

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
 Data File : BP003997.D
 Acq On : 18 Nov 2020 17:08
 Operator : CG/JU
 Sample : L4778-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223MSD

Quant Time: Nov 18 17:37:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	145115	20.00	ng	0.00
21) Naphthalene-d8	11.116	136	549149	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	313299	20.00	ng	0.00
64) Phenanthrene-d10	17.651	188	571918	20.00	ng	# 0.01
76) Chrysene-d12	21.698	240	535805	20.00	ng	# 0.02
86) Perylene-d12	24.210	264	597886	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.810	112	874047	100.53	ng	0.00
7) Phenol-d6	7.463	99	1130954	90.61	ng	0.01
23) Nitrobenzene-d5	9.451	82	722646	64.45	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	363763	92.83	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1497567	66.83	ng	0.00
79) Terphenyl-d14	20.145	244	1647414	59.40	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.493	88	147252	39.25	ng	# 62
3) Pyridine	3.928	79	450707	40.97	ng	# 59
4) n-Nitrosodimethylamine	3.828	42	245096	48.39	ng	# 52
6) Aniline	7.587	93	283976	20.04	ng	# 83
8) 2-Chlorophenol	7.857	128	487326	52.79	ng	# 81
9) Benzaldehyde	7.387	77	78646	10.76	ng	# 80
10) Phenol	7.487	94	622634	51.70	ng	82
11) bis(2-Chloroethyl)ether	7.669	93	487373	50.35	ng	# 80
12) 1,3-Dichlorobenzene	8.181	146	556726	49.21	ng	# 94
13) 1,4-Dichlorobenzene	8.316	146	564097	49.46	ng	96
14) 1,2-Dichlorobenzene	8.652	146	537572	49.34	ng	97
15) Benzyl Alcohol	8.522	79	455513	52.69	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.810	45	757640	46.47	ng	82
17) 2-Methylphenol	8.752	107	410017	51.85	ng	# 94
18) Hexachloroethane	9.399	117	206816	51.02	ng	98
19) n-Nitroso-di-n-propyla...	9.087	70	373236	50.03	ng	# 76
20) 3+4-Methylphenols	9.081	107	546295	51.75	ng	91
22) Acetophenone	9.104	105	721923	48.98	ng	# 84
24) Nitrobenzene	9.493	77	561247	50.37	ng	# 81
25) Isophorone	10.016	82	997514	52.37	ng	# 90
26) 2-Nitrophenol	10.216	139	265360	60.99	ng	# 73
27) 2,4-Dimethylphenol	10.287	122	428505	59.04	ng	93
28) bis(2-Chloroethoxy)met...	10.487	93	606878	46.44	ng	98
29) 2,4-Dichlorophenol	10.775	162	453625	51.87	ng	95
30) 1,2,4-Trichlorobenzene	10.987	180	517510	48.57	ng	99
31) Naphthalene	11.169	128	1447966	49.14	ng	100
32) Benzoic acid	10.463	122	197489	40.36	ng	# 71
33) 4-Chloroaniline	11.257	127	241488	19.28	ng	# 88
34) Hexachlorobutadiene	11.475	225	332377	47.83	ng	99
35) Caprolactam	12.004	113	139994	51.77	ng	# 8
36) 4-Chloro-3-methylphenol	12.393	107	478839	50.72	ng	88
37) 2-Methylnaphthalene	12.751	142	1022182	48.47	ng	97
38) 1-Methylnaphthalene	12.969	142	944023	46.93	ng	98
40) 1,2,4,5-Tetrachloroben...	13.134	216	556662	53.69	ng	99
41) Hexachlorocyclopentadiene	13.122	237	264823	50.62	ng	99
43) 2,4,6-Trichlorophenol	13.363	196	348099	54.31	ng	99

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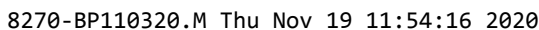
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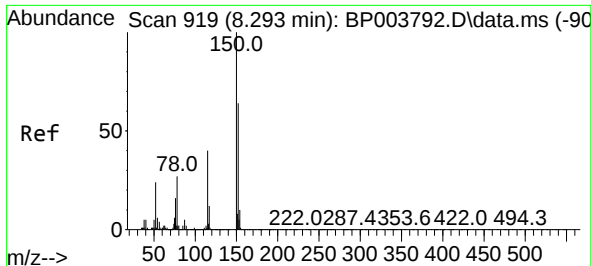
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.445	196	370716	54.93	ng	#	95
46) 1,1'-Biphenyl	13.739	154	1318607	54.22	ng		98
47) 2-Chloronaphthalene	13.792	162	977429	48.98	ng		98
48) 2-Nitroaniline	13.975	65	321694	54.03	ng	#	59
49) Acenaphthylene	14.634	152	1462847	49.92	ng		100
50) Dimethylphthalate	14.339	163	1387032	56.64	ng		99
51) 2,6-Dinitrotoluene	14.457	165	268945	53.52	ng	#	75
52) Acenaphthene	14.975	154	1011299	51.81	ng		98
53) 3-Nitroaniline	14.786	138	182798	32.87	ng	#	71
54) 2,4-Dinitrophenol	15.004	184	224177	79.68	ng	#	80
55) Dibenzofuran	15.304	168	1390499	47.95	ng		99
56) 4-Nitrophenol	15.128	139	395064	98.55	ng	#	56
57) 2,4-Dinitrotoluene	15.251	165	352718	52.28	ng	#	76
58) Fluorene	15.951	166	1087245	46.82	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.545	232	289099	47.52	ng	#	98
60) Diethylphthalate	15.692	149	1130902	47.16	ng		98
61) 4-Chlorophenyl-phenyle...	15.928	204	574551	45.27	ng		98
62) 4-Nitroaniline	15.951	138	233988	40.35	ng		80
63) Azobenzene	16.222	77	1059709	46.81	ng		85
65) 4,6-Dinitro-2-methylph...	16.028	198	174138	55.42	ng	#	58
66) n-Nitrosodiphenylamine	16.139	169	974227	55.65	ng		97
67) 4-Bromophenyl-phenylether	16.822	248	339316	50.71	ng		92
68) Hexachlorobenzene	16.992	284	374090	48.99	ng		95
69) Atrazine	17.075	200	295800	51.46	ng		94
70) Pentachlorophenol	17.322	266	348997	95.55	ng		99
71) Phenanthrene	17.692	178	1585441	49.39	ng		98
72) Anthracene	17.780	178	1614100	52.07	ng		98
73) Carbazole	18.033	167	1421028	49.41	ng		98
74) Di-n-butylphthalate	18.545	149	1913806	57.48	ng	#	97
75) Fluoranthene	19.627	202	1795092	48.47	ng		99
77) Benzidine	19.769	184	456475	36.12	ng	#	89
78) Pyrene	19.980	202	1816310	49.95	ng		98
80) Butylbenzylphthalate	20.792	149	712522	52.59	ng	#	81
81) Benzo(a)anthracene	21.680	228	1735903	49.13	ng		98
82) 3,3'-Dichlorobenzidine	21.586	252	272281	22.34	ng	#	92
83) Chrysene	21.733	228	1678334	49.44	ng		98
84) Bis(2-ethylhexyl)phtha...	21.551	149	2611052	130.75	ng		96
85) Di-n-octyl phthalate	22.492	149	1839642	55.29	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.809	276	2147832	49.80	ng		98
88) Benzo(b)fluoranthene	23.445	252	1856253	47.44	ng	#	85
89) Benzo(k)fluoranthene	23.492	252	1759844	45.55	ng	#	88
90) Benzo(a)pyrene	24.104	252	1675926	46.27	ng	#	86
91) Dibenzo(a,h)anthracene	26.804	278	1817126	50.54	ng		97
92) Benzo(g,h,i)perylene	27.615	276	1798018	51.67	ng		99

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

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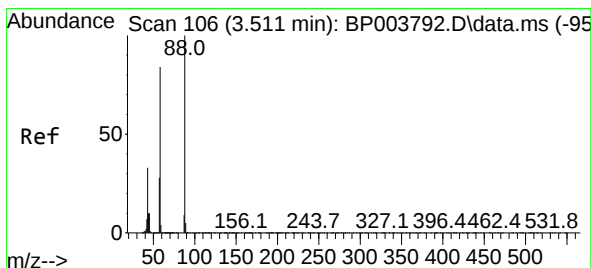
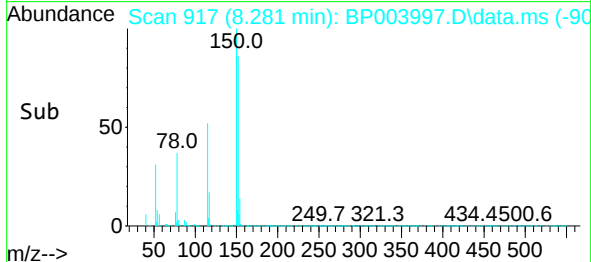
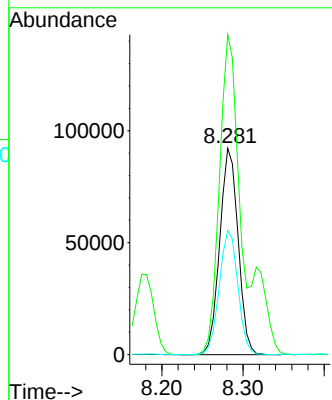
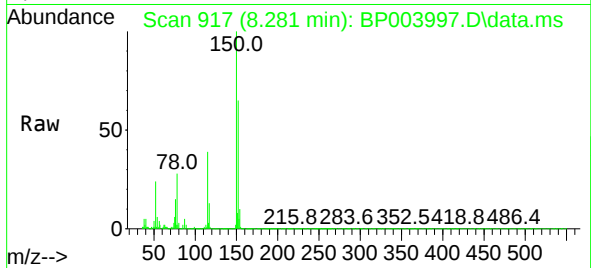




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

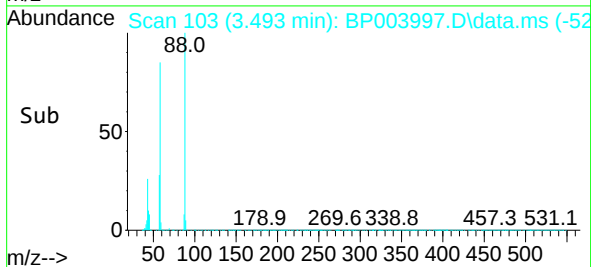
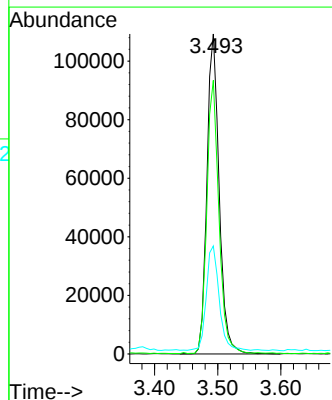
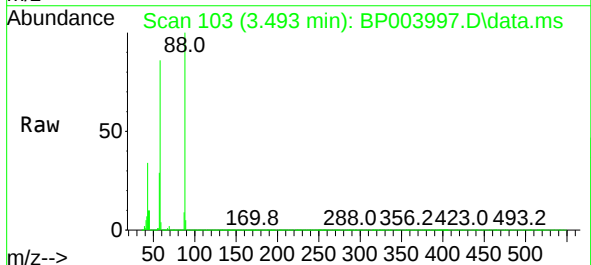
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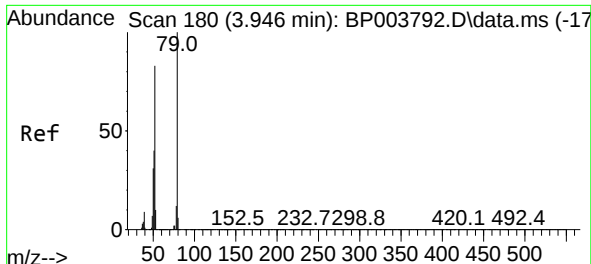
Tgt Ion:152 Resp: 145115
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 60.1 43.8 65.6



#2
1,4-Dioxane
Concen: 39.25 ng
RT: 3.493 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion: 88 Resp: 147252
Ion Ratio Lower Upper
88 100
58 84.3 44.2 66.4#
43 33.9 15.2 22.8#

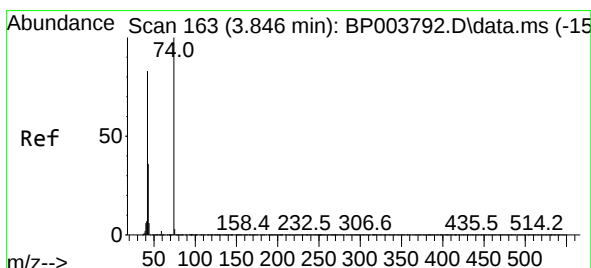
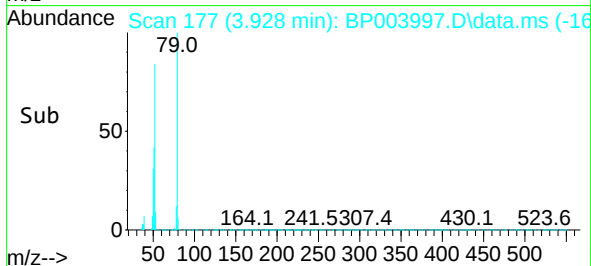
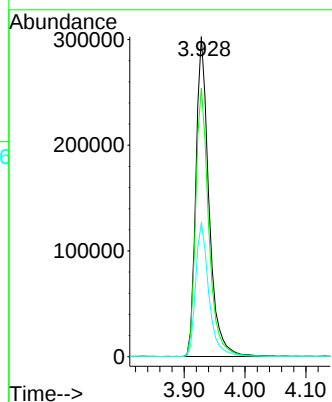
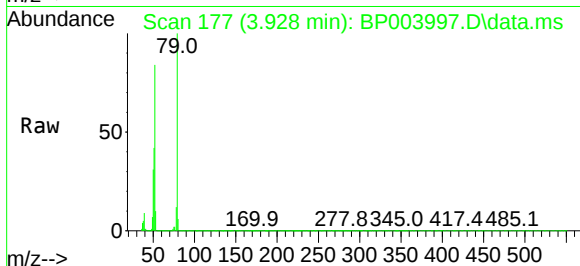




#3
Pyridine
Concen: 40.97 ng
RT: 3.928 min Scan# 177
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

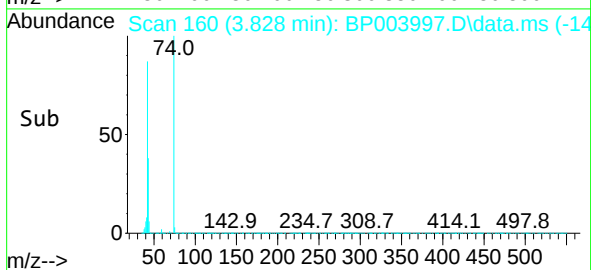
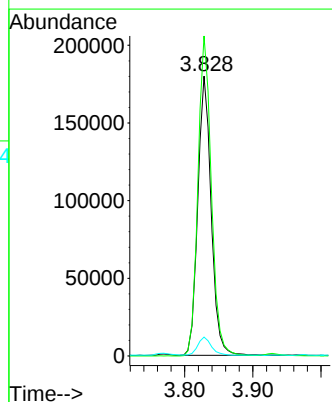
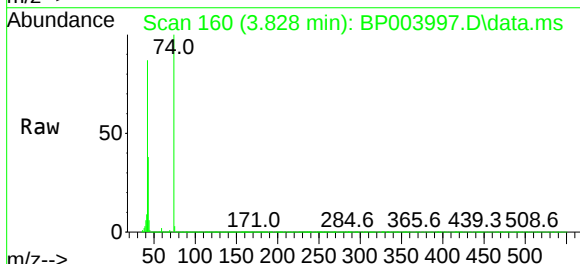
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

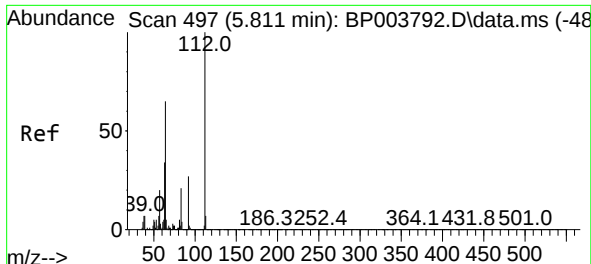
Tgt Ion: 79 Resp: 450707
Ion Ratio Lower Upper
79 100
52 83.9 41.3 61.9#
51 41.7 21.2 31.8#



#4
n-Nitrosodimethylamine
Concen: 48.39 ng
RT: 3.828 min Scan# 160
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion: 42 Resp: 245096
Ion Ratio Lower Upper
42 100
74 114.4 148.6 223.0#
44 6.7 5.3 7.9

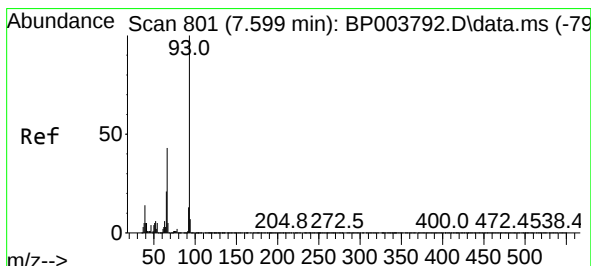
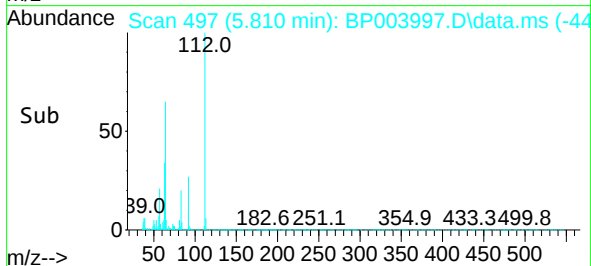
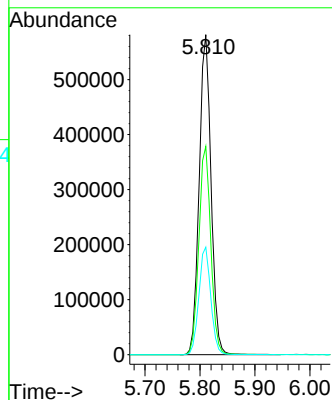
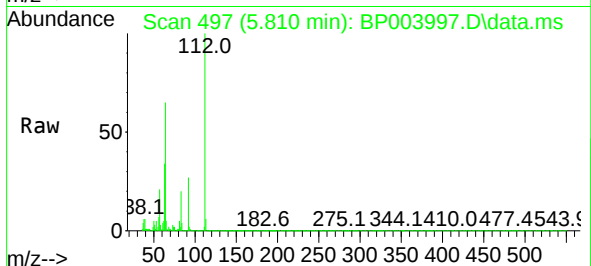




#5
2-Fluorophenol
Concen: 100.53 ng
RT: 5.810 min Scan# 497
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

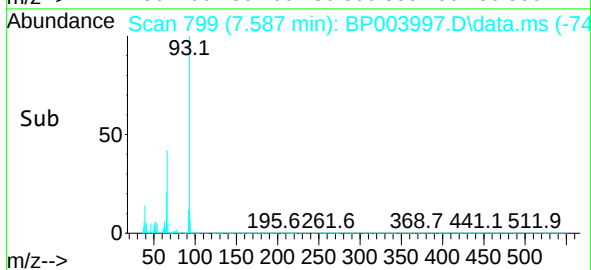
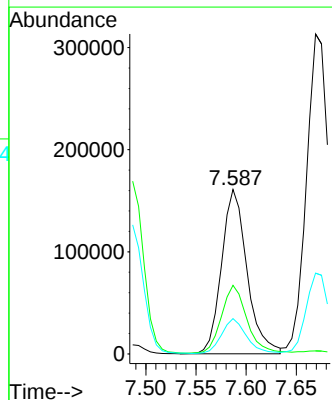
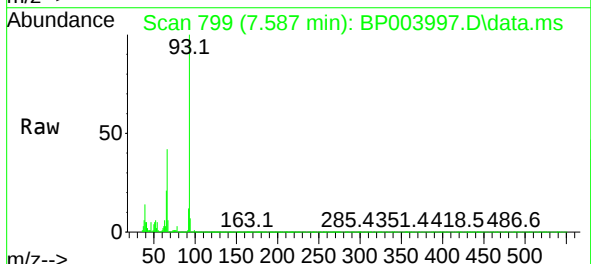
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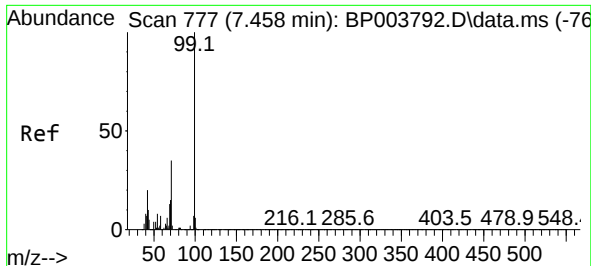
Tgt Ion:112 Resp: 874047
Ion Ratio Lower Upper
112 100
64 65.0 32.8 49.2#
63 33.6 17.0 25.4#



#6
Aniline
Concen: 20.04 ng
RT: 7.587 min Scan# 799
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion: 93 Resp: 283976
Ion Ratio Lower Upper
93 100
66 41.7 25.4 38.0#
65 21.5 12.5 18.7#

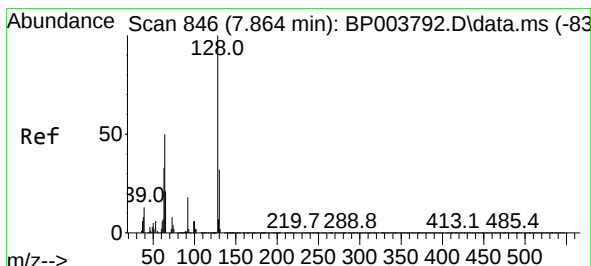
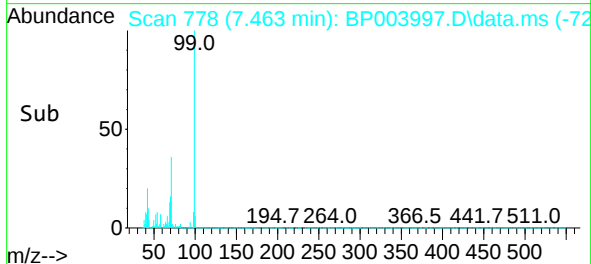
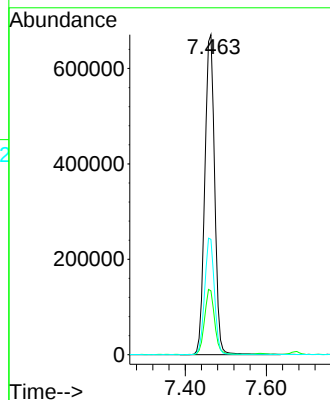
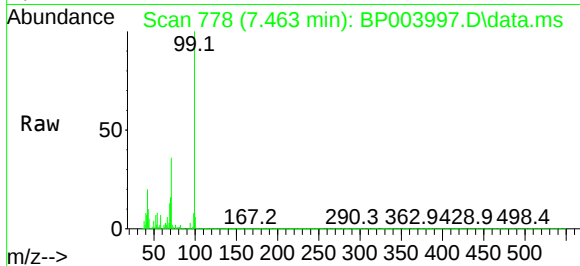




#7
Phenol-d6
Concen: 90.61 ng
RT: 7.463 min Scan# 778
Delta R.T. 0.012 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

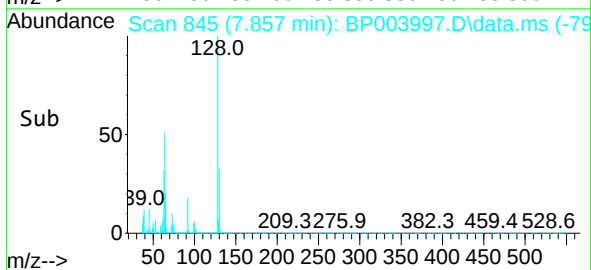
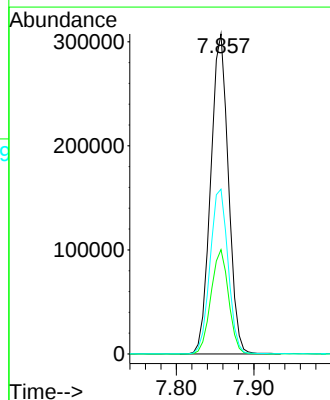
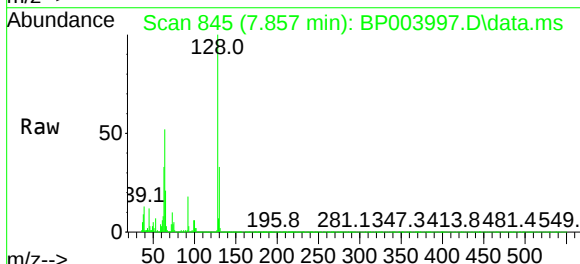
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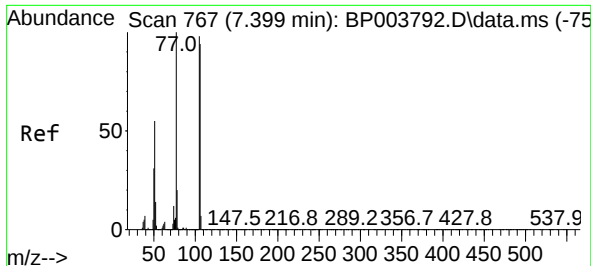
Tgt Ion: 99 Resp: 1130954
Ion Ratio Lower Upper
99 100
42 20.0 8.6 13.0#
71 36.1 23.4 35.2#



#8
2-Chlorophenol
Concen: 52.79 ng
RT: 7.857 min Scan# 845
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion: 128 Resp: 487326
Ion Ratio Lower Upper
128 100
130 32.6 13.0 53.0
64 51.5 10.4 50.4#

