

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052521\
 Data File : BN014733.D
 Acq On : 25 May 2021 13:29
 Operator : CG/JU
 Sample : M2493-17MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GB432MSD

Manual Integrations
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Quant Time: May 25 14:13:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 25 10:33:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	251291	20.00	ng/ul	0.00
20) Naphthalene-d8	10.499	136	960113	20.00	ng/ul	# 0.00
38) Acenaphthene-d10	14.363	164	739779	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1757460	20.00	ng/ul	0.00
79) Chrysene-d12	21.322	240	1914723	20.00	ng/ul	0.00
88) Perylene-d12	23.586	264	2407150	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	17086	2.77	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	6.887	99	159229	6.47	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	343608	28.08	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	372991	24.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	297106	15.53	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	242090	33.47	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	262645	33.79	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	531184	29.97	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	68855	3.30	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	2170159	36.92	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	2299728	33.84	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	78067	8.36	ng/ul	0.00
60) Fluorene-d10	15.363	176	1791022	35.37	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	409025	42.55	ng/ul	0.00
73) Anthracene-d10	17.216	188	2969295	36.17	ng/ul	0.00
81) Pyrene-d10	19.522	212	3588525	39.75	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.445	264	4741066	36.98	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	22848	3.15	ng/uL#	91
6) Benzaldehyde	6.858	77	526624	39.74	ng/ul	99
8) Phenol	6.916	94	182450	7.21	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.140	93	577535	29.55	ng/ul	95
12) 2-Chlorophenol	7.281	128	399813	25.07	ng/ul	98
13) 2-Methylphenol	8.157	108	347411	18.68	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.246	45	377848	30.65	ng/ul	97
16) Acetophenone	8.528	105	994631	31.41	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.516	70	498059	32.65	ng/ul#	91
18) 4-Methylphenol	8.487	108	343220	16.92	ng/ul	93
19) Hexachloroethane	8.787	117	233167	29.20	ng/ul	94
22) Nitrobenzene	8.905	77	747991	33.14	ng/ul	97
23) Isophorone	9.428	82	1425364	33.26	ng/ul	98
25) 2-Nitrophenol	9.616	139	286563	34.69	ng/ul	90
26) 2,4-Dimethylphenol	9.681	107	632085	24.85	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.916	93	843779	32.40	ng/ul	97
29) 2,4-Dichlorophenol	10.152	162	528053	31.06	ng/ul	98
30) Naphthalene	10.546	128	1676591	32.13	ng/ul	99
32) 4-Chloroaniline	10.657	127	90538	4.07	ng/ul	96
33) Hexachlorobutadiene	10.840	225	485386	31.93	ng/ul	95
34) Caprolactam	11.440	113	10707m	1.95	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	772067	31.34	ng/ul	100
36) 2-Methylnaphthalene	12.169	142	1264861	32.52	ng/ul	98
37) 1-Methylnaphthalene	12.393	142	1229791	32.16	ng/ul	96

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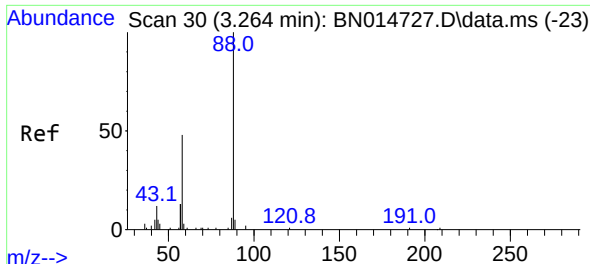
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.545	216	909262	32.51	ng/ul	92
40) Hexachlorocyclopentadiene	12.522	237	547195	29.53	ng/ul	95
41) 2,4,6-Trichlorophenol	12.787	196	578224	36.81	ng/ul	96
42) 2,4,5-Trichlorophenol	12.863	196	632289	36.89	ng/ul	98
43) 1,1'-Biphenyl	13.193	154	1821669	34.42	ng/ul	97
44) 2-Chloronaphthalene	13.228	162	1435300	33.85	ng/ul	98
45) 2-Nitroaniline	13.440	65	520175	40.28	ng/ul	95
47) Dimethylphthalate	13.822	163	2115924	36.40	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	447498	41.42	ng/ul	93
50) Acenaphthylene	14.081	152	2188504	35.02	ng/ul	98
51) 3-Nitroaniline	14.269	138	263437	25.13	ng/ul	98
52) Acenaphthene	14.428	153	1574908	34.78	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	236253	30.12	ng/ul	94
55) 4-Nitrophenol	14.592	109	116636	6.52	ng/ul	93
56) Dibenzofuran	14.763	168	2382326	35.37	ng/ul	89
57) 2,4-Dinitrotoluene	14.734	165	703123	40.84	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.992	232	687122	38.97	ng/ul	97
59) Diethylphthalate	15.198	149	2156872	38.59	ng/ul	95
61) Fluorene	15.422	166	1756254	34.66	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.416	204	1016195	33.90	ng/ul#	87
63) 4-Nitroaniline	15.439	138	341917	32.11	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.498	198	419001	44.56	ng/ul#	91
67) N-Nitrosodiphenylamine	15.634	169	1780788	37.62	ng/ul	99
68) 4-Bromophenyl-phenylether	16.310	248	880914	38.49	ng/ul	93
69) Hexachlorobenzene	16.422	284	1030474	35.99	ng/ul	98
70) Atrazine	16.586	200	775695	39.63	ng/ul	96
71) Pentachlorophenol	16.769	266	598939	36.34	ng/ul	93
72) Phenanthrene	17.163	178	3414714	37.19	ng/ul	97
74) Anthracene	17.251	178	3389283	36.62	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.157	216	908991	31.30	ng/uL	97
76) Pentachlorobenzene	14.687	250	1088379	36.24	ng/uL	97
77) Carbazole	17.522	167	3068719	39.34	ng/ul	99
78) Di-n-butylphthalate	18.098	149	3673996	39.97	ng/ul	98
80) Fluoranthene	19.186	202	4383888	41.18	ng/ul	99
82) Pyrene	19.551	202	4457799	40.72	ng/ul	98
83) Butylbenzylphthalate	20.457	149	1690926	45.97	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	1521202	42.14	ng/ul	98
85) Benzo(a)anthracene	21.304	228	4677943	39.19	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	2185811	41.22	ng/ul	99
87) Chrysene	21.357	228	4599965	38.27	ng/ul	96
89) Di-n-octyl phthalate	22.127	149	4733322	44.45	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	5596815	38.74	ng/ul	97
91) Benzo(k)fluoranthene	22.951	252	5205548	36.17	ng/ul	98
93) Benzo(a)pyrene	23.492	252	5046656	38.60	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.880	276	6749626	37.68	ng/ul	97
95) Dibenzo(a,h)anthracene	25.892	278	5484356	37.00	ng/ul	99
96) Benzo(g,h,i)perylene	26.580	276	6095854	38.45	ng/ul	97

