

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
 Data File : BM029028.D
 Acq On : 08 Mar 2021 20:45
 Operator : CG/JU
 Sample : M1577-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11939-VNJ-229MSD

Quant Time: Mar 08 23:52:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 13:17:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	10829	20.00	ng	-0.01
21) Naphthalene-d8	10.463	136	42742	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	25135	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	51232	20.00	ng	-0.01
76) Chrysene-d12	21.262	240	51534	20.00	ng	#-0.01
86) Perylene-d12	23.415	264	51123	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	81918	125.39	ng	0.00
7) Phenol-d6	6.875	99	100474	116.43	ng	0.00
23) Nitrobenzene-d5	8.845	82	66241	83.61	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	37263	125.09	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	148053	78.42	ng	-0.01
79) Terphenyl-d14	19.709	244	204178	73.16	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.093	88	10076	41.02	ng	# 63
3) Pyridine	3.511	79	27726	42.77	ng	# 30
4) n-Nitrosodimethylamine	3.428	42	21850	60.33	ng	# 45
6) Aniline	7.010	93	22201	24.06	ng	99
8) 2-Chlorophenol	7.240	128	35693	45.99	ng	97
9) Benzaldehyde	6.822	77	9162	19.48	ng	# 77
10) Phenol	6.899	94	43556	50.79	ng	94
11) bis(2-Chloroethyl)ether	7.110	93	30921	47.53	ng	92
12) 1,3-Dichlorobenzene	7.557	146	38435	45.41	ng	# 93
13) 1,4-Dichlorobenzene	7.704	146	38957	45.39	ng	99
14) 1,2-Dichlorobenzene	8.022	146	37482	45.38	ng	98
15) Benzyl Alcohol	7.934	79	30143	48.85	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.210	45	52192	52.10	ng	70
17) 2-Methylphenol	8.145	107	28149	48.34	ng	# 91
18) Hexachloroethane	8.734	117	15061	48.29	ng	92
19) n-Nitroso-di-n-propyla...	8.493	70	24828	48.91	ng	# 50
20) 3+4-Methylphenols	8.475	107	38267	48.84	ng	93
22) Acetophenone	8.510	105	51068	48.99	ng	# 83
24) Nitrobenzene	8.887	77	37372	46.39	ng	# 88
25) Isophorone	9.410	82	65243	46.80	ng	96
26) 2-Nitrophenol	9.592	139	19681	48.37	ng	92
27) 2,4-Dimethylphenol	9.669	122	31029	50.82	ng	90
28) bis(2-Chloroethoxy)met...	9.898	93	40158	50.70	ng	98
29) 2,4-Dichlorophenol	10.134	162	33091	47.37	ng	97
30) 1,2,4-Trichlorobenzene	10.328	180	35437	46.27	ng	97
31) Naphthalene	10.516	128	105383	44.72	ng	100
32) Benzoic acid	9.857	122	24291	55.51	ng	# 88
33) 4-Chloroaniline	10.645	127	16693	17.63	ng	95
34) Hexachlorobutadiene	10.781	225	21062	45.86	ng	99
35) Caprolactam	11.463	113	9776	51.16	ng	# 50
36) 4-Chloro-3-methylphenol	11.792	107	35147	49.93	ng	95
37) 2-Methylnaphthalene	12.133	142	76668	46.24	ng	98
38) 1-Methylnaphthalene	12.357	142	72807	46.36	ng	100
40) 1,2,4,5-Tetrachloroben...	12.510	216	37071	47.17	ng	99
41) Hexachlorocyclopentadiene	12.475	237	36203	120.85	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	25875	46.97	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	27996	47.35	ng	96
46) 1,1'-Biphenyl	13.169	154	95448	47.35	ng	98
47) 2-Chloronaphthalene	13.210	162	75388	45.81	ng	98
48) 2-Nitroaniline	13.439	65	23726	53.61	ng	90
49) Acenaphthylene	14.063	152	117411	46.46	ng	100
50) Dimethylphthalate	13.816	163	95771	50.28	ng	99
51) 2,6-Dinitrotoluene	13.939	165	20763	46.75	ng	95
52) Acenaphthene	14.404	154	70614	45.56	ng	96
53) 3-Nitroaniline	14.275	138	13147	30.38	ng	88
54) 2,4-Dinitrophenol	14.498	184	22757	100.18	ng	98
55) Dibenzofuran	14.745	168	111745	45.92	ng	97
56) 4-Nitrophenol	14.610	139	35418	99.78	ng	88
57) 2,4-Dinitrotoluene	14.739	165	29713	51.22	ng	# 86
58) Fluorene	15.392	166	92905	47.64	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.980	232	23398	49.24	ng	# 86
60) Diethylphthalate	15.180	149	97615	50.94	ng	97
61) 4-Chlorophenyl-phenyle...	15.386	204	44940	48.29	ng	# 89
62) 4-Nitroaniline	15.445	138	19377	46.32	ng	94
63) Azobenzene	15.680	77	88298	49.93	ng	# 84
65) 4,6-Dinitro-2-methylph...	15.504	198	14864	41.20	ng	# 70
66) n-Nitrosodiphenylamine	15.610	169	78686	44.90	ng	96
67) 4-Bromophenyl-phenylether	16.280	248	26029	45.28	ng	# 87
68) Hexachlorobenzene	16.392	284	29111	45.44	ng	91
69) Atrazine	16.568	200	22896	41.99	ng	97
70) Pentachlorophenol	16.745	266	36433	106.32	ng	99
71) Phenanthrene	17.127	178	140112	45.93	ng	99
72) Anthracene	17.221	178	143816	47.59	ng	98
73) Carbazole	17.498	167	130024	44.84	ng	98
74) Di-n-butylphthalate	18.051	149	173073	52.50	ng	100
75) Fluoranthene	19.145	202	163419	48.74	ng	99
77) Benzidine	19.339	184	45780	26.96	ng	99
78) Pyrene	19.504	202	166199	43.90	ng	99
80) Butylbenzylphthalate	20.409	149	79927	49.04	ng	93
81) Benzo(a)anthracene	21.245	228	162269	45.37	ng	99
82) 3,3'-Dichlorobenzidine	21.186	252	46081	37.30	ng	# 99
83) Chrysene	21.298	228	157644	45.23	ng	100
84) Bis(2-ethylhexyl)phtha...	21.174	149	124123	52.92	ng	# 96
85) Di-n-octyl phthalate	22.033	149	211302	53.10	ng	# 88
87) Indeno(1,2,3-cd)pyrene	25.580	276	184332	47.78	ng	# 91
88) Benzo(b)fluoranthene	22.780	252	164385	45.52	ng	# 97
89) Benzo(k)fluoranthene	22.821	252	160739	46.86	ng	# 98
90) Benzo(a)pyrene	23.327	252	149088	45.24	ng	# 97
91) Dibenzo(a,h)anthracene	25.586	278	155719	46.45	ng	# 95
92) Benzo(g,h,i)perylene	26.238	276	150397	46.46	ng	# 91

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

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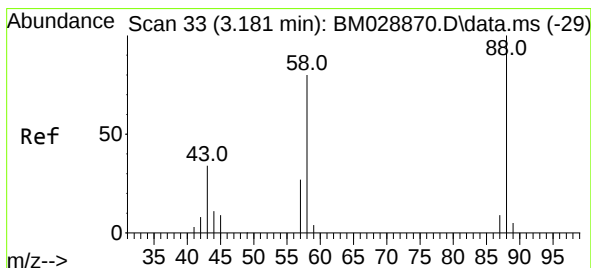
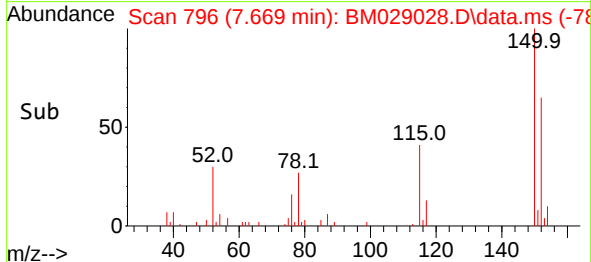
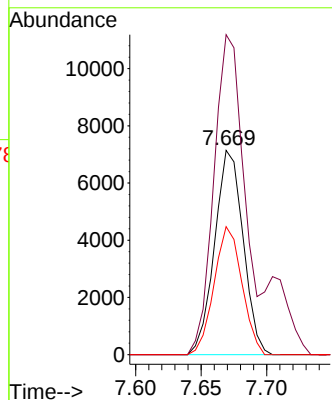
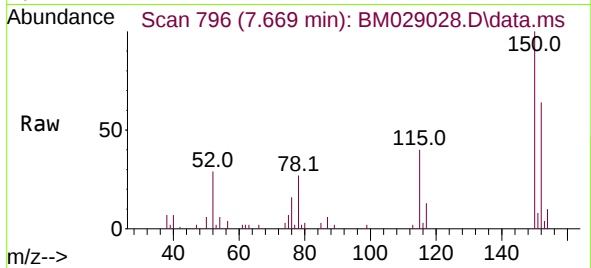




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

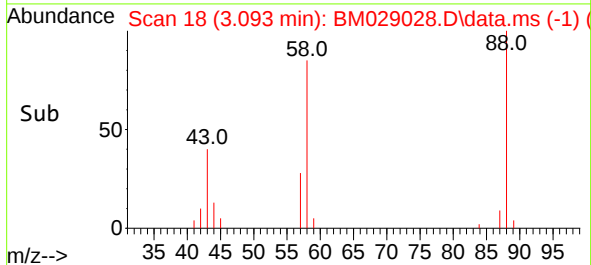
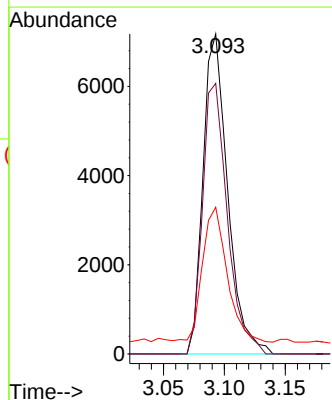
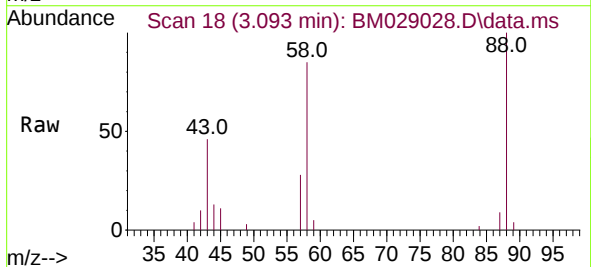
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Tgt Ion:152 Resp: 10829
Ion Ratio Lower Upper
152 100
150 156.6 120.6 181.0
115 62.6 47.2 70.8



#2
1,4-Dioxane
Concen: 41.02 ng
RT: 3.093 min Scan# 18
Delta R.T. 0.000 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion: 88 Resp: 10076
Ion Ratio Lower Upper
88 100
58 85.4 46.2 69.2#
43 42.3 19.0 28.6#

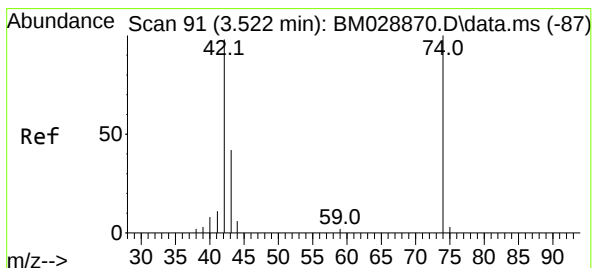
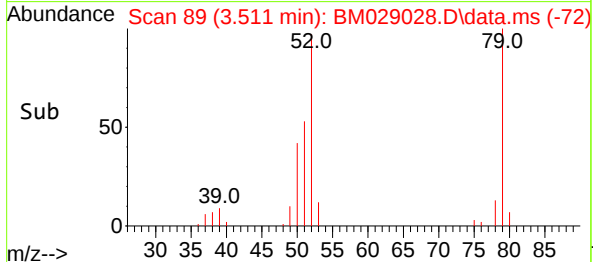
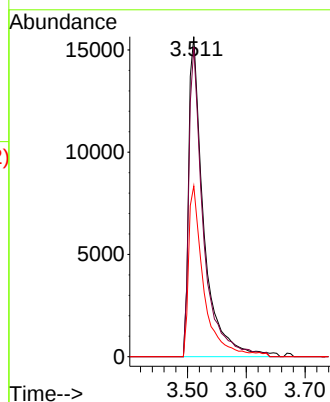
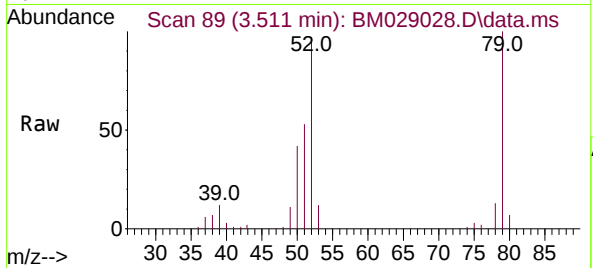




#3
Pyridine
Concen: 42.77 ng
RT: 3.511 min Scan# 89
Delta R.T. 0.000 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

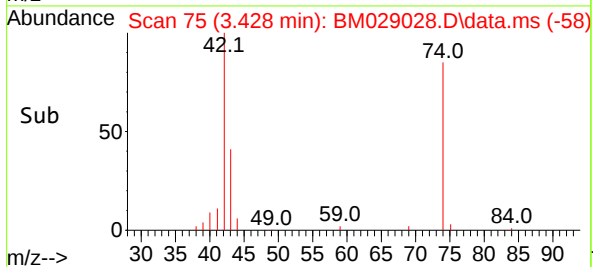
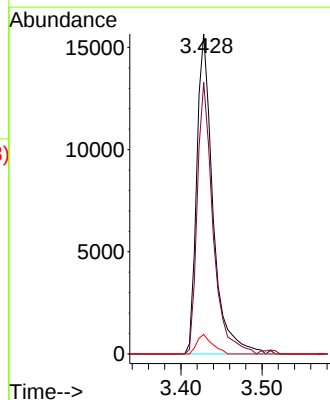
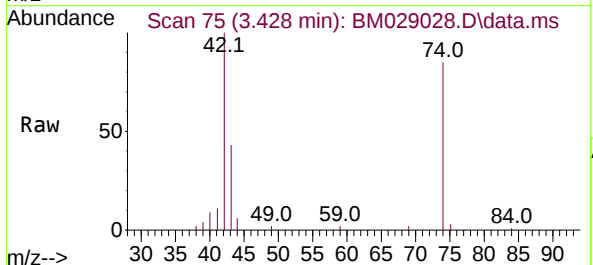
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

Tgt Ion: 79	Resp: 27726
Ion Ratio	Lower Upper
79 100	
52 96.7	35.8 53.8#
51 53.4	21.0 31.6#



#4
n-Nitrosodimethylamine
Concen: 60.33 ng
RT: 3.428 min Scan# 75
Delta R.T. 0.000 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion: 42	Resp: 21850
Ion Ratio	Lower Upper
42 100	
74 84.9	127.8 191.6#
44 6.1	4.1 6.1

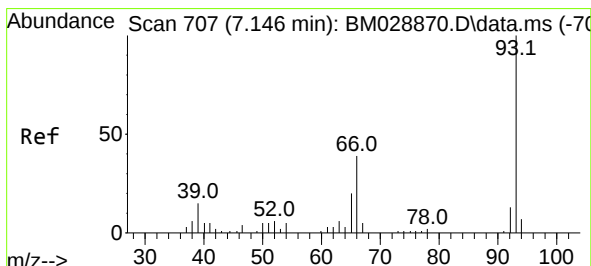
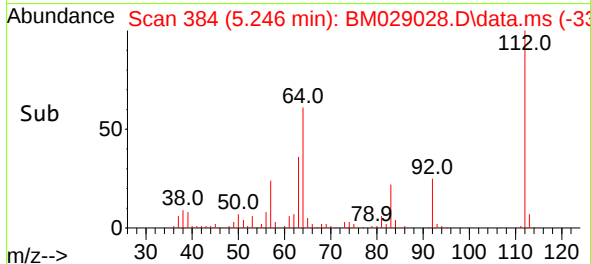
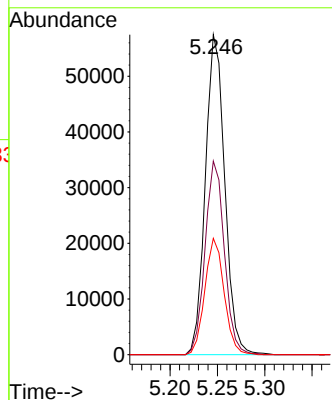
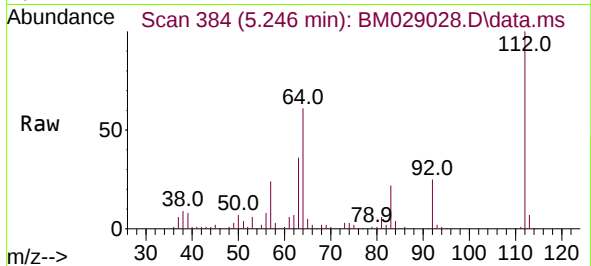




#5
2-Fluorophenol
Concen: 125.39 ng
RT: 5.246 min Scan# 384
Delta R.T. 0.000 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

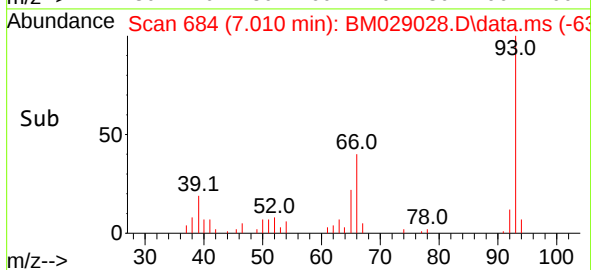
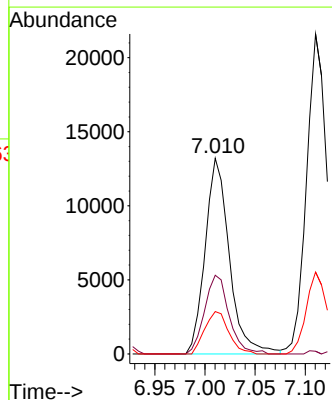
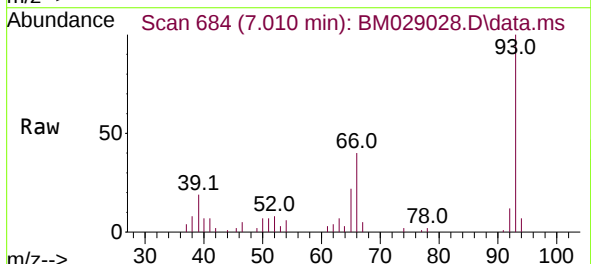
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ClientSampleId :
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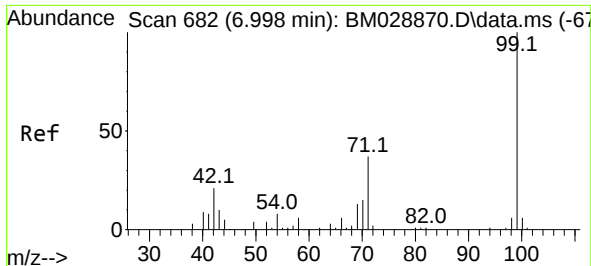
Tgt Ion:112 Resp: 81918
Ion Ratio Lower Upper
112 100
64 60.5 50.6 76.0
63 36.4 31.0 46.6



#6
Aniline
Concen: 24.06 ng
RT: 7.010 min Scan# 684
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion: 93 Resp: 22201
Ion Ratio Lower Upper
93 100
66 40.2 33.3 49.9
65 21.7 17.4 26.0

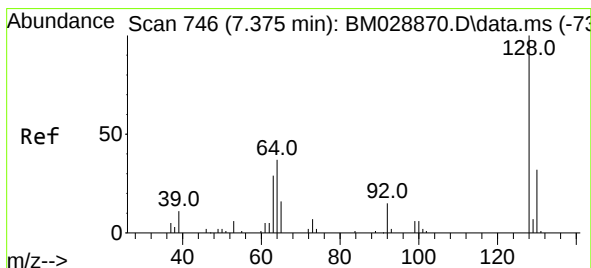
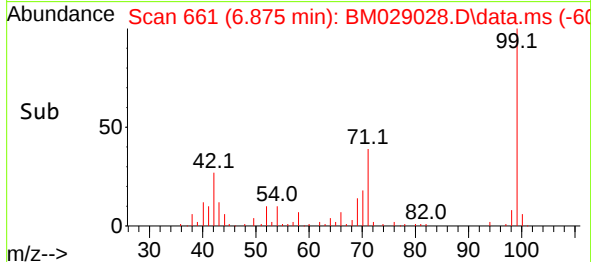
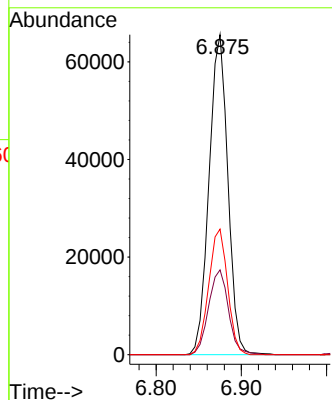
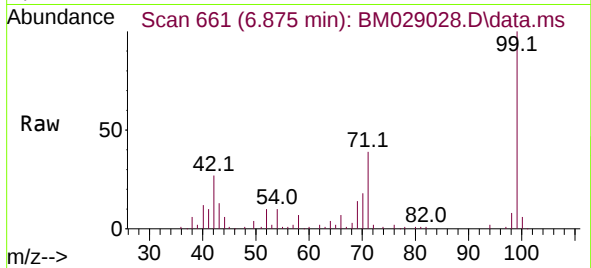




#7
Phenol-d6
Concen: 116.43 ng
RT: 6.875 min Scan# 661
Delta R.T. 0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

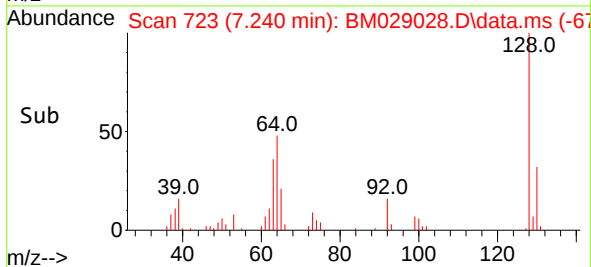
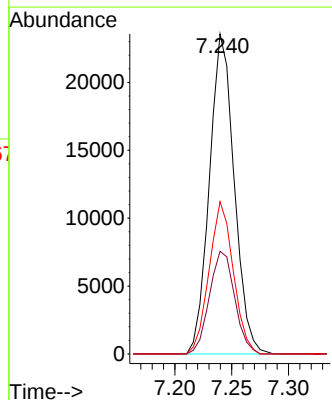
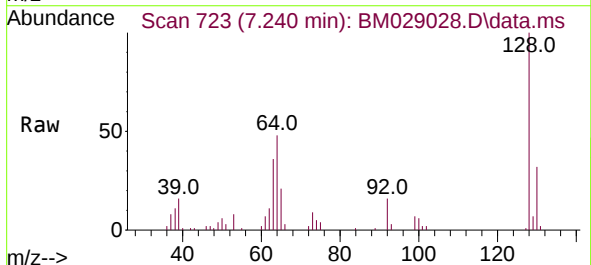
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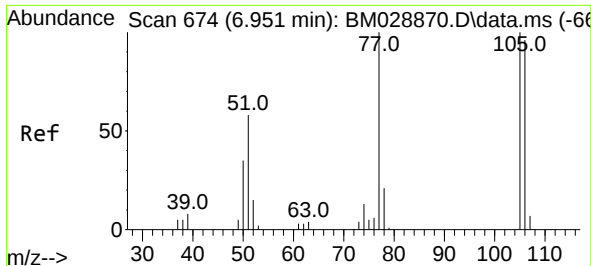
Tgt Ion: 99 Resp: 100474
Ion Ratio Lower Upper
99 100
42 26.5 13.5 20.3#
71 39.3 39.4 59.0#



#8
2-Chlorophenol
Concen: 45.99 ng
RT: 7.240 min Scan# 723
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion: 128 Resp: 35693
Ion Ratio Lower Upper
128 100
130 32.1 11.5 51.5
64 47.6 30.1 70.1

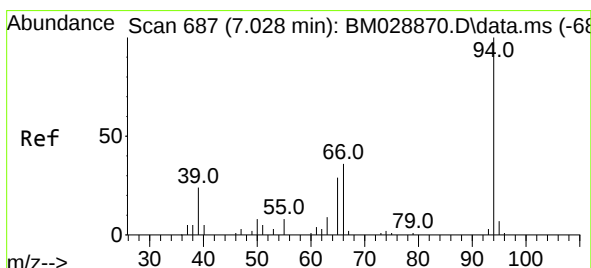
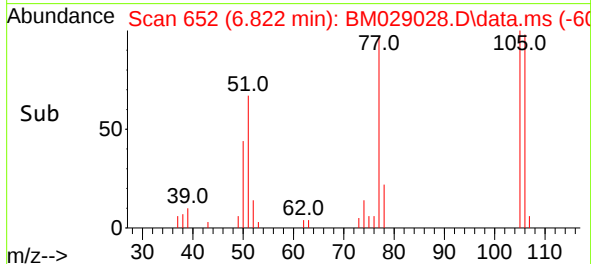
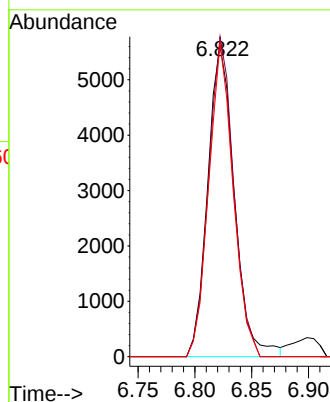
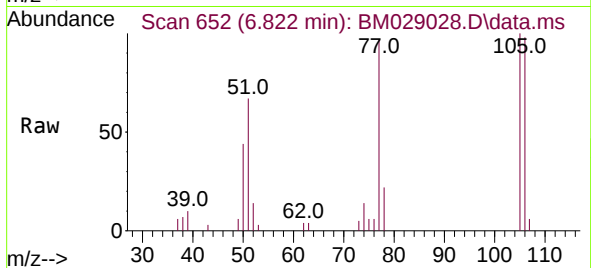