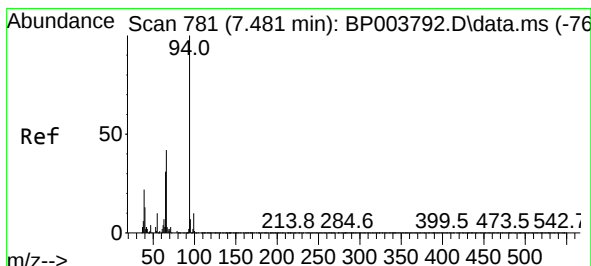
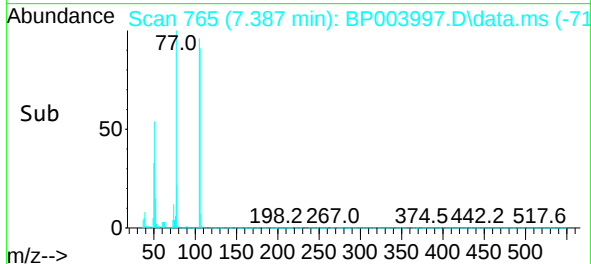
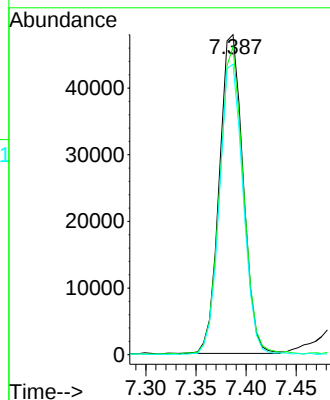
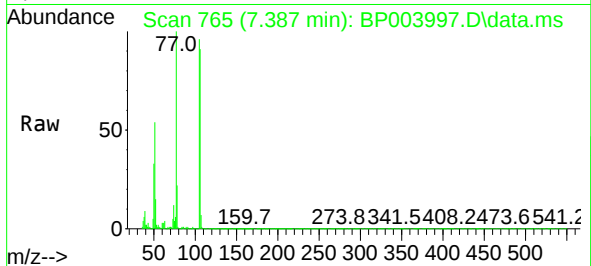




#9
Benzaldehyde
Concen: 10.76 ng
RT: 7.387 min Scan# 765
Delta R.T. 0.000 min
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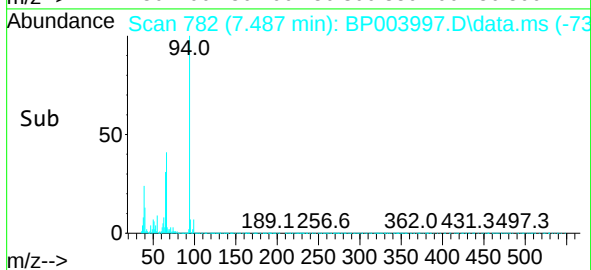
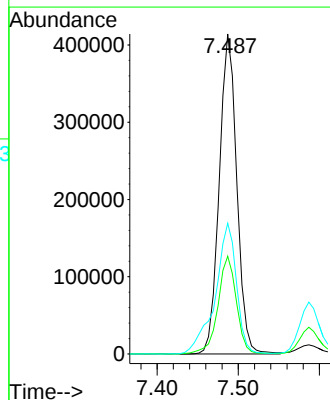
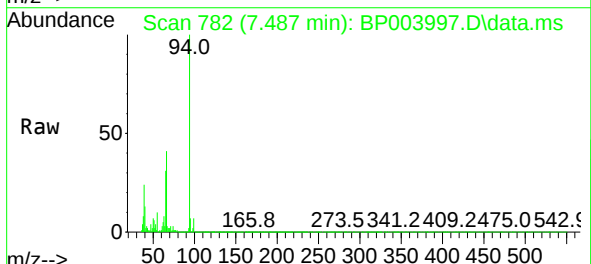
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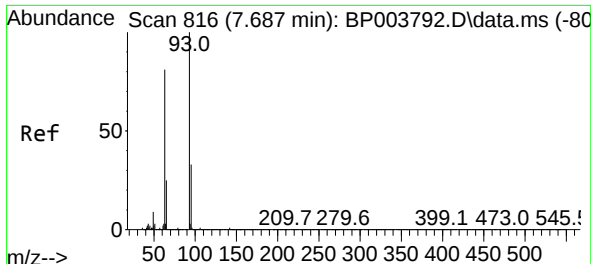
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Ion Ratio Lower Upper
77 100
105 96.2 97.1 137.1#
106 90.8 93.7 133.7#



#10
Phenol
Concen: 51.70 ng
RT: 7.487 min Scan# 782
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion: 94 Resp: 622634
Ion Ratio Lower Upper
94 100
65 30.5 2.3 42.3
66 40.8 10.9 50.9

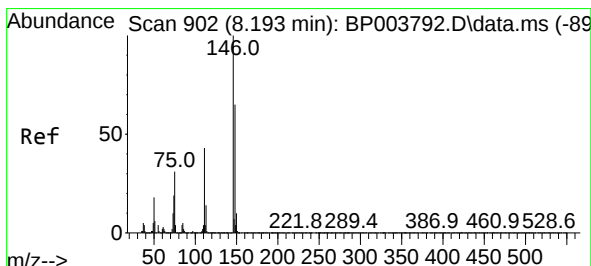
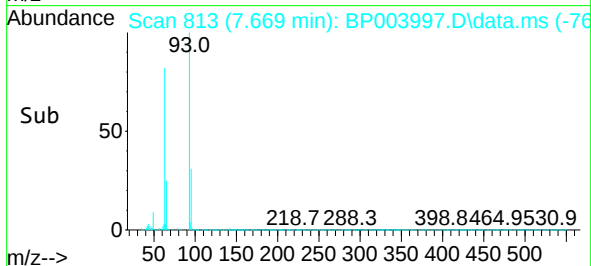
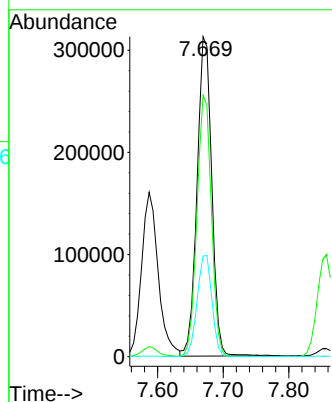
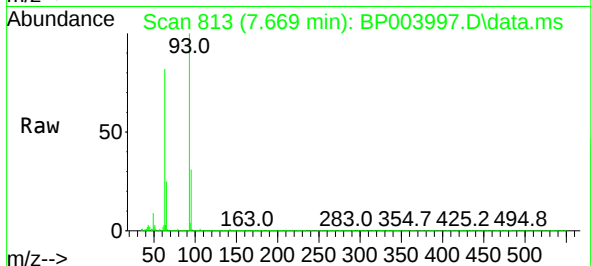




#11
bis(2-Chloroethyl)ether
Concen: 50.35 ng
RT: 7.669 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

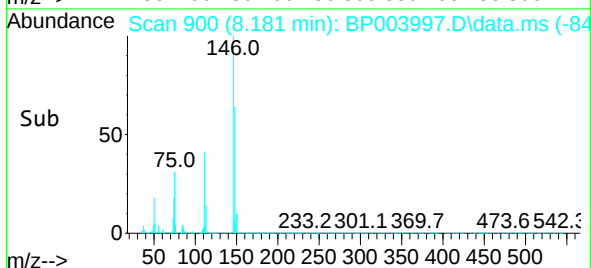
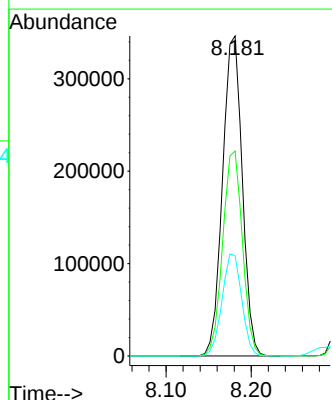
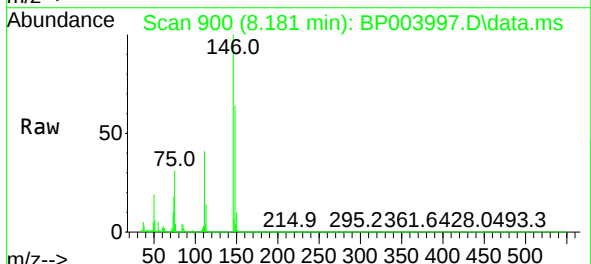
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

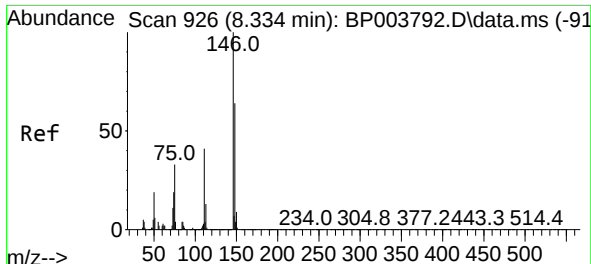
Tgt Ion: 93 Resp: 487373
Ion Ratio Lower Upper
93 100
63 81.7 39.0 79.0#
95 31.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 49.21 ng
RT: 8.181 min Scan# 900
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:146 Resp: 556726
Ion Ratio Lower Upper
146 100
148 64.1 52.5 78.7
75 31.3 18.1 27.1#

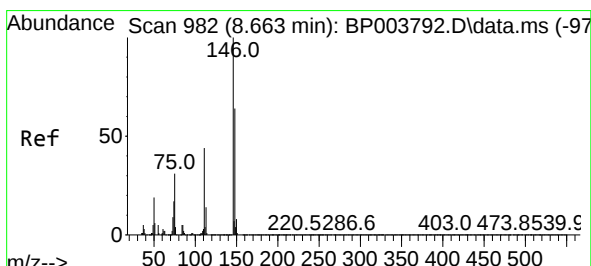
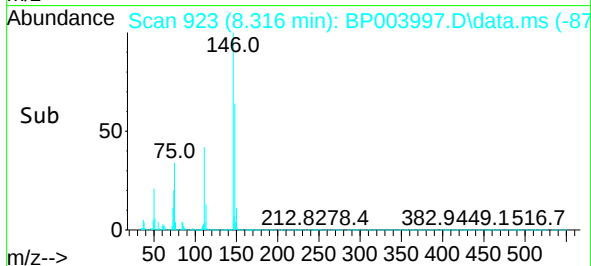
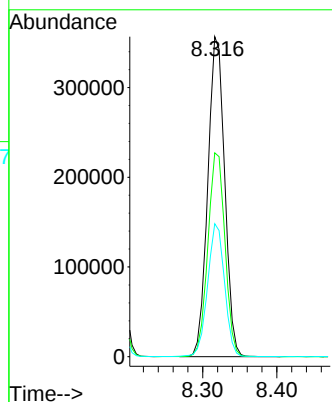
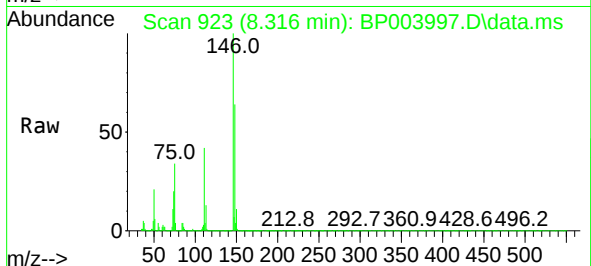




#13
1,4-Dichlorobenzene
Concen: 49.46 ng
RT: 8.316 min Scan# 923
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

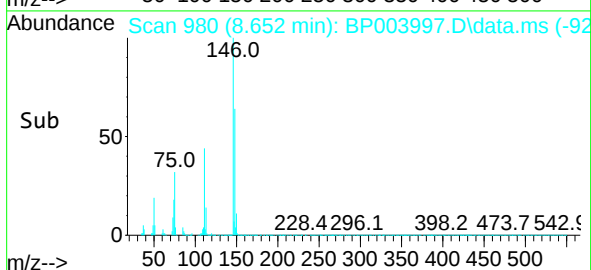
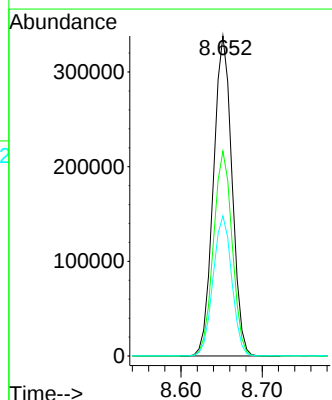
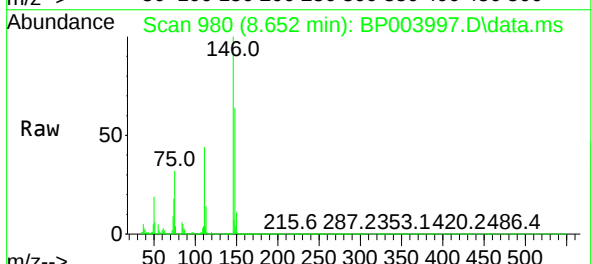
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

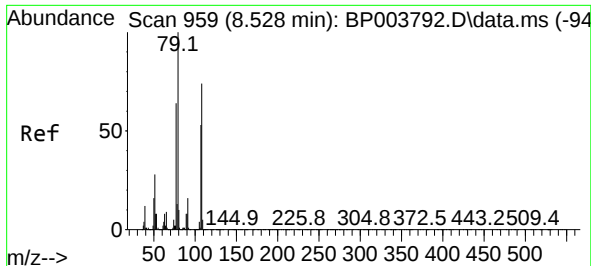
Tgt Ion:146 Resp: 564097
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
111 41.6 28.9 43.3



#14
1,2-Dichlorobenzene
Concen: 49.34 ng
RT: 8.652 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:146 Resp: 537572
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
111 43.8 31.0 46.6

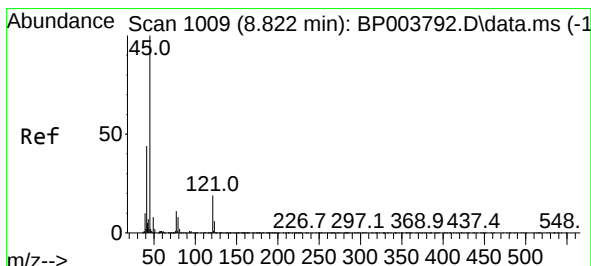
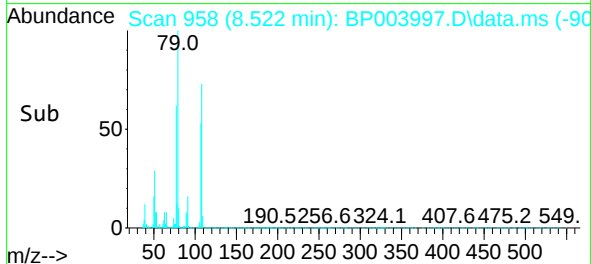
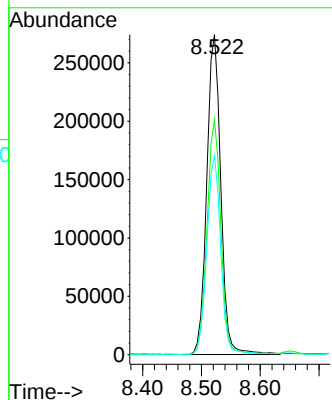
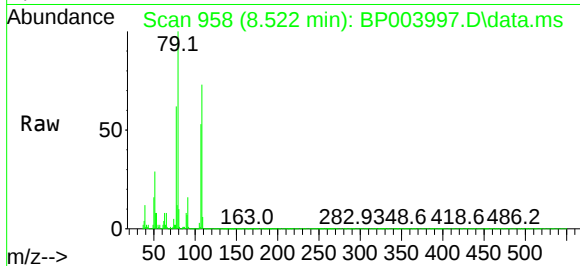




#15
Benzyl Alcohol
Concen: 52.69 ng
RT: 8.522 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

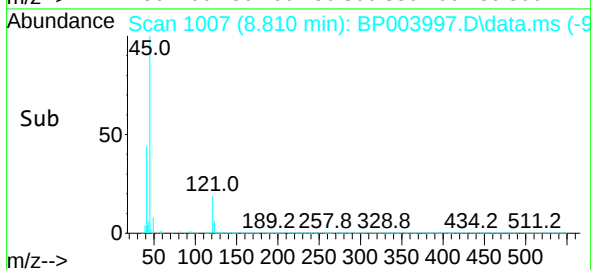
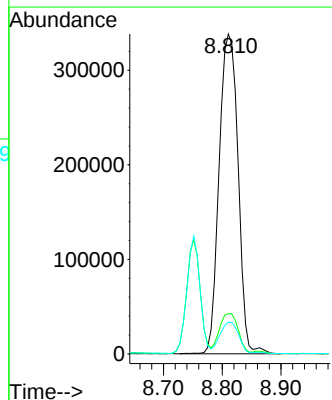
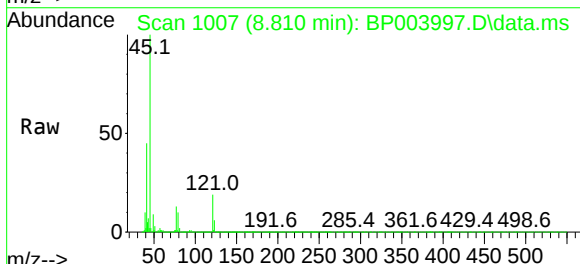
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

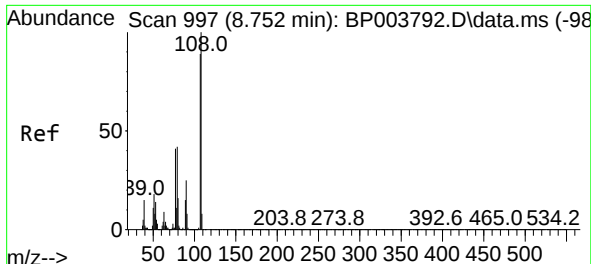
Tgt Ion: 79 Resp: 455513
Ion Ratio Lower Upper
79 100
108 73.4 73.5 110.3#
77 62.3 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.47 ng
RT: 8.810 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion: 45 Resp: 757640
Ion Ratio Lower Upper
45 100
77 12.6 2.3 42.3
79 9.9 0.0 36.6

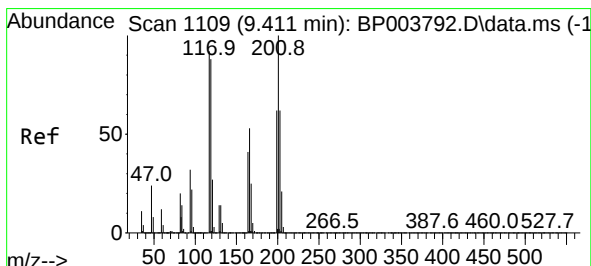
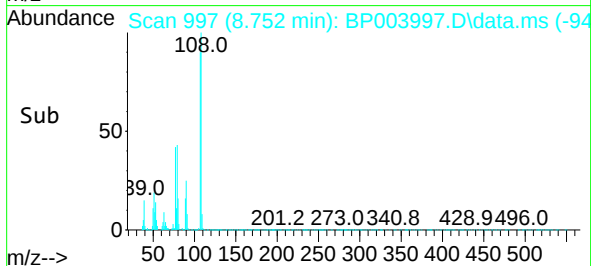
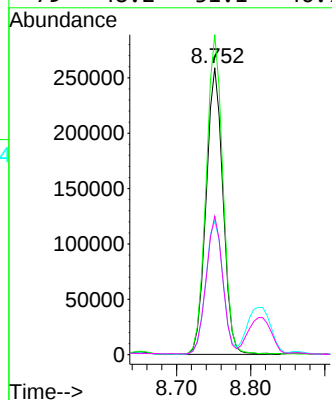
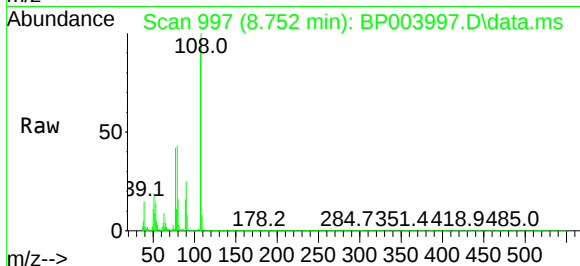




#17
2-Methylphenol
Concen: 51.85 ng
RT: 8.752 min Scan# 997
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

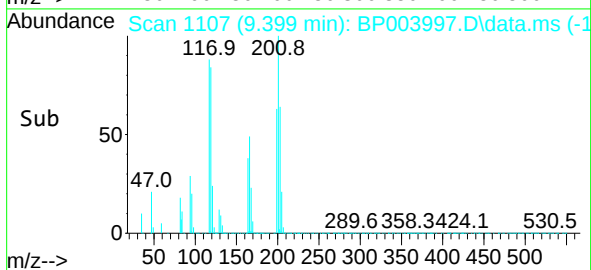
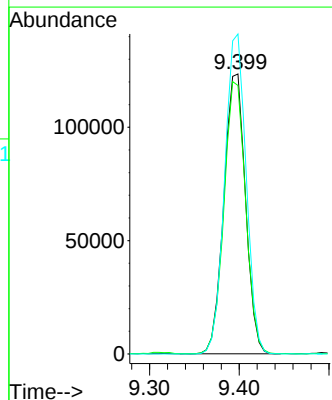
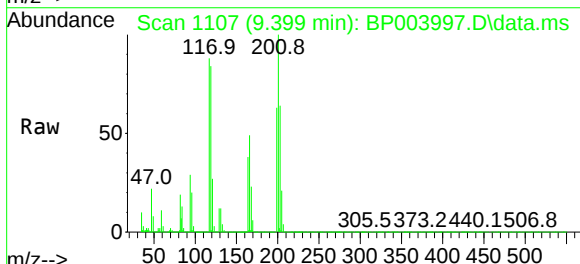
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

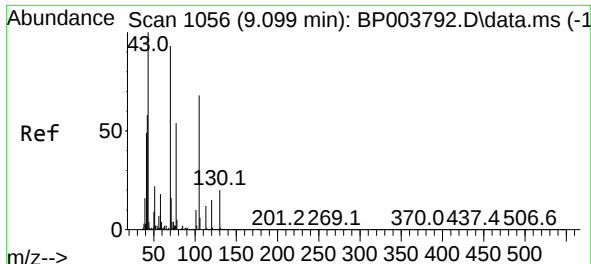
Tgt Ion:	107	Resp:	410017
Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.6	134.4
77	46.6	31.8	47.6
79	48.2	31.1	46.7#



#18
Hexachloroethane
Concen: 51.02 ng
RT: 9.399 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

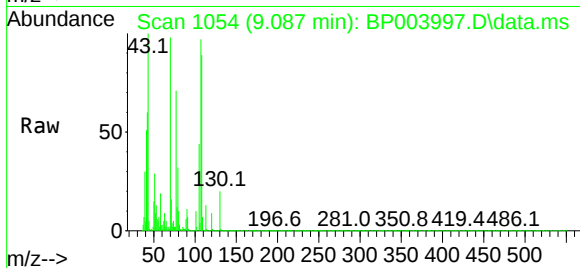
Tgt Ion:	117	Resp:	206816
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.8	118.2
201	114.3	92.3	138.5



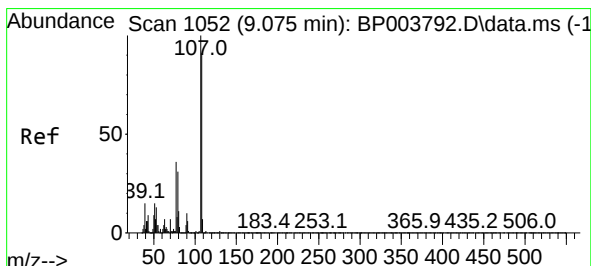
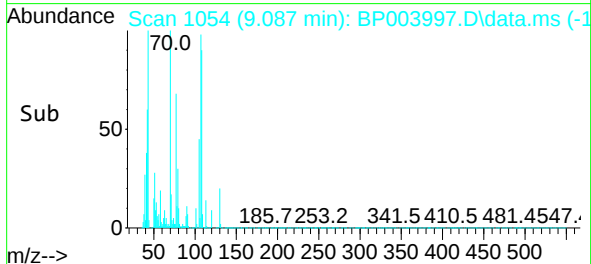
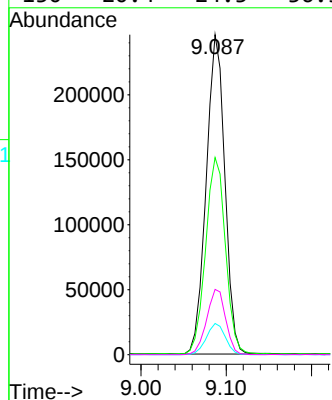


#19
n-Nitroso-di-n-propylamine
Concen: 50.03 ng
RT: 9.087 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

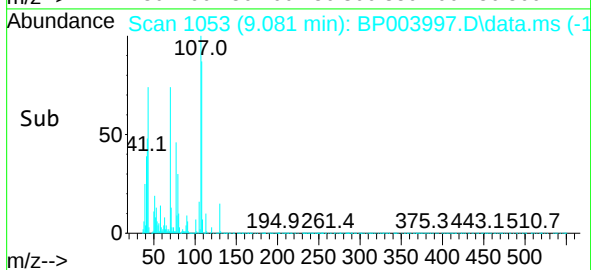
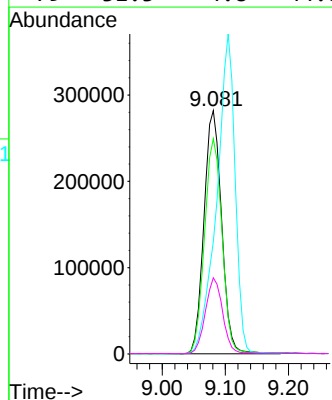
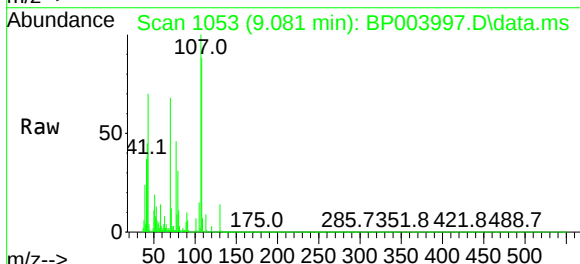


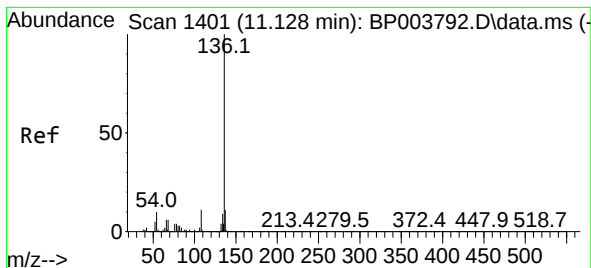
Tgt Ion: 70 Resp: 373236
Ion Ratio Lower Upper
70 100
42 61.6 32.8 49.2#
101 9.7 9.6 14.4
130 20.4 24.3 36.5#



#20
3+4-Methylphenols
Concen: 51.75 ng
RT: 9.081 min Scan# 1053
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion: 107 Resp: 546295
Ion Ratio Lower Upper
107 100
108 88.4 69.0 109.0
77 46.1 8.5 48.5
79 31.3 4.8 44.8

