

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
 Data File : BP019895.D
 Acq On : 27 Feb 2024 14:19
 Operator : MA/JU
 Sample : P1585-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-232MS

Quant Time: Feb 27 14:58:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	96918	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	364772	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	233345	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	430680	20.000	ng	0.00
76) Chrysene-d12	21.404	240	297425	20.000	ng	0.00
86) Perylene-d12	23.821	264	375436	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	621410	105.240	ng	0.00
7) Phenol-d6	7.075	99	992239	112.867	ng	0.00
23) Nitrobenzene-d5	9.069	82	571648	63.267	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	373068	93.242	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1276295	73.900	ng	0.00
79) Terphenyl-d14	19.869	244	1376765	72.959	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.376	88	79598	38.975	ng 96
3) Pyridine	3.775	79	206188	33.008	ng 99
4) n-Nitrosodimethylamine	3.699	42	108448	42.130	ng 98
6) Aniline	7.234	93	306879	28.456	ng 98
8) 2-Chlorophenol	7.458	128	300475	47.190	ng 99
9) Benzaldehyde	7.046	77	41718	8.314	ng 99
10) Phenol	7.099	94	421438	48.076	ng 98
11) bis(2-Chloroethyl)ether	7.334	93	305566	44.258	ng 99
12) 1,3-Dichlorobenzene	7.781	146	305891	44.248	ng 99
13) 1,4-Dichlorobenzene	7.934	146	313426	44.773	ng 99
14) 1,2-Dichlorobenzene	8.246	146	297876	42.417	ng 98
15) Benzyl Alcohol	8.152	79	284793	36.721	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.422	45	255380	34.644	ng 97
17) 2-Methylphenol	8.352	107	232251	35.426	ng 98
18) Hexachloroethane	8.963	117	119145	43.921	ng 100
19) n-Nitroso-di-n-propyla...	8.722	70	218413	32.887	ng 99
20) 3+4-Methylphenols	8.681	107	315482	33.490	ng 98
22) Acetophenone	8.734	105	429877	37.945	ng 99
24) Nitrobenzene	9.116	77	337064	38.533	ng 98
25) Isophorone	9.640	82	585432	37.225	ng 99
26) 2-Nitrophenol	9.822	139	148714	42.488	ng 99
27) 2,4-Dimethylphenol	9.881	122	197582	34.195	ng 99
28) bis(2-Chloroethoxy)met...	10.128	93	343887	39.182	ng 99
29) 2,4-Dichlorophenol	10.352	162	283058	43.919	ng 97
30) 1,2,4-Trichlorobenzene	10.563	180	323703	45.717	ng 97
31) Naphthalene	10.752	128	807908	41.366	ng 99
32) Benzoic acid	10.057	122	182420	37.263	ng 94
33) 4-Chloroaniline	10.881	127	87835	9.899	ng 99
34) Hexachlorobutadiene	11.016	225	237150	46.057	ng 100
35) Caprolactam	11.687	113	71876	30.241	ng 88
36) 4-Chloro-3-methylphenol	12.004	107	283254	35.627	ng 97
37) 2-Methylnaphthalene	12.363	142	568889	37.523	ng 99
38) 1-Methylnaphthalene	12.581	142	538322	37.524	ng 99
40) 1,2,4,5-Tetrachloroben...	12.728	216	402300	50.471	ng 99
41) Hexachlorocyclopentadiene	12.693	237	428366	103.790	ng 98
43) 2,4,6-Trichlorophenol	12.975	196	243592	46.285	ng 99

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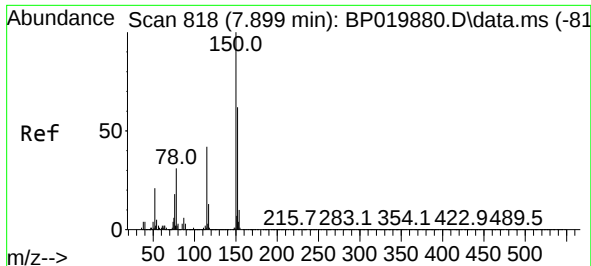
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	253340	40.410	ng	98
46) 1,1'-Biphenyl	13.375	154	768410	45.991	ng	99
47) 2-Chloronaphthalene	13.416	162	609587	47.006	ng	99
48) 2-Nitroaniline	13.640	65	173533	37.024	ng	93
49) Acenaphthylene	14.263	152	926086	44.078	ng	99
50) Dimethylphthalate	14.016	163	719202	37.756	ng	100
51) 2,6-Dinitrotoluene	14.140	165	157796	38.490	ng	98
52) Acenaphthene	14.604	154	535854	42.477	ng	100
53) 3-Nitroaniline	14.469	138	96853	23.866	ng	# 97
54) 2,4-Dinitrophenol	14.681	184	198678	74.344	ng	99
55) Dibenzofuran	14.945	168	912327	42.375	ng	99
56) 4-Nitrophenol	14.781	139	219189	69.045	ng	98
57) 2,4-Dinitrotoluene	14.928	165	207187	35.509	ng	99
58) Fluorene	15.592	166	719158	41.186	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	225644	39.230	ng	97
60) Diethylphthalate	15.381	149	678009	36.028	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	403133	40.370	ng	98
62) 4-Nitroaniline	15.634	138	119301	28.224	ng	98
63) Azobenzene	15.887	77	654893	37.382	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	124625	42.633	ng	99
66) n-Nitrosodiphenylamine	15.810	169	576975	46.688	ng	97
67) 4-Bromophenyl-phenylether	16.492	248	253836	47.666	ng	99
68) Hexachlorobenzene	16.592	284	283689	49.397	ng	100
69) Atrazine	16.781	200	202846	39.229	ng	99
70) Pentachlorophenol	16.945	266	332910	78.424	ng	98
71) Phenanthrene	17.345	178	1131412	49.217	ng	100
72) Anthracene	17.439	178	966928	41.204	ng	100
73) Carbazole	17.716	167	777095	37.388	ng	99
74) Di-n-butylphthalate	18.269	149	938426	36.101	ng	99
75) Fluoranthene	19.316	202	1136779	38.103	ng	99
77) Benzidine	19.510	184	349859	40.950	ng	99
78) Pyrene	19.669	202	1076647	52.687	ng	99
80) Butylbenzylphthalate	20.557	149	343757	42.067	ng	100
81) Benzo(a)anthracene	21.386	228	921835	43.663	ng	99
82) 3,3'-Dichlorobenzidine	21.322	252	292374	36.107	ng	99
83) Chrysene	21.439	228	845633	42.746	ng	100
84) Bis(2-ethylhexyl)phtha...	21.322	149	471314	40.179	ng	100
85) Di-n-octyl phthalate	22.263	149	782388	40.077	ng	100
87) Indeno(1,2,3-cd)pyrene	26.368	276	1372718	51.936	ng	99
88) Benzo(b)fluoranthene	23.086	252	953045	41.405	ng	99
89) Benzo(k)fluoranthene	23.133	252	897906	39.776	ng	99
90) Benzo(a)pyrene	23.721	252	895328	40.702	ng	99
91) Dibenzo(a,h)anthracene	26.392	278	1118755	50.350	ng	99
92) Benzo(g,h,i)perylene	27.145	276	1103503	51.447	ng	99

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

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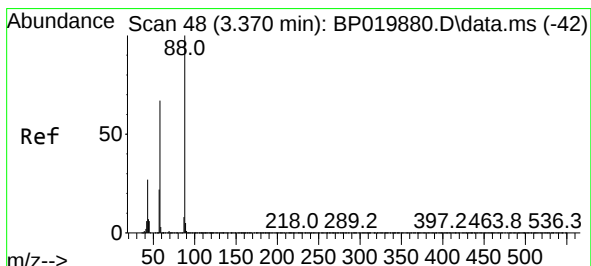
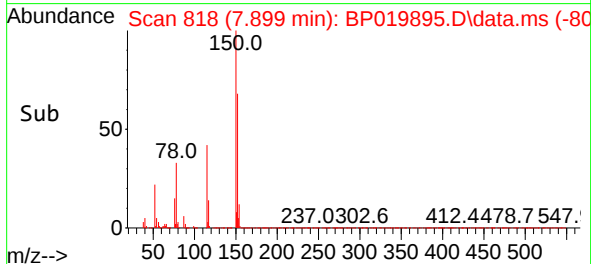
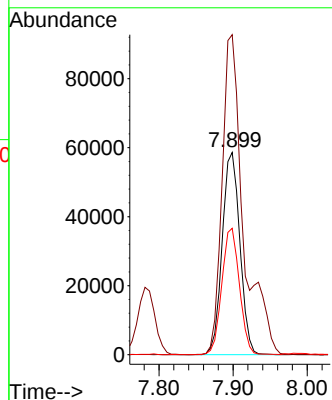
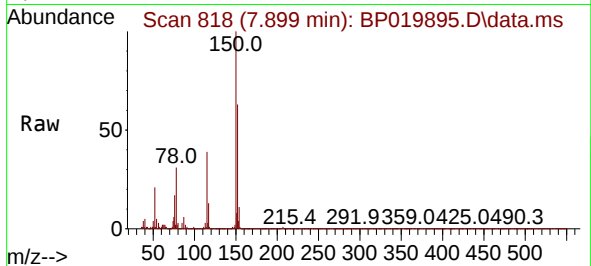




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.899 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP019895.D
 Acq: 27 Feb 2024 14:19

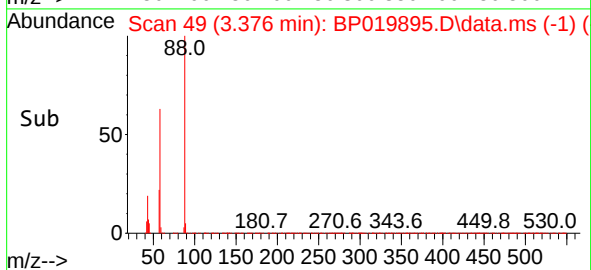
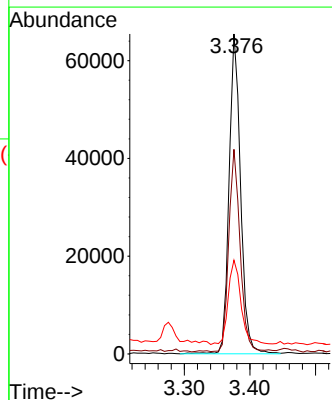
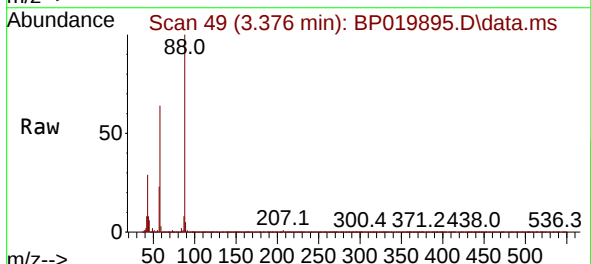
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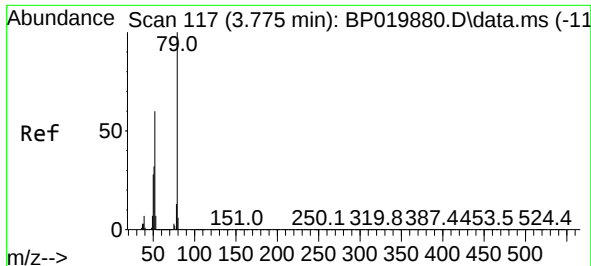
Tgt Ion:152 Resp: 96918
 Ion Ratio Lower Upper
 152 100
 150 158.2 128.6 192.8
 115 62.5 53.4 80.2



#2
 1,4-Dioxane
 Concen: 38.975 ng
 RT: 3.376 min Scan# 49
 Delta R.T. 0.006 min
 Lab File: BP019895.D
 Acq: 27 Feb 2024 14:19

Tgt Ion: 88 Resp: 79598
 Ion Ratio Lower Upper
 88 100
 58 62.2 52.0 78.0
 43 29.5 21.6 32.4

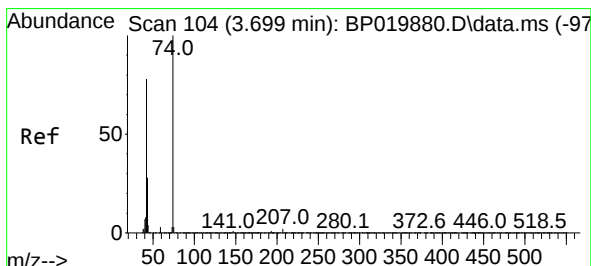
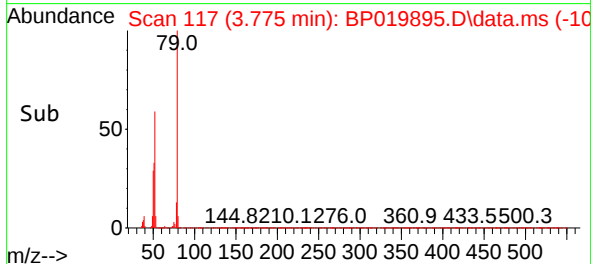
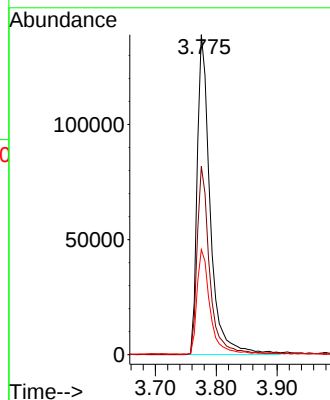
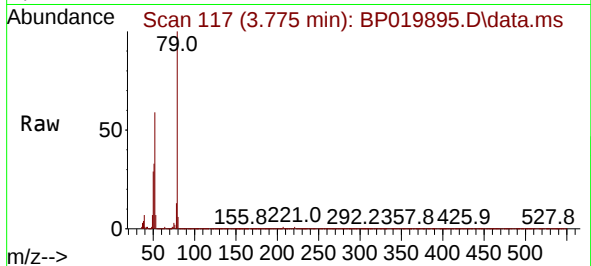




#3
Pyridine
Concen: 33.008 ng
RT: 3.775 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

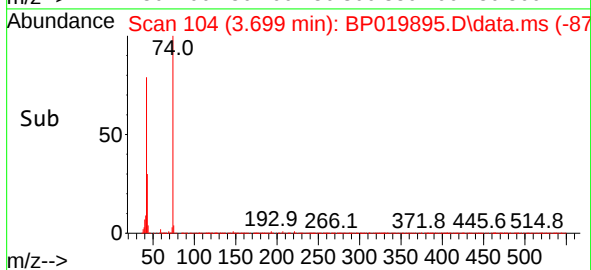
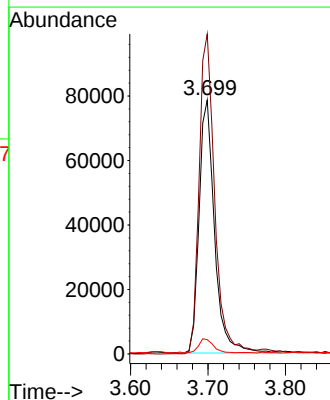
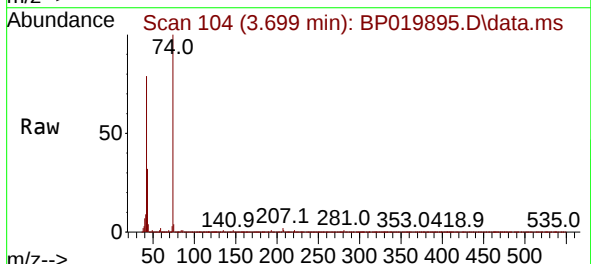
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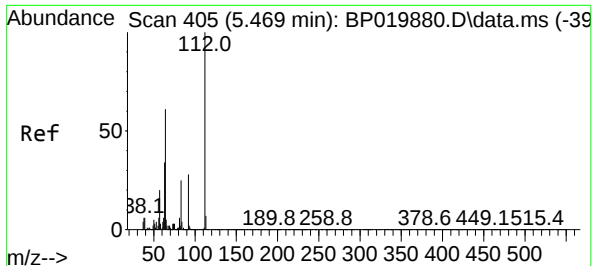
Tgt Ion: 79 Resp: 206188
Ion Ratio Lower Upper
79 100
52 58.9 47.8 71.8
51 32.8 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 42.130 ng
RT: 3.699 min Scan# 104
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion: 42 Resp: 108448
Ion Ratio Lower Upper
42 100
74 126.1 103.0 154.4
44 5.6 4.6 6.8

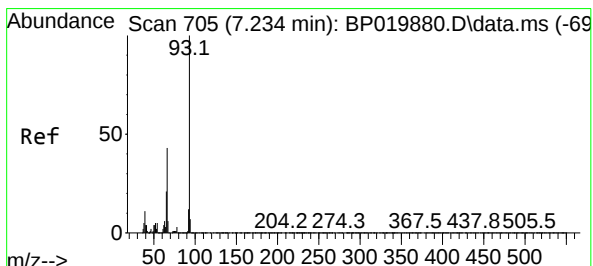
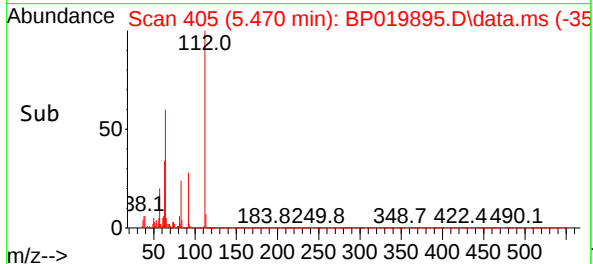
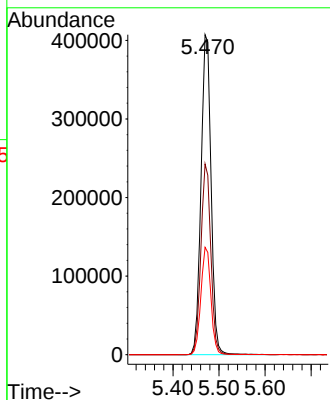
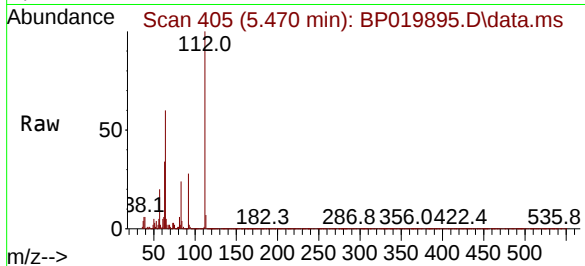




#5
2-Fluorophenol
Concen: 105.240 ng
RT: 5.470 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

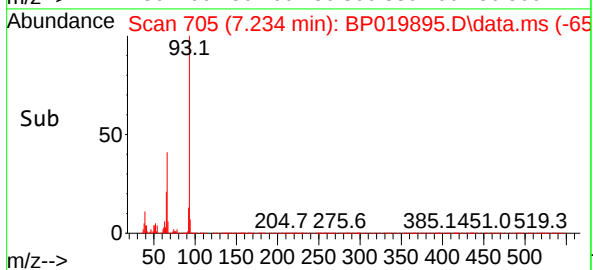
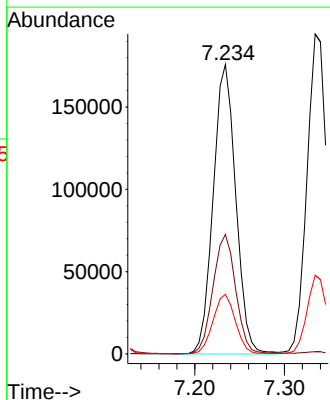
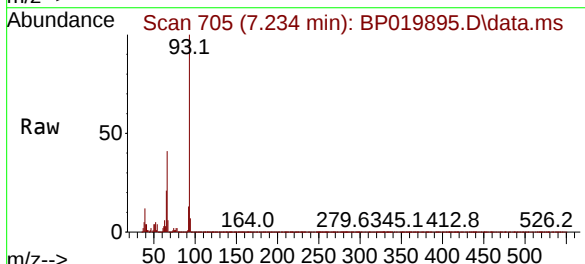
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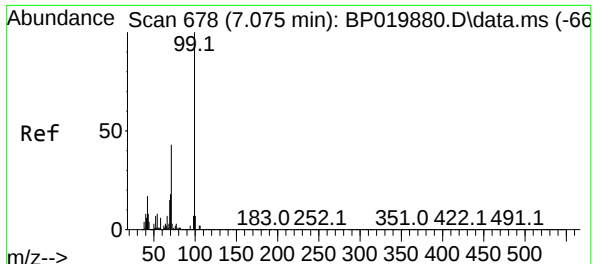
Tgt Ion:112 Resp: 621410
Ion Ratio Lower Upper
112 100
64 59.6 49.0 73.6
63 33.6 27.6 41.4



#6
Aniline
Concen: 28.456 ng
RT: 7.234 min Scan# 705
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion: 93 Resp: 306879
Ion Ratio Lower Upper
93 100
66 41.3 34.5 51.7
65 20.6 16.5 24.7

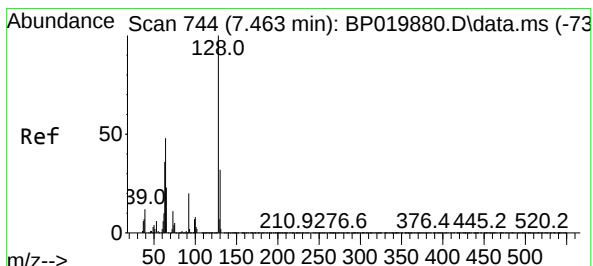
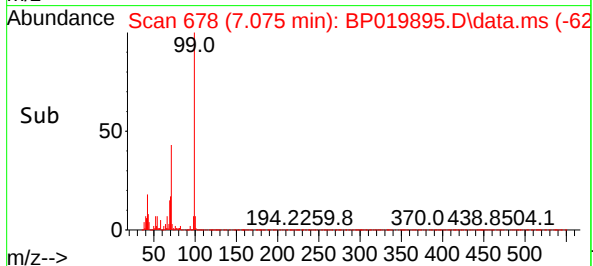
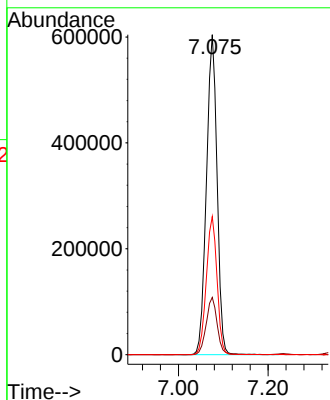
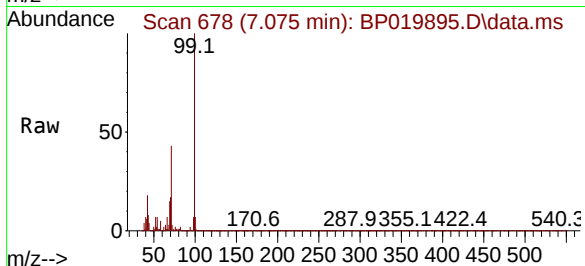




#7
Phenol-d6
Concen: 112.867 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

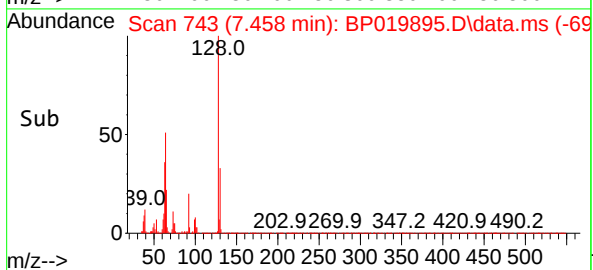
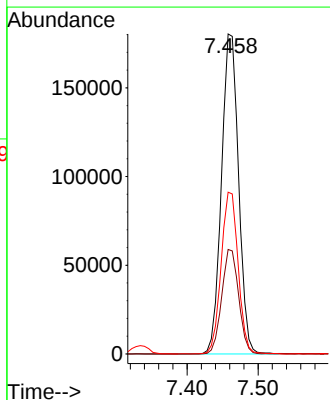
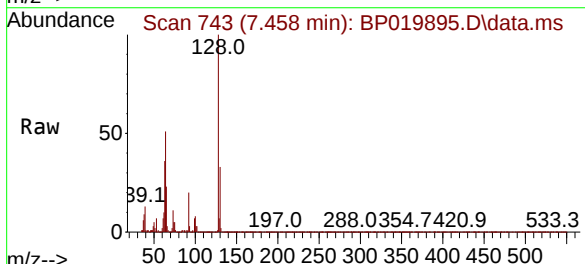
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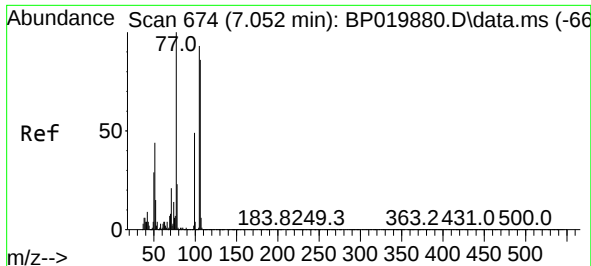
Tgt Ion: 99 Resp: 992239
Ion Ratio Lower Upper
99 100
42 17.9 13.8 20.8
71 43.1 34.5 51.7



#8
2-Chlorophenol
Concen: 47.190 ng
RT: 7.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion: 128 Resp: 300475
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 50.5 29.2 69.2

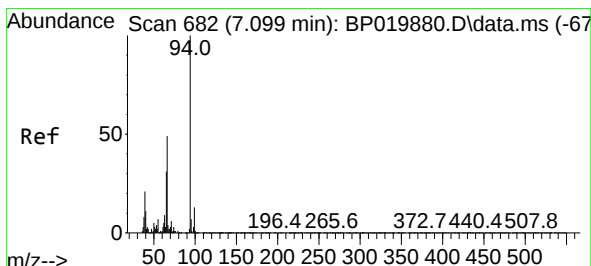
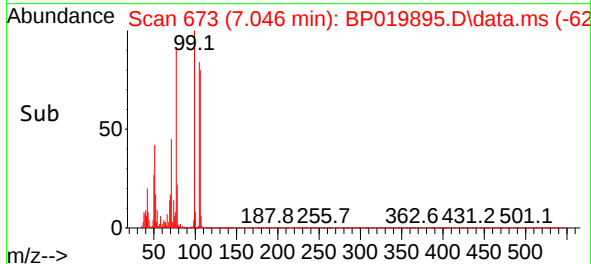
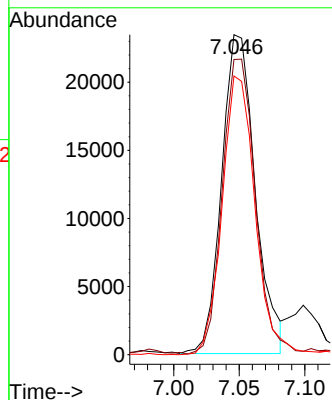
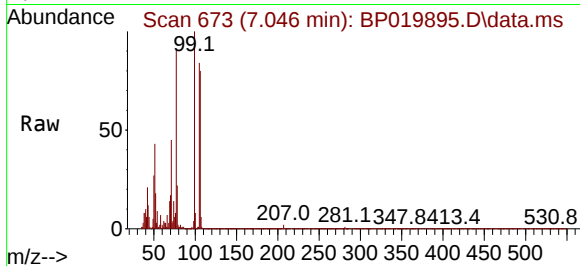