#9
Benzaldehyde
Concen: 19.48 ng
RT: 6.822 min Scan# 652
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

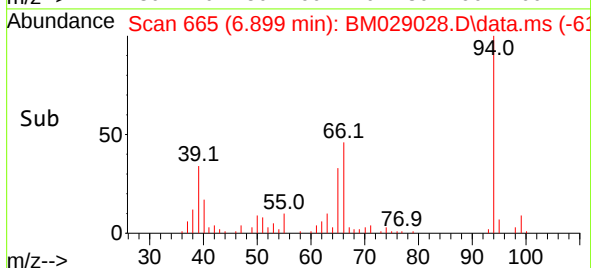
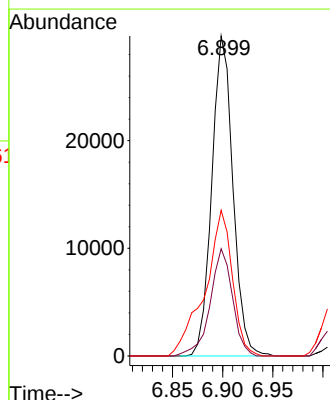
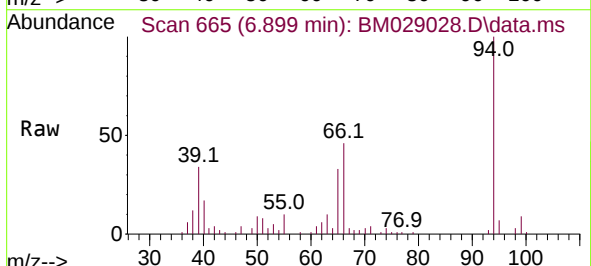
Instrument :
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Tgt Ion: 77 Resp: 9162
Ion Ratio Lower Upper
77 100
105 102.9 64.7 104.7
106 100.9 57.5 97.5#



#10
Phenol
Concen: 50.79 ng
RT: 6.899 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

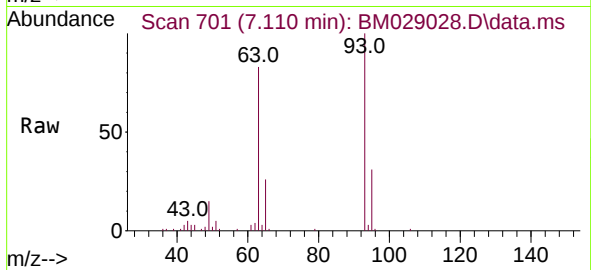
Tgt Ion: 94 Resp: 43556
Ion Ratio Lower Upper
94 100
65 33.5 16.4 56.4
66 45.5 30.2 70.2



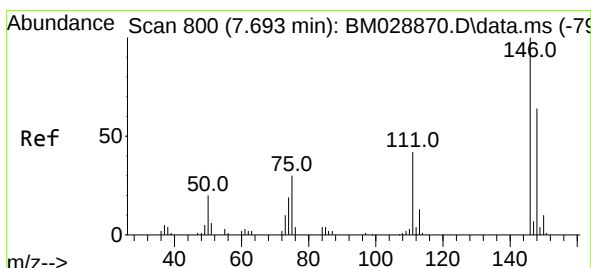
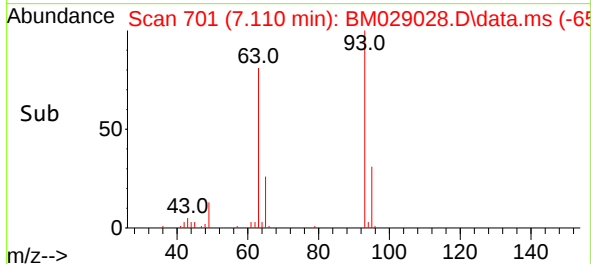
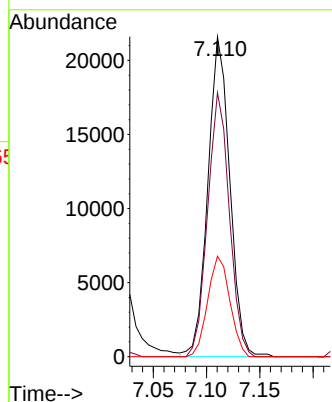


#11
bis(2-Chloroethyl)ether
Concen: 47.53 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

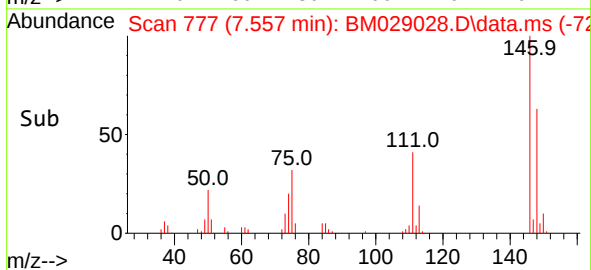
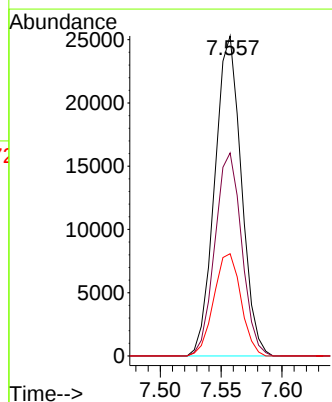
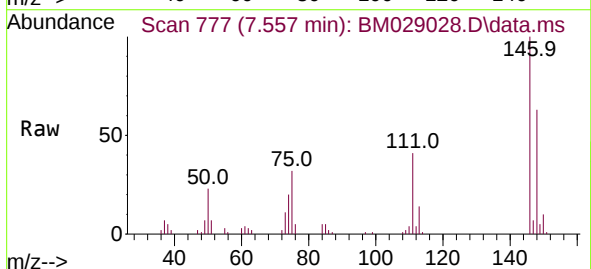


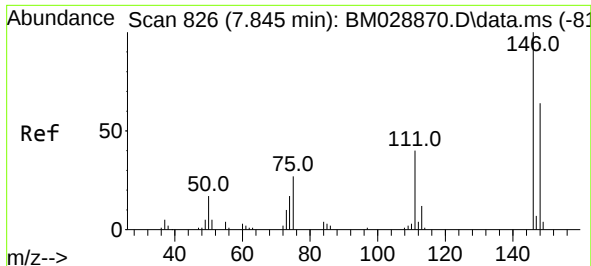
Tgt Ion: 93	Resp: 30921
Ion Ratio	Lower Upper
93 100	
63 82.5	53.1 93.1
95 31.4	12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 45.41 ng
RT: 7.557 min Scan# 777
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:146	Resp:	38435	
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.6	77.4
75	31.9	33.0	49.6#

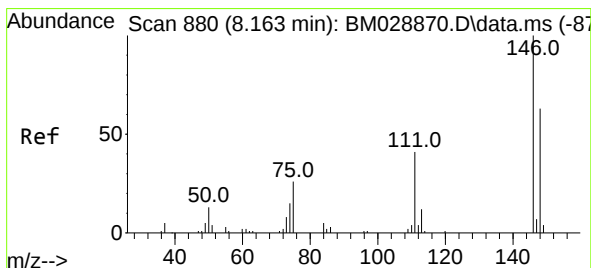
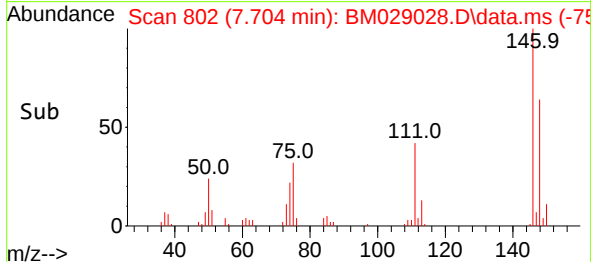
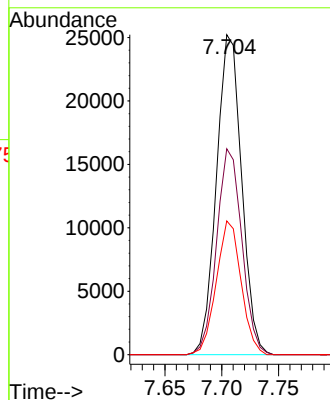
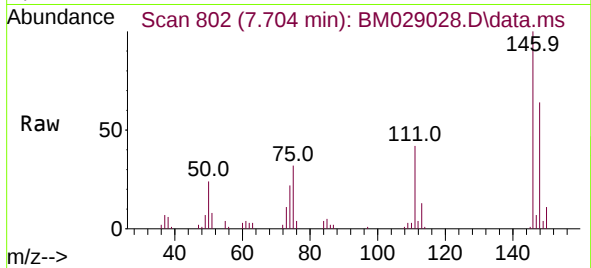




#13
1,4-Dichlorobenzene
Concen: 45.39 ng
RT: 7.704 min Scan# 802
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

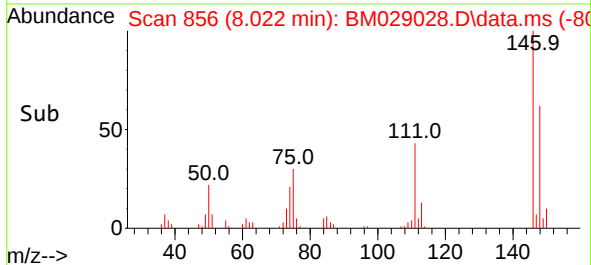
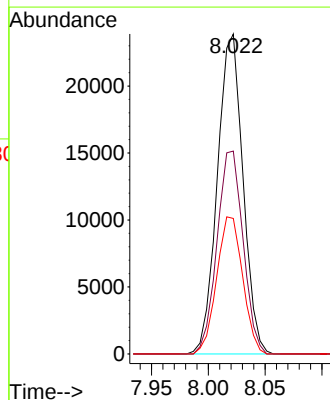
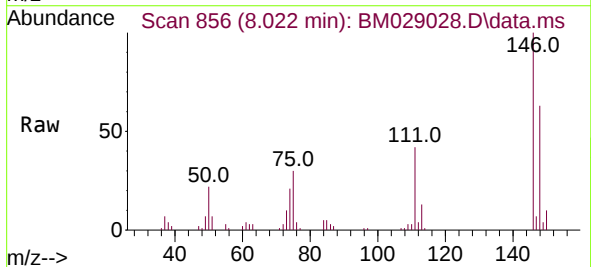
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

Tgt Ion:146 Resp: 38957
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 41.8 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 45.38 ng
RT: 8.022 min Scan# 856
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:146 Resp: 37482
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
111 42.4 35.4 53.0





#15

Benzyl Alcohol

Concen: 48.85 ng

RT: 7.934 min Scan# 841

Delta R.T. -0.006 min

Lab File: BM029028.D

Acq: 08 Mar 2021 20:45

Tgt Ion: 79 Resp: 30143

Ion Ratio Lower Upper

79 100

108 74.3 49.0 73.4#

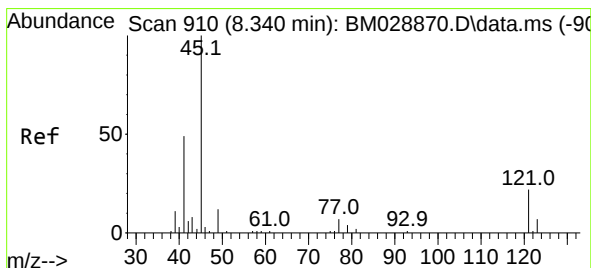
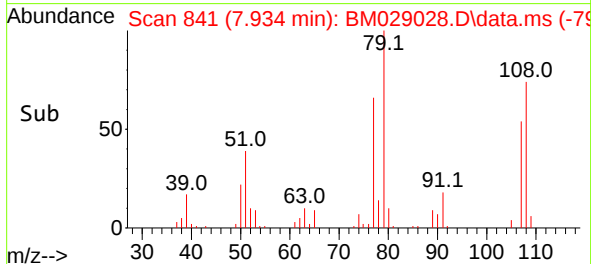
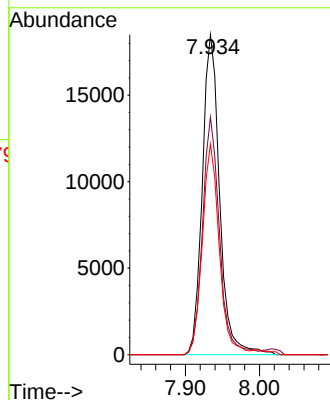
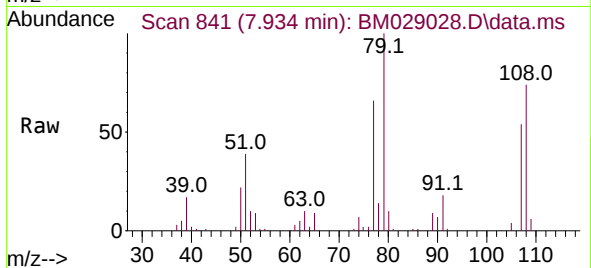
77 65.8 55.2 82.8

Instrument :

BNA_M

ClientSampleId :

72-11939-VNJ-229MSD



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.10 ng

RT: 8.210 min Scan# 888

Delta R.T. -0.012 min

Lab File: BM029028.D

Acq: 08 Mar 2021 20:45

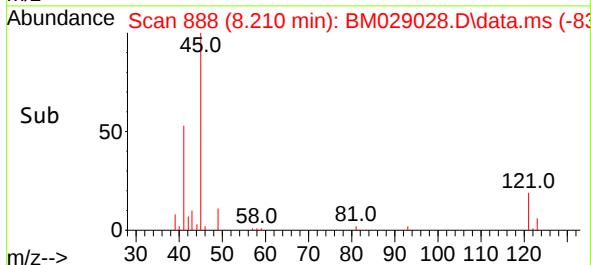
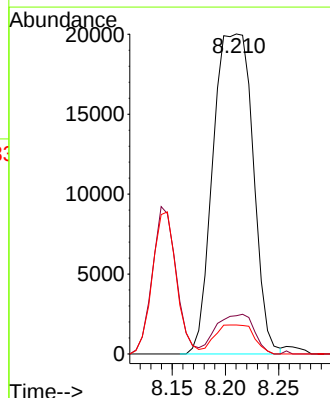
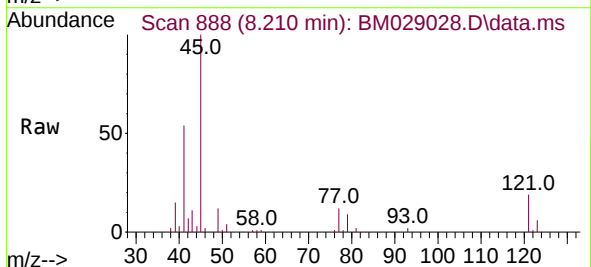
Tgt Ion: 45 Resp: 52192

Ion Ratio Lower Upper

45 100

77 11.9 9.5 49.5

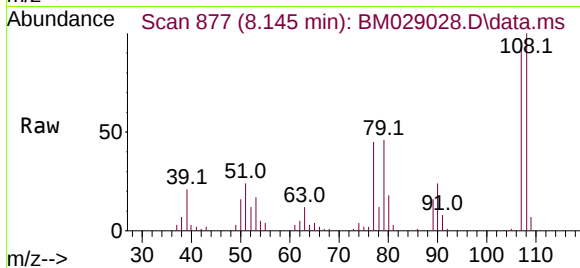
79 9.0 1.8 41.8



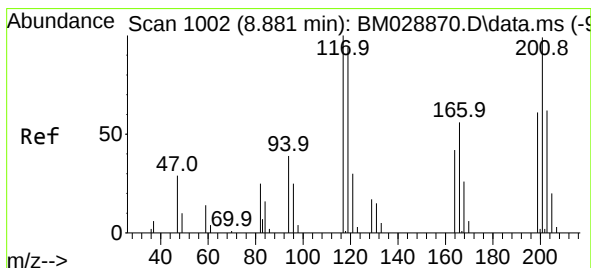
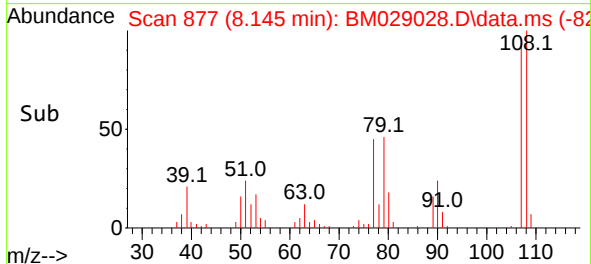
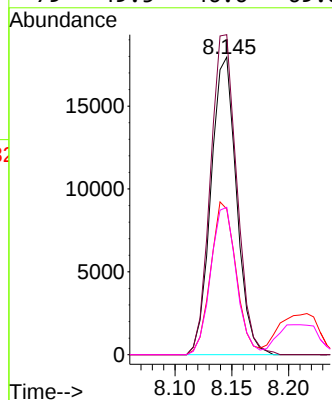


#17
2-Methylphenol
Concen: 48.34 ng
RT: 8.145 min Scan# 877
Delta R.T. 0.000 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

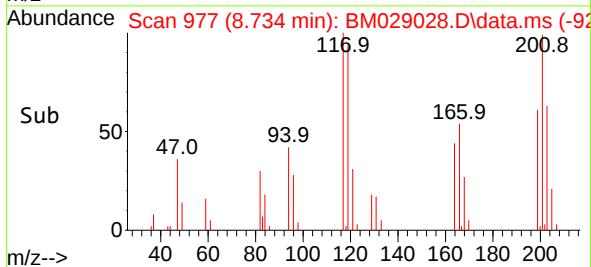
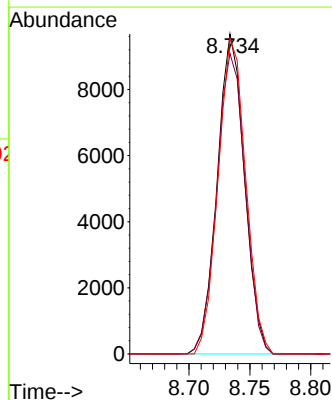
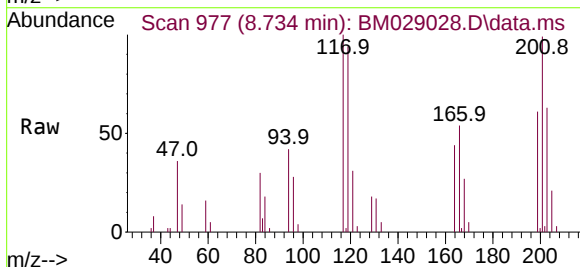


Tgt Ion:107 Resp: 28149
Ion Ratio Lower Upper
107 100
108 107.5 87.8 131.6
77 48.9 50.9 76.3#
79 49.5 46.6 69.8



#18
Hexachloroethane
Concen: 48.29 ng
RT: 8.734 min Scan# 977
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:117 Resp: 15061
Ion Ratio Lower Upper
117 100
119 93.9 73.1 109.7
201 98.6 88.7 133.1



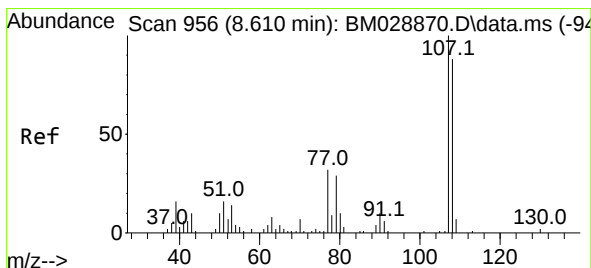
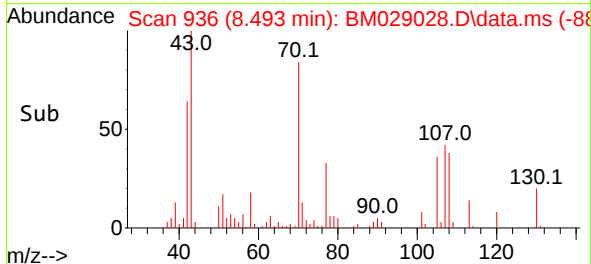
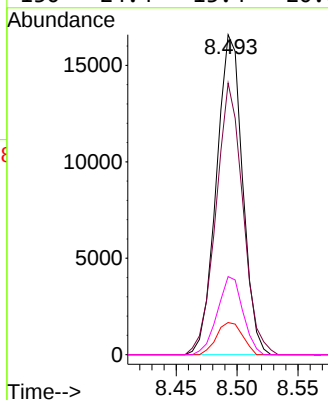
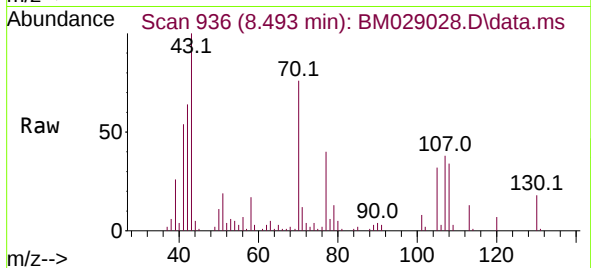


#19

n-Nitroso-di-n-propylamine
Concen: 48.91 ng
RT: 8.493 min Scan# 936
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

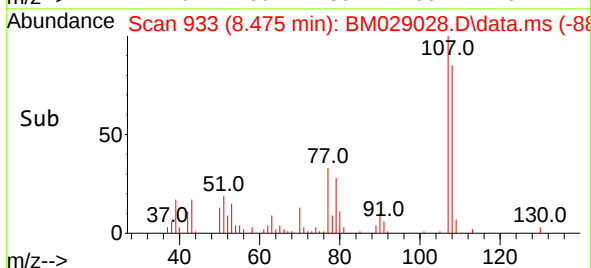
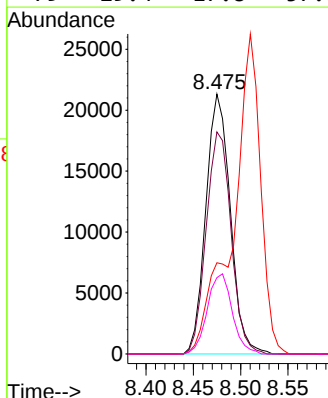
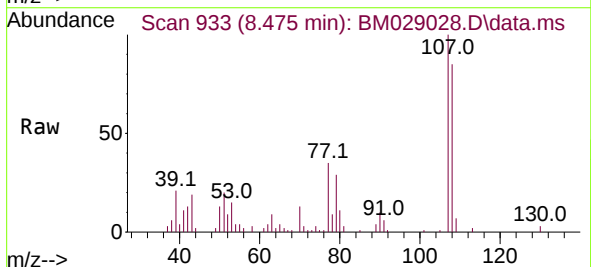
Tgt Ion:	70	Resp:	24828
Ion	Ratio	Lower	Upper
70	100		
42	84.9	31.9	47.9#
101	10.1	7.0	10.4
130	24.4	13.4	20.0#

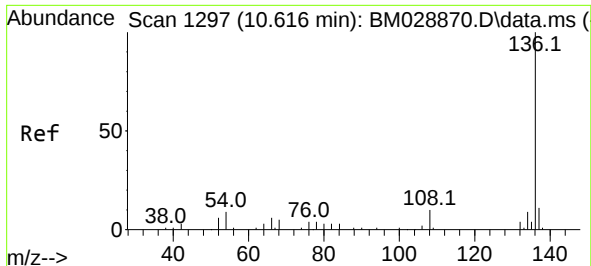


#20

3+4-Methylphenols
Concen: 48.84 ng
RT: 8.475 min Scan# 933
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

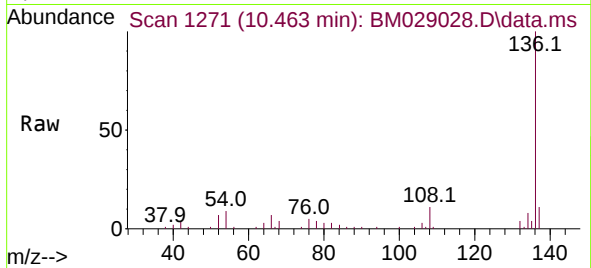
Tgt Ion:	107	Resp:	38267
Ion	Ratio	Lower	Upper
107	100		
108	85.4	64.5	104.5
77	35.1	24.2	64.2
79	29.4	17.8	57.8