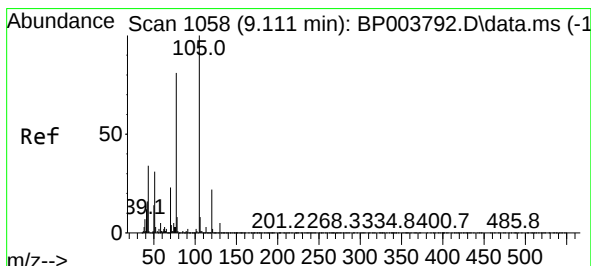
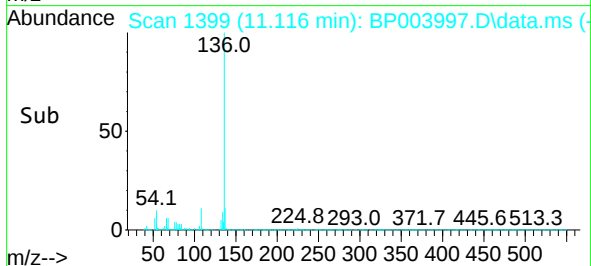
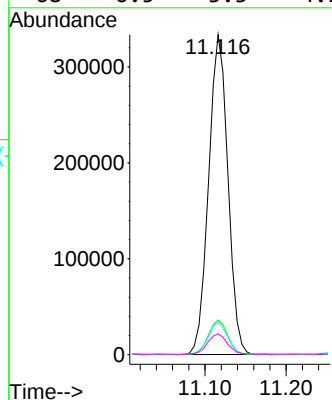
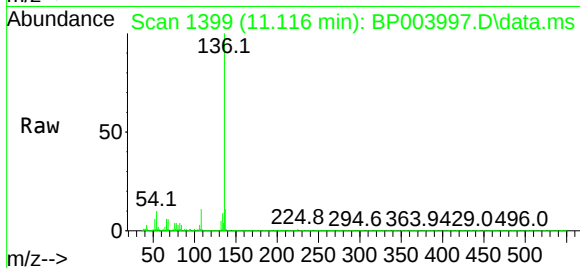




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.116 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

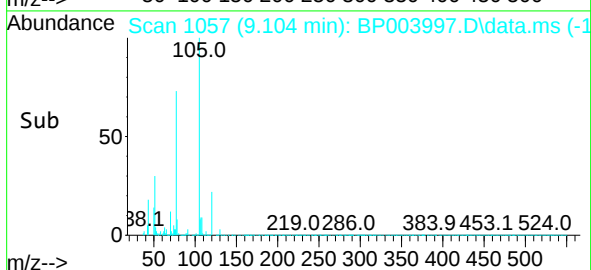
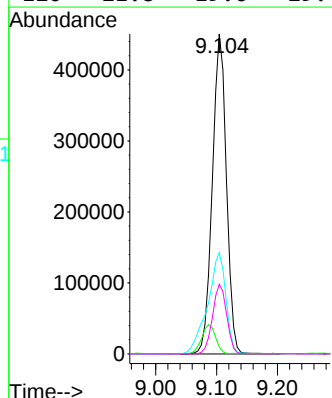
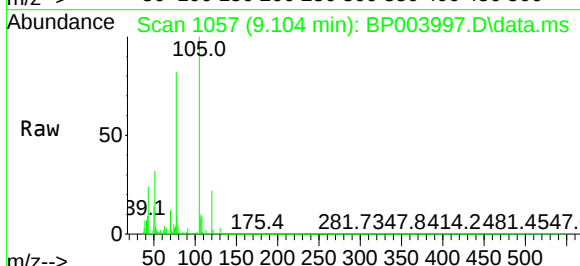
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

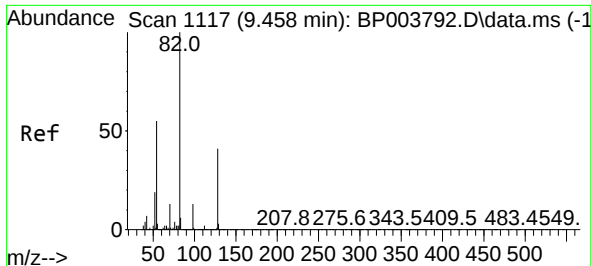
Tgt Ion:	136	Resp:	549149
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	10.1	3.6	5.4#
68	6.5	3.3	4.9#



#22
Acetophenone
Concen: 48.98 ng
RT: 9.104 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:	105	Resp:	721923
Ion Ratio	Lower	Upper	
105	100		
71	2.2	2.6	3.8#
51	31.7	13.5	20.3#
120	21.8	19.6	29.4

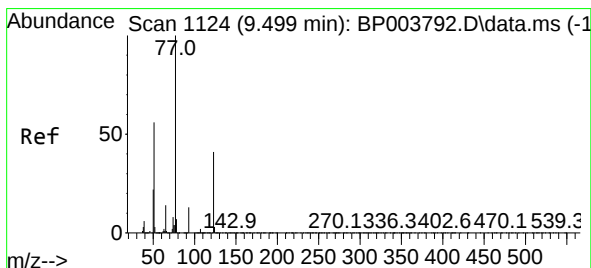
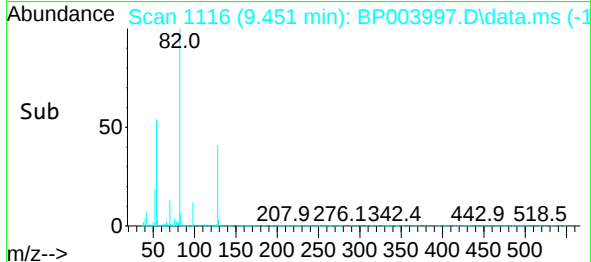
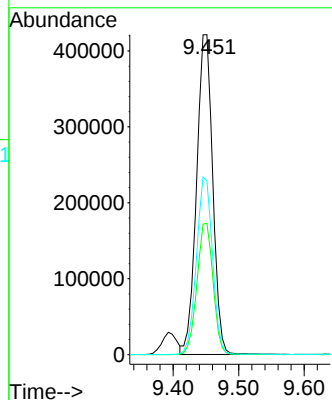
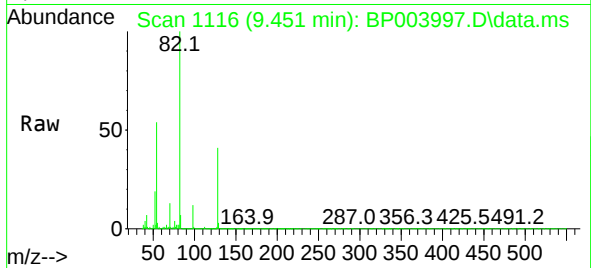




#23
Nitrobenzene-d5
Concen: 64.45 ng
RT: 9.451 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

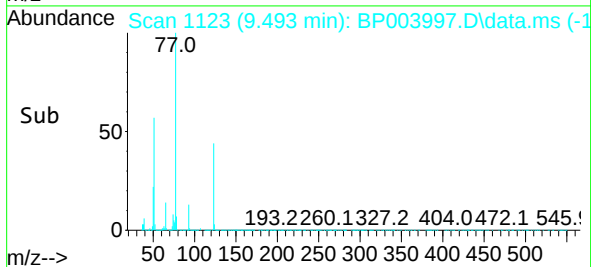
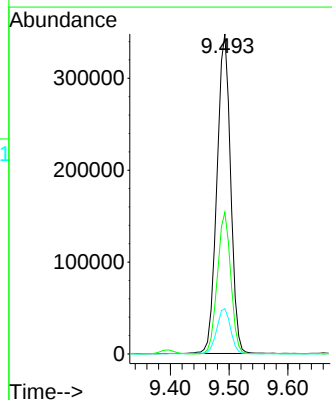
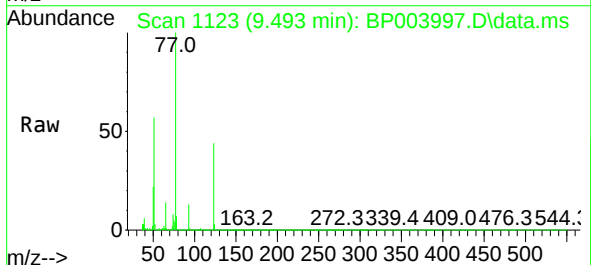
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

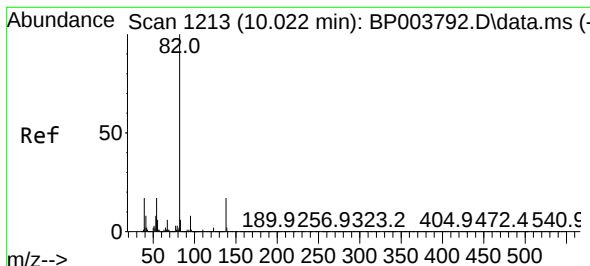
Tgt Ion: 82 Resp: 722646
Ion Ratio Lower Upper
82 100
128 41.0 45.6 68.4#
54 54.3 30.1 45.1#



#24
Nitrobenzene
Concen: 50.37 ng
RT: 9.493 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion: 77 Resp: 561247
Ion Ratio Lower Upper
77 100
123 44.3 48.6 72.8#
65 14.2 10.0 15.0

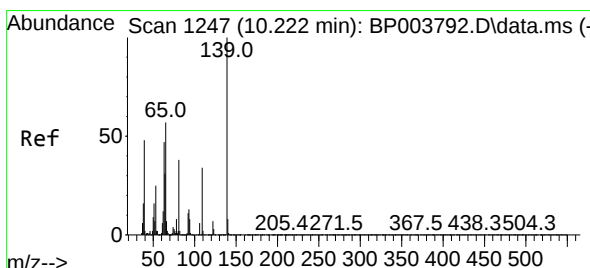
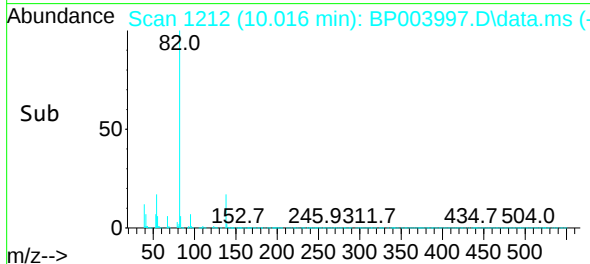
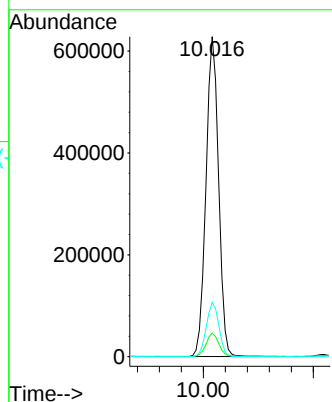
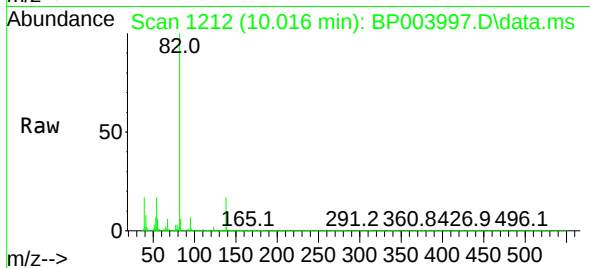




#25
Isophorone
Concen: 52.37 ng
RT: 10.016 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

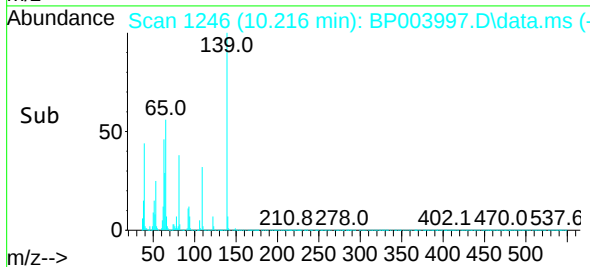
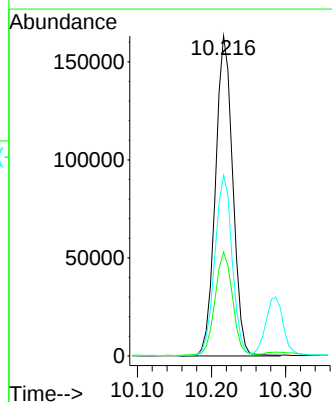
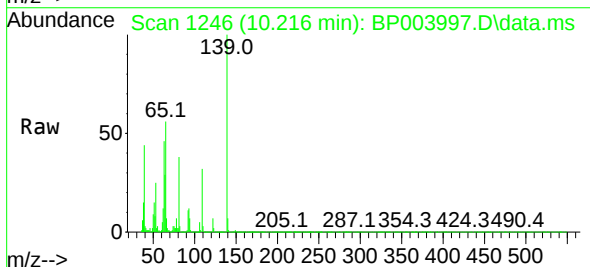
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

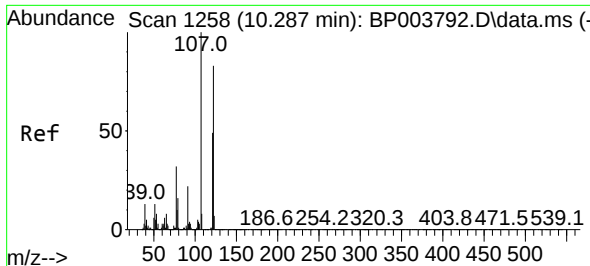
Tgt Ion: 82 Resp: 997514
Ion Ratio Lower Upper
82 100
95 7.4 6.4 9.6
138 16.9 18.7 28.1#



#26
2-Nitrophenol
Concen: 60.99 ng
RT: 10.216 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion: 139 Resp: 265360
Ion Ratio Lower Upper
139 100
109 32.4 22.1 33.1
65 56.4 26.5 39.7#

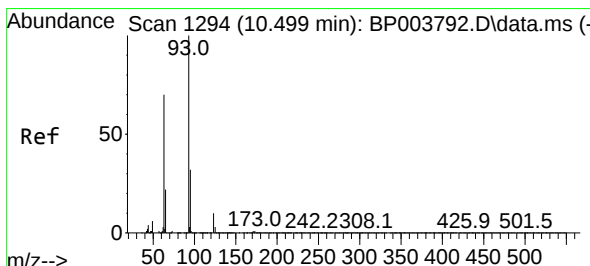
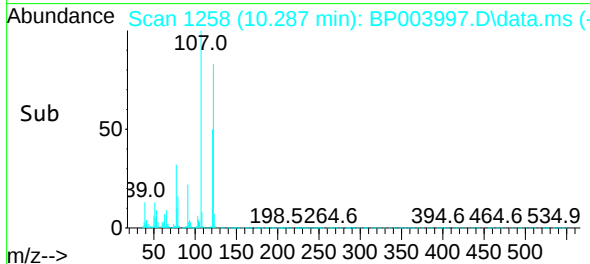
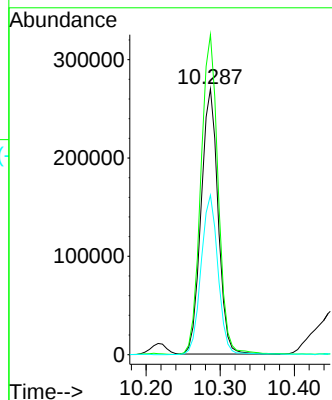
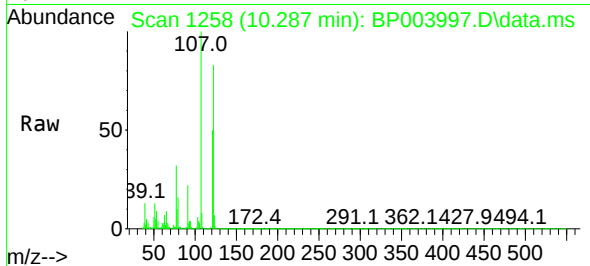




#27
2,4-Dimethylphenol
Concen: 59.04 ng
RT: 10.287 min Scan# 1258
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

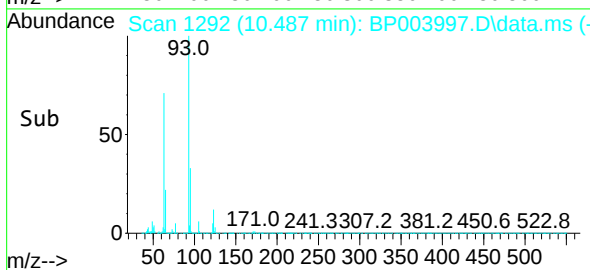
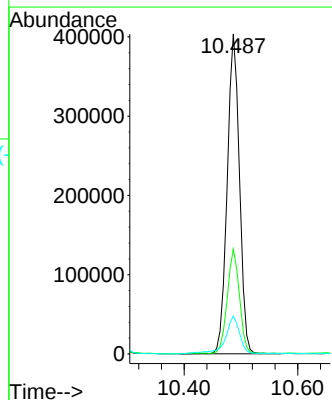
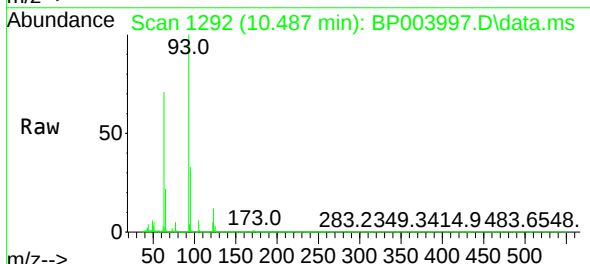
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

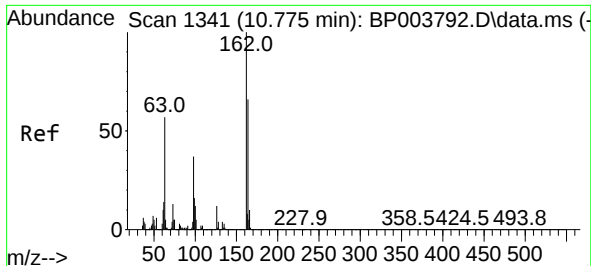
Tgt Ion:122 Resp: 428505
Ion Ratio Lower Upper
122 100
107 120.4 87.3 130.9
121 60.0 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 46.44 ng
RT: 10.487 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion: 93 Resp: 606878
Ion Ratio Lower Upper
93 100
95 32.7 26.7 40.1
123 11.8 10.5 15.7

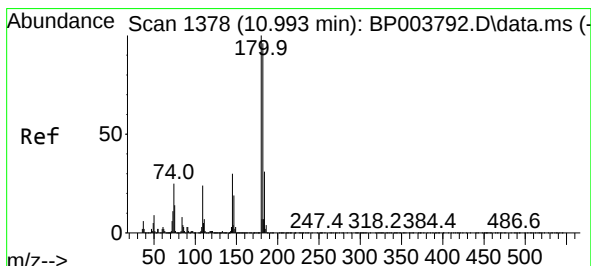
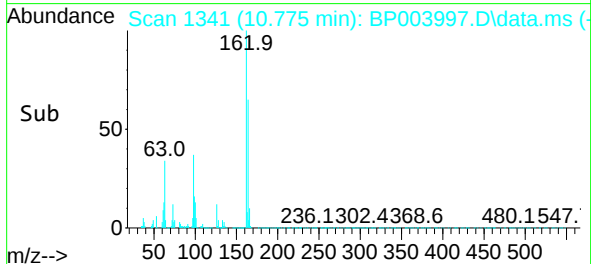
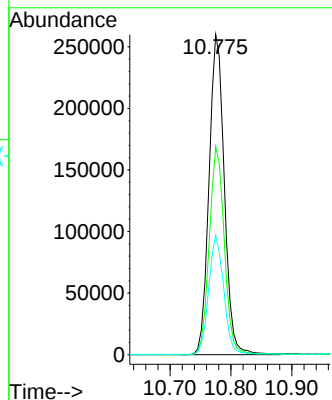
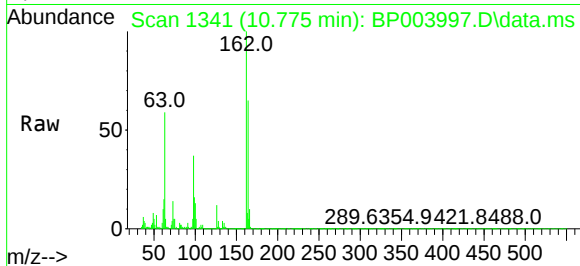




#29
2,4-Dichlorophenol
Concen: 51.87 ng
RT: 10.775 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

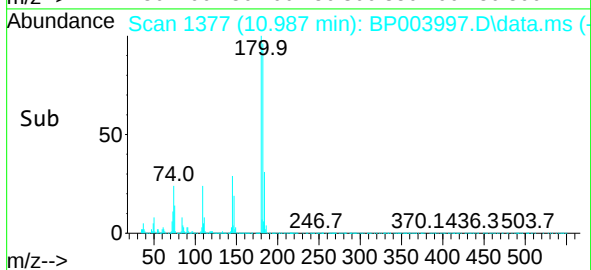
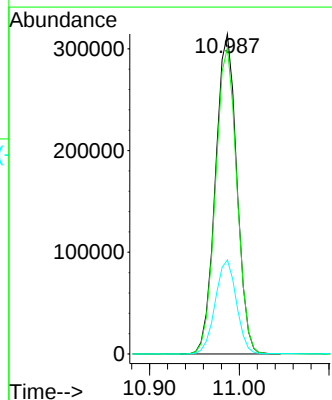
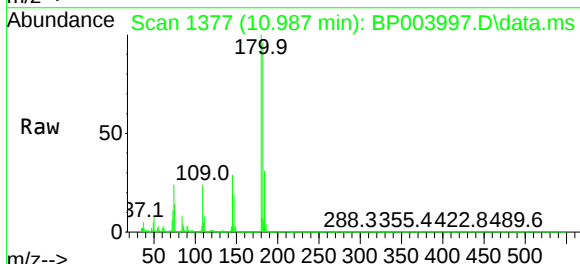
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

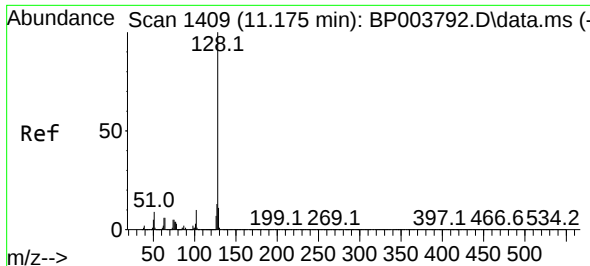
Tgt Ion:162 Resp: 453625
Ion Ratio Lower Upper
162 100
164 65.0 45.8 85.8
98 37.4 10.2 50.2



#30
1,2,4-Trichlorobenzene
Concen: 48.57 ng
RT: 10.987 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:180 Resp: 517510
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.2
145 29.4 23.8 35.8

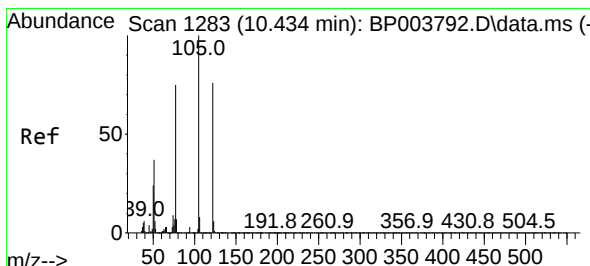
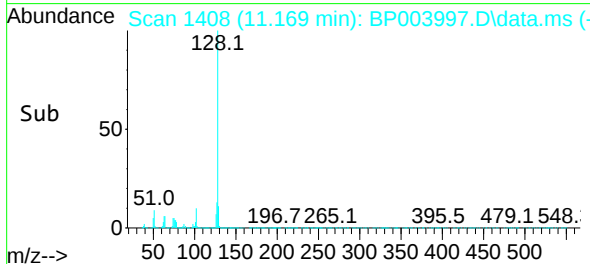
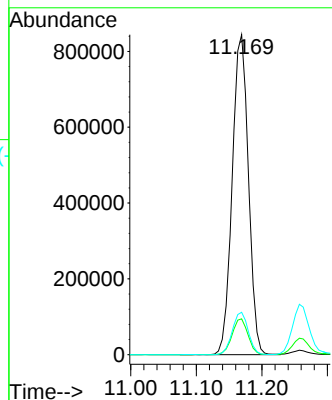
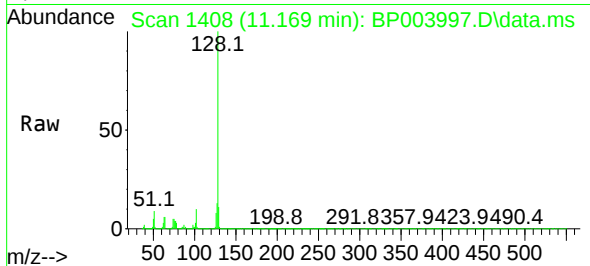




#31
Naphthalene
Concen: 49.14 ng
RT: 11.169 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

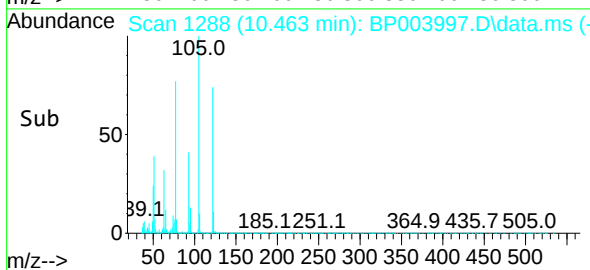
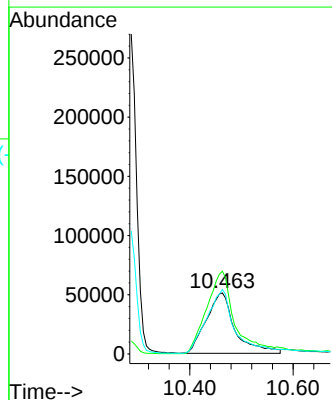
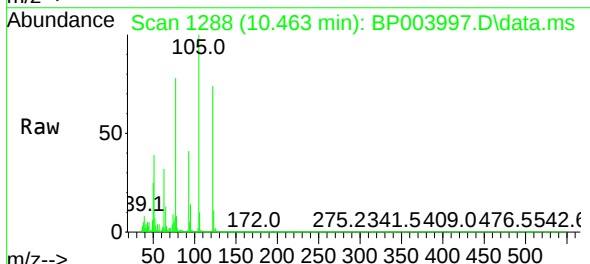
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

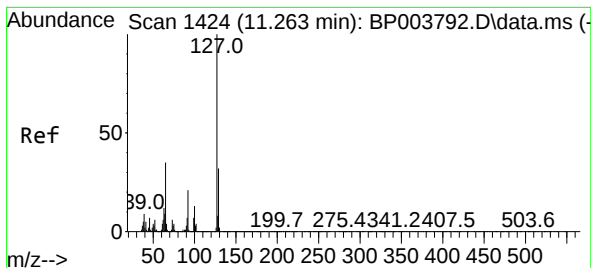
Tgt Ion:128 Resp: 1447966
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 40.36 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.024 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:122 Resp: 197489
Ion Ratio Lower Upper
122 100
105 135.7 94.1 134.1#
77 105.7 50.1 90.1#