#9
Benzaldehyde
Concen: 8.314 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

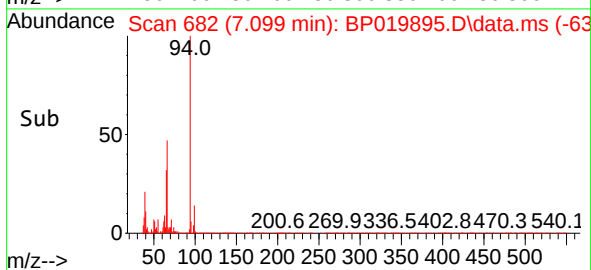
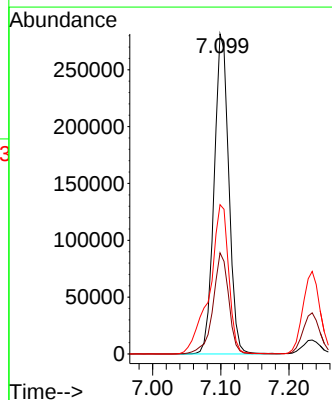
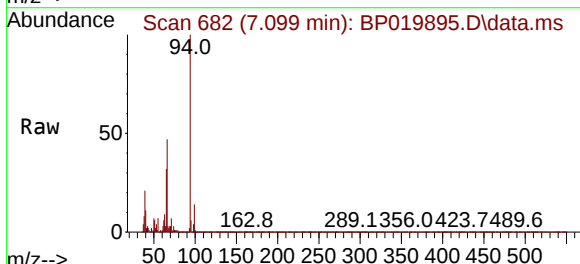
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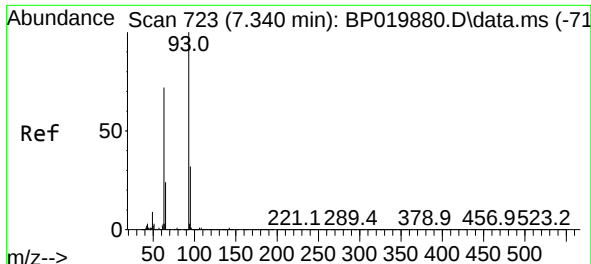
Tgt Ion: 77 Resp: 41718
Ion Ratio Lower Upper
77 100
105 92.3 73.2 113.2
106 87.1 66.3 106.3



#10
Phenol
Concen: 48.076 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP019895.D
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Tgt Ion: 94 Resp: 421438
Ion Ratio Lower Upper
94 100
65 31.6 11.5 51.5
66 46.6 29.2 69.2

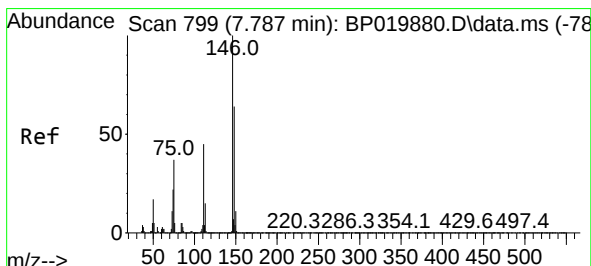
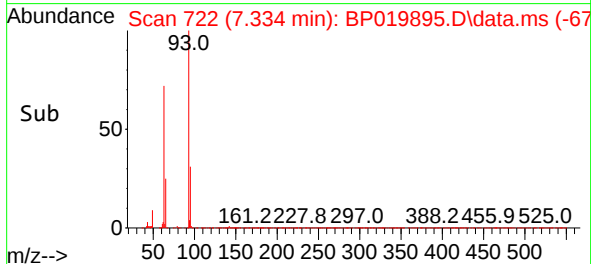
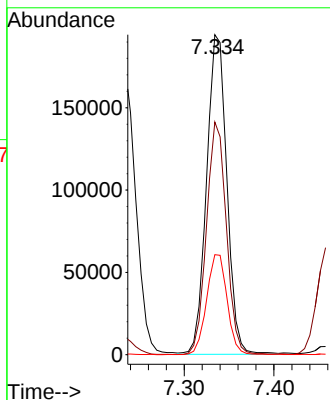
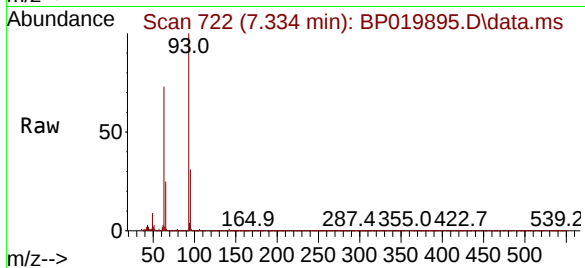




#11
bis(2-Chloroethyl)ether
Concen: 44.258 ng
RT: 7.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

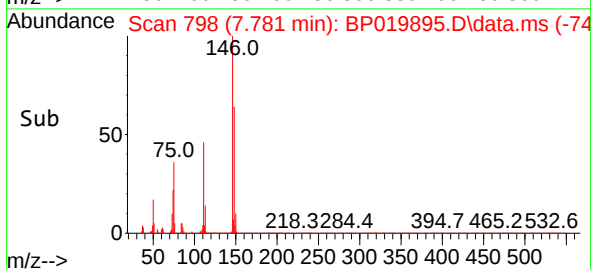
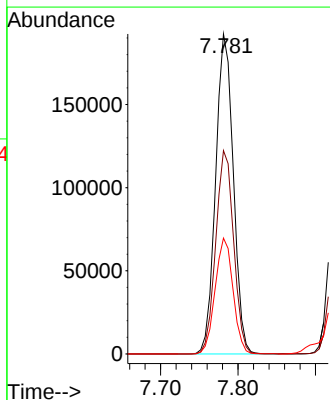
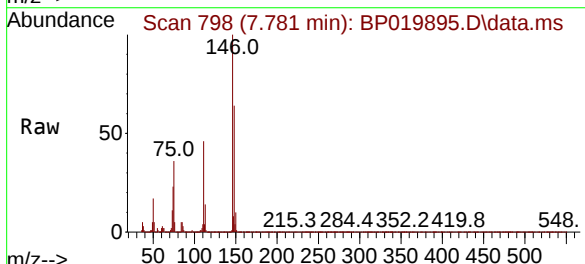
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

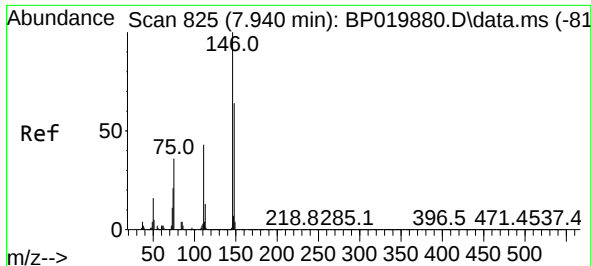
Tgt Ion: 93 Resp: 305566
Ion Ratio Lower Upper
93 100
63 72.7 52.0 92.0
95 31.2 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 44.248 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:146 Resp: 305891
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 36.2 29.8 44.8

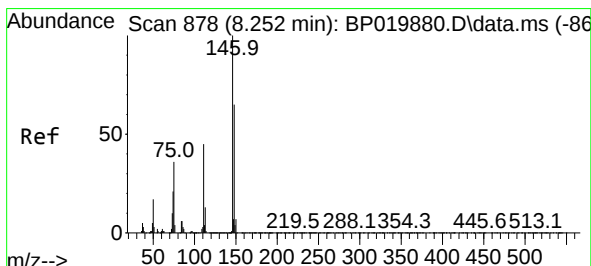
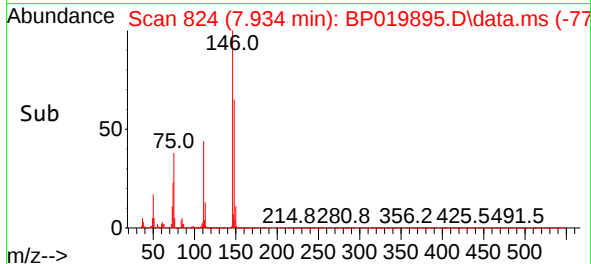
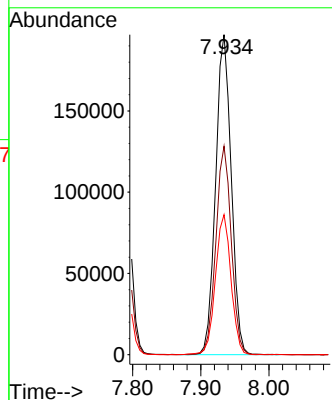
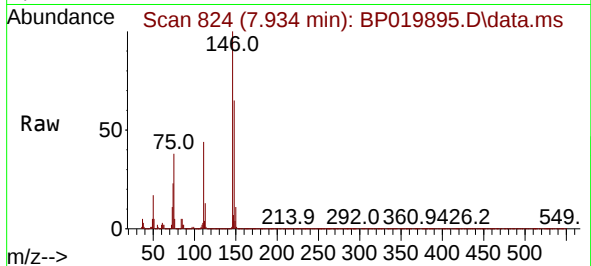




#13
1,4-Dichlorobenzene
Concen: 44.773 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

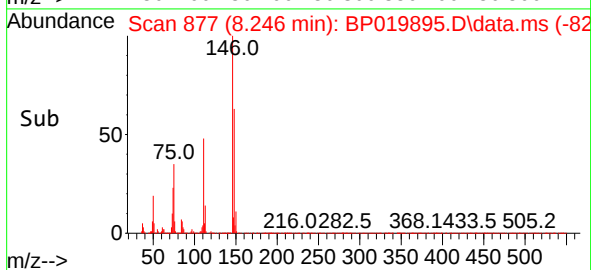
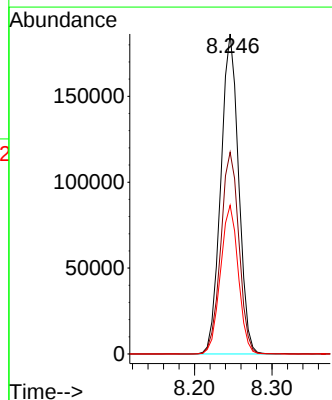
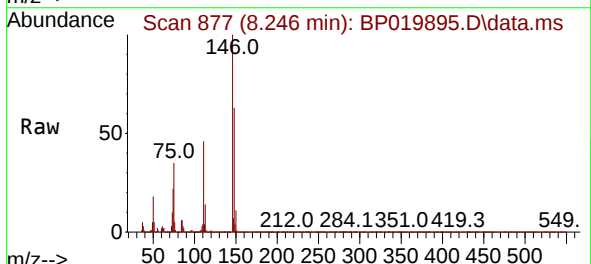
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

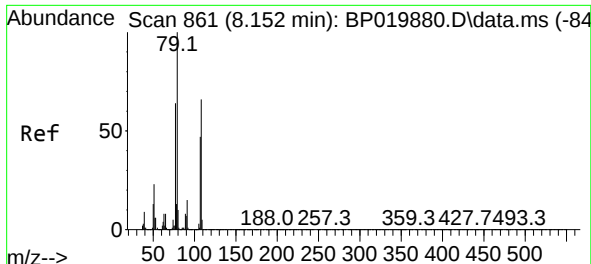
Tgt Ion:146 Resp: 313426
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.6
111 43.8 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 42.417 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:146 Resp: 297876
Ion Ratio Lower Upper
146 100
148 63.1 51.7 77.5
111 46.4 35.9 53.9

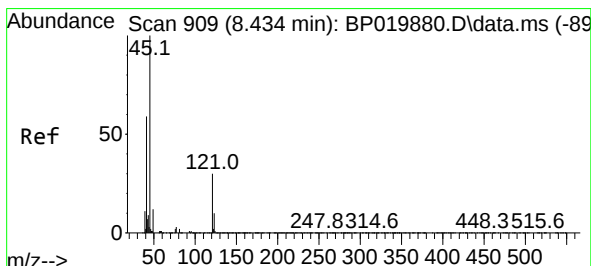
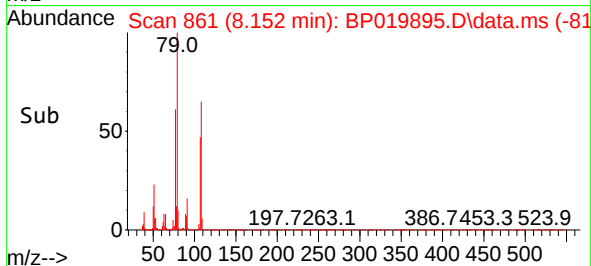
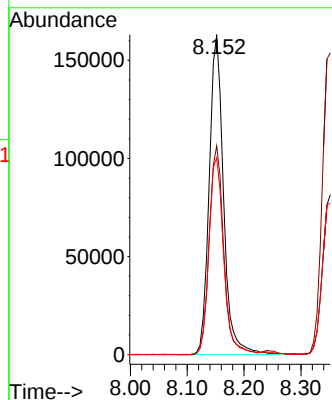
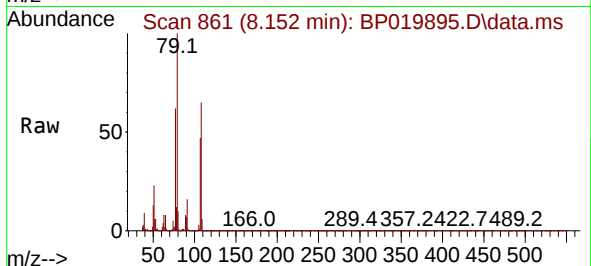




#15
Benzyl Alcohol
Concen: 36.721 ng
RT: 8.152 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

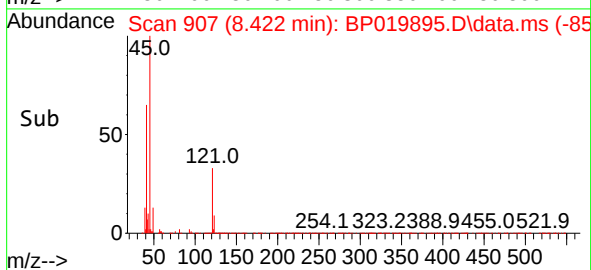
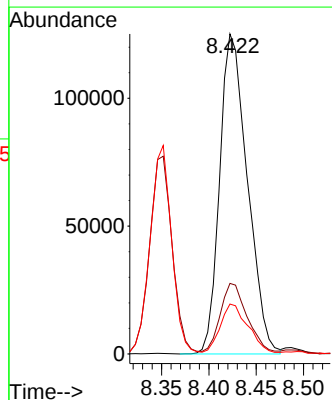
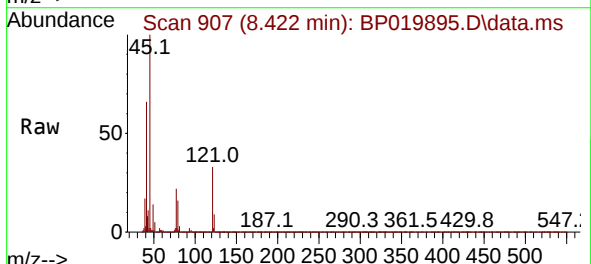
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

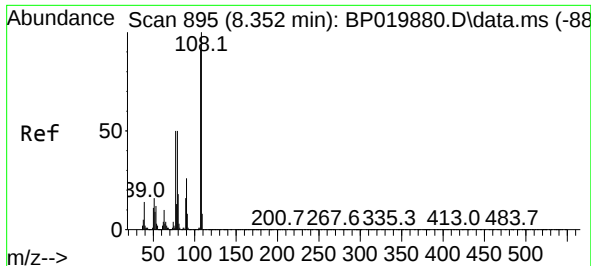
Tgt Ion: 79 Resp: 284793
Ion Ratio Lower Upper
79 100
108 65.2 52.5 78.7
77 61.5 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.644 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion: 45 Resp: 255380
Ion Ratio Lower Upper
45 100
77 22.1 0.8 40.8
79 15.6 0.0 34.7

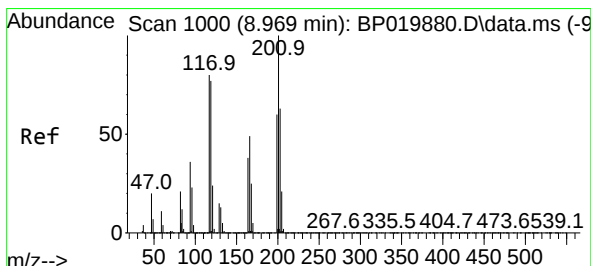
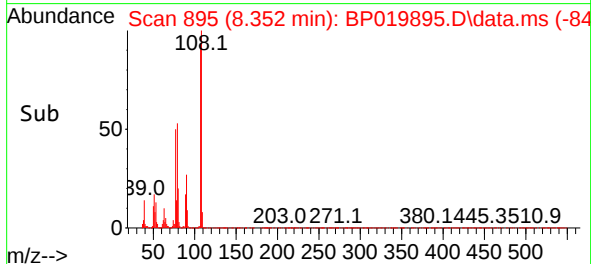
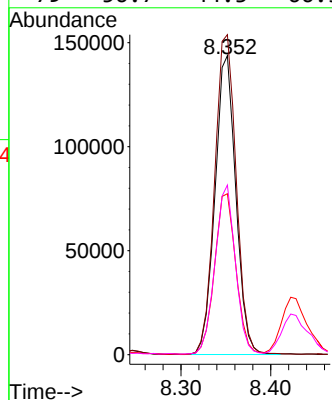
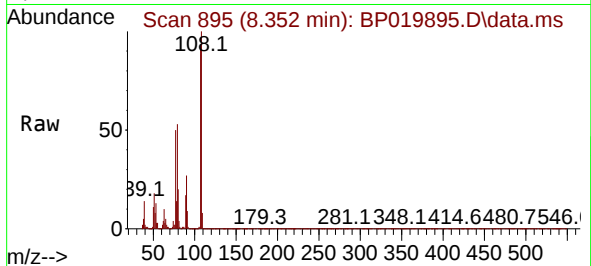




#17
2-Methylphenol
Concen: 35.426 ng
RT: 8.352 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

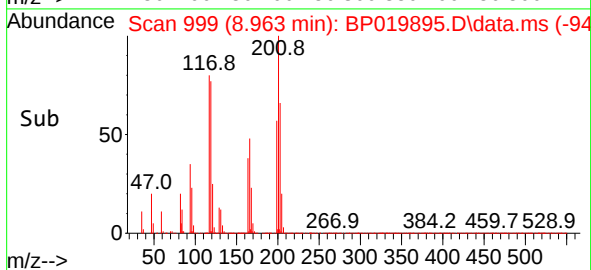
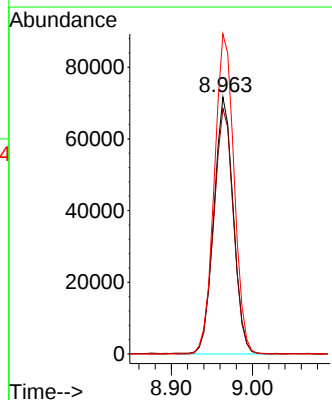
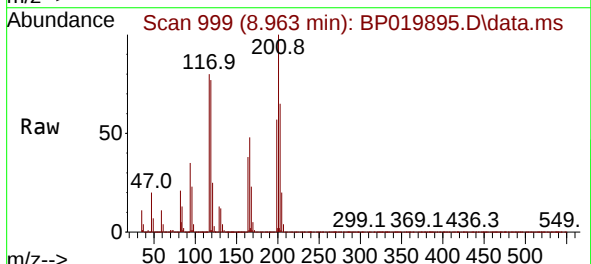
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

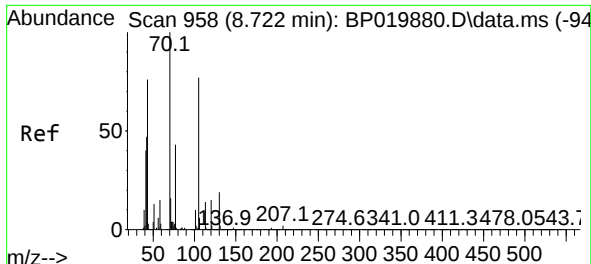
Tgt Ion:	107	Resp:	232251
Ion	Ratio	Lower	Upper
107	100		
108	107.0	88.4	132.6
77	53.8	43.8	65.8
79	56.7	44.3	66.5



#18
Hexachloroethane
Concen: 43.921 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:	117	Resp:	119145
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.9	115.3
201	124.6	99.6	149.4



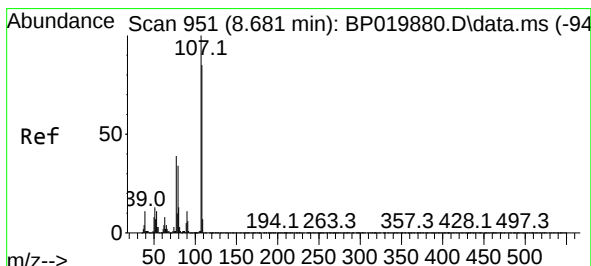
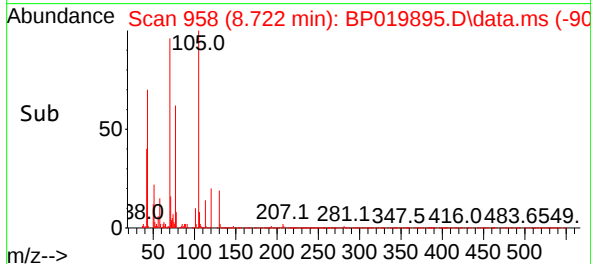
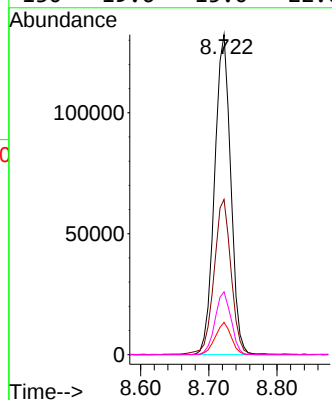
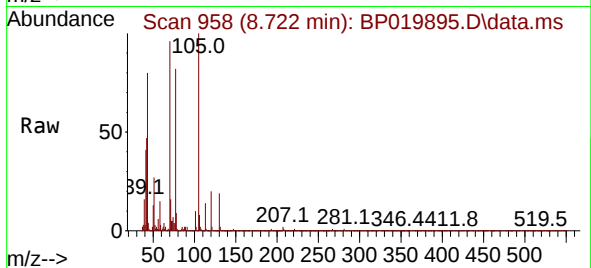


#19
n-Nitroso-di-n-propylamine
Concen: 32.887 ng
RT: 8.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

Tgt Ion: 70 Resp: 218413

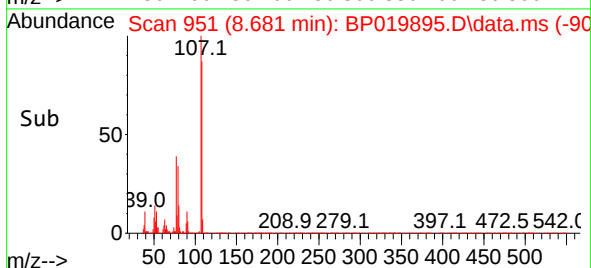
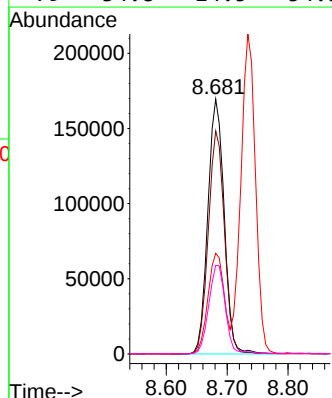
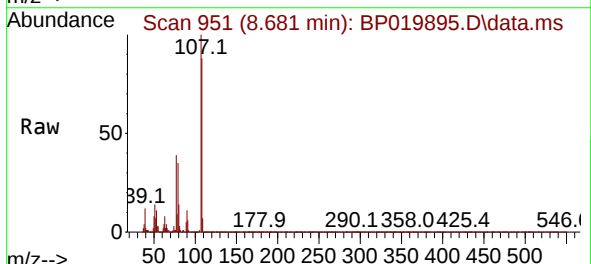
Ion	Ratio	Lower	Upper
70	100		
42	48.5	38.2	57.2
101	10.1	8.0	12.0
130	19.6	15.0	22.6

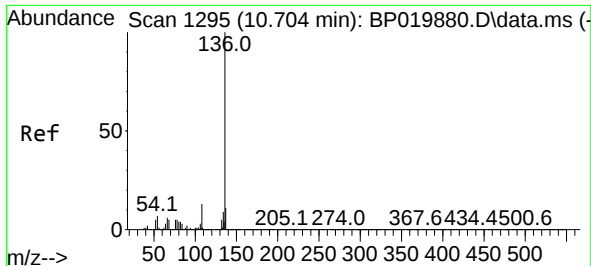


#20
3+4-Methylphenols
Concen: 33.490 ng
RT: 8.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion: 107 Resp: 315482

Ion	Ratio	Lower	Upper
107	100		
108	87.5	64.8	104.8
77	39.5	18.8	58.8
79	34.8	14.5	54.5