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



#2
1,4-Dioxane
Concen: 3.15 ng/uL
RT: 3.269 min Scan# 31
Delta R.T. 0.006 min
Lab File: BN014733.D
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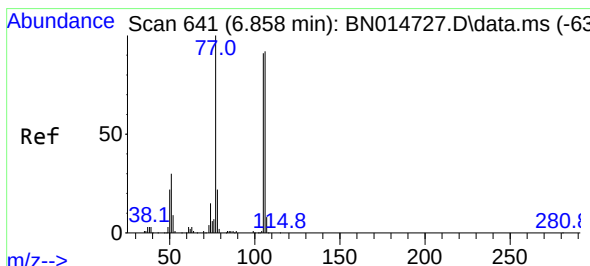
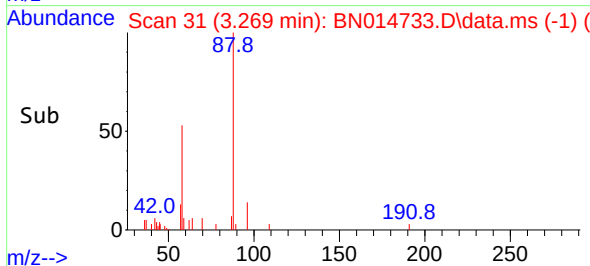
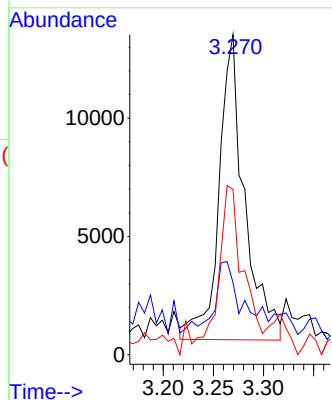
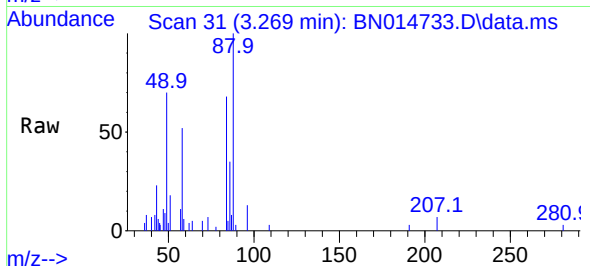
Tgt Ion: 88 Resp: 22848
Ion Ratio Lower Upper
88 100
43 22.6 13.8 20.6#
58 51.6 37.1 55.7

Instrument :
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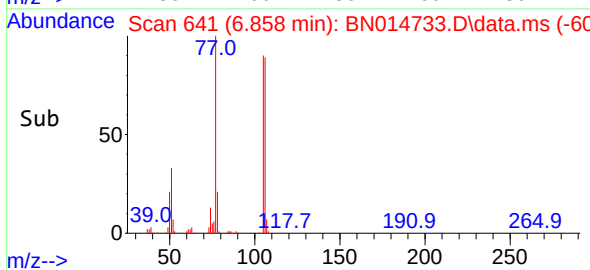
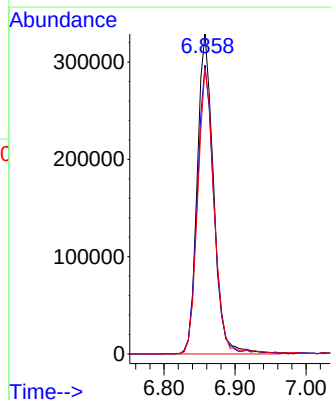
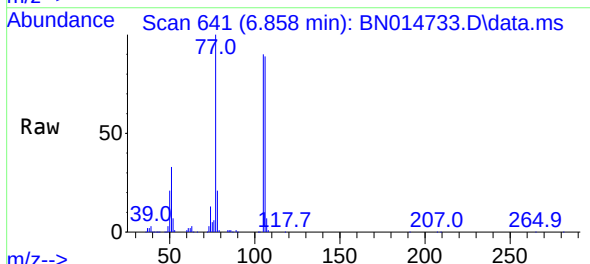
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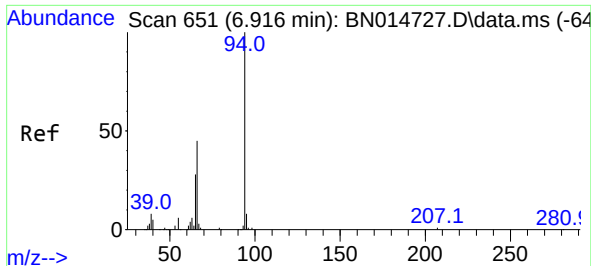
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#6
Benzaldehyde
Concen: 39.74 ng/uL
RT: 6.858 min Scan# 641
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion: 77 Resp: 526624
Ion Ratio Lower Upper
77 100
105 90.2 72.2 108.4
106 89.2 70.2 105.4





#8
Phenol
Concen: 7.21 ng/ul
RT: 6.916 min Scan# 651
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

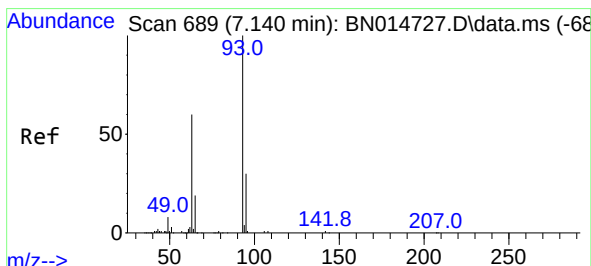
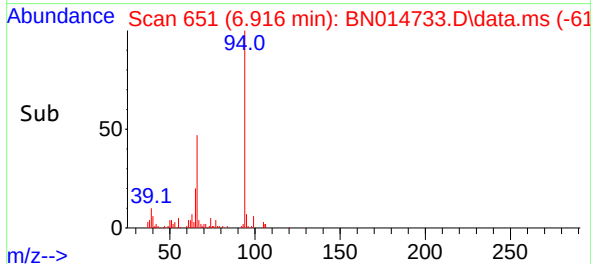
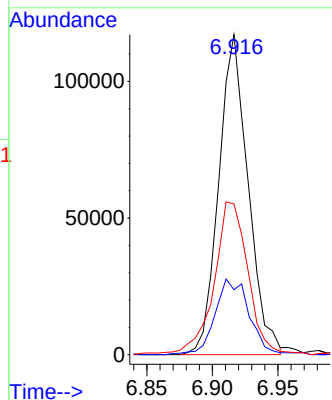
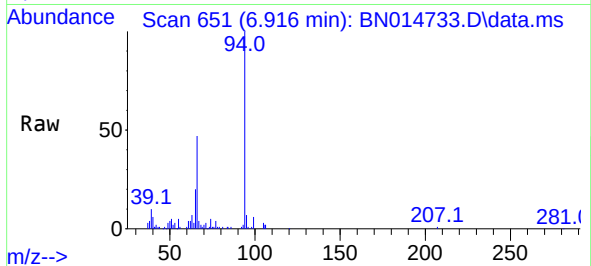
Tgt Ion: 94 Resp: 182450
Ion Ratio Lower Upper
94 100
65 20.3 22.7 34.1#
66 47.1 39.2 58.8