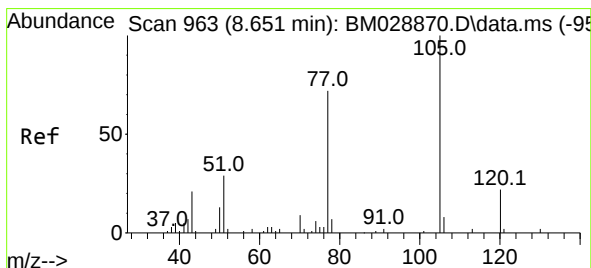
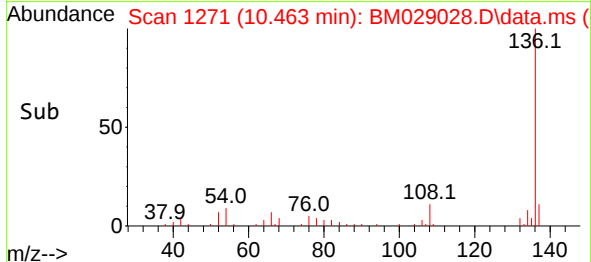
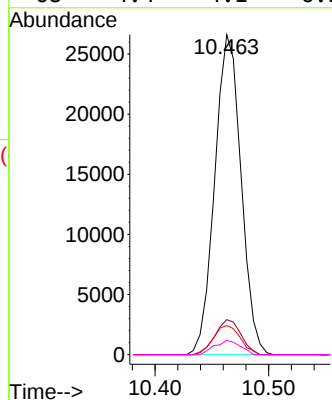


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

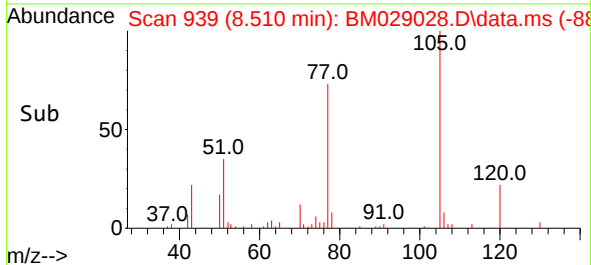
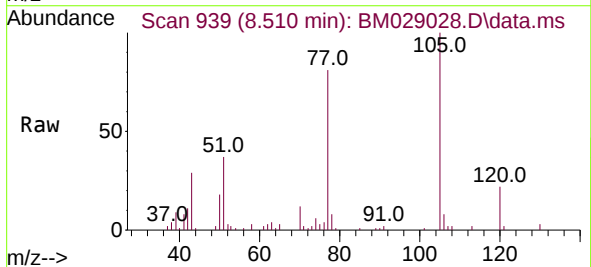
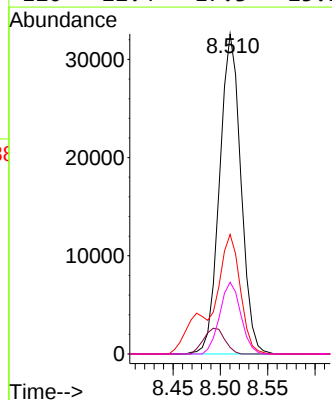


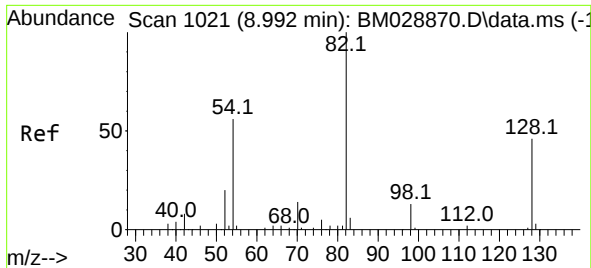
Tgt Ion:136 Resp: 42742
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.1 4.6 7.0#
68 4.4 4.1 6.1



#22
Acetophenone
Concen: 48.99 ng
RT: 8.510 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:105 Resp: 51068
Ion Ratio Lower Upper
105 100
71 2.1 7.6 11.4#
51 37.3 18.6 28.0#
120 22.4 17.3 25.9

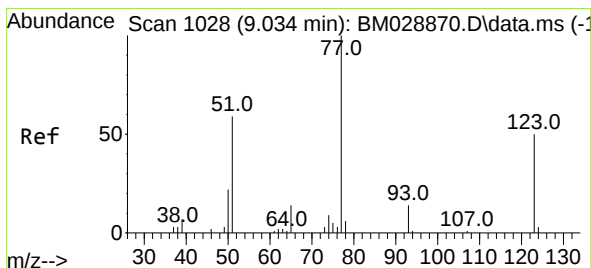
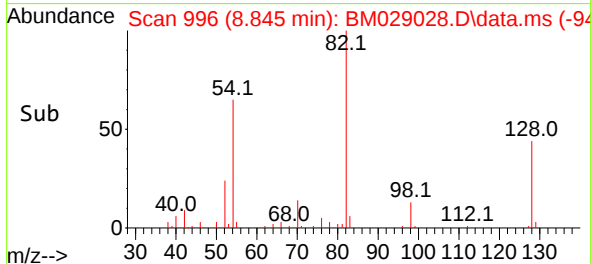
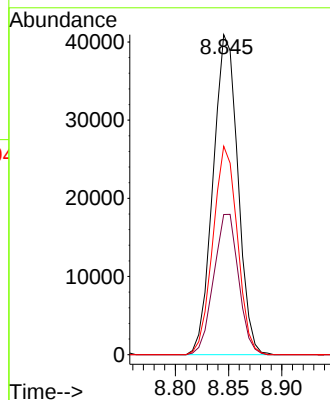
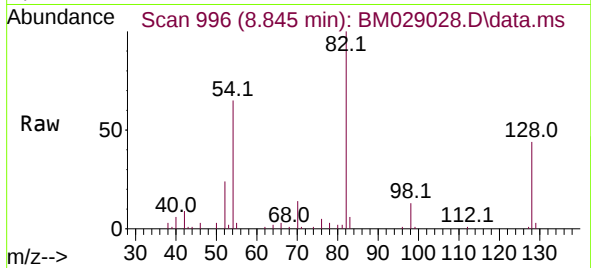




#23
Nitrobenzene-d5
Concen: 83.61 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

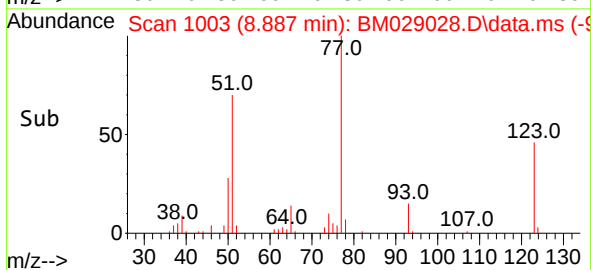
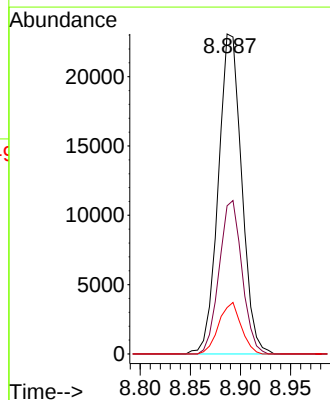
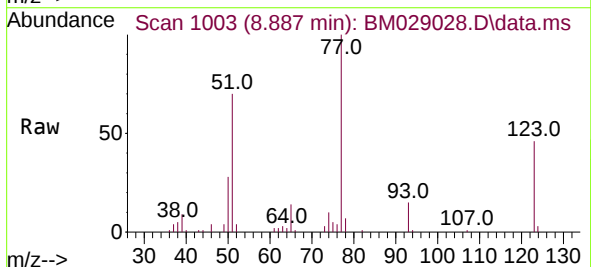
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

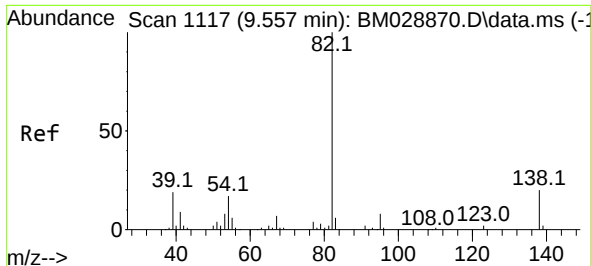
Tgt Ion: 82 Resp: 66241
Ion Ratio Lower Upper
82 100
128 43.8 27.4 41.0#
54 65.1 31.4 47.0#



#24
Nitrobenzene
Concen: 46.39 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion: 77 Resp: 37372
Ion Ratio Lower Upper
77 100
123 46.3 29.1 43.7#
65 14.5 11.3 16.9

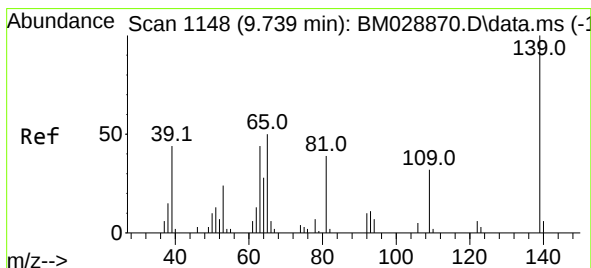
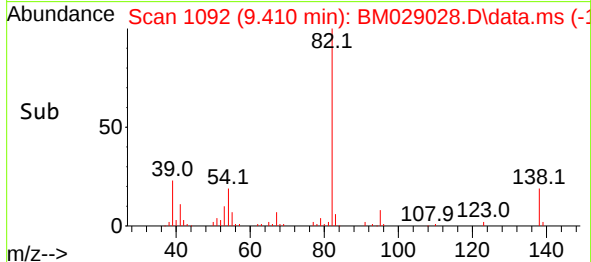
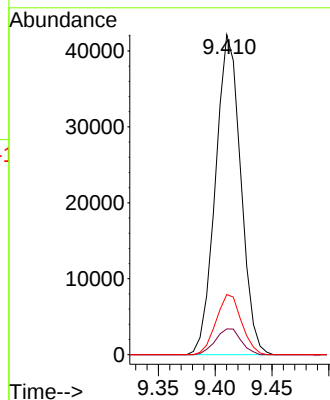
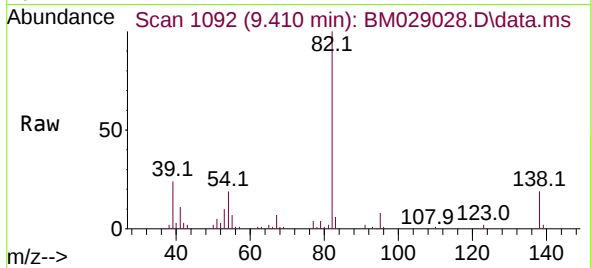




#25
Isophorone
Concen: 46.80 ng
RT: 9.410 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

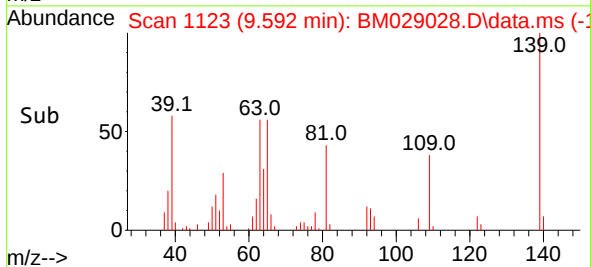
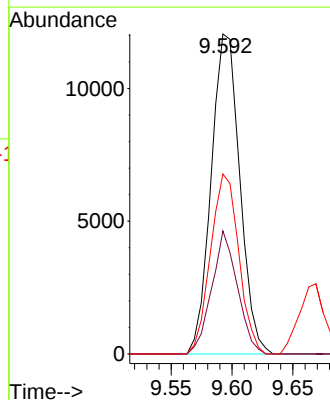
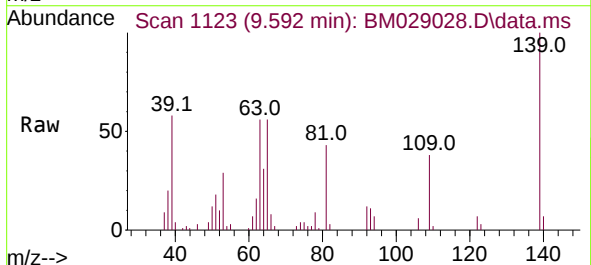
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

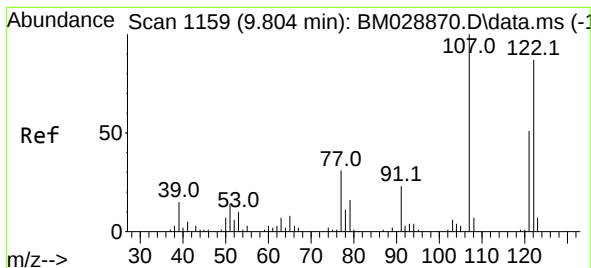
Tgt Ion: 82 Resp: 65243
Ion Ratio Lower Upper
82 100
95 8.1 6.8 10.2
138 18.8 13.1 19.7



#26
2-Nitrophenol
Concen: 48.37 ng
RT: 9.592 min Scan# 1123
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion: 139 Resp: 19681
Ion Ratio Lower Upper
139 100
109 38.5 33.8 50.8
65 56.2 51.0 76.6

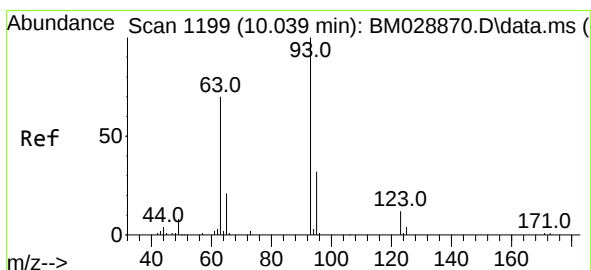
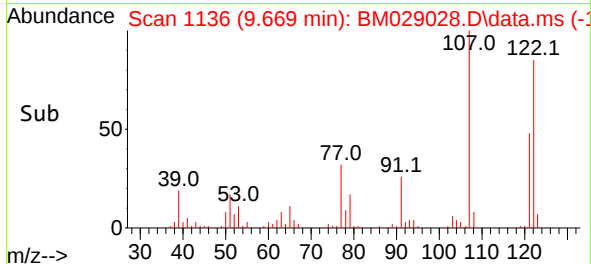
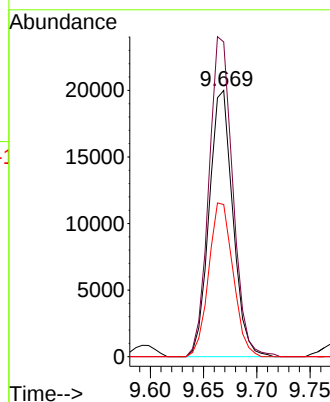
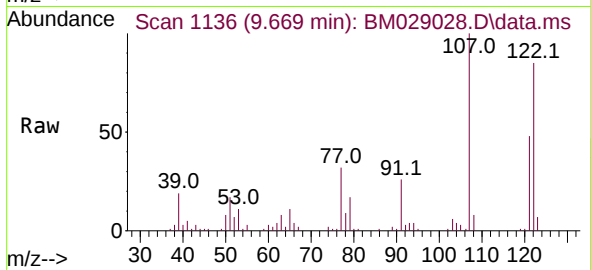




#27
2,4-Dimethylphenol
Concen: 50.82 ng
RT: 9.669 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

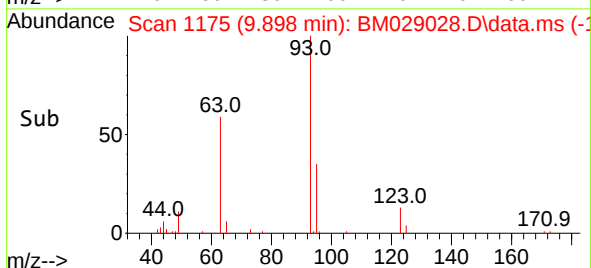
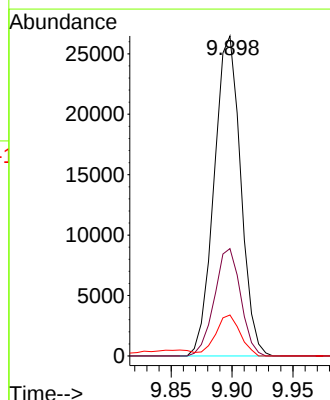
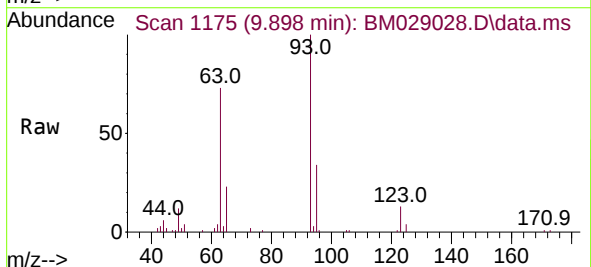
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

Tgt Ion:122 Resp: 31029
Ion Ratio Lower Upper
122 100
107 118.2 106.6 159.8
121 57.2 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 50.70 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion: 93 Resp: 40158
Ion Ratio Lower Upper
93 100
95 33.6 26.5 39.7
123 12.8 8.6 12.8

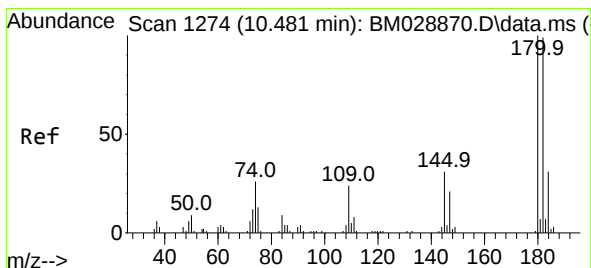
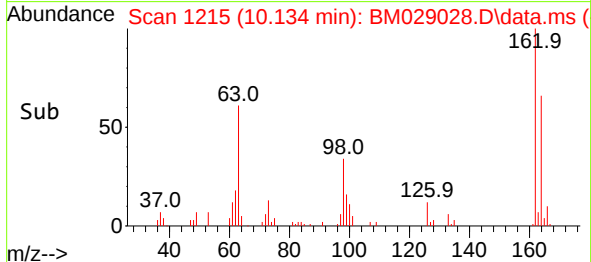
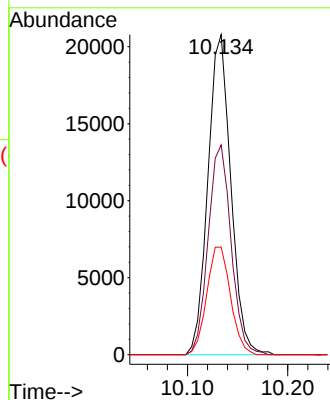
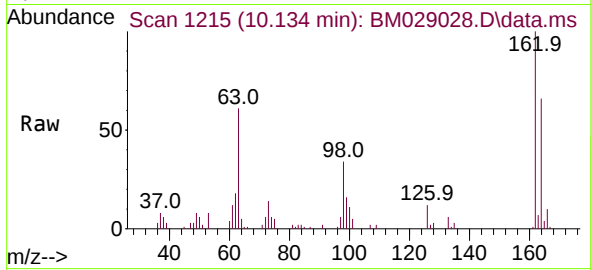




#29
2,4-Dichlorophenol
Concen: 47.37 ng
RT: 10.134 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

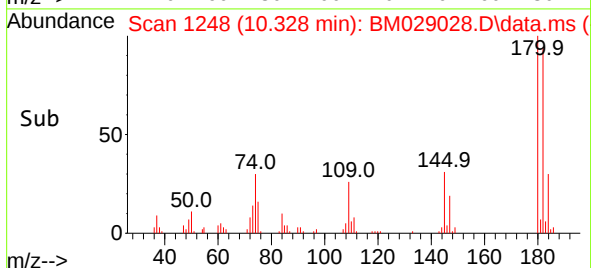
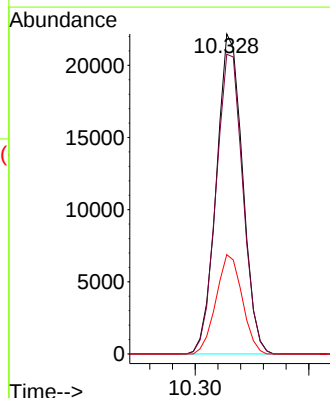
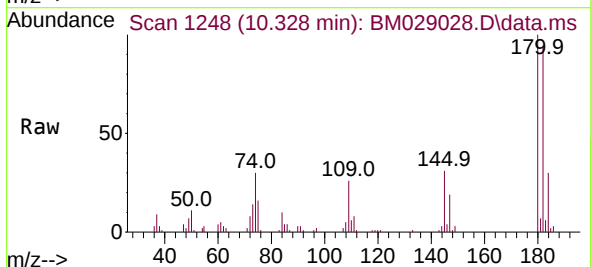
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

Tgt Ion:162 Resp: 33091
Ion Ratio Lower Upper
162 100
164 65.5 43.2 83.2
98 33.6 15.7 55.7



#30
1,2,4-Trichlorobenzene
Concen: 46.27 ng
RT: 10.328 min Scan# 1248
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

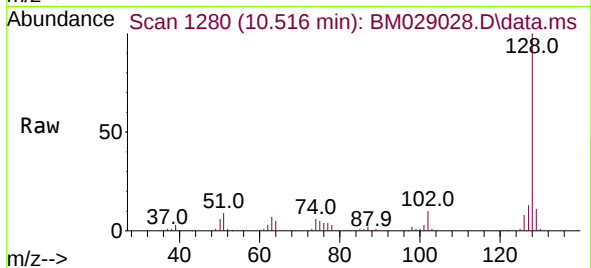
Tgt Ion:180 Resp: 35437
Ion Ratio Lower Upper
180 100
182 93.7 77.7 116.5
145 31.1 23.4 35.0



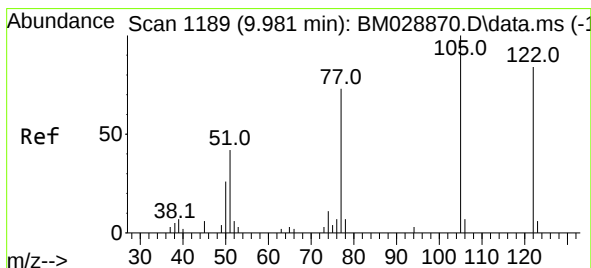
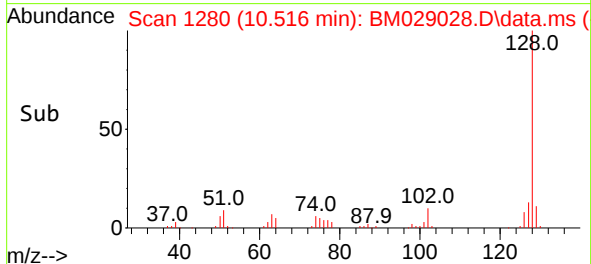
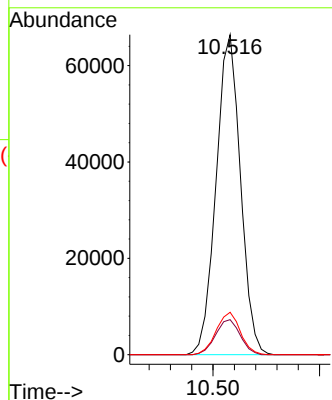


#31
Naphthalene
Concen: 44.72 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

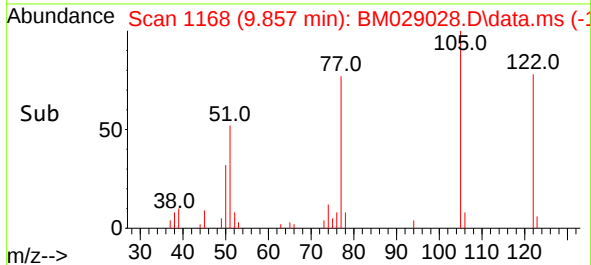
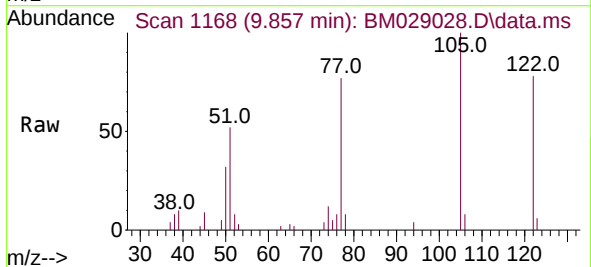
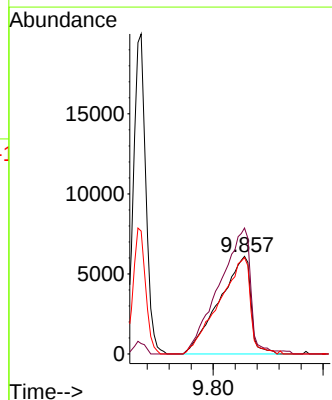


Tgt Ion:128 Resp: 105383
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 55.51 ng
RT: 9.857 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

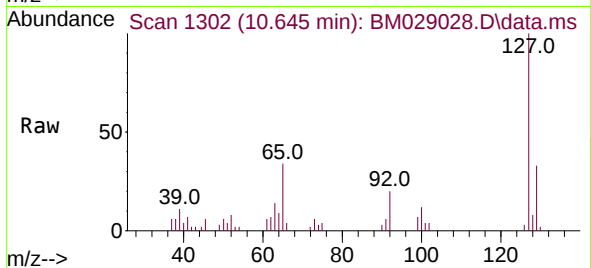
Tgt Ion:122 Resp: 24291
Ion Ratio Lower Upper
122 100
105 129.0 114.0 154.0
77 98.9 101.8 141.8#