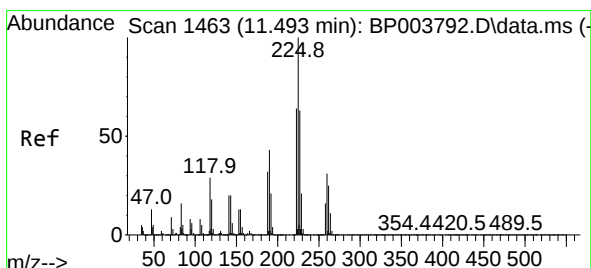
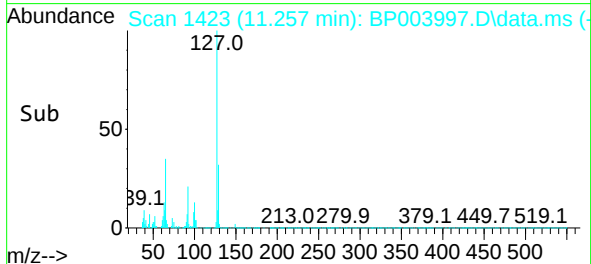
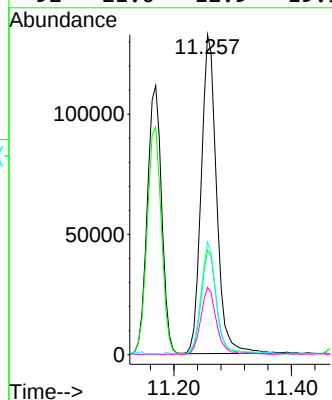
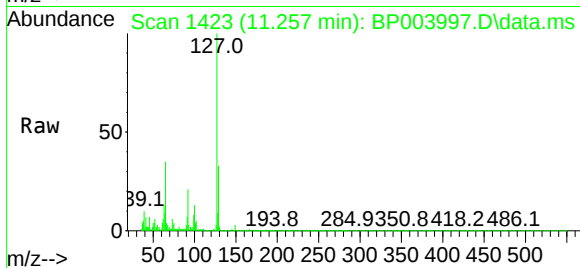




#33
4-Chloroaniline
Concen: 19.28 ng
RT: 11.257 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

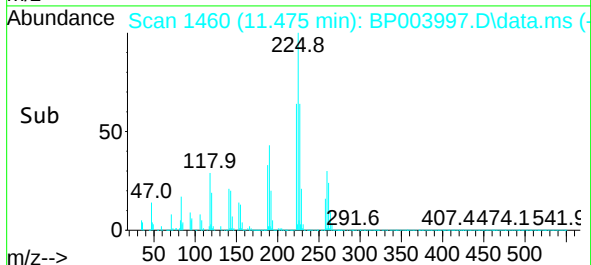
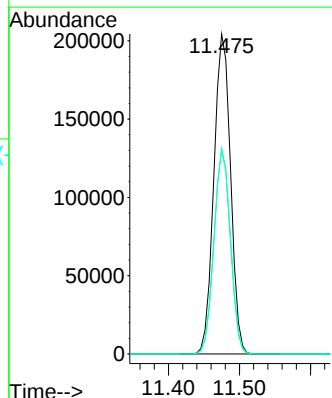
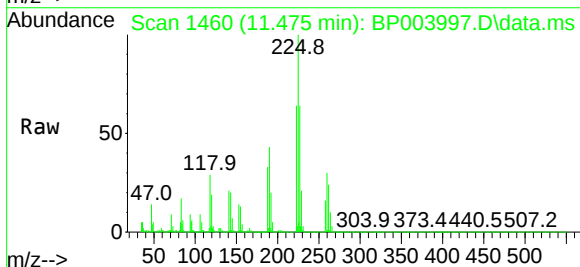
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

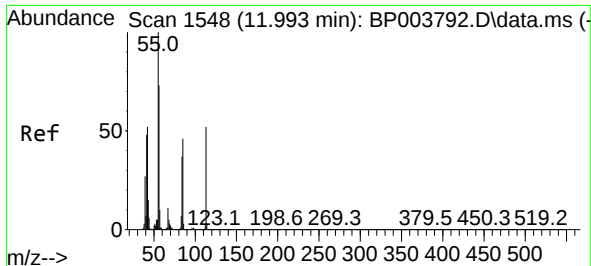
Tgt Ion:	127	Resp:	241488
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	35.3	17.3	25.9#
92	21.0	12.9	19.3#



#34
Hexachlorobutadiene
Concen: 47.83 ng
RT: 11.475 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:	225	Resp:	332377
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.1	75.1
227	64.0	51.4	77.2

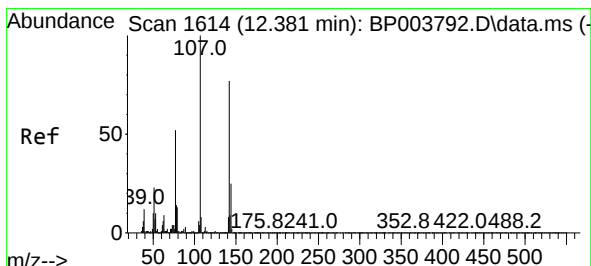
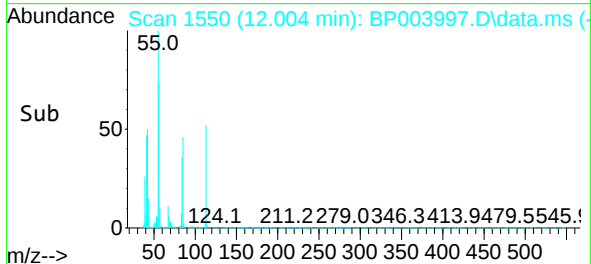
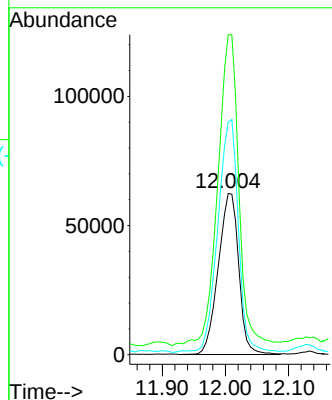
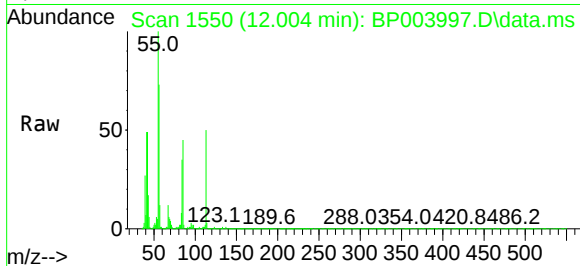




#35
Caprolactam
Concen: 51.77 ng
RT: 12.004 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

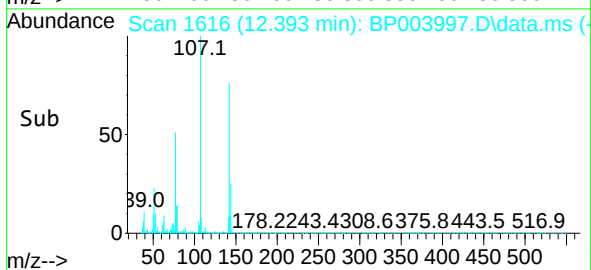
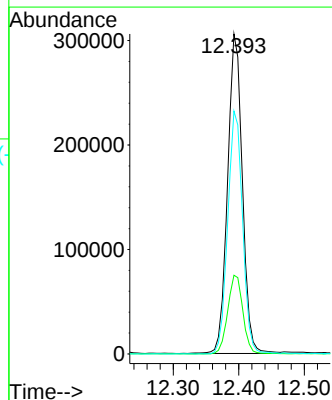
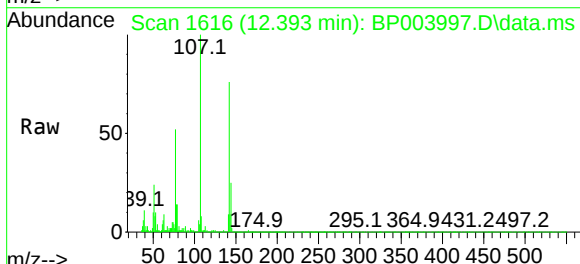
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

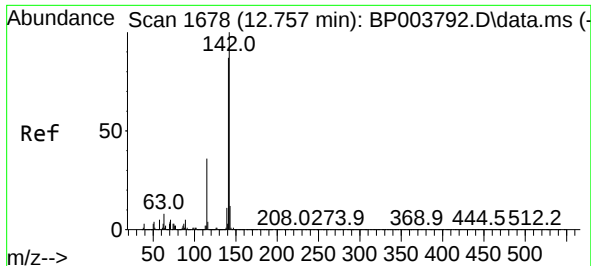
Tgt Ion	Ratio	Lower	Upper
113	100		
55	198.3	77.3	117.3#
56	144.0	55.9	95.9#



#36
4-Chloro-3-methylphenol
Concen: 50.72 ng
RT: 12.393 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	22.7	34.1
142	75.9	70.7	106.1

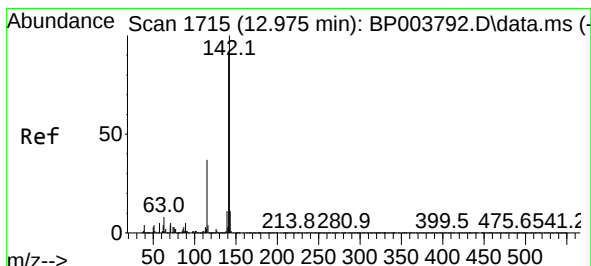
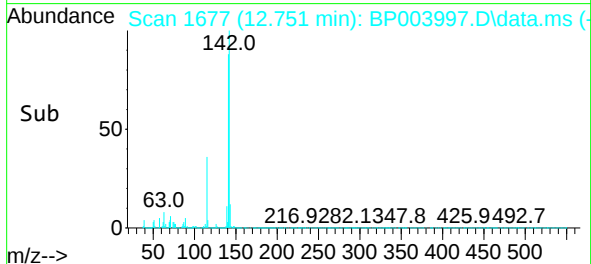
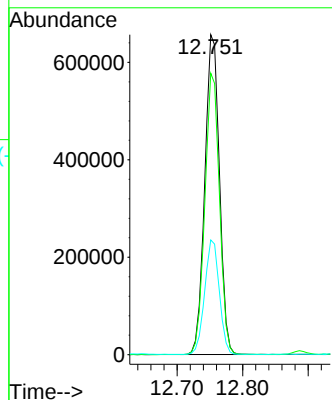
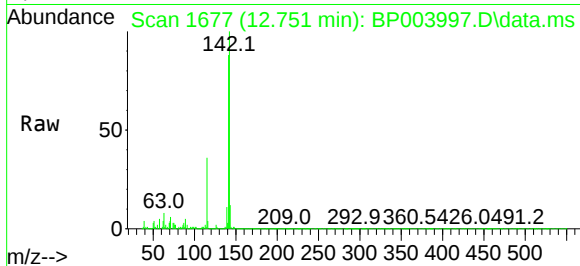




#37
2-Methylnaphthalene
Concen: 48.47 ng
RT: 12.751 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

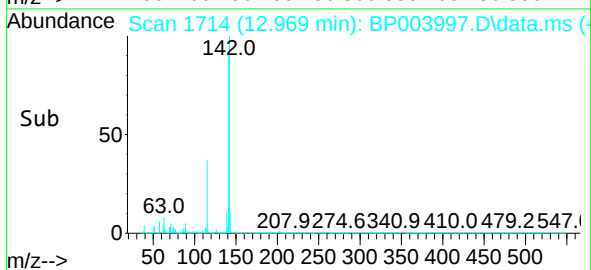
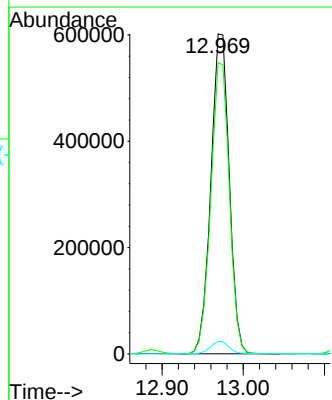
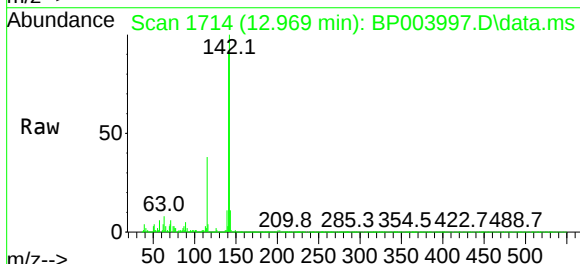
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

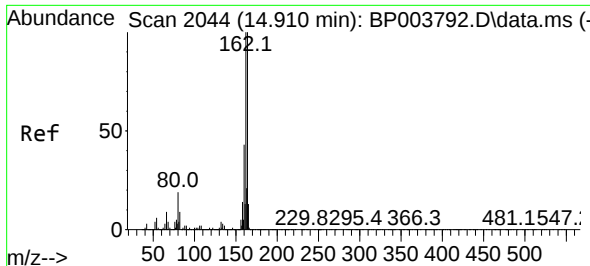
Tgt Ion:142 Resp: 1022182
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.2
115 35.9 25.8 38.6



#38
1-Methylnaphthalene
Concen: 46.93 ng
RT: 12.969 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:142 Resp: 944023
Ion Ratio Lower Upper
142 100
141 91.0 74.4 111.6
116 3.9 2.9 4.3

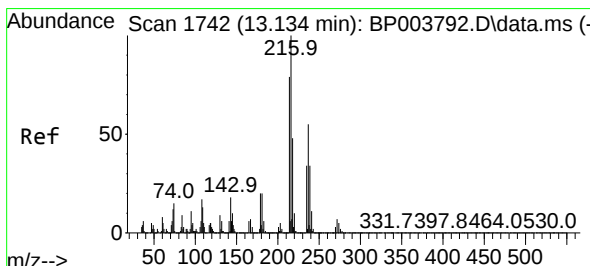
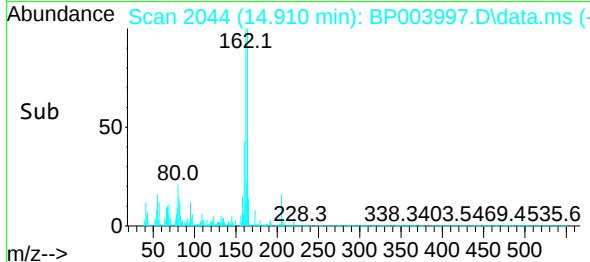
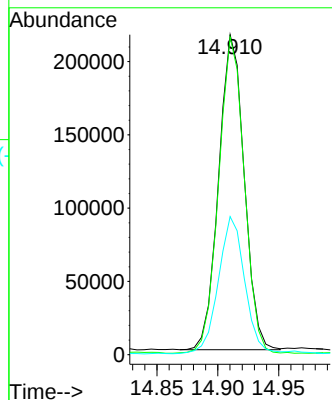
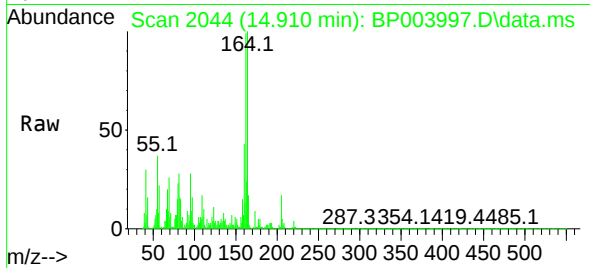




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.910 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

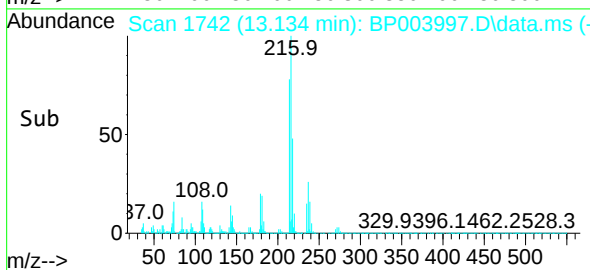
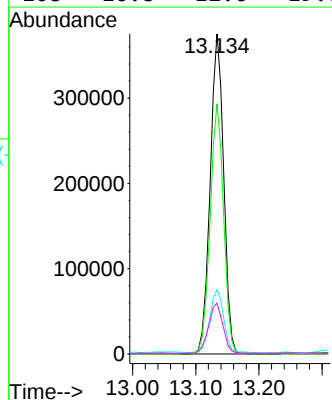
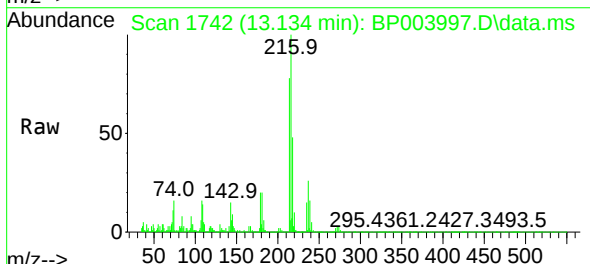
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

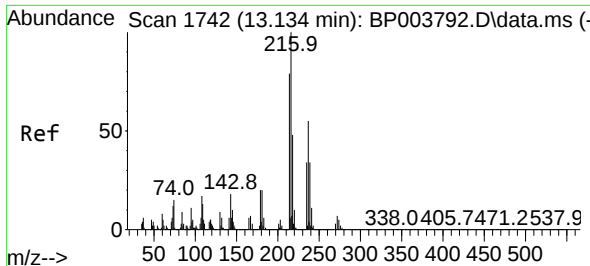
Tgt Ion:164 Resp: 313299
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.2
160 43.1 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.69 ng
RT: 13.134 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:216 Resp: 556662
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.6
179 21.0 16.9 25.3
108 16.8 12.6 19.0

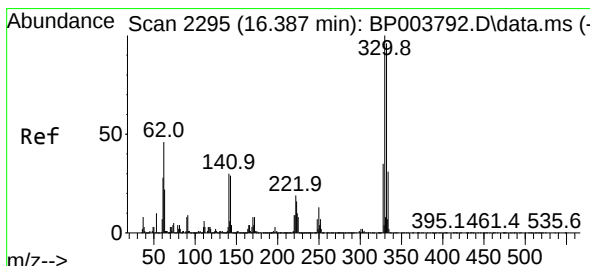
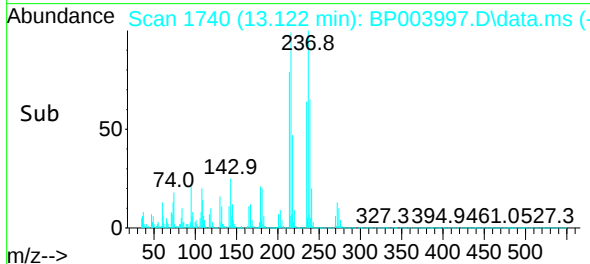
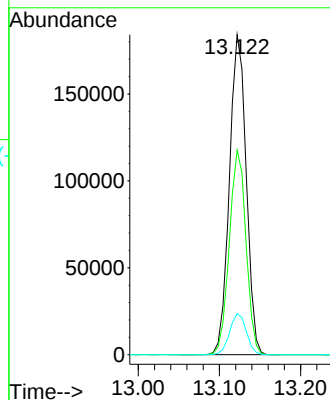
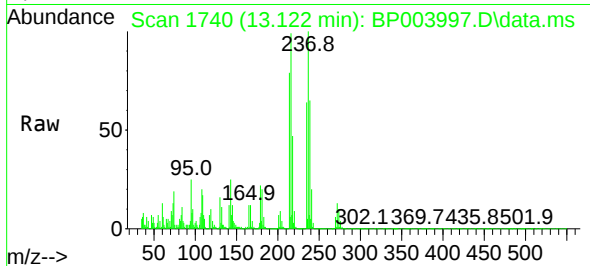




#41
Hexachlorocyclopentadiene
Concen: 50.62 ng
RT: 13.122 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

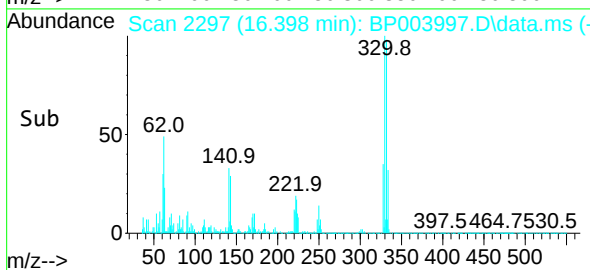
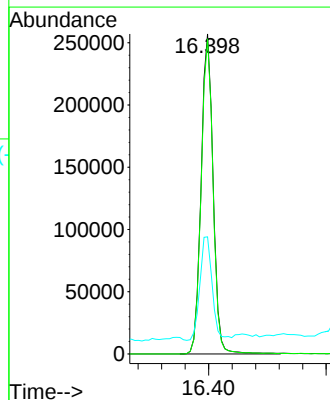
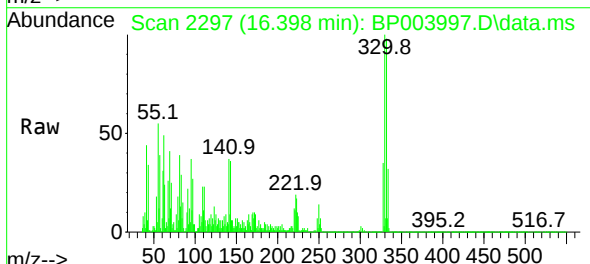
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

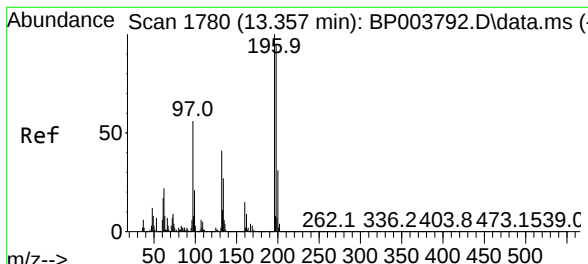
Tgt Ion:	237	Resp:	264823
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.2	83.2
272	12.9	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 92.83 ng
RT: 16.398 min Scan# 2297
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:	330	Resp:	363763
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.1	115.7
141	32.9	23.4	35.2

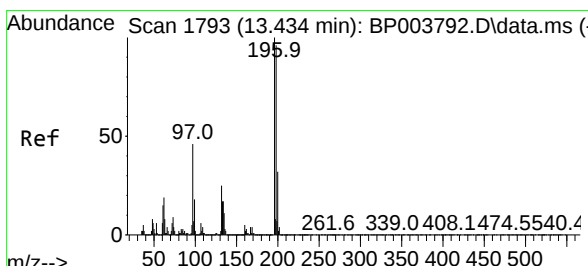
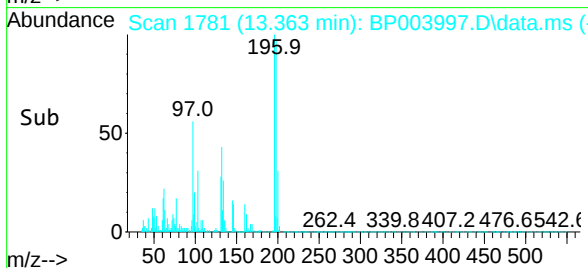
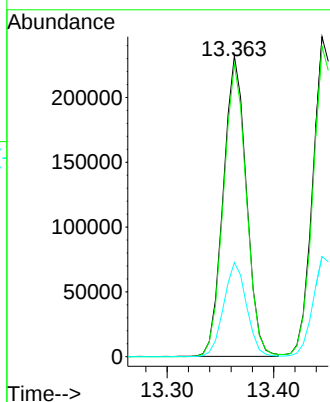
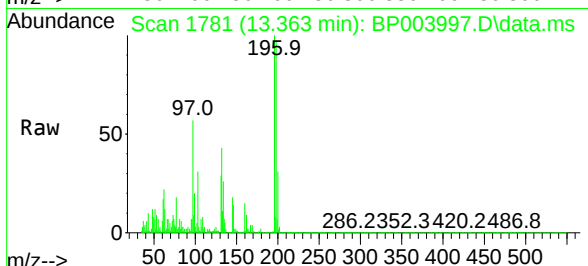




#43
2,4,6-Trichlorophenol
Concen: 54.31 ng
RT: 13.363 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

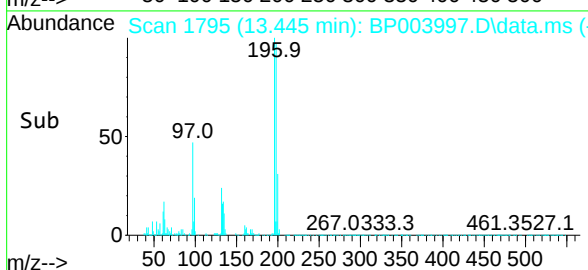
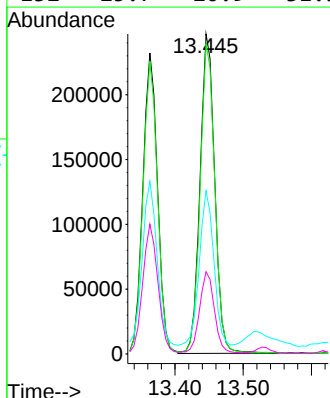
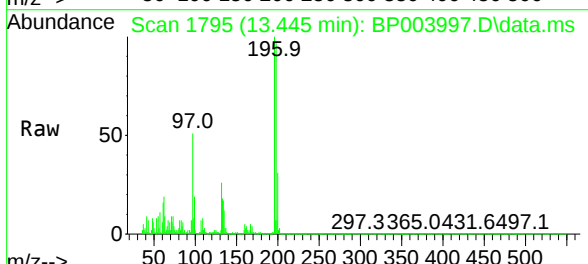
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

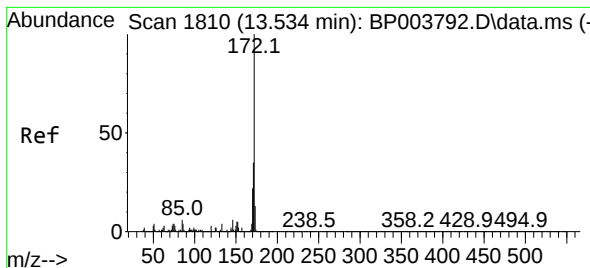
Tgt Ion:	196	Resp:	348099
Ion Ratio	Lower	Upper	
196	100		
198	97.2	77.0	115.6
200	31.3	25.1	37.7



#44
2,4,5-Trichlorophenol
Concen: 54.93 ng
RT: 13.445 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:	196	Resp:	370716
Ion Ratio	Lower	Upper	
196	100		
198	97.0	77.3	115.9
97	51.0	31.0	46.4#
132	25.7	20.9	31.3