Instrument :
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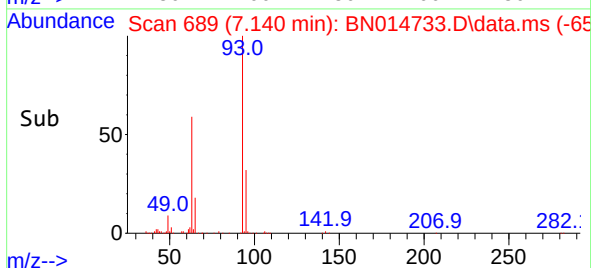
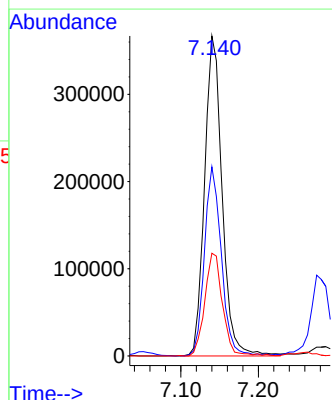
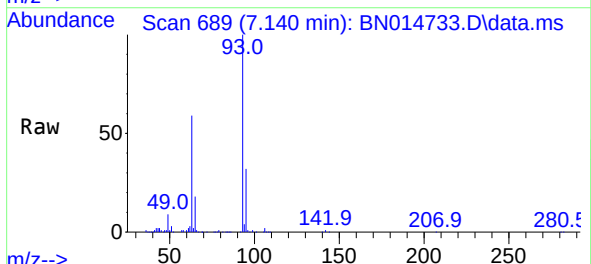
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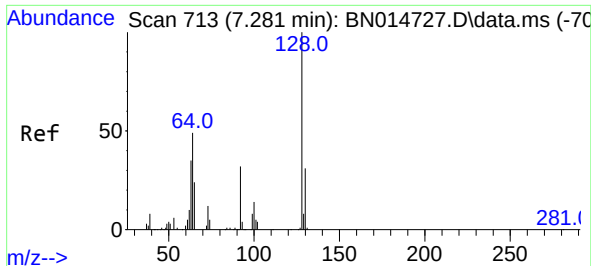
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#10
Bis(2-Chloroethyl)ether
Concen: 29.55 ng/ul
RT: 7.140 min Scan# 689
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion: 93 Resp: 577535
Ion Ratio Lower Upper
93 100
63 59.1 45.3 67.9
95 32.1 22.8 34.2





#12
2-Chlorophenol
Concen: 25.07 ng/ul
RT: 7.281 min Scan# 713
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

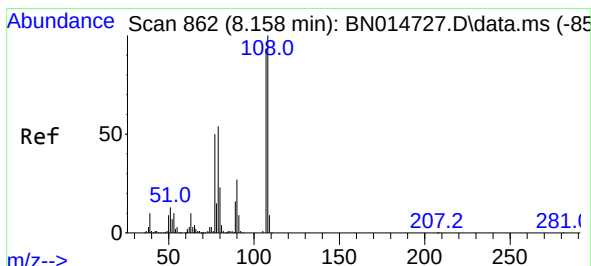
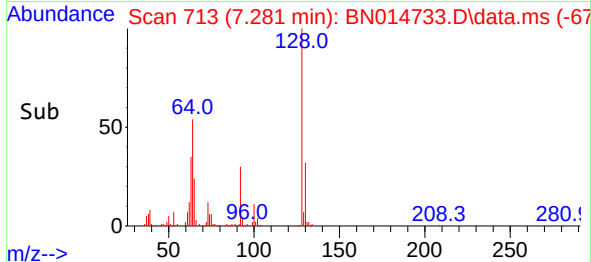
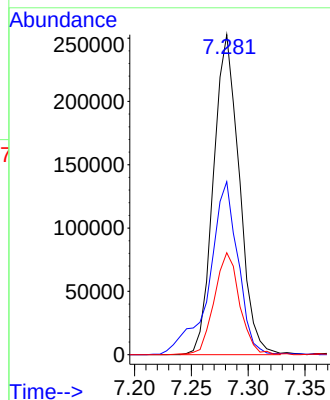
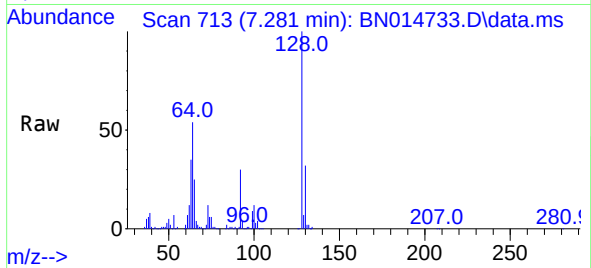
Tgt Ion:128 Resp: 399813
Ion Ratio Lower Upper
128 100
64 54.0 42.3 63.5
130 31.9 26.1 39.1

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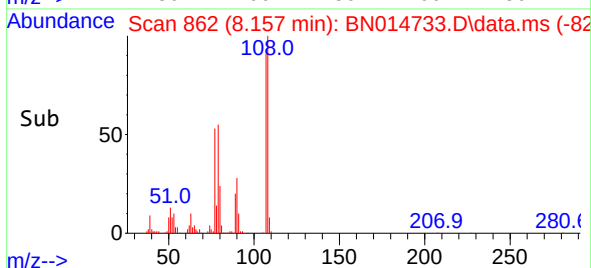
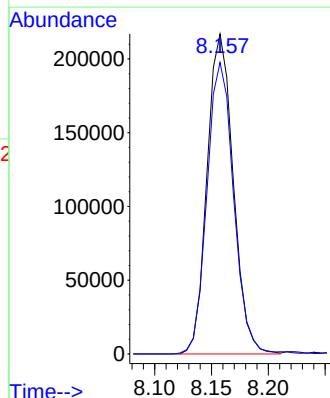
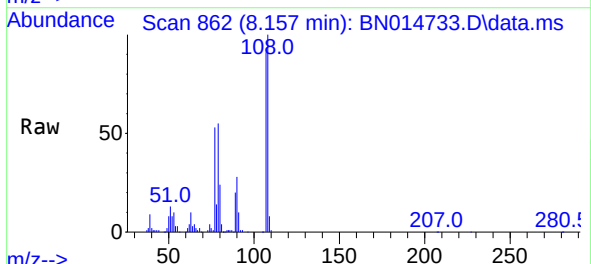
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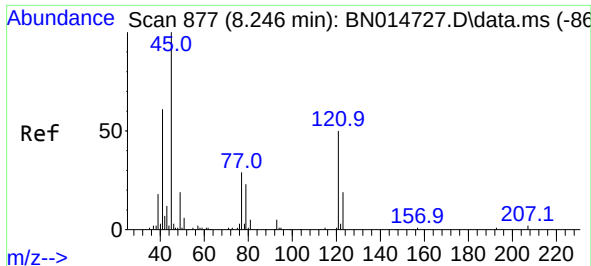
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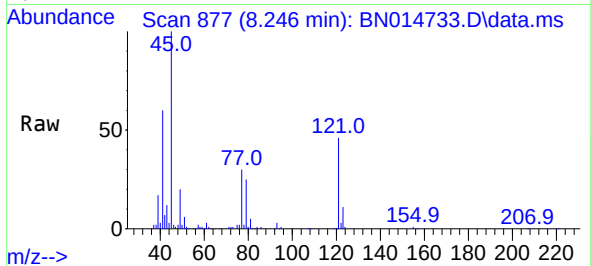
#13
2-Methylphenol
Concen: 18.68 ng/ul
RT: 8.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN014733.D
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Tgt Ion:108 Resp: 347411
Ion Ratio Lower Upper
108 100
107 91.1 74.1 111.1

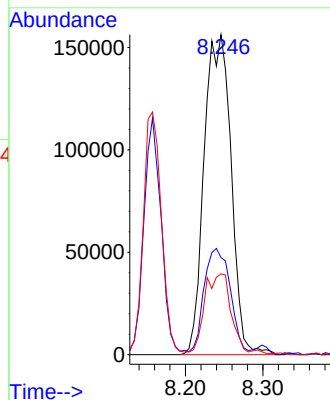
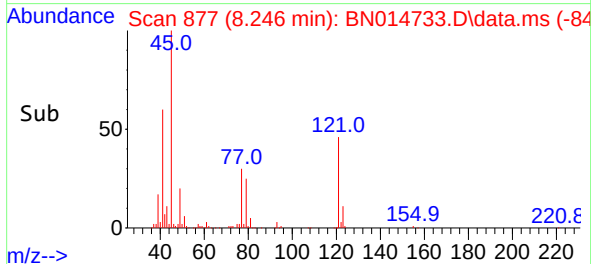




#14
2,2'-oxybis(1-chloropropane)
Concen: 30.65 ng/ul
RT: 8.246 min Scan# 877
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion: 45 Resp: 377848
Ion Ratio Lower Upper
45 100
77 30.4 25.8 38.8
79 25.2 21.4 32.2