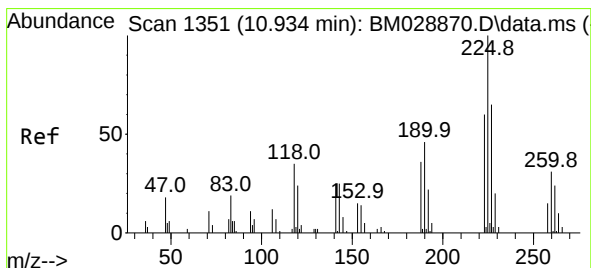
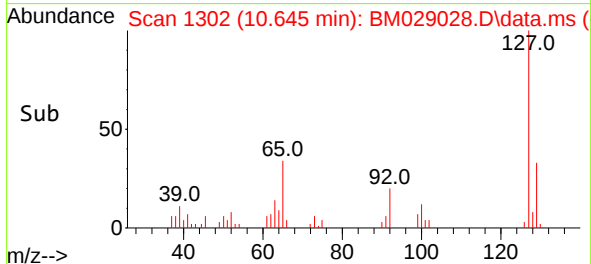
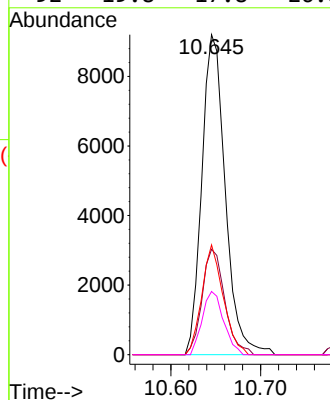


#33
4-Chloroaniline
Concen: 17.63 ng
RT: 10.645 min Scan# 1302
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

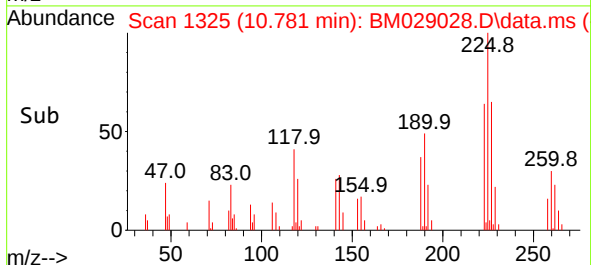
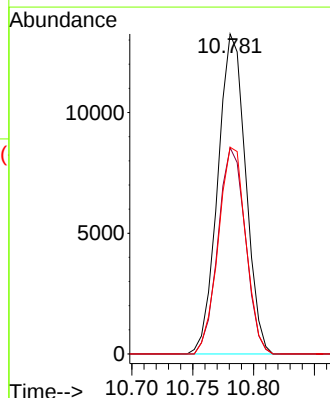
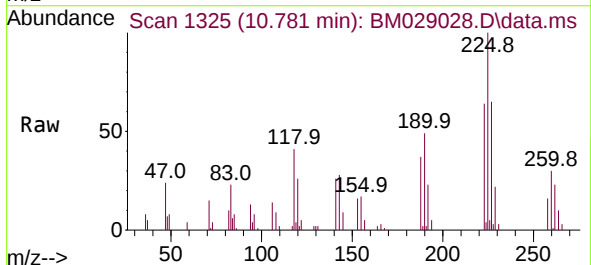


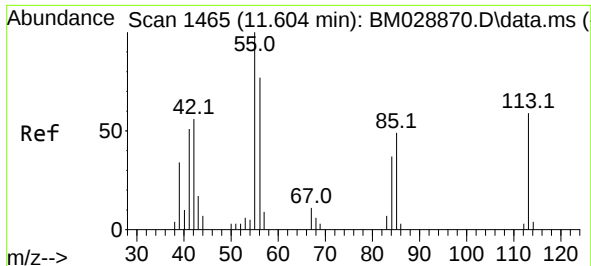
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.7	37.1
65	34.3	30.2	45.4
92	19.8	17.8	26.8



#34
Hexachlorobutadiene
Concen: 45.86 ng
RT: 10.781 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.0	76.4
227	64.6	50.6	75.8

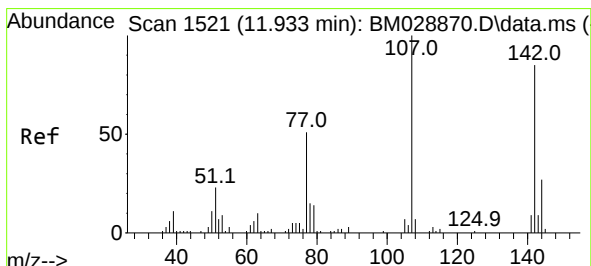
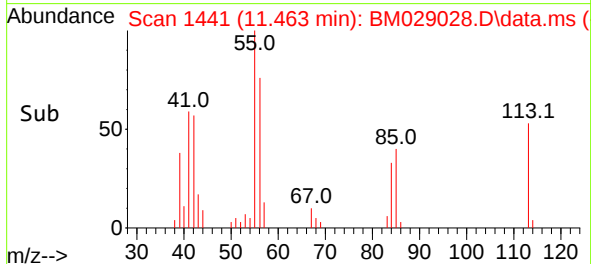
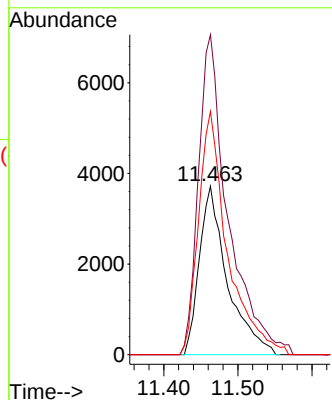
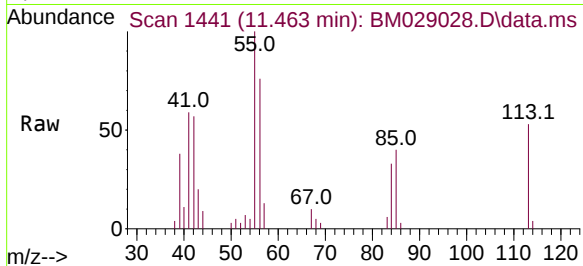




#35
Caprolactam
Concen: 51.16 ng
RT: 11.463 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

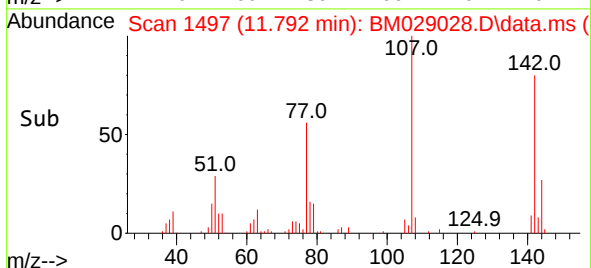
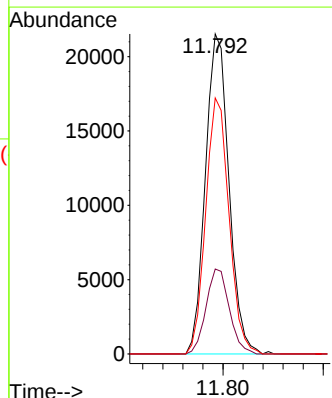
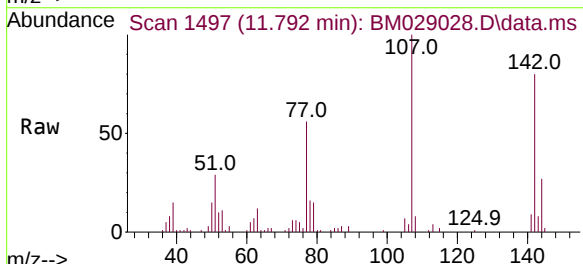
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

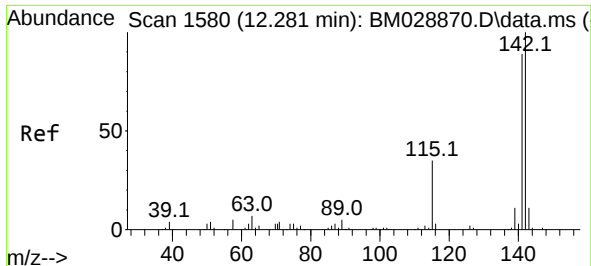
Tgt Ion:113 Resp: 9776
Ion Ratio Lower Upper
113 100
55 189.9 103.2 143.2#
56 144.3 84.2 124.2#



#36
4-Chloro-3-methylphenol
Concen: 49.93 ng
RT: 11.792 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:107 Resp: 35147
Ion Ratio Lower Upper
107 100
144 26.5 20.1 30.1
142 80.0 60.3 90.5

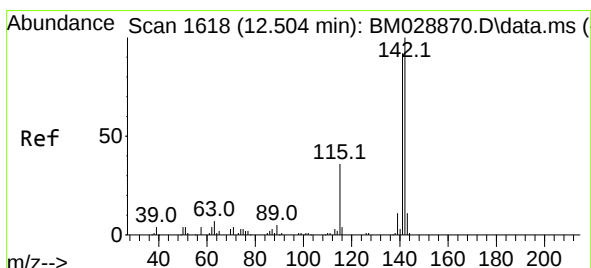
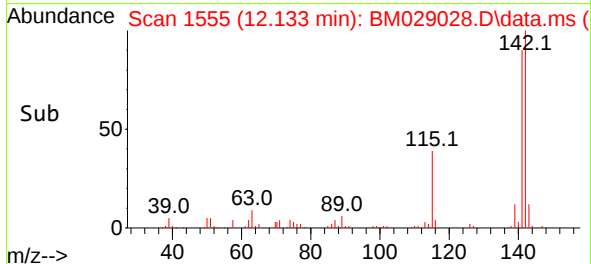
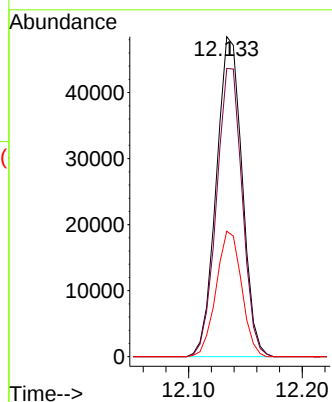
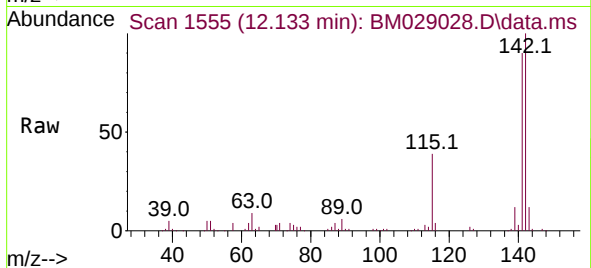




#37
2-Methylnaphthalene
Concen: 46.24 ng
RT: 12.133 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

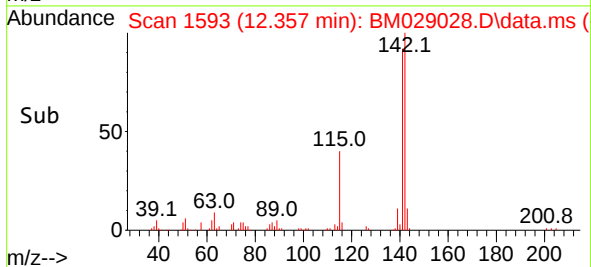
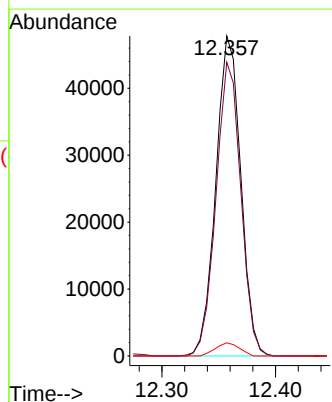
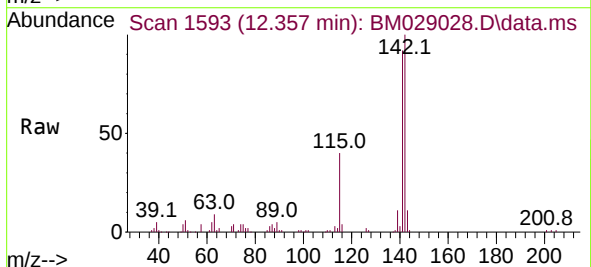
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

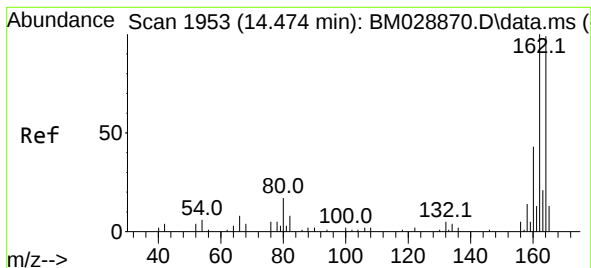
Tgt Ion:142 Resp: 76668
Ion Ratio Lower Upper
142 100
141 90.0 70.3 105.5
115 39.2 32.2 48.4



#38
1-Methylnaphthalene
Concen: 46.36 ng
RT: 12.357 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

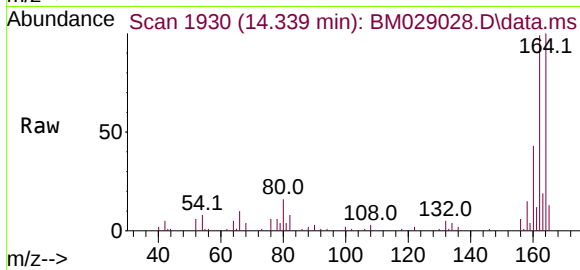
Tgt Ion:142 Resp: 72807
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6
116 4.1 3.5 5.3



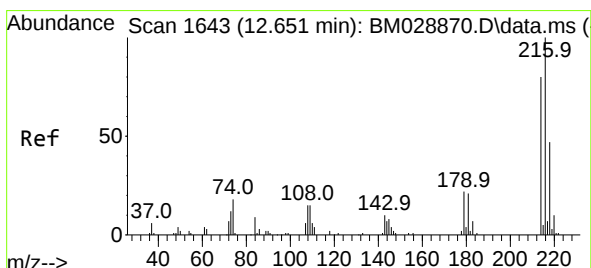
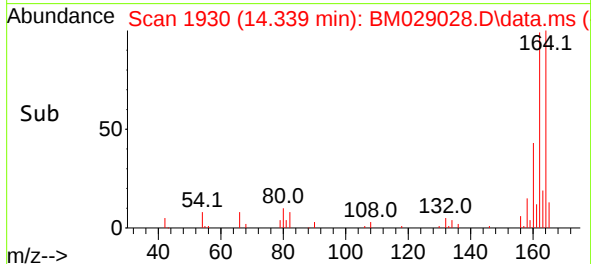
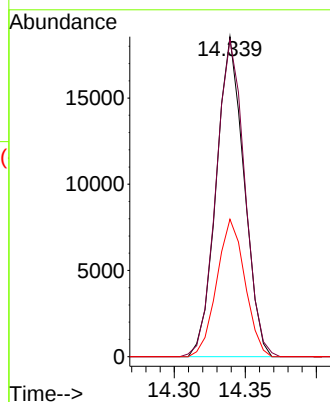


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

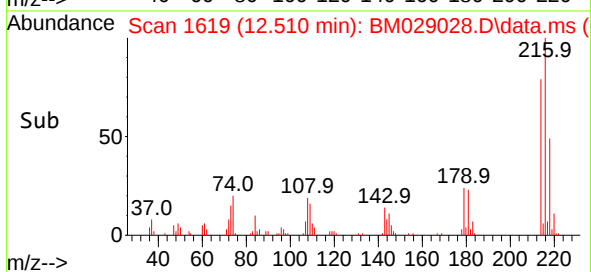
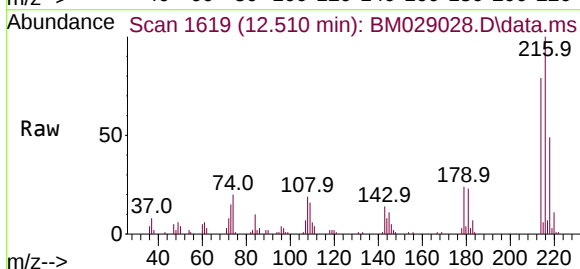
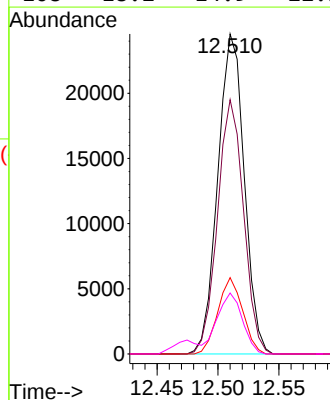


Tgt Ion:164 Resp: 25135
Ion Ratio Lower Upper
164 100
162 99.0 80.4 120.6
160 43.0 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.17 ng
RT: 12.510 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

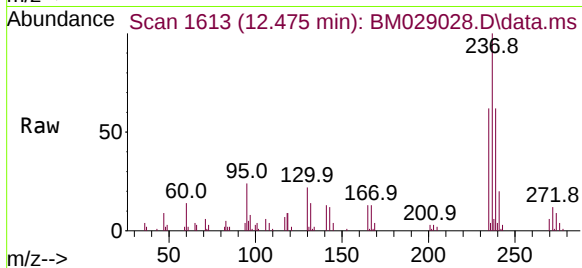
Tgt Ion:216 Resp: 37071
Ion Ratio Lower Upper
216 100
214 78.2 62.1 93.1
179 22.3 17.2 25.8
108 18.2 14.9 22.3



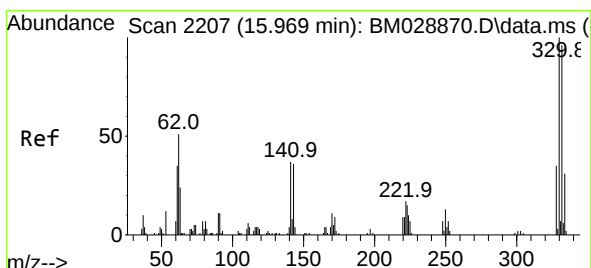
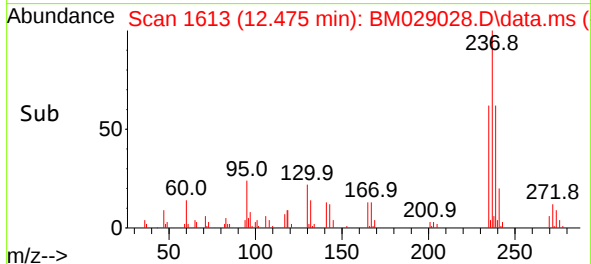
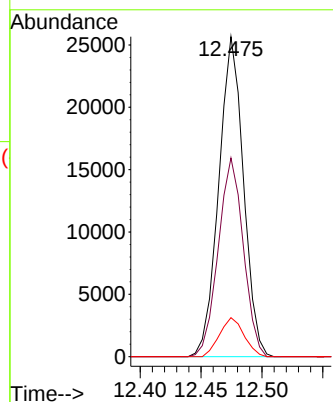


#41
Hexachlorocyclopentadiene
Concen: 120.85 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

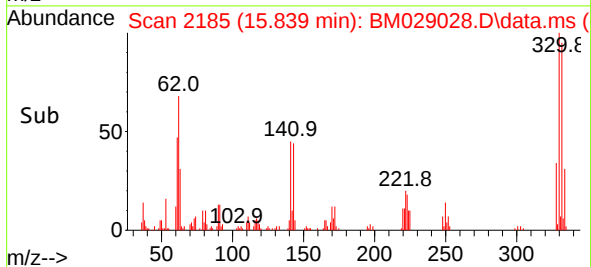
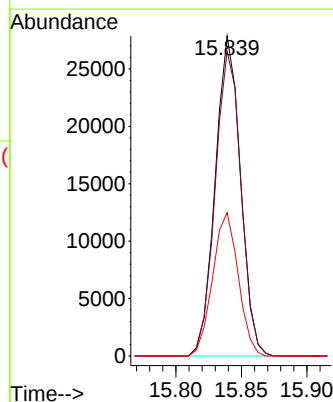
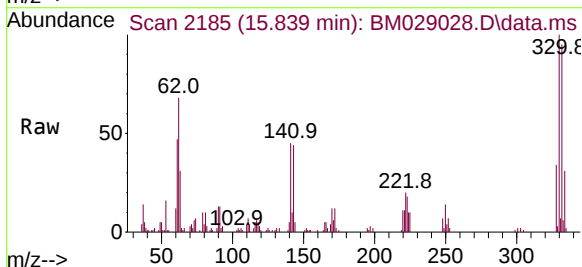


Tgt Ion:237 Resp: 36203
Ion Ratio Lower Upper
237 100
235 62.1 43.1 83.1
272 12.2 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 125.09 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:330 Resp: 37263
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 45.4 28.4 42.6#

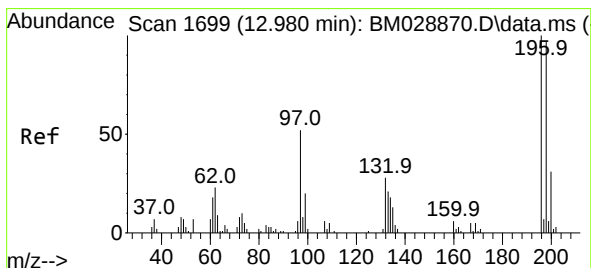
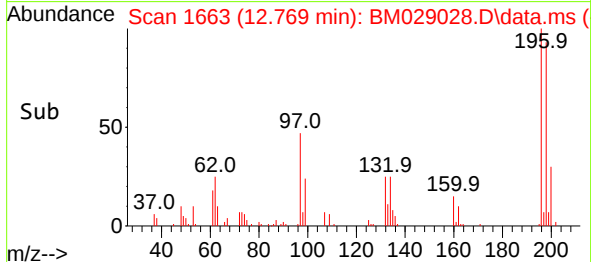
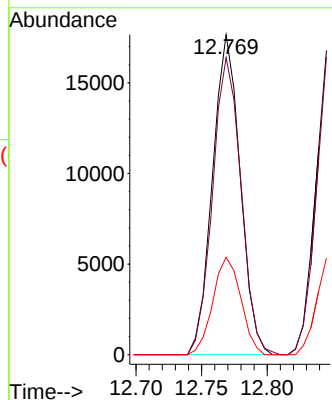
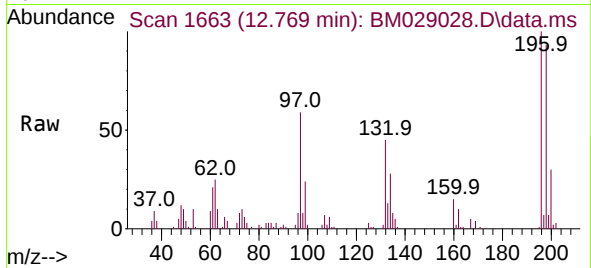




#43
2,4,6-Trichlorophenol
Concen: 46.97 ng
RT: 12.769 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

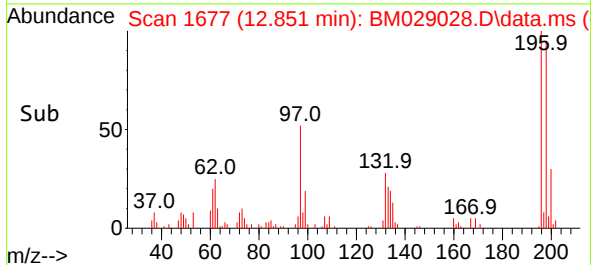
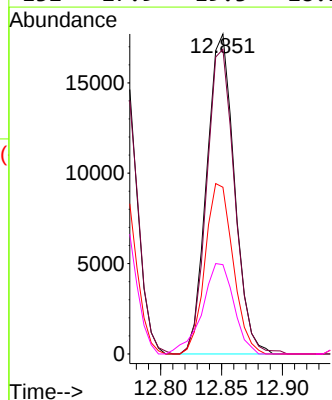
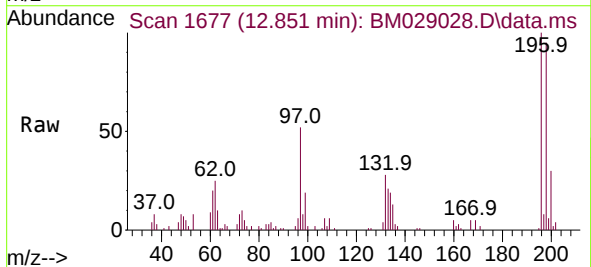
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

Tgt Ion:196 Resp: 25875
Ion Ratio Lower Upper
196 100
198 92.8 74.9 112.3
200 30.4 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 47.35 ng
RT: 12.851 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:196 Resp: 27996
Ion Ratio Lower Upper
196 100
198 95.2 79.0 118.6
97 52.1 40.5 60.7
132 27.9 19.3 28.9

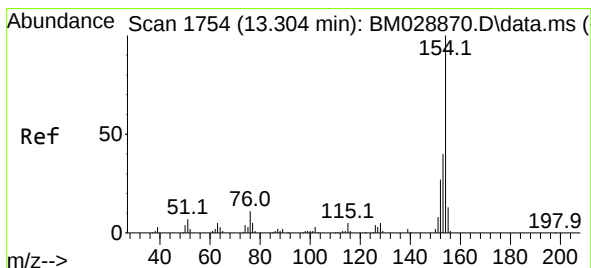
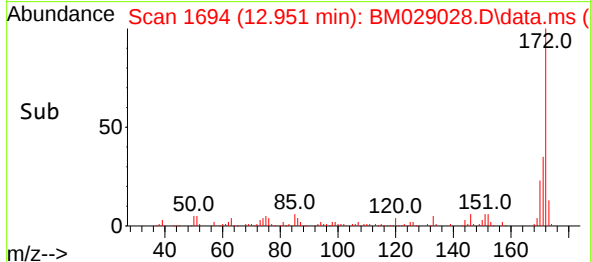
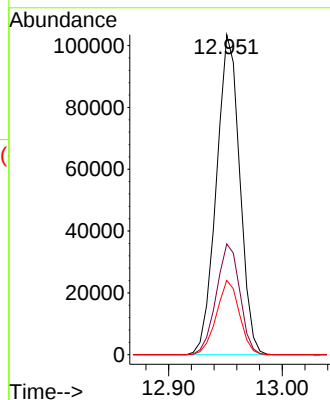
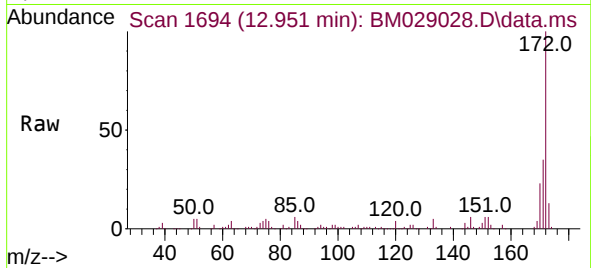




