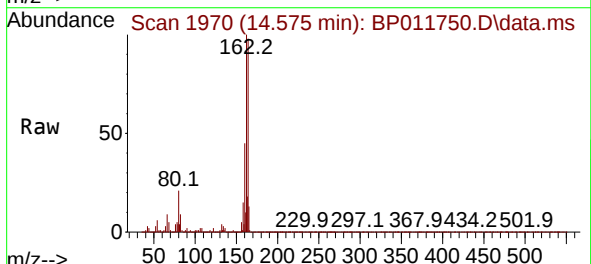
Instrument :
BNA_P
ClientSampleId :
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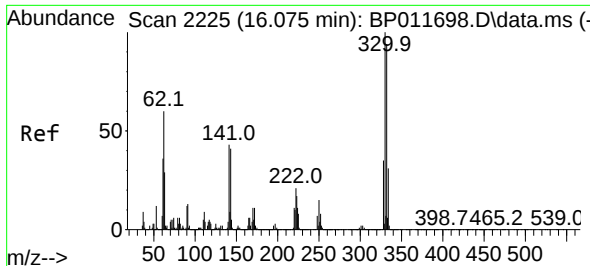
Tgt Ion:122 Resp: 7074
Ion Ratio Lower Upper
122 100
105 119.5 112.6 152.6
77 118.3 90.2 130.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

Tgt Ion:164 Resp: 1083557
Ion Ratio Lower Upper
164 100
162 101.8 81.9 122.9
160 45.8 34.6 51.8

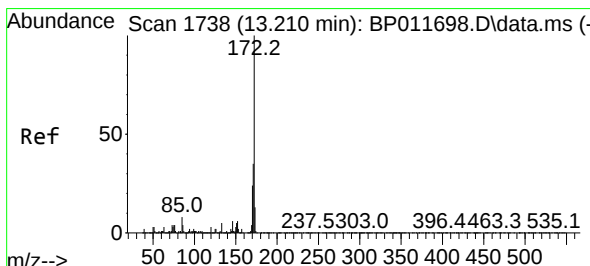
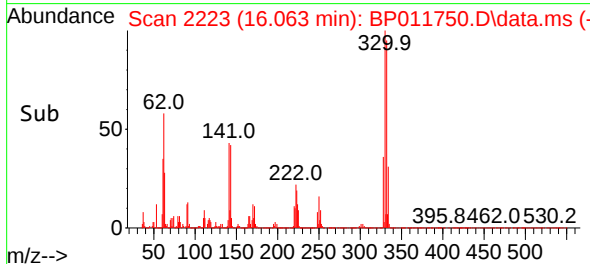
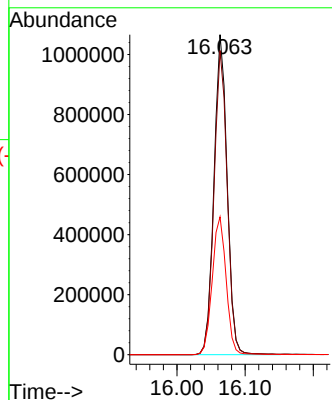
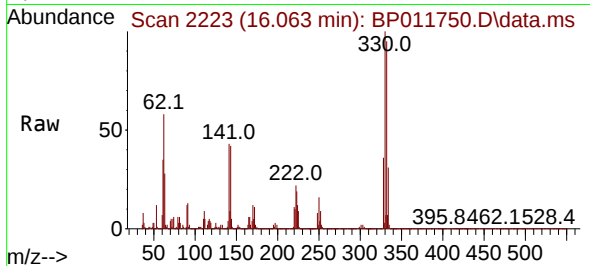




#42
2,4,6-Tribromophenol
Concen: 169.814 ng
RT: 16.063 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