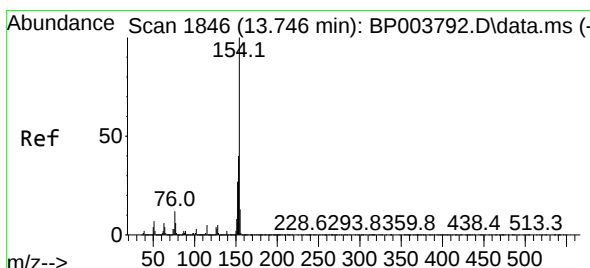
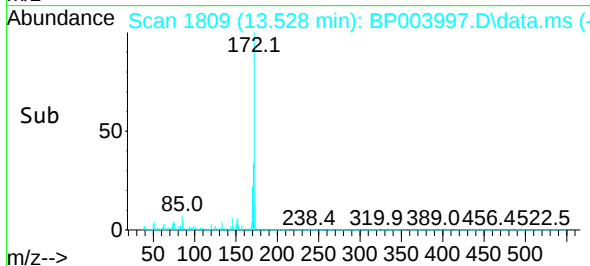
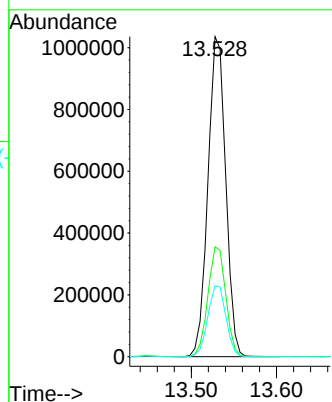
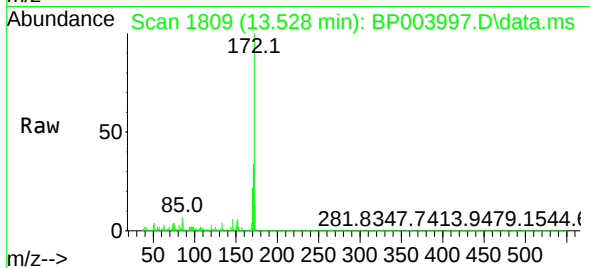




#45
2-Fluorobiphenyl
Concen: 66.83 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

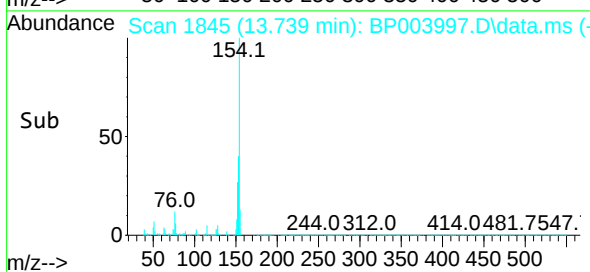
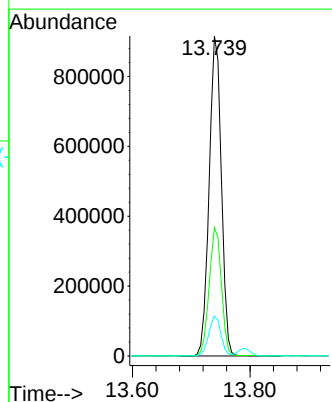
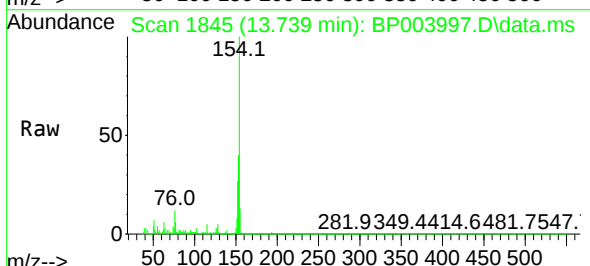
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

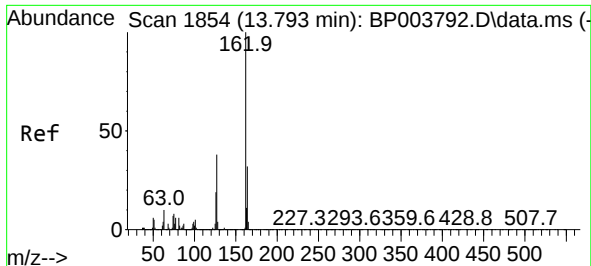
Tgt Ion:172 Resp: 1497567
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 22.1 19.2 28.8



#46
1,1'-Biphenyl
Concen: 54.22 ng
RT: 13.739 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:154 Resp: 1318607
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 12.5 0.0 29.3

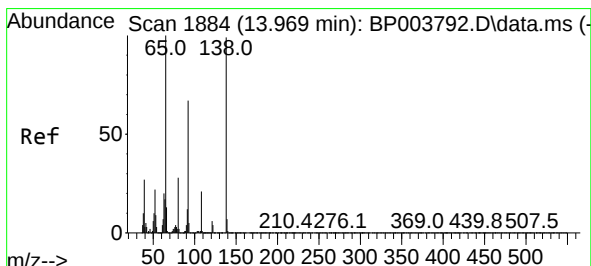
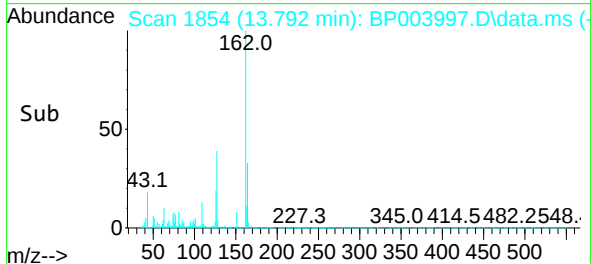
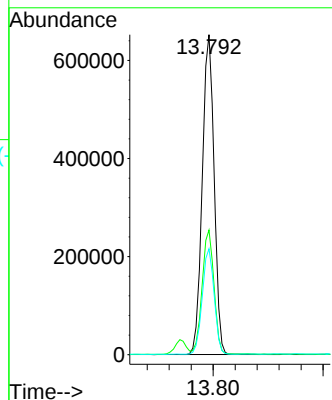
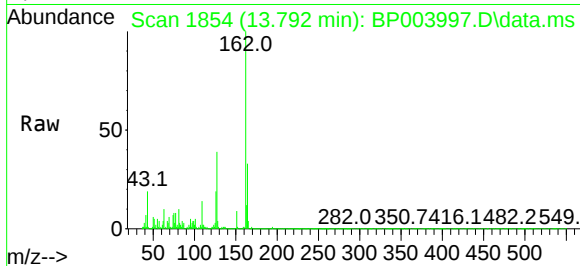




#47
2-Chloronaphthalene
Concen: 48.98 ng
RT: 13.792 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

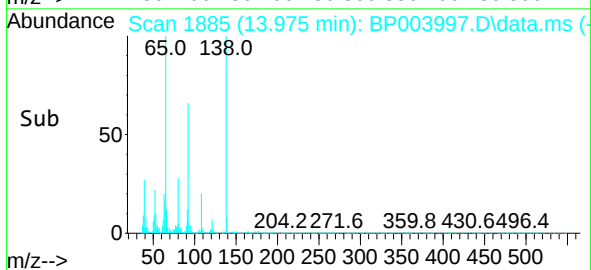
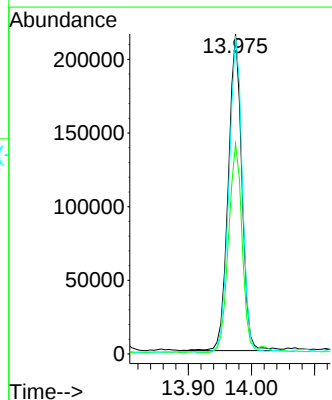
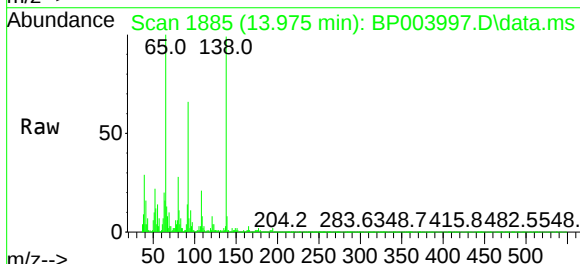
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

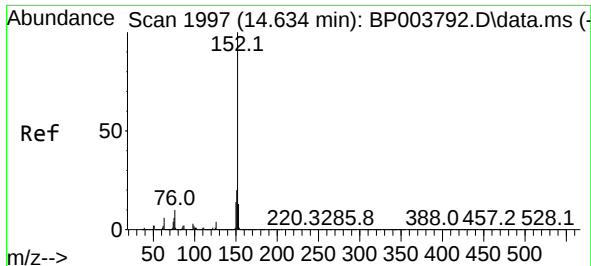
Tgt Ion:162 Resp: 977429
Ion Ratio Lower Upper
162 100
127 39.0 29.9 44.9
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 54.03 ng
RT: 13.975 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion: 65 Resp: 321694
Ion Ratio Lower Upper
65 100
92 65.7 70.6 106.0#
138 99.4 133.6 200.4#

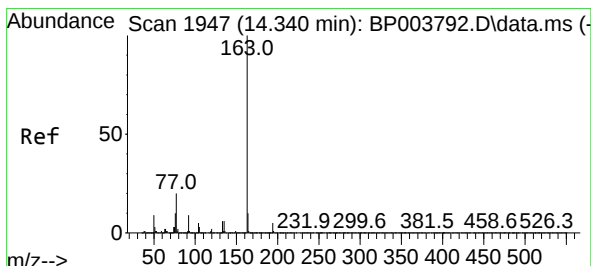
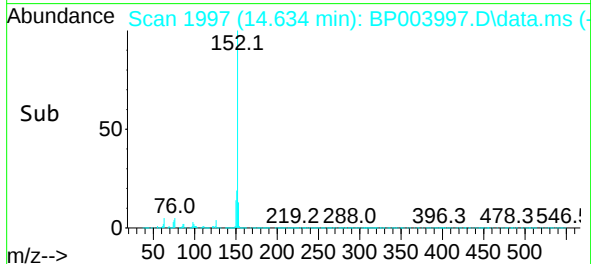
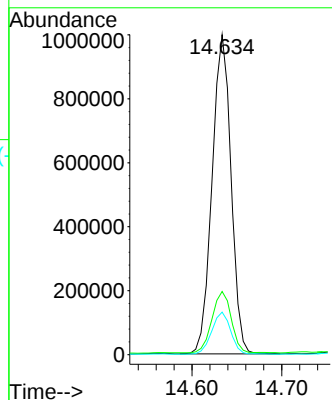
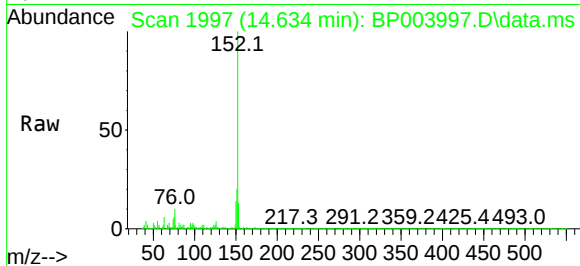




#49
Acenaphthylene
Concen: 49.92 ng
RT: 14.634 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

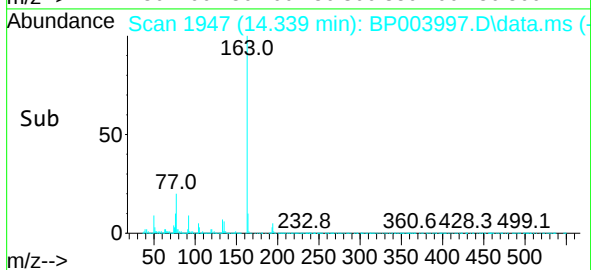
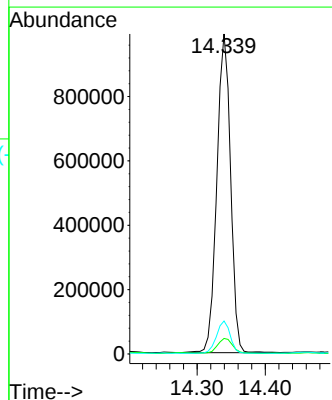
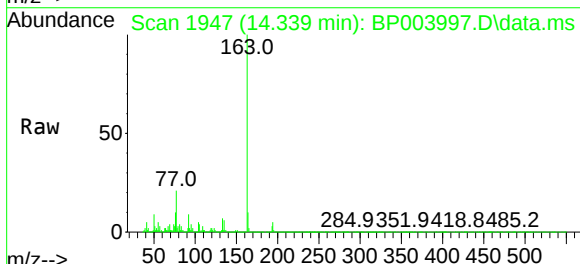
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

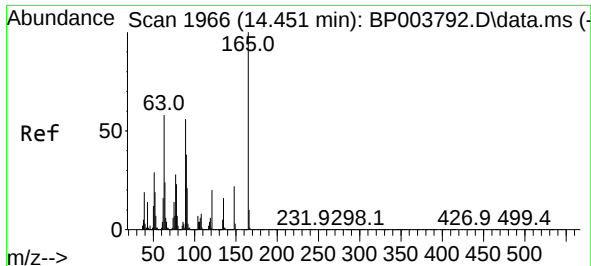
Tgt Ion:152 Resp: 1462847
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 56.64 ng
RT: 14.339 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:163 Resp: 1387032
Ion Ratio Lower Upper
163 100
194 4.9 3.3 4.9
164 10.3 8.2 12.2

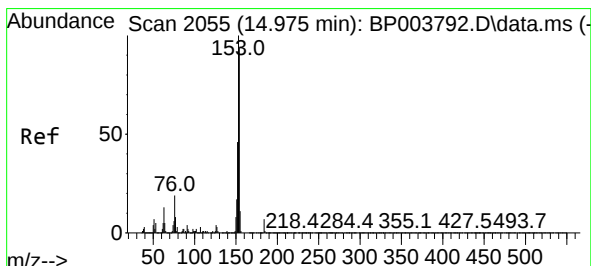
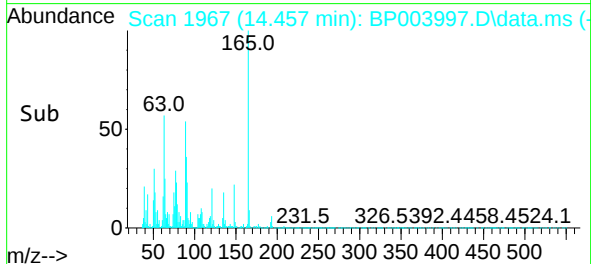
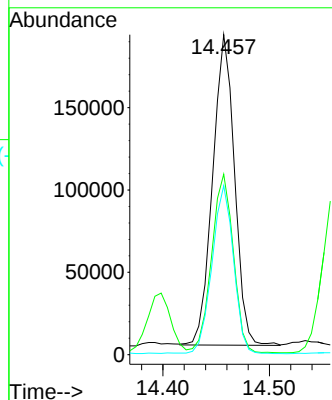
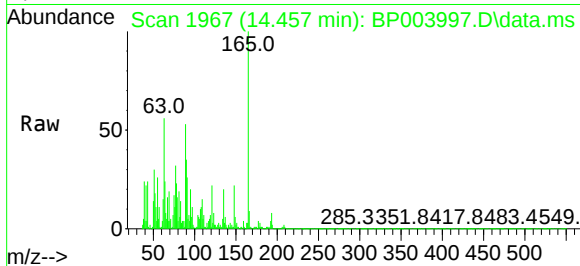




#51
2,6-Dinitrotoluene
Concen: 53.52 ng
RT: 14.457 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

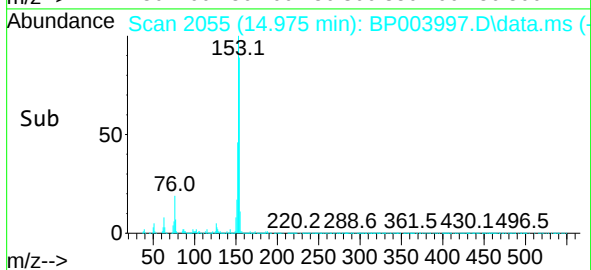
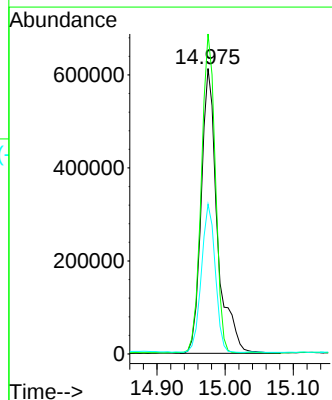
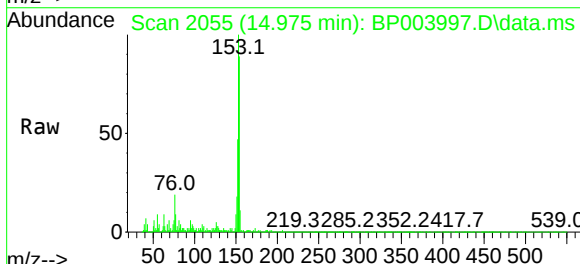
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

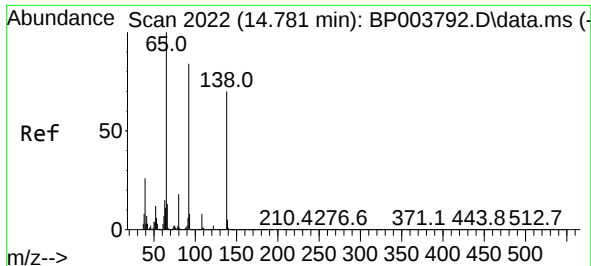
Tgt Ion:165 Resp: 268945
Ion Ratio Lower Upper
165 100
63 56.4 27.8 41.6#
89 52.8 34.6 52.0#



#52
Acenaphthene
Concen: 51.81 ng
RT: 14.975 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:154 Resp: 1011299
Ion Ratio Lower Upper
154 100
153 112.1 91.0 136.6
152 52.5 43.0 64.6

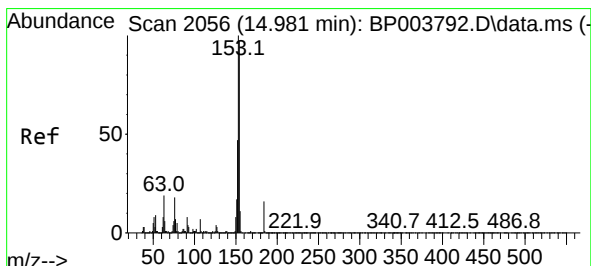
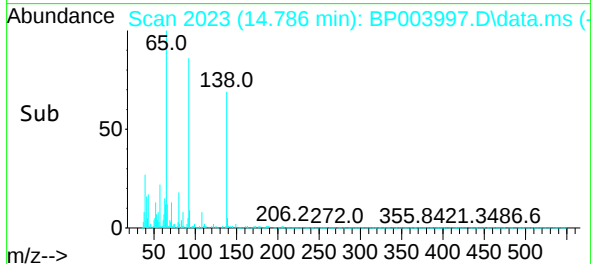
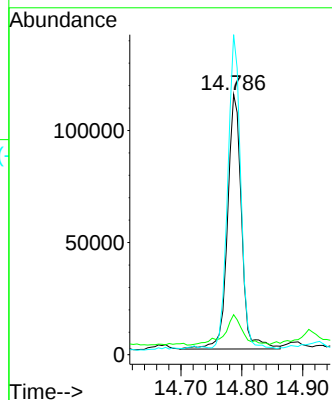
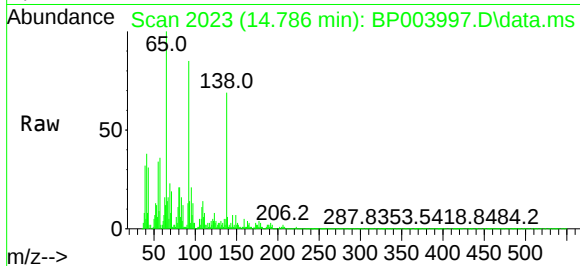




#53
3-Nitroaniline
Concen: 32.87 ng
RT: 14.786 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

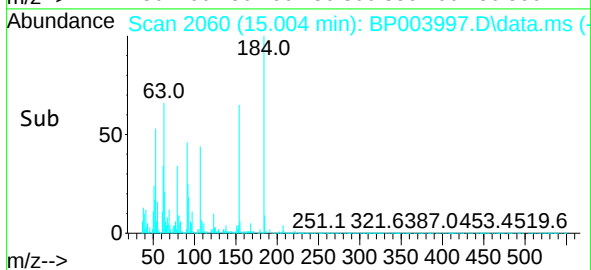
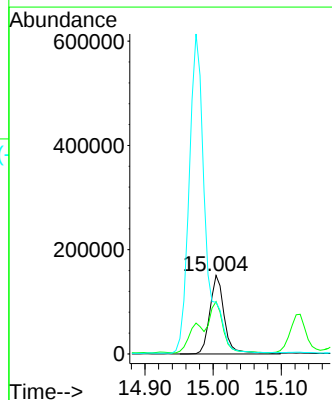
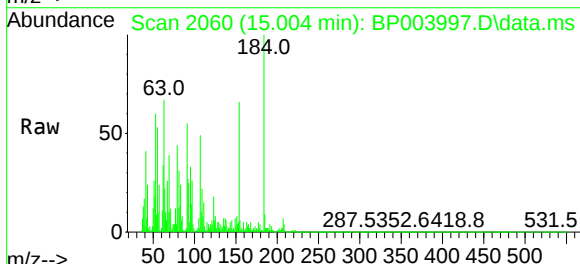
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

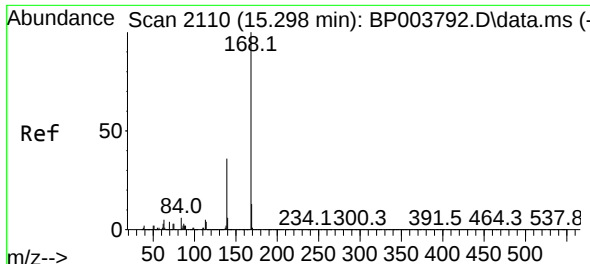
Tgt Ion:138 Resp: 182798
Ion Ratio Lower Upper
138 100
108 15.4 7.5 11.3#
92 122.9 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 79.68 ng
RT: 15.004 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:184 Resp: 224177
Ion Ratio Lower Upper
184 100
63 66.7 32.3 48.5#
154 65.9 49.1 73.7

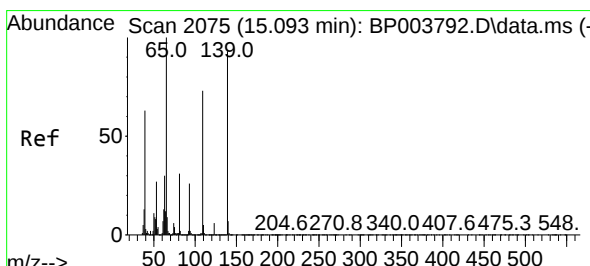
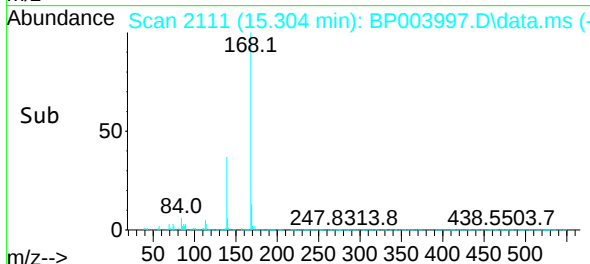
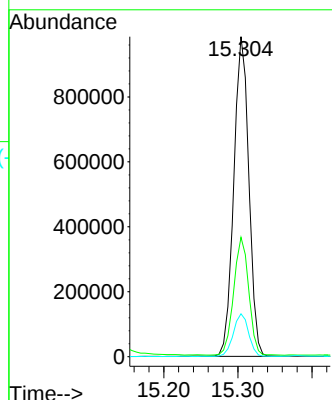
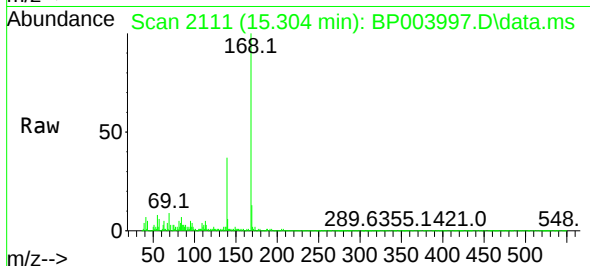




#55
Dibenzenofuran
Concen: 47.95 ng
RT: 15.304 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

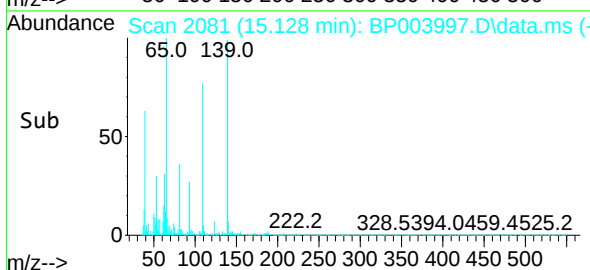
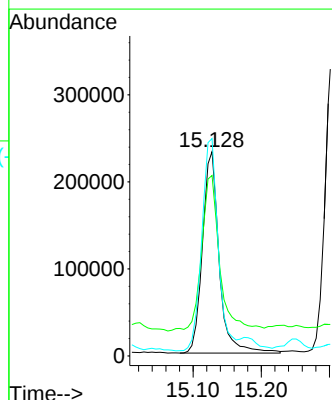
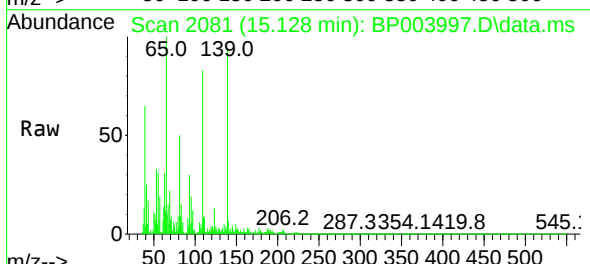
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

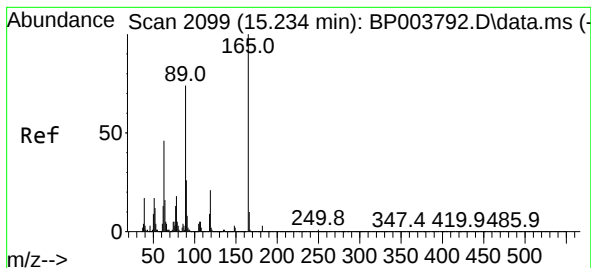
Tgt Ion:168 Resp: 1390499
Ion Ratio Lower Upper
168 100
139 37.3 29.1 43.7
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 98.55 ng
RT: 15.128 min Scan# 2081
Delta R.T. 0.018 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:139 Resp: 395064
Ion Ratio Lower Upper
139 100
109 88.3 44.6 84.6#
65 106.5 41.6 81.6#