#45
2-Fluorobiphenyl
Concen: 78.42 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

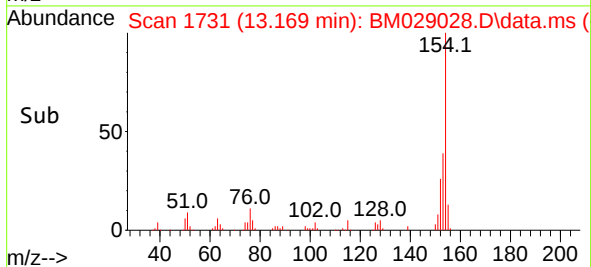
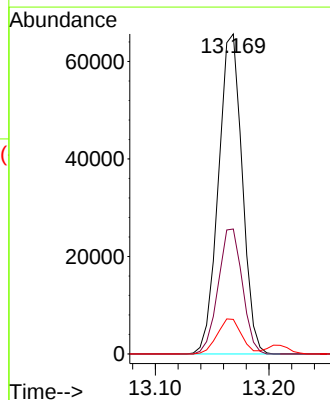
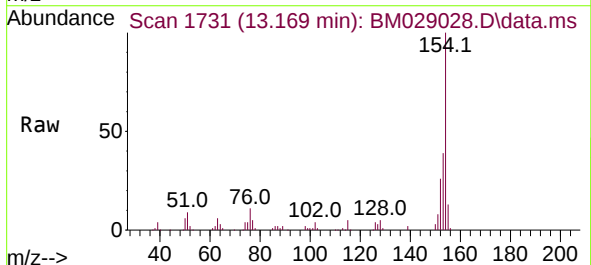
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

Tgt Ion:172 Resp: 148053
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 47.35 ng
RT: 13.169 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

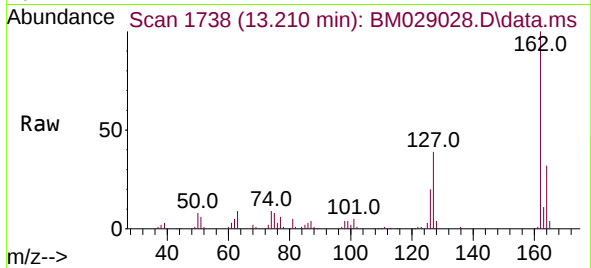
Tgt Ion:154 Resp: 95448
Ion Ratio Lower Upper
154 100
153 39.0 20.0 60.0
76 10.8 0.0 32.0



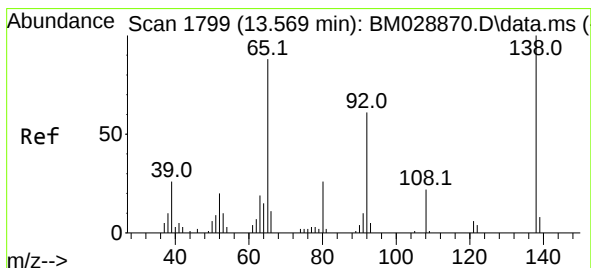
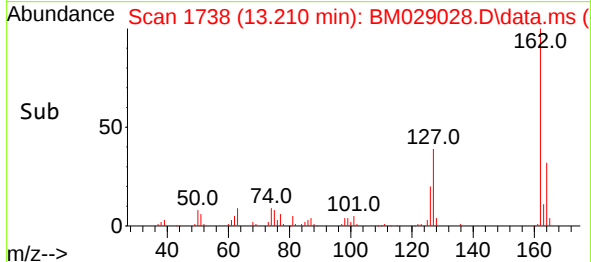
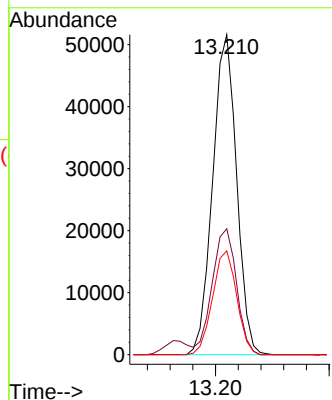


#47
2-Chloronaphthalene
Concen: 45.81 ng
RT: 13.210 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

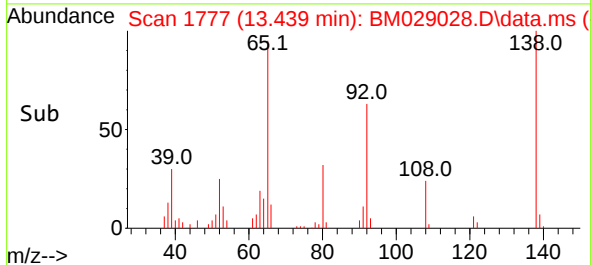
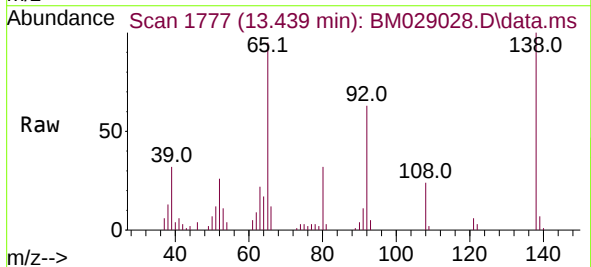
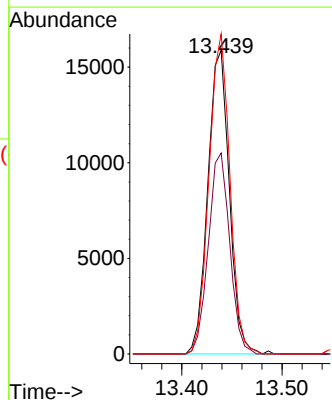


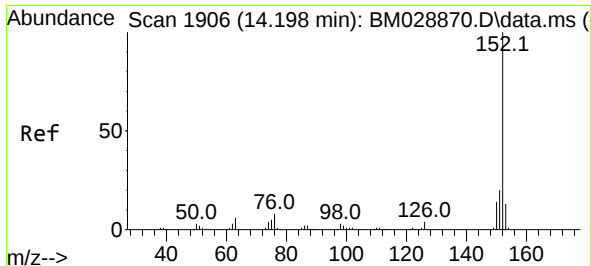
Tgt Ion:162 Resp: 75388
Ion Ratio Lower Upper
162 100
127 39.3 29.6 44.4
164 32.4 26.2 39.4



#48
2-Nitroaniline
Concen: 53.61 ng
RT: 13.439 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

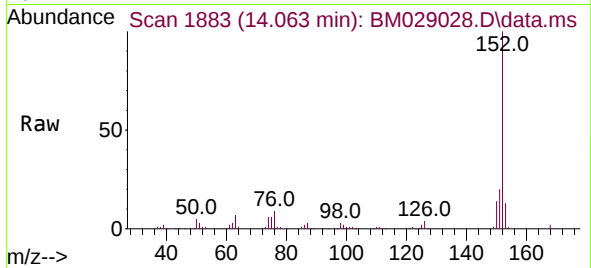
Tgt Ion: 65 Resp: 23726
Ion Ratio Lower Upper
65 100
92 66.2 51.5 77.3
138 105.4 72.7 109.1



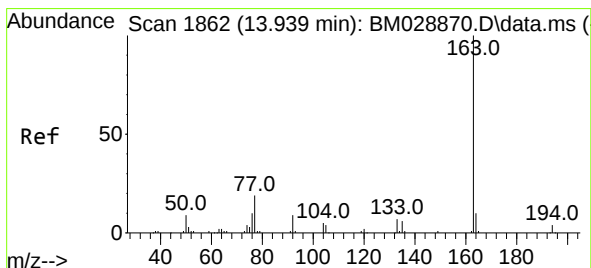
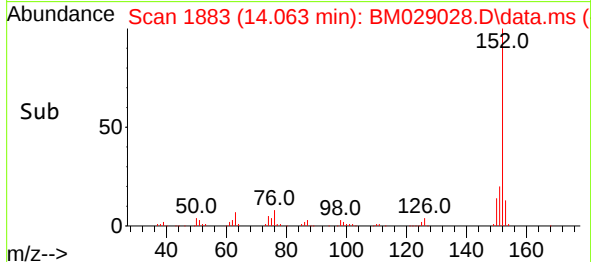
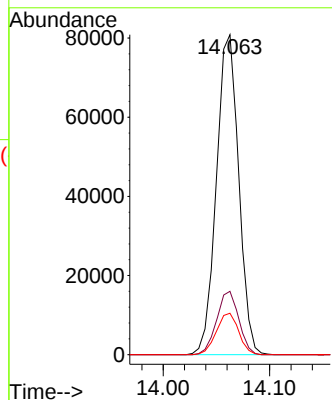


#49
Acenaphthylene
Concen: 46.46 ng
RT: 14.063 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

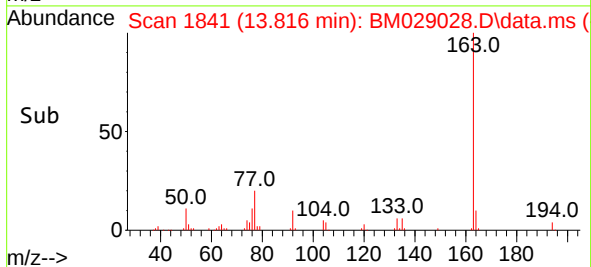
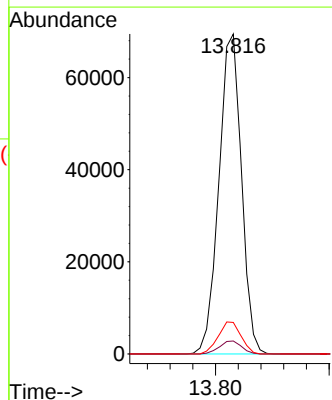
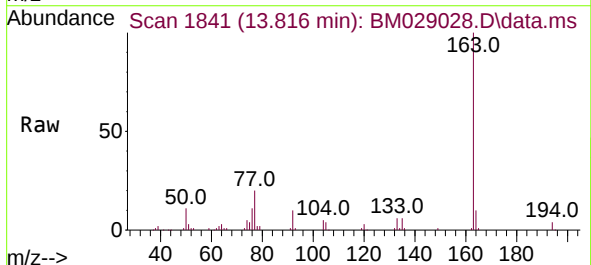


Tgt Ion:152 Resp: 117411
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 50.28 ng
RT: 13.816 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:163 Resp: 95771
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.9 8.1 12.1

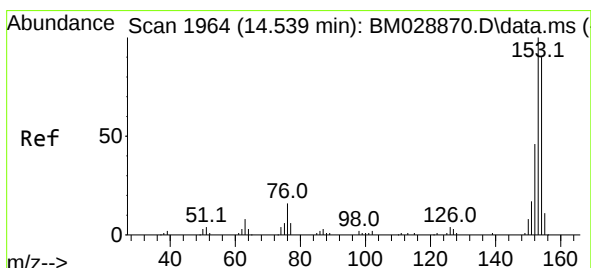
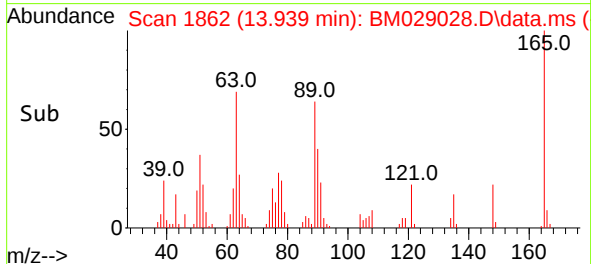
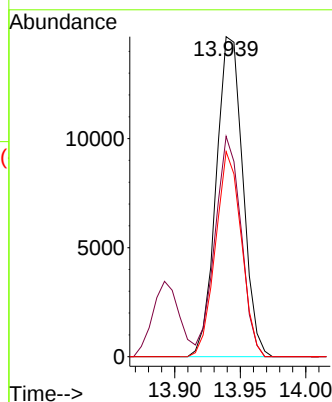
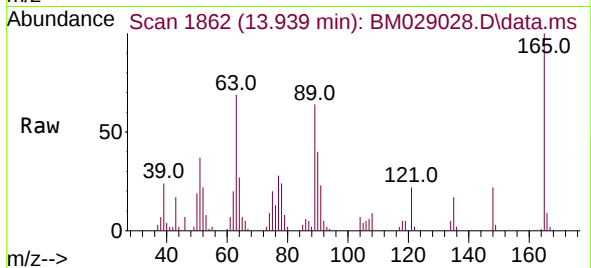




#51
2,6-Dinitrotoluene
Concen: 46.75 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

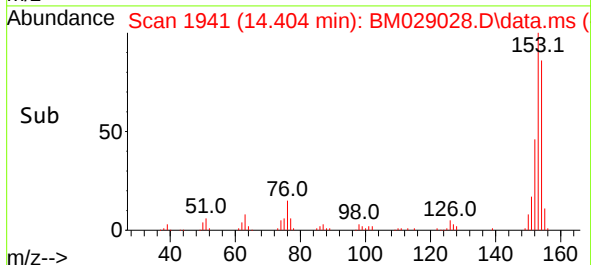
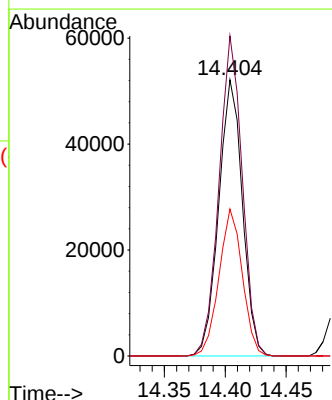
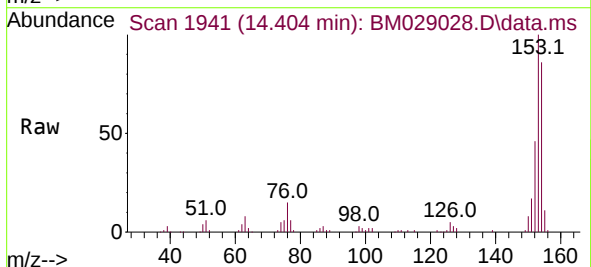
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

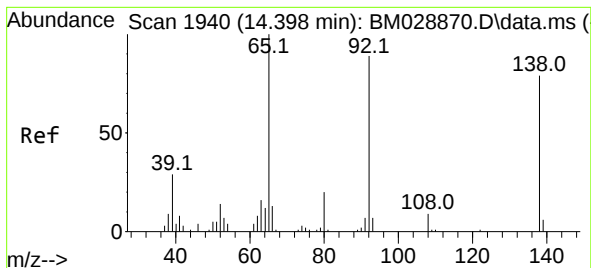
Tgt Ion:165 Resp: 20763
Ion Ratio Lower Upper
165 100
63 68.9 51.1 76.7
89 64.1 53.3 79.9



#52
Acenaphthene
Concen: 45.56 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:154 Resp: 70614
Ion Ratio Lower Upper
154 100
153 115.8 88.3 132.5
152 53.2 41.4 62.2

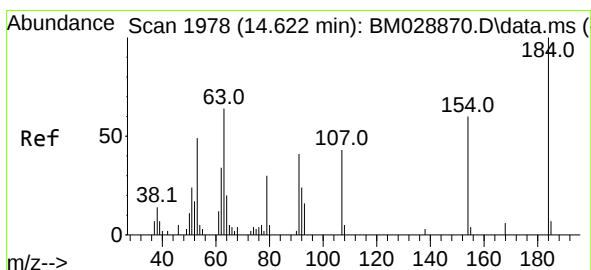
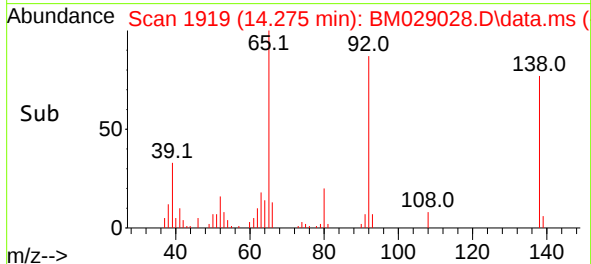
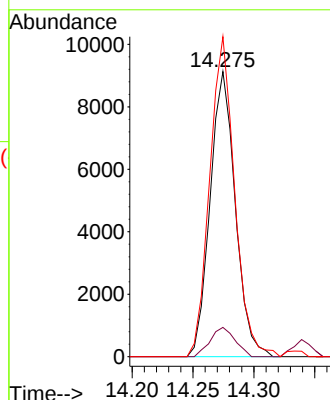
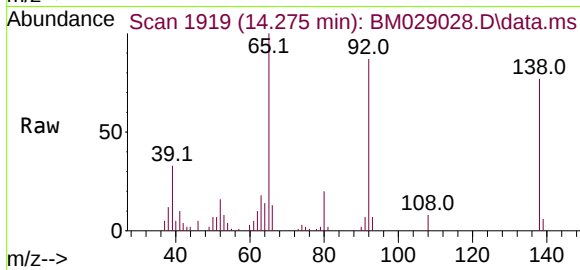




#53
3-Nitroaniline
Concen: 30.38 ng
RT: 14.275 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

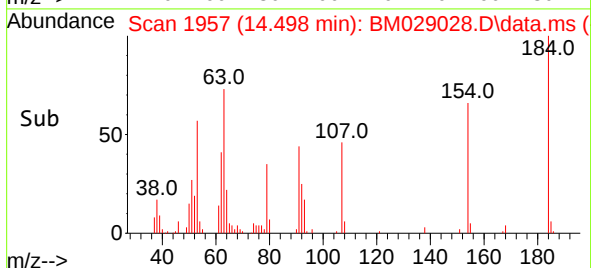
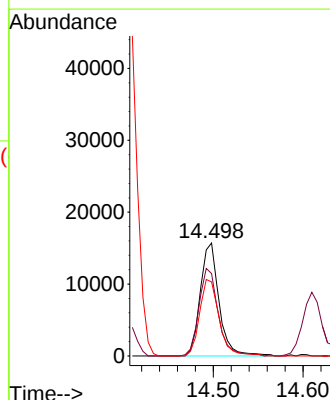
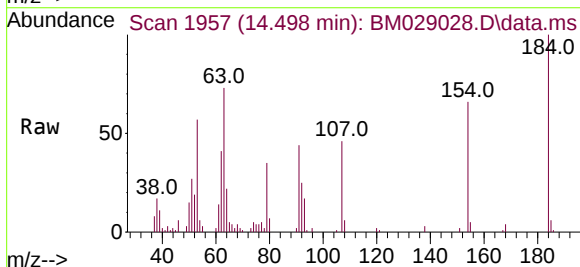
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

Tgt Ion:	138	Resp:	13147
Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	13.0
92	112.2	102.1	153.1



#54
2,4-Dinitrophenol
Concen: 100.18 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

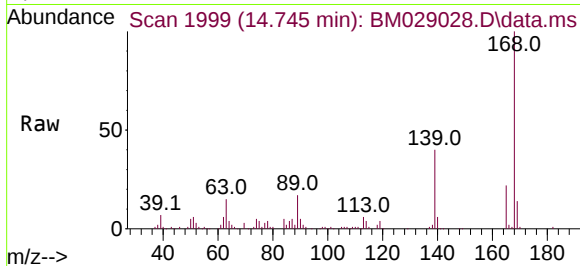
Tgt Ion:	184	Resp:	22757
Ion	Ratio	Lower	Upper
184	100		
63	73.0	60.2	90.2
154	65.6	52.9	79.3



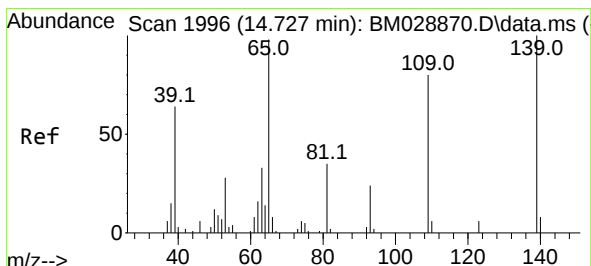
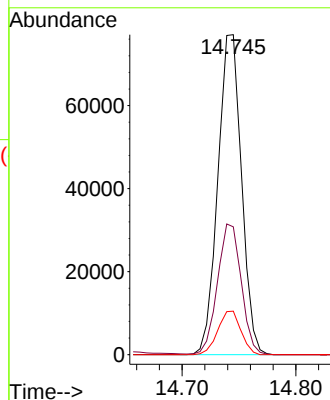
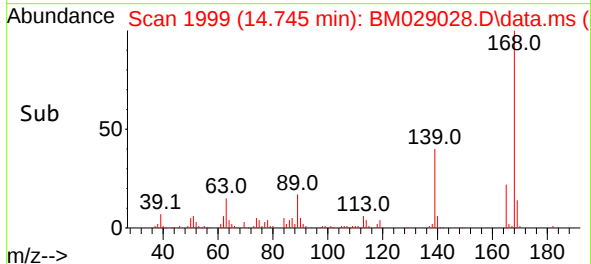


#55
Dibenzofuran
Concen: 45.92 ng
RT: 14.745 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

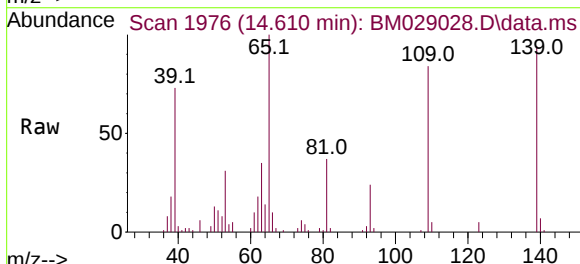
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD



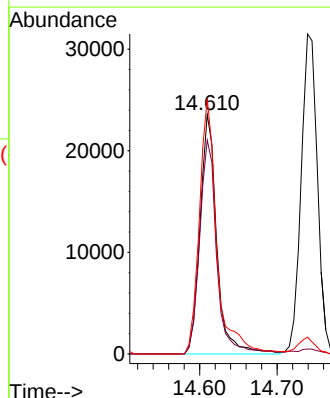
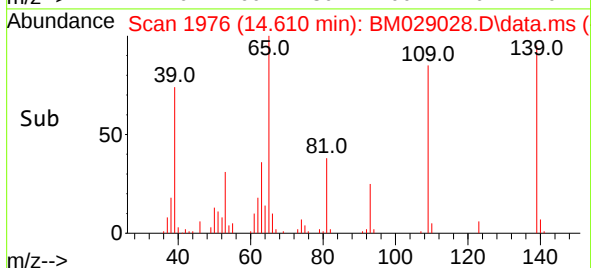
Tgt Ion:168 Resp: 111745
Ion Ratio Lower Upper
168 100
139 40.0 30.2 45.4
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 99.78 ng
RT: 14.610 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45



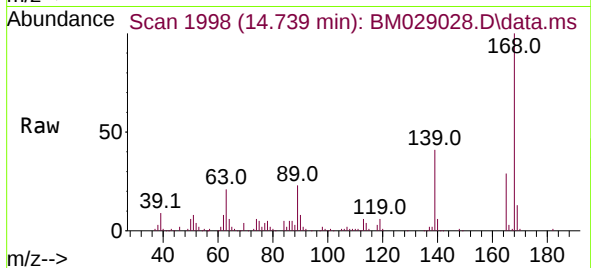
Tgt Ion:139 Resp: 35418
Ion Ratio Lower Upper
139 100
109 89.3 77.0 117.0
65 106.5 103.4 143.4



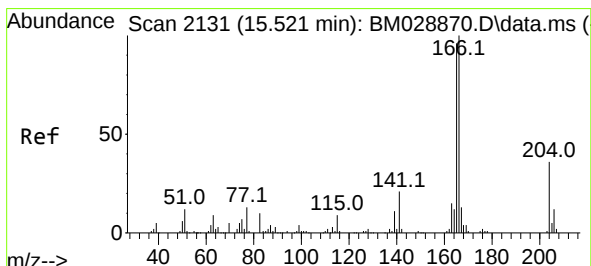
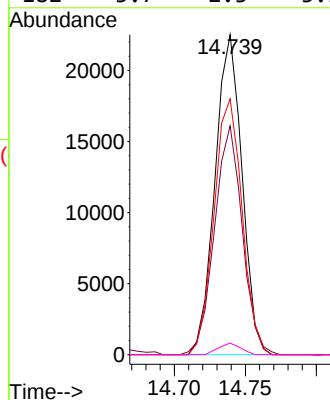
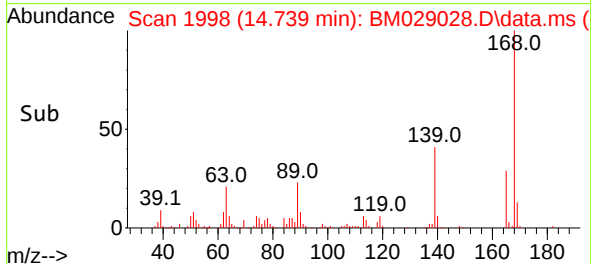