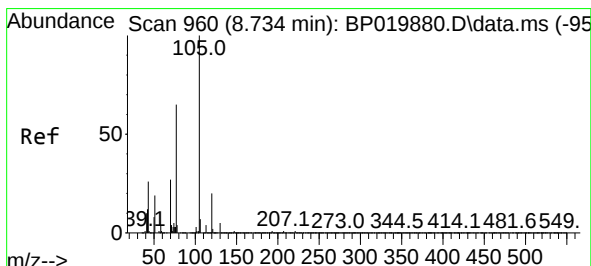
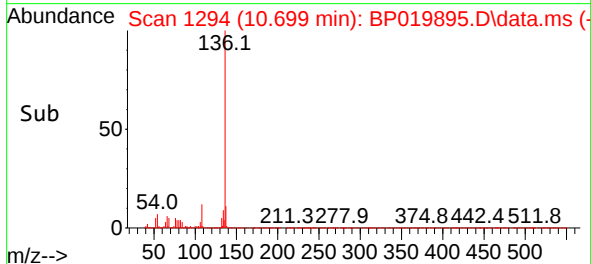
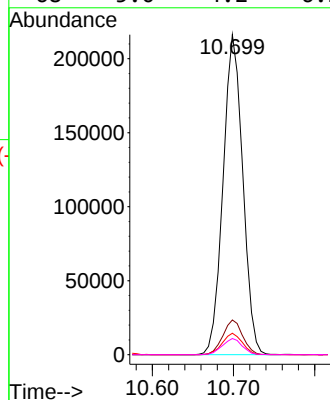
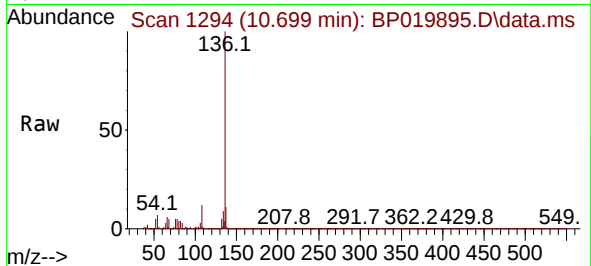




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

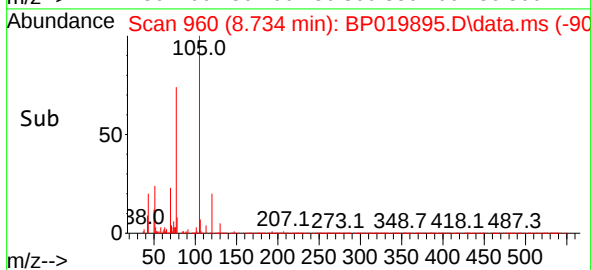
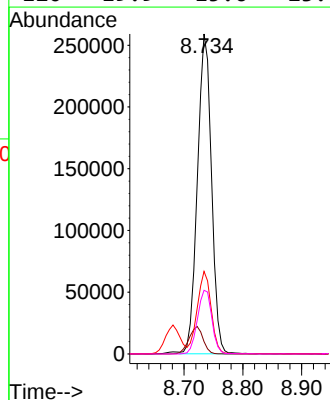
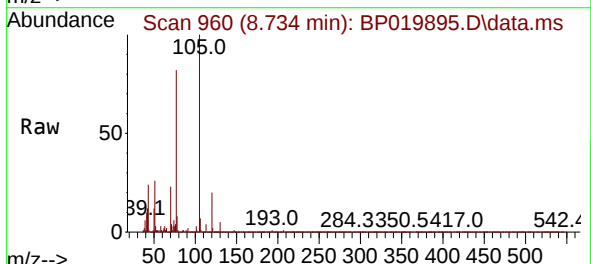
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

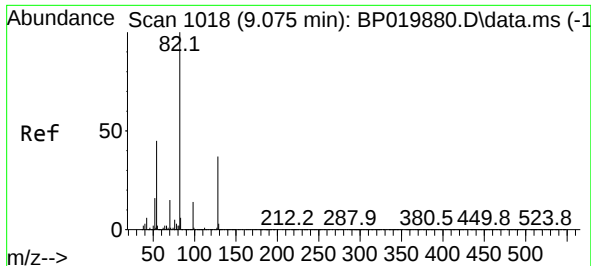
Tgt Ion:136 Resp: 364772
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.7 6.0 9.0
68 5.0 4.2 6.2



#22
Acetophenone
Concen: 37.945 ng
RT: 8.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:105 Resp: 429877
Ion Ratio Lower Upper
105 100
71 3.8 3.7 5.5
51 25.8 20.5 30.7
120 19.9 15.6 23.4

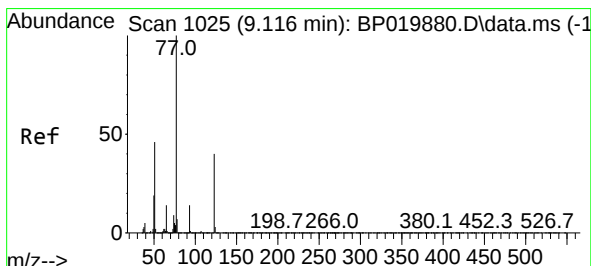
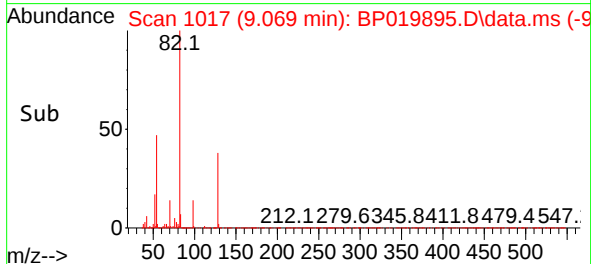
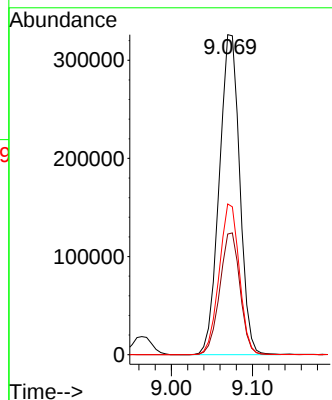
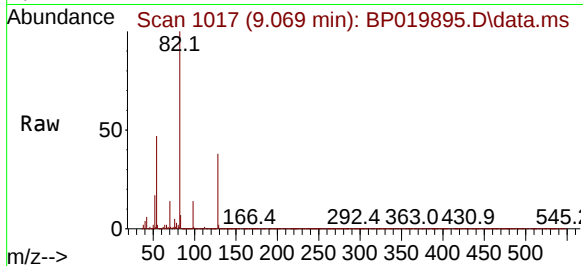




#23
Nitrobenzene-d5
Concen: 63.267 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

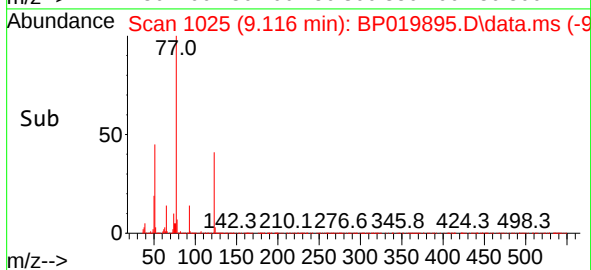
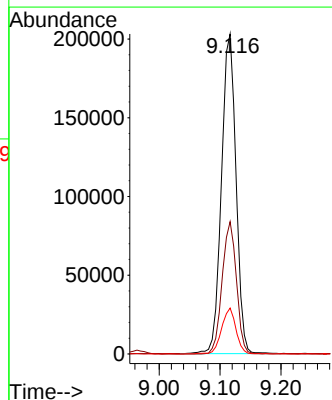
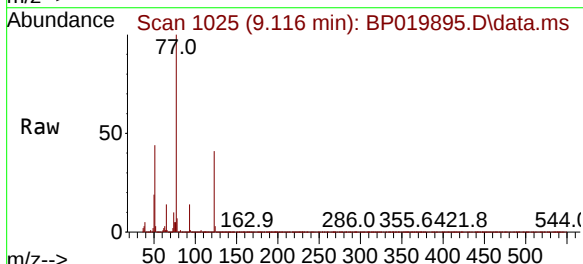
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

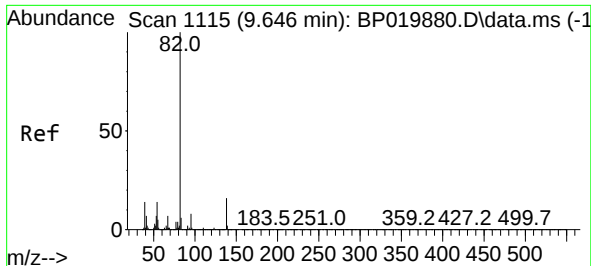
Tgt Ion: 82 Resp: 571648
Ion Ratio Lower Upper
82 100
128 37.7 29.6 44.4
54 47.1 36.3 54.5



#24
Nitrobenzene
Concen: 38.533 ng
RT: 9.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion: 77 Resp: 337064
Ion Ratio Lower Upper
77 100
123 41.3 31.8 47.6
65 14.3 11.0 16.6

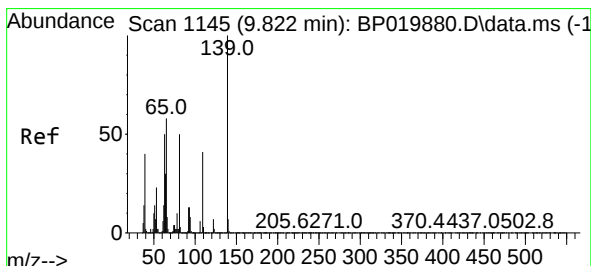
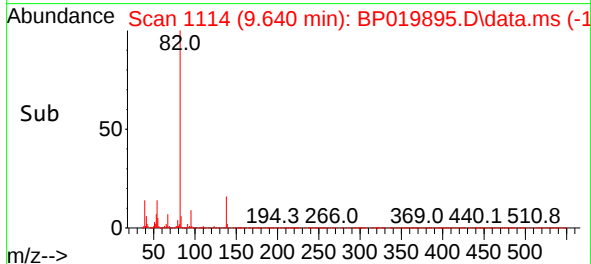
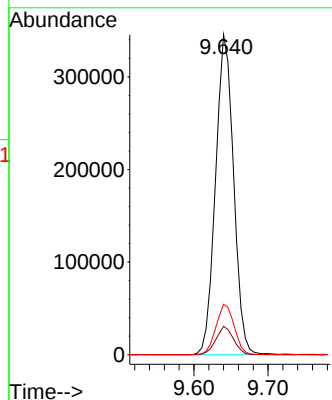
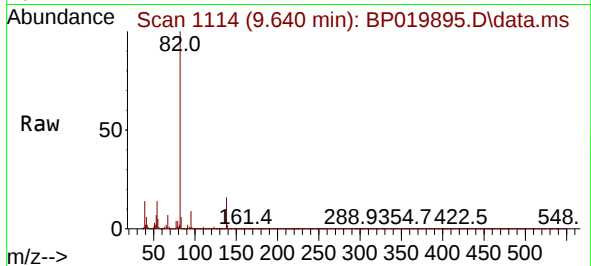




#25
Isophorone
Concen: 37.225 ng
RT: 9.640 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

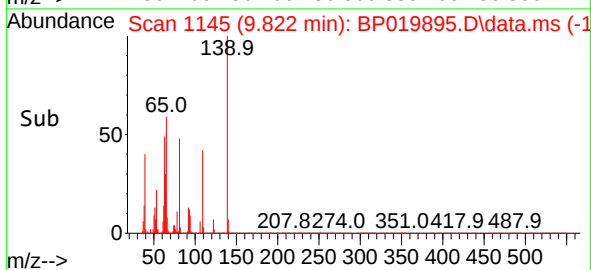
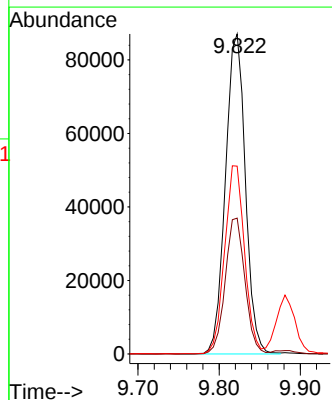
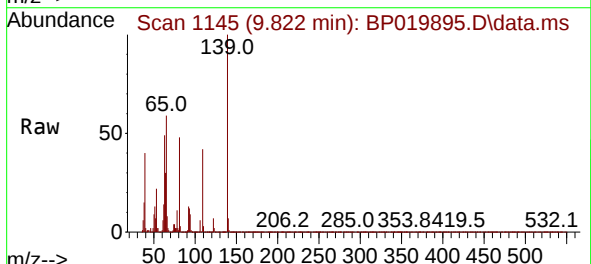
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

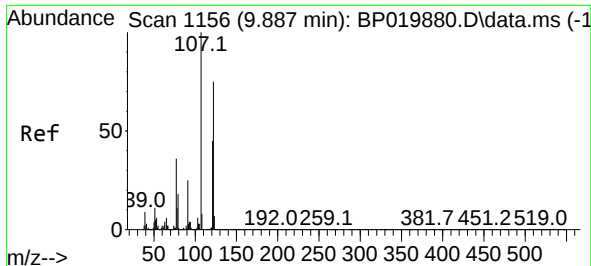
Tgt Ion:	82	Resp:	585432
Ion	Ratio	Lower	Upper
82	100		
95	8.9	6.6	10.0
138	15.7	12.8	19.2



#26
2-Nitrophenol
Concen: 42.488 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:	139	Resp:	148714
Ion	Ratio	Lower	Upper
139	100		
109	42.4	32.9	49.3
65	58.7	46.7	70.1





#27

2,4-Dimethylphenol

Concen: 34.195 ng

RT: 9.881 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

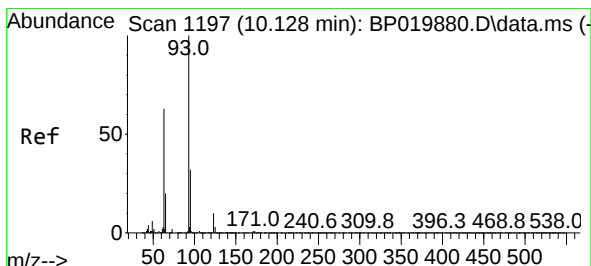
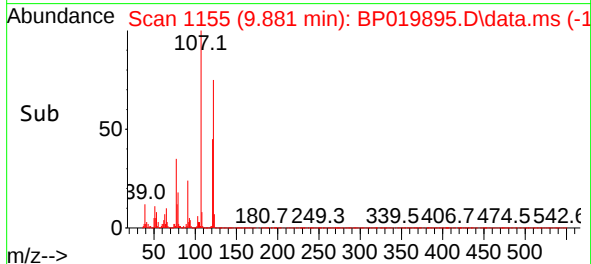
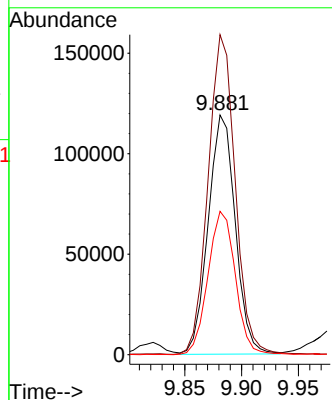
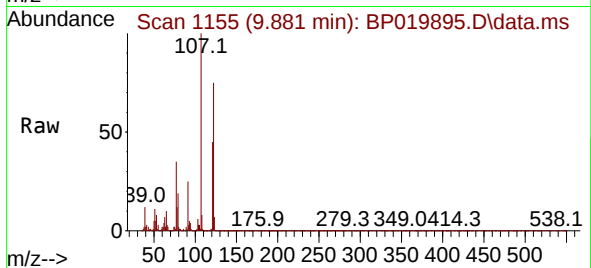
Tgt Ion:122 Resp: 197582

Ion Ratio Lower Upper

122 100

107 133.5 105.7 158.5

121 59.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.182 ng

RT: 10.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

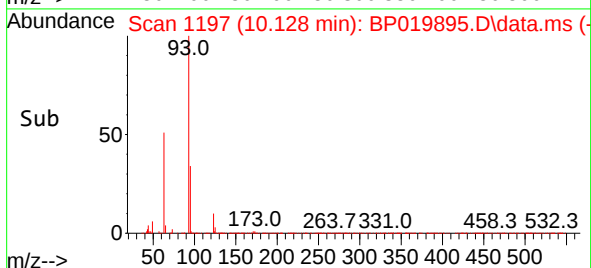
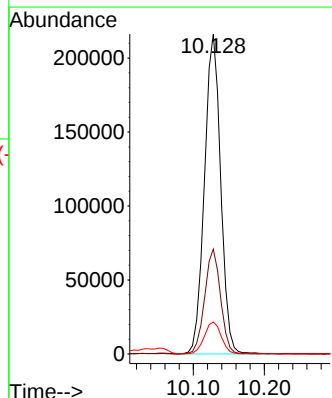
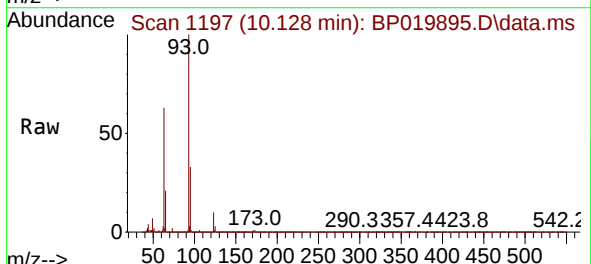
Tgt Ion: 93 Resp: 343887

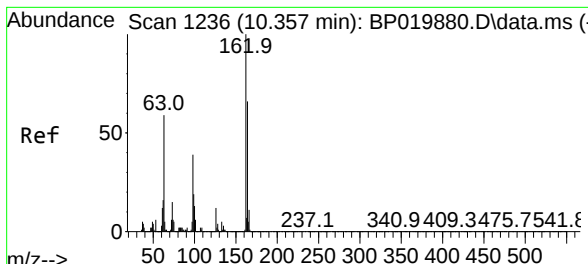
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

123 10.0 7.8 11.6



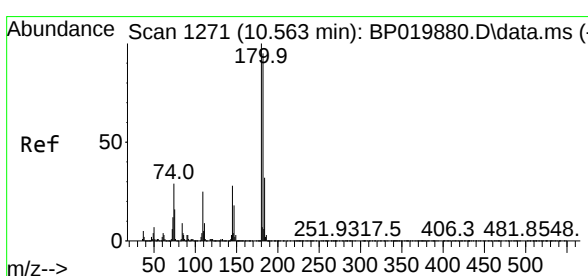
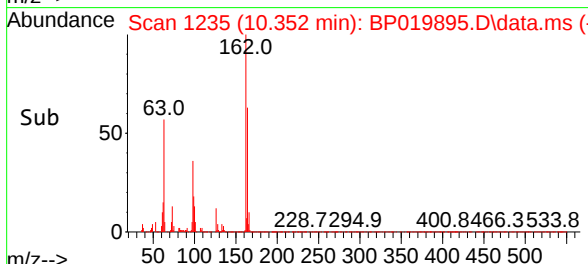
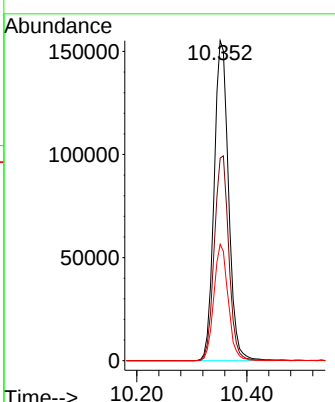
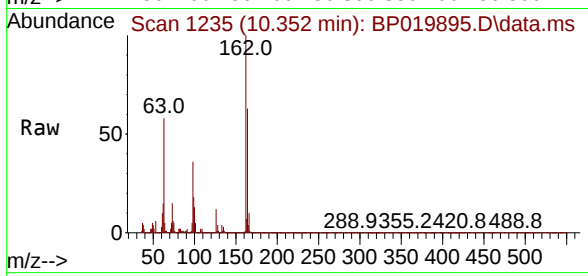


#29
 2,4-Dichlorophenol
 Concen: 43.919 ng
 RT: 10.352 min Scan# 1235
 Delta R.T. -0.006 min
 Lab File: BP019895.D
 Acq: 27 Feb 2024 14:19

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-232MS

Tgt Ion:162 Resp: 283058

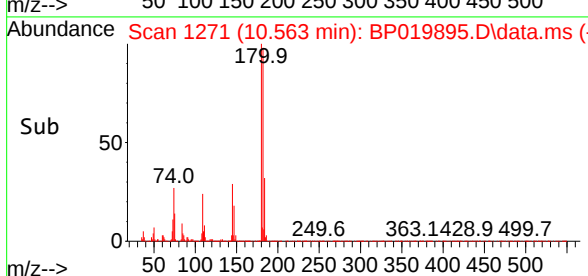
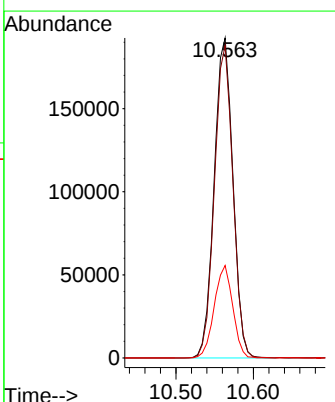
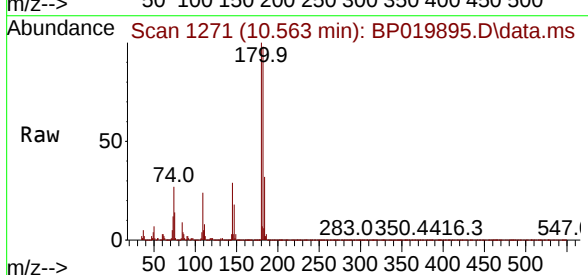
Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.8	85.8
98	36.3	18.6	58.6

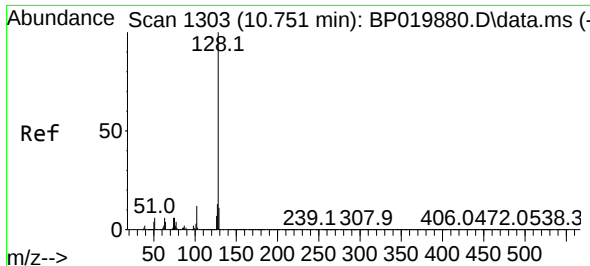


#30
 1,2,4-Trichlorobenzene
 Concen: 45.717 ng
 RT: 10.563 min Scan# 1271
 Delta R.T. 0.000 min
 Lab File: BP019895.D
 Acq: 27 Feb 2024 14:19

Tgt Ion:180 Resp: 323703

Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.7	113.5
145	28.9	22.8	34.2

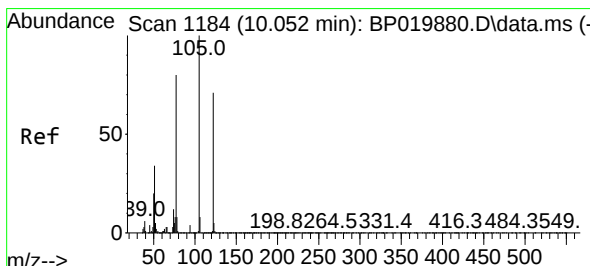
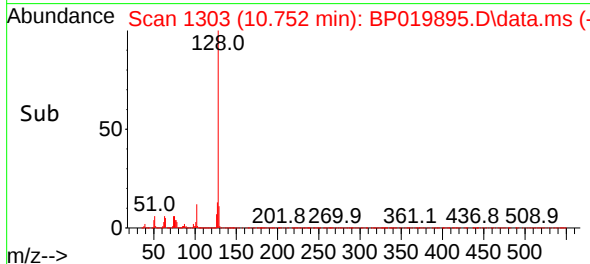
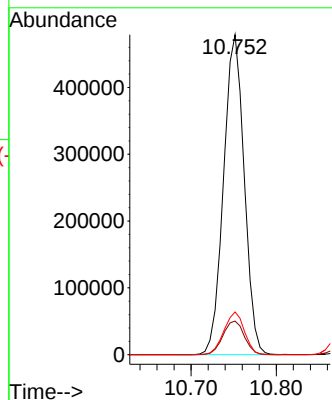
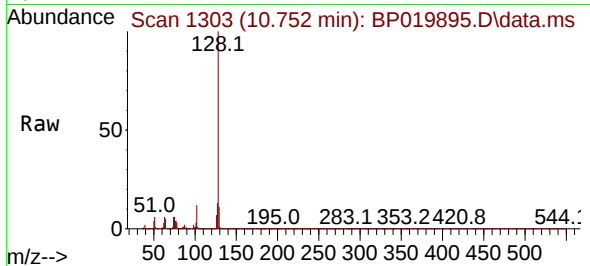




#31
Naphthalene
Concen: 41.366 ng
RT: 10.752 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

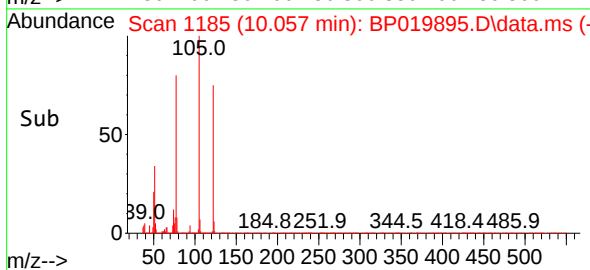
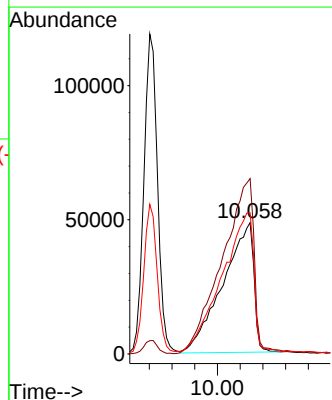
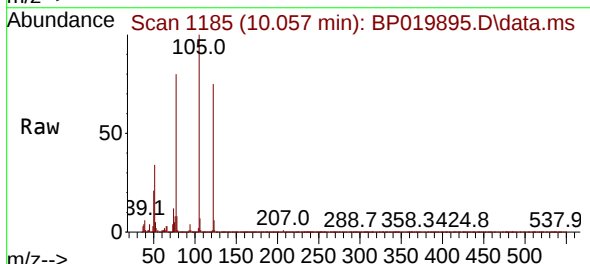
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

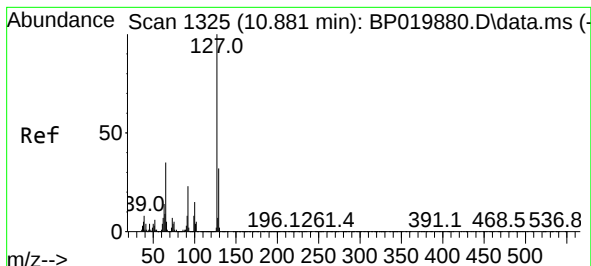
Tgt Ion:128 Resp: 807908
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.4 10.2 15.2



#32
Benzoic acid
Concen: 37.263 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:122 Resp: 182420
Ion Ratio Lower Upper
122 100
105 133.5 120.8 160.8
77 107.5 93.5 133.5





