

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
 Data File : BP019648.D
 Acq On : 10 Feb 2024 00:06
 Operator : MA/JU
 Sample : P1411-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11929

Quant Time: Feb 10 00:55:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	77452	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	263849	20.000	ng	# 0.00
39) Acenaphthene-d10	14.569	164	187939	20.000	ng	# 0.02
64) Phenanthrene-d10	17.316	188	386855	20.000	ng	# 0.01
76) Chrysene-d12	21.392	240	414785	20.000	ng	0.00
86) Perylene-d12	23.810	264	487297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	629908	131.096	ng	0.00
7) Phenol-d6	7.081	99	824066	127.194	ng	0.00
23) Nitrobenzene-d5	9.081	82	634097	104.137	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	349055	127.205	ng	0.02
45) 2-Fluorobiphenyl	13.193	172	1215583	79.959	ng	0.01
79) Terphenyl-d14	19.869	244	2335013	92.579	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.052	77	18147	3.995	ng	# 1
17) 2-Methylphenol	8.369	107	13124	3.019	ng	# 2
18) Hexachloroethane	9.016	117	228711	96.484	ng	# 1
19) n-Nitroso-di-n-propyla...	8.669	70	73606	16.633	ng	# 62
22) Acetophenone	8.711	105	16451	2.189	ng	# 2
24) Nitrobenzene	9.099	77	74021	12.074	ng	# 43
25) Isophorone	9.628	82	265452	25.032	ng	# 1
26) 2-Nitrophenol	9.834	139	25998	11.122	ng	# 1
27) 2,4-Dimethylphenol	9.922	122	33042	11.054	ng	# 7
28) bis(2-Chloroethoxy)met...	10.158	93	22615	3.769	ng	# 1
29) 2,4-Dichlorophenol	10.369	162	20887	4.623	ng	# 42
31) Naphthalene	10.769	128	256584	17.731	ng	# 38
32) Benzoic acid	10.028	122	6459	2.218	ng	# 1
33) 4-Chloroaniline	10.905	127	29610	5.533	ng	# 1
35) Caprolactam	11.657	113	25537	19.964	ng	# 1
36) 4-Chloro-3-methylphenol	12.010	107	36433	7.395	ng	# 32
37) 2-Methylnaphthalene	12.622	142	5089831	508.242	ng	98
38) 1-Methylnaphthalene	12.622	142	5093261	517.533	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	14335	3.266	ng	# 17
44) 2,4,5-Trichlorophenol	13.028	196	11828	2.454	ng	# 1
46) 1,1'-Biphenyl	13.399	154	56122	3.741	ng	# 63
47) 2-Chloronaphthalene	13.410	162	39659	3.221	ng	# 61
48) 2-Nitroaniline	13.675	65	35798	10.397	ng	# 1
49) Acenaphthylene	14.298	152	231001	13.372	ng	# 1
50) Dimethylphthalate	13.987	163	118034	8.204	ng	# 1
51) 2,6-Dinitrotoluene	14.181	165	19758	6.251	ng	# 73
52) Acenaphthene	14.634	154	290800	27.122	ng	# 87
53) 3-Nitroaniline	14.475	138	31193	10.738	ng	# 46
54) 2,4-Dinitrophenol	14.687	184	5923	3.609	ng	# 1
55) Dibenzofuran	14.969	168	481011	27.545	ng	# 10
56) 4-Nitrophenol	14.787	139	326488	137.122	ng	# 52
57) 2,4-Dinitrotoluene	14.934	165	125818	30.374	ng	# 57
58) Fluorene	15.622	166	600557	43.179	ng	# 85
61) 4-Chlorophenyl-phenyle...	15.640	204	17482	2.236	ng	# 1
63) Azobenzene	15.904	77	105865	7.650	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.663	198	13076	5.928	ng	# 1

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

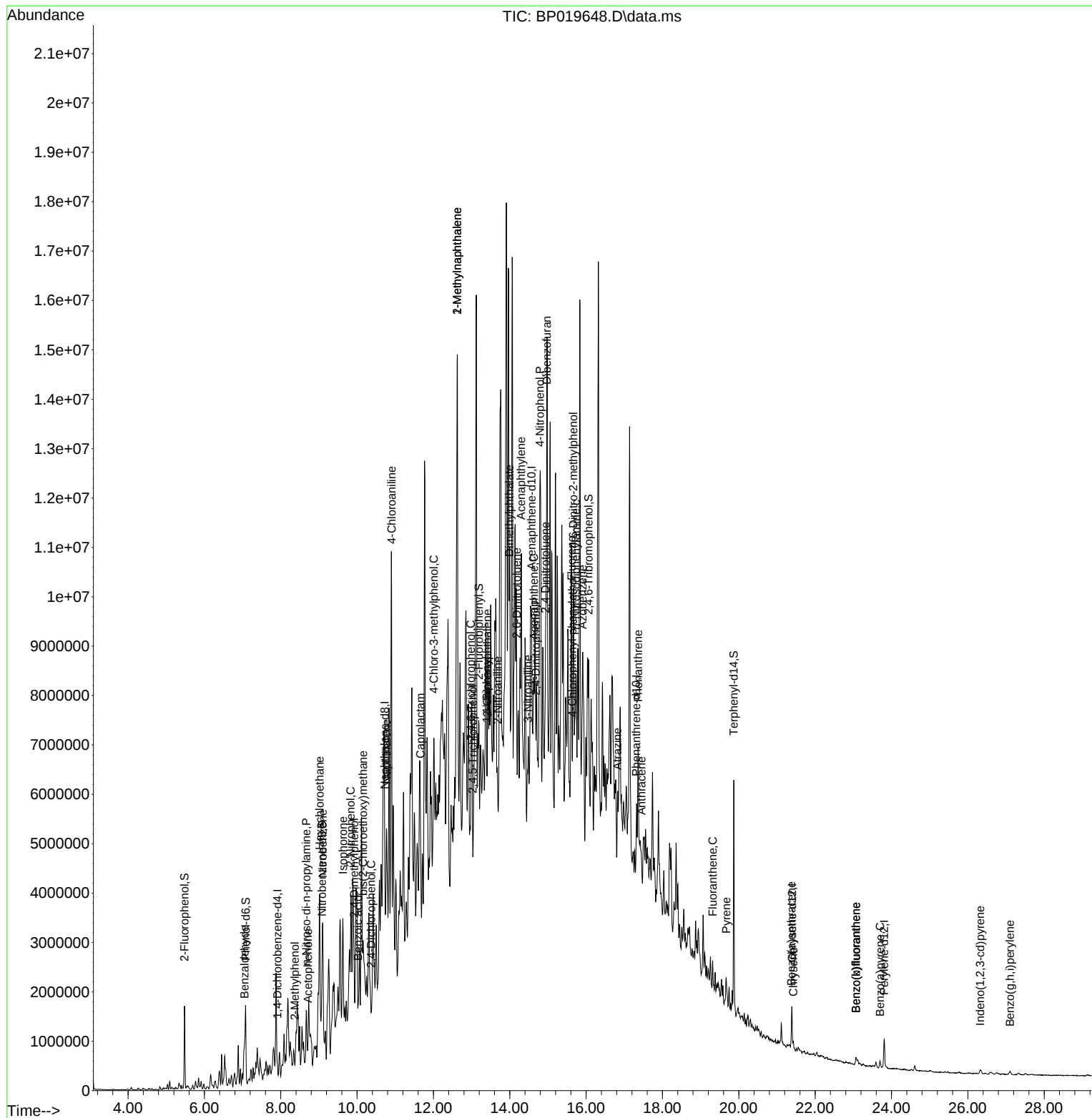
66) n-Nitrosodiphenylamine	15.734	169	282391	24.374	ng	93
69) Atrazine	16.816	200	9863	2.565	ng #	1
71) Phenanthrene	17.363	178	1373859	67.482	ng #	94
72) Anthracene	17.451	178	273471	13.465	ng #	78
75) Fluoranthene	19.316	202	187154	7.525	ng	85
78) Pyrene	19.669	202	302378	10.329	ng #	94
81) Benzo(a)anthracene	21.375	228	91011	3.117	ng #	83
83) Chrysene	21.428	228	96445	3.479	ng #	85
87) Indeno(1,2,3-cd)pyrene	26.321	276	94669	2.538	ng	97
88) Benzo(b)fluoranthene	23.069	252	148383	4.831	ng #	92
89) Benzo(k)fluoranthene	23.069	252	148383	5.058	ng #	92
90) Benzo(a)pyrene	23.698	252	112567	4.119	ng #	93
92) Benzo(g,h,i)perylene	27.104	276	94047	3.022	ng	98

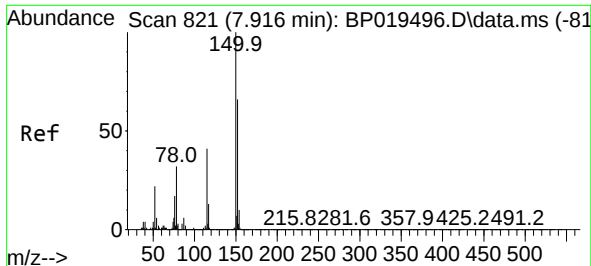
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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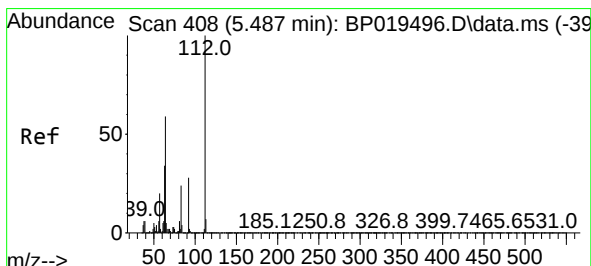
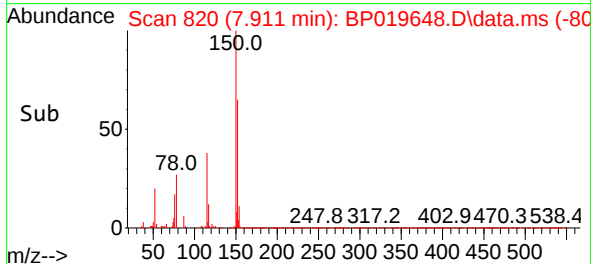
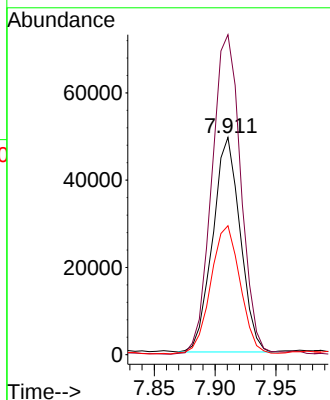
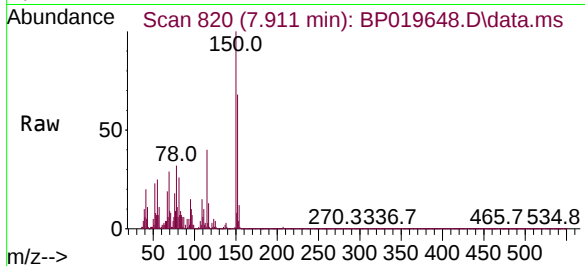




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

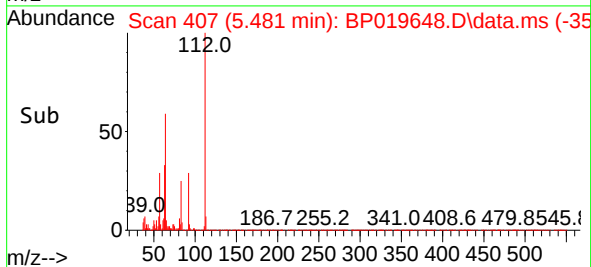
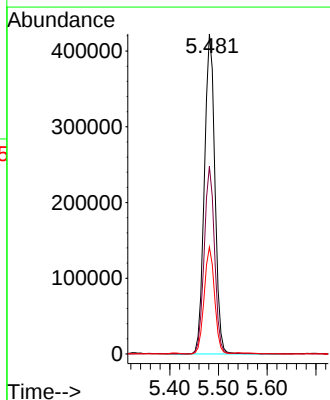
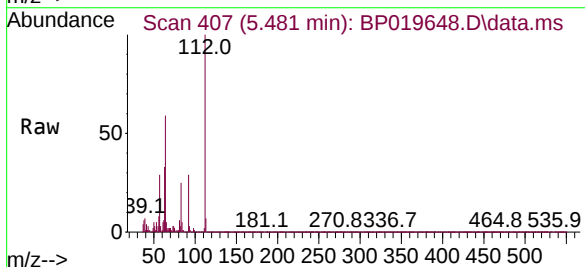
Instrument :
BNA_P
ClientSampleId :
72-11929

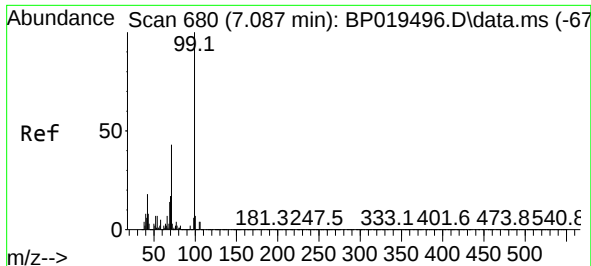
Tgt Ion:152 Resp: 77452
Ion Ratio Lower Upper
152 100
150 147.3 121.8 182.8
115 59.4 49.9 74.9



#5
2-Fluorophenol
Concen: 131.096 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.005 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:112 Resp: 629908
Ion Ratio Lower Upper
112 100
64 58.6 47.4 71.0
63 33.4 27.0 40.6

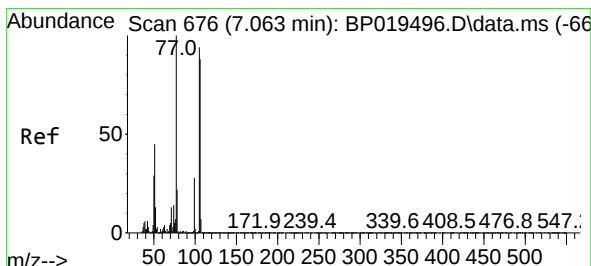
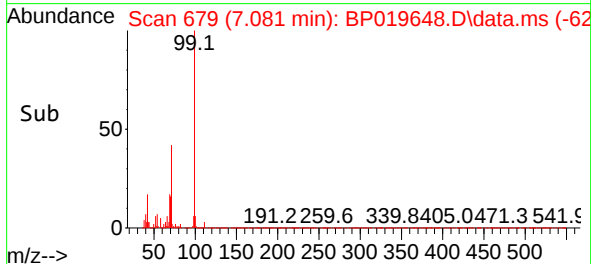
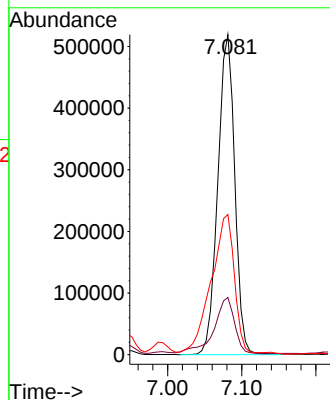
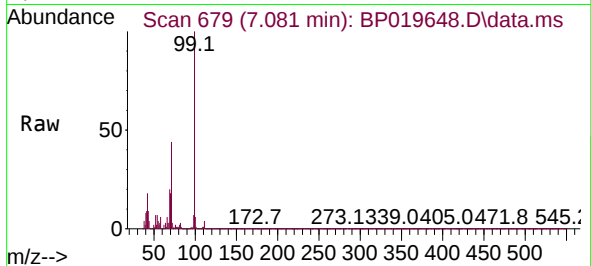




#7
Phenol-d6
Concen: 127.194 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

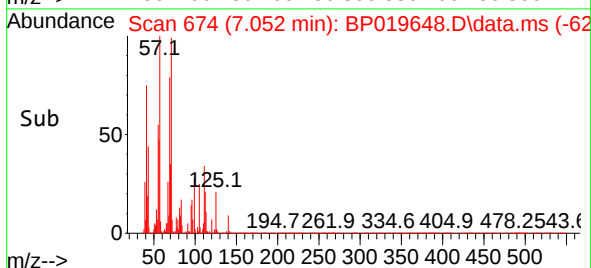
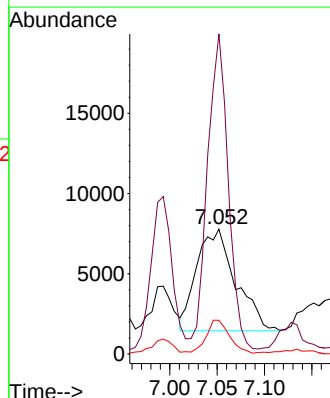
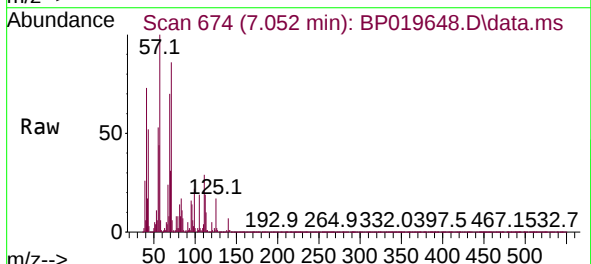
Instrument :
BNA_P
ClientSampleId :
72-11929

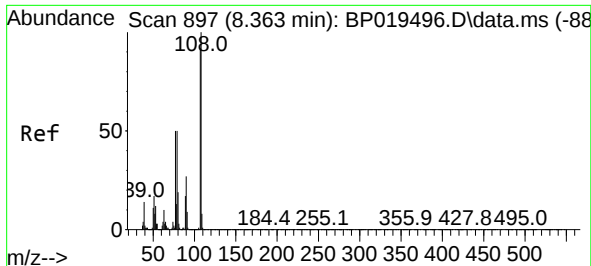
Tgt Ion: 99 Resp: 824066
Ion Ratio Lower Upper
99 100
42 17.9 14.7 22.1
71 43.8 34.8 52.2



#9
Benzaldehyde
Concen: 3.995 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.011 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion: 77 Resp: 18147
Ion Ratio Lower Upper
77 100
105 256.3 74.0 114.0#
106 26.9 67.8 107.8#