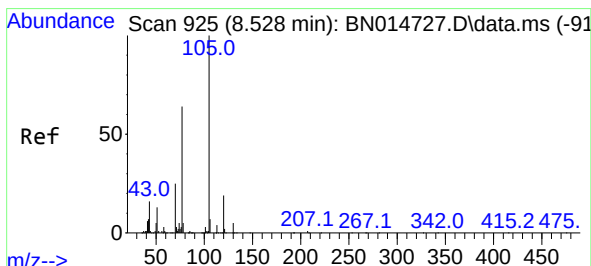


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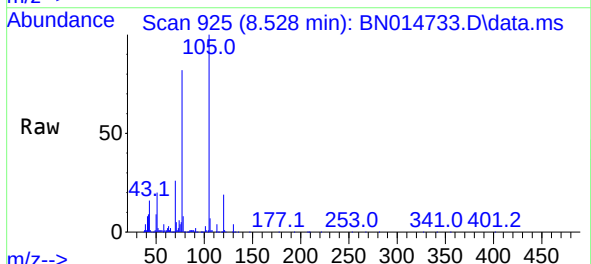
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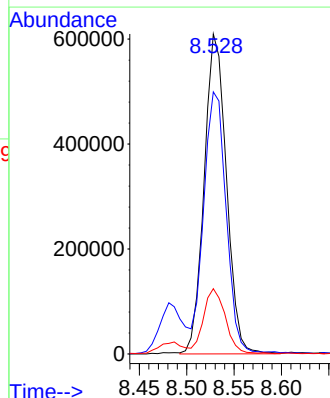
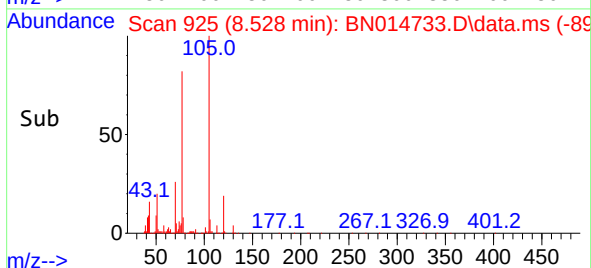
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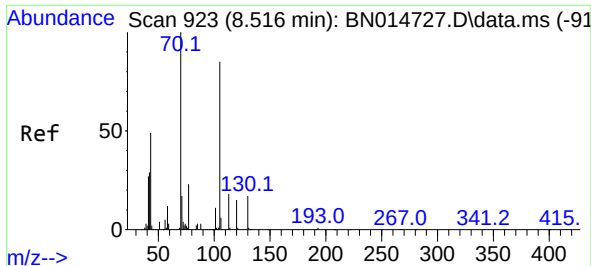


#16
Acetophenone
Concen: 31.41 ng/ul
RT: 8.528 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



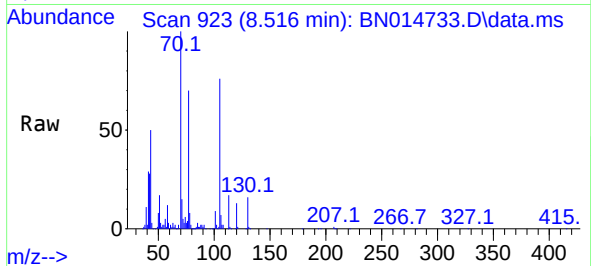
Tgt Ion: 105 Resp: 994631
Ion Ratio Lower Upper
105 100
77 81.9 70.8 106.2
51 20.4 15.6 23.4





#17
N-Nitroso-di-n-propylamine
Concen: 32.65 ng/ul
RT: 8.516 min Scan# 923
Delta R.T. -0.000 min
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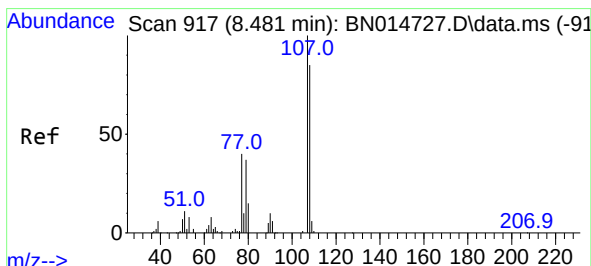
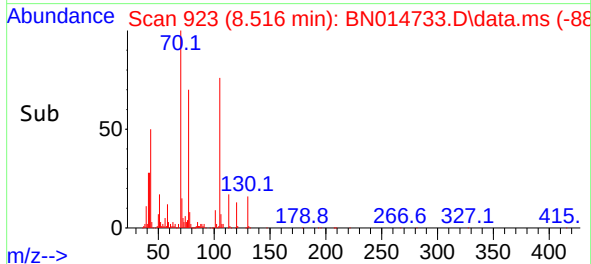
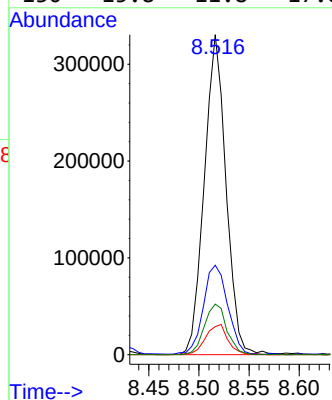


Tgt Ion: 70 Resp: 498059
Ion Ratio Lower Upper
70 100
42 27.9 27.1 40.7
101 8.8 10.9 16.3#
130 15.8 11.8 17.8

Manual Integrations
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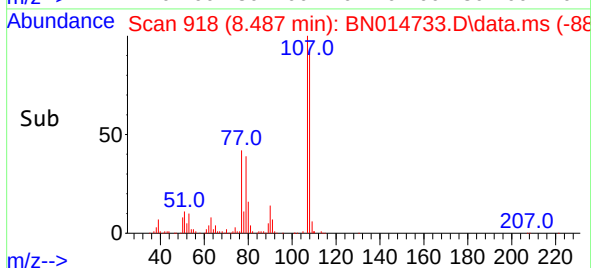
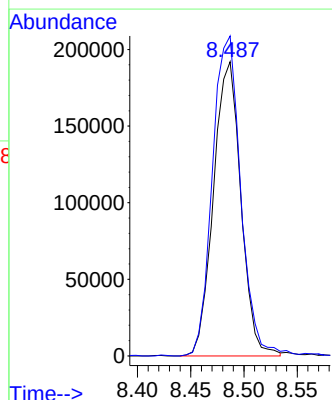
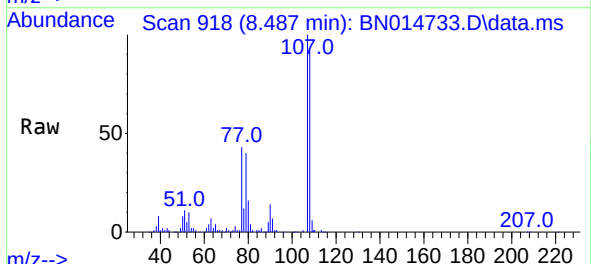
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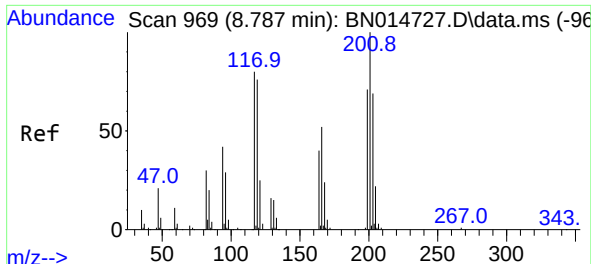
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#18
4-Methylphenol
Concen: 16.92 ng/ul
RT: 8.487 min Scan# 918
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