#33

4-Chloroaniline

Concen: 9.899 ng

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

Tgt Ion:127 Resp: 87835

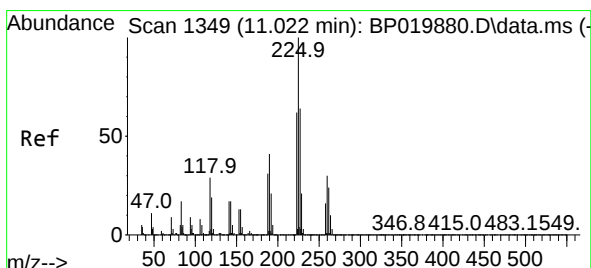
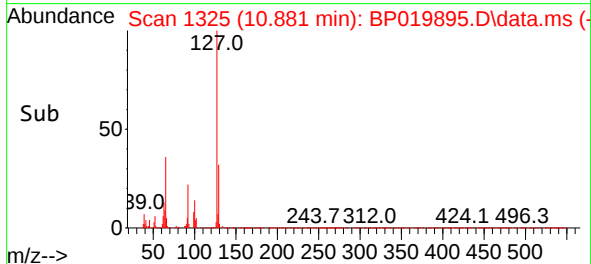
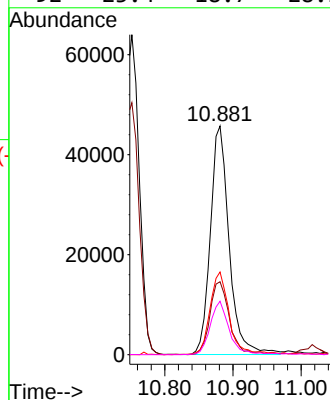
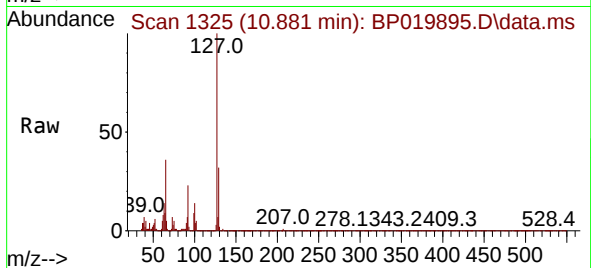
Ion Ratio Lower Upper

127 100

129 31.9 25.7 38.5

65 36.2 28.2 42.4

92 23.4 18.7 28.1



#34

Hexachlorobutadiene

Concen: 46.057 ng

RT: 11.016 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

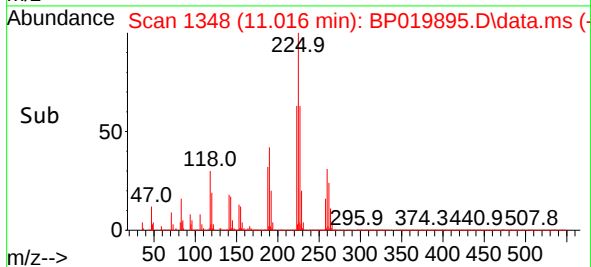
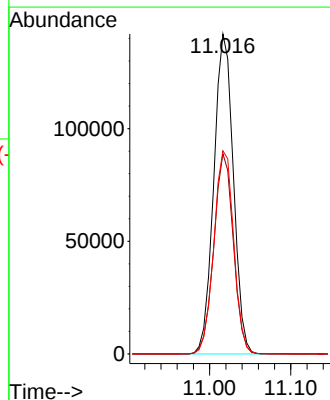
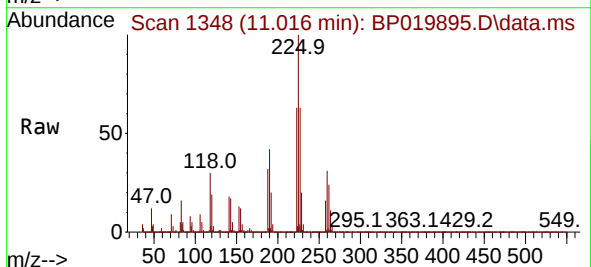
Tgt Ion:225 Resp: 237150

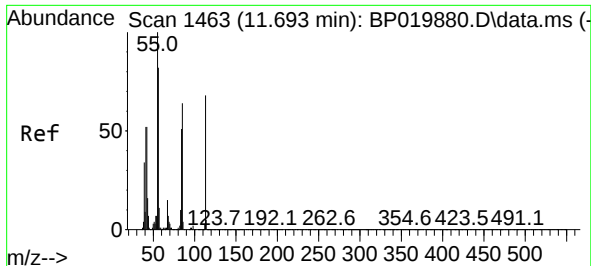
Ion Ratio Lower Upper

225 100

223 62.5 49.8 74.6

227 63.5 51.1 76.7

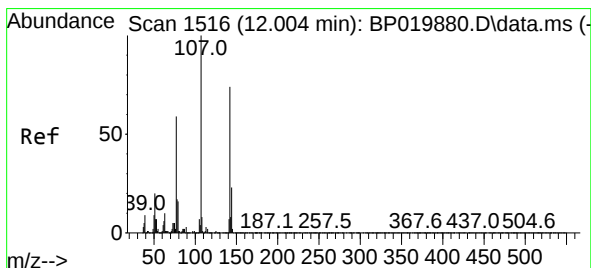
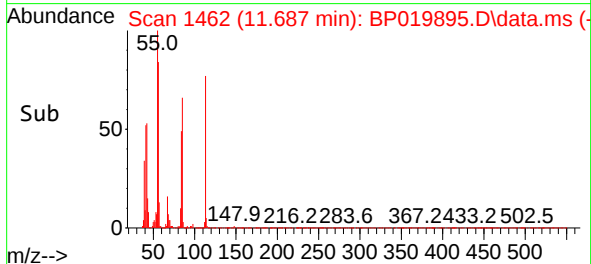
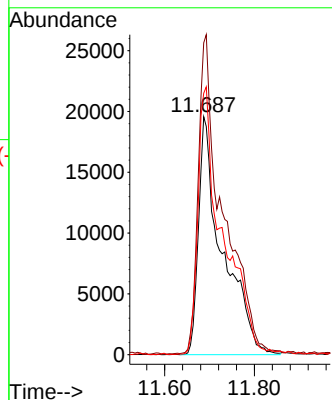
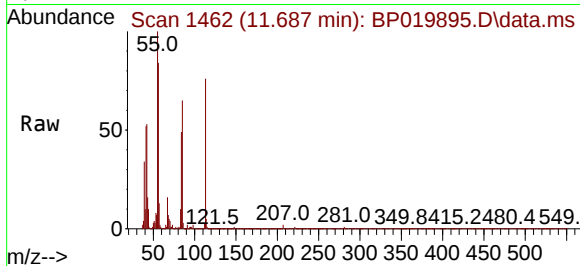




#35
Caprolactam
Concen: 30.241 ng
RT: 11.687 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

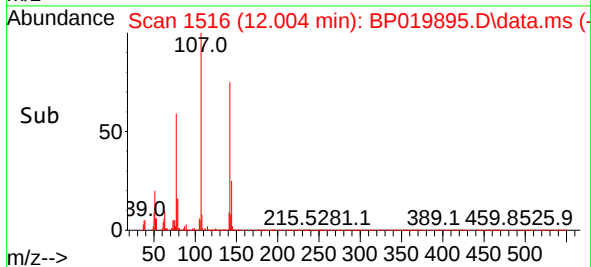
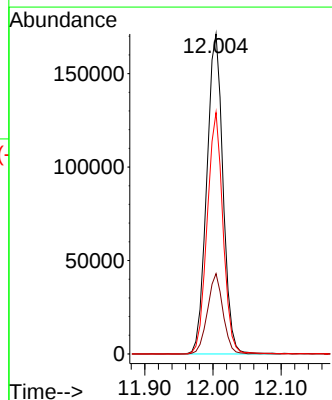
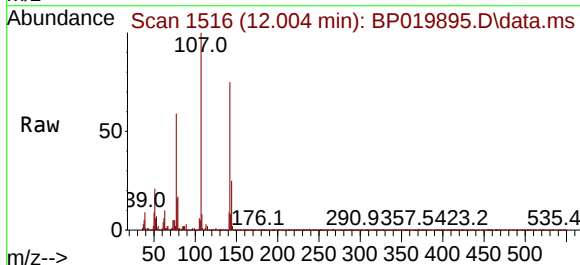
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

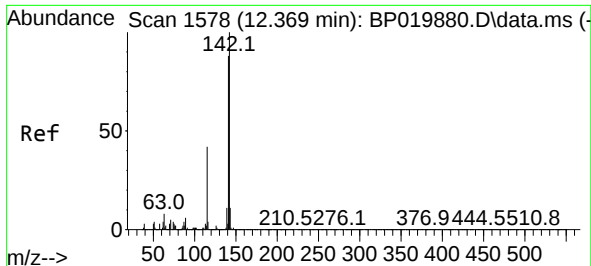
Tgt Ion:113 Resp: 71876
Ion Ratio Lower Upper
113 100
55 131.1 127.6 167.6
56 109.9 100.9 140.9



#36
4-Chloro-3-methylphenol
Concen: 35.627 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:107 Resp: 283254
Ion Ratio Lower Upper
107 100
144 25.1 18.6 28.0
142 75.5 58.8 88.2

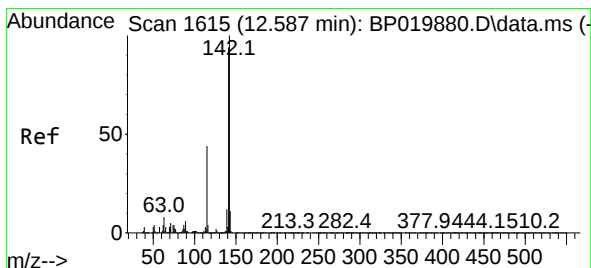
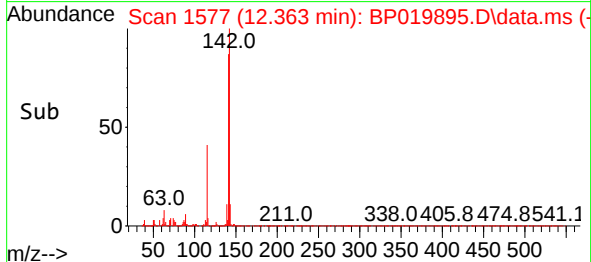
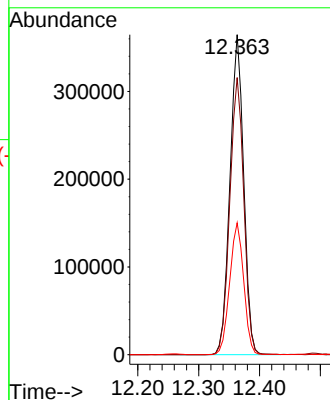
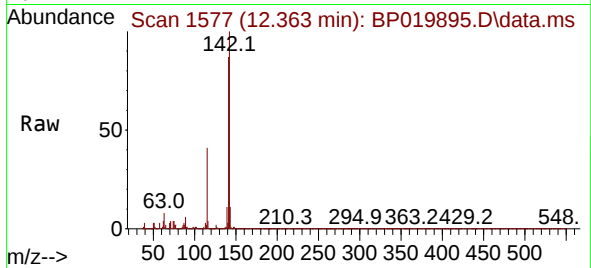




#37
2-Methylnaphthalene
Concen: 37.523 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

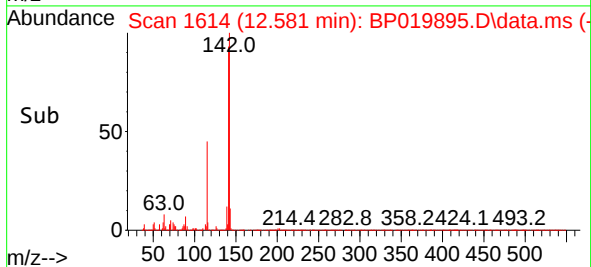
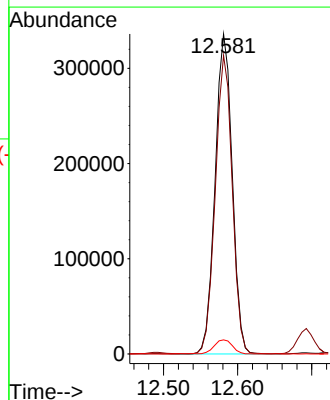
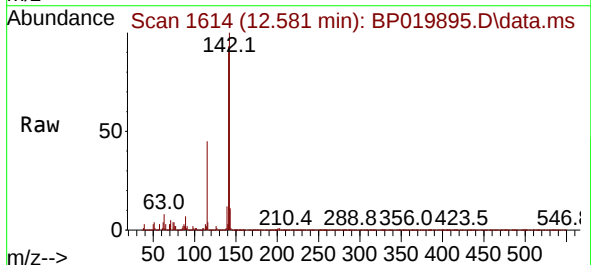
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

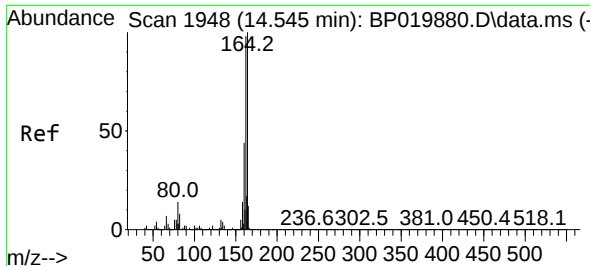
Tgt Ion:142 Resp: 568889
Ion Ratio Lower Upper
142 100
141 86.6 70.0 105.0
115 41.2 33.7 50.5



#38
1-Methylnaphthalene
Concen: 37.524 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:142 Resp: 538322
Ion Ratio Lower Upper
142 100
141 93.3 75.5 113.3
116 4.4 3.5 5.3

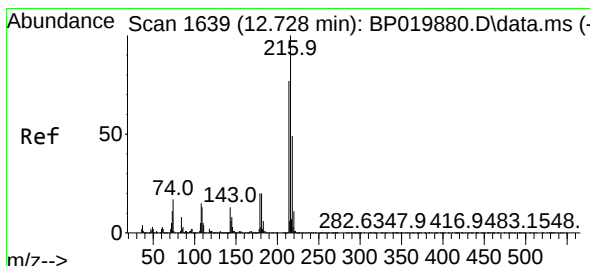
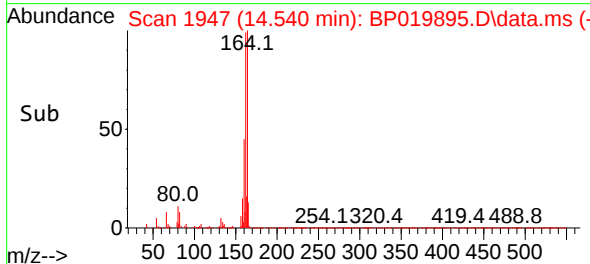
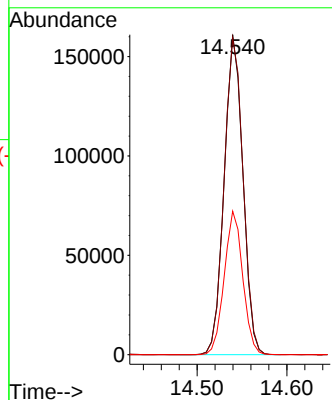
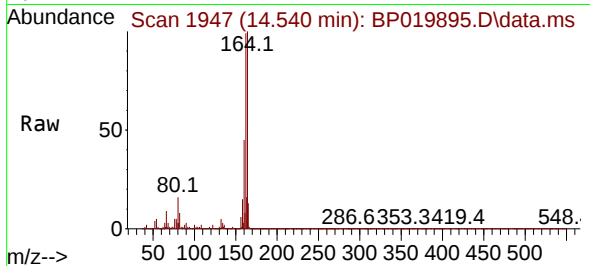




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

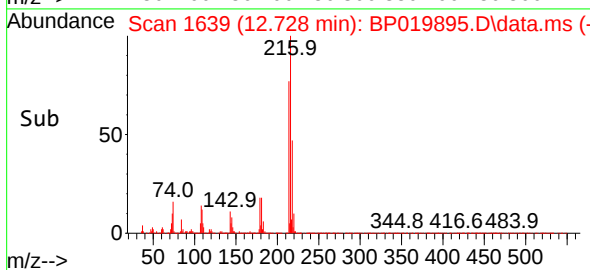
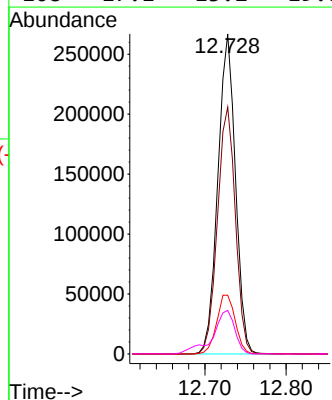
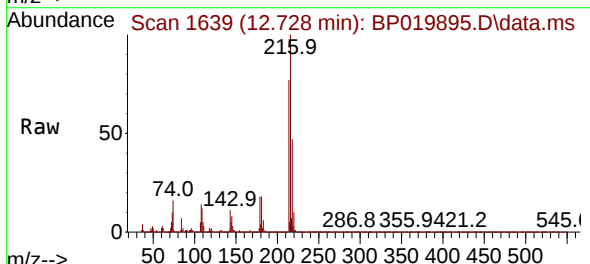
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

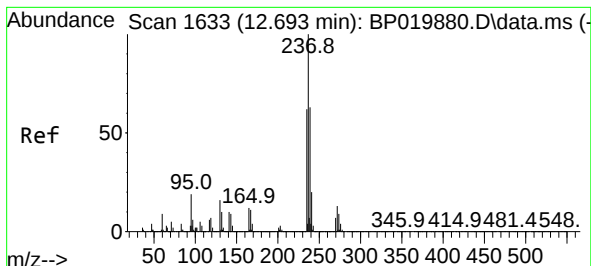
Tgt Ion:164 Resp: 233345
Ion Ratio Lower Upper
164 100
162 99.1 78.1 117.1
160 44.9 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.471 ng
RT: 12.728 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:216 Resp: 402300
Ion Ratio Lower Upper
216 100
214 78.6 62.5 93.7
179 19.4 15.8 23.6
108 17.1 13.2 19.8





#41

Hexachlorocyclopentadiene

Concen: 103.790 ng

RT: 12.693 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

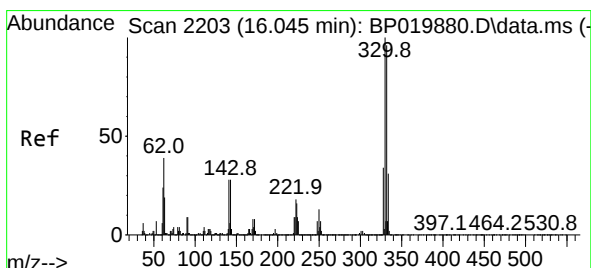
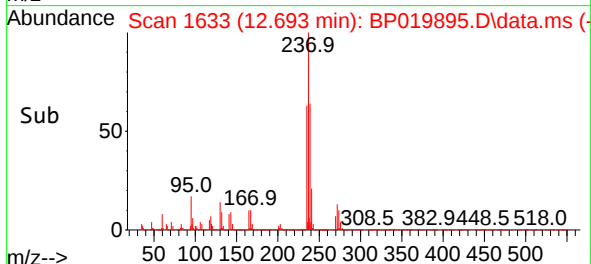
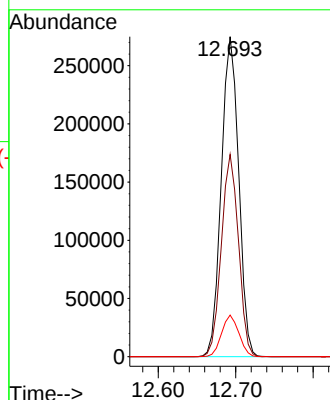
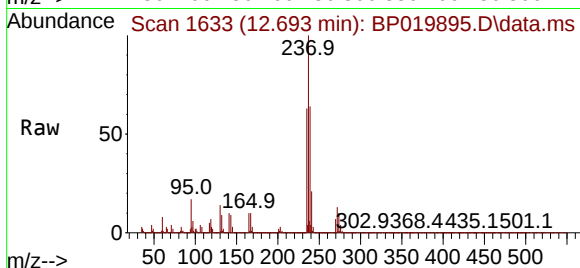
Tgt Ion:237 Resp: 428366

Ion Ratio Lower Upper

237 100

235 63.2 41.5 81.5

272 13.0 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 93.242 ng

RT: 16.040 min Scan# 2202

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

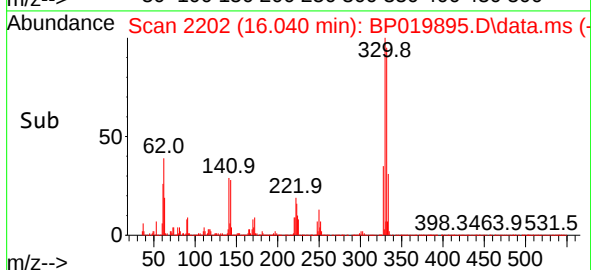
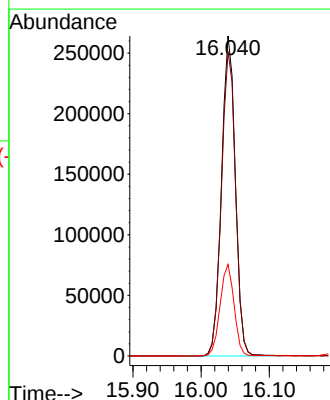
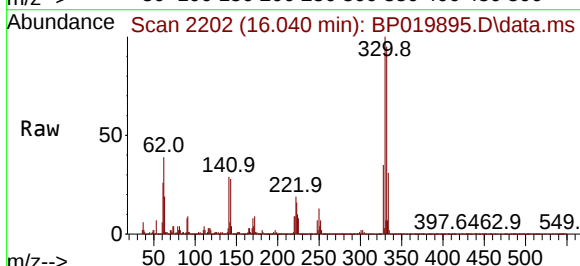
Tgt Ion:330 Resp: 373068

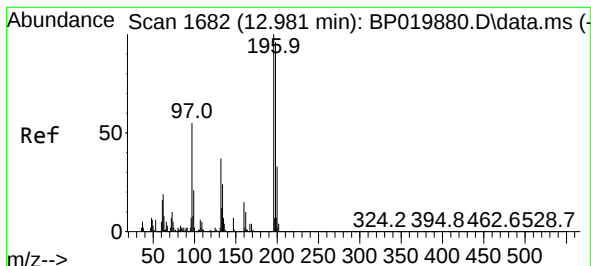
Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 28.9 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 46.285 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

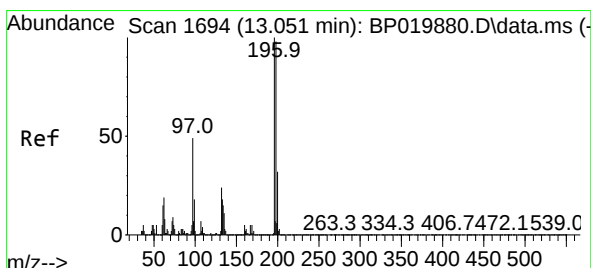
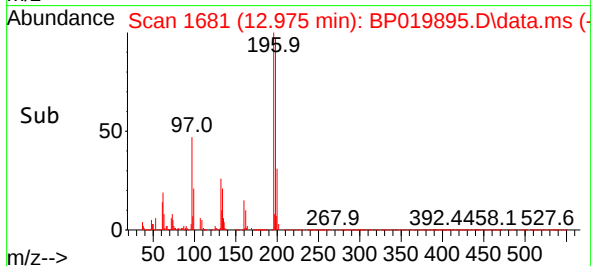
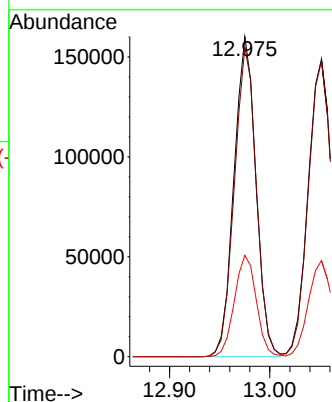
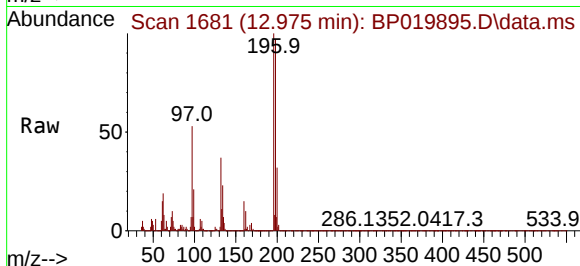
Tgt Ion:196 Resp: 243592

Ion Ratio Lower Upper

196 100

198 96.6 76.5 114.7

200 31.7 26.2 39.4



#44

2,4,5-Trichlorophenol

Concen: 40.410 ng

RT: 13.051 min Scan# 1694

Delta R.T. 0.000 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Tgt Ion:196 Resp: 253340

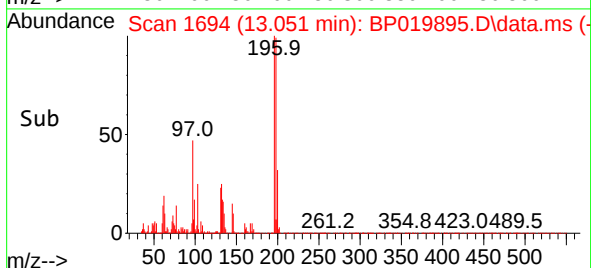
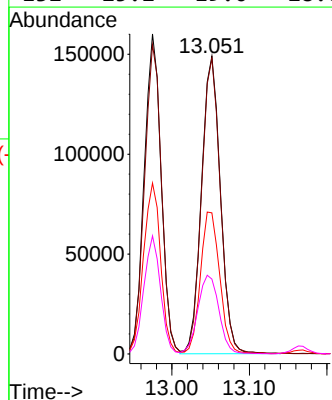
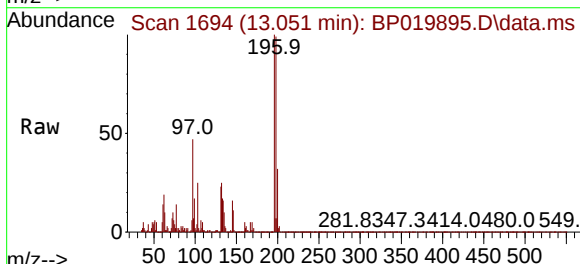
Ion Ratio Lower Upper