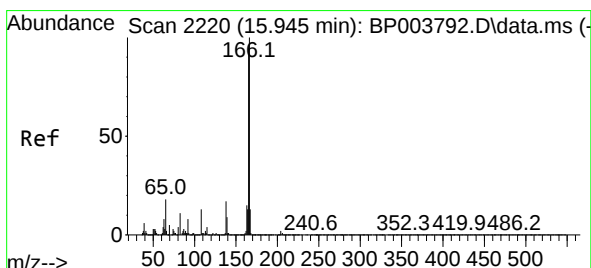
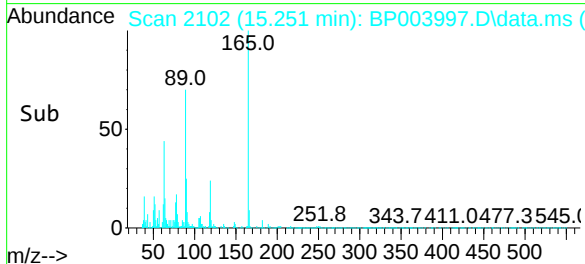
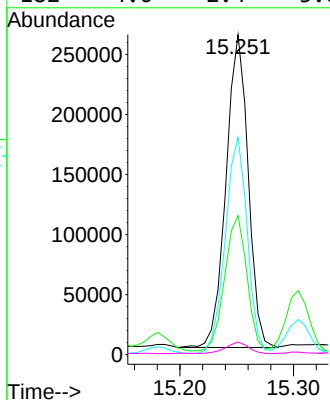
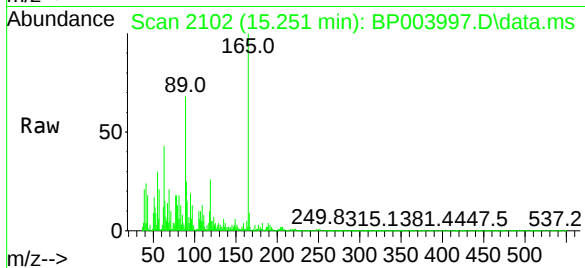




#57
2,4-Dinitrotoluene
Concen: 52.28 ng
RT: 15.251 min Scan# 2102
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

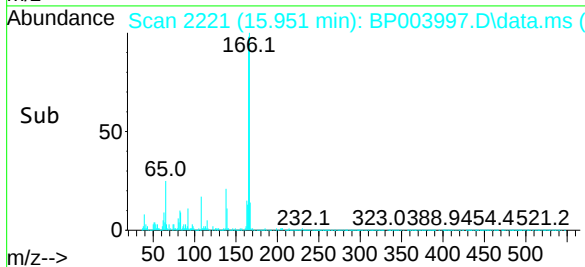
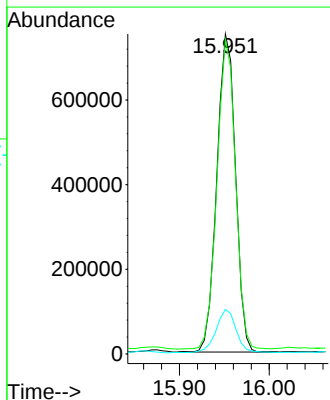
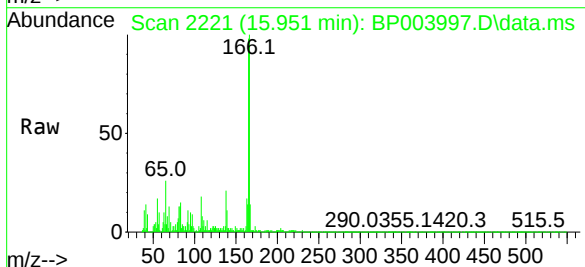
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

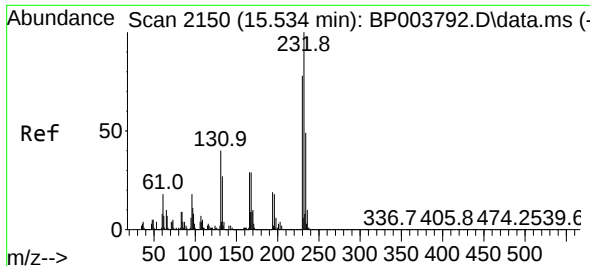
Tgt Ion:165 Resp: 352718
Ion Ratio Lower Upper
165 100
63 43.4 20.6 31.0#
89 67.9 42.6 63.8#
182 4.0 2.4 3.6#



#58
Fluorene
Concen: 46.82 ng
RT: 15.951 min Scan# 2221
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:166 Resp: 1087245
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.8
167 13.9 11.0 16.4

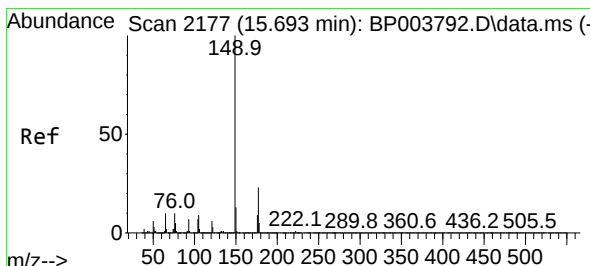
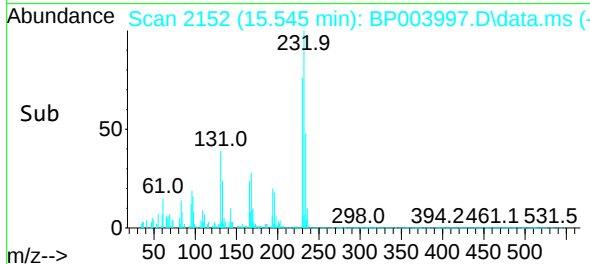
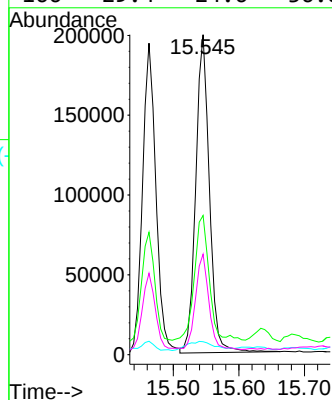
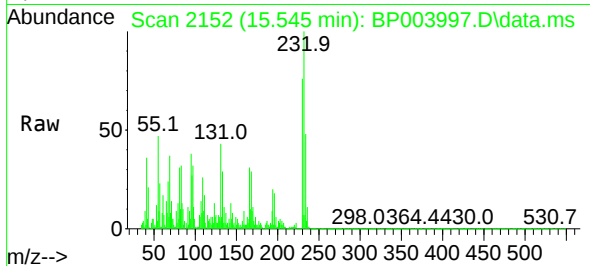




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.52 ng
RT: 15.545 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

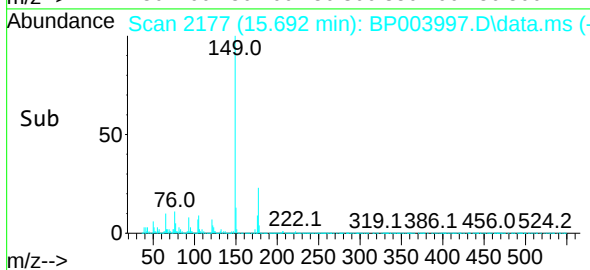
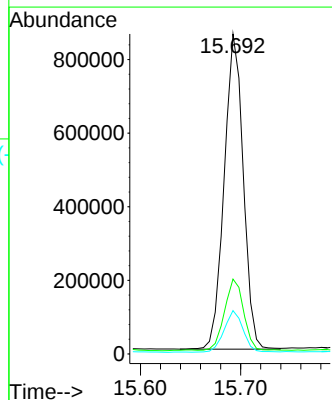
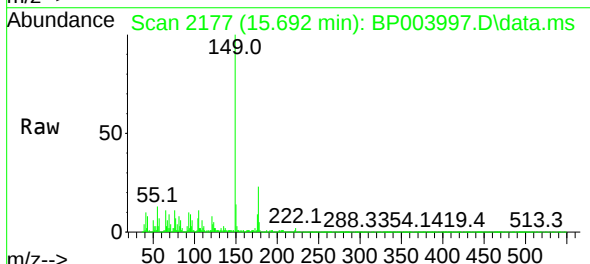
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

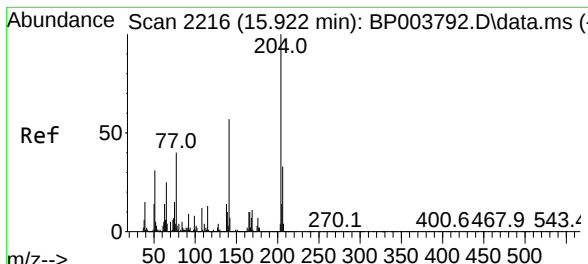
Tgt Ion:232 Resp: 289099
Ion Ratio Lower Upper
232 100
131 41.3 34.1 51.1
130 5.9 1.8 2.8#
166 29.4 24.6 36.8



#60
Diethylphthalate
Concen: 47.16 ng
RT: 15.692 min Scan# 2177
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:149 Resp: 1130902
Ion Ratio Lower Upper
149 100
177 23.4 18.0 27.0
150 13.6 10.0 15.0

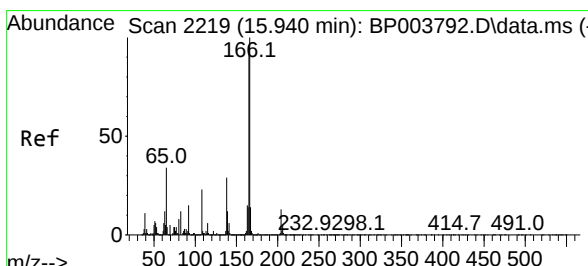
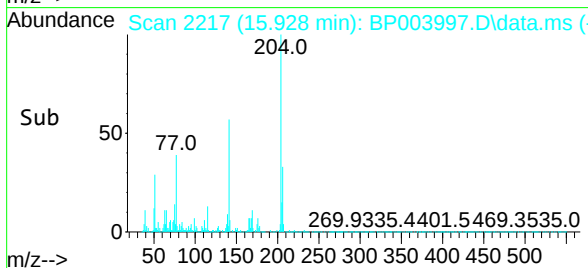
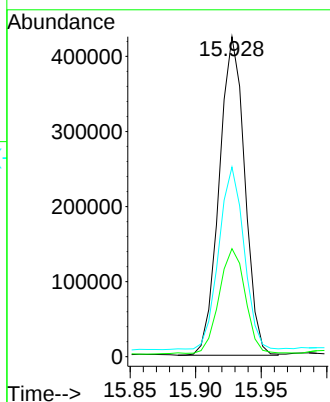
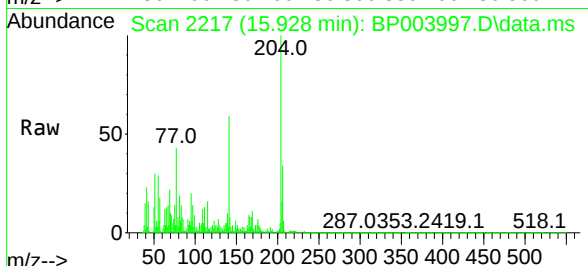




#61
4-Chlorophenyl-phenylether
Concen: 45.27 ng
RT: 15.928 min Scan# 2217
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

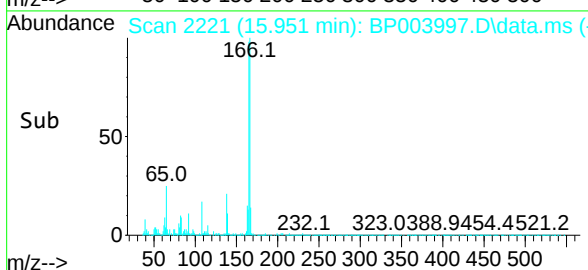
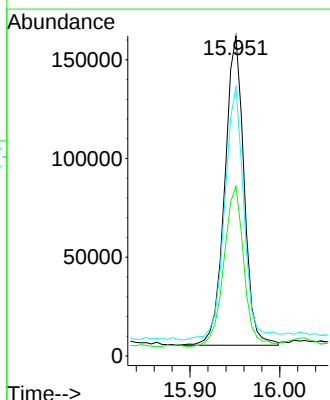
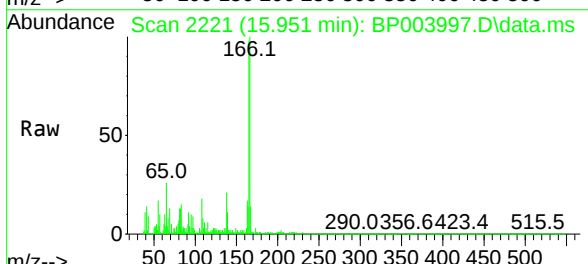
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

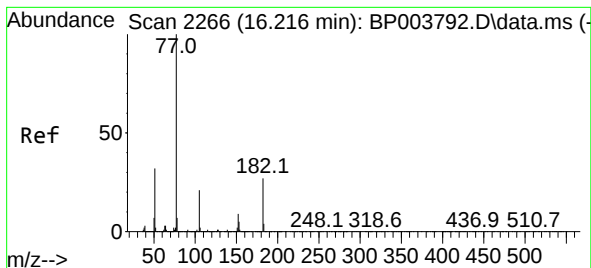
Tgt Ion:	204	Resp:	574551
Ion Ratio	Lower	Upper	
204	100		
206	33.8	25.9	38.9
141	59.3	46.5	69.7



#62
4-Nitroaniline
Concen: 40.35 ng
RT: 15.951 min Scan# 2221
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

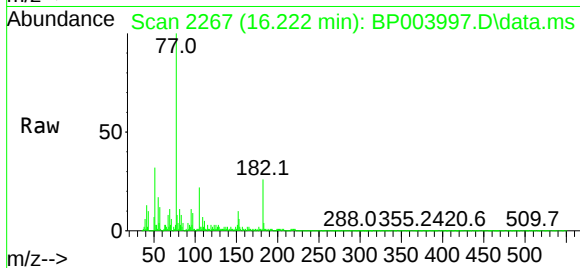
Tgt Ion:	138	Resp:	233988
Ion Ratio	Lower	Upper	
138	100		
92	53.0	20.7	60.7
108	84.0	47.8	87.8



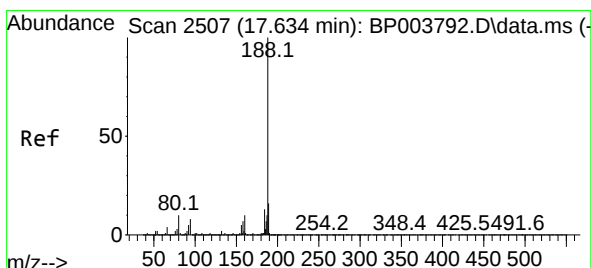
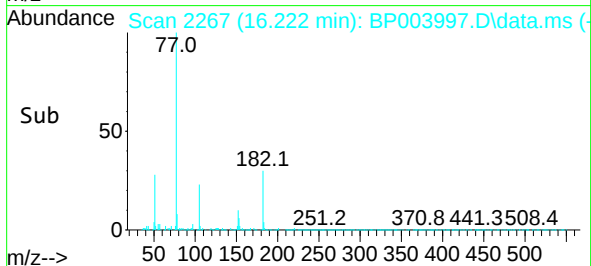
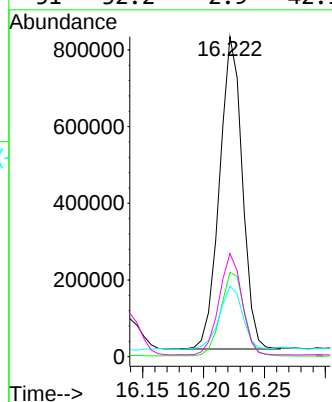


#63
Azobenzene
Concen: 46.81 ng
RT: 16.222 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

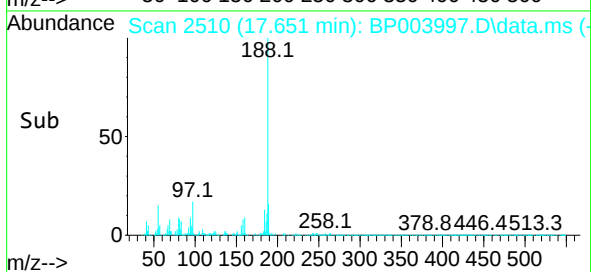
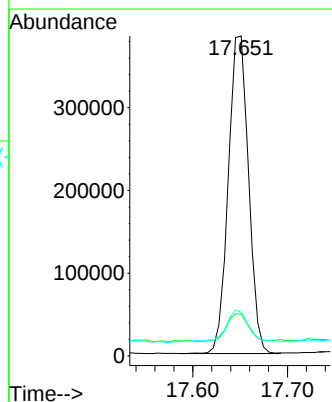
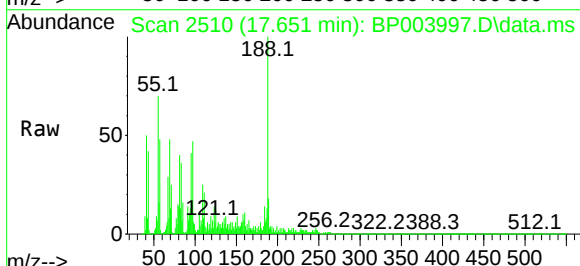


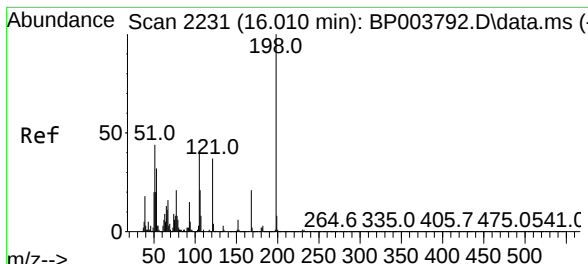
Tgt Ion: 77 Resp: 1059709
Ion Ratio Lower Upper
77 100
182 26.4 16.9 56.9
105 22.1 5.6 45.6
51 32.2 2.9 42.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.651 min Scan# 2510
Delta R.T. 0.012 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:188 Resp: 571918
Ion Ratio Lower Upper
188 100
94 13.2 6.2 9.2#
80 13.7 6.2 9.2#

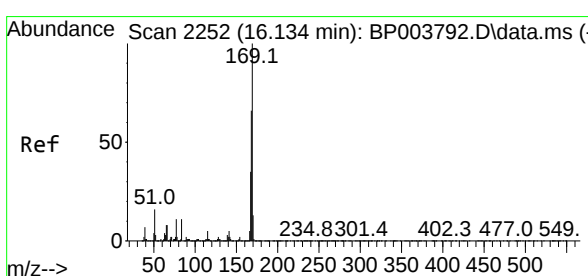
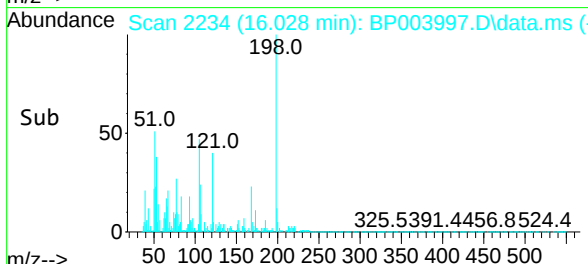
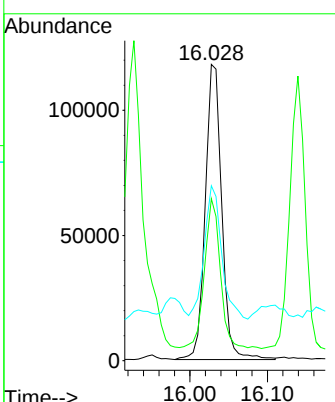
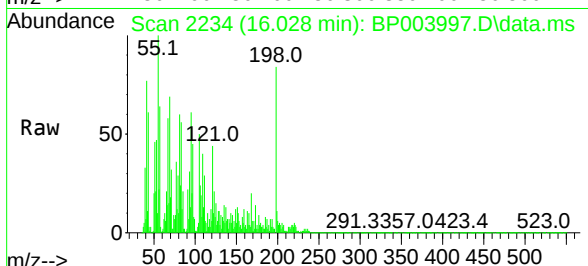




#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.42 ng
 RT: 16.028 min Scan# 2234
 Delta R.T. 0.006 min
 Lab File: BP003997.D
 Acq: 18 Nov 2020 17:08

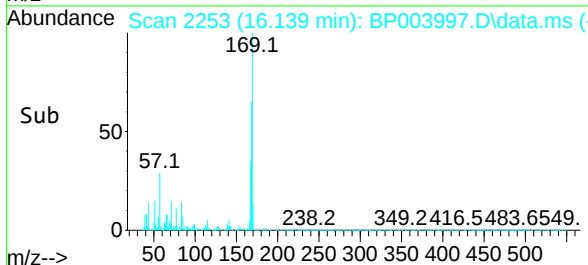
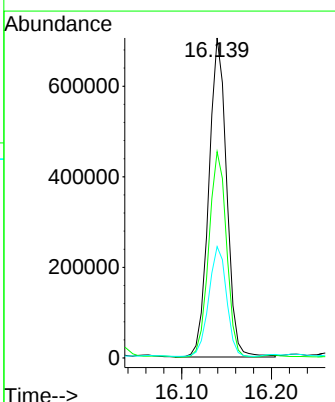
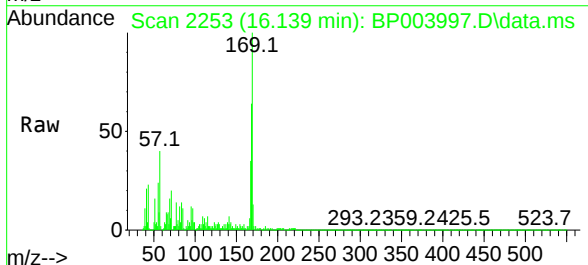
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223MSD

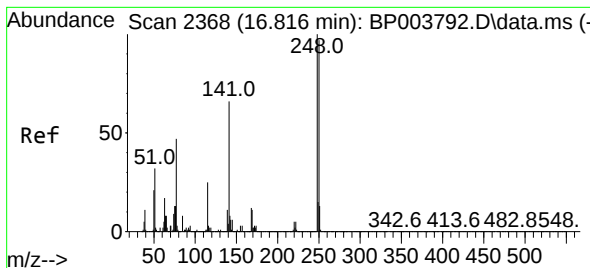
Tgt Ion:	198	Resp:	174138
Ion Ratio	Lower	Upper	
198	100		
51	54.7	6.4	46.4#
105	59.0	18.9	58.9#



#66
 n-Nitrosodiphenylamine
 Concen: 55.65 ng
 RT: 16.139 min Scan# 2253
 Delta R.T. 0.006 min
 Lab File: BP003997.D
 Acq: 18 Nov 2020 17:08

Tgt Ion:	169	Resp:	974227
Ion Ratio	Lower	Upper	
169	100		
168	64.5	53.8	80.6
167	34.8	28.9	43.3

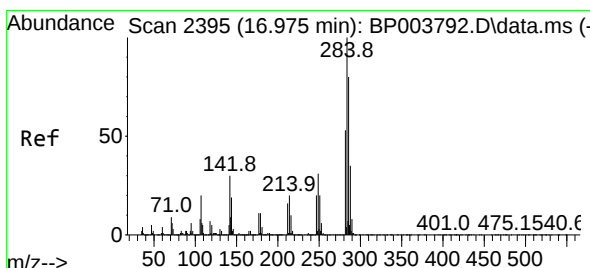
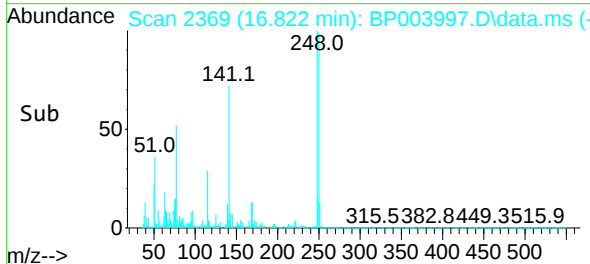
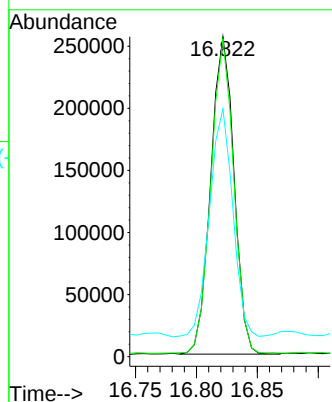
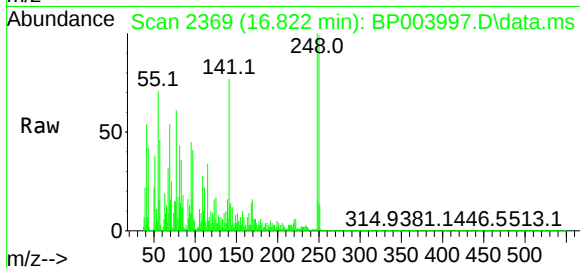




#67
4-Bromophenyl-phenylether
Concen: 50.71 ng
RT: 16.822 min Scan# 2369
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

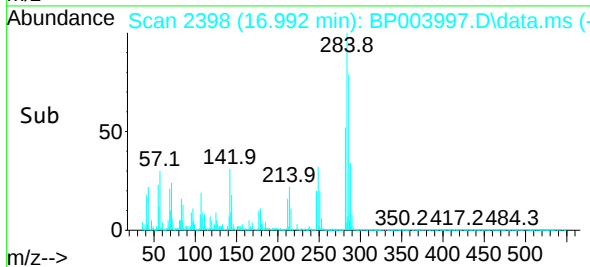
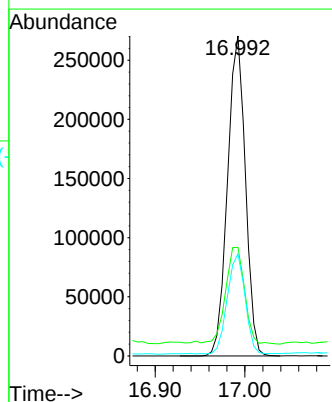
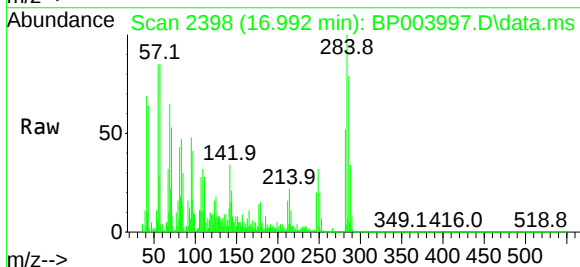
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

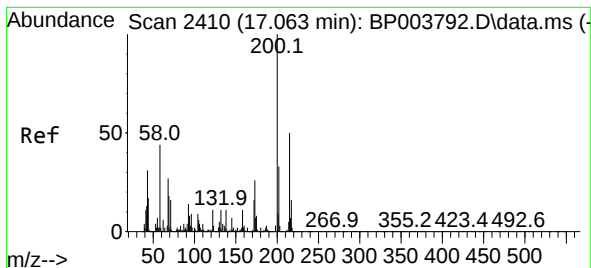
Tgt Ion:248 Resp: 339316
Ion Ratio Lower Upper
248 100
250 99.3 76.7 115.1
141 77.4 53.0 79.6



#68
Hexachlorobenzene
Concen: 48.99 ng
RT: 16.992 min Scan# 2398
Delta R.T. 0.012 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:284 Resp: 374090
Ion Ratio Lower Upper
284 100
142 34.0 24.2 36.4
249 31.9 23.8 35.8