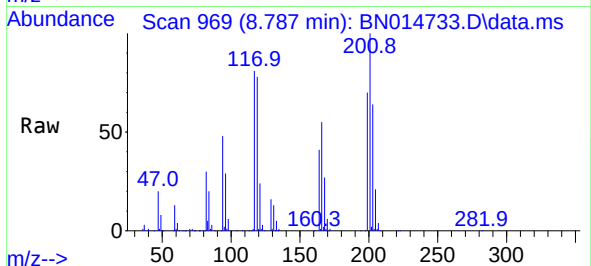
Tgt Ion: 108 Resp: 343220
Ion Ratio Lower Upper
108 100
107 108.8 93.4 140.0





#19
Hexachloroethane
Concen: 29.20 ng/ul
RT: 8.787 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Instrument :
BNA_N
ClientSampleId :
GB432MSD

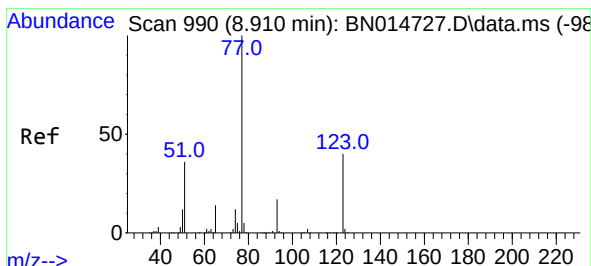
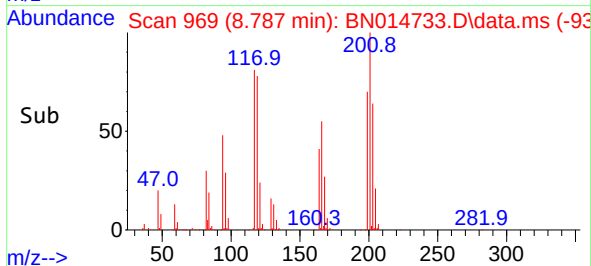
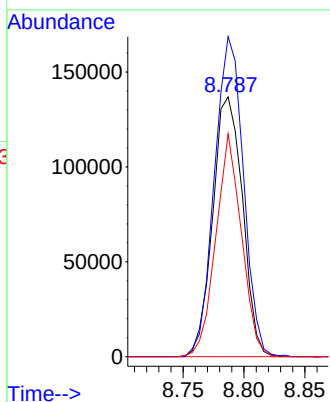


Tgt Ion:117 Resp: 233167
Ion Ratio Lower Upper
117 100
201 123.1 91.0 136.4
199 85.7 70.1 105.1

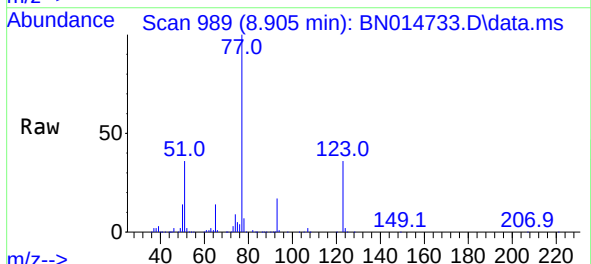
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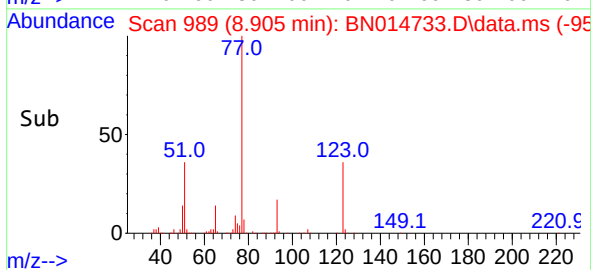
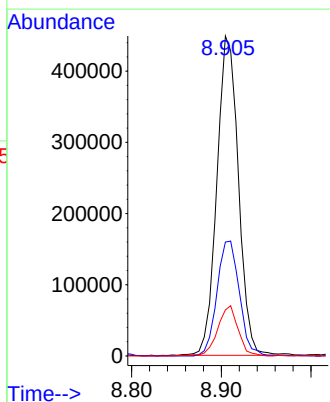
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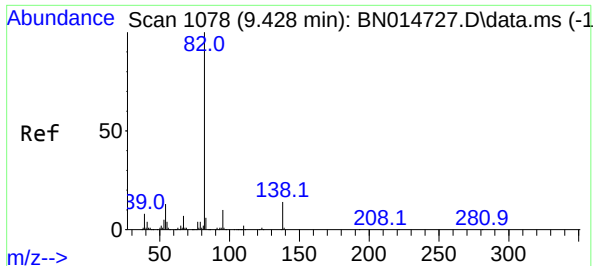


#22
Nitrobenzene
Concen: 33.14 ng/ul
RT: 8.905 min Scan# 989
Delta R.T. -0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion: 77 Resp: 747991
Ion Ratio Lower Upper
77 100
123 35.6 29.4 44.2
65 14.4 9.7 14.5





#23
Isophorone
Concen: 33.26 ng/ul
RT: 9.428 min Scan# 1078
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

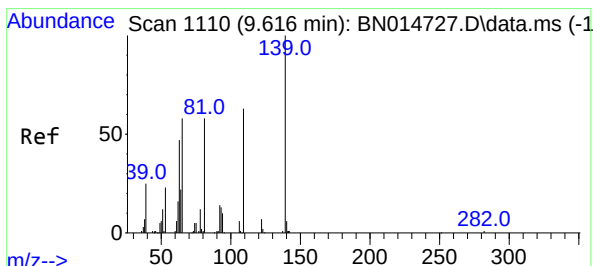
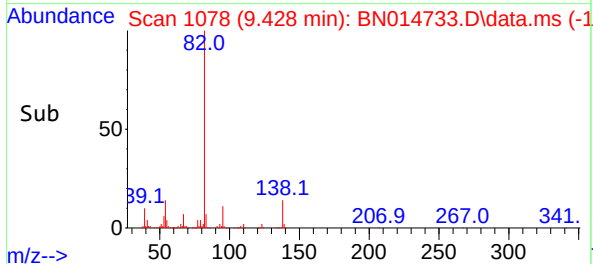
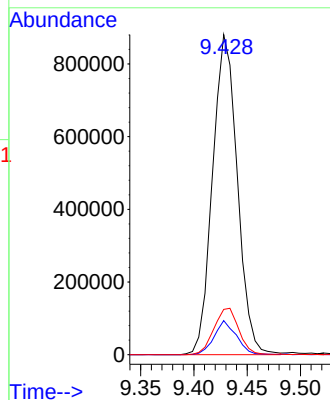
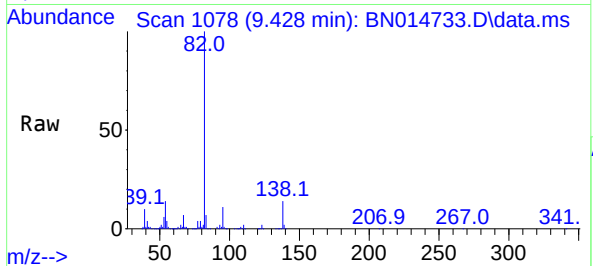
Tgt Ion: 82 Resp: 1425364
Ion Ratio Lower Upper
82 100
95 10.6 7.7 11.5
138 14.2 11.0 16.4