#57
2,4-Dinitrotoluene
Concen: 51.22 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

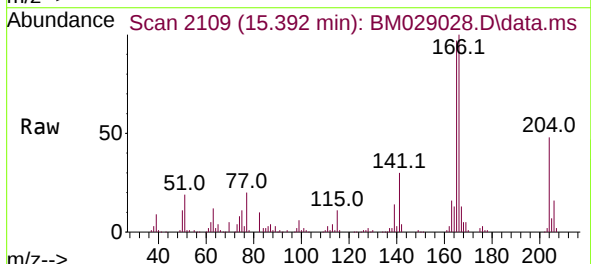
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD



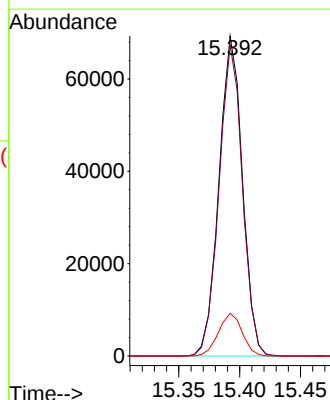
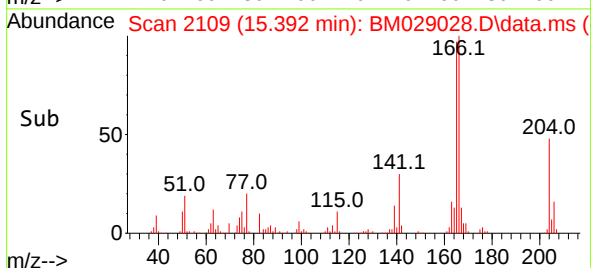
Tgt Ion:165 Resp: 29713
Ion Ratio Lower Upper
165 100
63 71.5 38.8 58.2#
89 79.9 62.6 94.0
182 3.7 2.3 3.5#



#58
Fluorene
Concen: 47.64 ng
RT: 15.392 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45



Tgt Ion:166 Resp: 92905
Ion Ratio Lower Upper
166 100
165 97.2 76.2 114.2
167 13.4 10.7 16.1

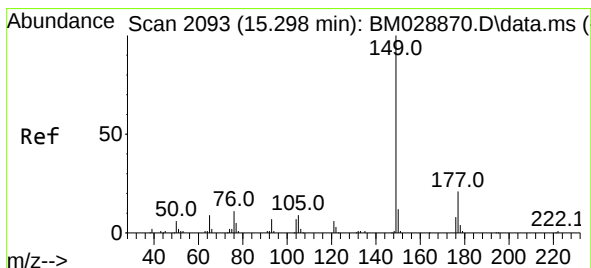
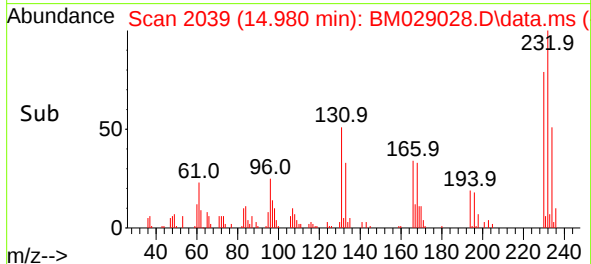
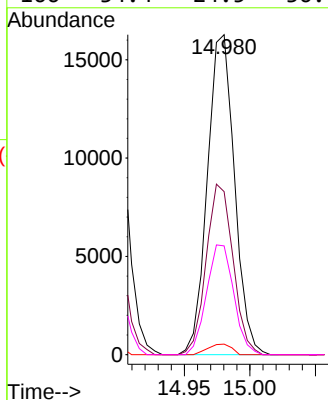
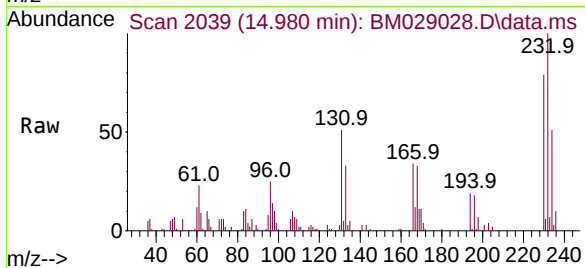




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.24 ng
RT: 14.980 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

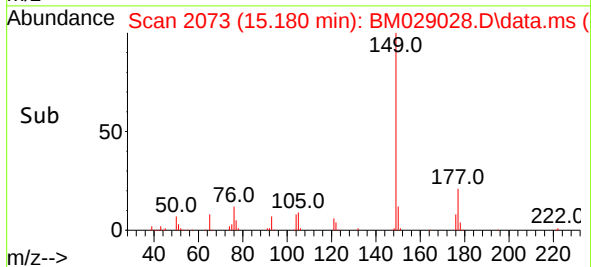
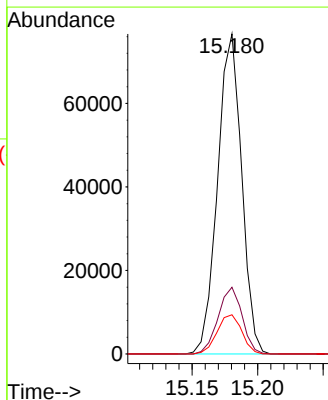
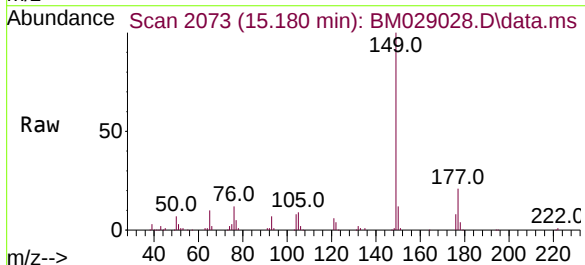
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

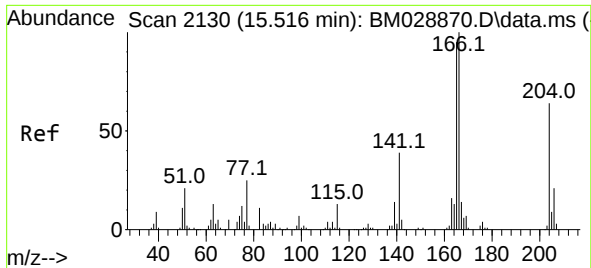
Tgt Ion:232 Resp: 23398
Ion Ratio Lower Upper
232 100
131 52.8 32.2 48.2#
130 2.9 1.8 2.8#
166 34.4 24.5 36.7



#60
Diethylphthalate
Concen: 50.94 ng
RT: 15.180 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:149 Resp: 97615
Ion Ratio Lower Upper
149 100
177 20.9 18.2 27.4
150 12.2 10.2 15.4

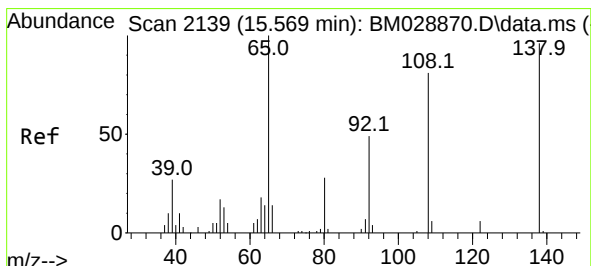
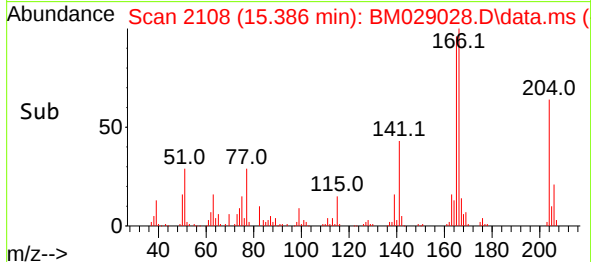
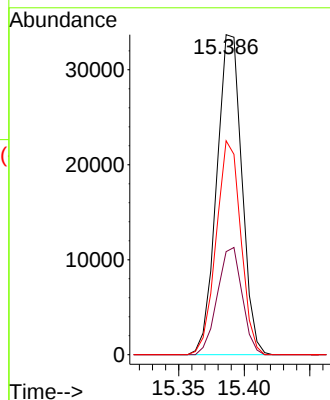
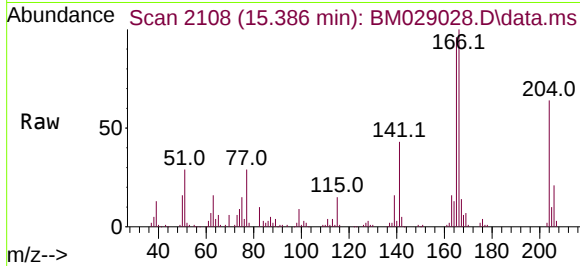




#61
4-Chlorophenyl-phenylether
Concen: 48.29 ng
RT: 15.386 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

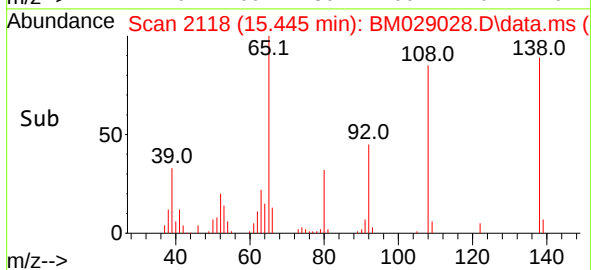
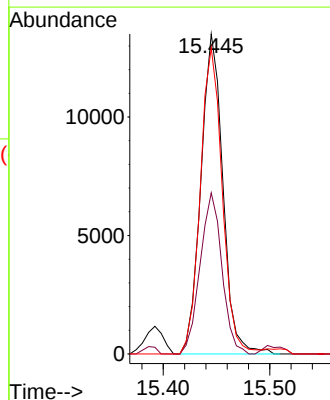
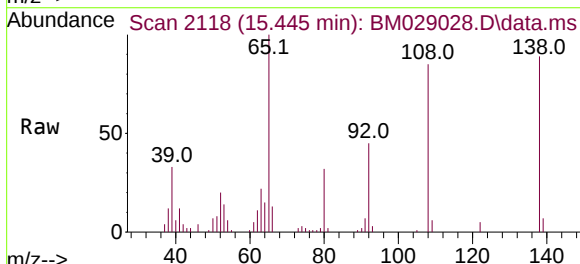
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

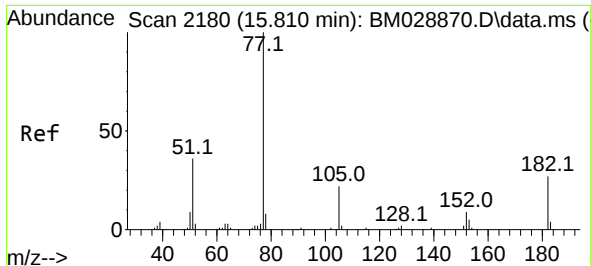
Tgt Ion:204 Resp: 44940
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 66.8 43.7 65.5#



#62
4-Nitroaniline
Concen: 46.32 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:138 Resp: 19377
Ion Ratio Lower Upper
138 100
92 50.4 35.5 75.5
108 95.7 80.5 120.5

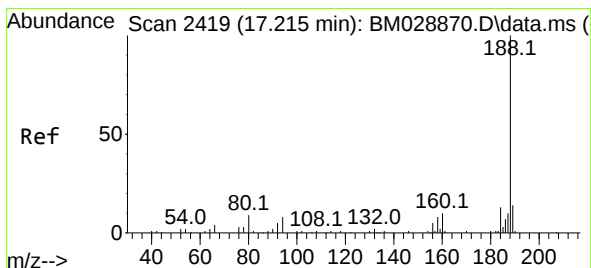
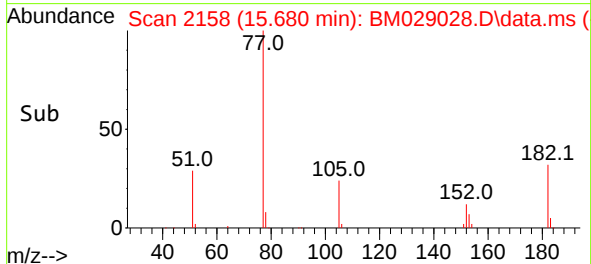
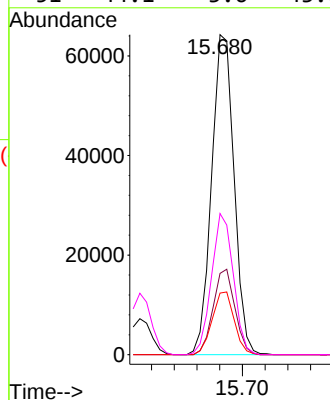
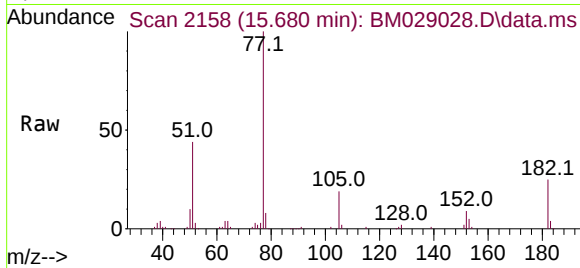




#63
Azobenzene
Concen: 49.93 ng
RT: 15.680 min Scan# 2158
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

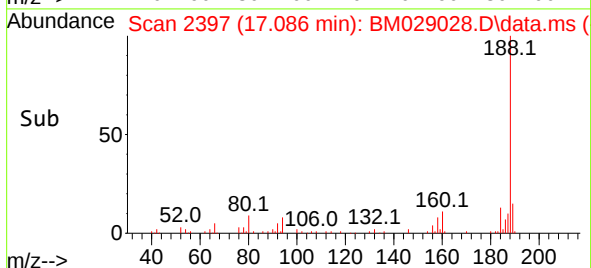
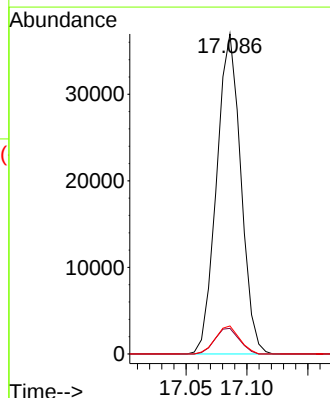
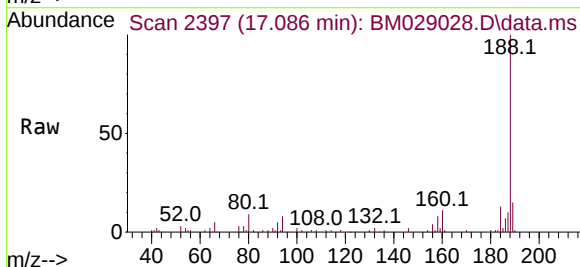
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

Tgt Ion: 77	Resp: 88298
Ion Ratio	Lower Upper
77 100	
182 25.4	5.8 45.8
105 19.3	0.0 37.2
51 44.1	3.6 43.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2397
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion: 188	Resp: 51232
Ion Ratio	Lower Upper
188 100	
94 8.0	6.2 9.4
80 8.8	7.5 11.3

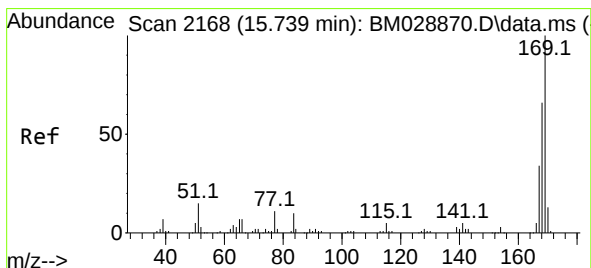
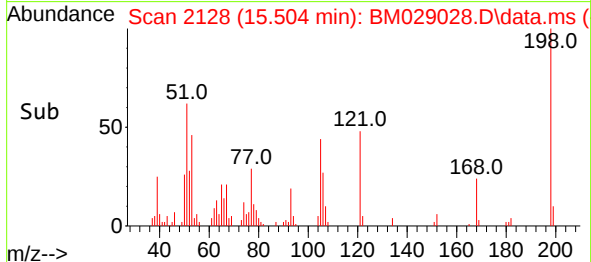
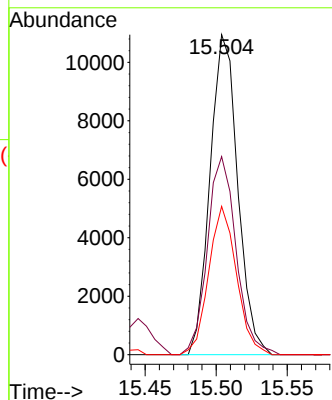
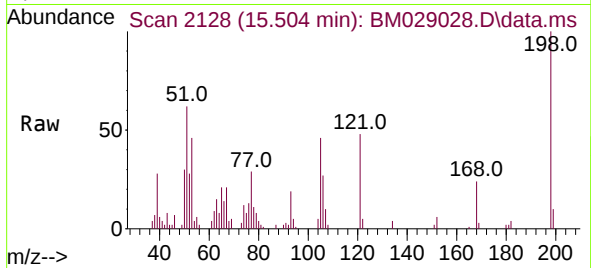




#65
4,6-Dinitro-2-methylphenol
Concen: 41.20 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

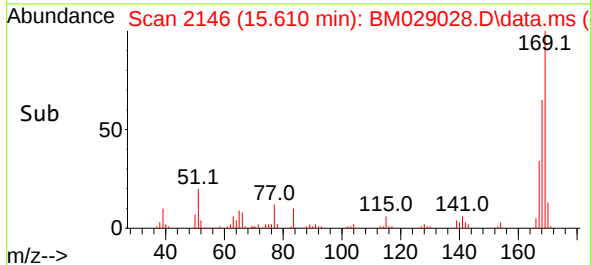
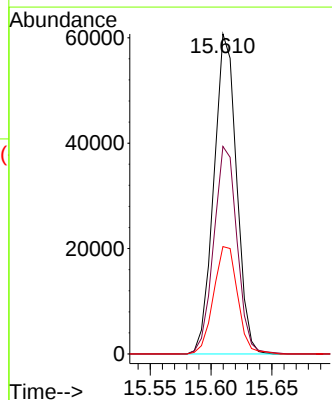
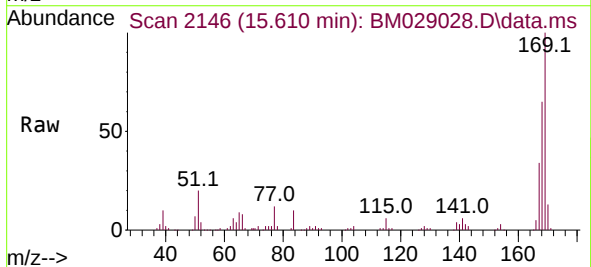
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

Tgt Ion:198 Resp: 14864
Ion Ratio Lower Upper
198 100
51 61.9 13.0 53.0#
105 46.4 18.7 58.7



#66
n-Nitrosodiphenylamine
Concen: 44.90 ng
RT: 15.610 min Scan# 2146
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:169 Resp: 78686
Ion Ratio Lower Upper
169 100
168 64.9 53.8 80.8
167 33.5 29.0 43.4

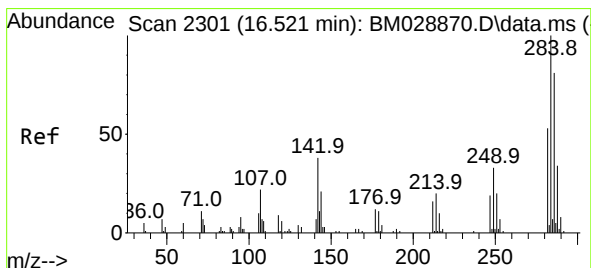
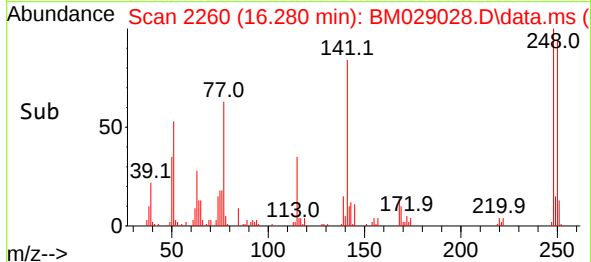
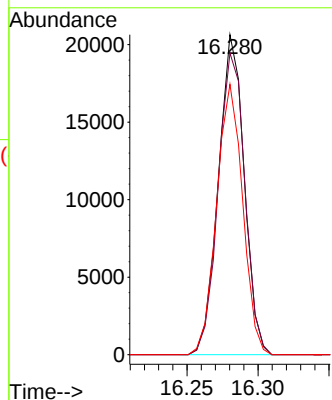
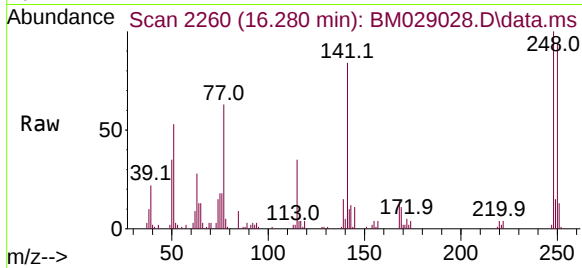




#67
4-Bromophenyl-phenylether
Concen: 45.28 ng
RT: 16.280 min Scan# 2260
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

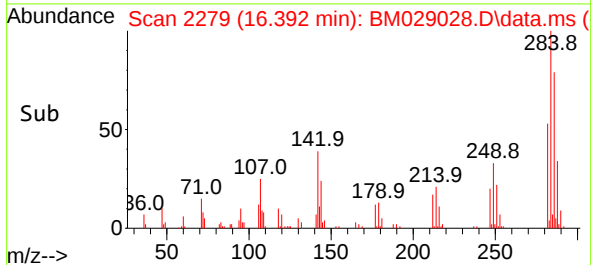
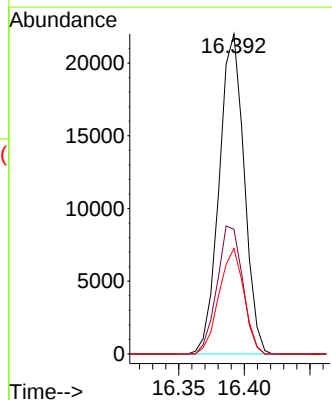
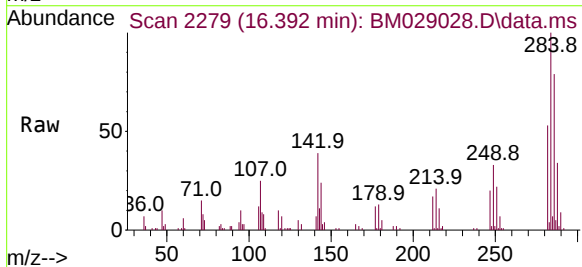
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

Tgt Ion:248 Resp: 26029
Ion Ratio Lower Upper
248 100
250 94.3 79.1 118.7
141 84.5 51.8 77.8#



#68
Hexachlorobenzene
Concen: 45.44 ng
RT: 16.392 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:284 Resp: 29111
Ion Ratio Lower Upper
284 100
142 39.0 26.1 39.1
249 35.5 25.6 38.4





#69

Atrazine

Concen: 41.99 ng

RT: 16.568 min Scan# 2309

Delta R.T. -0.006 min

Lab File: BM029028.D

Acq: 08 Mar 2021 20:45

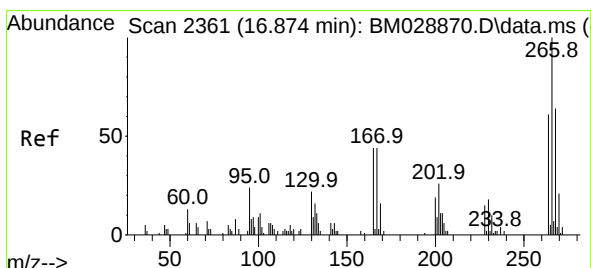
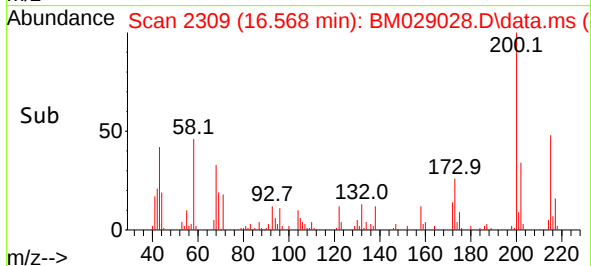
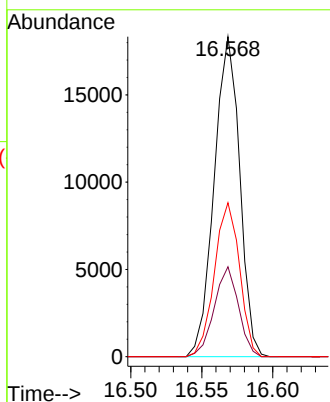
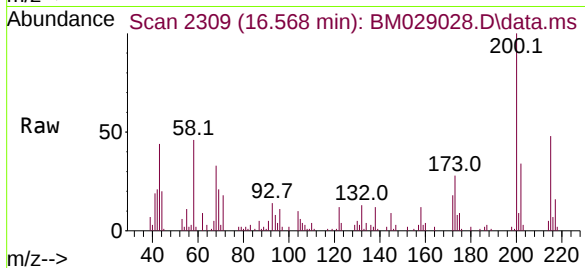
Tgt Ion:200	Resp:	22896
Ion Ratio	Lower	Upper
200	100	
173	28.1	4.9 44.9
215	48.1	29.0 69.0