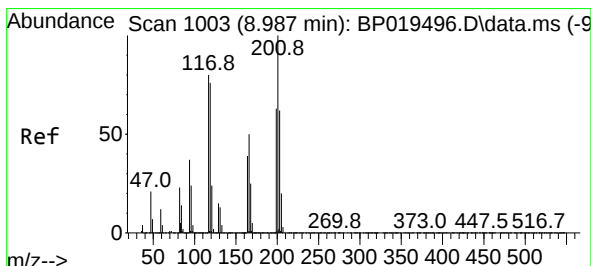
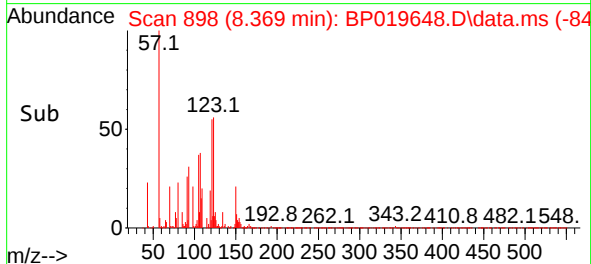
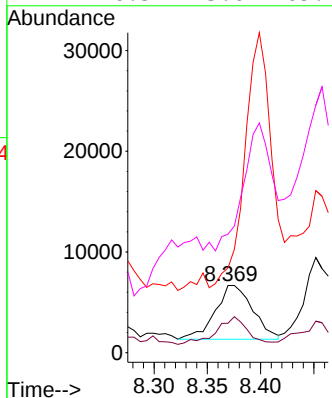
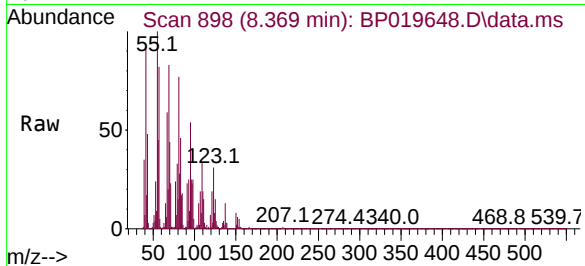




#17
2-Methylphenol
Concen: 3.019 ng
RT: 8.369 min Scan# 897
Delta R.T. 0.006 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

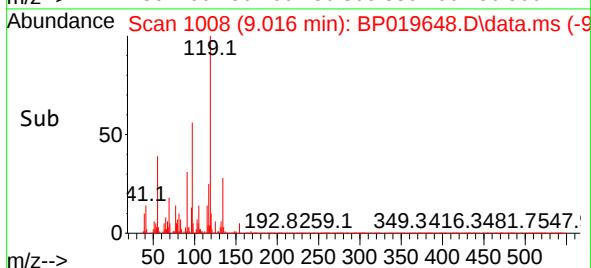
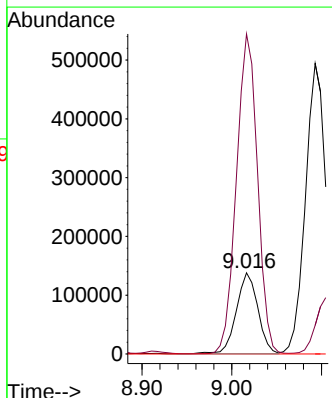
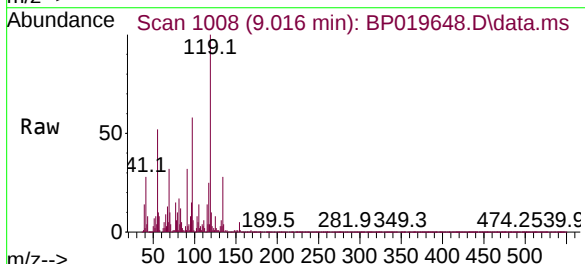
Instrument :
BNA_P
ClientSampleId :
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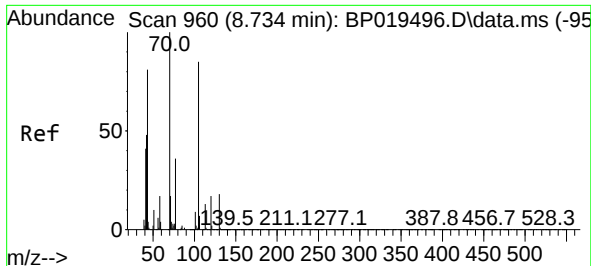
Tgt Ion:107 Resp: 13124
Ion Ratio Lower Upper
107 100
108 43.9 87.0 130.6#
77 125.8 43.5 65.3#
79 176.5 43.6 65.4#



#18
Hexachloroethane
Concen: 96.484 ng
RT: 9.016 min Scan# 1008
Delta R.T. 0.030 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:117 Resp: 228711
Ion Ratio Lower Upper
117 100
119 394.6 75.5 113.3#
201 0.0 99.4 149.2#



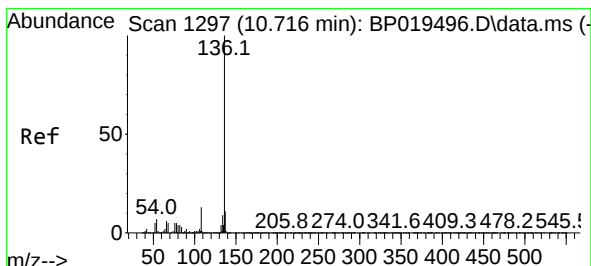
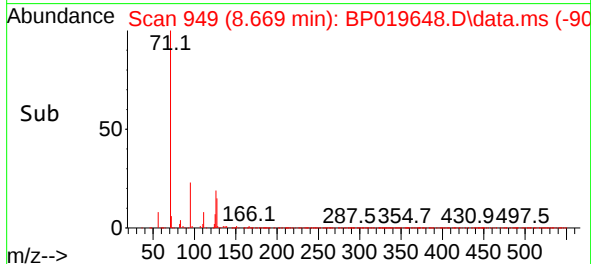
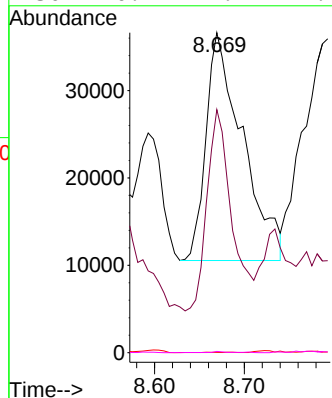
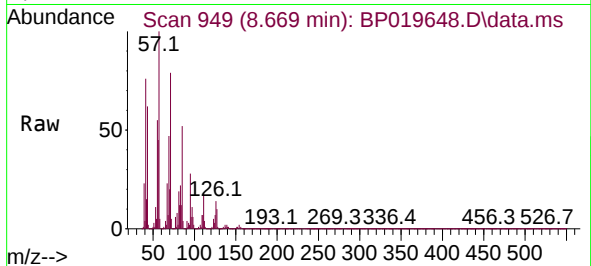


#19
n-Nitroso-di-n-propylamine
Concen: 16.633 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.064 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

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ClientSampleId :
72-11929

Tgt Ion: 70 Resp: 73606

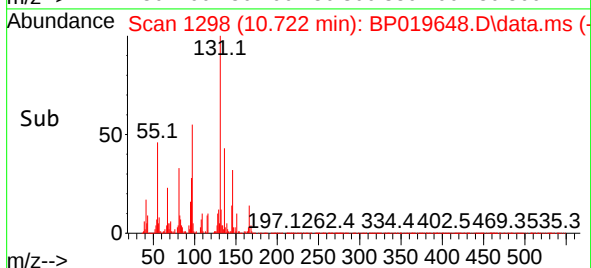
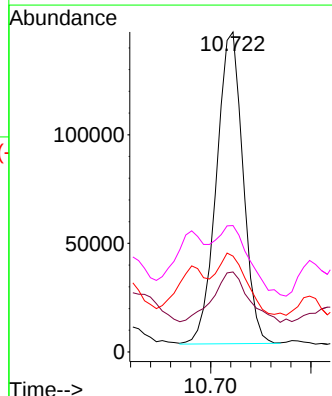
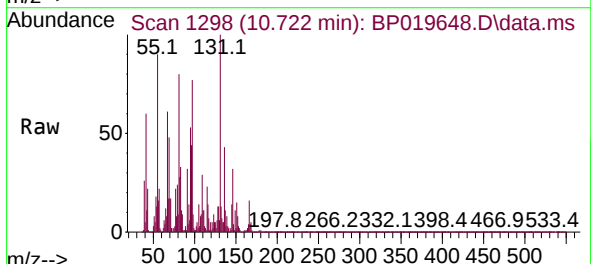
Ion	Ratio	Lower	Upper
70	100		
42	76.0	39.2	58.8#
101	0.1	7.3	10.9#
130	0.4	14.7	22.1#

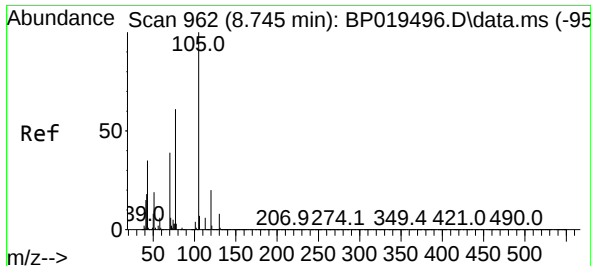


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion: 136 Resp: 263849

Ion	Ratio	Lower	Upper
136	100		
137	25.0	8.8	13.2#
54	29.9	5.3	7.9#
68	39.5	4.1	6.1#

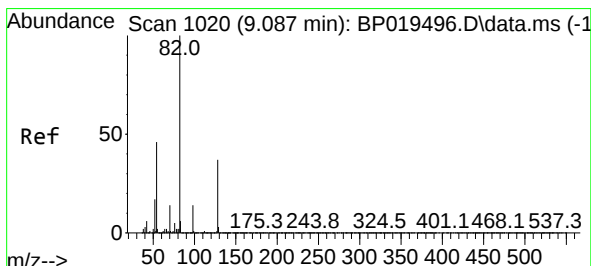
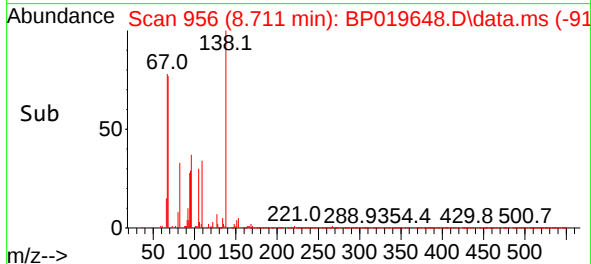
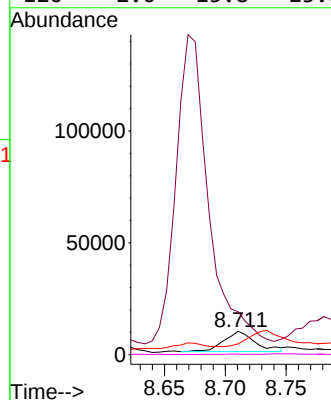
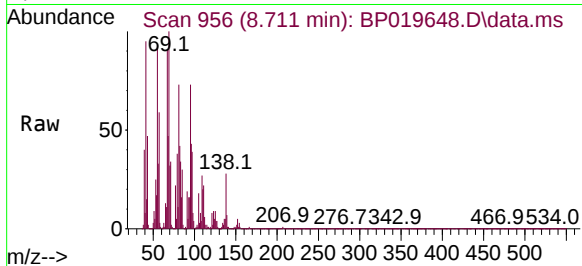




#22
Acetophenone
Concen: 2.189 ng
RT: 8.711 min Scan# 91
Delta R.T. -0.035 min
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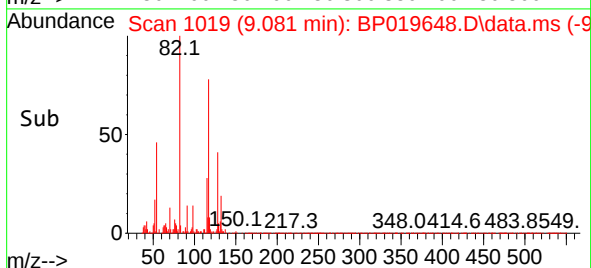
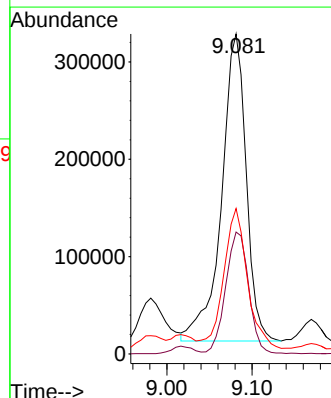
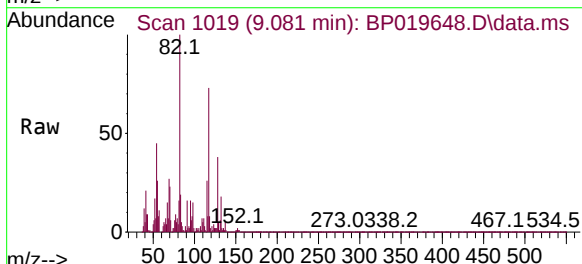
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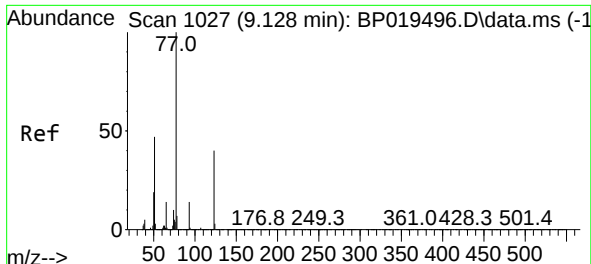
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Ion	Ratio	Lower	Upper
105	100		
71	184.4	4.9	7.3#
51	46.8	20.7	31.1#
120	2.0	15.8	23.8#



#23
Nitrobenzene-d5
Concen: 104.137 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:	82	Resp:	634097
Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.7	44.5
54	45.5	36.8	55.2

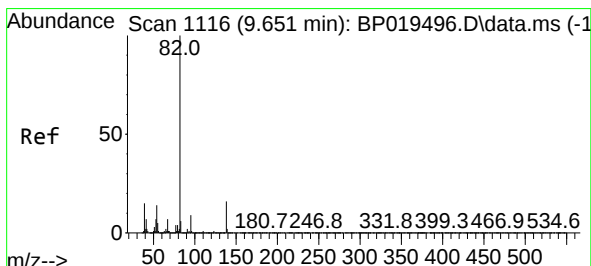
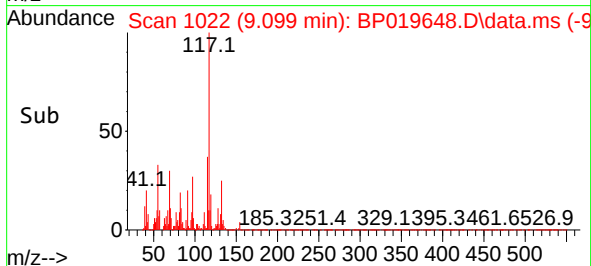
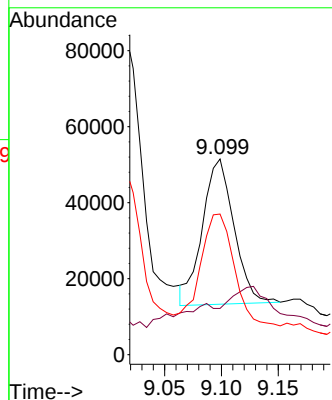
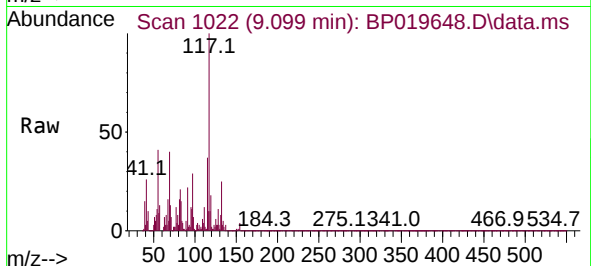




#24
Nitrobenzene
Concen: 12.074 ng
RT: 9.099 min Scan# 1027
Delta R.T. -0.029 min
Lab File: BP019648.D
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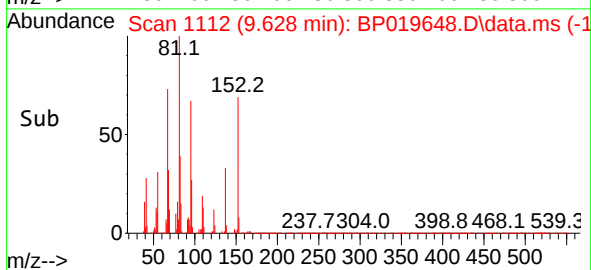
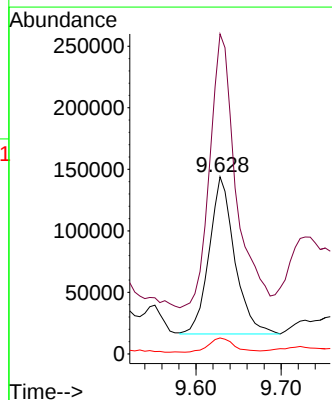
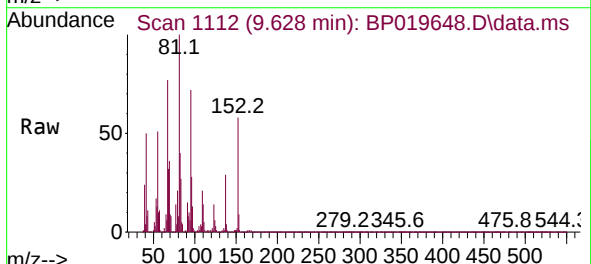
Instrument :
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ClientSampleId :
72-11929

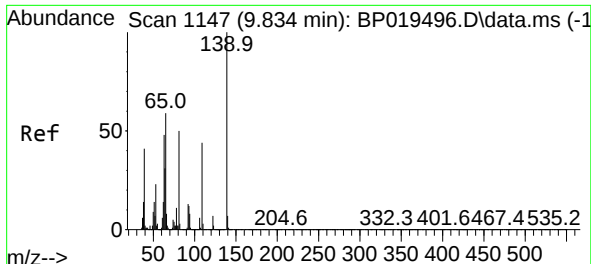
Tgt Ion: 77 Resp: 74021
Ion Ratio Lower Upper
77 100
123 23.7 32.3 48.5#
65 71.9 11.6 17.4#



#25
Isophorone
Concen: 25.032 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.023 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion: 82 Resp: 265452
Ion Ratio Lower Upper
82 100
95 180.6 7.0 10.4#
138 9.0 13.1 19.7#