Instrument :
BNA_N
ClientSampleId :
GB432MSD

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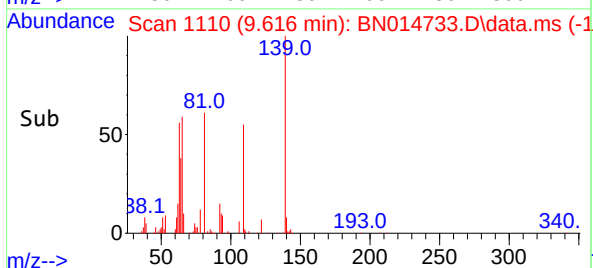
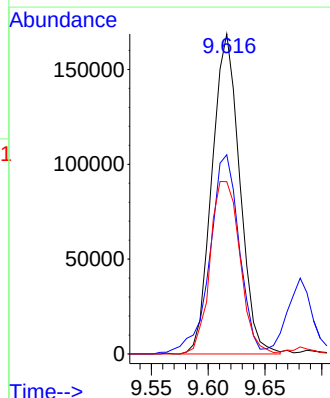
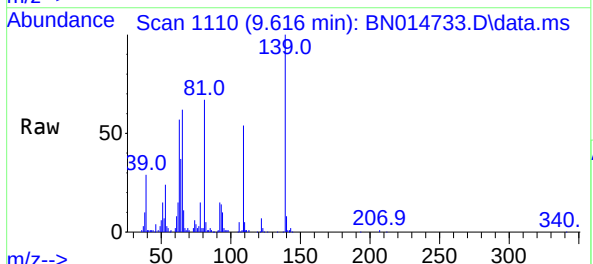
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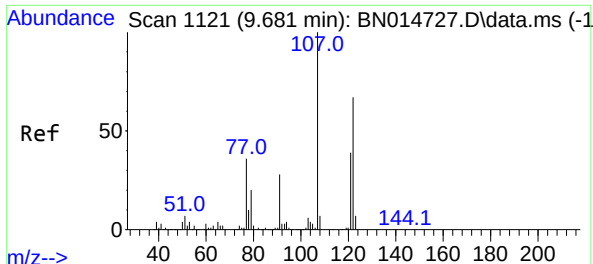
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#25
2-Nitrophenol
Concen: 34.69 ng/ul
RT: 9.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion: 139 Resp: 286563
Ion Ratio Lower Upper
139 100
65 62.2 55.1 82.7
109 53.9 49.9 74.9





#26
2,4-Dimethylphenol
Concen: 24.85 ng/ul
RT: 9.681 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

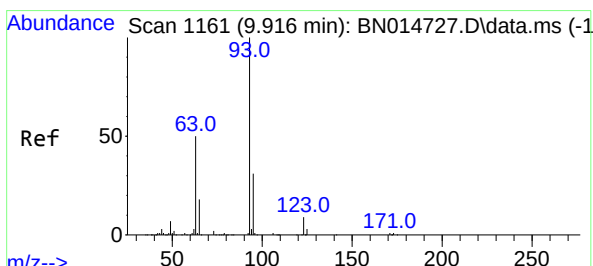
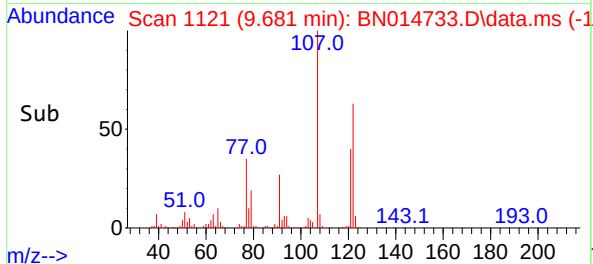
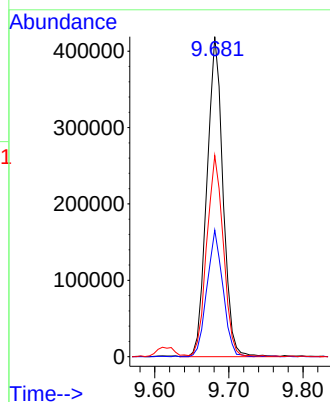
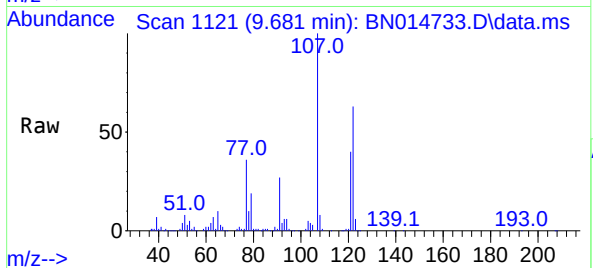
Tgt Ion:	107	Resp:	632085
Ion	Ratio	Lower	Upper
107	100		
121	39.6	31.8	47.6
122	62.9	57.5	86.3

Instrument :
BNA_N
ClientSampled :
GB432MSD

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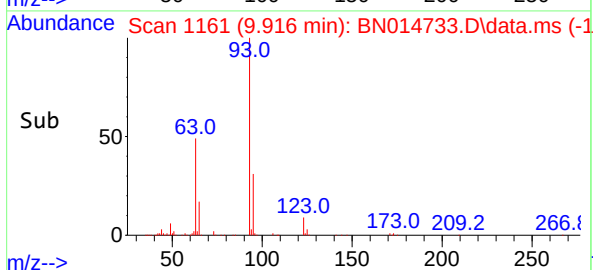
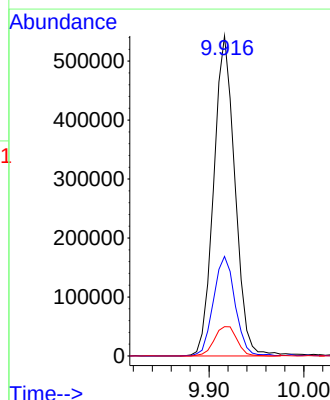
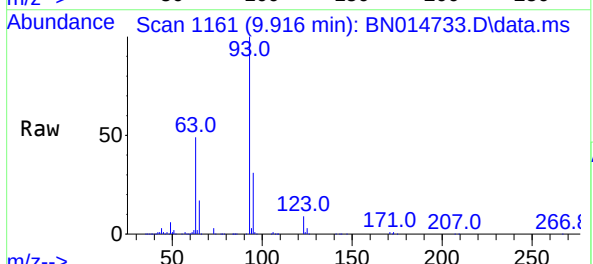
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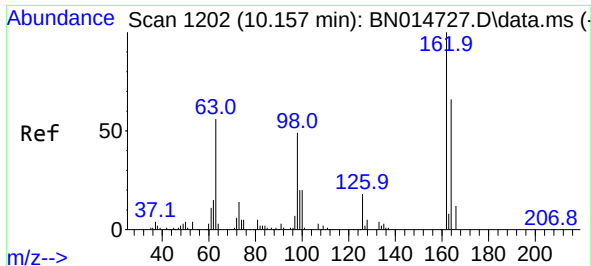
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#27
Bis(2-Chloroethoxy)methane
Concen: 32.40 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

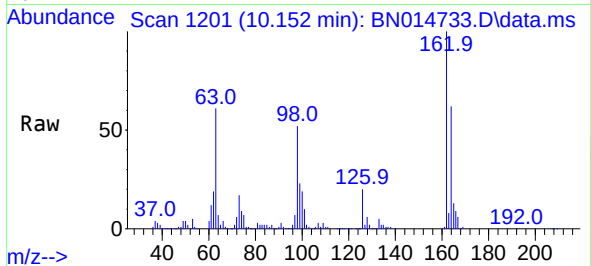
Tgt Ion:	93	Resp:	843779
Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.4	39.6
123	9.2	6.4	9.6





#29
2,4-Dichlorophenol
Concen: 31.06 ng/ul
RT: 10.152 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Instrument :
BNA_N
ClientSampled :
GB432MSD