Instrument :

BNA_M

ClientSampleId :

72-11939-VNJ-229MSD



#70

Pentachlorophenol

Concen: 106.32 ng

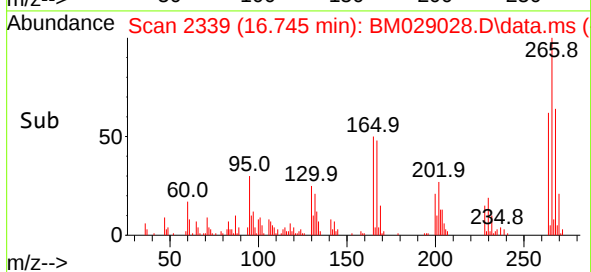
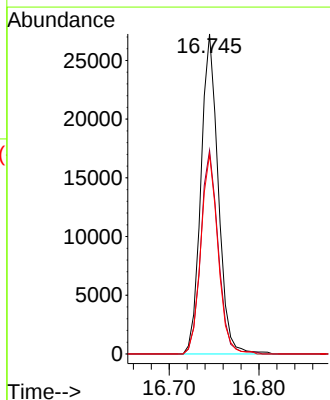
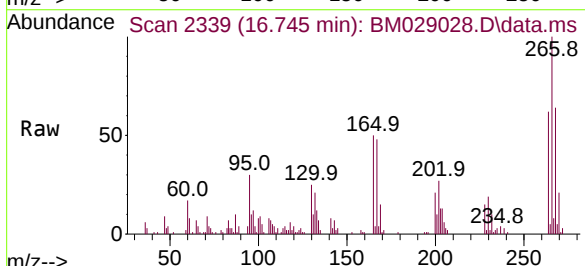
RT: 16.745 min Scan# 2339

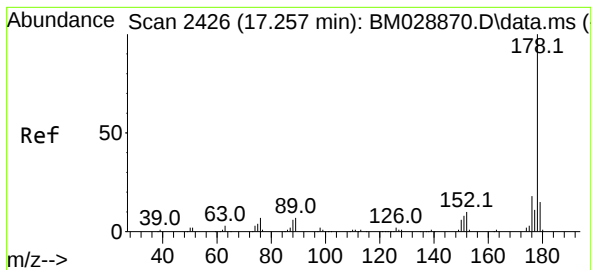
Delta R.T. -0.012 min

Lab File: BM029028.D

Acq: 08 Mar 2021 20:45

Tgt Ion:266	Resp:	36433
Ion Ratio	Lower	Upper
266	100	
268	63.7	49.9 74.9
264	62.4	50.6 76.0

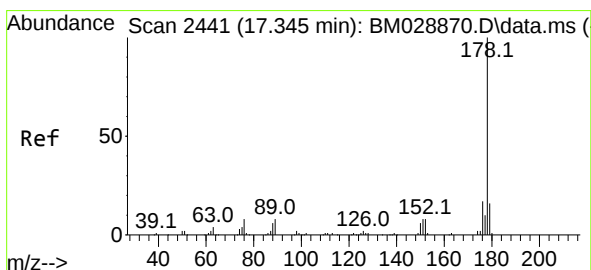
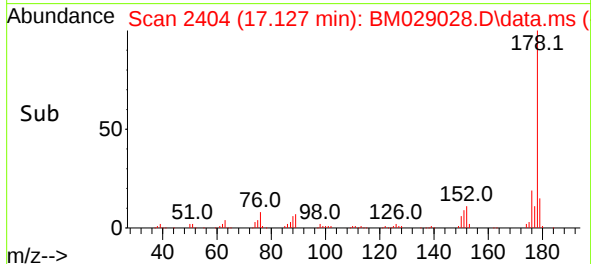
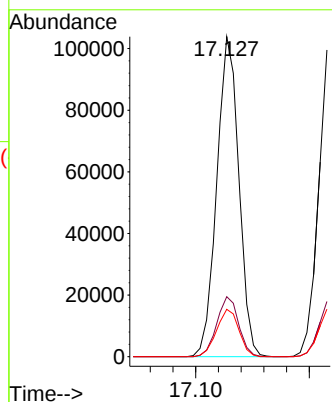
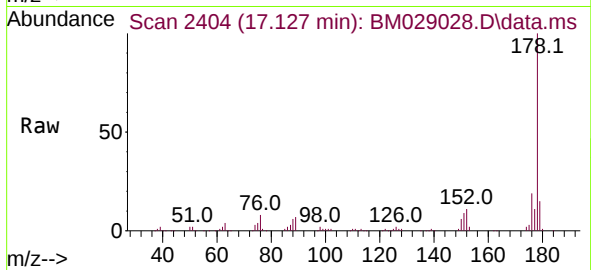




#71
Phenanthrene
Concen: 45.93 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

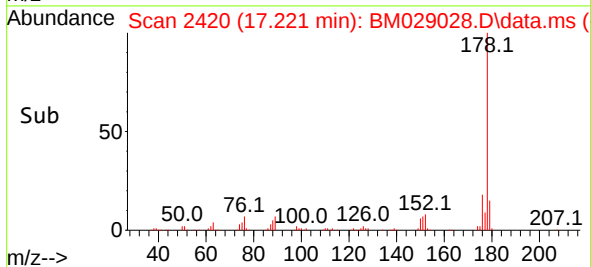
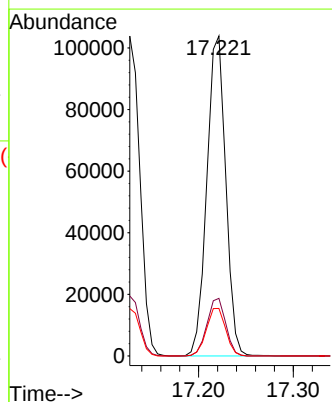
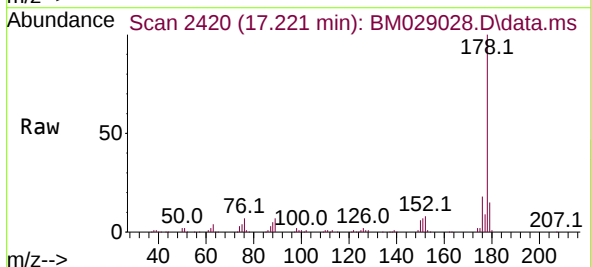
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

Tgt Ion:178 Resp: 140112
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 14.8 12.2 18.4



#72
Anthracene
Concen: 47.59 ng
RT: 17.221 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

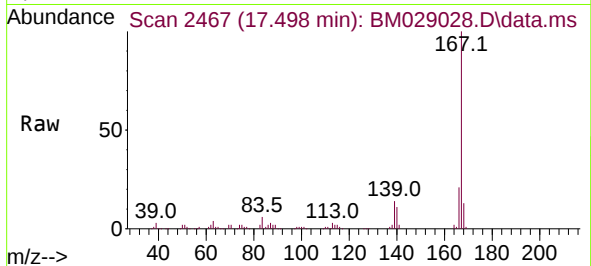
Tgt Ion:178 Resp: 143816
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 14.9 12.5 18.7



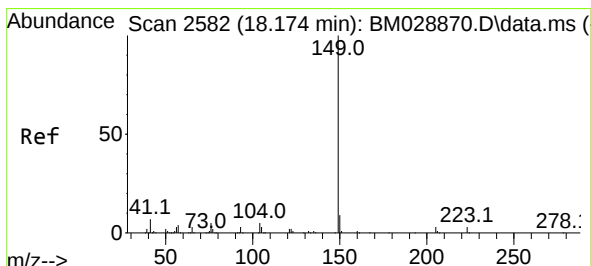
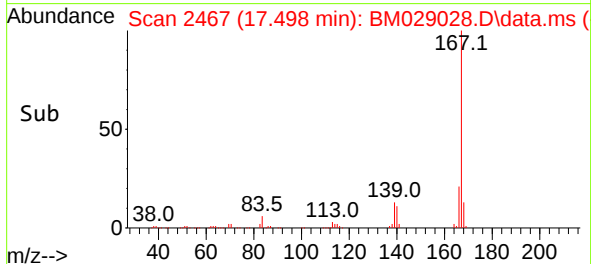
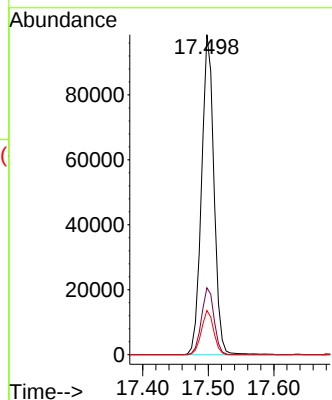


#73
 Carbazole
 Concen: 44.84 ng
 RT: 17.498 min Scan# 2467
 Delta R.T. -0.012 min
 Lab File: BM029028.D
 Acq: 08 Mar 2021 20:45

Instrument :
 BNA_M
 ClientSampleId :
 72-11939-VNJ-229MSD

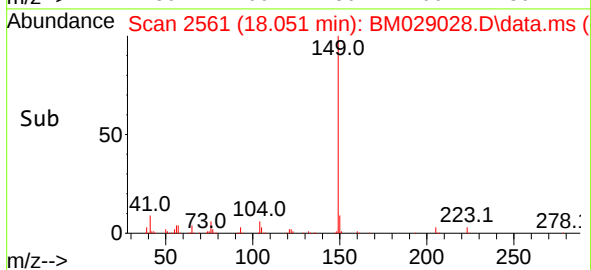
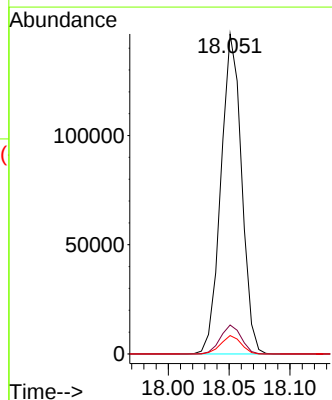
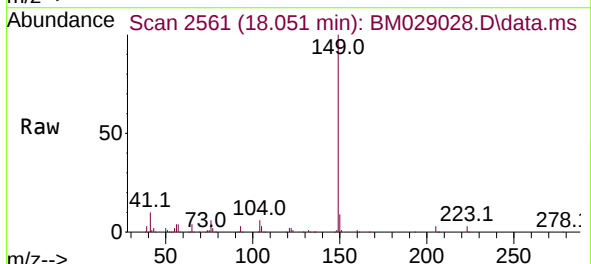


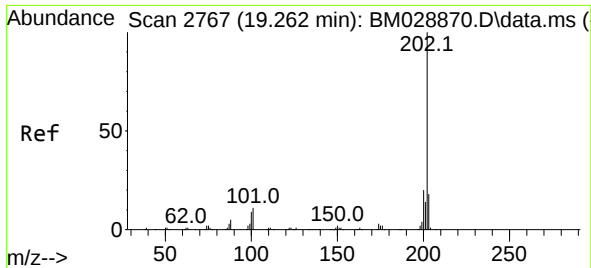
Tgt Ion:167 Resp: 130024
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.9 25.3
 139 13.8 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 52.50 ng
 RT: 18.051 min Scan# 2561
 Delta R.T. -0.012 min
 Lab File: BM029028.D
 Acq: 08 Mar 2021 20:45

Tgt Ion:149 Resp: 173073
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.8 4.7 7.1

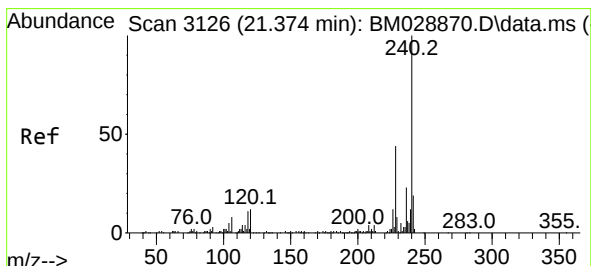
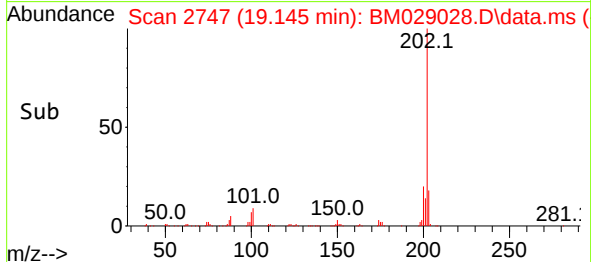
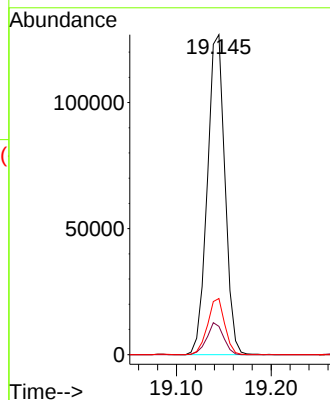
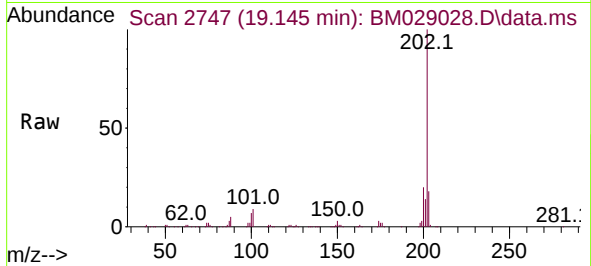




#75
Fluoranthene
Concen: 48.74 ng
RT: 19.145 min Scan# 2747
Delta R.T. -0.006 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

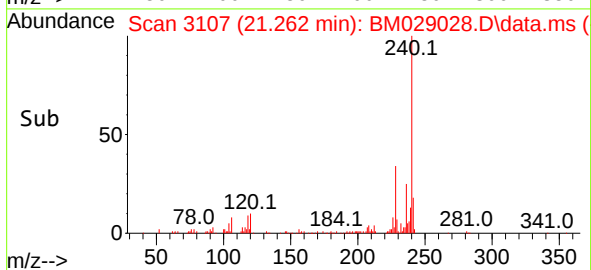
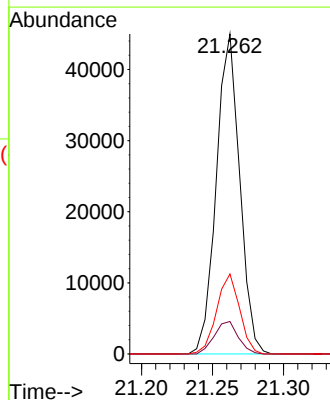
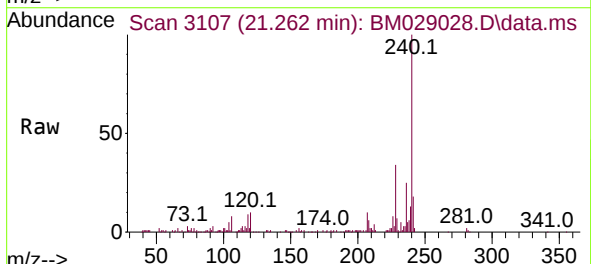
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

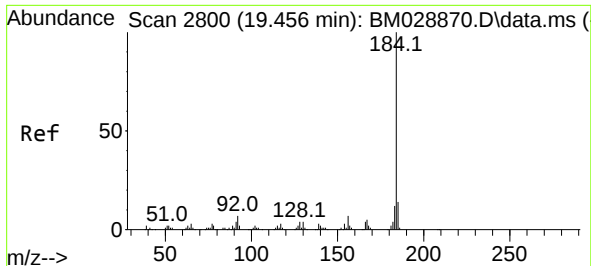
Tgt Ion:202	Resp:	163419
Ion Ratio	Lower	Upper
202	100	
101	8.8	0.0 28.5
203	17.5	0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.262 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:240	Resp:	51534
Ion Ratio	Lower	Upper
240	100	
120	10.2	6.4 9.6#
236	25.0	20.1 30.1

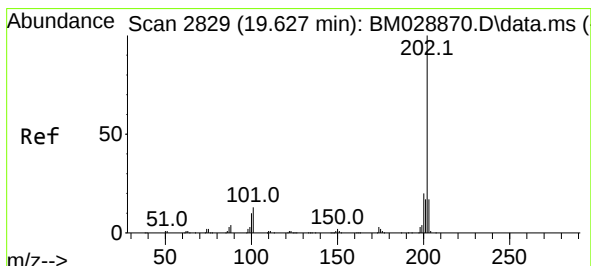
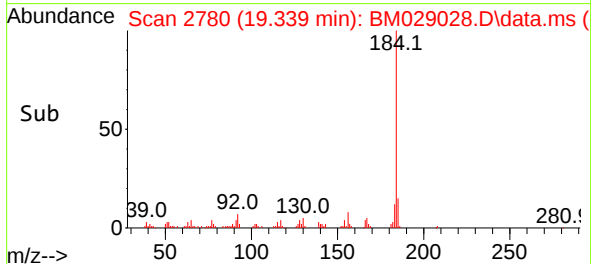
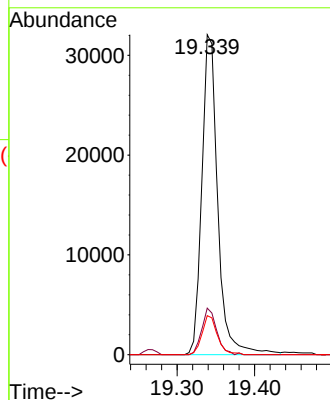
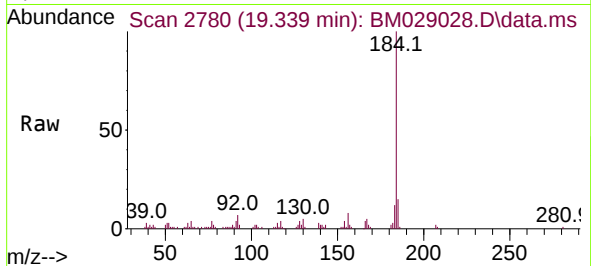




#77
Benzidine
Concen: 26.96 ng
RT: 19.339 min Scan# 2780
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

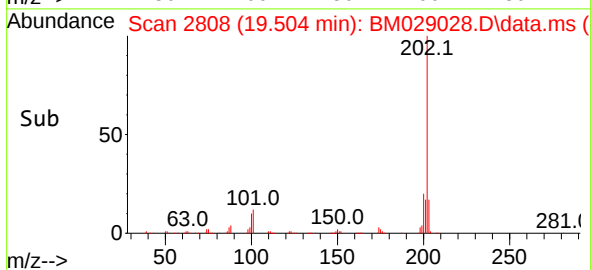
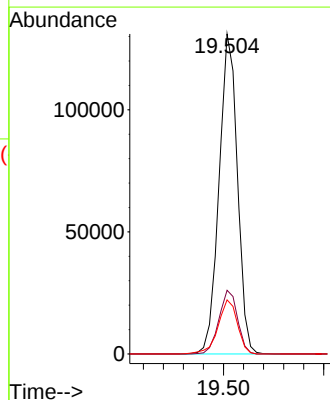
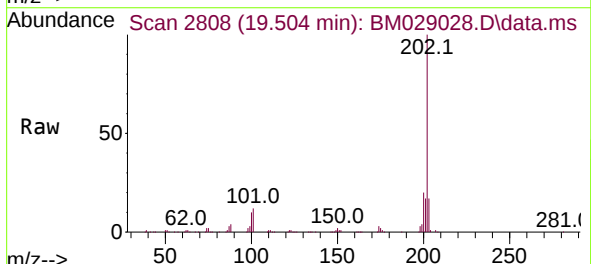
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

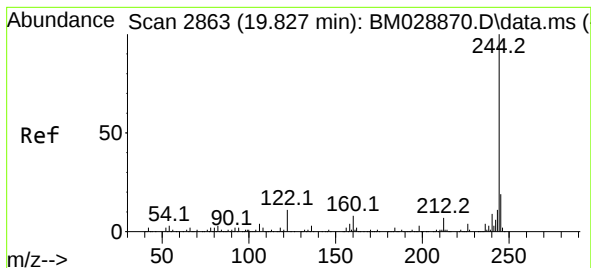
Tgt Ion:184 Resp: 45780
Ion Ratio Lower Upper
184 100
185 14.5 11.0 16.6
183 12.2 9.7 14.5



#78
Pyrene
Concen: 43.90 ng
RT: 19.504 min Scan# 2808
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:202 Resp: 166199
Ion Ratio Lower Upper
202 100
200 19.9 16.6 24.8
203 16.9 13.8 20.6





#79

Terphenyl-d14

Concen: 73.16 ng

RT: 19.709 min Scan# 2843

Delta R.T. -0.012 min

Lab File: BM029028.D

Acq: 08 Mar 2021 20:45

Tgt Ion:244 Resp: 204178

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

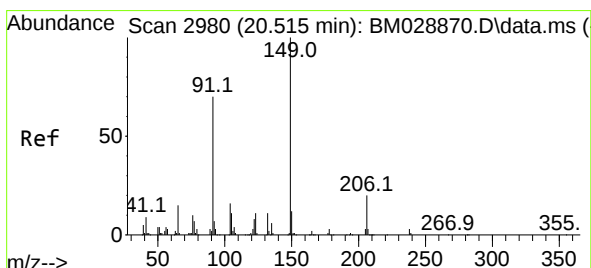
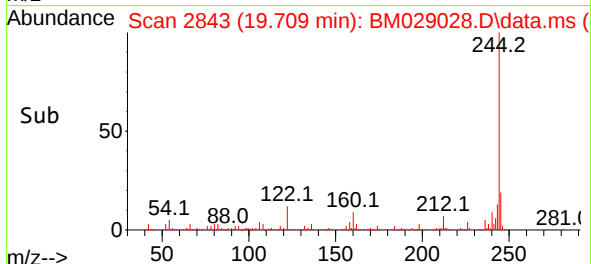
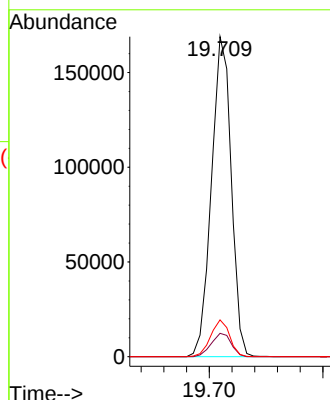
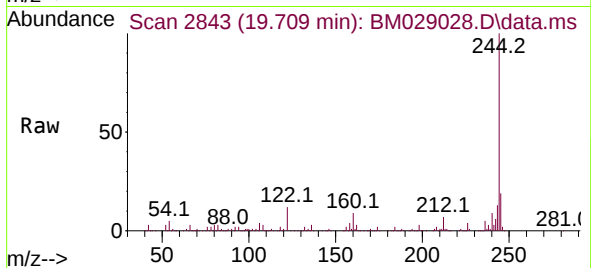
122 11.5 6.5 9.7#

Instrument :

BNA_M

ClientSampleId :

72-11939-VNJ-229MSD



#80

Butylbenzylphthalate

Concen: 49.04 ng

RT: 20.409 min Scan# 2962

Delta R.T. -0.012 min

Lab File: BM029028.D

Acq: 08 Mar 2021 20:45

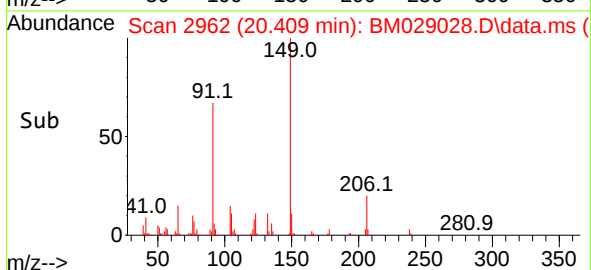
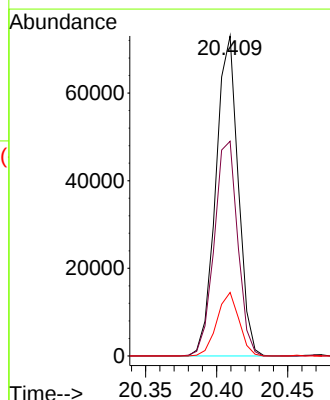
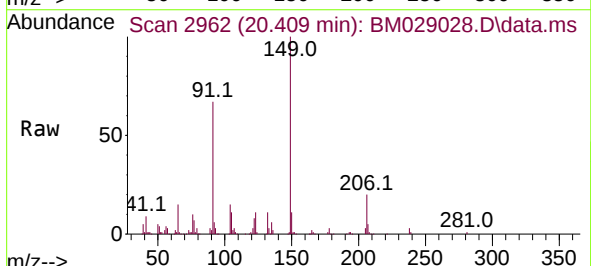
Tgt Ion:149 Resp: 79927