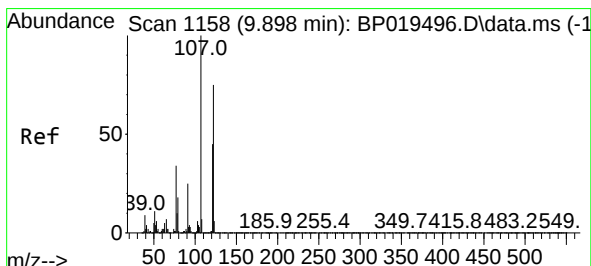
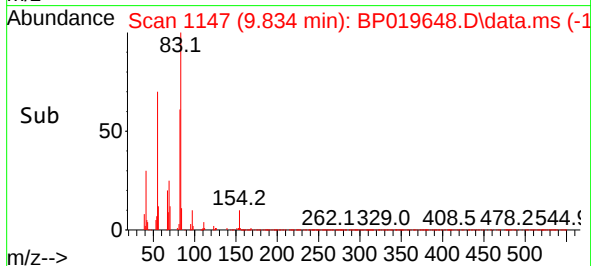
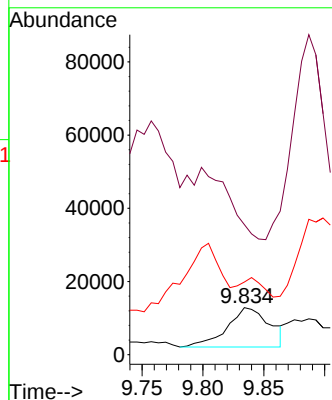
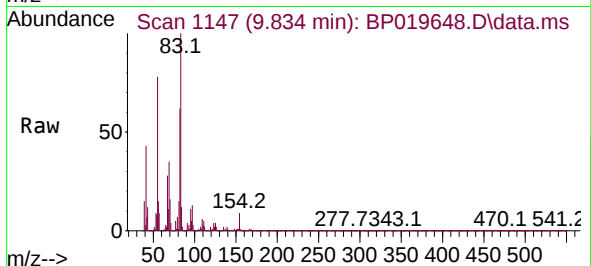




#26
2-Nitrophenol
Concen: 11.122 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

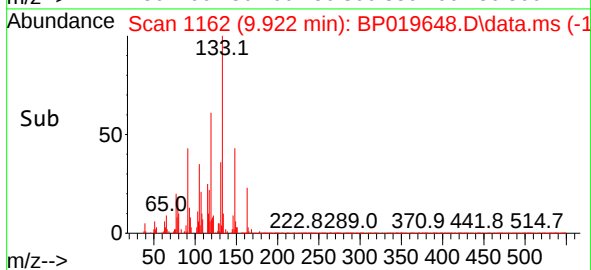
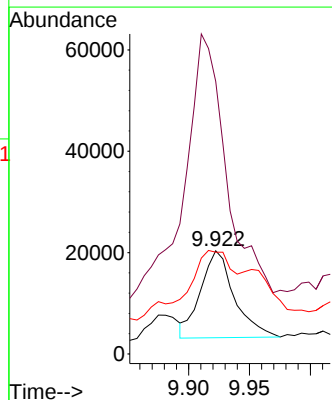
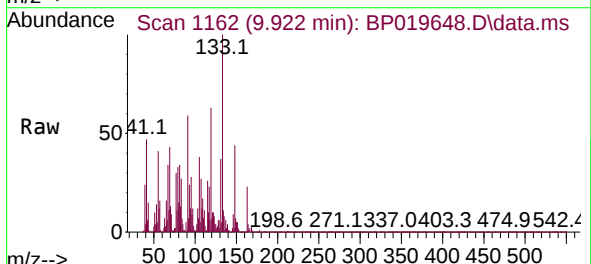
Instrument :
BNA_P
ClientSampleId :
72-11929

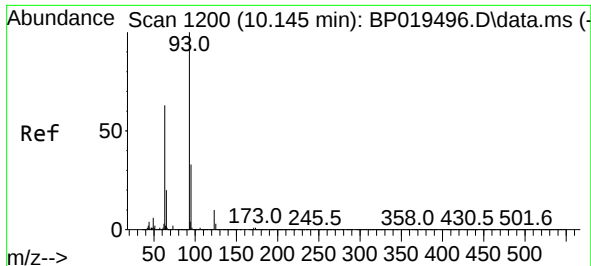
Tgt Ion:139 Resp: 25998
Ion Ratio Lower Upper
139 100
109 276.8 34.9 52.3#
65 154.6 47.5 71.3#



#27
2,4-Dimethylphenol
Concen: 11.054 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.024 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:122 Resp: 33042
Ion Ratio Lower Upper
122 100
107 264.2 105.9 158.9#
121 98.6 47.5 71.3#

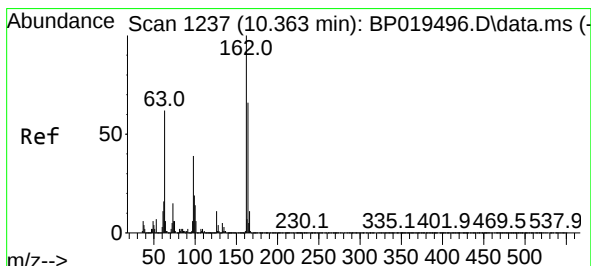
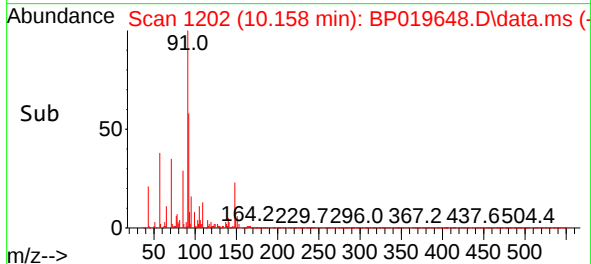
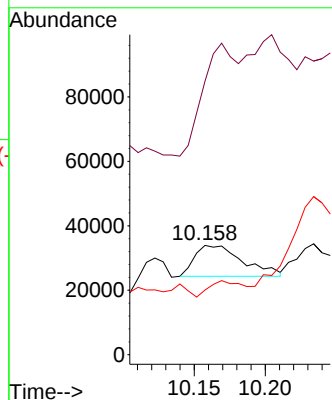
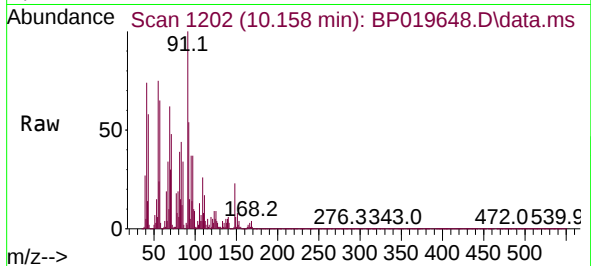




#28
bis(2-Chloroethoxy)methane
Concen: 3.769 ng
RT: 10.158 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

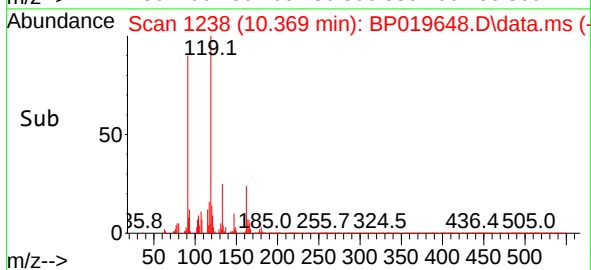
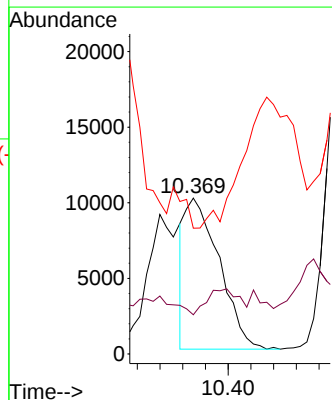
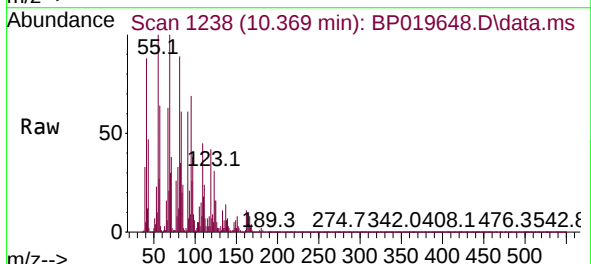
Instrument :
BNA_P
ClientSampleId :
72-11929

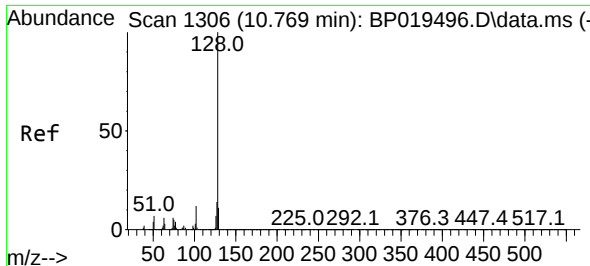
Tgt Ion: 93 Resp: 22615
Ion Ratio Lower Upper
93 100
95 250.1 26.2 39.4#
123 59.1 8.5 12.7#



#29
2,4-Dichlorophenol
Concen: 4.623 ng
RT: 10.369 min Scan# 1238
Delta R.T. 0.006 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion: 162 Resp: 20887
Ion Ratio Lower Upper
162 100
164 25.1 46.0 86.0#
98 80.7 18.7 58.7#

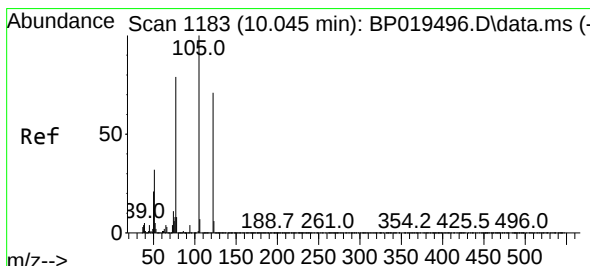
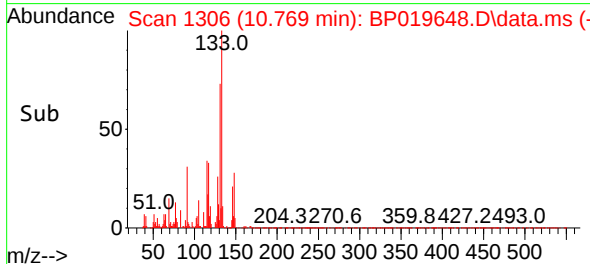
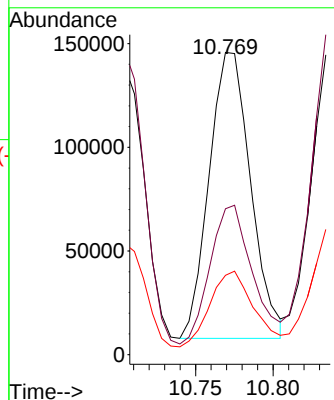
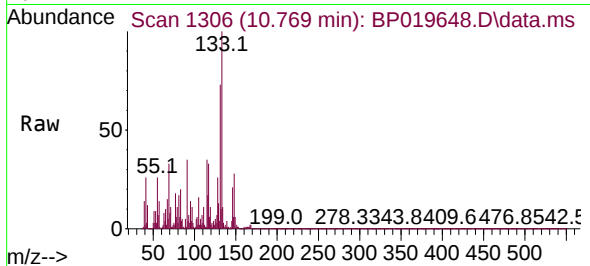




#31
Naphthalene
Concen: 17.731 ng
RT: 10.769 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

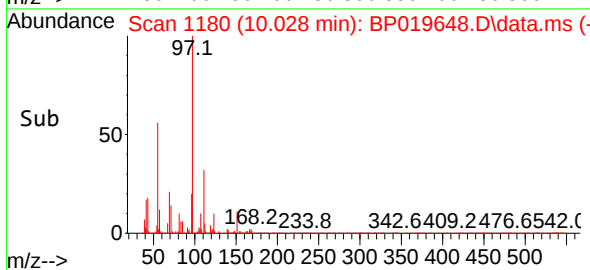
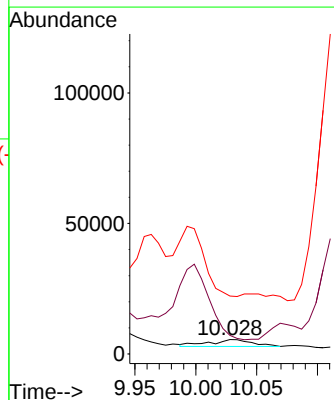
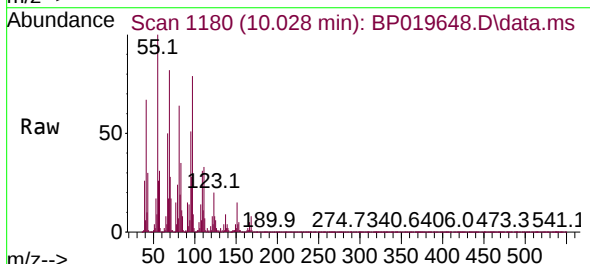
Instrument :
BNA_P
ClientSampleId :
72-11929

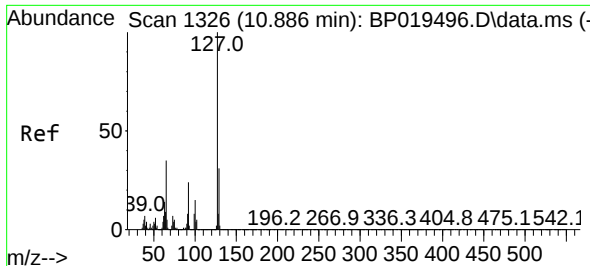
Tgt Ion:128 Resp: 256584
Ion Ratio Lower Upper
128 100
129 48.3 8.6 13.0#
127 26.2 10.8 16.2#



#32
Benzoic acid
Concen: 2.218 ng
RT: 10.028 min Scan# 1180
Delta R.T. -0.017 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:122 Resp: 6459
Ion Ratio Lower Upper
122 100
105 128.7 118.8 158.8
77 402.2 91.7 131.7#

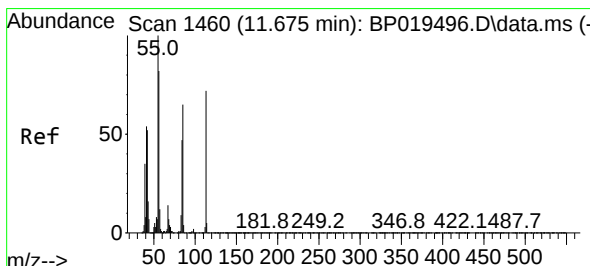
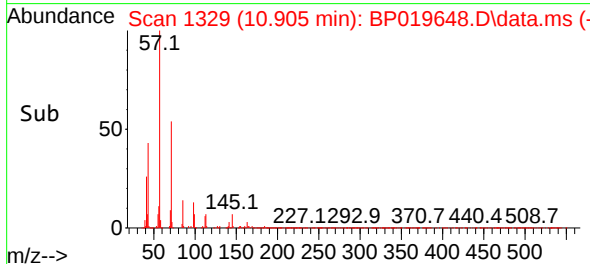
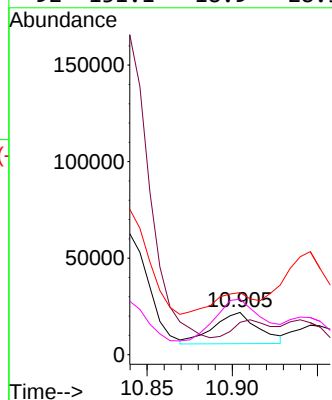
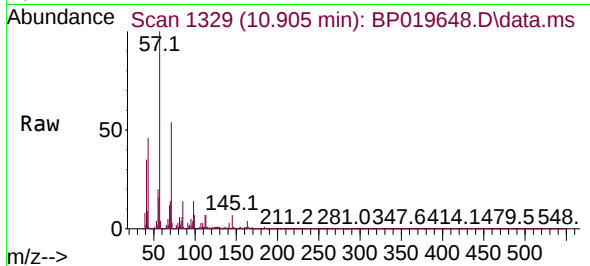




#33
4-Chloroaniline
Concen: 5.533 ng
RT: 10.905 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

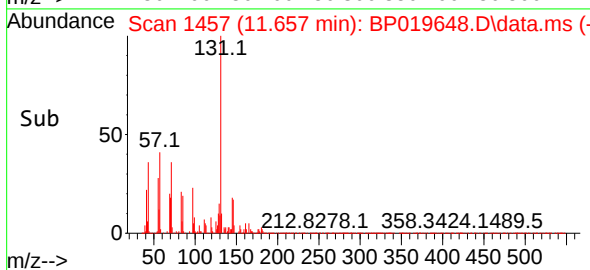
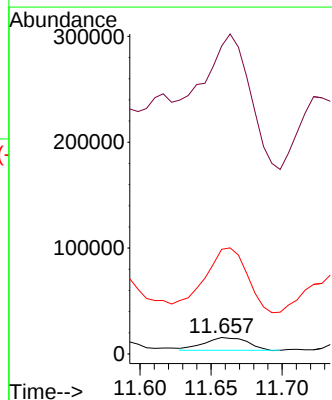
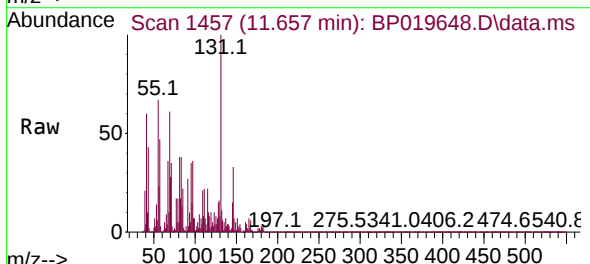
Instrument :
BNA_P
ClientSampleId :
72-11929

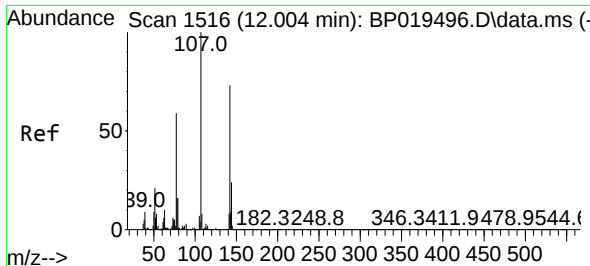
Tgt Ion:	127	Resp:	29610
Ion Ratio	Lower	Upper	
127	100		
129	76.2	24.6	36.8#
65	146.6	28.2	42.4#
92	131.1	18.9	28.3#



#35
Caprolactam
Concen: 19.964 ng
RT: 11.657 min Scan# 1457
Delta R.T. -0.017 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:	113	Resp:	25537
Ion Ratio	Lower	Upper	
113	100		
55	1871.8	120.0	160.0#
56	636.7	94.0	134.0#