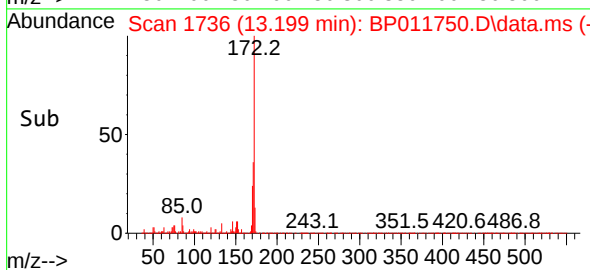
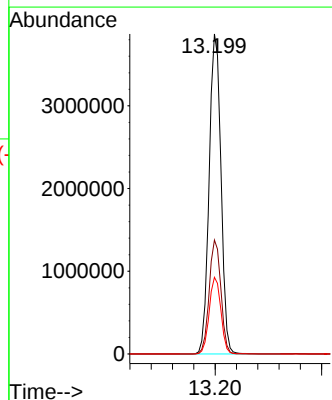
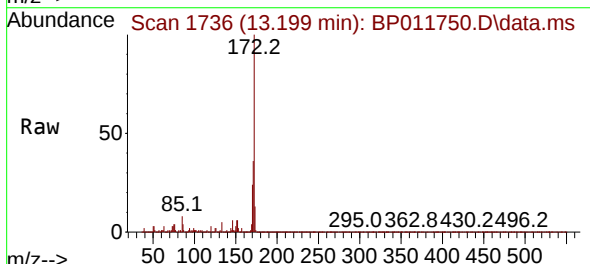
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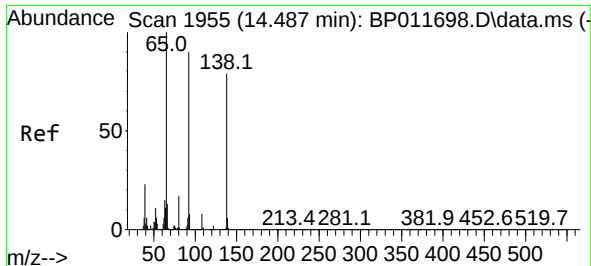
Tgt Ion:330 Resp: 1437682
Ion Ratio Lower Upper
330 100
332 95.5 78.1 117.1
141 45.4 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 85.640 ng
RT: 13.199 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

Tgt Ion:172 Resp: 5969731
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.0 18.2 27.2

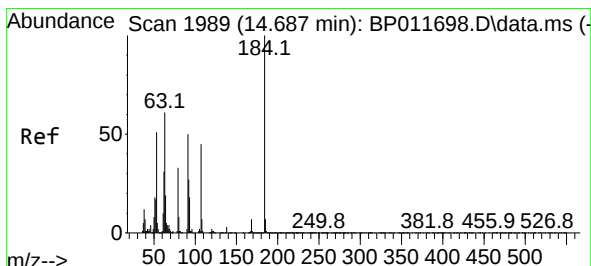
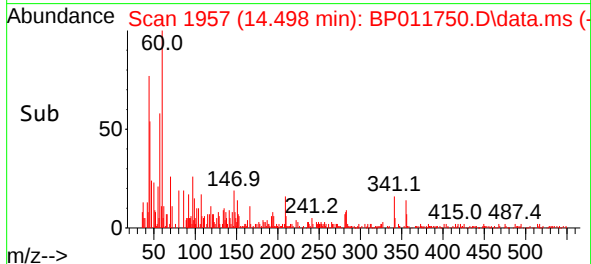
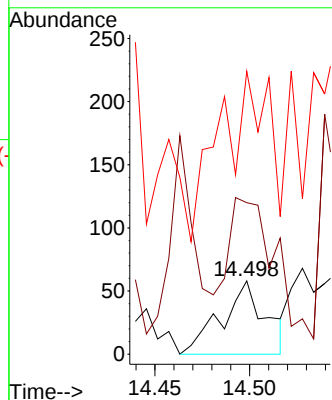
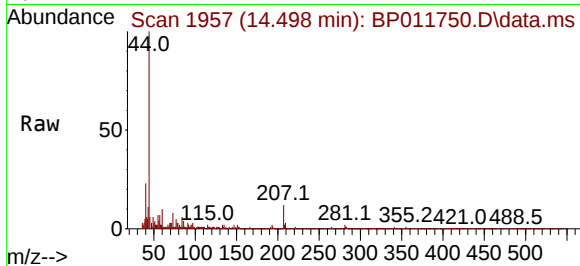




#53
3-Nitroaniline
Concen: 2.390 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.018 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