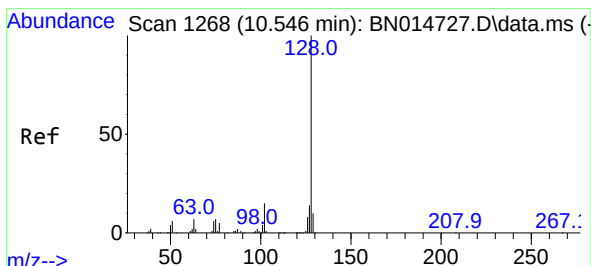
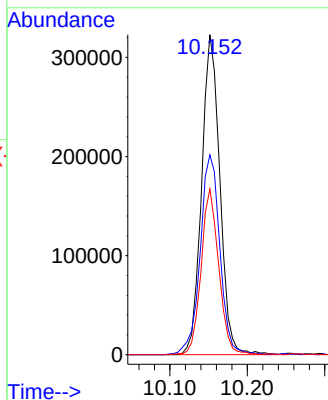
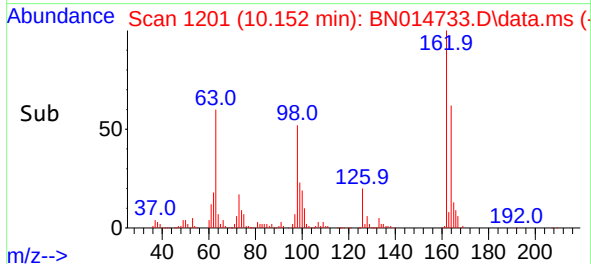


Tgt Ion:162 Resp: 528053
Ion Ratio Lower Upper
162 100
164 62.5 48.8 73.2
98 51.8 40.3 60.5

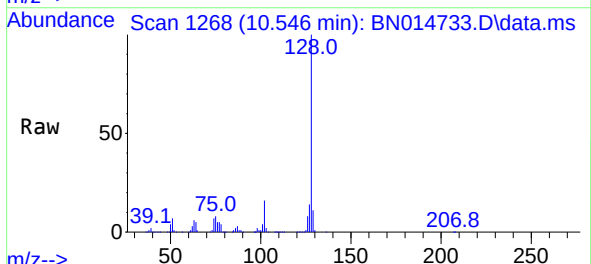
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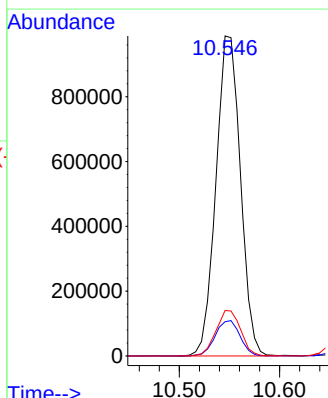
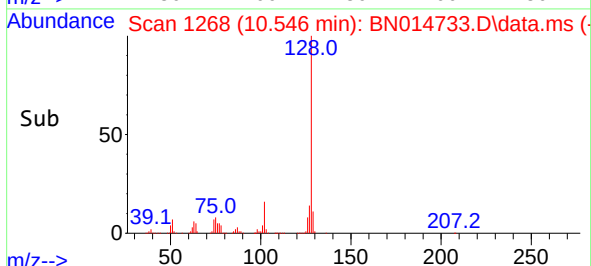
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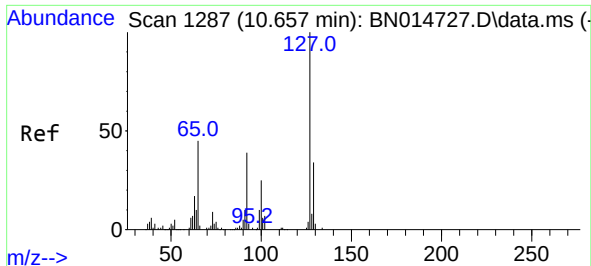


#30
Naphthalene
Concen: 32.13 ng/ul
RT: 10.546 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion:128 Resp: 1676591
Ion Ratio Lower Upper
128 100
129 10.7 8.1 12.1
127 14.2 11.0 16.4





#32
4-Chloroaniline
Concen: 4.07 ng/ul
RT: 10.657 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

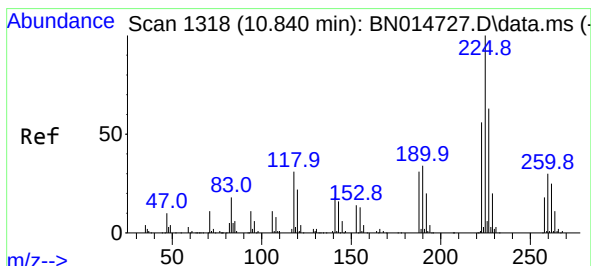
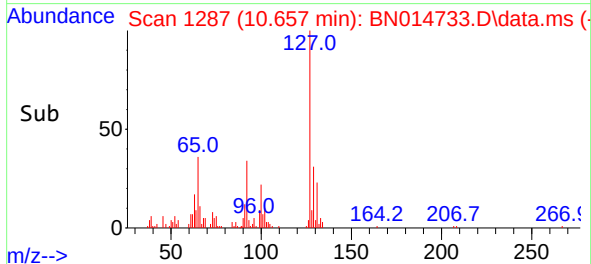
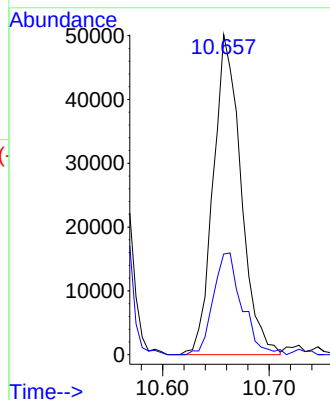
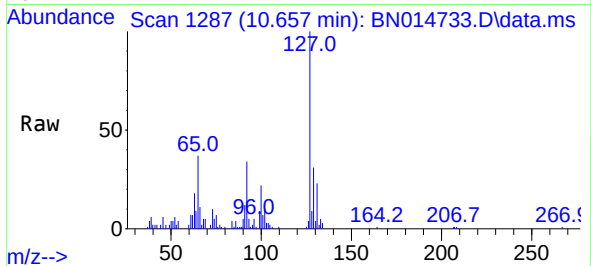
Tgt Ion:127 Resp: 90538
Ion Ratio Lower Upper
127 100
129 31.4 27.0 40.4

Instrument :
BNA_N
ClientSampled :
GB432MSD

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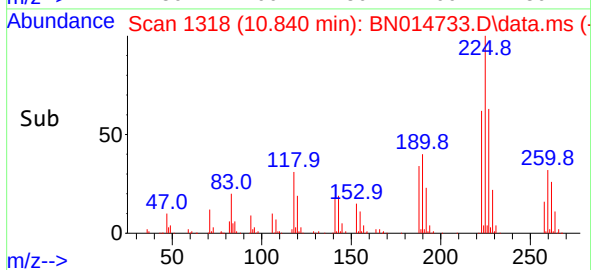
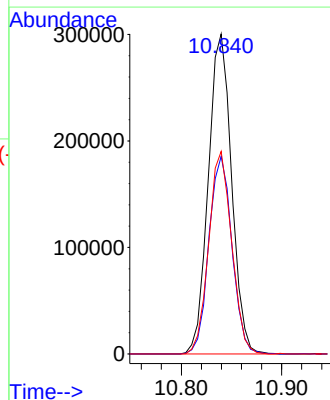
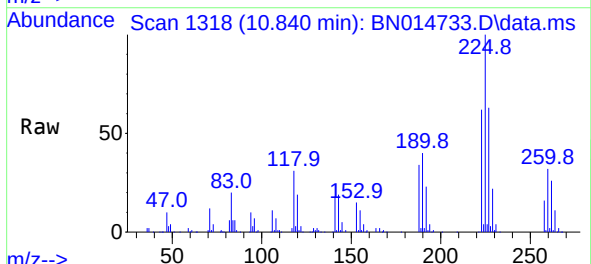
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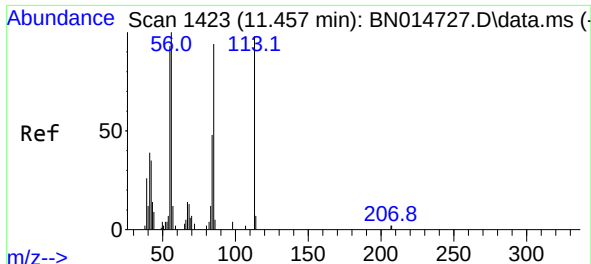
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#33
Hexachlorobutadiene
Concen: 31.93 ng/ul
RT: 10.840 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:225 Resp: 485386
Ion Ratio Lower Upper
225 100
223 61.7 53.3 79.9
227 63.3 53.3 79.9