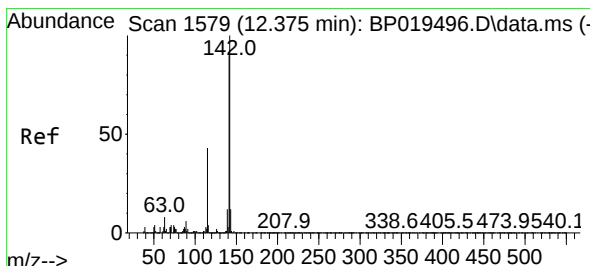
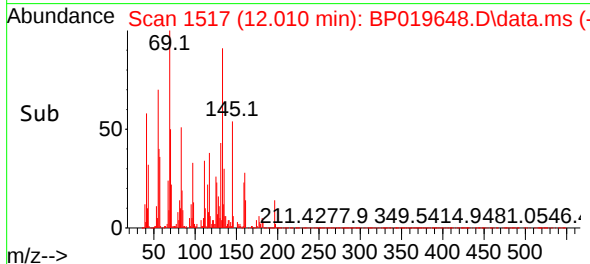
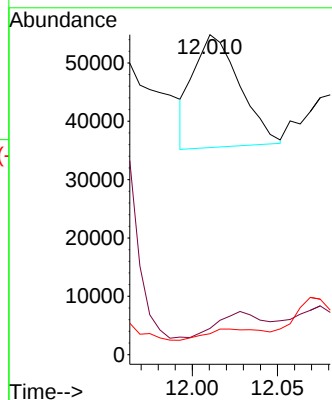
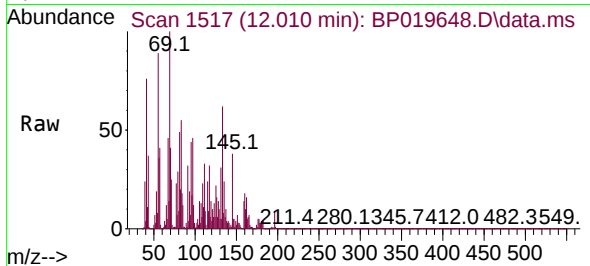




#36
4-Chloro-3-methylphenol
Concen: 7.395 ng
RT: 12.010 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

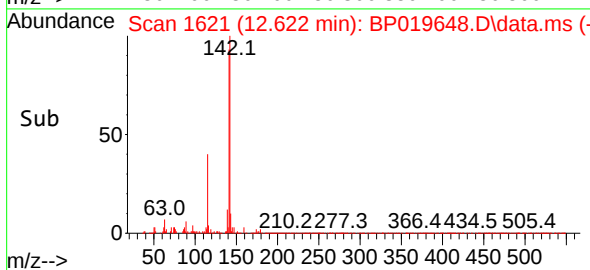
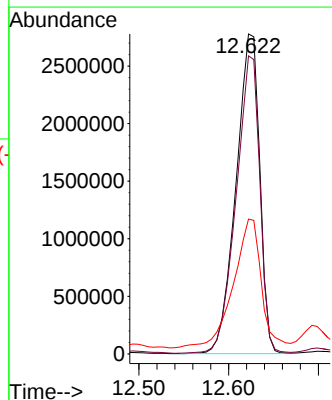
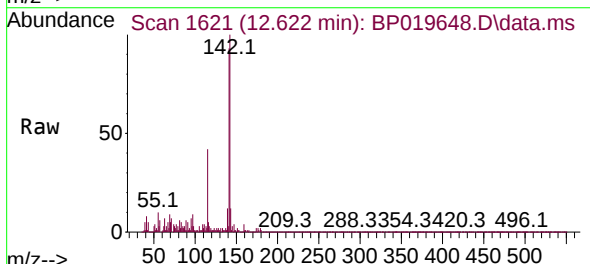
Instrument :
BNA_P
ClientSampleId :
72-11929

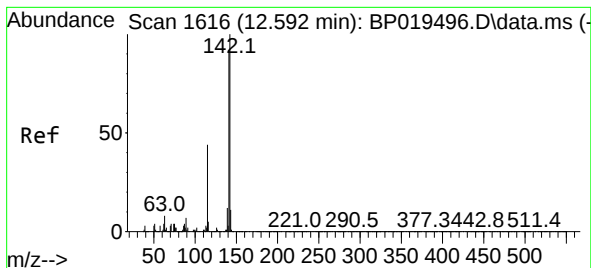
Tgt Ion:107 Resp: 36433
Ion Ratio Lower Upper
107 100
144 8.2 19.0 28.4#
142 6.6 58.6 88.0#



#37
2-Methylnaphthalene
Concen: 508.242 ng
RT: 12.622 min Scan# 1621
Delta R.T. 0.247 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:142 Resp: 5089831
Ion Ratio Lower Upper
142 100
141 93.2 72.2 108.4
115 42.1 34.2 51.2





#38

1-Methylnaphthalene

Concen: 517.533 ng

RT: 12.622 min Scan# 1

Delta R.T. 0.030 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

Instrument :

BNA_P

ClientSampleId :

72-11929

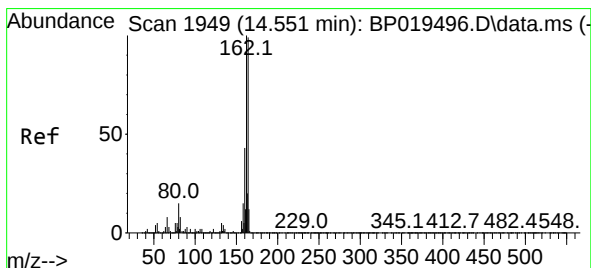
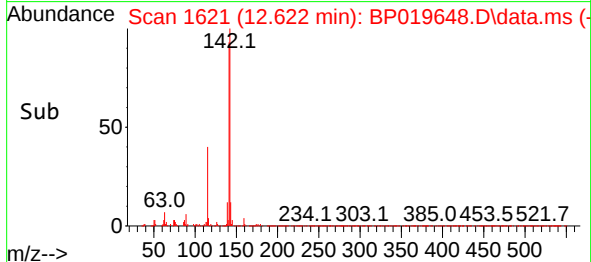
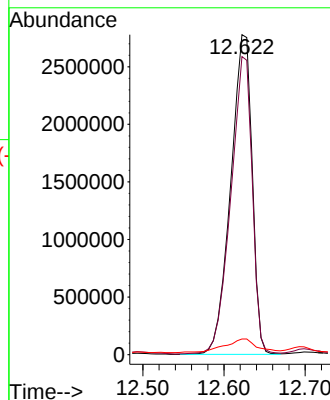
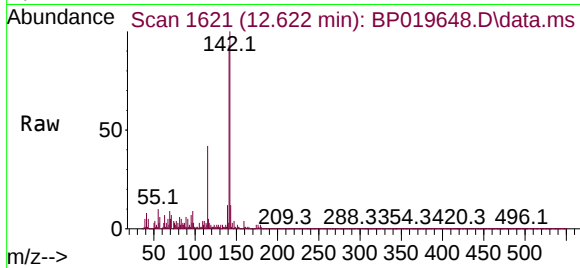
Tgt Ion:142 Resp: 5093261

Ion Ratio Lower Upper

142 100

141 93.2 74.0 111.0

116 4.9 3.7 5.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1952

Delta R.T. 0.018 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

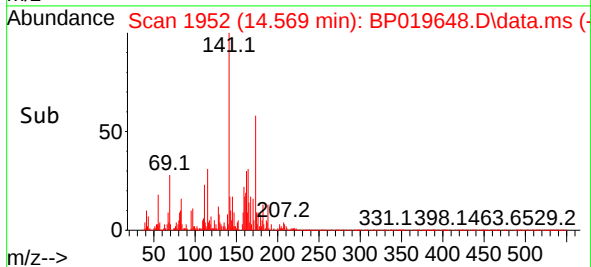
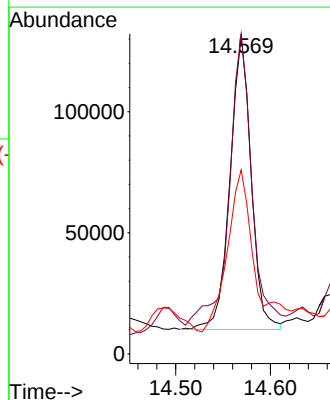
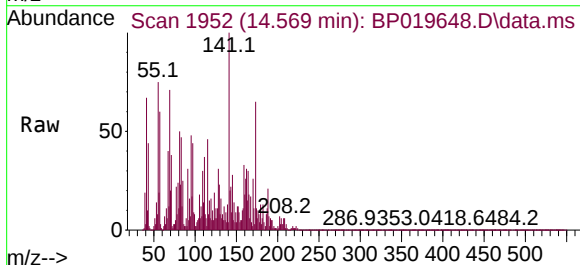
Tgt Ion:164 Resp: 187939

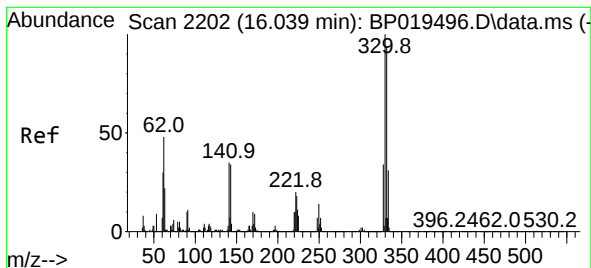
Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

160 58.0 35.1 52.7#





#42

2,4,6-Tribromophenol

Concen: 127.205 ng

RT: 16.063 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

Instrument :

BNA_P

ClientSampleId :

72-11929

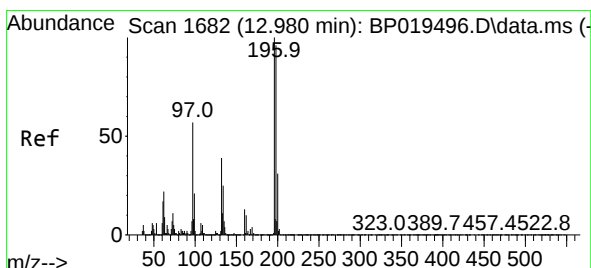
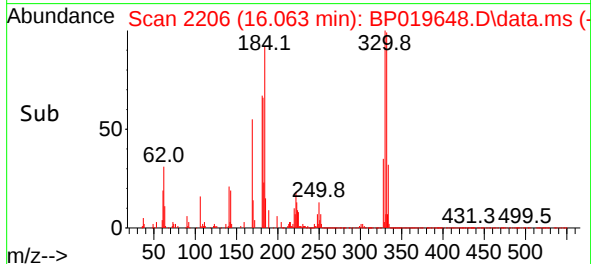
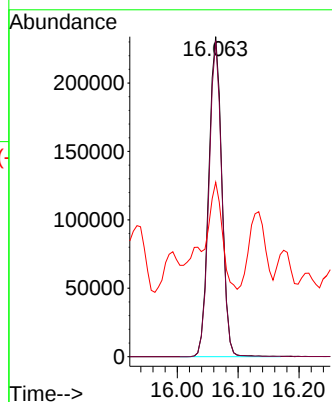
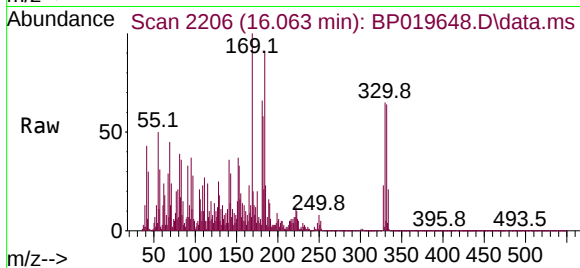
Tgt Ion:330 Resp: 349055

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 48.1 27.0 40.4#



#43

2,4,6-Trichlorophenol

Concen: 3.266 ng

RT: 12.981 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

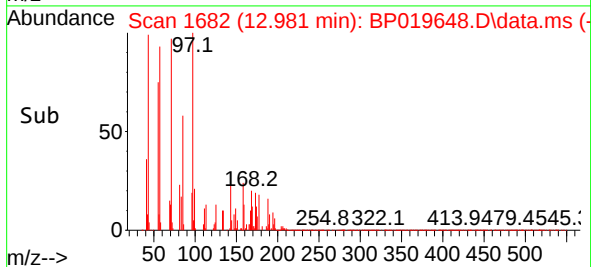
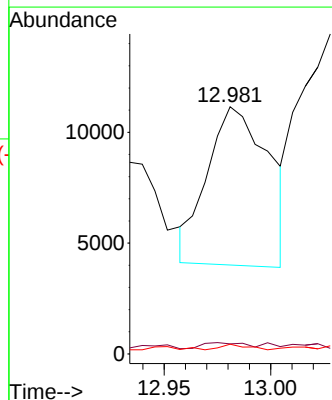
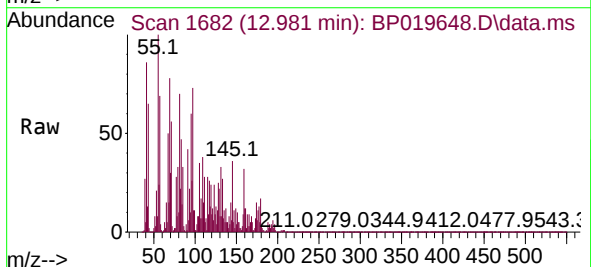
Tgt Ion:196 Resp: 14335

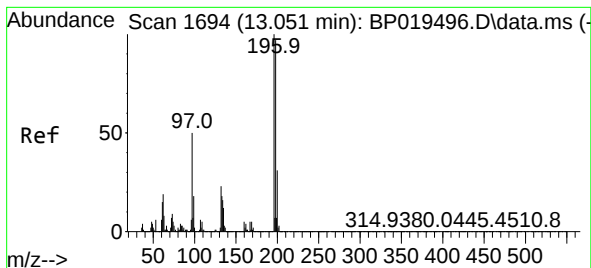
Ion Ratio Lower Upper

196 100

198 4.1 76.7 115.1#

200 3.9 24.6 36.8#





#44

2,4,5-Trichlorophenol

Concen: 2.454 ng

RT: 13.028 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

Instrument :

BNA_P

ClientSampleId :

72-11929

Tgt Ion:196 Resp: 11828

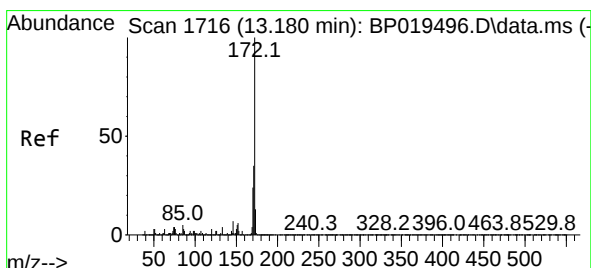
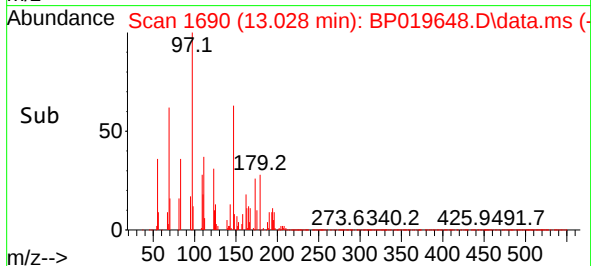
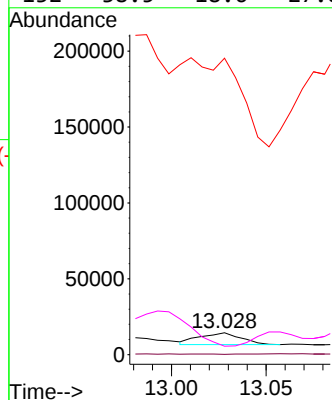
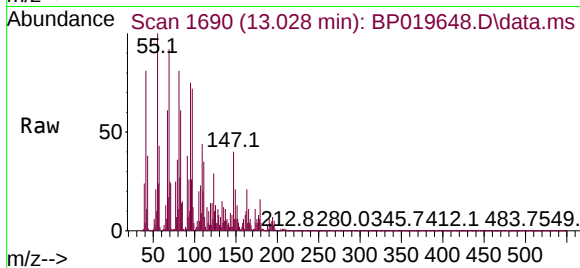
Ion Ratio Lower Upper

196 100

198 1.8 77.5 116.3#

97 1353.5 39.9 59.9#

132 38.5 18.6 27.8#



#45

2-Fluorobiphenyl

Concen: 79.959 ng

RT: 13.193 min Scan# 1718

Delta R.T. 0.012 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

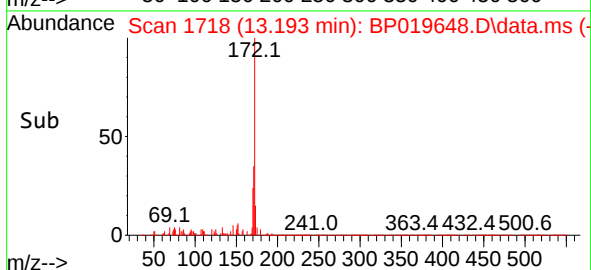
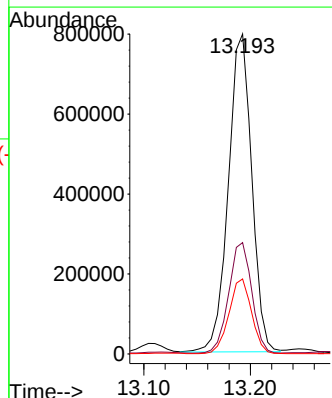
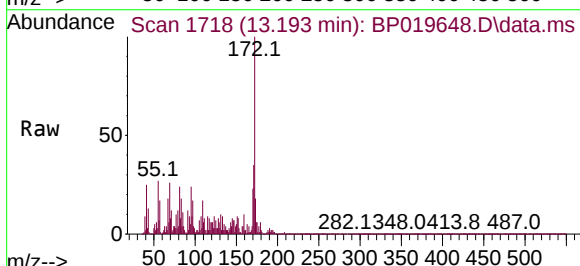
Tgt Ion:172 Resp: 1215583

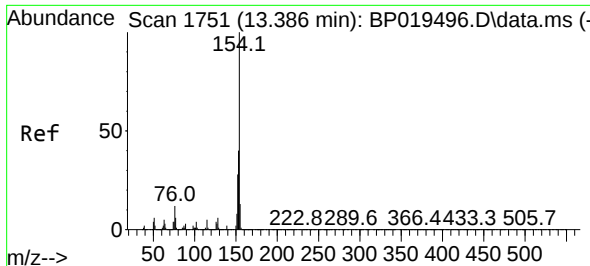
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.4 18.9 28.3