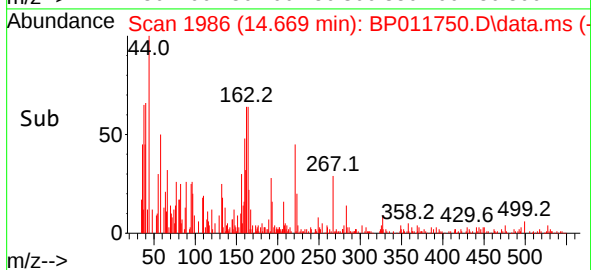
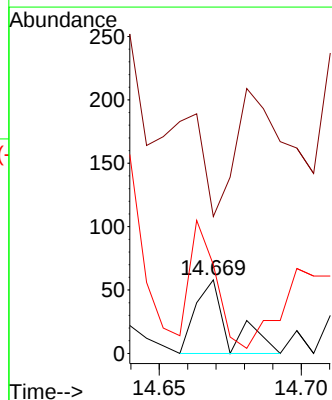
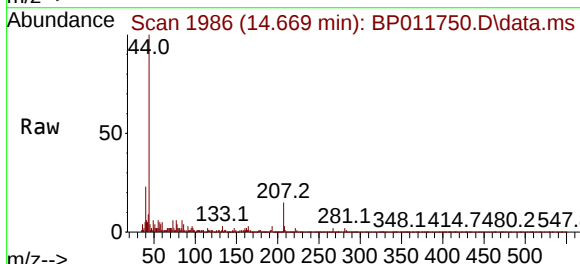
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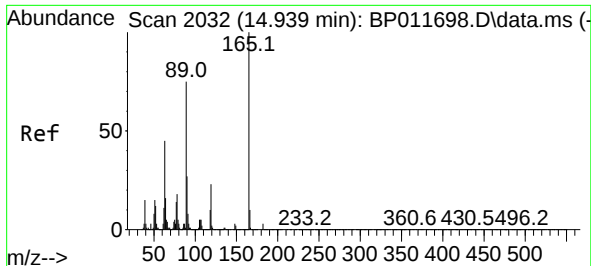
Tgt Ion:138 Resp: 93
Ion Ratio Lower Upper
138 100
108 206.9 9.5 14.3#
92 386.2 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 6.585 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

Tgt Ion:184 Resp: 48
Ion Ratio Lower Upper
184 100
63 186.2 65.4 98.2#
154 120.7 55.4 83.2#

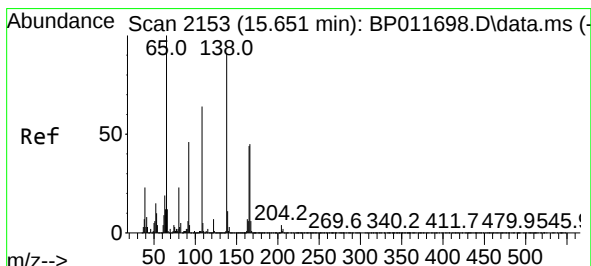
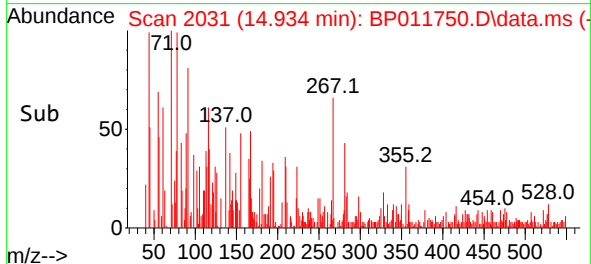
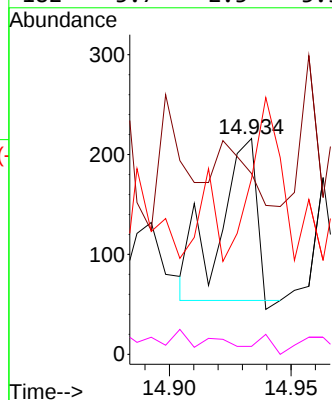
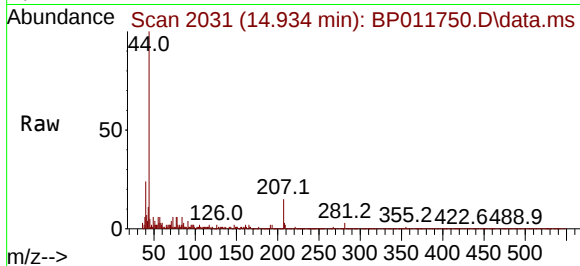




#57
2,4-Dinitrotoluene
Concen: 2.995 ng
RT: 14.934 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