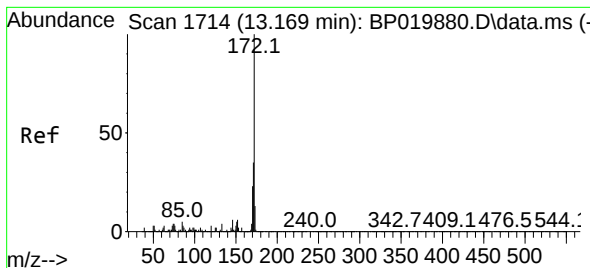
196 100

198 99.3 78.2 117.4

97 47.4 39.4 59.2

132 25.2 19.0 28.6

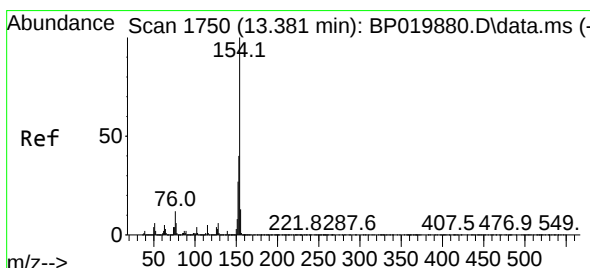
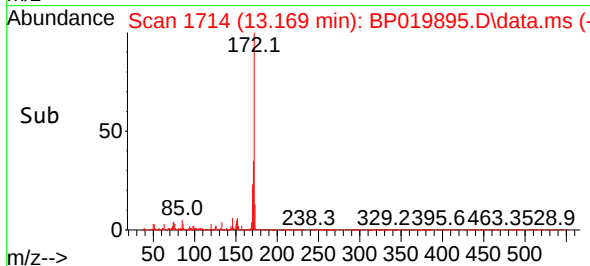
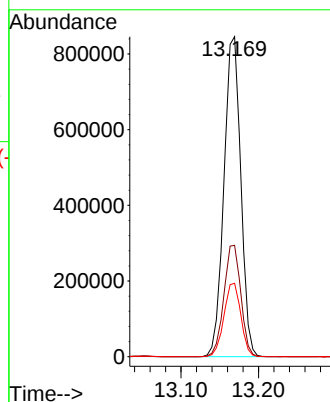
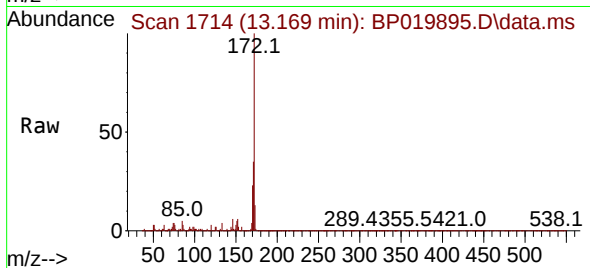




#45
2-Fluorobiphenyl
Concen: 73.900 ng
RT: 13.169 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

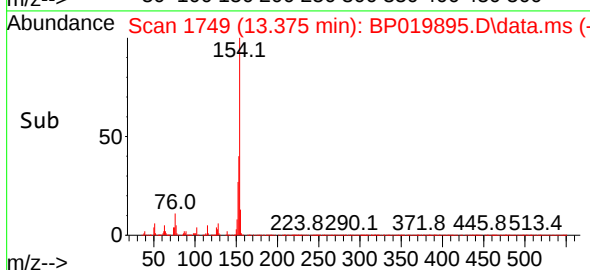
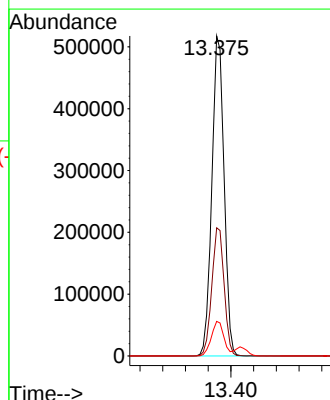
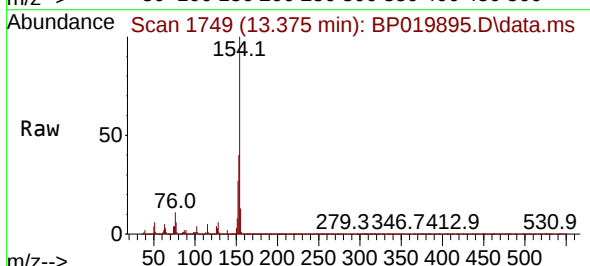
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

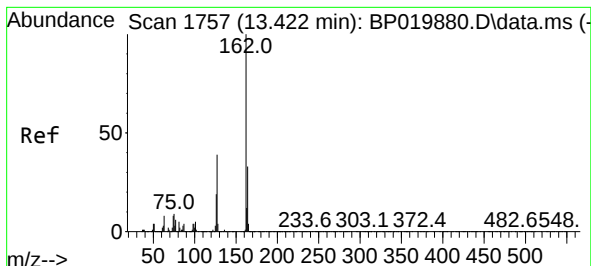
Tgt Ion:172 Resp: 1276295
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.0 18.4 27.6



#46
1,1'-Biphenyl
Concen: 45.991 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:154 Resp: 768410
Ion Ratio Lower Upper
154 100
153 40.0 19.8 59.8
76 10.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 47.006 ng

RT: 13.416 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

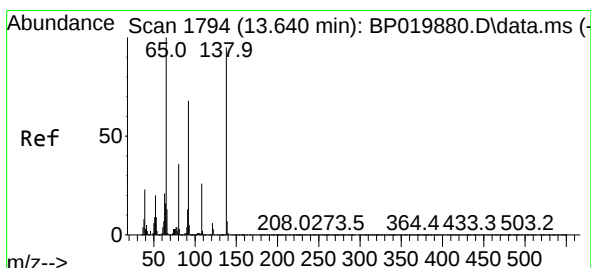
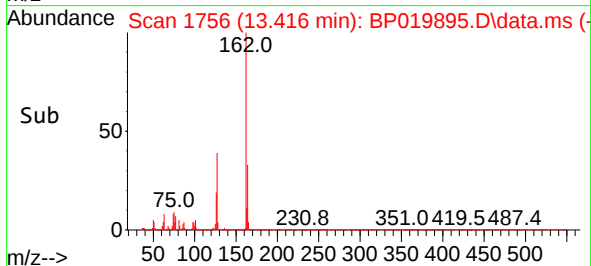
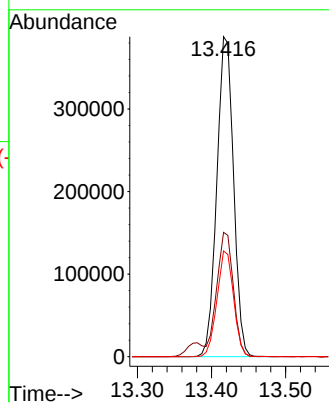
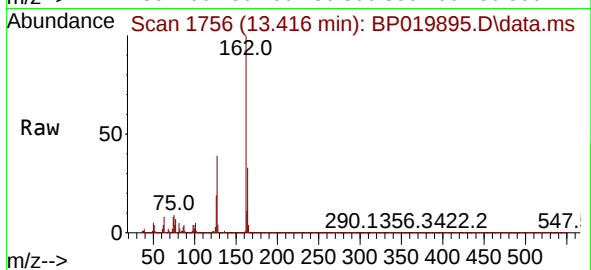
Tgt Ion:162 Resp: 609587

Ion Ratio Lower Upper

162 100

127 38.9 31.4 47.2

164 33.1 26.2 39.4



#48

2-Nitroaniline

Concen: 37.024 ng

RT: 13.640 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

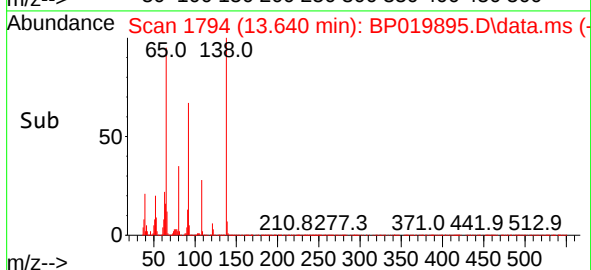
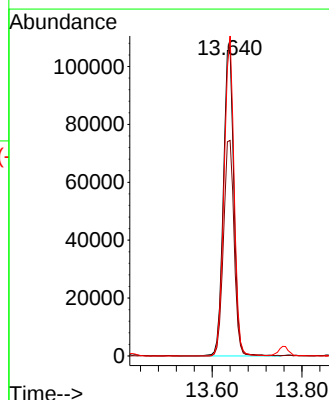
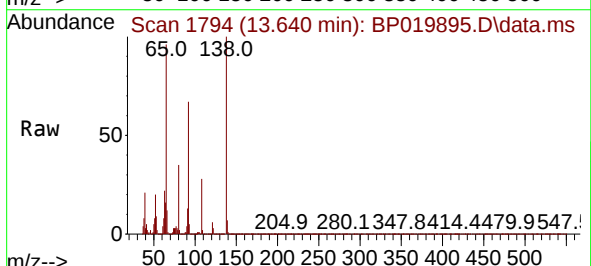
Tgt Ion: 65 Resp: 173533

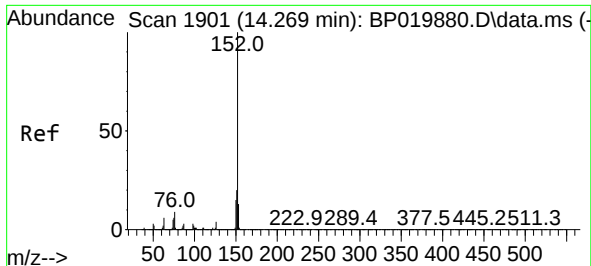
Ion Ratio Lower Upper

65 100

92 70.5 54.3 81.5

138 104.7 75.7 113.5

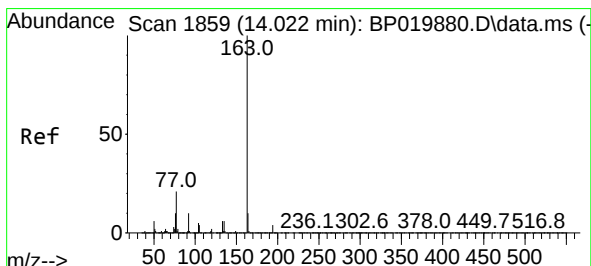
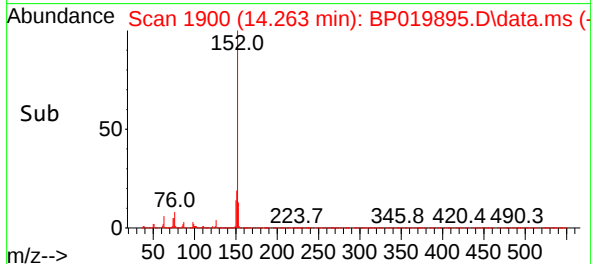
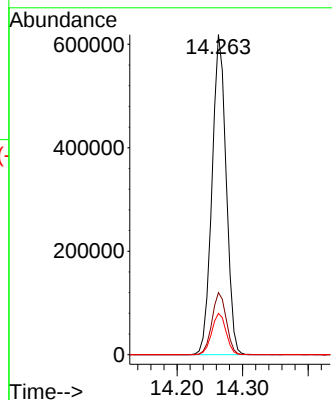
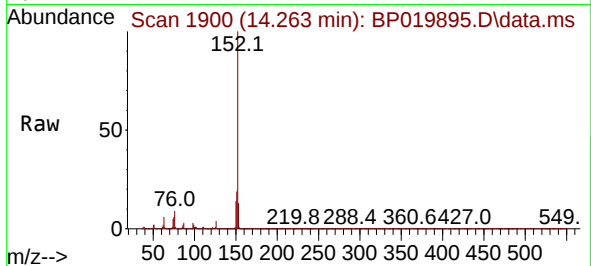




#49
Acenaphthylene
Concen: 44.078 ng
RT: 14.263 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

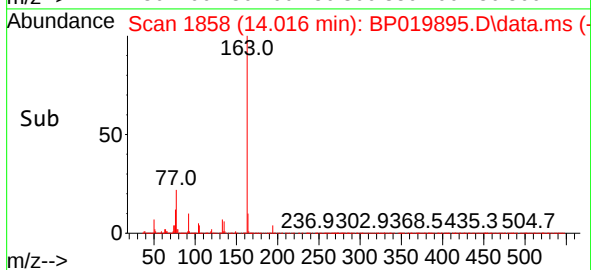
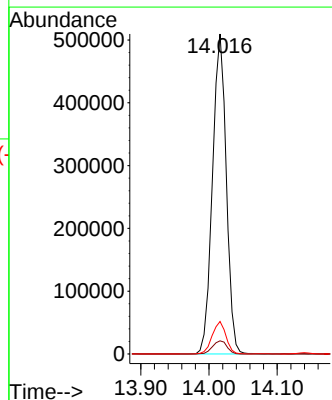
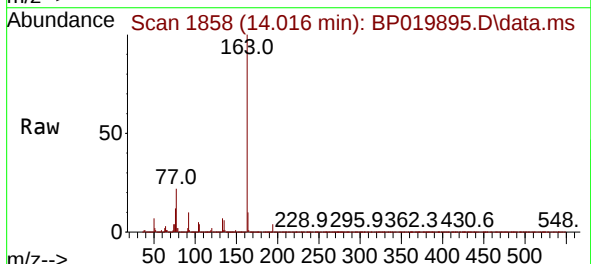
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

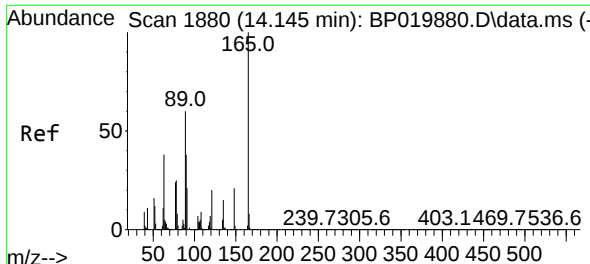
Tgt Ion:152	Resp:	926086
Ion Ratio	Lower	Upper
152	100	
151	19.4	15.9 23.9
153	12.9	10.4 15.6



#50
Dimethylphthalate
Concen: 37.756 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:163	Resp:	719202
Ion Ratio	Lower	Upper
163	100	
194	4.1	3.4 5.2
164	10.1	8.0 12.0

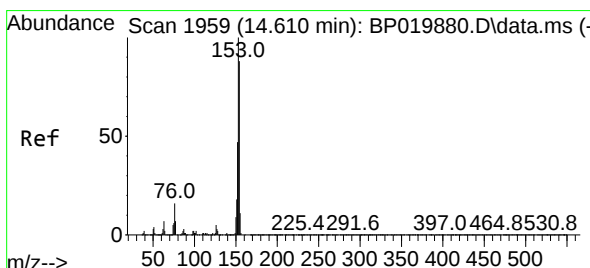
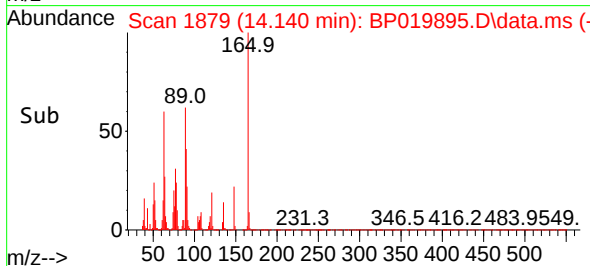
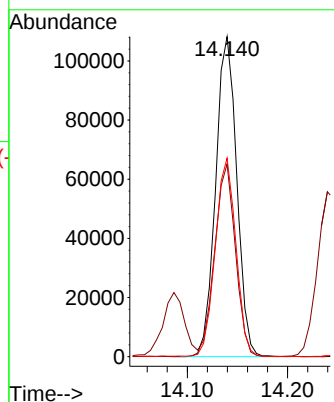
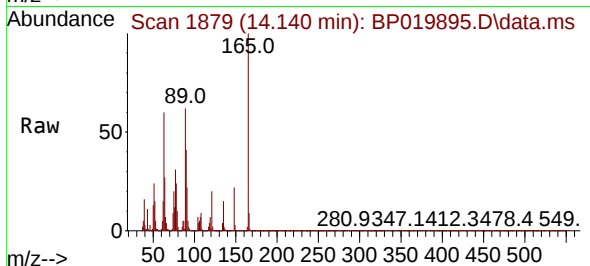




#51
2,6-Dinitrotoluene
Concen: 38.490 ng
RT: 14.140 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

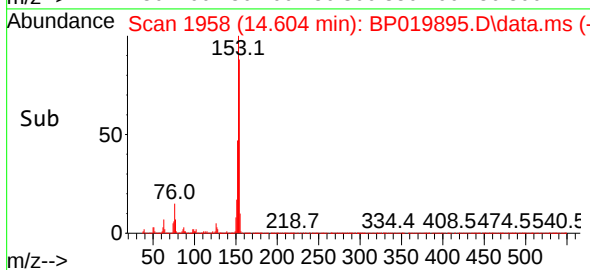
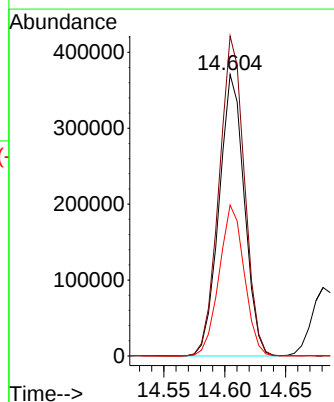
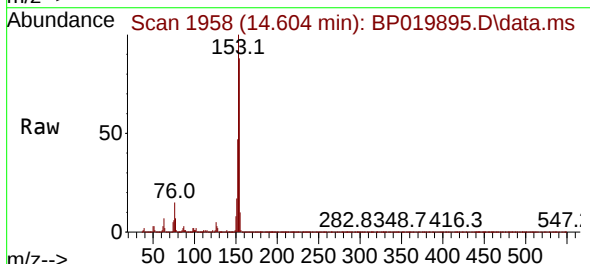
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

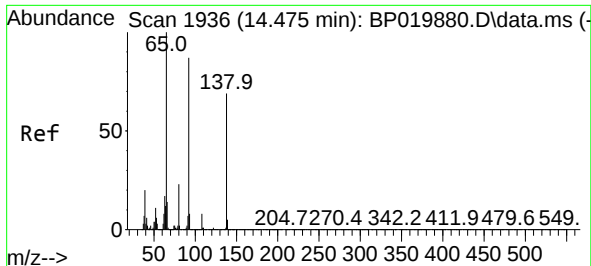
Tgt Ion:165 Resp: 157796
Ion Ratio Lower Upper
165 100
63 60.2 46.9 70.3
89 62.1 48.3 72.5



#52
Acenaphthene
Concen: 42.477 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:154 Resp: 535854
Ion Ratio Lower Upper
154 100
153 113.7 90.9 136.3
152 53.6 42.3 63.5

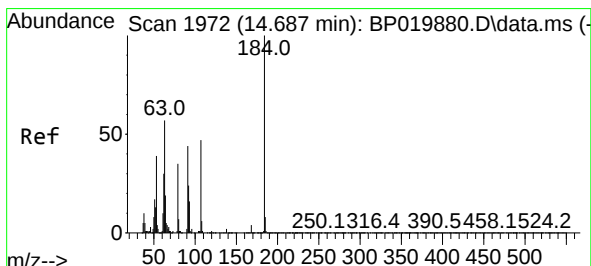
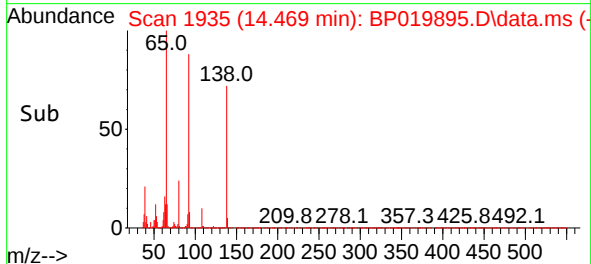
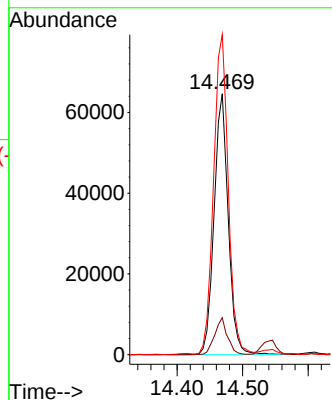
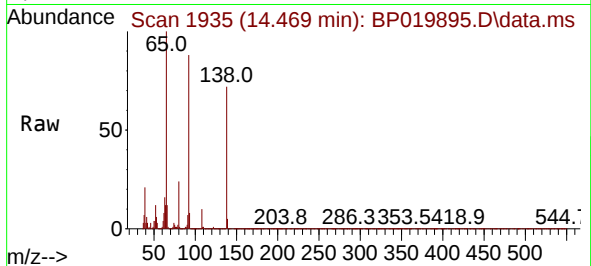




#53
3-Nitroaniline
Concen: 23.866 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

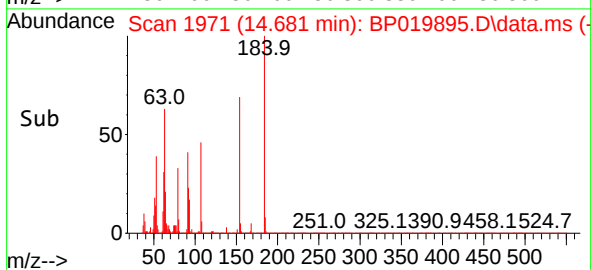
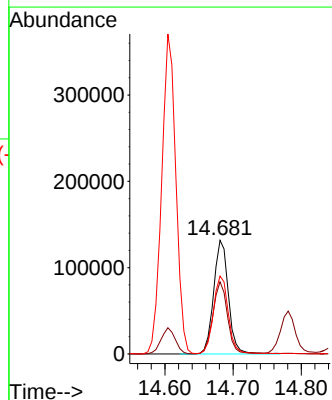
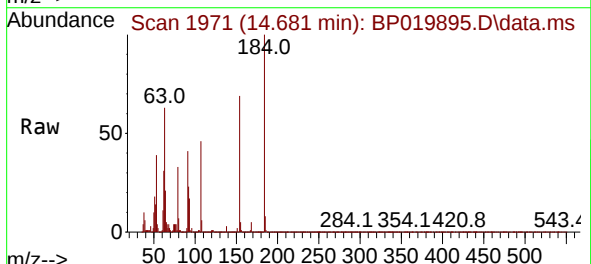
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

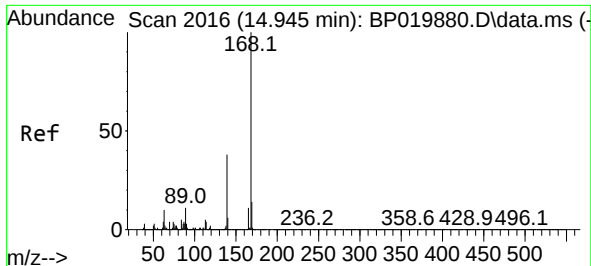
Tgt Ion:138 Resp: 96853
Ion Ratio Lower Upper
138 100
108 14.2 9.2 13.8#
92 122.6 100.3 150.5



#54
2,4-Dinitrophenol
Concen: 74.344 ng
RT: 14.681 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:184 Resp: 198678
Ion Ratio Lower Upper
184 100
63 63.5 49.6 74.4
154 68.6 54.6 82.0

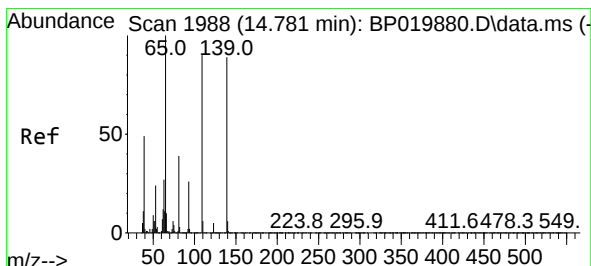
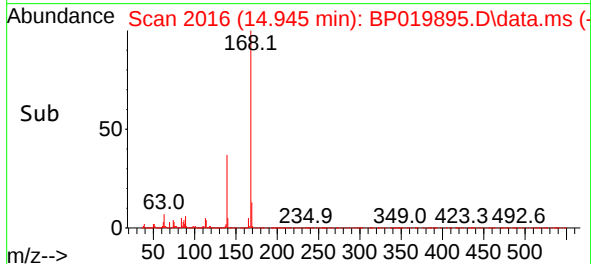
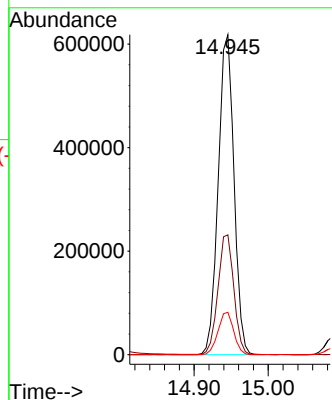
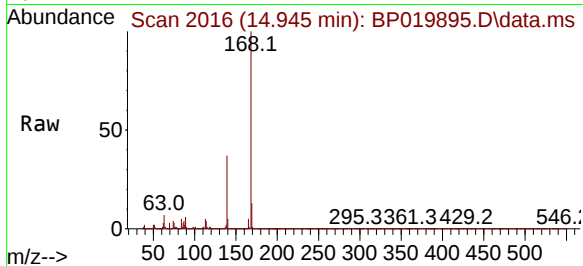




#55
Dibenzofuran
Concen: 42.375 ng
RT: 14.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

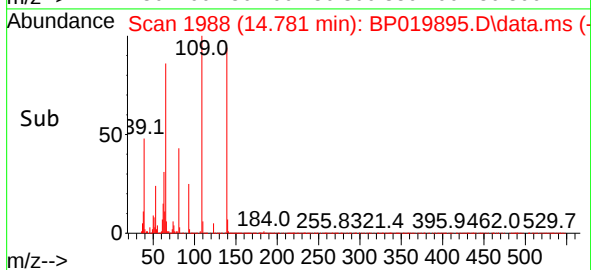
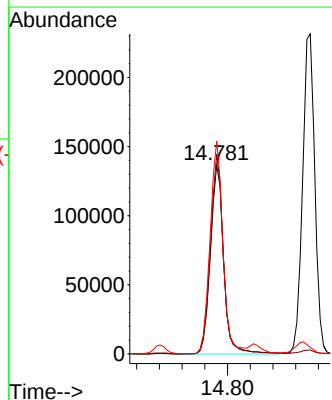
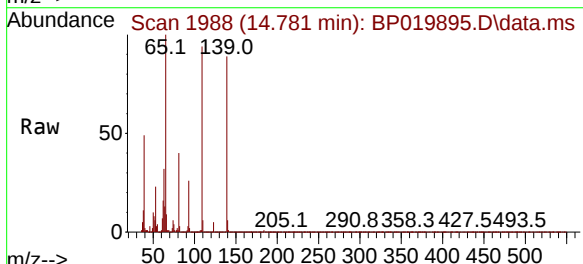
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