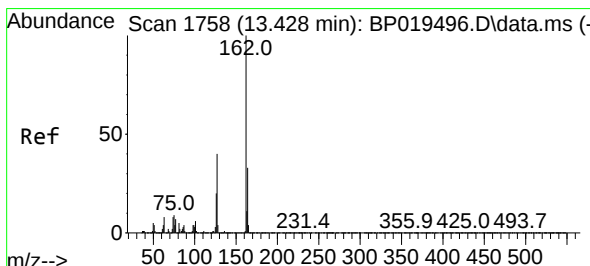
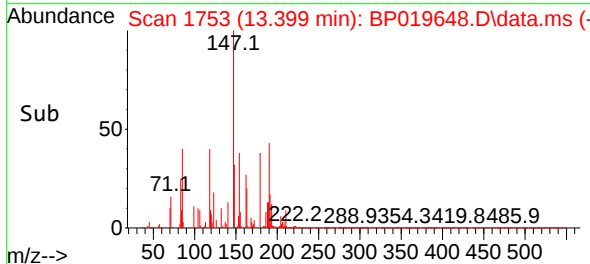
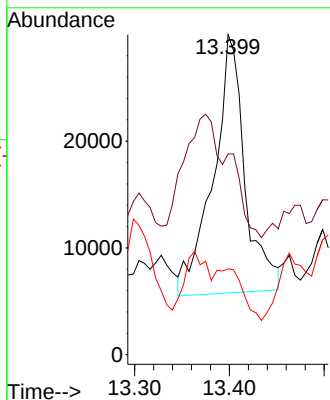
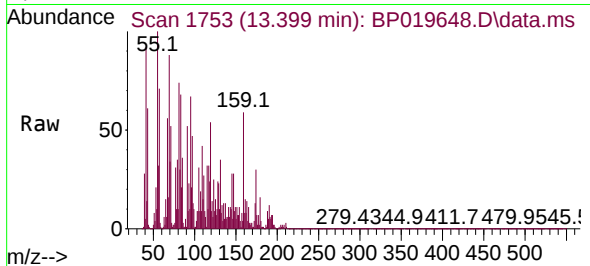




#46
1,1'-Biphenyl
Concen: 3.741 ng
RT: 13.399 min Scan# 1751
Delta R.T. 0.012 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

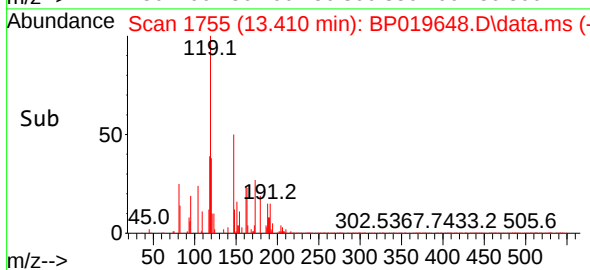
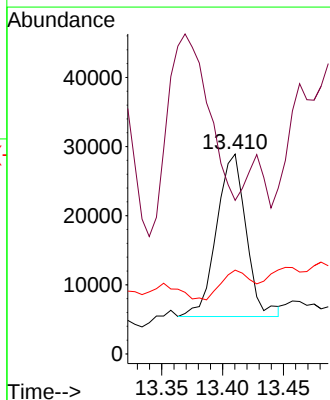
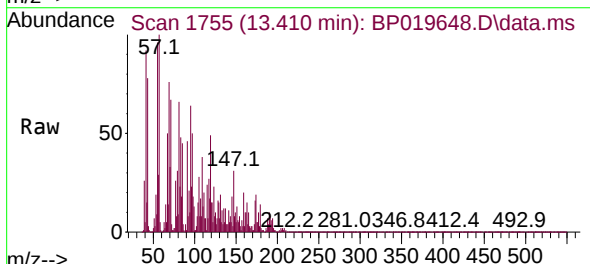
Instrument :
BNA_P
ClientSampleId :
72-11929

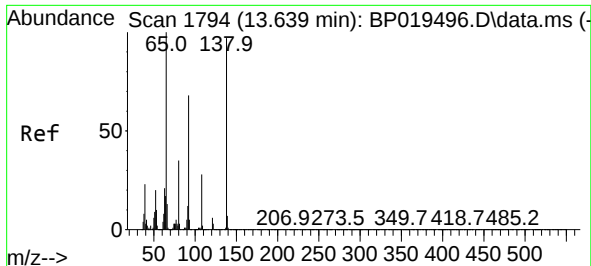
Tgt Ion:154 Resp: 56122
Ion Ratio Lower Upper
154 100
153 62.7 20.2 60.2#
76 26.9 0.0 31.6



#47
2-Chloronaphthalene
Concen: 3.221 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.017 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:162 Resp: 39659
Ion Ratio Lower Upper
162 100
127 76.9 32.1 48.1#
164 42.0 26.7 40.1#

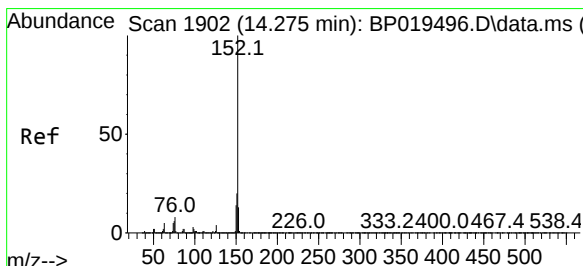
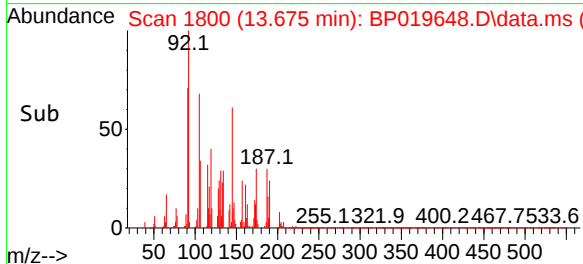
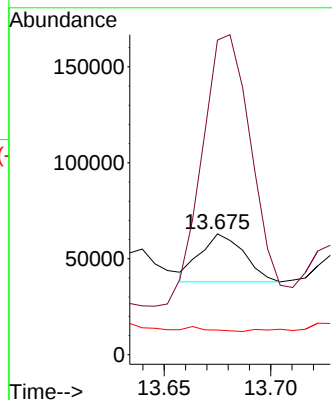
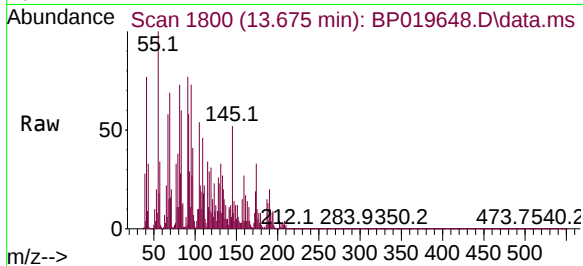




#48
2-Nitroaniline
Concen: 10.397 ng
RT: 13.675 min Scan# 11
Delta R.T. 0.036 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

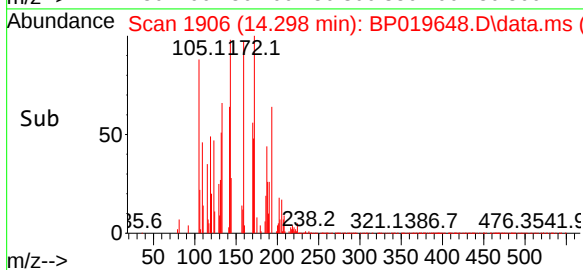
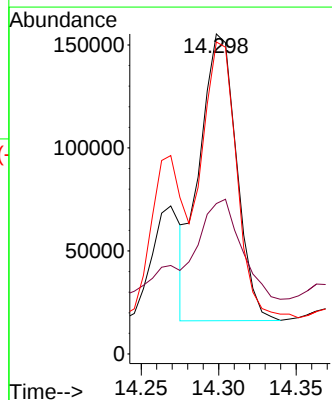
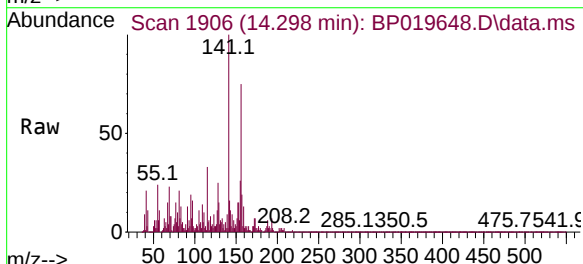
Instrument :
BNA_P
ClientSampleId :
72-11929

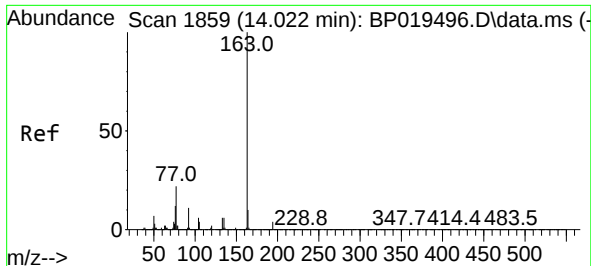
Tgt Ion: 65 Resp: 35798
Ion Ratio Lower Upper
65 100
92 260.4 54.7 82.1#
138 20.5 77.8 116.6#



#49
Acenaphthylene
Concen: 13.372 ng
RT: 14.298 min Scan# 1906
Delta R.T. 0.024 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:152 Resp: 231001
Ion Ratio Lower Upper
152 100
151 47.0 15.8 23.6#
153 97.5 10.6 15.8#

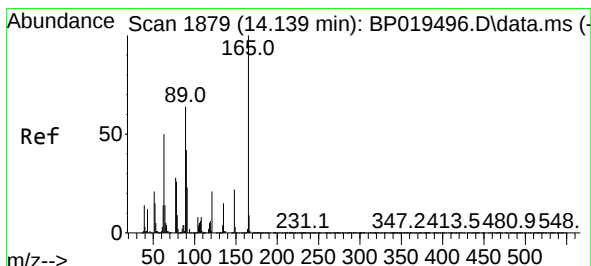
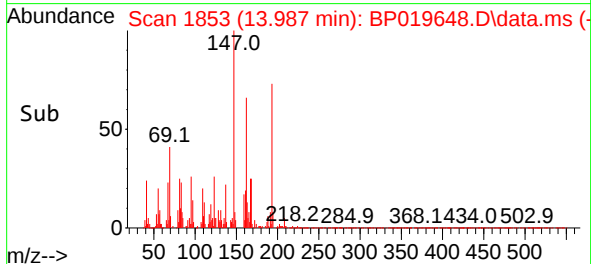
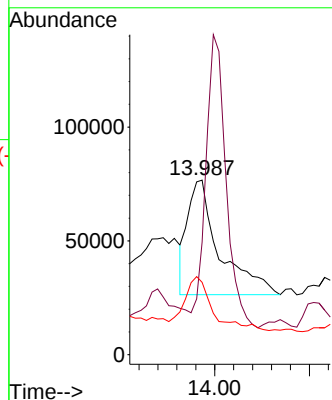
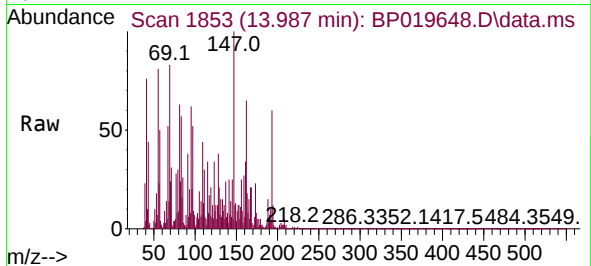




#50
Dimethylphthalate
Concen: 8.204 ng
RT: 13.987 min Scan# 1853
Delta R.T. -0.035 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

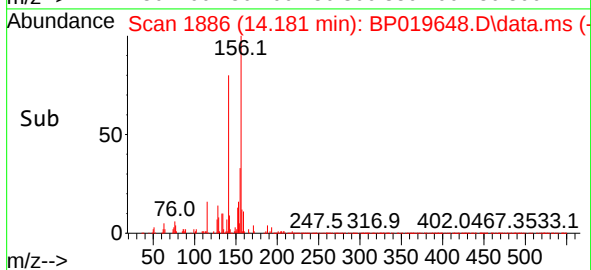
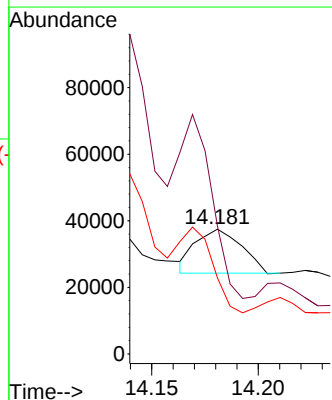
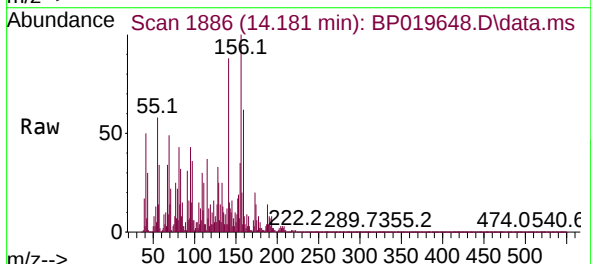
Instrument :
BNA_P
ClientSampleId :
72-11929

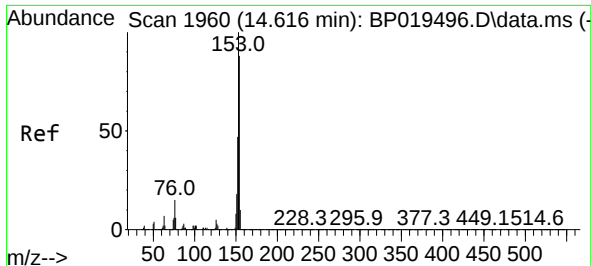
Tgt Ion:163 Resp: 118034
Ion Ratio Lower Upper
163 100
194 64.6 3.4 5.2#
164 41.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 6.251 ng
RT: 14.181 min Scan# 1886
Delta R.T. 0.042 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:165 Resp: 19758
Ion Ratio Lower Upper
165 100
63 102.3 50.4 75.6#
89 60.9 51.7 77.5

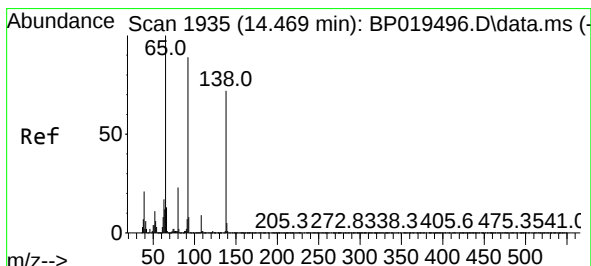
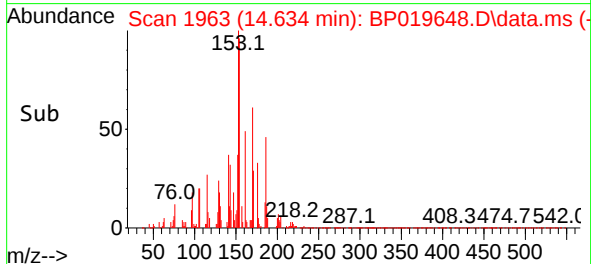
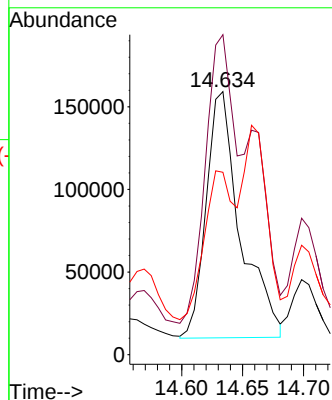
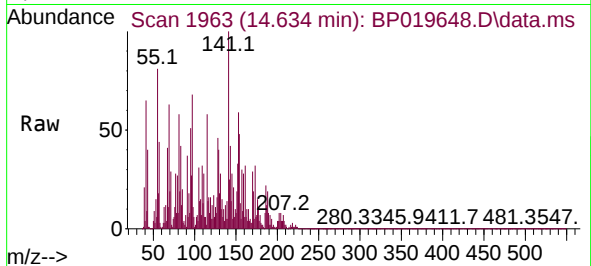




#52
Acenaphthene
Concen: 27.122 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

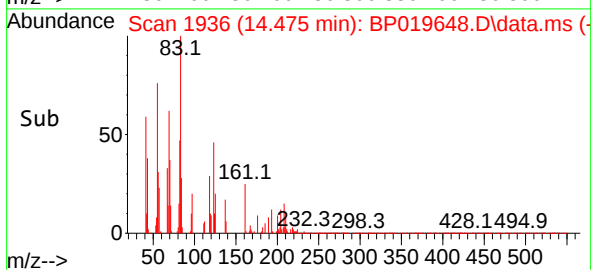
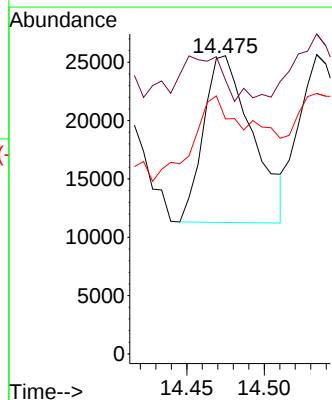
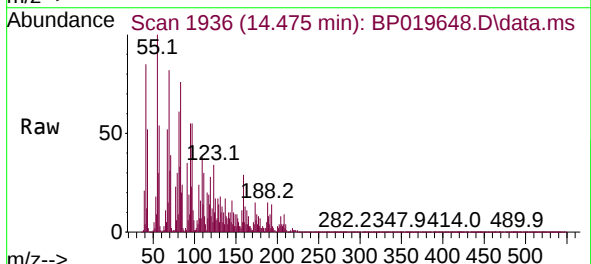
Instrument :
BNA_P
ClientSampleId :
72-11929

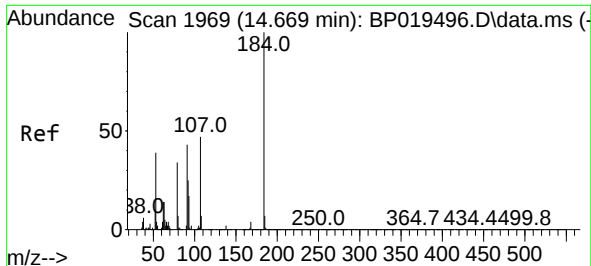
Tgt Ion:154 Resp: 290800
Ion Ratio Lower Upper
154 100
153 121.7 90.5 135.7
152 69.4 42.1 63.1#



#53
3-Nitroaniline
Concen: 10.738 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:138 Resp: 31193
Ion Ratio Lower Upper
138 100
108 91.9 9.7 14.5#
92 78.8 98.0 147.0#