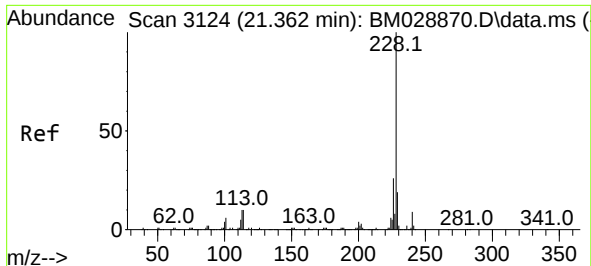
Ion Ratio Lower Upper

149 100

91 67.1 58.1 87.1

206 19.9 18.7 28.1

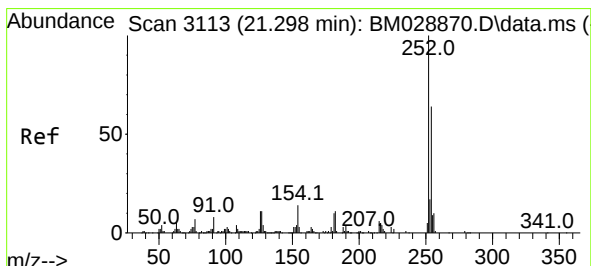
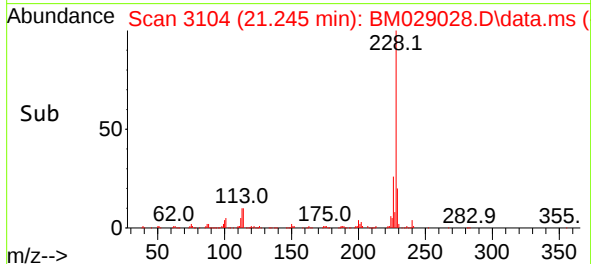
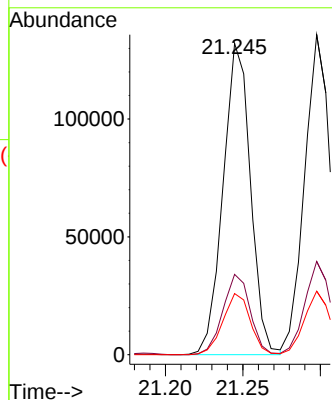
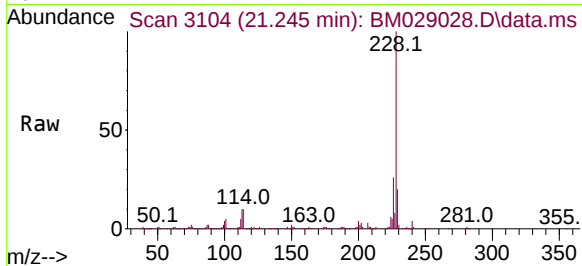




#81
Benzo(a)anthracene
Concen: 45.37 ng
RT: 21.245 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

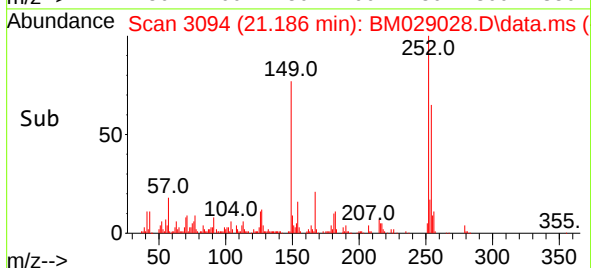
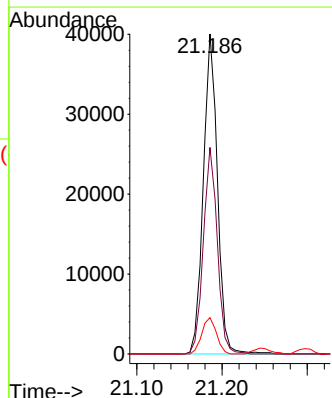
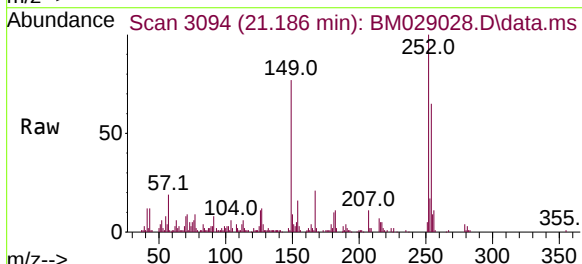
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

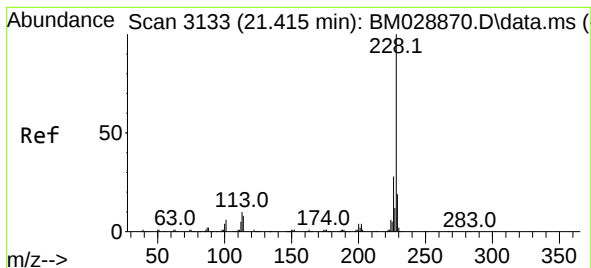
Tgt Ion:228 Resp: 162269
Ion Ratio Lower Upper
228 100
226 25.8 21.1 31.7
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 37.30 ng
RT: 21.186 min Scan# 3094
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:252 Resp: 46081
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.0
126 11.3 6.8 10.2#





#83

Chrysene

Concen: 45.23 ng

RT: 21.298 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BM029028.D

Acq: 08 Mar 2021 20:45

Tgt Ion:228 Resp: 157644

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.0

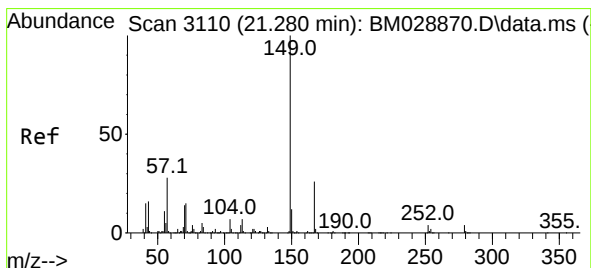
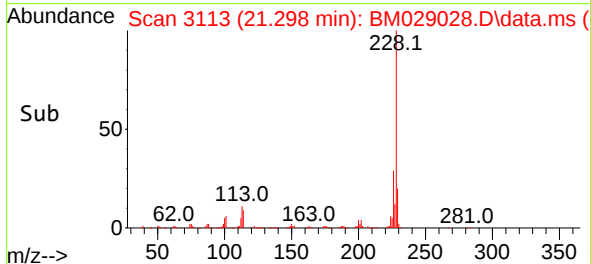
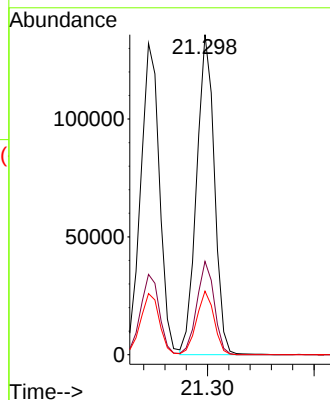
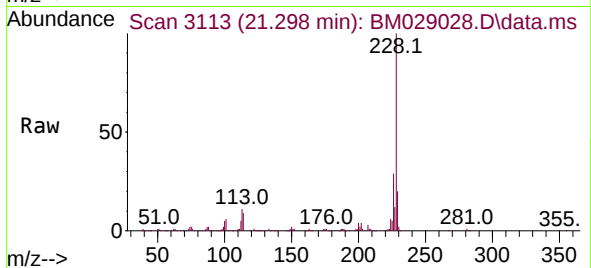
229 19.8 15.7 23.5

Instrument :

BNA_M

ClientSampleId :

72-11939-VNJ-229MSD



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.92 ng

RT: 21.174 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM029028.D

Acq: 08 Mar 2021 20:45

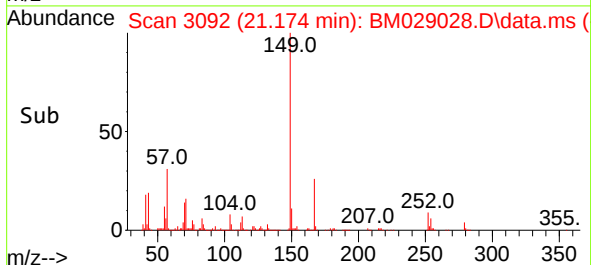
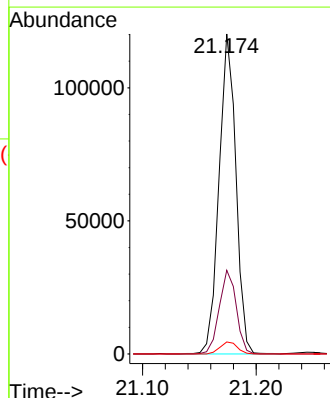
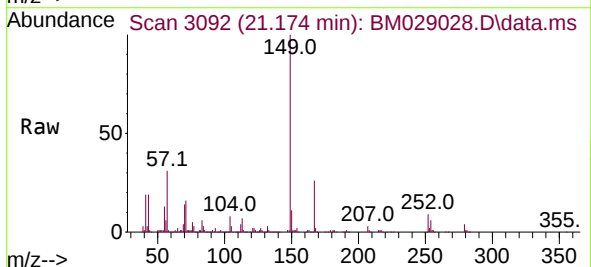
Tgt Ion:149 Resp: 124123

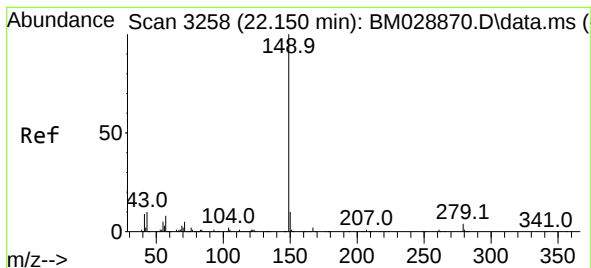
Ion Ratio Lower Upper

149 100

167 26.2 22.7 34.1

279 3.8 4.0 6.0#

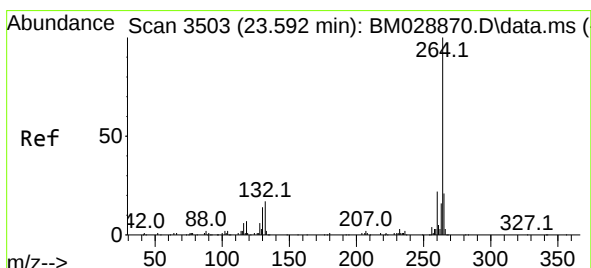
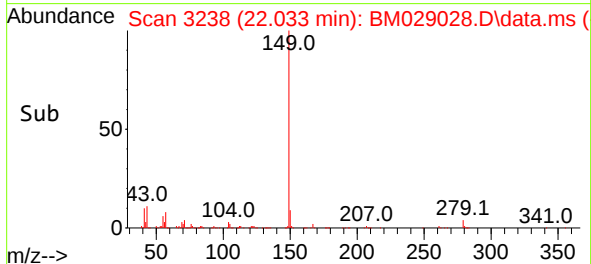
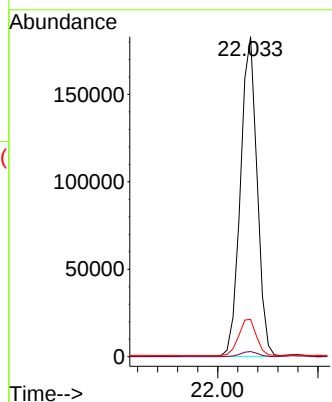
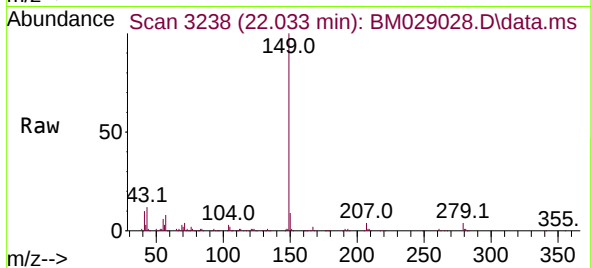




#85
Di-n-octyl phthalate
Concen: 53.10 ng
RT: 22.033 min Scan# 3238
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

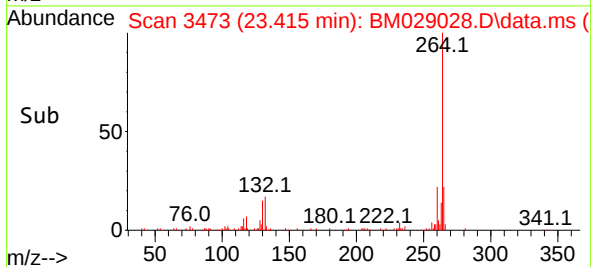
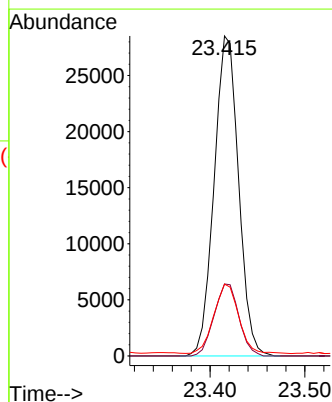
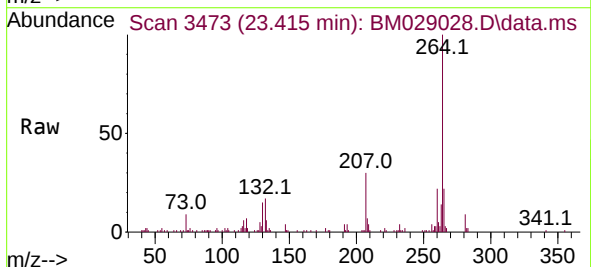
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

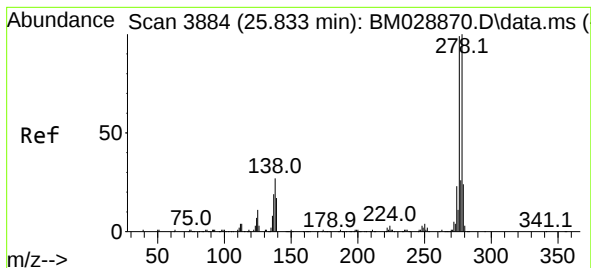
Tgt Ion:149 Resp: 211302
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.1 5.8 8.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.415 min Scan# 3473
Delta R.T. -0.023 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:264 Resp: 51123
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.4
265 22.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.78 ng

RT: 25.580 min Scan# 3841

Delta R.T. -0.023 min

Lab File: BM029028.D

Acq: 08 Mar 2021 20:45

Tgt Ion:276 Resp: 184332

Ion Ratio Lower Upper

276 100

138 26.5 14.2 21.4#

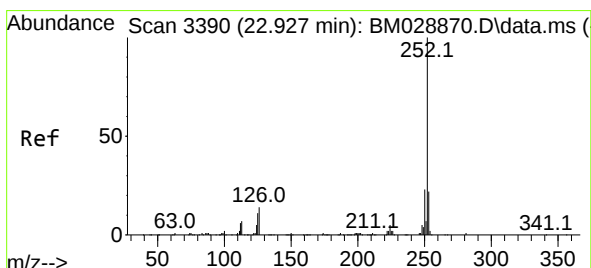
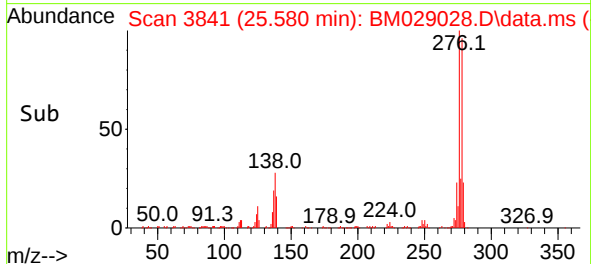
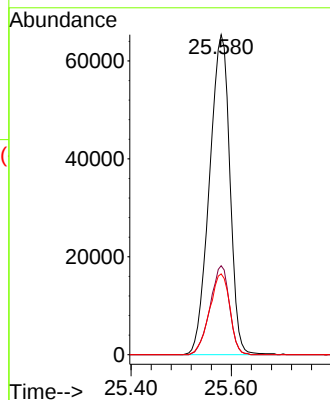
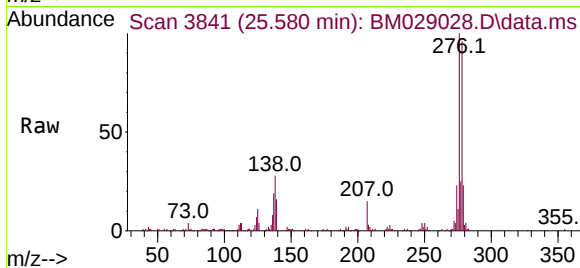
277 25.2 19.8 29.8

Instrument :

BNA_M

ClientSampleId :

72-11939-VNJ-229MSD



#88

Benzo(b)fluoranthene

Concen: 45.52 ng

RT: 22.780 min Scan# 3365

Delta R.T. -0.012 min

Lab File: BM029028.D

Acq: 08 Mar 2021 20:45

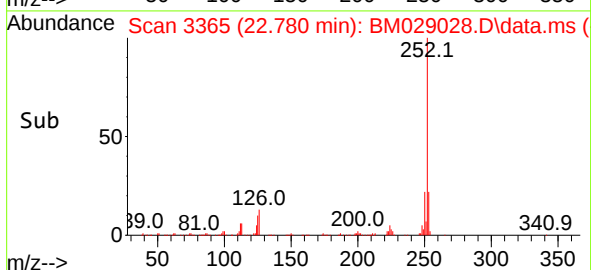
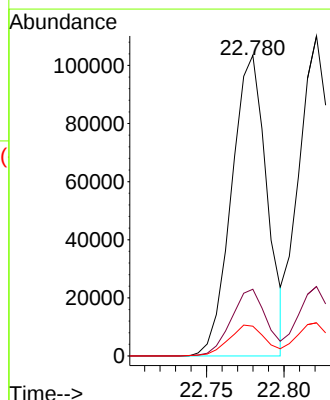
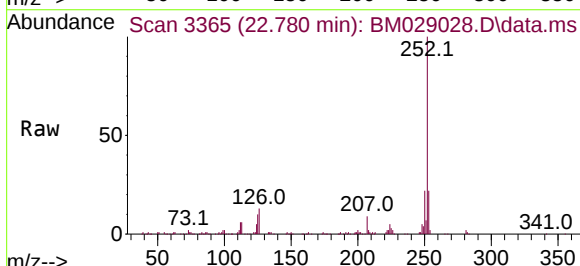
Tgt Ion:252 Resp: 164385

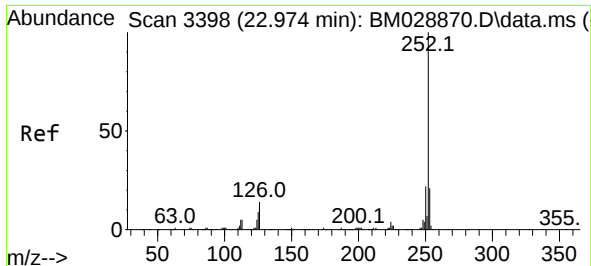
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.9 5.7 8.5#

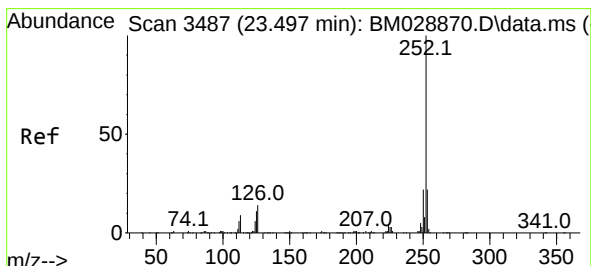
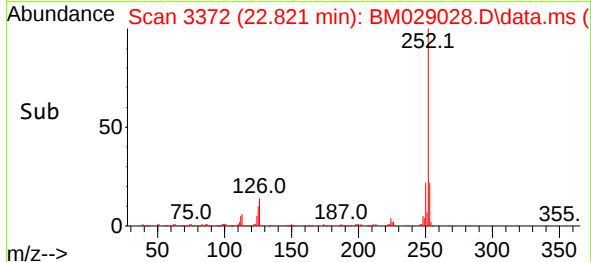
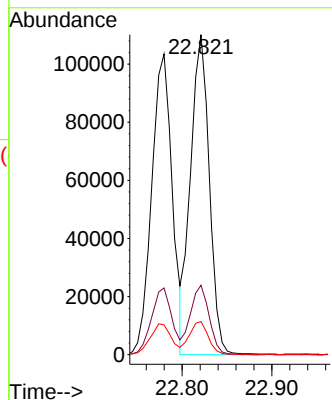
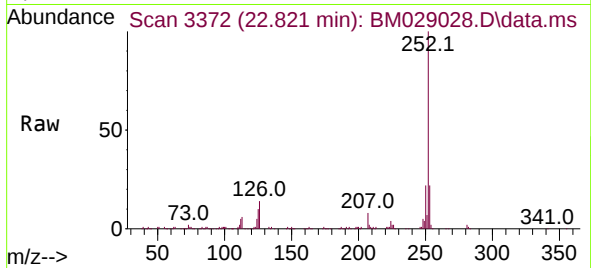




#89
Benzo(k)fluoranthene
Concen: 46.86 ng
RT: 22.821 min Scan# 3372
Delta R.T. -0.012 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

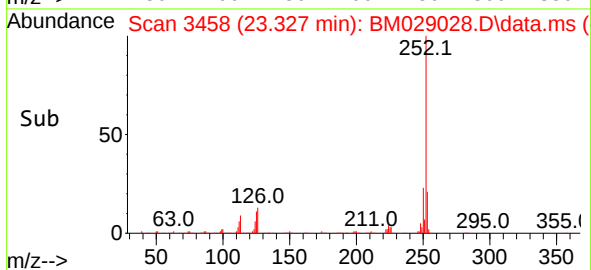
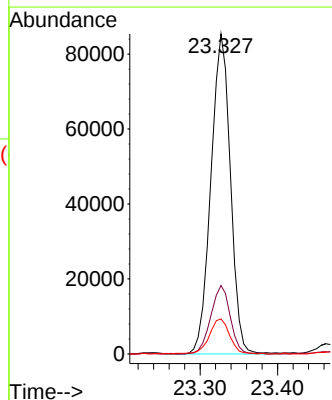
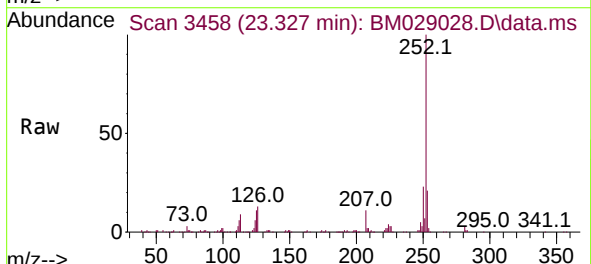
Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

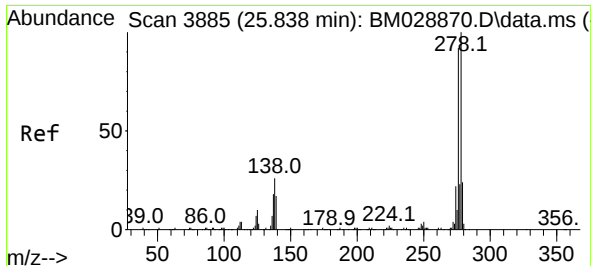
Tgt Ion:252 Resp: 160739
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.3 5.6 8.4#



#90
Benzo(a)pyrene
Concen: 45.24 ng
RT: 23.327 min Scan# 3458
Delta R.T. -0.018 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:252 Resp: 149088
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 11.0 6.6 9.8#

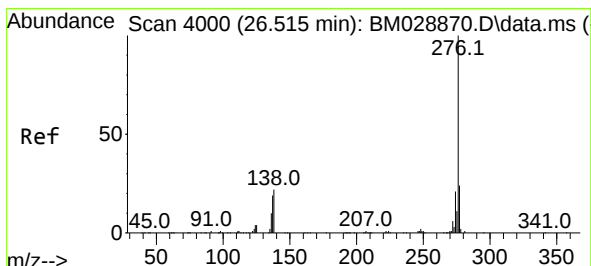
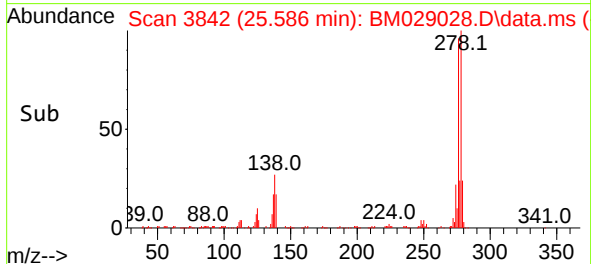
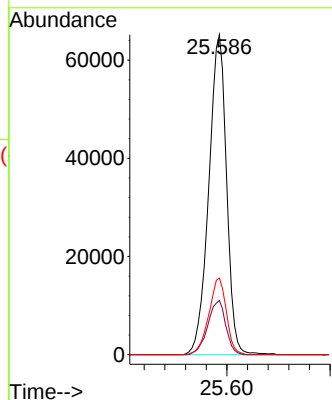
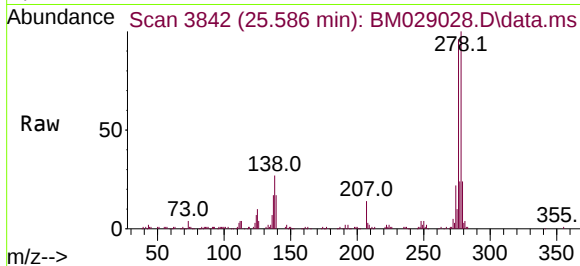




#91
Dibenzo(a,h)anthracene
Concen: 46.45 ng
RT: 25.586 min Scan# 3842
Delta R.T. -0.023 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Instrument :
BNA_M
ClientSampleId :
72-11939-VNJ-229MSD

Tgt Ion:278 Resp: 155719
Ion Ratio Lower Upper
278 100
139 17.0 9.0 13.6#
279 24.0 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 46.46 ng
RT: 26.238 min Scan# 3953
Delta R.T. -0.023 min
Lab File: BM029028.D
Acq: 08 Mar 2021 20:45

Tgt Ion:276 Resp: 150397
Ion Ratio Lower Upper
276 100
277 24.2 18.6 28.0
138 23.6 12.2 18.2#