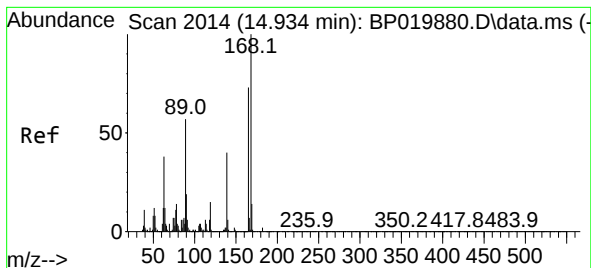
Tgt Ion:	168	Resp:	912327
Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.6	45.8
169	13.2	10.9	16.3



#56
4-Nitrophenol
Concen: 69.045 ng
RT: 14.781 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:	139	Resp:	219189
Ion	Ratio	Lower	Upper
139	100		
109	105.8	81.3	121.3
65	112.7	93.5	133.5

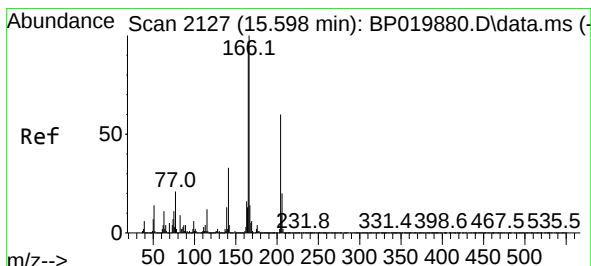
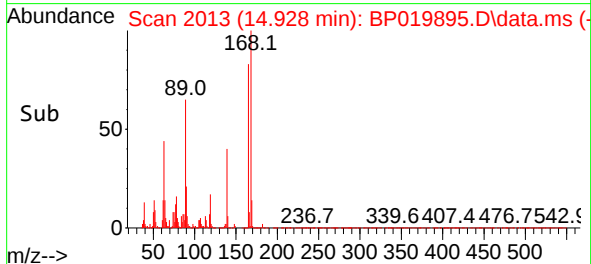
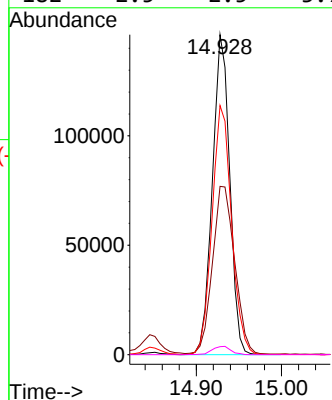
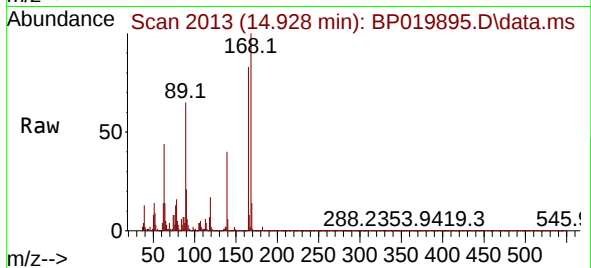




#57
2,4-Dinitrotoluene
Concen: 35.509 ng
RT: 14.928 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

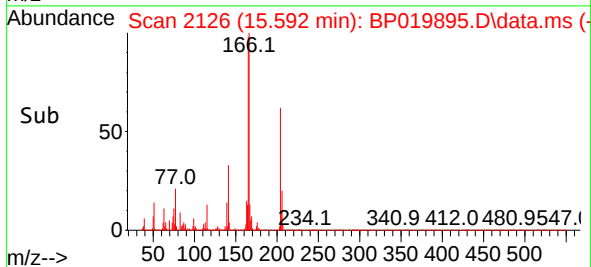
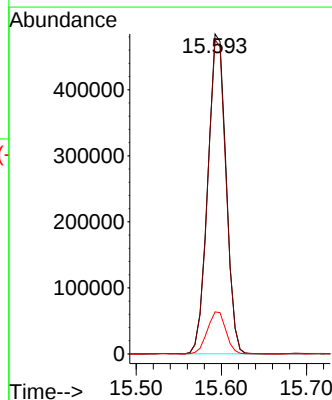
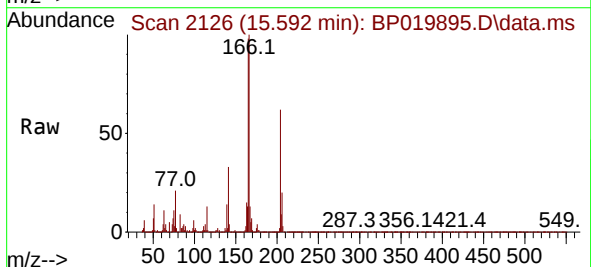
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

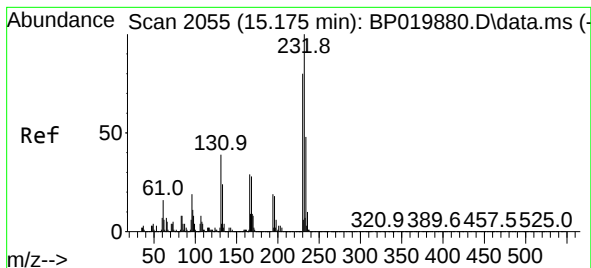
Tgt Ion:165 Resp: 207187
Ion Ratio Lower Upper
165 100
63 52.6 41.4 62.0
89 77.9 62.1 93.1
182 2.5 2.5 3.7



#58
Fluorene
Concen: 41.186 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:166 Resp: 719158
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.6
167 13.2 10.8 16.2

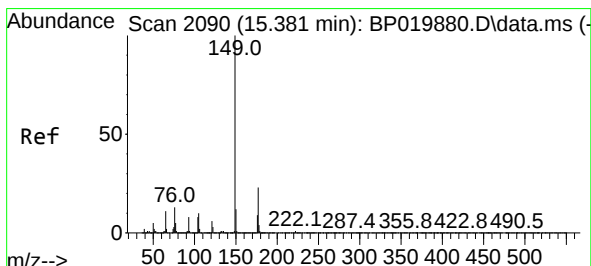
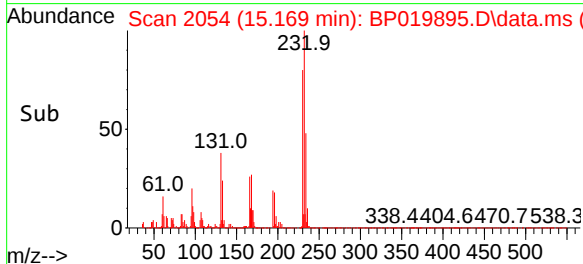
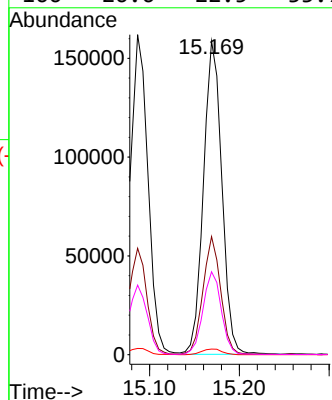
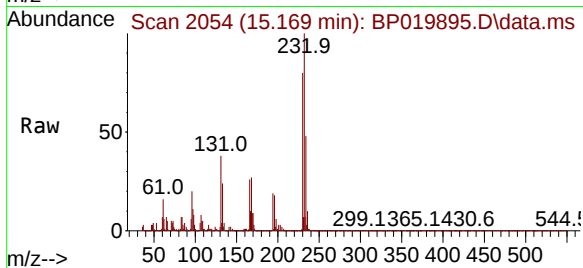




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.230 ng
RT: 15.169 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

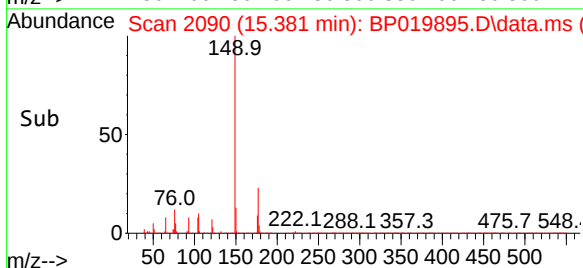
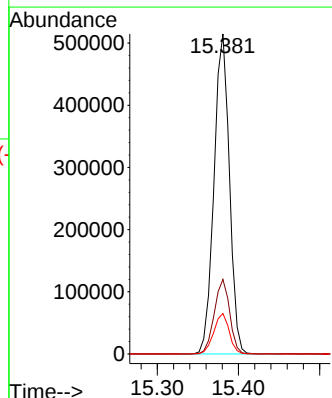
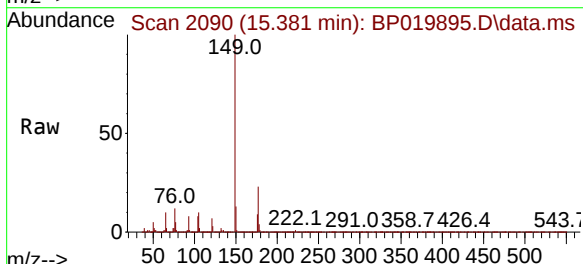
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

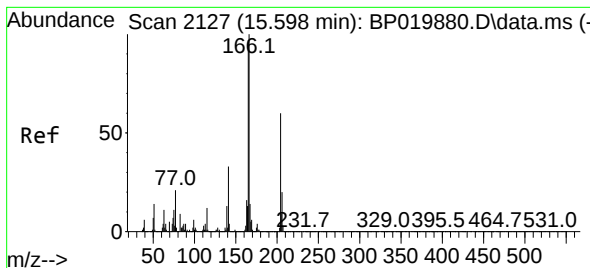
Tgt	Ion:232	Resp:	225644
Ion	Ratio	Lower	Upper
232	100		
131	36.5	30.7	46.1
130	2.0	1.8	2.6
166	26.6	22.5	33.7



#60
Diethylphthalate
Concen: 36.028 ng
RT: 15.381 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:149	Resp:	678009	
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.4	27.6
150	12.7	9.9	14.9

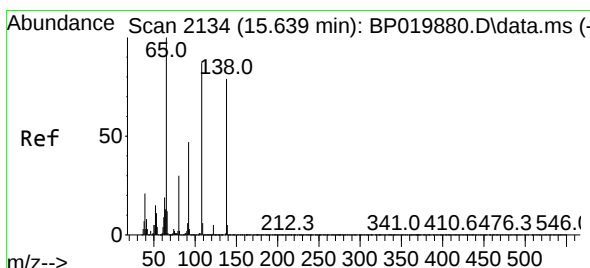
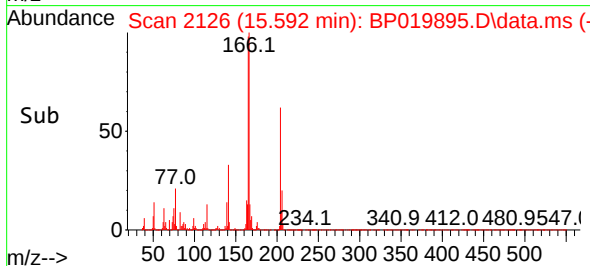
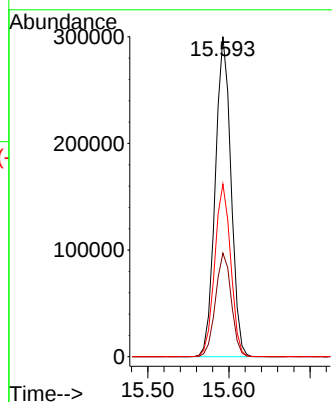
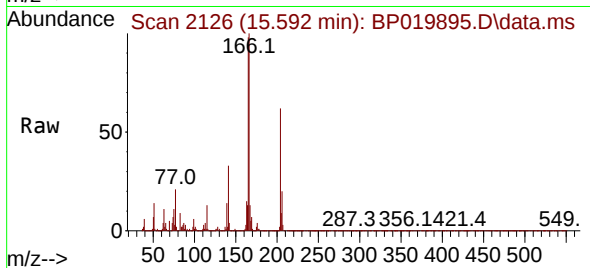




#61
4-Chlorophenyl-phenylether
Concen: 40.370 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

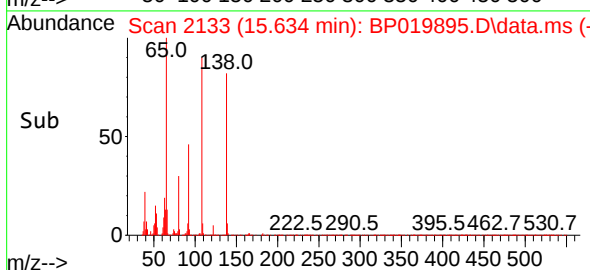
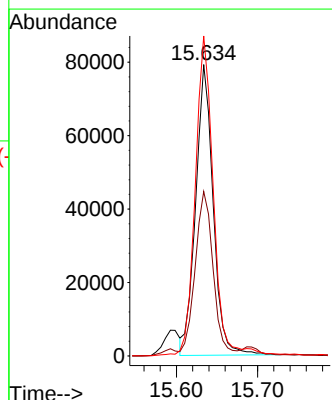
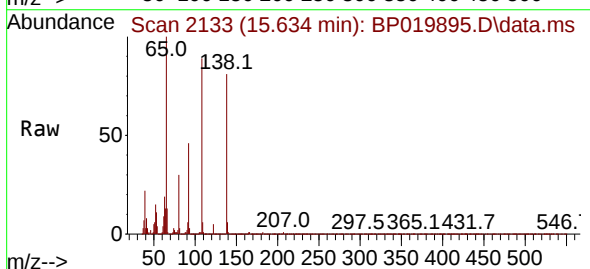
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

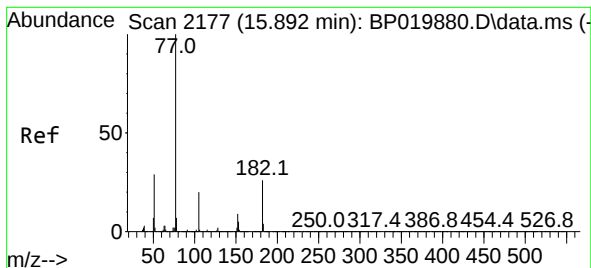
Tgt Ion:204 Resp: 403133
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 54.0 44.2 66.4



#62
4-Nitroaniline
Concen: 28.224 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:138 Resp: 119301
Ion Ratio Lower Upper
138 100
92 56.5 39.5 79.5
108 109.8 90.7 130.7



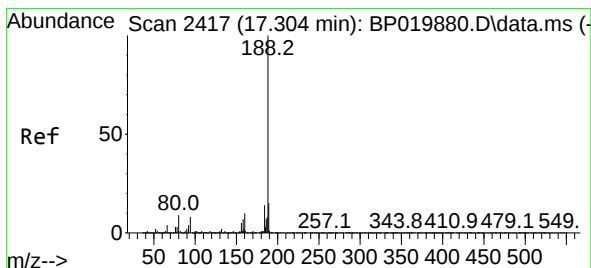
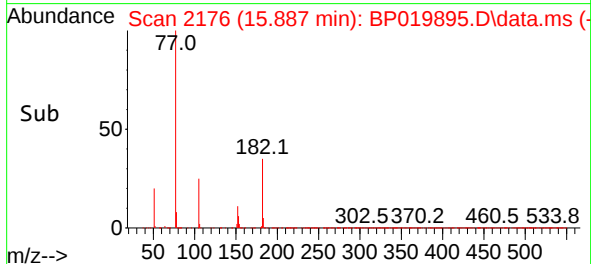
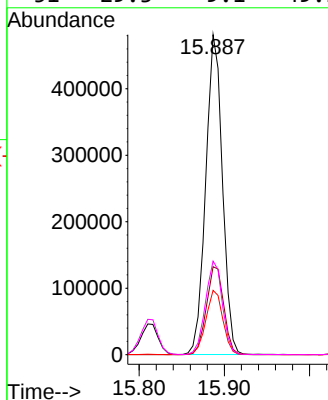
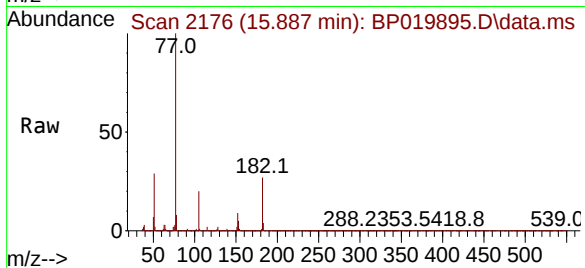


#63
Azobenzene
Concen: 37.382 ng
RT: 15.887 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

Tgt Ion: 77 Resp: 654893

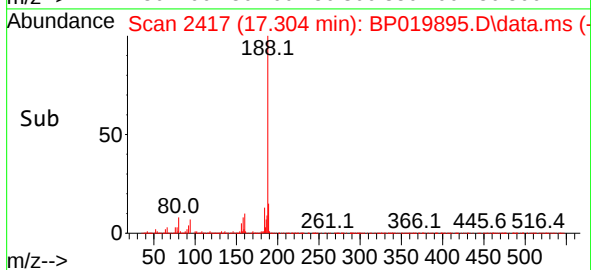
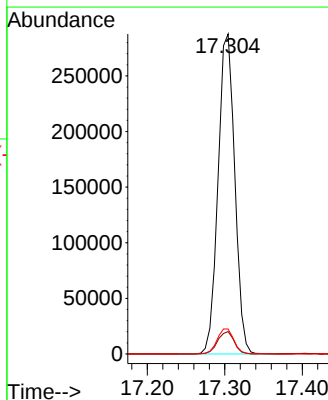
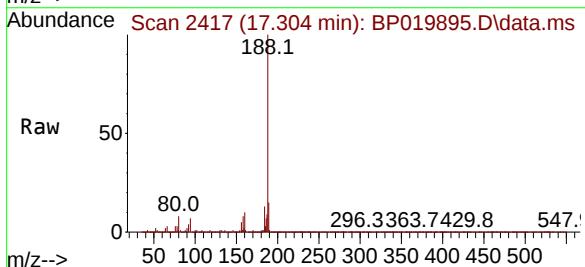
Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.3	46.3
105	20.1	0.0	40.0
51	29.3	9.1	49.1

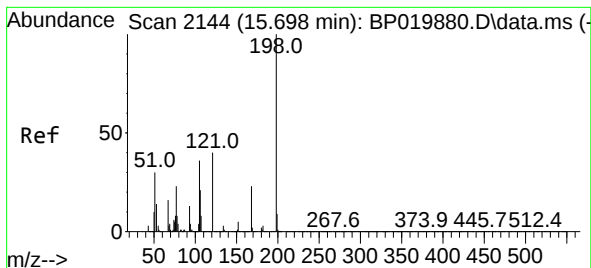


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion: 188 Resp: 430680

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.2	9.4
80	7.8	7.0	10.4

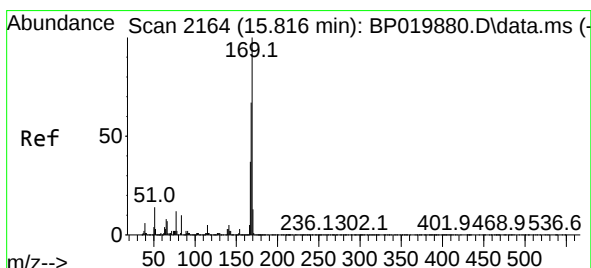
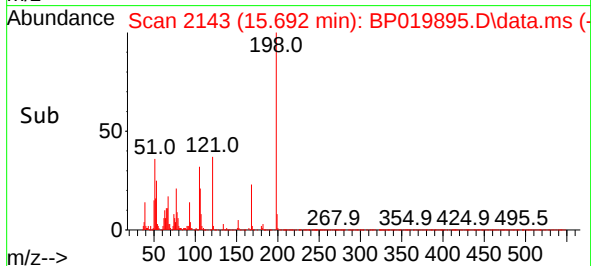
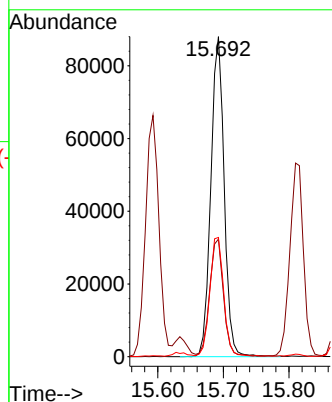
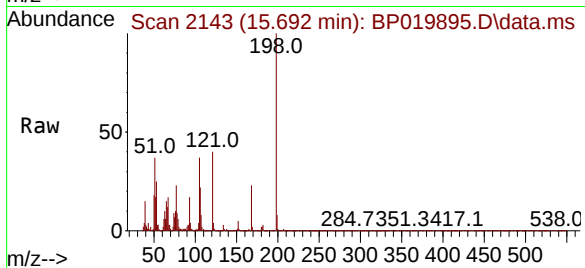




#65
4,6-Dinitro-2-methylphenol
Concen: 42.633 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

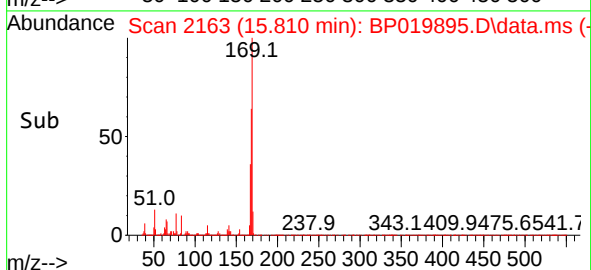
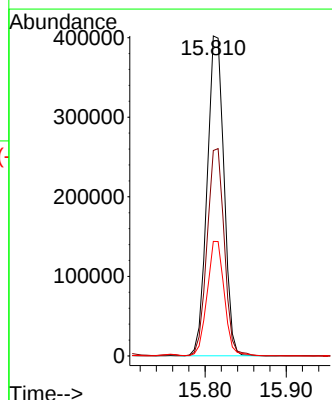
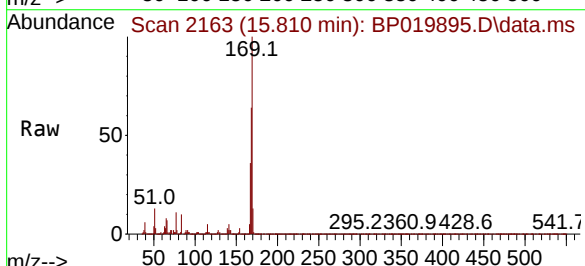
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

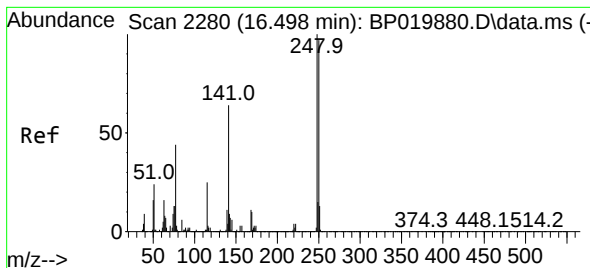
Tgt Ion:198 Resp: 124625
Ion Ratio Lower Upper
198 100
51 36.7 16.3 56.3
105 37.2 17.8 57.8



#66
n-Nitrosodiphenylamine
Concen: 46.688 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:169 Resp: 576975
Ion Ratio Lower Upper
169 100
168 64.2 53.6 80.4
167 35.8 29.4 44.0

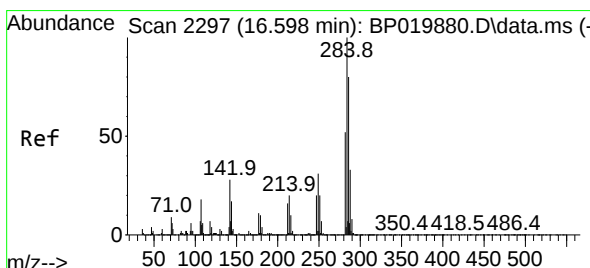
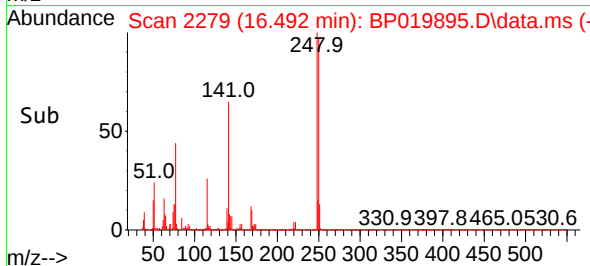
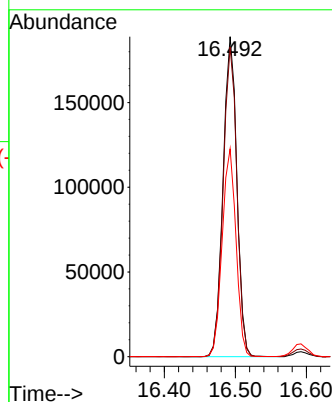
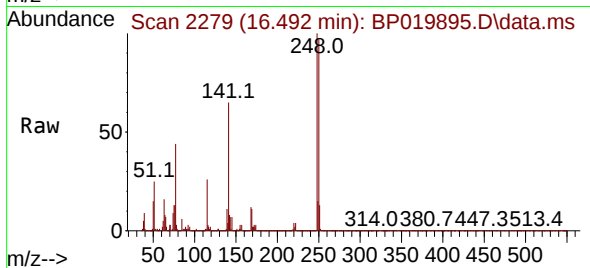




#67
4-Bromophenyl-phenylether
Concen: 47.666 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

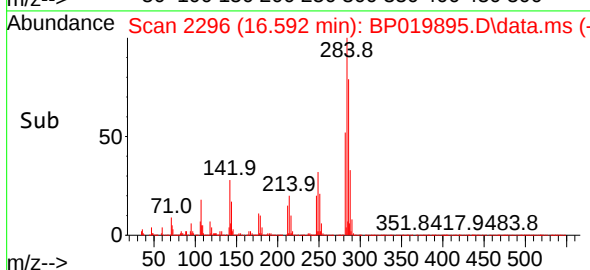
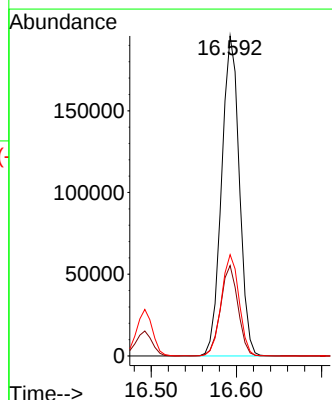
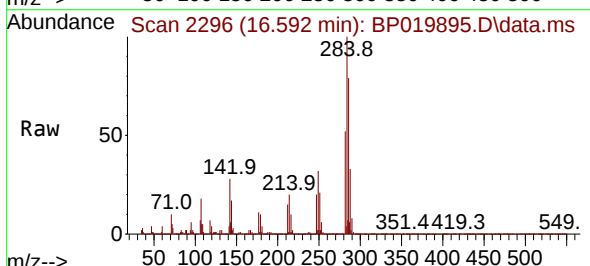
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