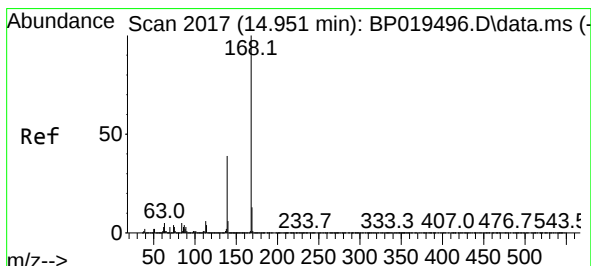
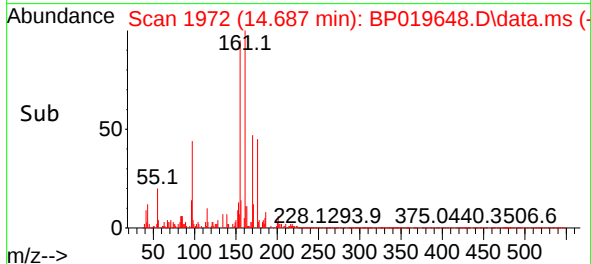
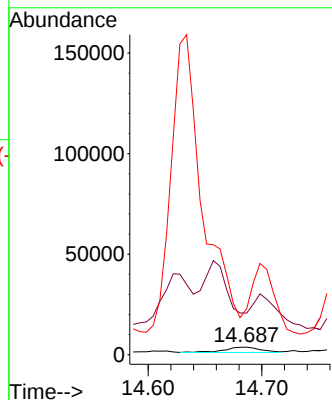
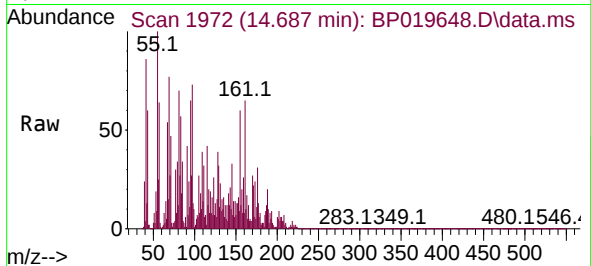




#54
2,4-Dinitrophenol
Concen: 3.609 ng
RT: 14.687 min Scan# 1969
Delta R.T. 0.018 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

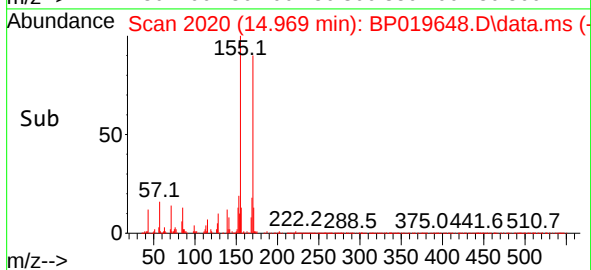
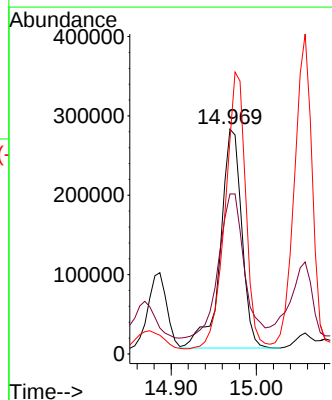
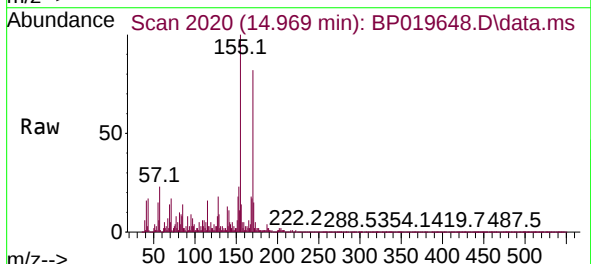
Instrument :
BNA_P
ClientSampleId :
72-11929

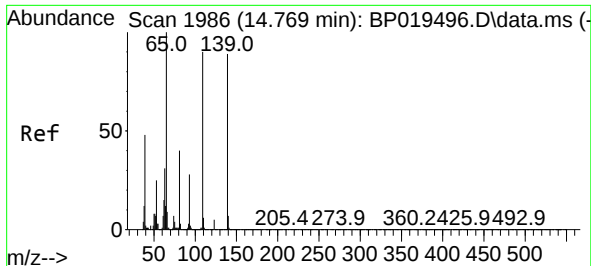
Tgt Ion:184 Resp: 5923
Ion Ratio Lower Upper
184 100
63 557.7 50.5 75.7#
154 621.6 53.4 80.0#



#55
Dibenzofuran
Concen: 27.545 ng
RT: 14.969 min Scan# 2020
Delta R.T. 0.018 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:168 Resp: 481011
Ion Ratio Lower Upper
168 100
139 71.2 31.5 47.3#
169 95.2 10.3 15.5#

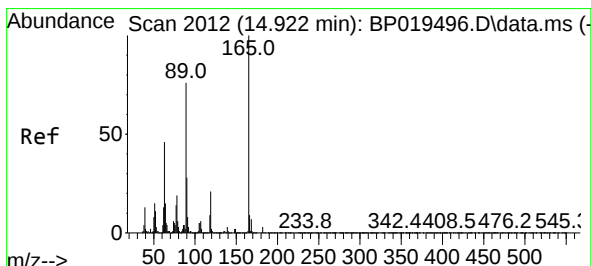
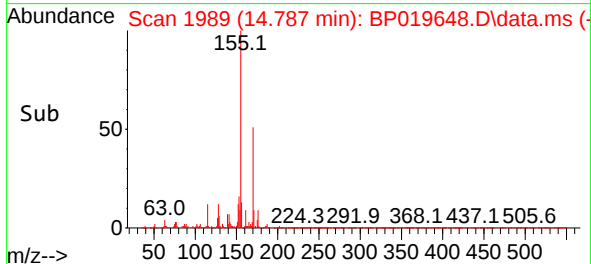
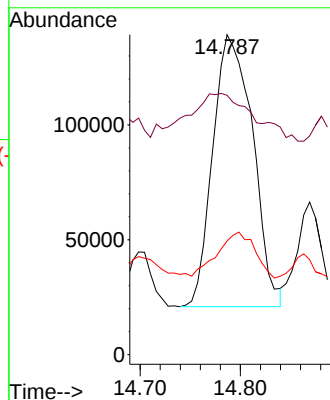
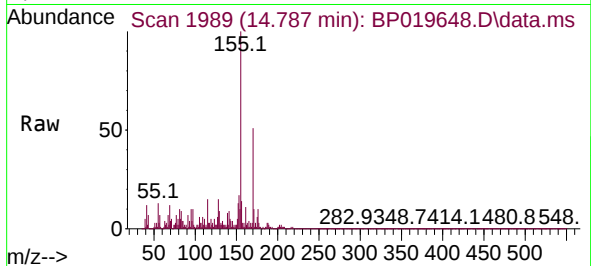




#56
4-Nitrophenol
Concen: 137.122 ng
RT: 14.787 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

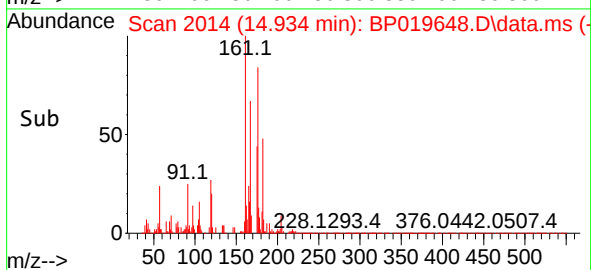
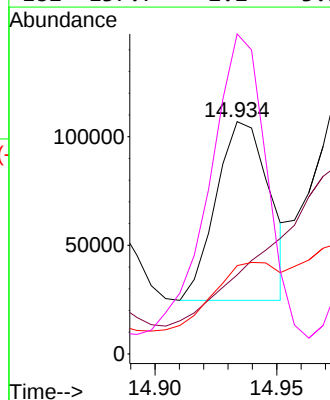
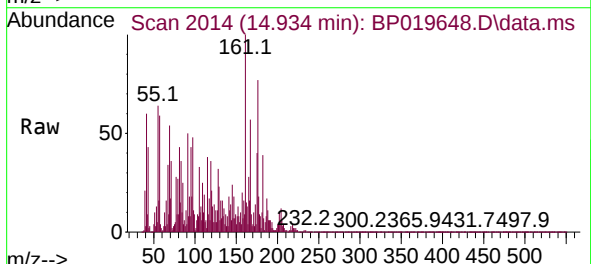
Instrument :
BNA_P
ClientSampleId :
72-11929

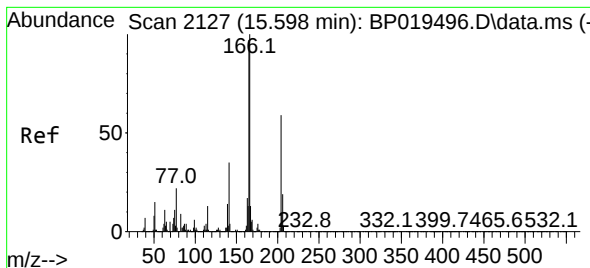
Tgt Ion:139 Resp: 326488
Ion Ratio Lower Upper
139 100
109 81.0 82.0 122.0#
65 35.5 92.9 132.9#



#57
2,4-Dinitrotoluene
Concen: 30.374 ng
RT: 14.934 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:165 Resp: 125818
Ion Ratio Lower Upper
165 100
63 34.0 36.9 55.3#
89 38.0 61.1 91.7#
182 137.7 2.2 3.2#





#58

Fluorene

Concen: 43.179 ng

RT: 15.622 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

Instrument :

BNA_P

ClientSampleId :

72-11929

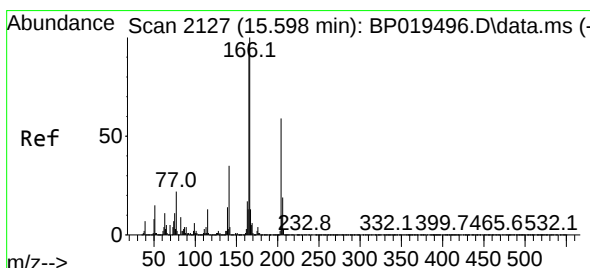
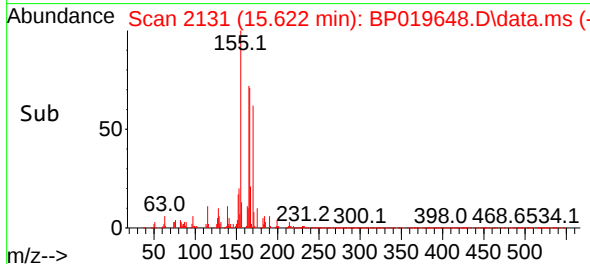
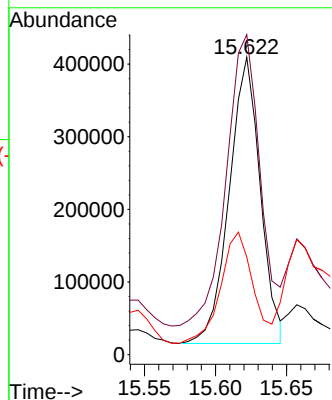
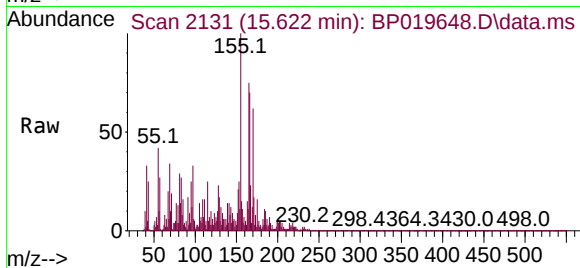
Tgt Ion:166 Resp: 600557

Ion Ratio Lower Upper

166 100

165 107.6 77.8 116.8

167 32.8 10.7 16.1#



#61

4-Chlorophenyl-phenylether

Concen: 2.236 ng

RT: 15.640 min Scan# 2134

Delta R.T. 0.042 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

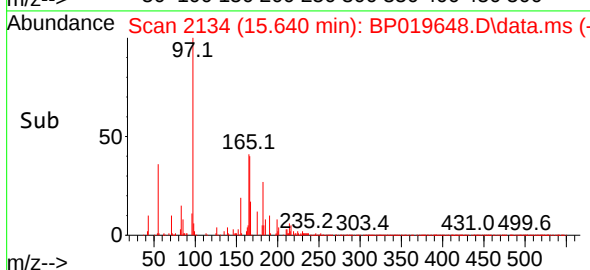
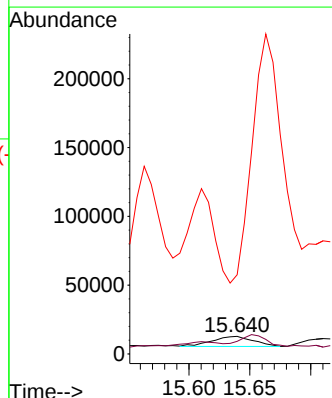
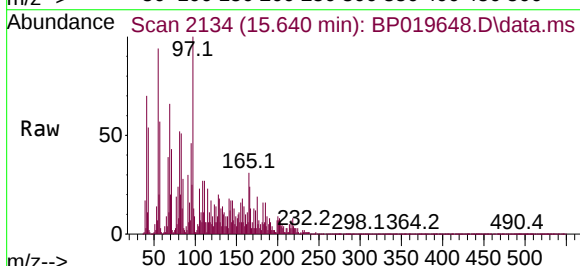
Tgt Ion:204 Resp: 17482

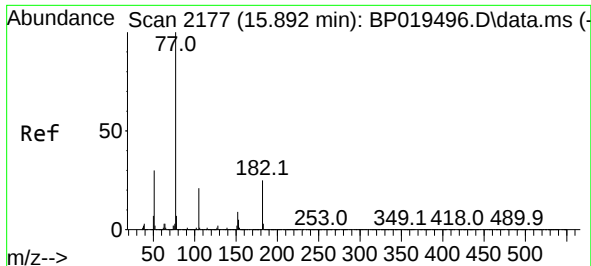
Ion Ratio Lower Upper

204 100

206 72.2 26.5 39.7#

141 450.4 48.5 72.7#

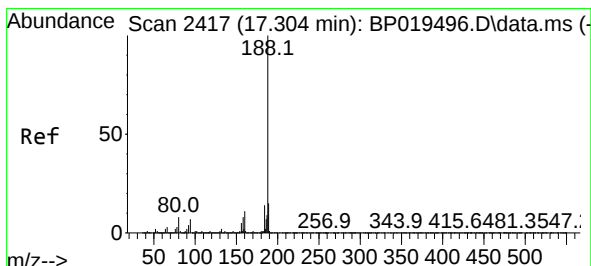
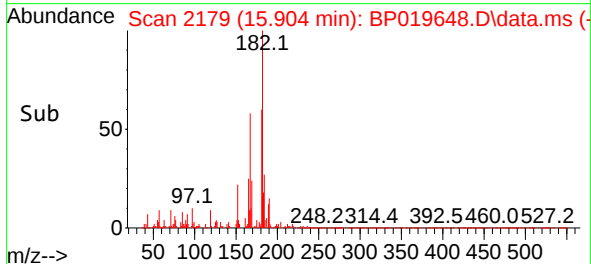
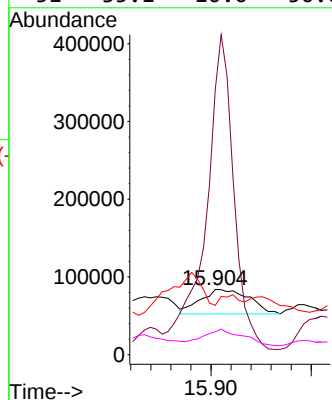
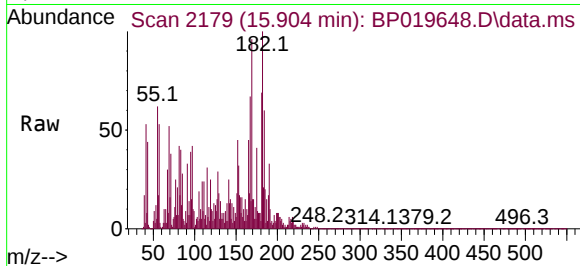




#63
Azobenzene
Concen: 7.650 ng
RT: 15.904 min Scan# 2177
Delta R.T. 0.012 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

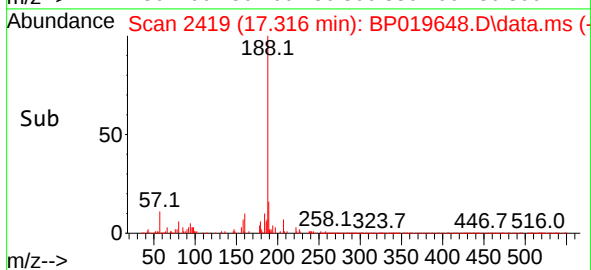
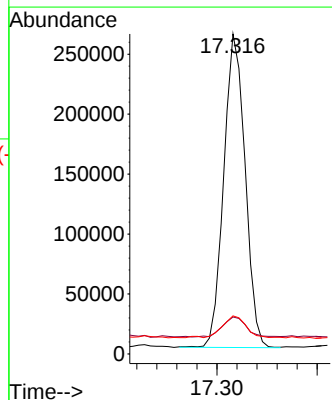
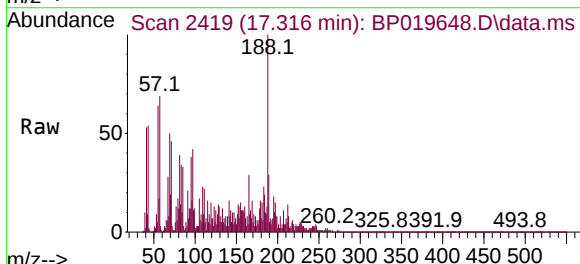
Instrument :
BNA_P
ClientSampleId :
72-11929

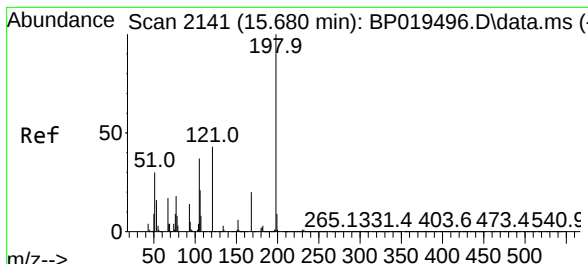
Tgt Ion: 77	Resp: 105865
Ion Ratio	Lower Upper
77 100	
182 405.9	5.1 45.1#
105 75.6	0.8 40.8#
51 35.1	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2419
Delta R.T. 0.012 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion: 188	Resp: 386855
Ion Ratio	Lower Upper
188 100	
94 11.6	5.4 8.2#
80 11.9	6.3 9.5#