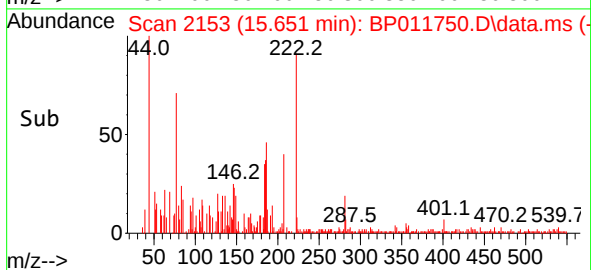
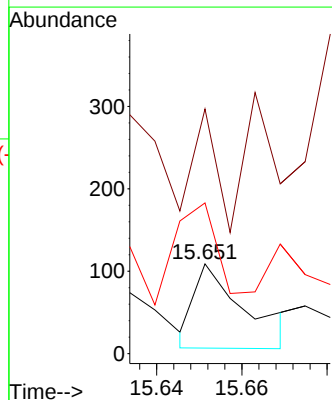
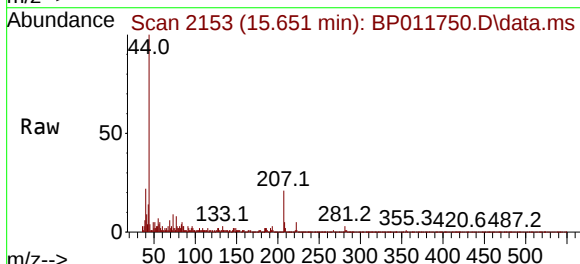
Instrument :
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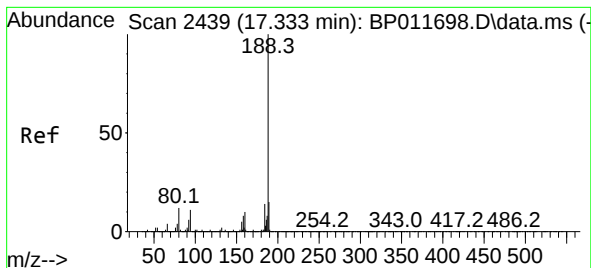
Tgt Ion:	165	Resp:	170
Ion Ratio	Lower	Upper	
165	100		
63	83.8	46.2	69.2#
89	81.5	65.8	98.8
182	3.7	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.732 ng
RT: 15.651 min Scan# 2153
Delta R.T. 0.012 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

Tgt Ion:	138	Resp:	85
Ion Ratio	Lower	Upper	
138	100		
92	272.5	38.0	78.0#
108	167.9	77.6	117.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.322 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP011750.D

Acq: 19 Sep 2022 23:53

Instrument :

BNA_P

ClientSampleId :

5486-2

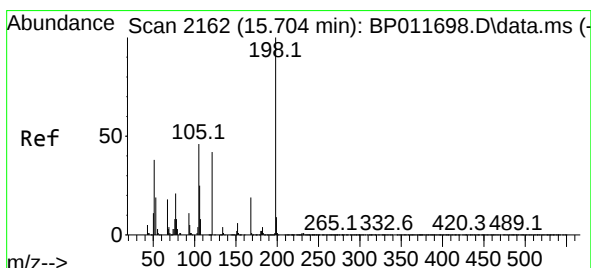
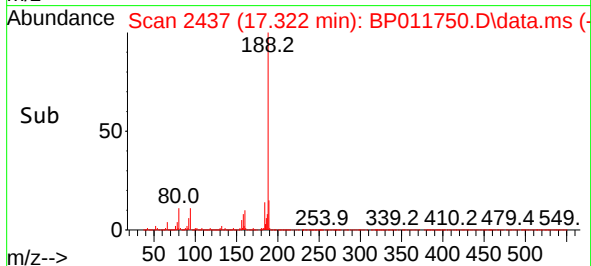
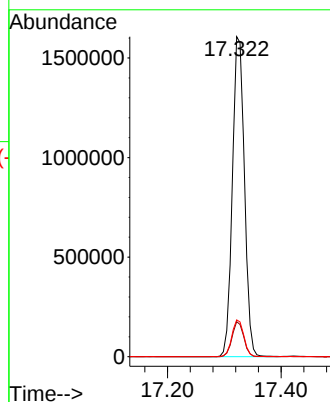
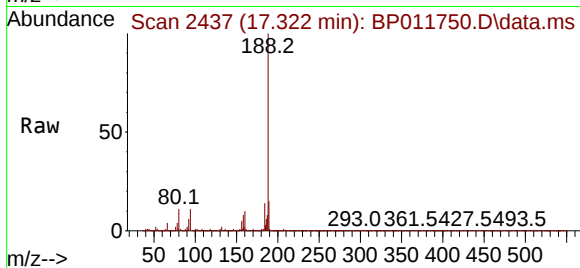
Tgt Ion:188 Resp: 2362919