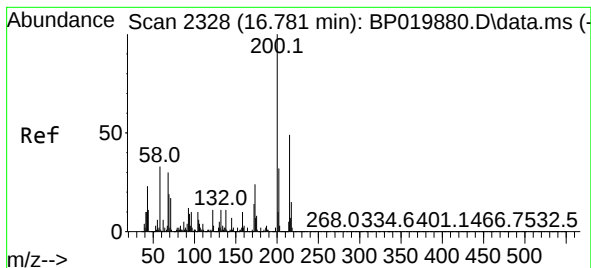
Tgt Ion:248 Resp: 253836
Ion Ratio Lower Upper
248 100
250 96.8 78.0 117.0
141 64.9 51.6 77.4



#68
Hexachlorobenzene
Concen: 49.397 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:284 Resp: 283689
Ion Ratio Lower Upper
284 100
142 28.3 22.6 33.8
249 31.7 25.2 37.8





#69

Atrazine

Concen: 39.229 ng

RT: 16.781 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

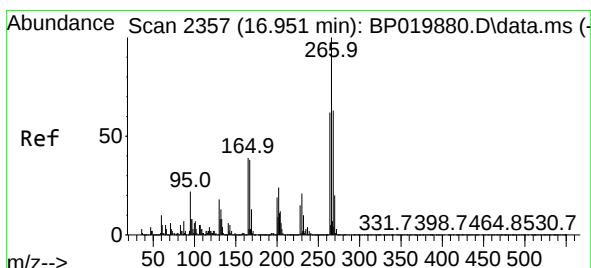
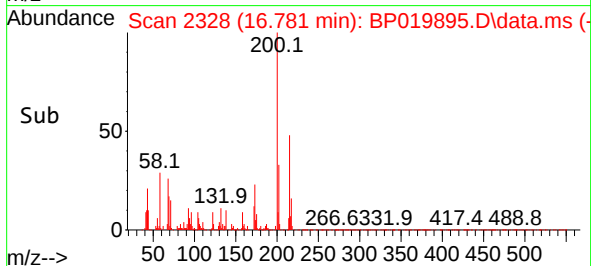
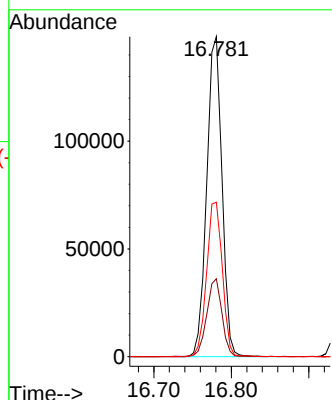
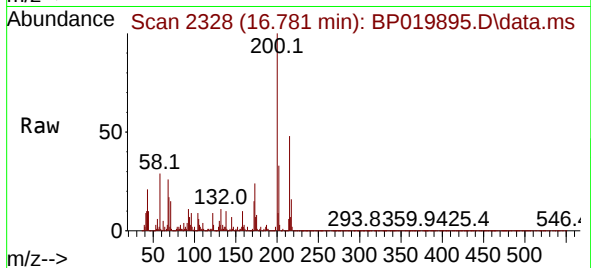
Tgt Ion:200 Resp: 202846

Ion Ratio Lower Upper

200 100

173 24.4 4.1 44.1

215 48.2 29.1 69.1



#70

Pentachlorophenol

Concen: 78.424 ng

RT: 16.945 min Scan# 2356

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

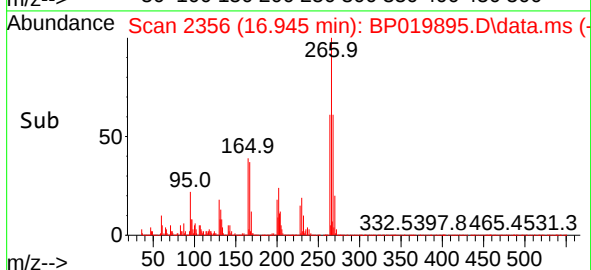
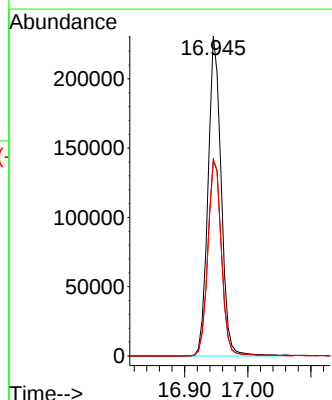
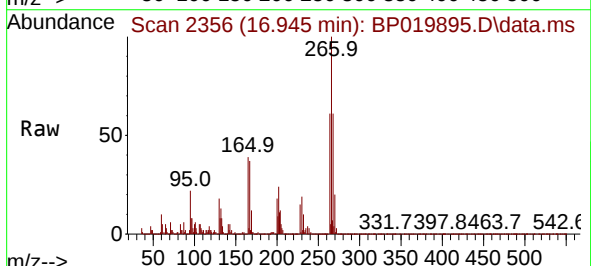
Tgt Ion:266 Resp: 332910

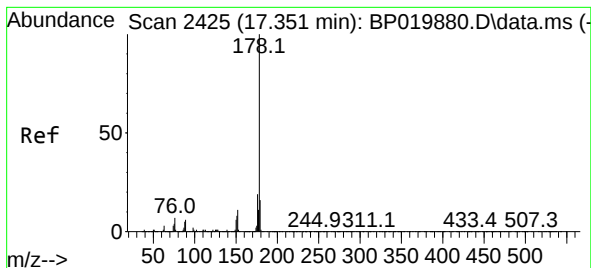
Ion Ratio Lower Upper

266 100

268 61.5 50.6 76.0

264 60.8 49.7 74.5





#71

Phenanthrene

Concen: 49.217 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

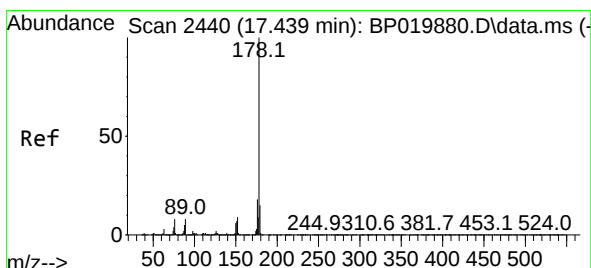
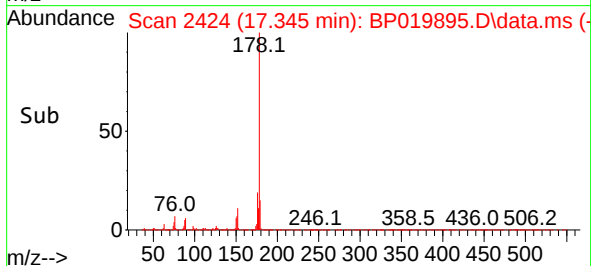
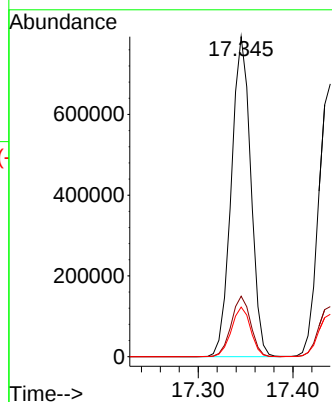
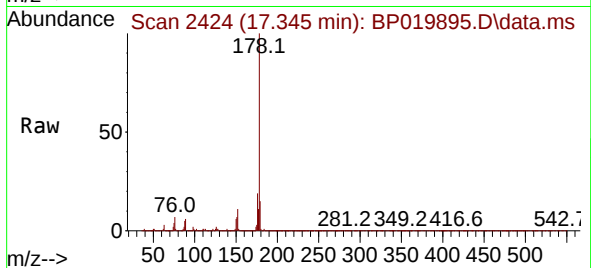
Tgt Ion:178 Resp: 1131412

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.5 12.5 18.7



#72

Anthracene

Concen: 41.204 ng

RT: 17.439 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

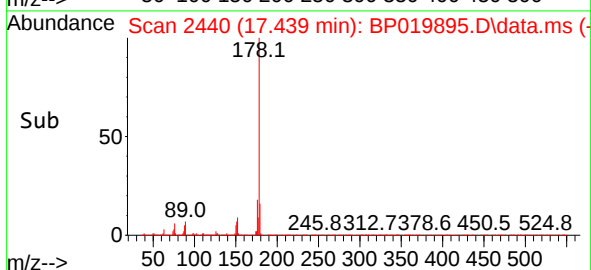
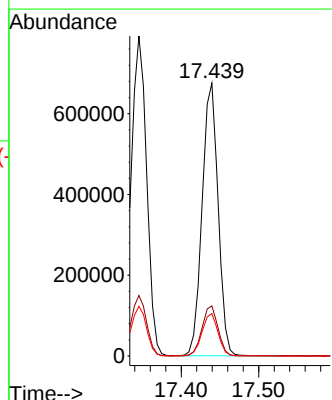
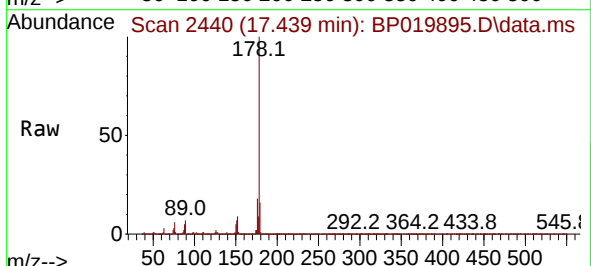
Tgt Ion:178 Resp: 966928

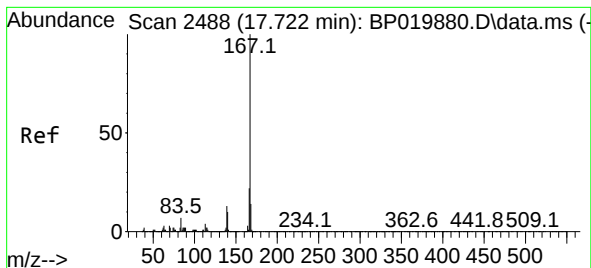
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.5 12.2 18.4





#73

Carbazole

Concen: 37.388 ng

RT: 17.716 min Scan# 2488

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

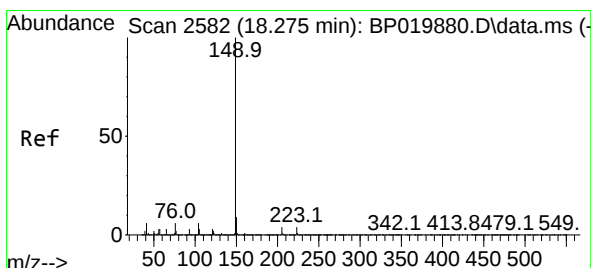
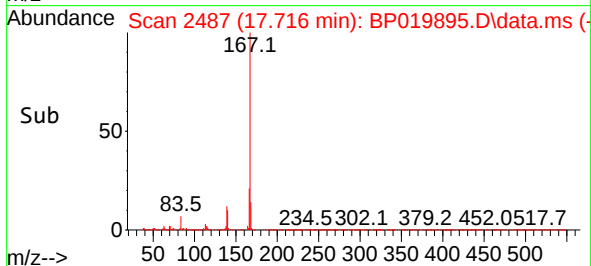
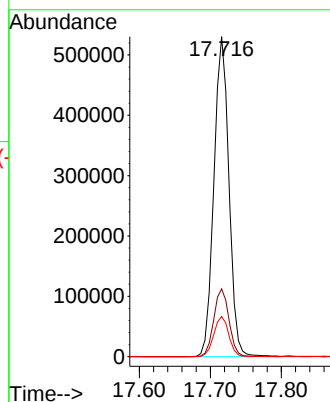
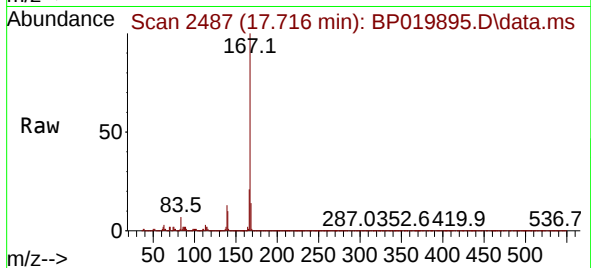
Tgt Ion:167 Resp: 777095

Ion Ratio Lower Upper

167 100

166 21.2 17.3 25.9

139 12.6 10.5 15.7



#74

Di-n-butylphthalate

Concen: 36.101 ng

RT: 18.269 min Scan# 2581

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

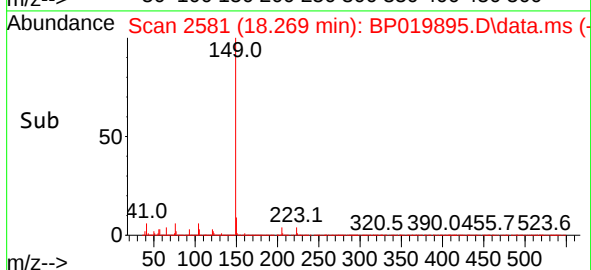
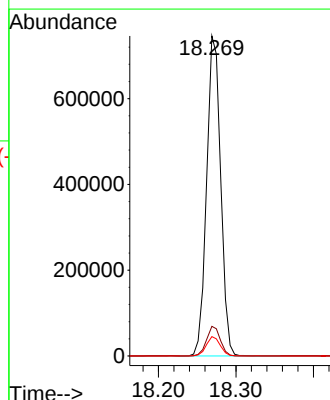
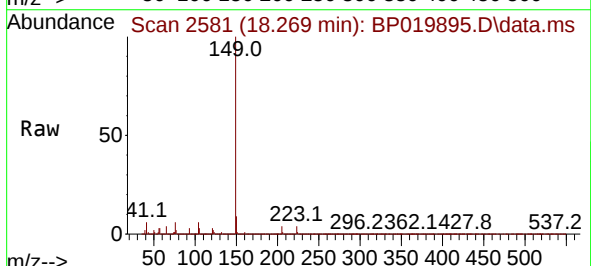
Tgt Ion:149 Resp: 938426

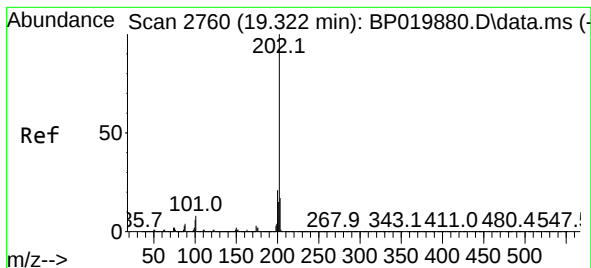
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 6.1 4.6 7.0





#75

Fluoranthene

Concen: 38.103 ng

RT: 19.316 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

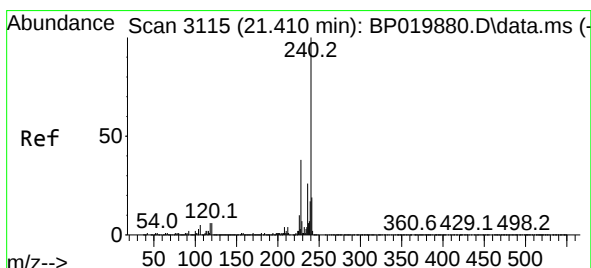
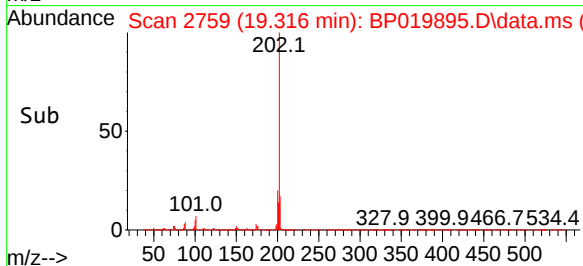
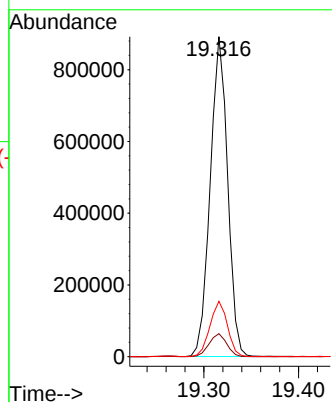
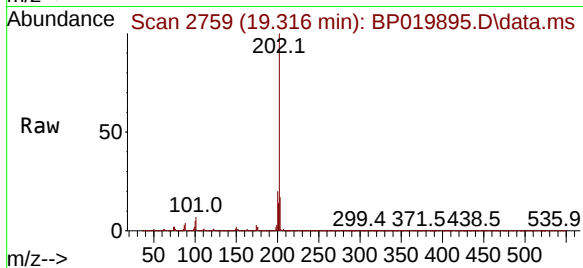
Tgt Ion:202 Resp: 1136779

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.7

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

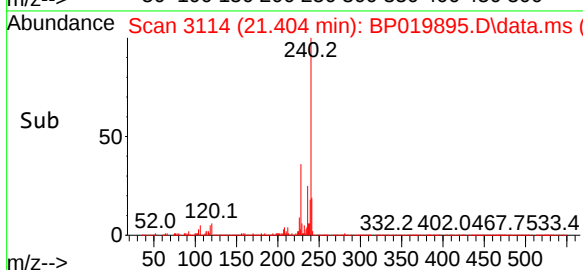
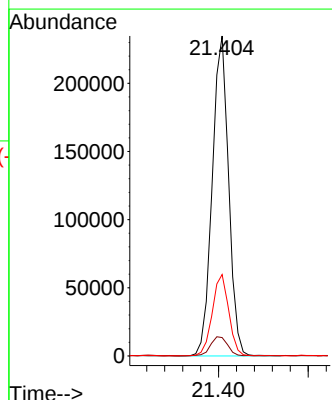
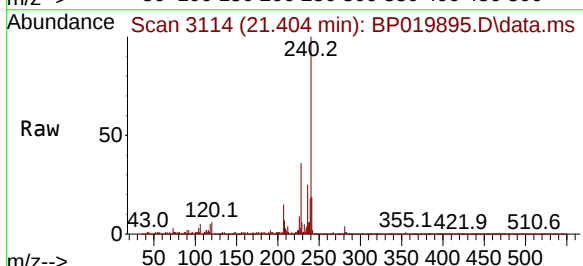
Tgt Ion:240 Resp: 297425

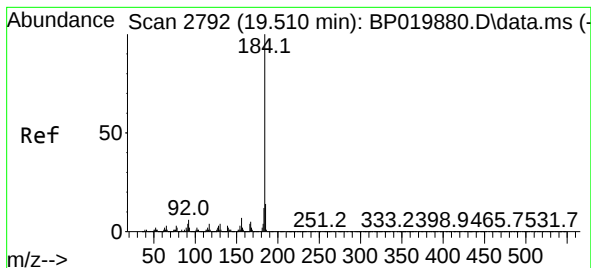
Ion Ratio Lower Upper

240 100

120 5.8 5.1 7.7

236 25.4 20.5 30.7





#77

Benzidine

Concen: 40.950 ng

RT: 19.510 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

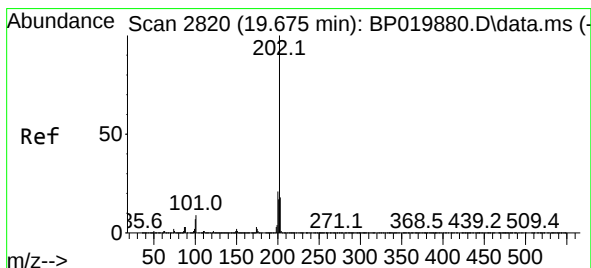
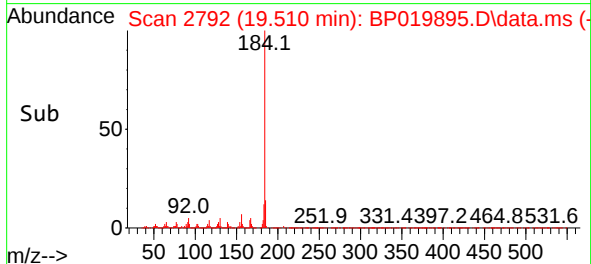
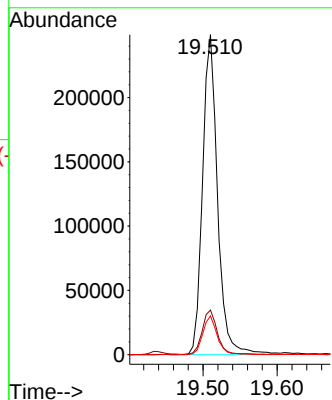
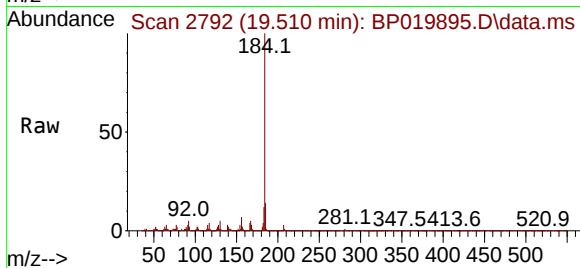
Tgt Ion:184 Resp: 349859

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

183 12.1 9.3 13.9



#78

Pyrene

Concen: 52.687 ng

RT: 19.669 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

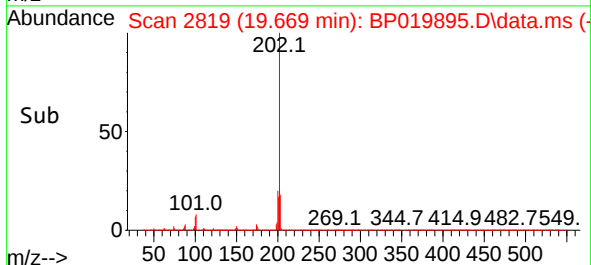
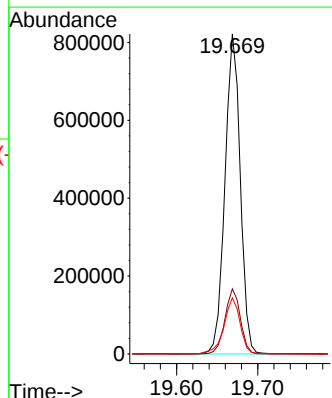
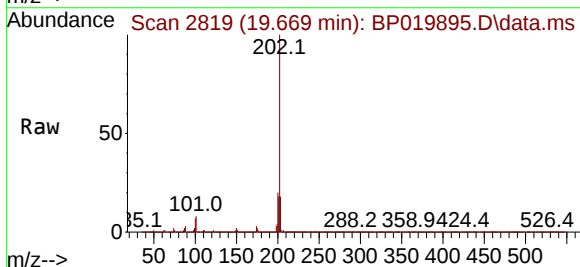
Tgt Ion:202 Resp: 1076647

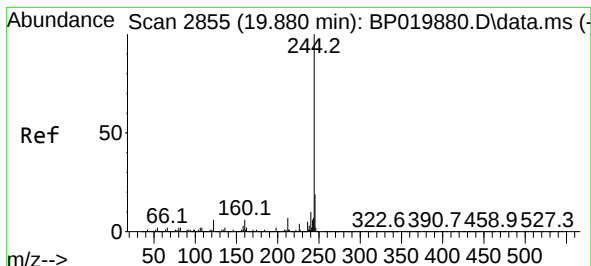
Ion Ratio Lower Upper

202 100

200 20.3 16.7 25.1

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 72.959 ng

RT: 19.869 min Scan# 2855

Delta R.T. -0.012 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

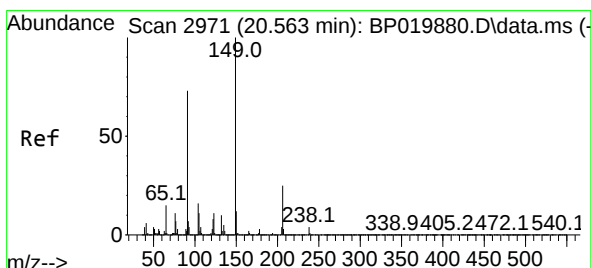
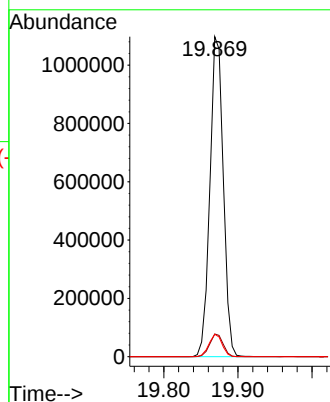
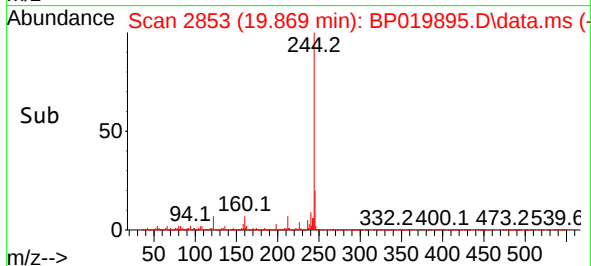
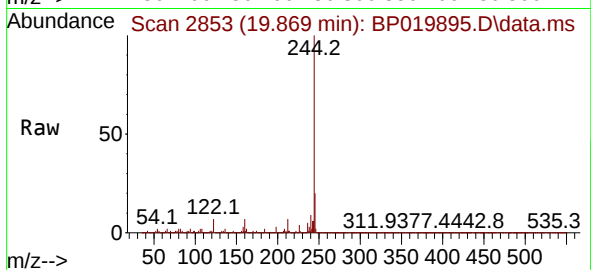
Tgt Ion:244 Resp: 1376765