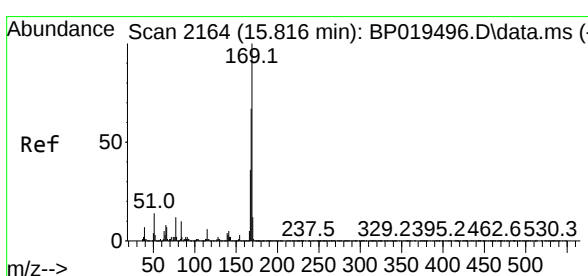
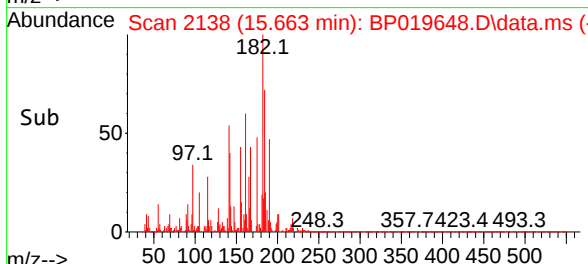
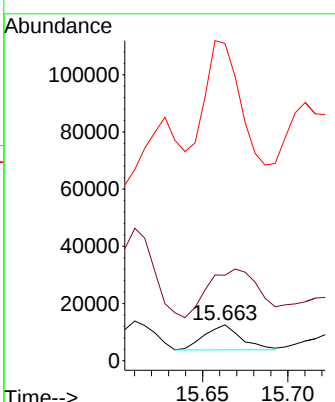
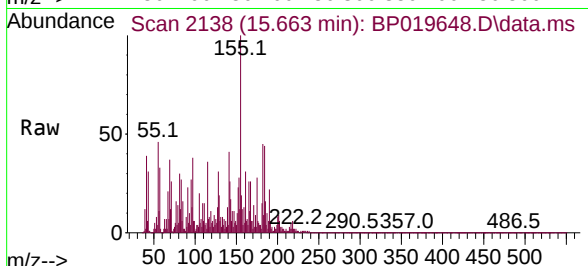




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.928 ng
 RT: 15.663 min Scan# 2110
 Delta R.T. -0.017 min
 Lab File: BP019648.D
 Acq: 10 Feb 2024 00:06

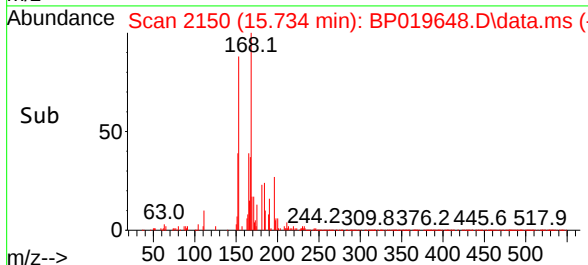
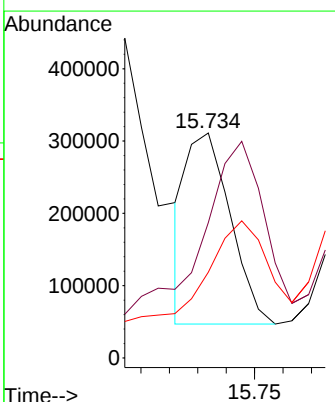
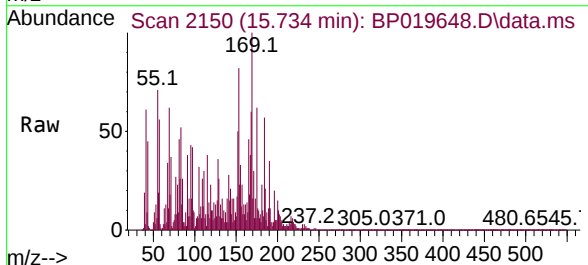
Instrument :
 BNA_P
 ClientSampleId :
 72-11929

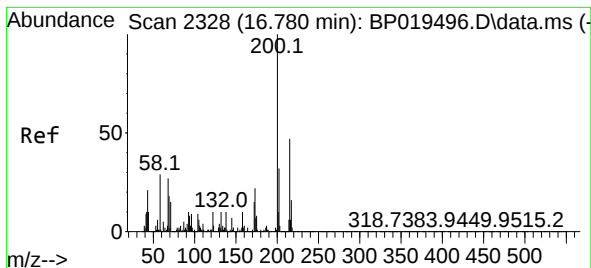
Tgt Ion:	198	Resp:	13076
Ion Ratio	Lower	Upper	
198	100		
51	237.7	21.2	61.2#
105	883.2	19.1	59.1#



#66
 n-Nitrosodiphenylamine
 Concen: 24.374 ng
 RT: 15.734 min Scan# 2150
 Delta R.T. -0.082 min
 Lab File: BP019648.D
 Acq: 10 Feb 2024 00:06

Tgt Ion:	169	Resp:	282391
Ion Ratio	Lower	Upper	
169	100		
168	60.2	53.4	80.2
167	38.1	28.9	43.3





#69

Atrazine

Concen: 2.565 ng

RT: 16.816 min Scan# 21

Delta R.T. 0.036 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

Instrument :

BNA_P

ClientSampleId :

72-11929

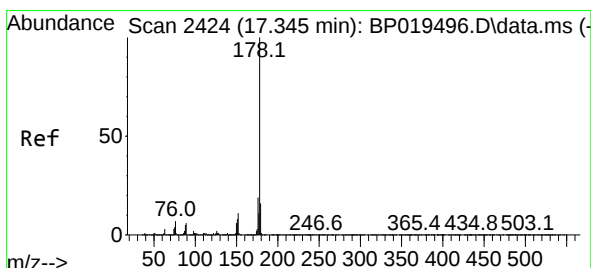
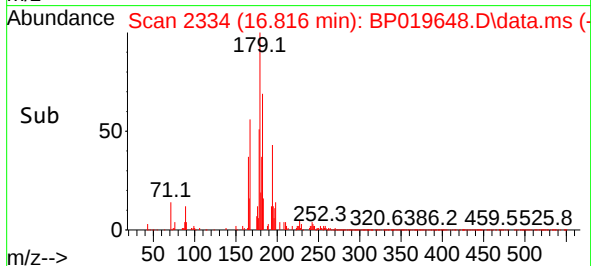
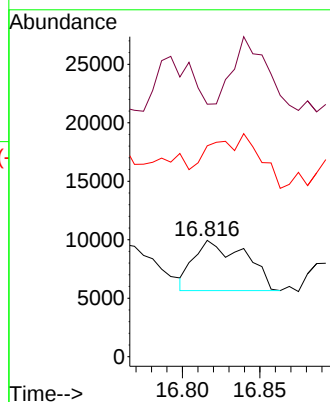
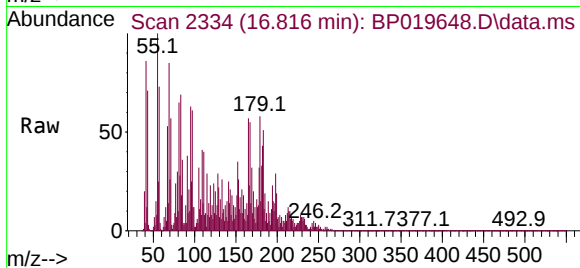
Tgt Ion:200 Resp: 9863

Ion Ratio Lower Upper

200 100

173 217.2 1.7 41.7#

215 181.3 26.9 66.9#



#71

Phenanthrene

Concen: 67.482 ng

RT: 17.363 min Scan# 2427

Delta R.T. 0.018 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

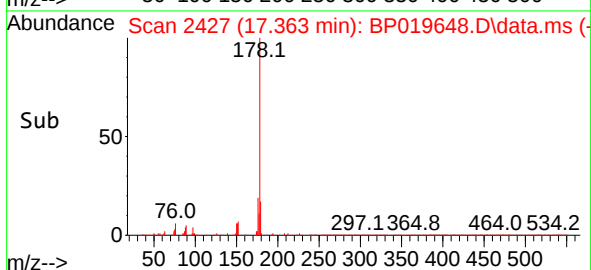
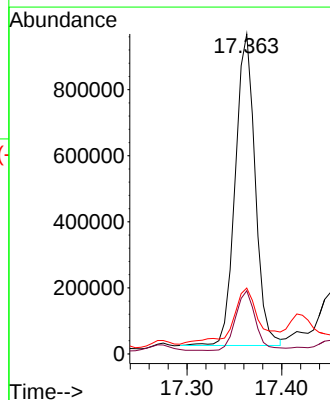
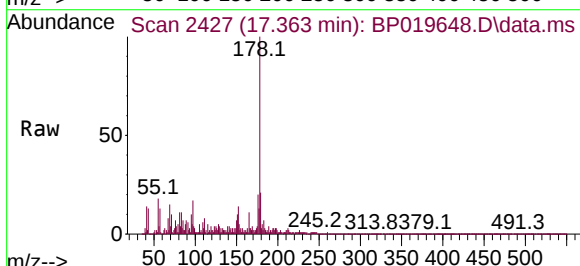
Tgt Ion:178 Resp: 1373859

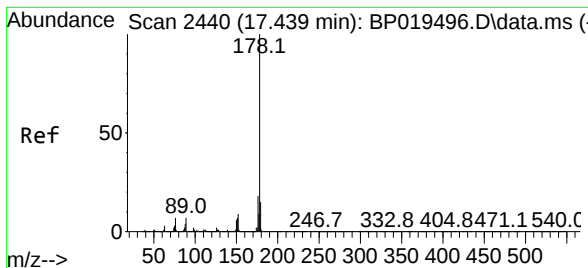
Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 20.6 12.6 19.0#





#72

Anthracene

Concen: 13.465 ng

RT: 17.451 min Scan# 2440

Delta R.T. 0.012 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

Instrument :

BNA_P

ClientSampleId :

72-11929

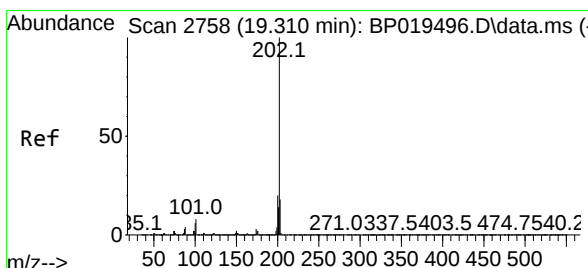
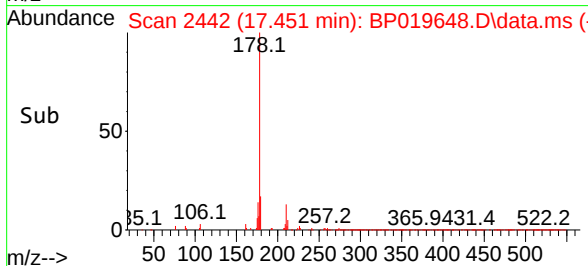
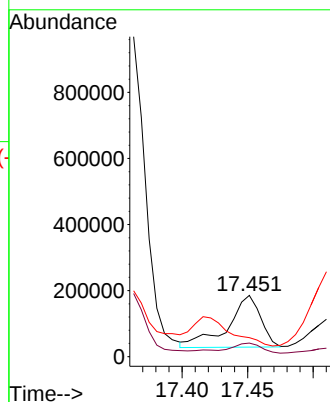
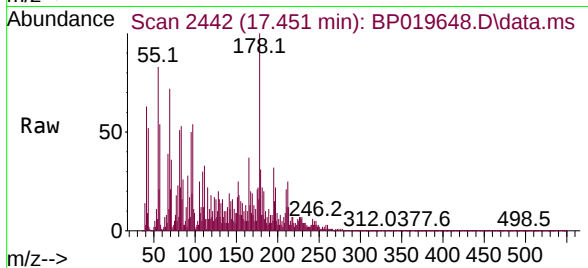
Tgt Ion:178 Resp: 273471

Ion Ratio Lower Upper

178 100

176 22.2 14.7 22.1#

179 31.2 12.2 18.2#



#75

Fluoranthene

Concen: 7.525 ng

RT: 19.316 min Scan# 2759

Delta R.T. 0.006 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

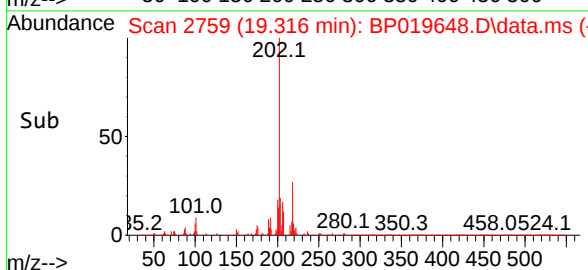
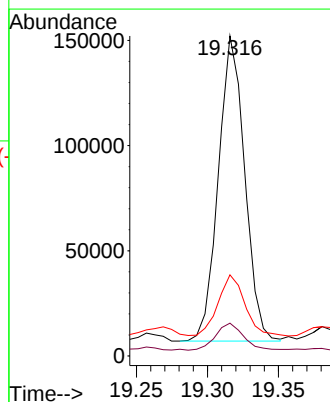
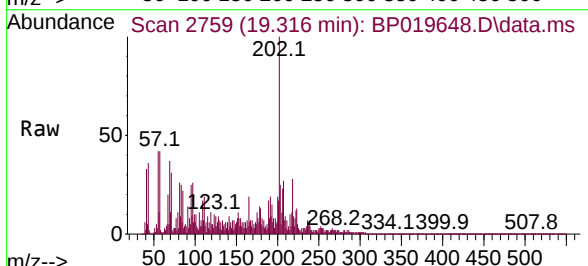
Tgt Ion:202 Resp: 187154

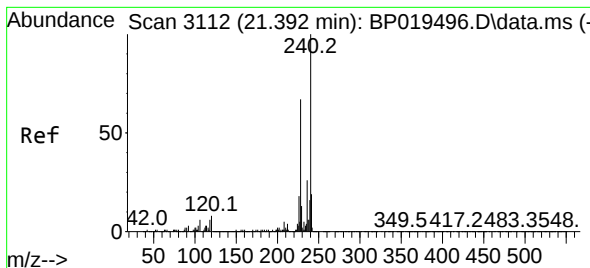
Ion Ratio Lower Upper

202 100

101 10.3 0.0 27.7

203 25.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

Instrument :

BNA_P

ClientSampleId :

72-11929

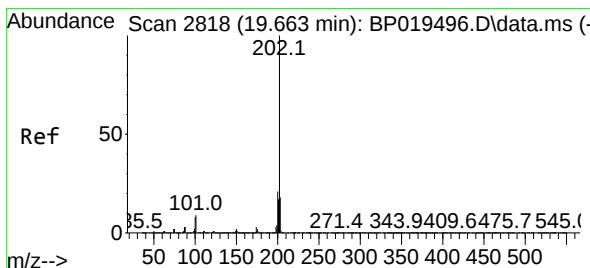
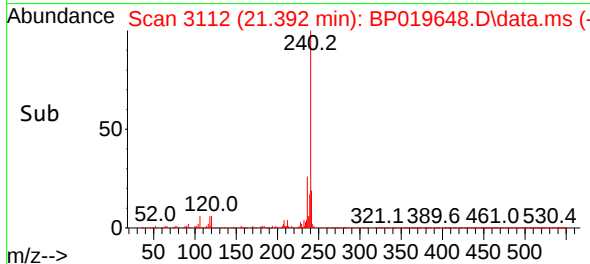
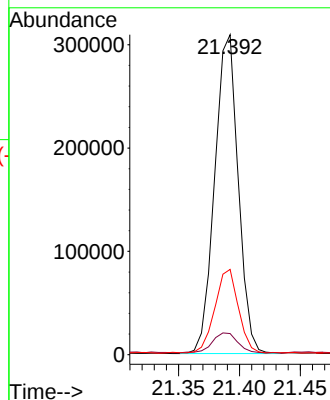
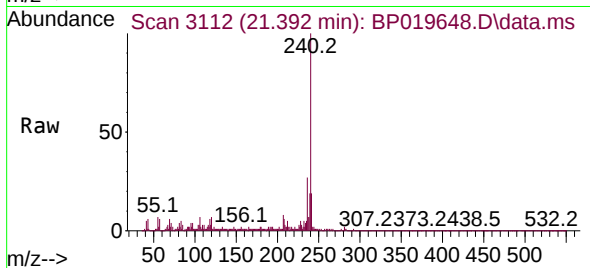
Tgt Ion:240 Resp: 414785

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 26.6 20.7 31.1



#78

Pyrene

Concen: 10.329 ng

RT: 19.669 min Scan# 2819

Delta R.T. 0.006 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

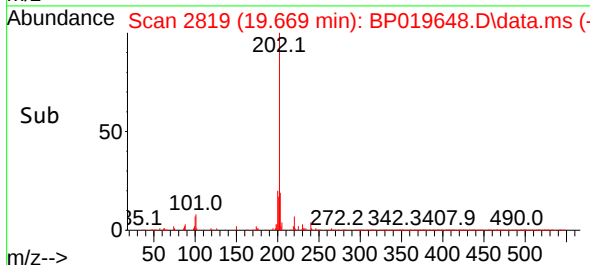
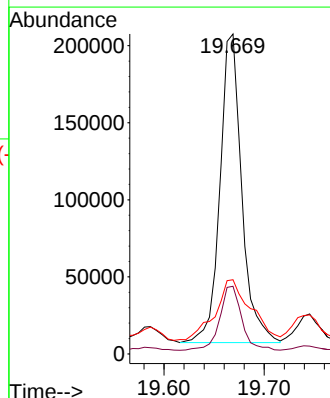
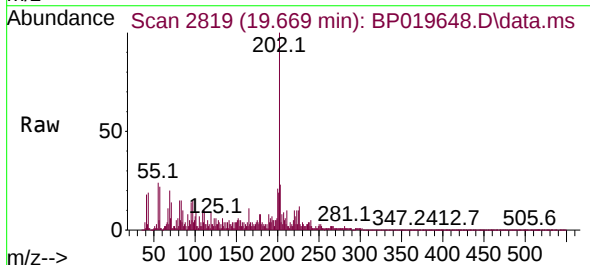
Tgt Ion:202 Resp: 302378

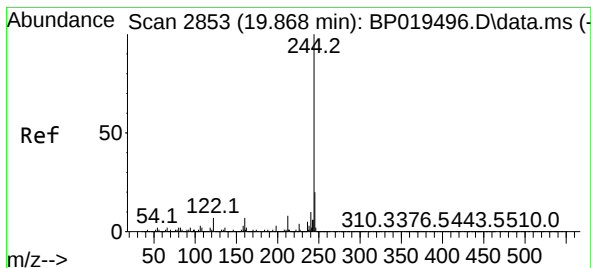
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 23.2 14.2 21.2#





#79

Terphenyl-d14

Concen: 92.579 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

Instrument :

BNA_P

ClientSampleId :