Ion Ratio Lower Upper

188 100

94 10.9 6.6 10.0#

80 11.5 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.854 ng

RT: 15.687 min Scan# 2159

Delta R.T. -0.012 min

Lab File: BP011750.D

Acq: 19 Sep 2022 23:53

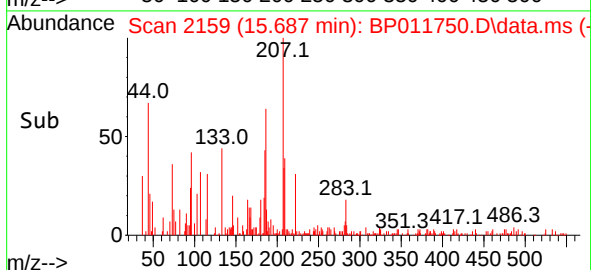
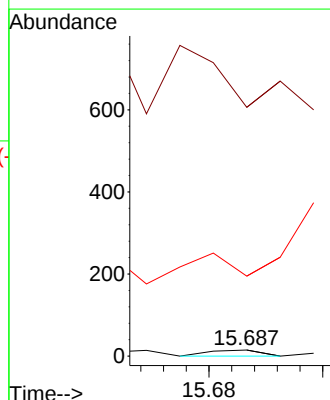
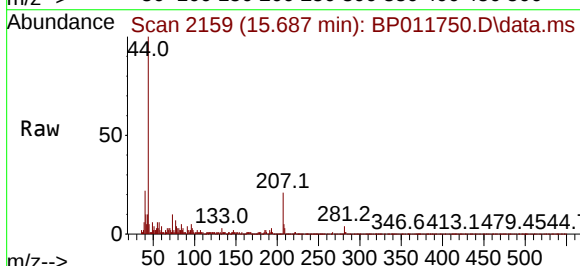
Tgt Ion:198 Resp: 10

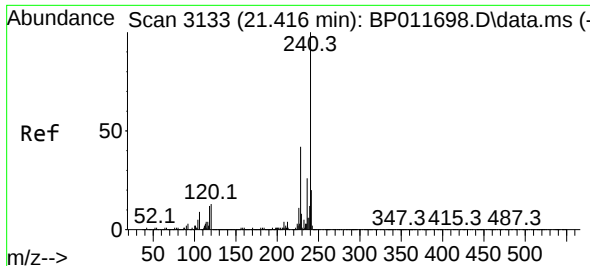
Ion Ratio Lower Upper

198 100

51 4040.0 41.2 81.2#

105 1300.0 25.3 65.3#

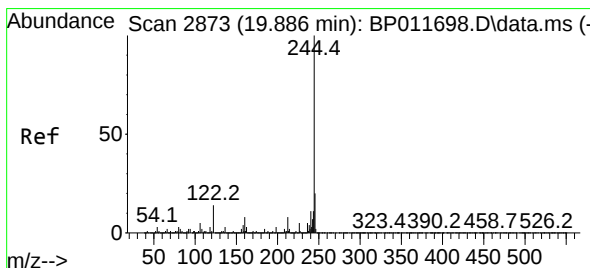
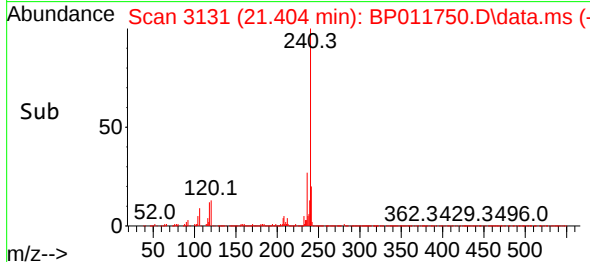
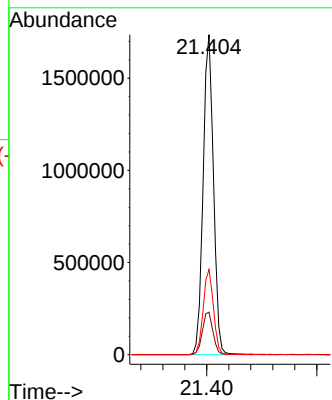
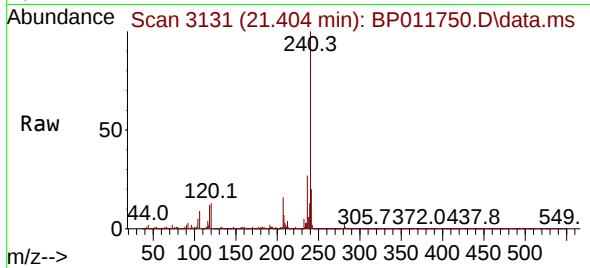