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 7.0 5.0 7.6



#80

Butylbenzylphthalate

Concen: 42.067 ng

RT: 20.557 min Scan# 2970

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

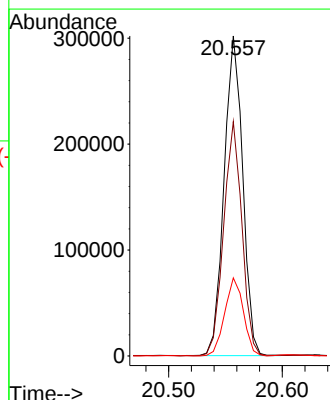
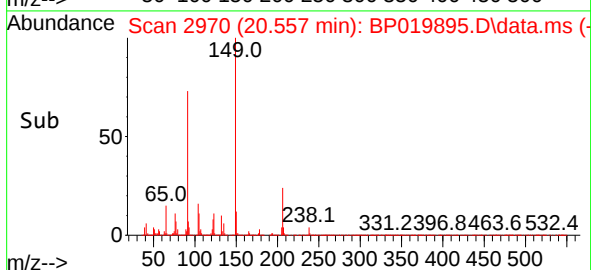
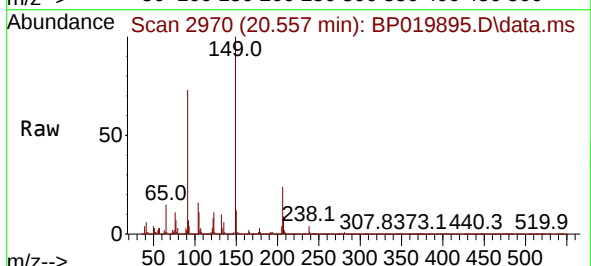
Tgt Ion:149 Resp: 343757

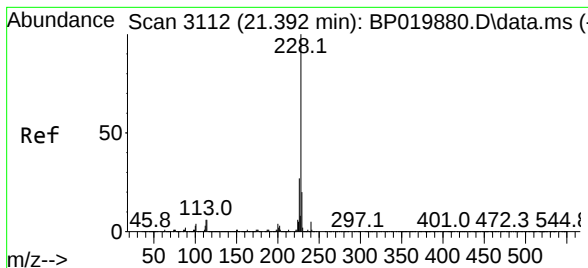
Ion Ratio Lower Upper

149 100

91 73.2 58.3 87.5

206 24.4 19.8 29.8





#81

Benzo(a)anthracene

Concen: 43.663 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

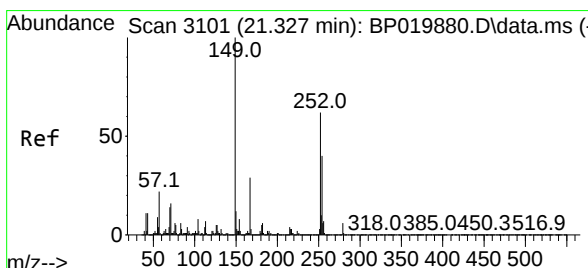
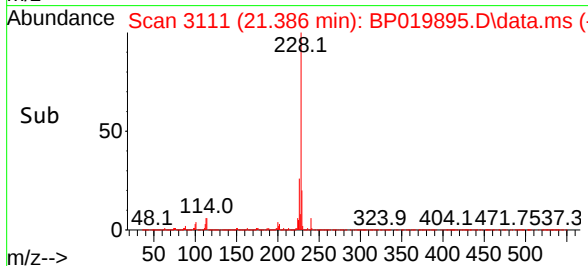
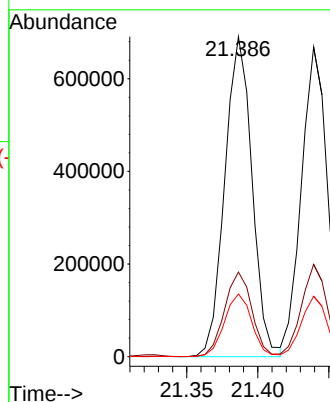
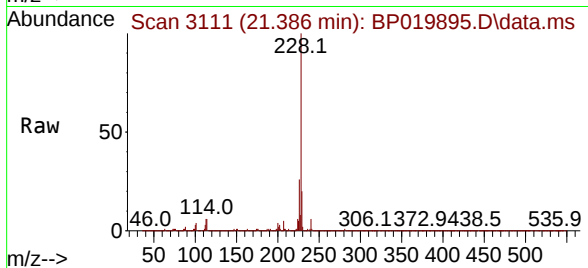
Tgt Ion:228 Resp: 921835

Ion Ratio Lower Upper

228 100

226 26.5 21.5 32.3

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 36.107 ng

RT: 21.322 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

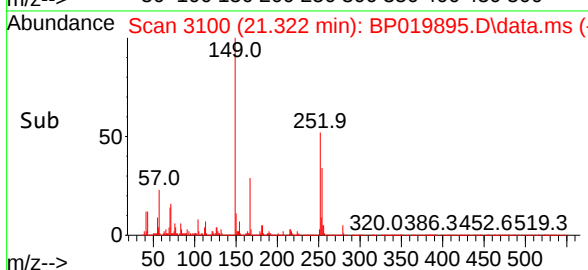
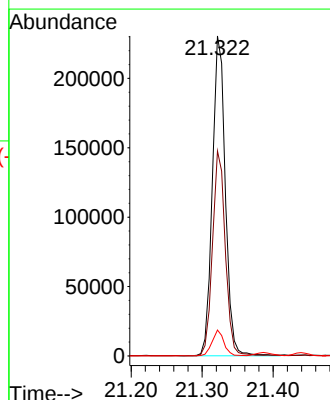
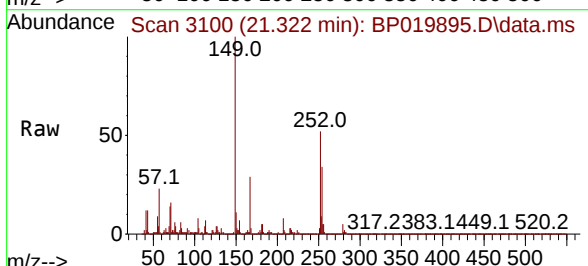
Tgt Ion:252 Resp: 292374

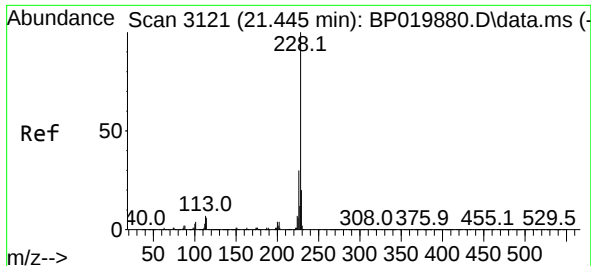
Ion Ratio Lower Upper

252 100

254 64.1 52.0 78.0

126 8.1 6.1 9.1

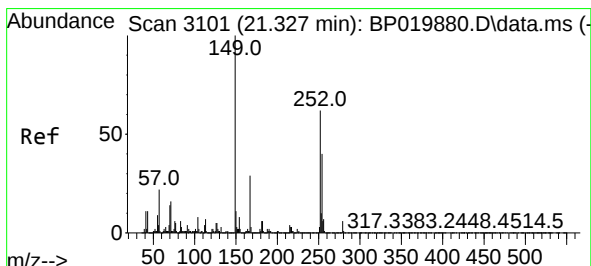
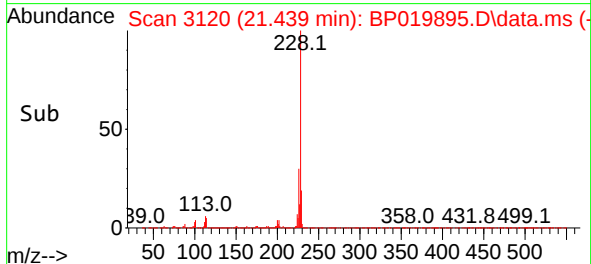
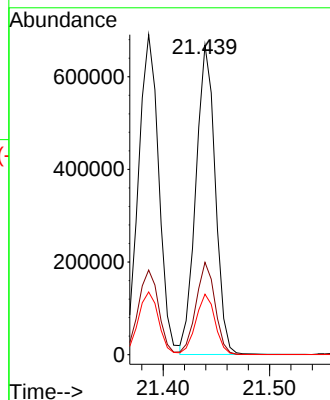
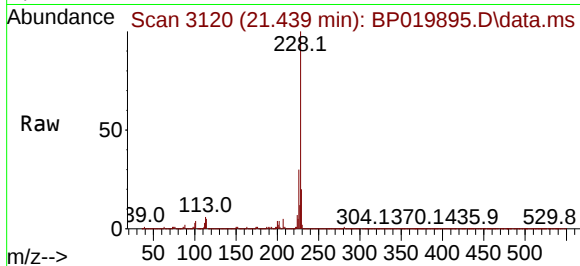




#83
Chrysene
Concen: 42.746 ng
RT: 21.439 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

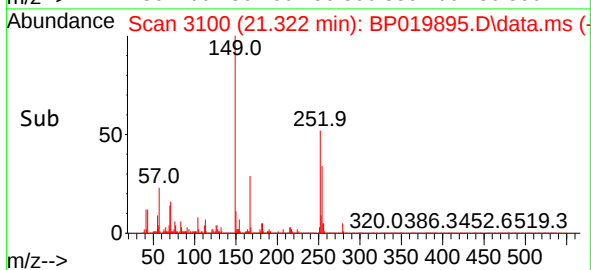
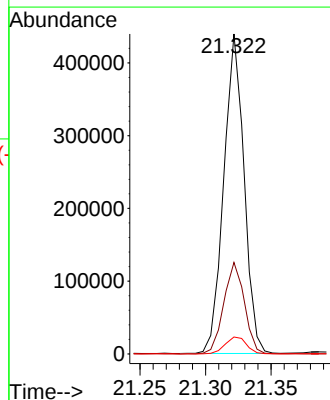
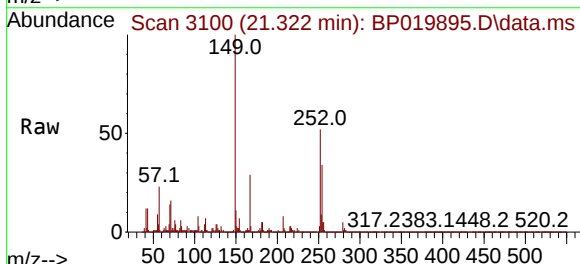
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

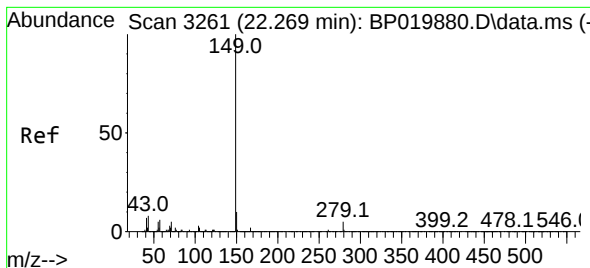
Tgt Ion:228 Resp: 845633
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.179 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:149 Resp: 471314
Ion Ratio Lower Upper
149 100
167 28.6 23.0 34.4
279 5.3 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 40.077 ng

RT: 22.263 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

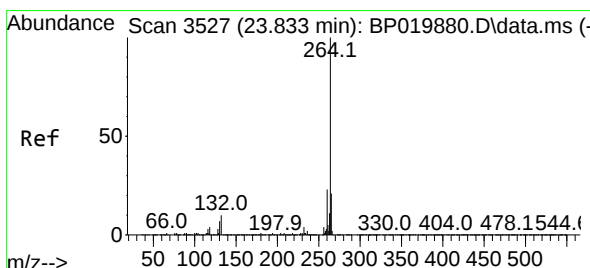
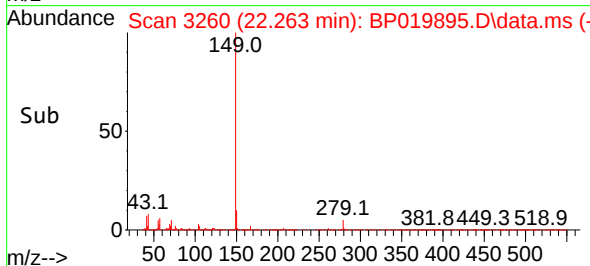
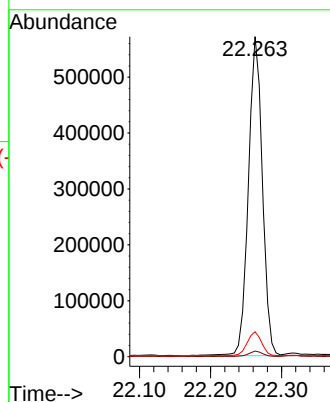
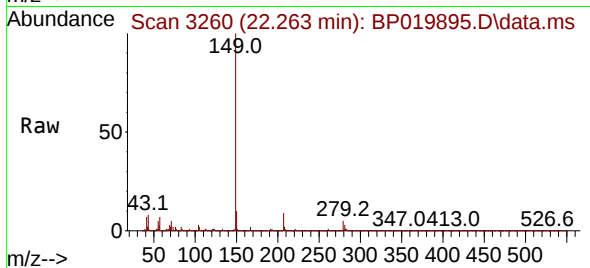
Tgt Ion:149 Resp: 782388

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 7.8 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3525

Delta R.T. -0.012 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

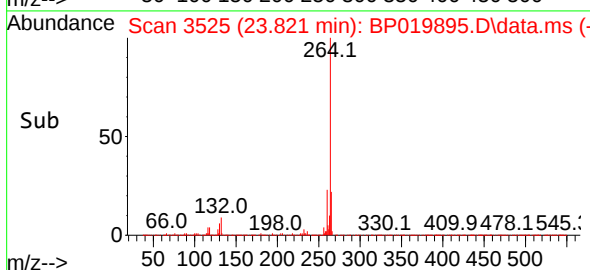
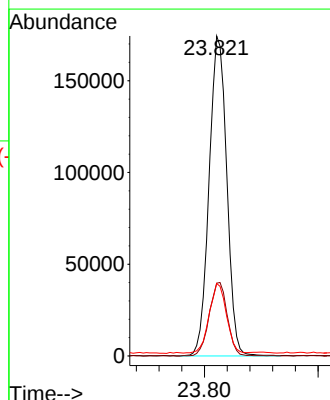
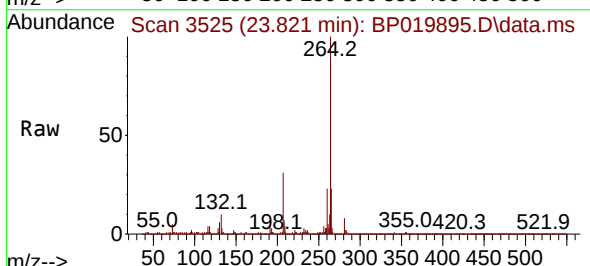
Tgt Ion:264 Resp: 375436

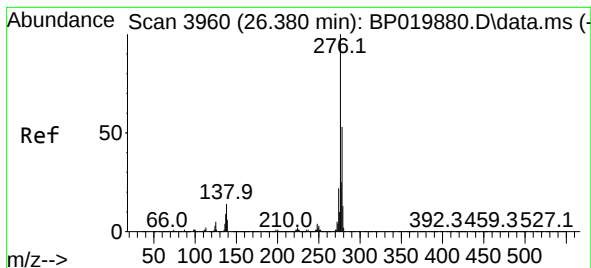
Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 22.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.936 ng

RT: 26.368 min Scan# 3958

Delta R.T. -0.012 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

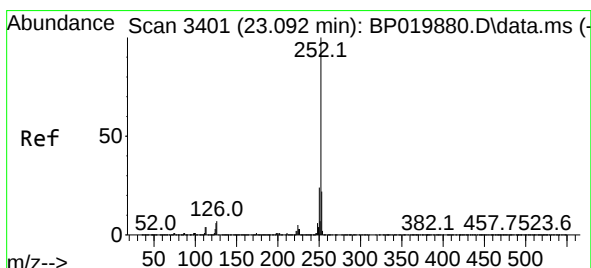
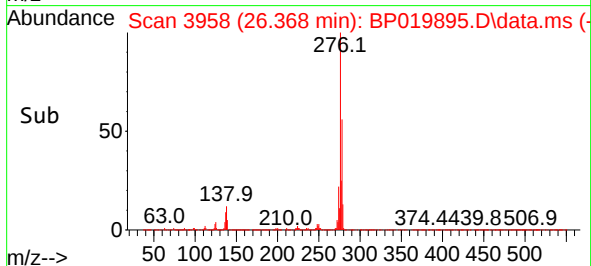
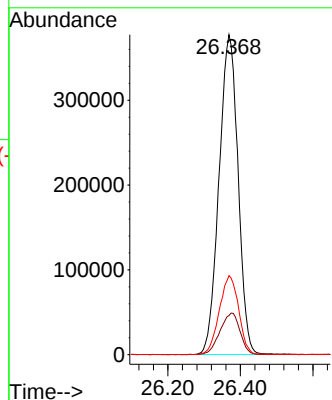
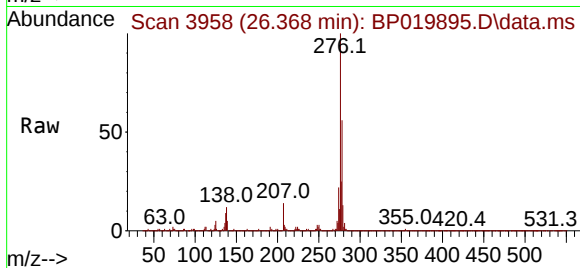
Tgt Ion:276 Resp: 1372718

Ion Ratio Lower Upper

276 100

138 13.6 11.7 17.5

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 41.405 ng

RT: 23.086 min Scan# 3400

Delta R.T. -0.006 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

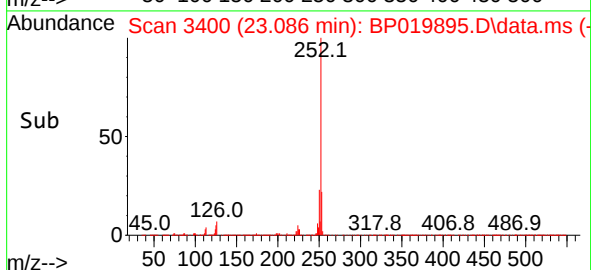
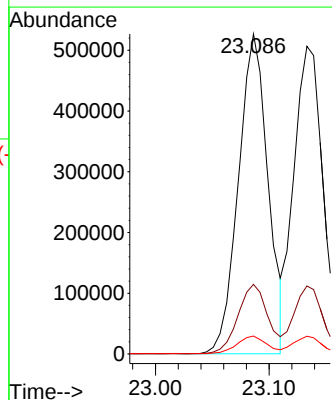
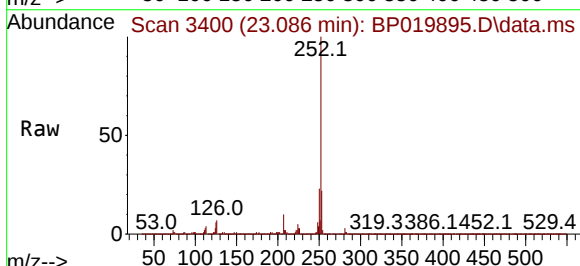
Tgt Ion:252 Resp: 953045

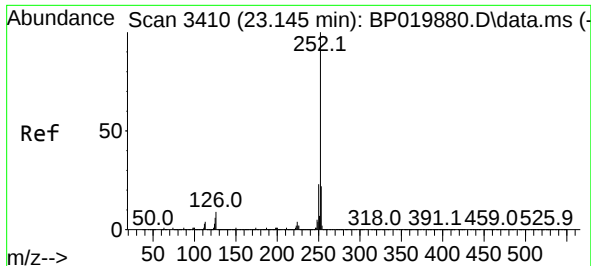
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 5.6 4.6 7.0

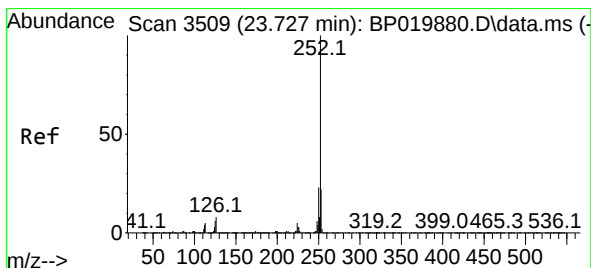
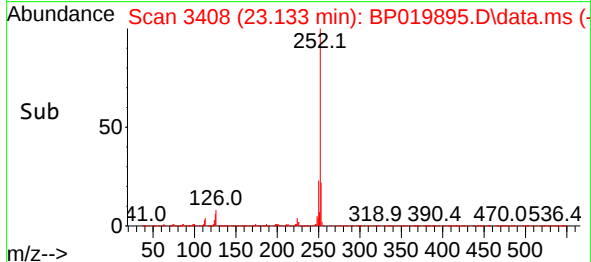
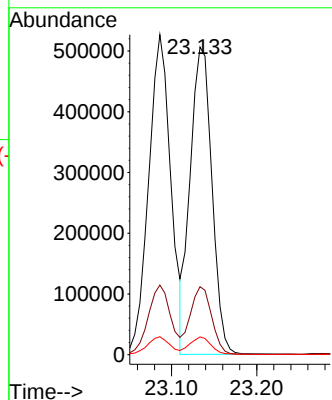
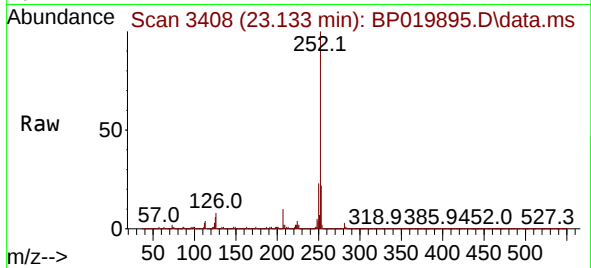




#89
Benzo(k)fluoranthene
Concen: 39.776 ng
RT: 23.133 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

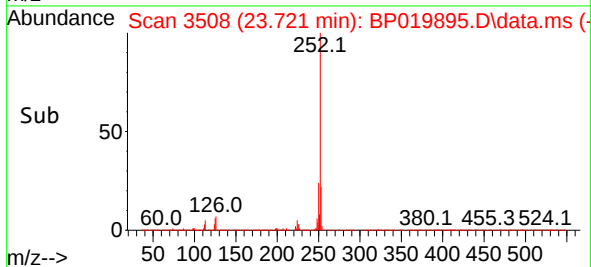
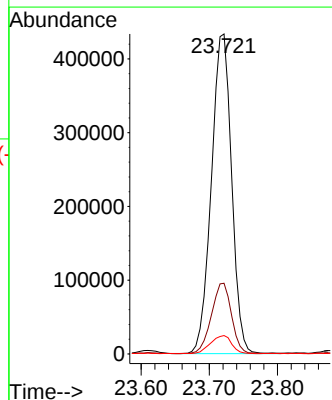
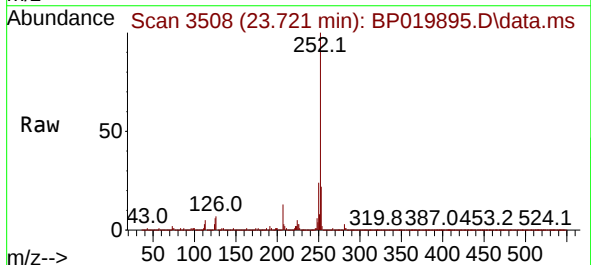
Instrument :
BNA_P
ClientSampleId :
VNJ-232MS

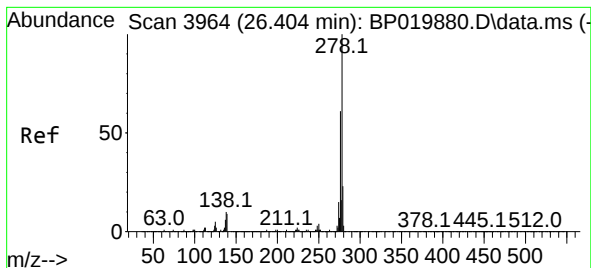
Tgt Ion:252 Resp: 897906
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 5.8 4.6 6.8



#90
Benzo(a)pyrene
Concen: 40.702 ng
RT: 23.721 min Scan# 3508
Delta R.T. -0.006 min
Lab File: BP019895.D
Acq: 27 Feb 2024 14:19

Tgt Ion:252 Resp: 895328
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 5.8 5.2 7.8





#91

Dibenzo(a,h)anthracene

Concen: 50.350 ng

RT: 26.392 min Scan# 3964

Delta R.T. -0.012 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Instrument :

BNA_P

ClientSampleId :

VNJ-232MS

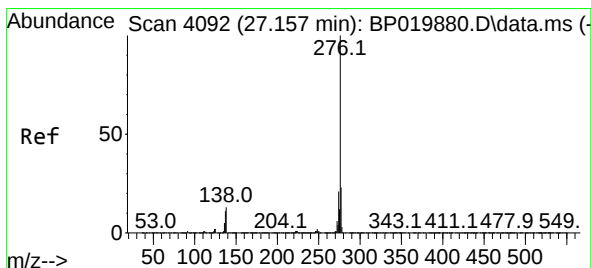
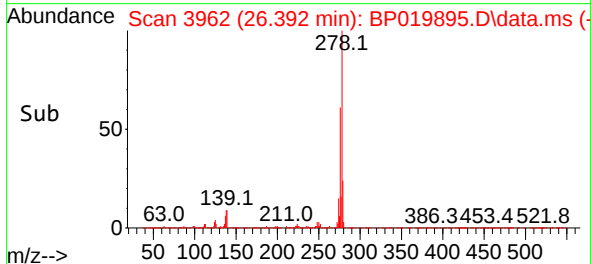
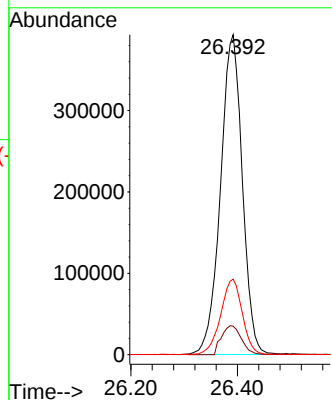
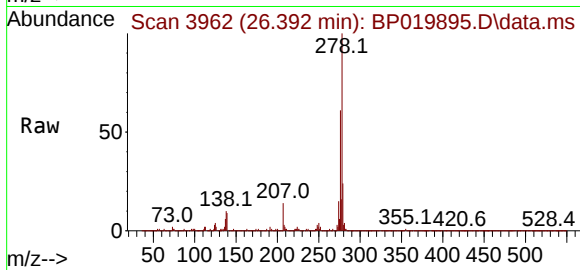
Tgt Ion:278 Resp: 1118755

Ion Ratio Lower Upper

278 100

139 8.9 7.4 11.0

279 23.6 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 51.447 ng

RT: 27.145 min Scan# 4090

Delta R.T. -0.012 min

Lab File: BP019895.D

Acq: 27 Feb 2024 14:19

Tgt Ion:276 Resp: 1103503

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 12.3 10.2 15.2