#69

Atrazine

Concen: 51.46 ng

RT: 17.075 min Scan# 2412

Delta R.T. 0.006 min

Lab File: BP003997.D

Acq: 18 Nov 2020 17:08

Instrument :

BNA_P

ClientSampleId :

VNJ-223MSD

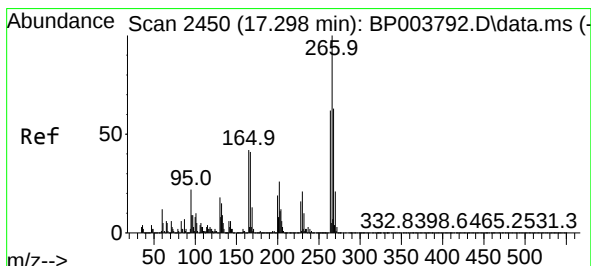
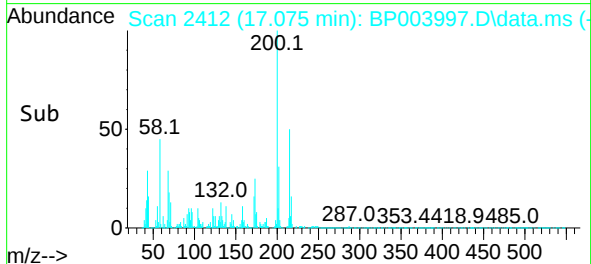
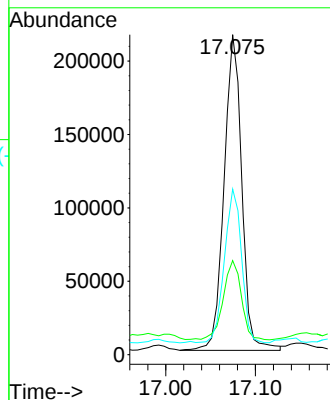
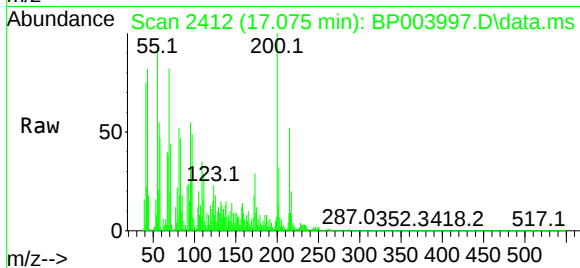
Tgt Ion:200 Resp: 295800

Ion Ratio Lower Upper

200 100

173 29.4 5.9 45.9

215 51.7 28.4 68.4



#70

Pentachlorophenol

Concen: 95.55 ng

RT: 17.322 min Scan# 2454

Delta R.T. 0.012 min

Lab File: BP003997.D

Acq: 18 Nov 2020 17:08

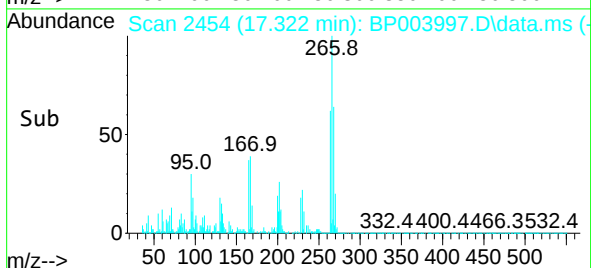
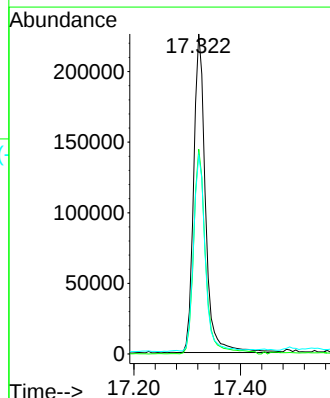
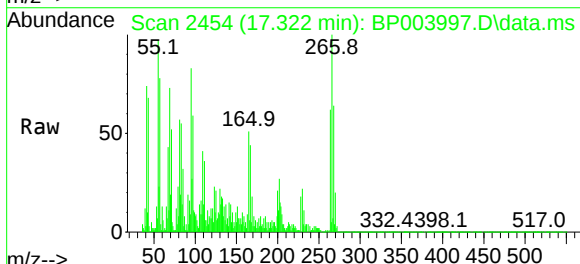
Tgt Ion:266 Resp: 348997

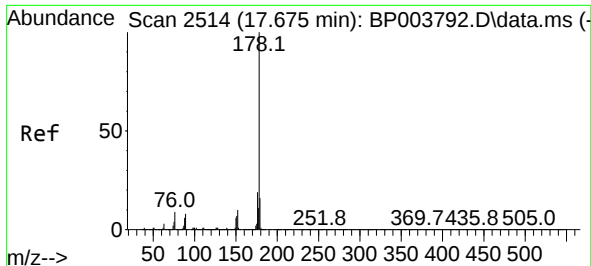
Ion Ratio Lower Upper

266 100

268 64.0 51.1 76.7

264 62.1 50.6 76.0

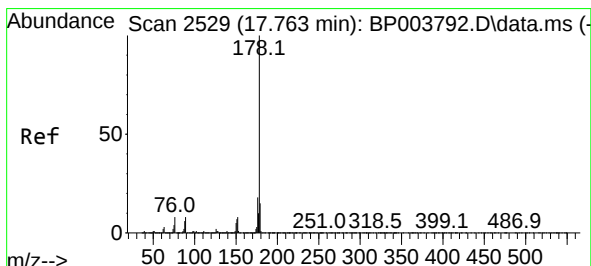
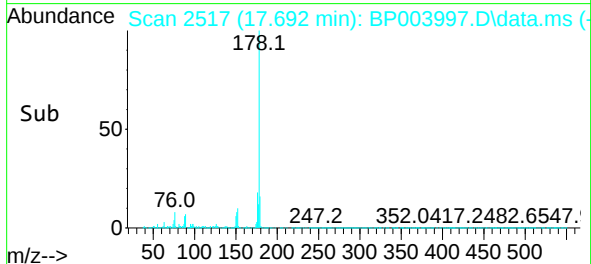
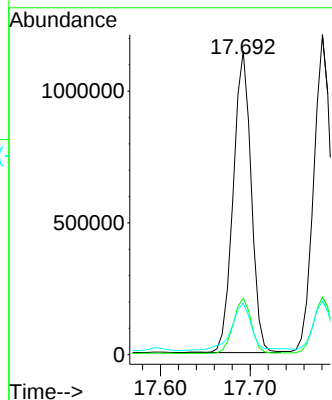
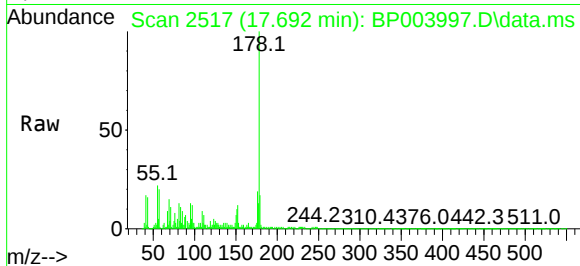




#71
Phenanthrene
Concen: 49.39 ng
RT: 17.692 min Scan# 2517
Delta R.T. 0.012 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

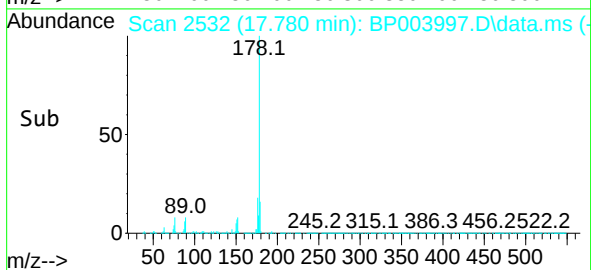
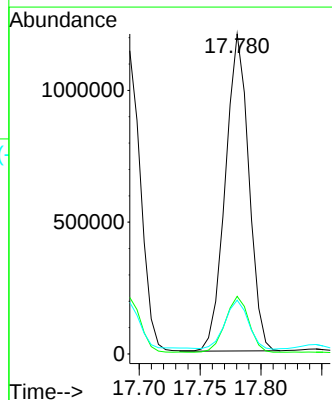
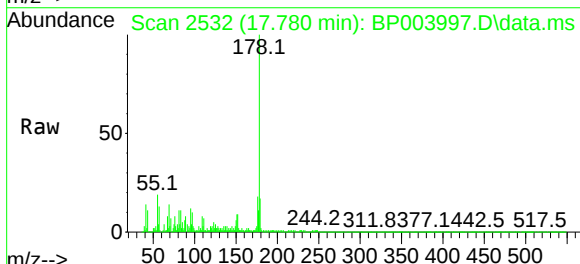
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

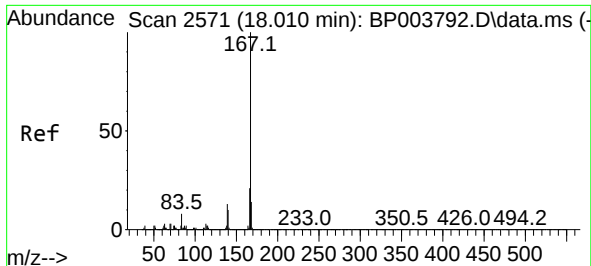
Tgt Ion:178 Resp: 1585441
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 17.0 12.5 18.7



#72
Anthracene
Concen: 52.07 ng
RT: 17.780 min Scan# 2532
Delta R.T. 0.012 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:178 Resp: 1614100
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 16.8 12.5 18.7

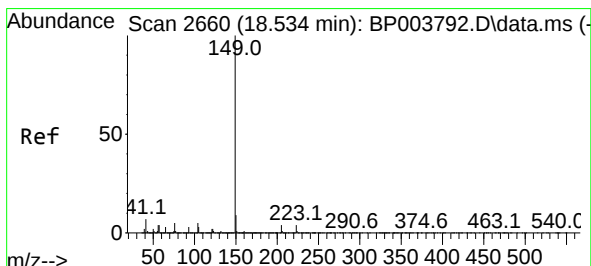
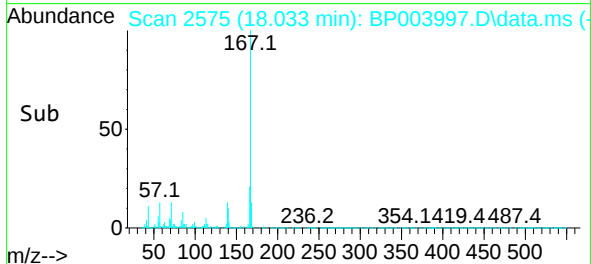
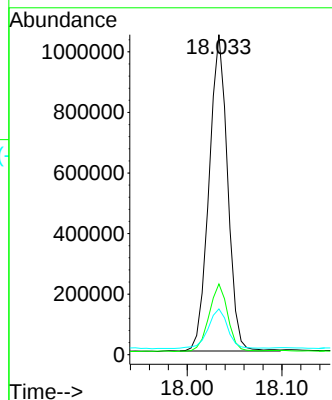
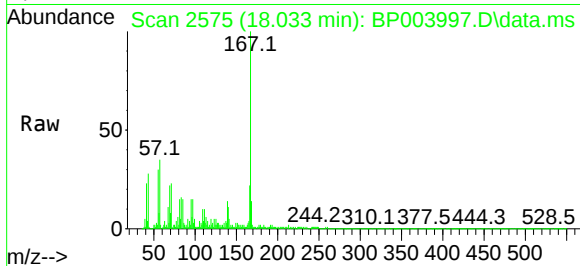




#73
Carbazole
Concen: 49.41 ng
RT: 18.033 min Scan# 2575
Delta R.T. 0.012 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

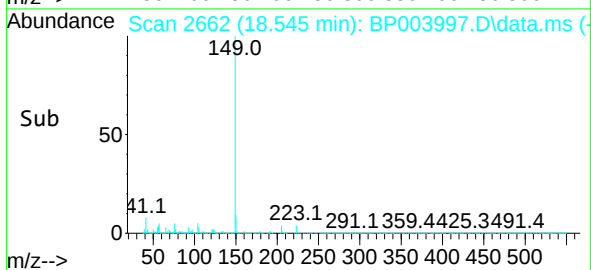
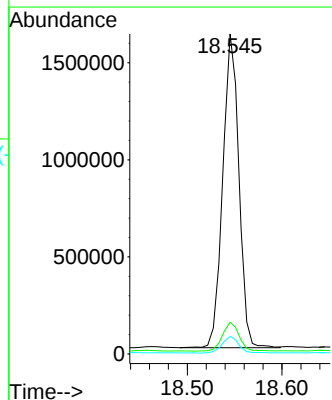
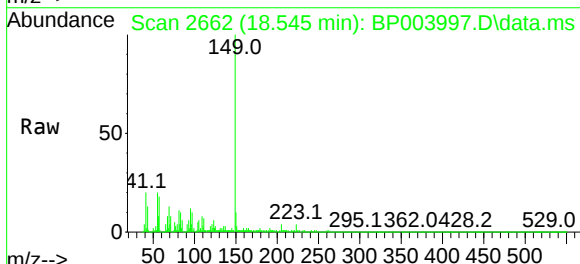
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

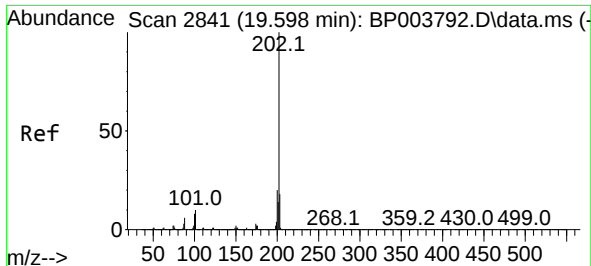
Tgt Ion:167 Resp: 1421028
Ion Ratio Lower Upper
167 100
166 22.1 17.6 26.4
139 14.3 10.2 15.4



#74
Di-n-butylphthalate
Concen: 57.48 ng
RT: 18.545 min Scan# 2662
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:149 Resp: 1913806
Ion Ratio Lower Upper
149 100
150 9.9 7.3 10.9
104 5.5 3.4 5.0#

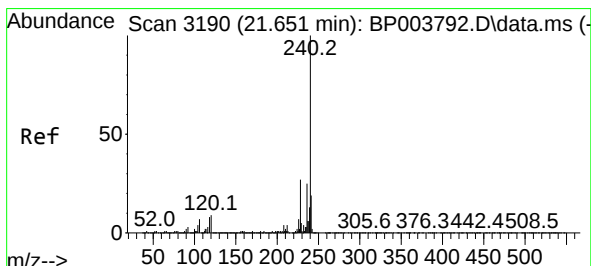
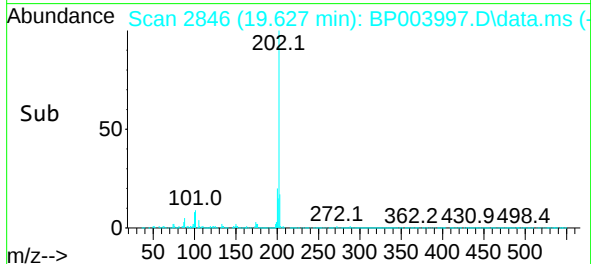
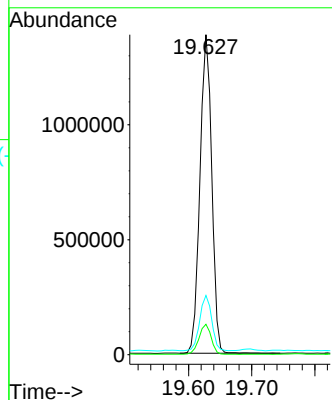
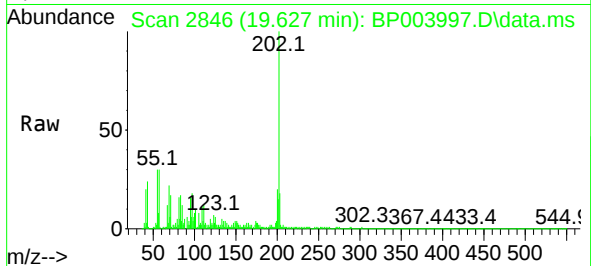




#75
Fluoranthene
Concen: 48.47 ng
RT: 19.627 min Scan# 2846
Delta R.T. 0.012 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

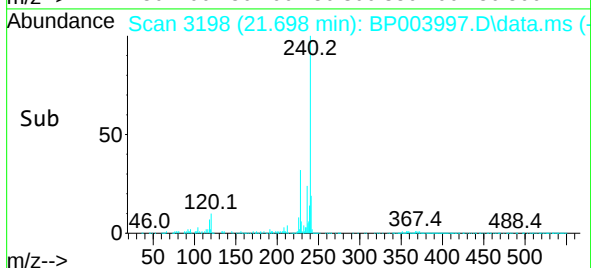
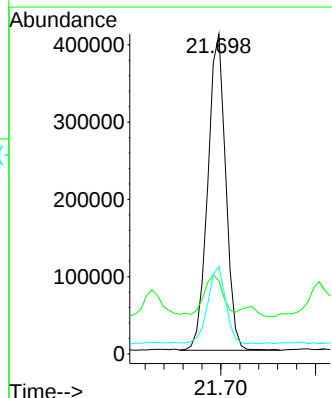
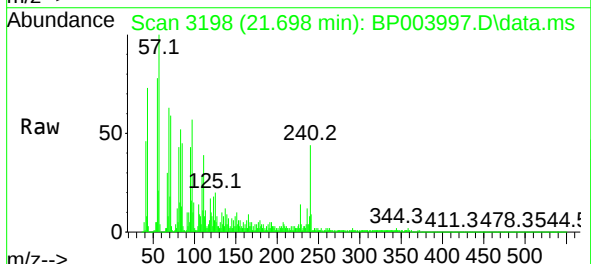
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

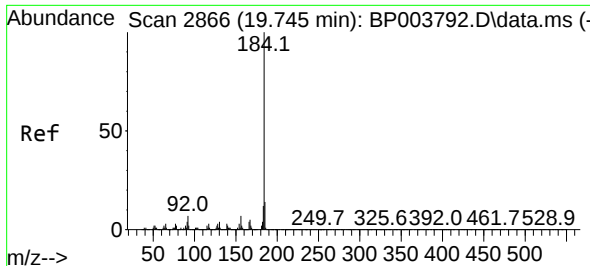
Tgt Ion:202 Resp: 1795092
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.4
203 18.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.698 min Scan# 3198
Delta R.T. 0.024 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:240 Resp: 535805
Ion Ratio Lower Upper
240 100
120 22.9 7.8 11.6#
236 27.3 20.8 31.2

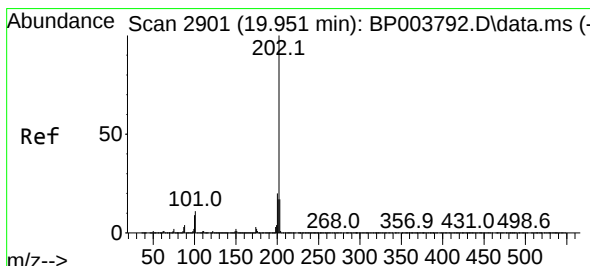
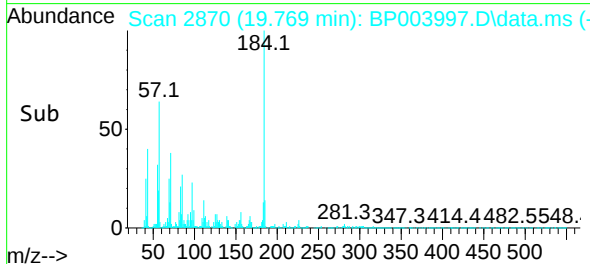
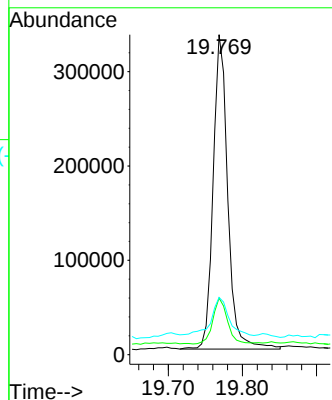
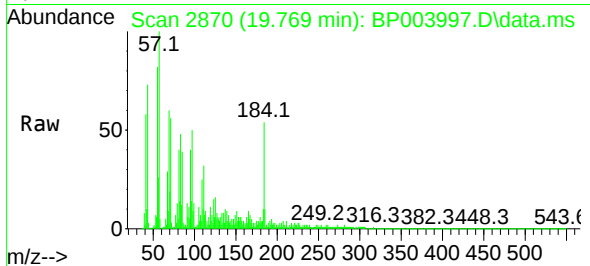




#77
Benzidine
Concen: 36.12 ng
RT: 19.769 min Scan# 2870
Delta R.T. 0.006 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

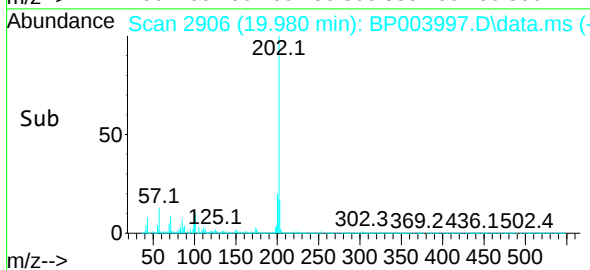
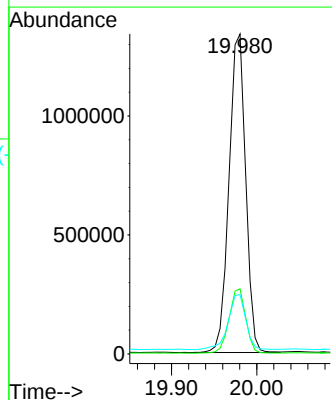
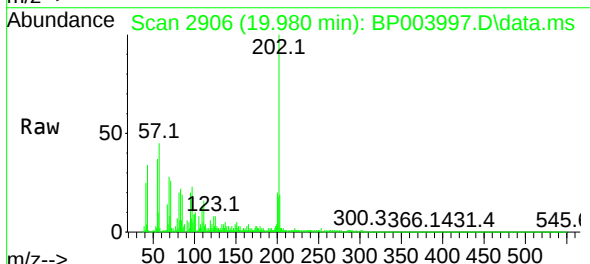
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

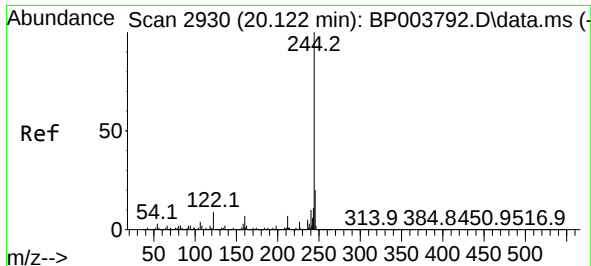
Tgt Ion:184 Resp: 456475
Ion Ratio Lower Upper
184 100
185 17.7 11.5 17.3#
183 17.9 9.6 14.4#



#78
Pyrene
Concen: 49.95 ng
RT: 19.980 min Scan# 2906
Delta R.T. 0.018 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:202 Resp: 1816310
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 18.6 14.2 21.2

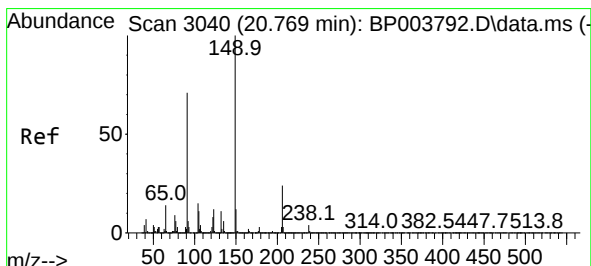
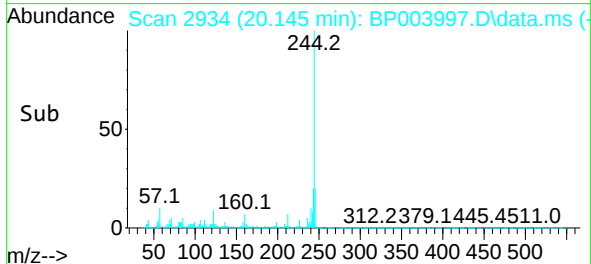
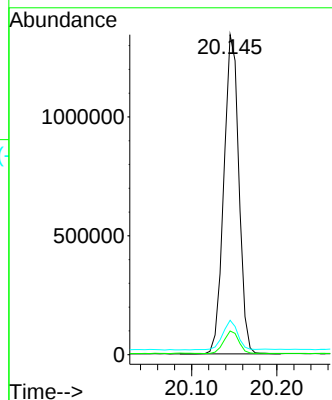
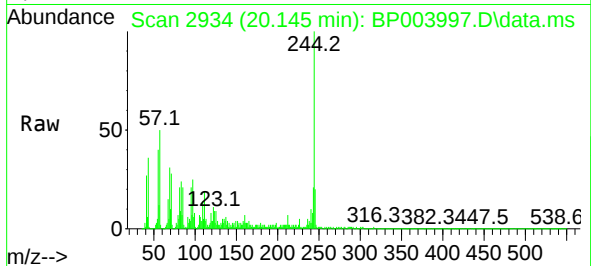




#79
Terphenyl-d14
Concen: 59.40 ng
RT: 20.145 min Scan# 2934
Delta R.T. 0.012 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

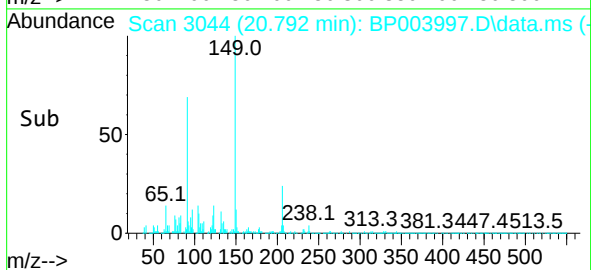
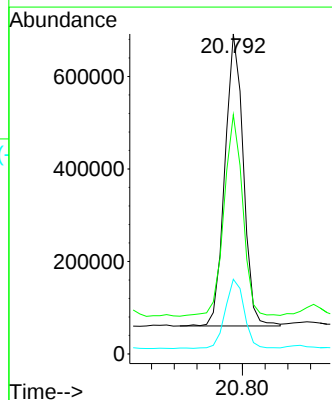
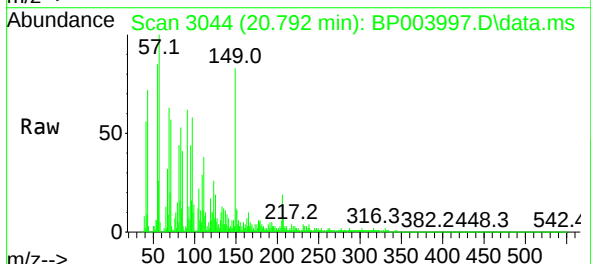
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