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

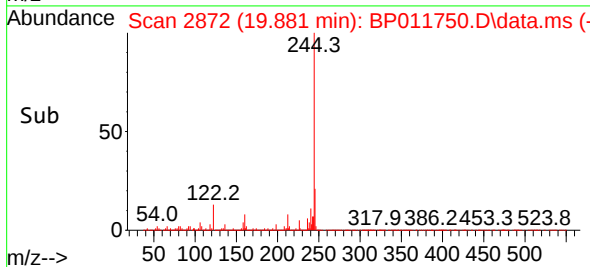
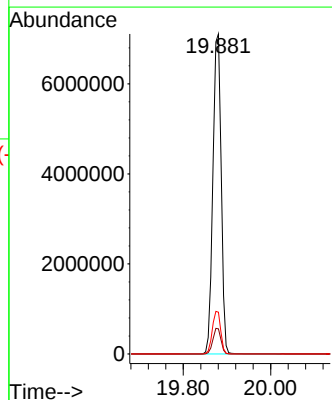
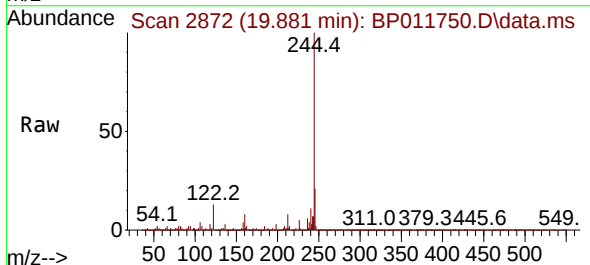
Instrument :
BNA_P
ClientSampleId :
5486-2

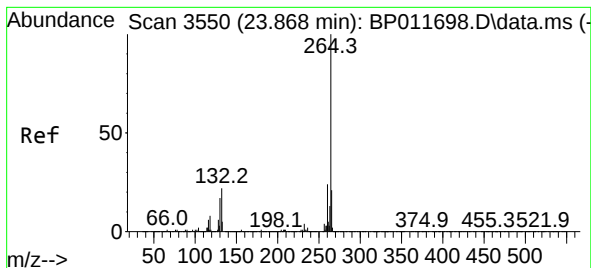
Tgt Ion:240 Resp: 2274851
Ion Ratio Lower Upper
240 100
120 13.3 8.6 12.8#
236 26.7 19.8 29.6



#79
Terphenyl-d14
Concen: 89.716 ng
RT: 19.881 min Scan# 2872
Delta R.T. 0.006 min
Lab File: BP011750.D
Acq: 19 Sep 2022 23:53

Tgt Ion:244 Resp: 9385310
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 13.1 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: BP011750.D

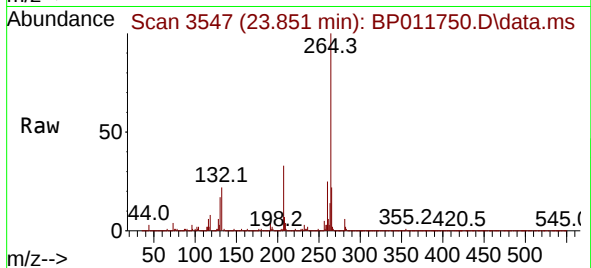
Acq: 19 Sep 2022 23:53

Instrument :

BNA_P

ClientSampleId :

5486-2



Tgt Ion:264 Resp: 2229530

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 22.0 18.0 27.0