72-11929

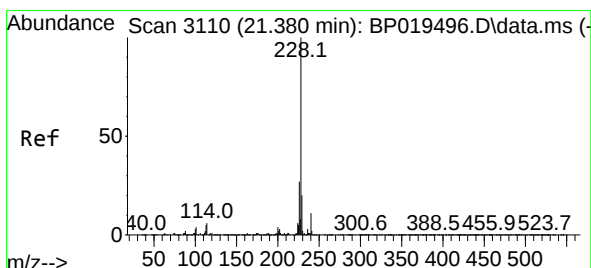
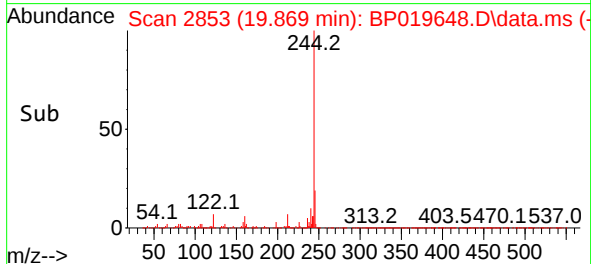
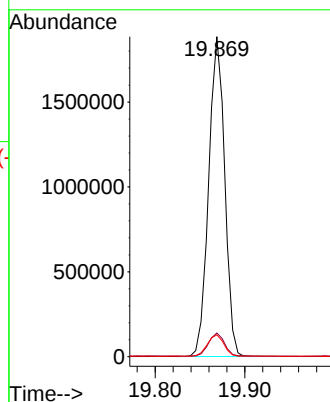
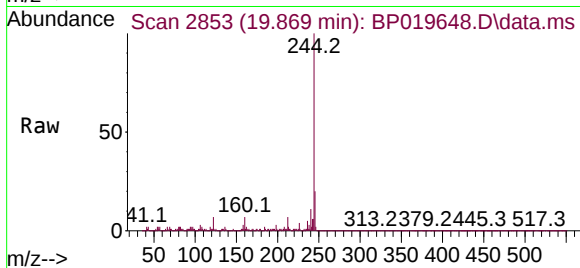
Tgt Ion:244 Resp: 2335013

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.9 5.9 8.9



#81

Benzo(a)anthracene

Concen: 3.117 ng

RT: 21.375 min Scan# 3109

Delta R.T. -0.005 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

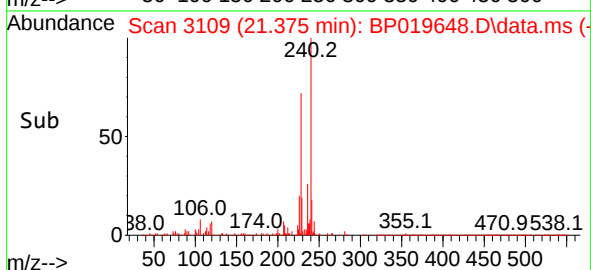
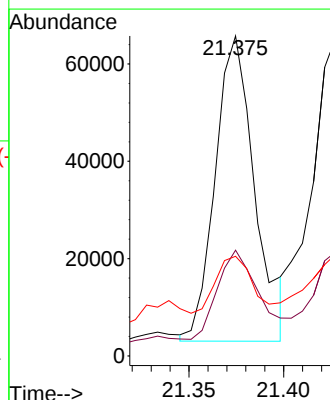
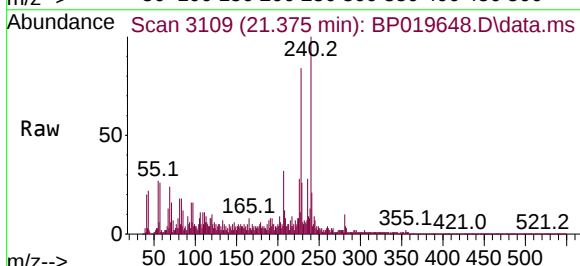
Tgt Ion:228 Resp: 91011

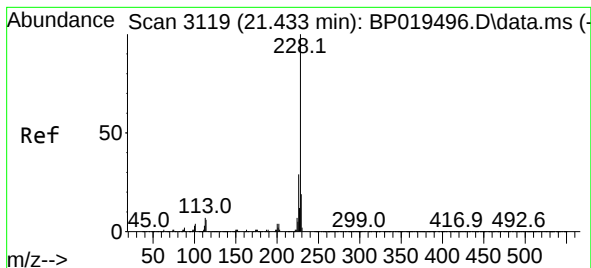
Ion Ratio Lower Upper

228 100

226 33.1 21.7 32.5#

229 31.2 15.6 23.4#





#83

Chrysene

Concen: 3.479 ng

RT: 21.428 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

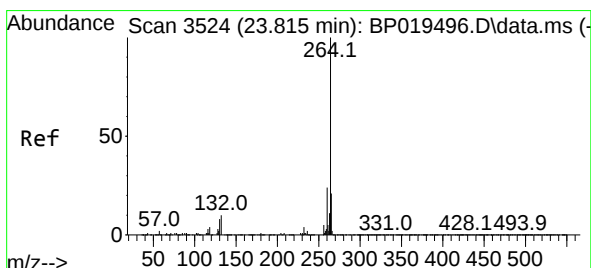
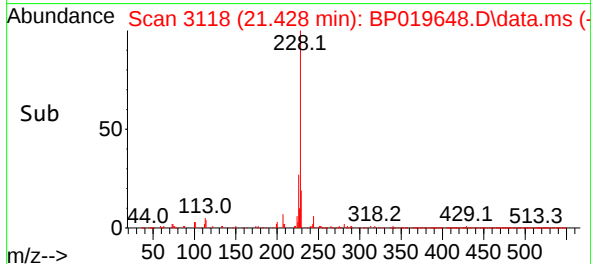
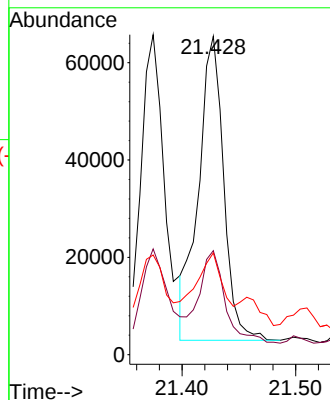
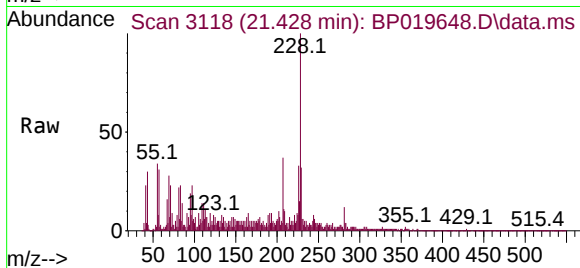
Instrument :

BNA_P

ClientSampleId :

72-11929

Tgt Ion:228	Resp:	96445
Ion Ratio	Lower	Upper
228	100	
226	32.7	23.4 35.2
229	32.0	15.6 23.4#



#86

Perylene-d12

Concen: 20.000 ng

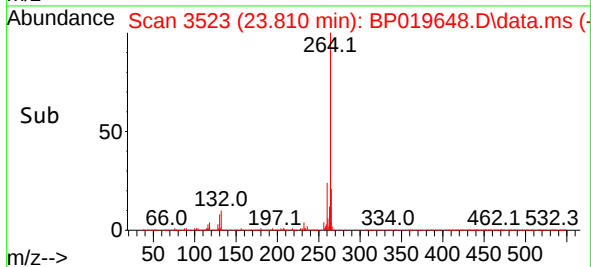
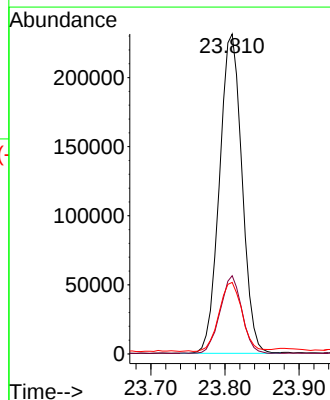
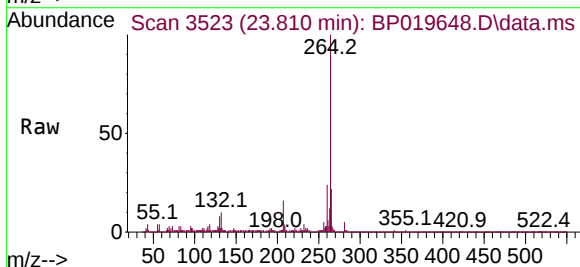
RT: 23.810 min Scan# 3523

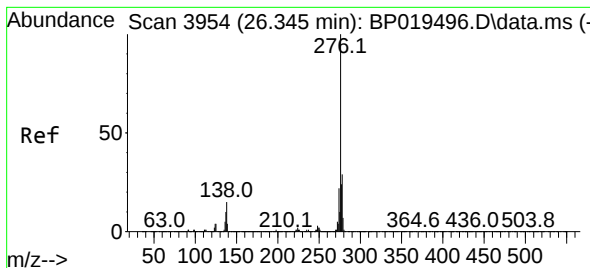
Delta R.T. -0.005 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

Tgt Ion:264	Resp:	487297
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.2 28.8
265	22.4	17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.538 ng

RT: 26.321 min Scan# 3950

Delta R.T. -0.023 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

Instrument :

BNA_P

ClientSampleId :

72-11929

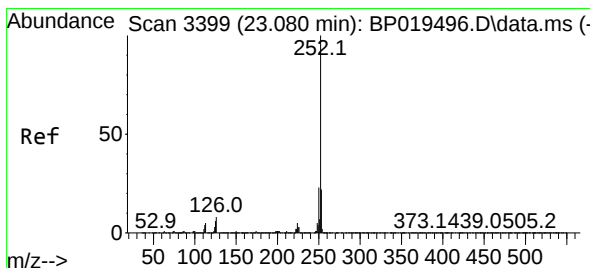
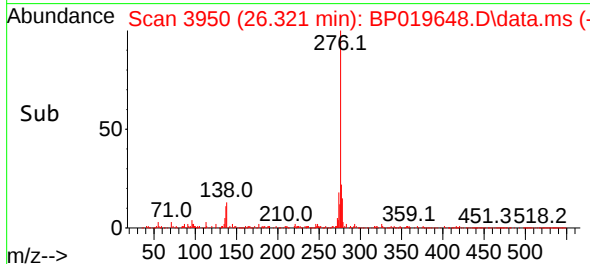
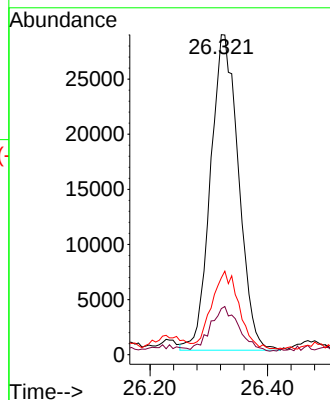
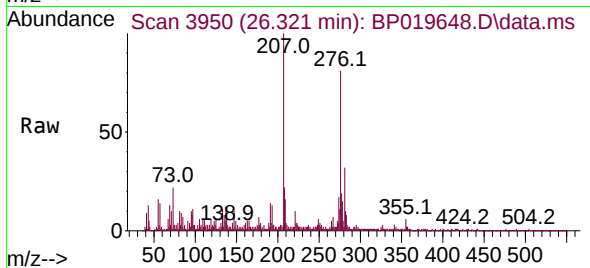
Tgt Ion:276 Resp: 94669

Ion Ratio Lower Upper

276 100

138 14.3 13.1 19.7

277 24.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 4.831 ng

RT: 23.069 min Scan# 3397

Delta R.T. -0.011 min

Lab File: BP019648.D

Acq: 10 Feb 2024 00:06

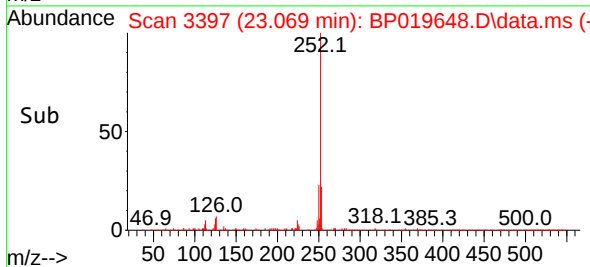
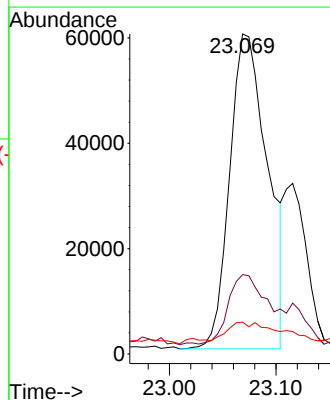
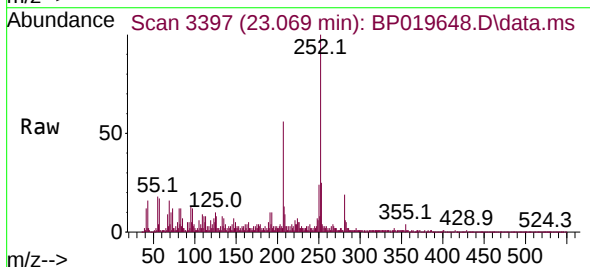
Tgt Ion:252 Resp: 148383

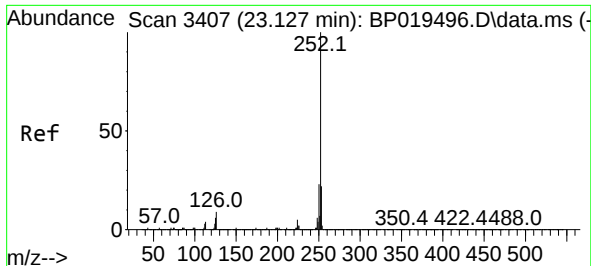
Ion Ratio Lower Upper

252 100

253 24.8 17.3 25.9

125 10.0 4.9 7.3#

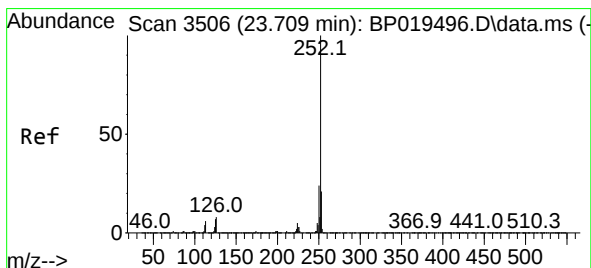
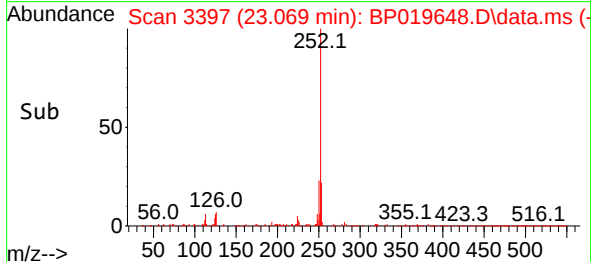
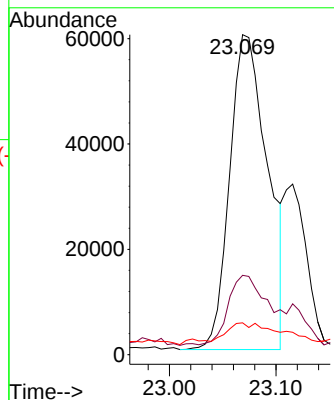
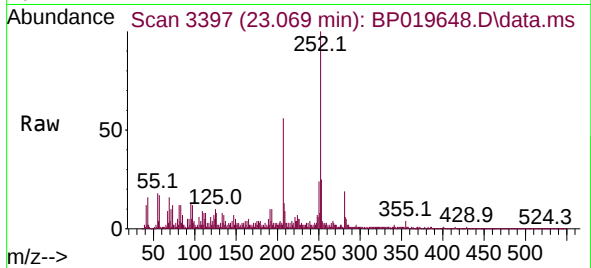




#89
Benzo(k)fluoranthene
Concen: 5.058 ng
RT: 23.069 min Scan# 311
Delta R.T. -0.058 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

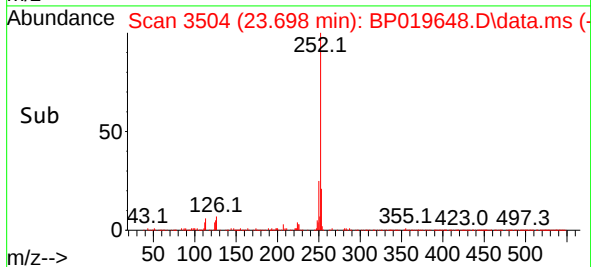
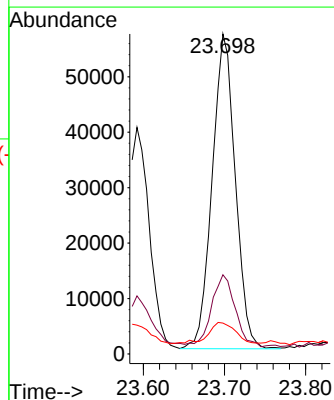
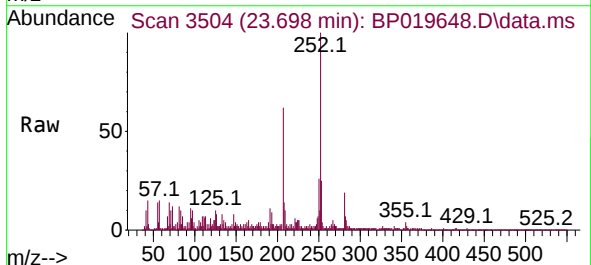
Instrument :
BNA_P
ClientSampleId :
72-11929

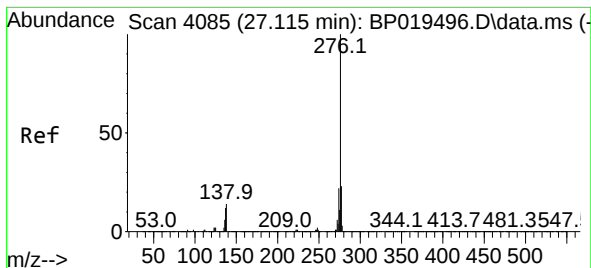
Tgt Ion:252 Resp: 148383
Ion Ratio Lower Upper
252 100
253 24.8 17.1 25.7
125 10.0 5.0 7.6#



#90
Benzo(a)pyrene
Concen: 4.119 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.011 min
Lab File: BP019648.D
Acq: 10 Feb 2024 00:06

Tgt Ion:252 Resp: 112567
Ion Ratio Lower Upper
252 100
253 24.8 17.1 25.7
125 9.7 5.6 8.4#





#92

Benzo(g,h,i)perylene

Concen: 3.022 ng

RT: 27.104 min Scan# 4083

Delta R.T. -0.011 min

Lab File: BP019648.D

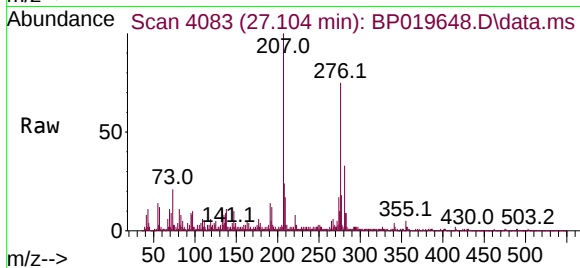
Acq: 10 Feb 2024 00:06

Instrument :

BNA_P

ClientSampleId :

72-11929



Tgt Ion:276 Resp: 94047

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 15.3 10.9 16.3