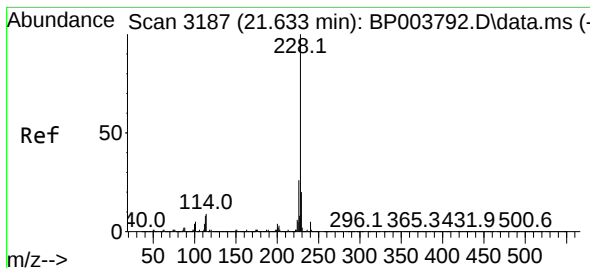
Tgt Ion:244 Resp: 1647414
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 10.7 7.8 11.8



#80
Butylbenzylphthalate
Concen: 52.59 ng
RT: 20.792 min Scan# 3044
Delta R.T. 0.012 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:149 Resp: 712522
Ion Ratio Lower Upper
149 100
91 74.8 45.4 68.0#
206 23.4 17.1 25.7





#81

Benzo(a)anthracene

Concen: 49.13 ng

RT: 21.680 min Scan# 3195

Delta R.T. 0.024 min

Lab File: BP003997.D

Acq: 18 Nov 2020 17:08

Instrument :

BNA_P

ClientSampleId :

VNJ-223MSD

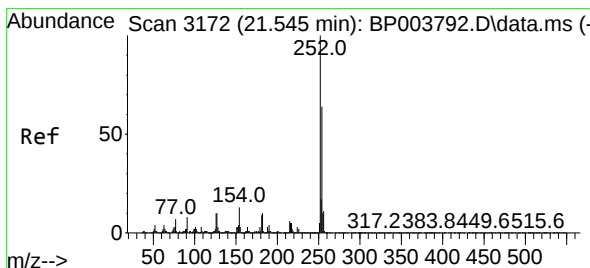
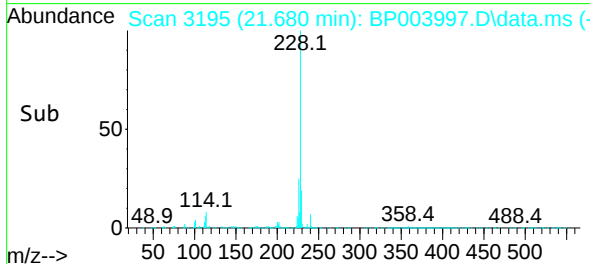
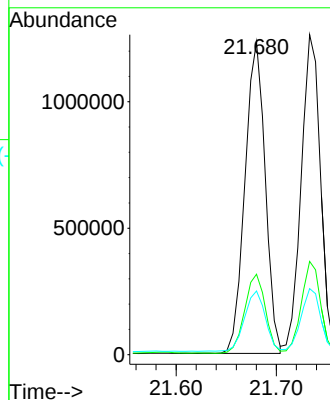
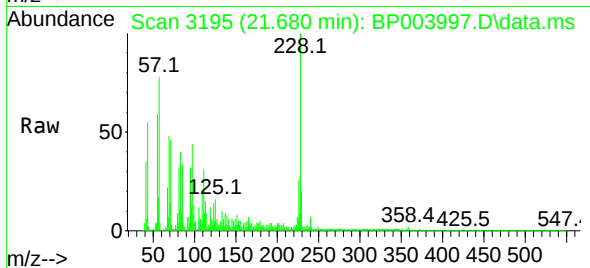
Tgt Ion:228 Resp: 1735903

Ion Ratio Lower Upper

228 100

226 25.7 22.1 33.1

229 20.3 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 22.34 ng

RT: 21.586 min Scan# 3179

Delta R.T. 0.018 min

Lab File: BP003997.D

Acq: 18 Nov 2020 17:08

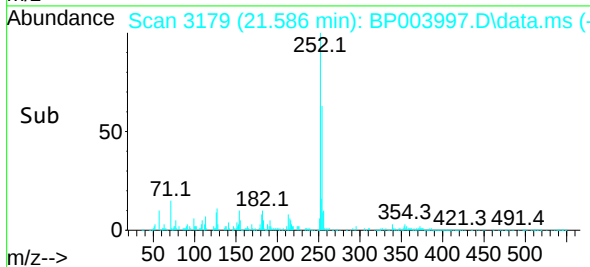
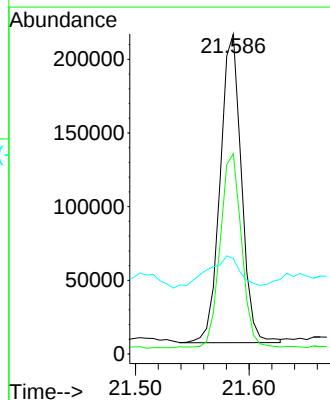
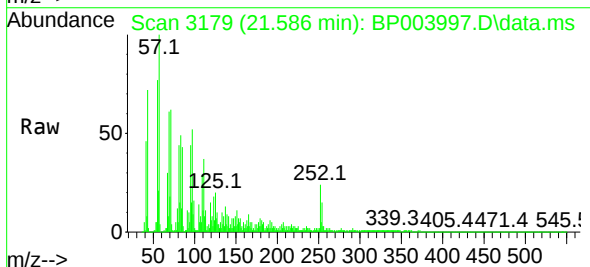
Tgt Ion:252 Resp: 272281

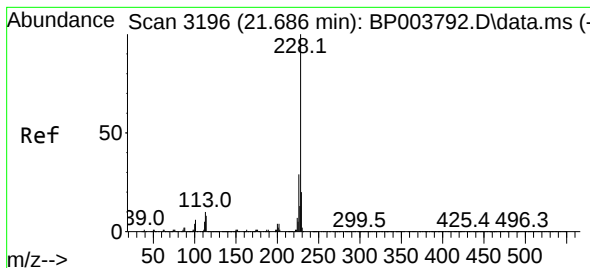
Ion Ratio Lower Upper

252 100

254 62.6 51.0 76.4

126 29.8 7.9 11.9#





#83

Chrysene

Concen: 49.44 ng

RT: 21.733 min Scan# 3204

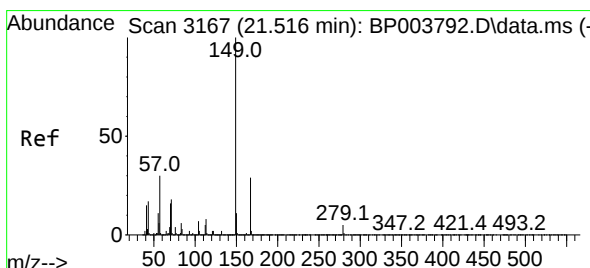
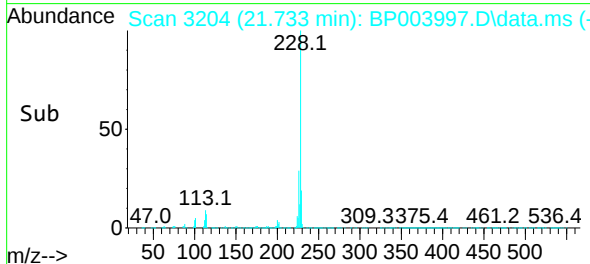
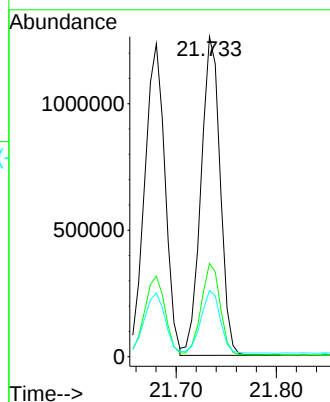
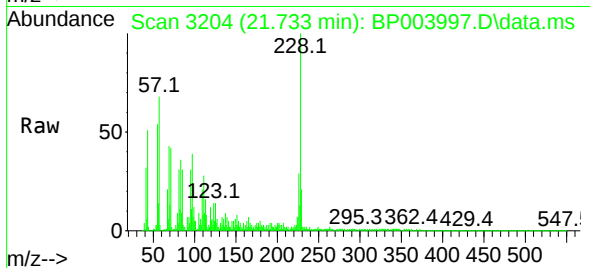
Delta R.T. 0.018 min

Lab File: BP003997.D

Acq: 18 Nov 2020 17:08

Tgt Ion:228 Resp: 1678334

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.4	36.6
229	20.6	15.8	23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 130.75 ng

RT: 21.551 min Scan# 3173

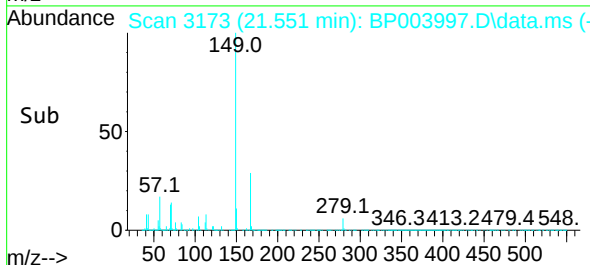
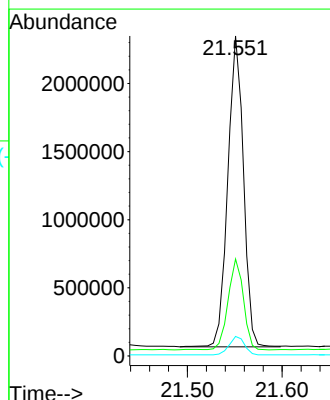
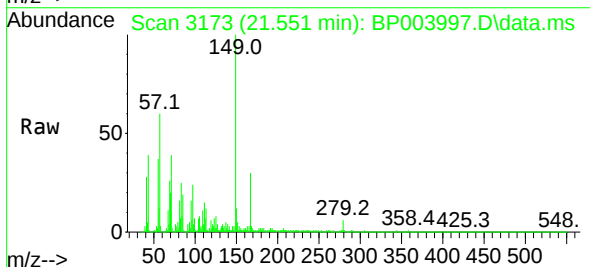
Delta R.T. 0.018 min

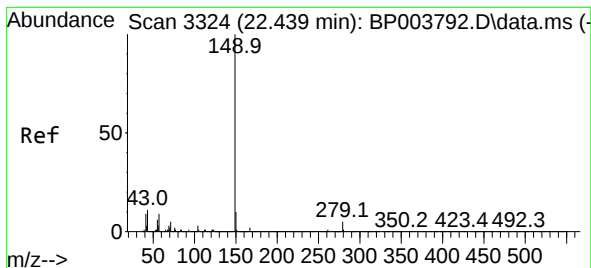
Lab File: BP003997.D

Acq: 18 Nov 2020 17:08

Tgt Ion:149 Resp: 2611052

Ion	Ratio	Lower	Upper
149	100		
167	30.3	22.6	34.0
279	6.1	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 55.29 ng

RT: 22.492 min Scan# 3333

Delta R.T. 0.024 min

Lab File: BP003997.D

Acq: 18 Nov 2020 17:08

Instrument :

BNA_P

ClientSampleId :

VNJ-223MSD

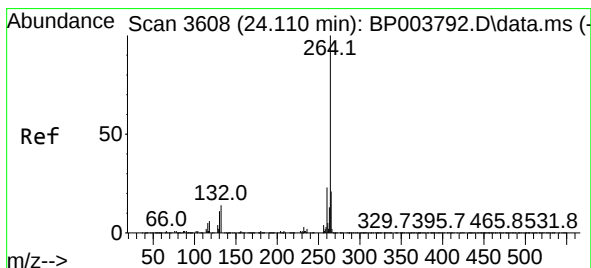
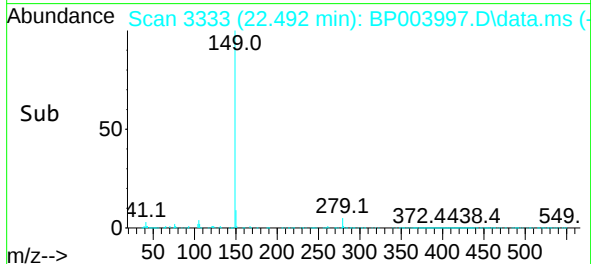
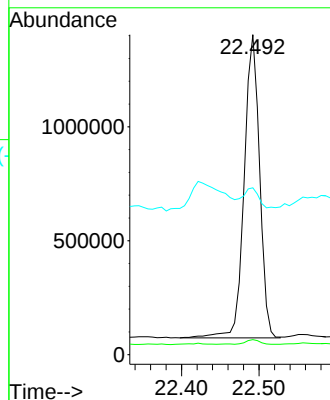
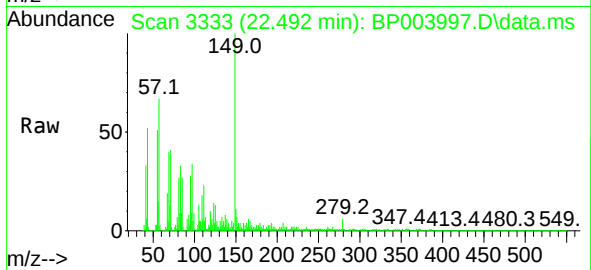
Tgt Ion:149 Resp: 1839642

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

43 6.5 3.7 5.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.210 min Scan# 3625

Delta R.T. 0.053 min

Lab File: BP003997.D

Acq: 18 Nov 2020 17:08

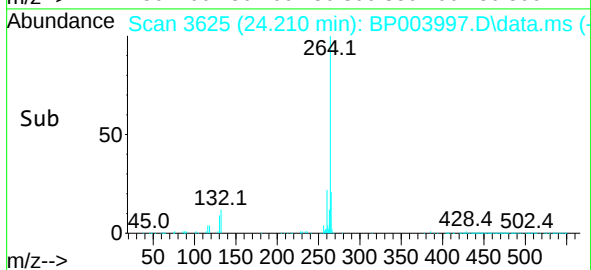
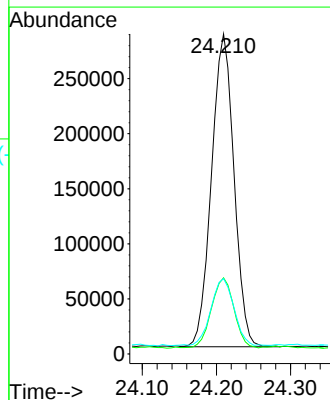
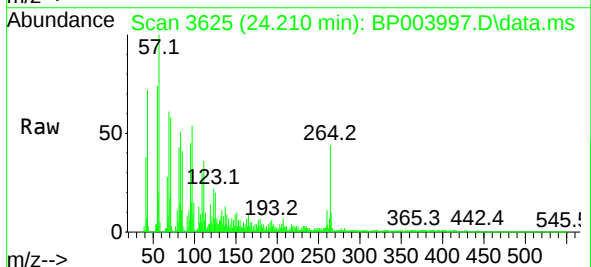
Tgt Ion:264 Resp: 597886

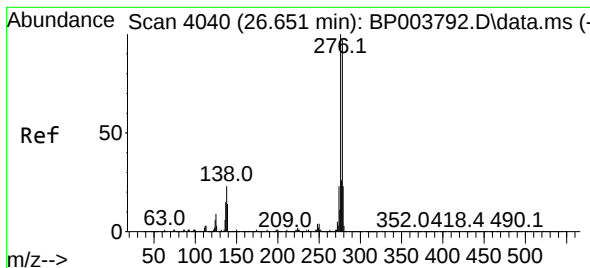
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 23.5 17.4 26.2

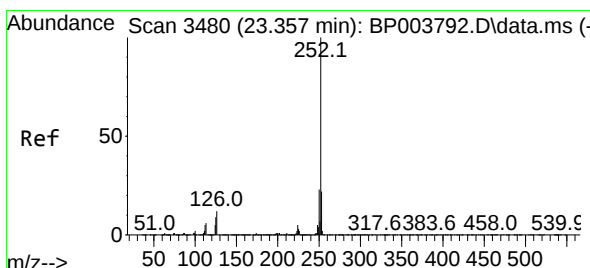
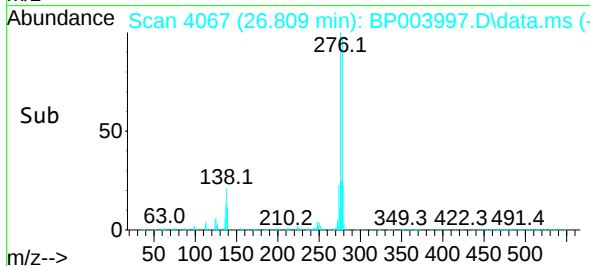
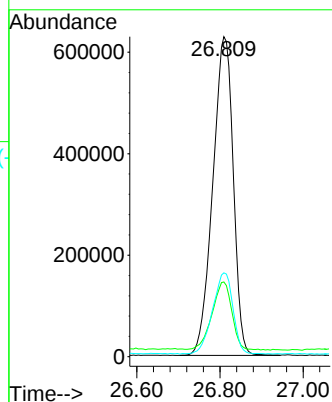
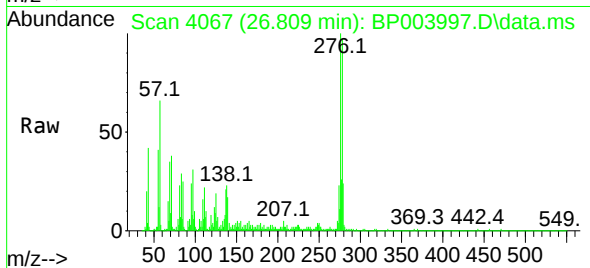




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.80 ng
RT: 26.809 min Scan# 4067
Delta R.T. 0.082 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

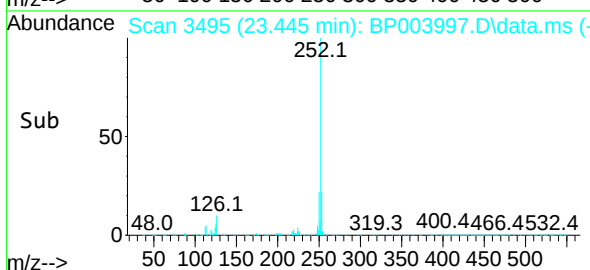
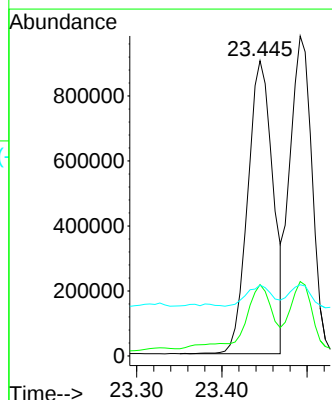
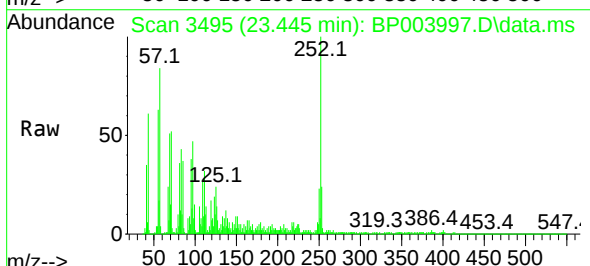
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

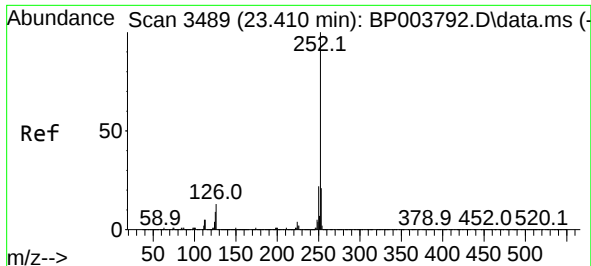
Tgt Ion:276 Resp: 2147832
Ion Ratio Lower Upper
276 100
138 20.9 18.7 28.1
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 47.44 ng
RT: 23.445 min Scan# 3495
Delta R.T. 0.041 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:252 Resp: 1856253
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 24.0 7.3 10.9#

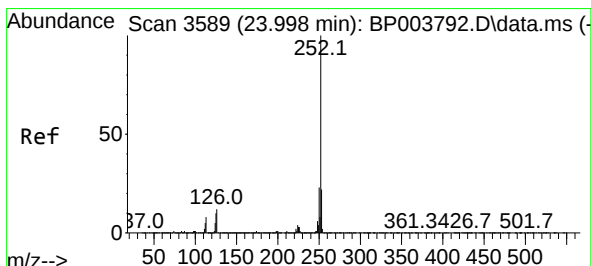
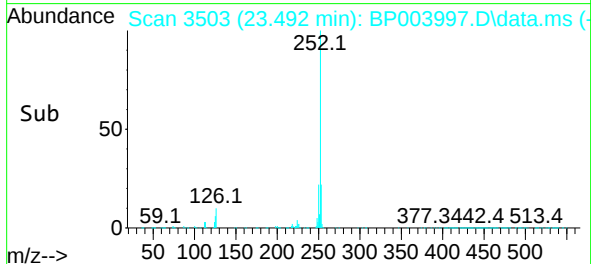
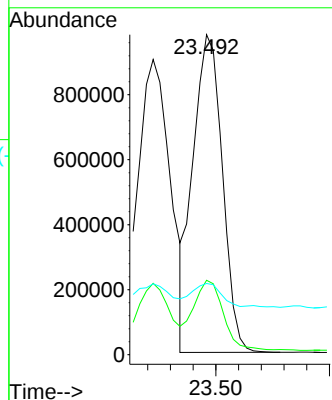
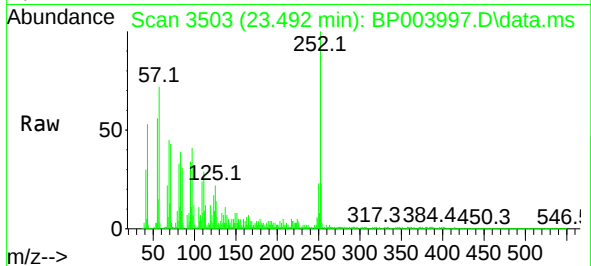




#89
Benzo(k)fluoranthene
Concen: 45.55 ng
RT: 23.492 min Scan# 3503
Delta R.T. 0.041 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

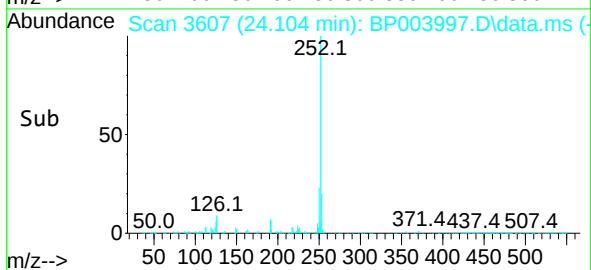
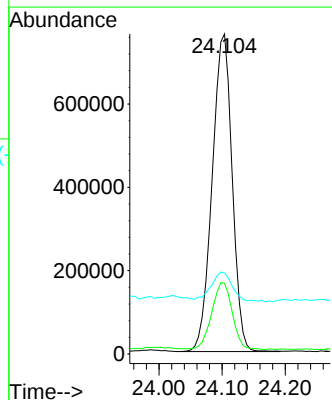
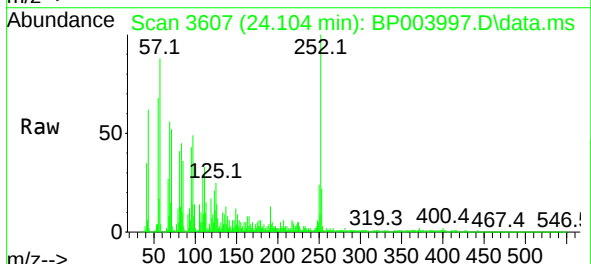
Instrument :
BNA_P
ClientSampleId :
VNJ-223MSD

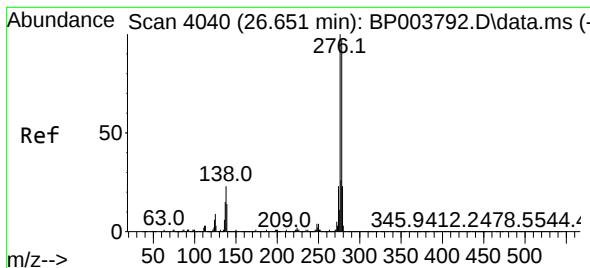
Tgt Ion:252 Resp: 1759844
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 22.3 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 46.27 ng
RT: 24.104 min Scan# 3607
Delta R.T. 0.053 min
Lab File: BP003997.D
Acq: 18 Nov 2020 17:08

Tgt Ion:252 Resp: 1675926
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 25.3 8.2 12.4#





#91

Dibenzo(a,h)anthracene

Concen: 50.54 ng

RT: 26.804 min Scan# 4066

Delta R.T. 0.076 min

Lab File: BP003997.D

Acq: 18 Nov 2020 17:08

Instrument :

BNA_P

ClientSampleId :

VNJ-223MSD

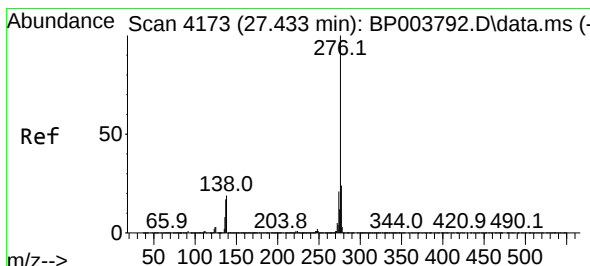
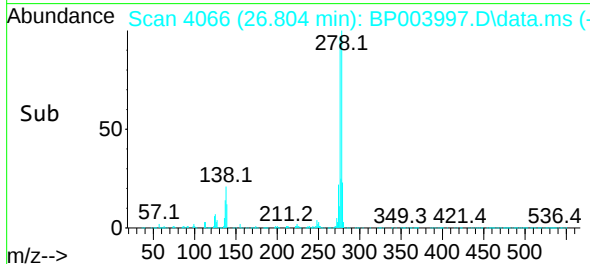
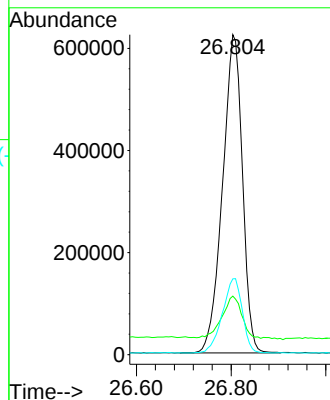
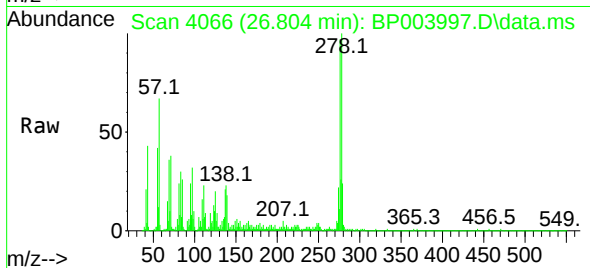
Tgt Ion:278 Resp: 1817126

Ion Ratio Lower Upper

278 100

139 18.3 12.4 18.6

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 51.67 ng

RT: 27.615 min Scan# 4204

Delta R.T. 0.094 min

Lab File: BP003997.D

Acq: 18 Nov 2020 17:08

Tgt Ion:276 Resp: 1798018

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 20.0 16.6 24.8