#34
Caprolactam
Concen: 1.95 ng/ul m
RT: 11.440 min Scan# 1420
Delta R.T. -0.018 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

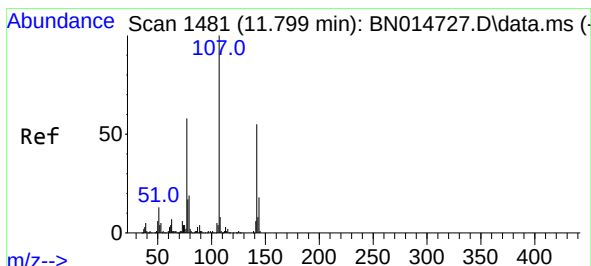
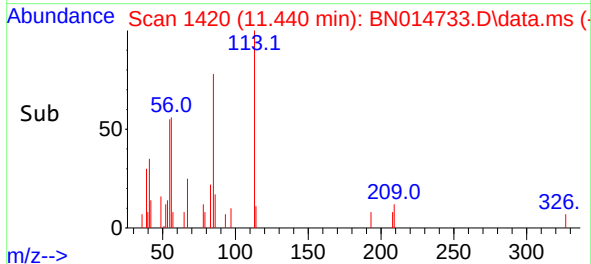
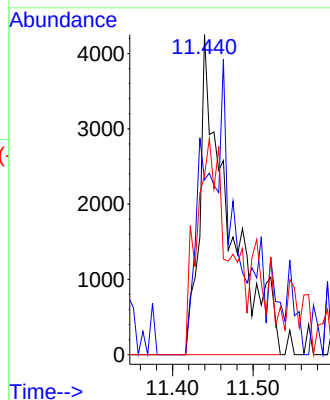
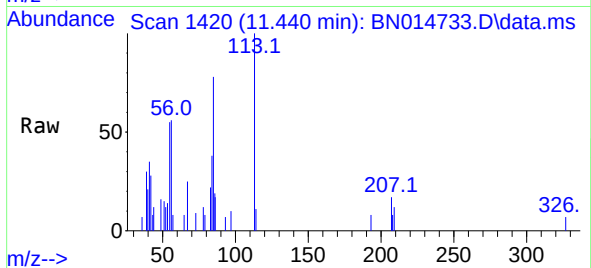
Tgt Ion:113 Resp: 10707
Ion Ratio Lower Upper
113 100
55 54.6 94.8 142.2#
56 56.0 58.6 87.8#

Instrument :
BNA_N
ClientSampled :
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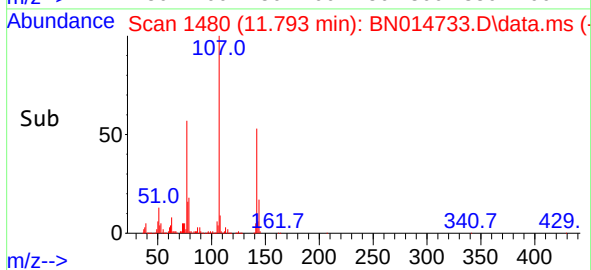
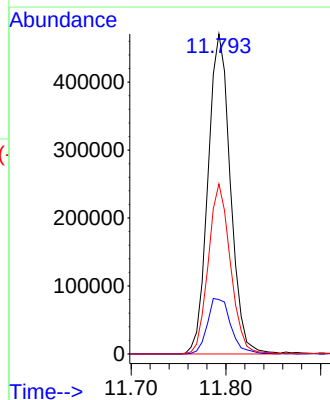
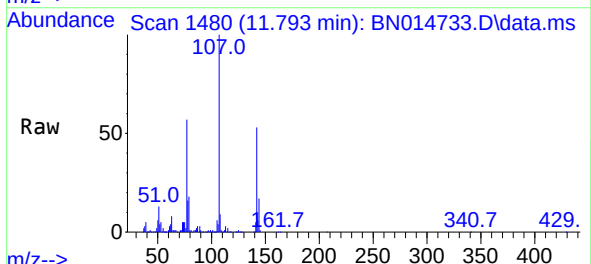
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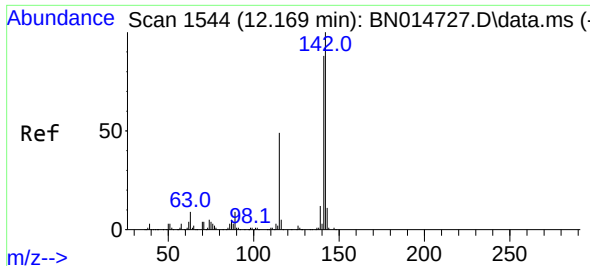
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#35
4-Chloro-3-methylphenol
Concen: 31.34 ng/ul
RT: 11.793 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:107 Resp: 772067
Ion Ratio Lower Upper
107 100
144 17.0 13.4 20.2
142 53.2 42.6 63.8





#36
2-Methylnaphthalene
Concen: 32.52 ng/ul
RT: 12.169 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

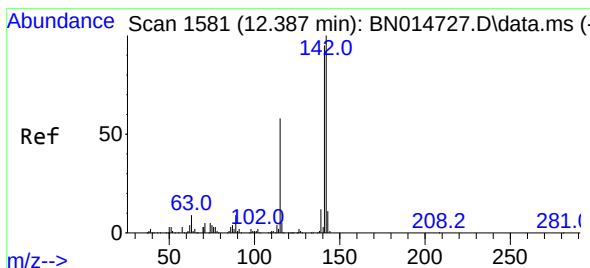
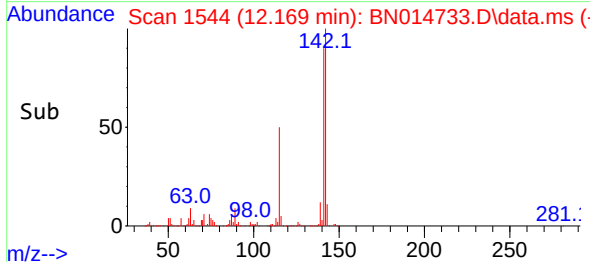
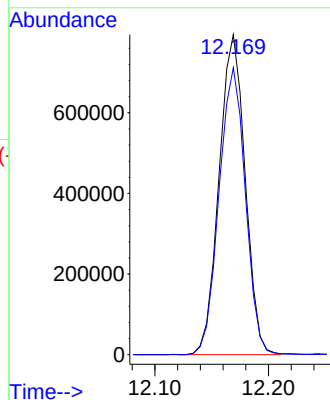
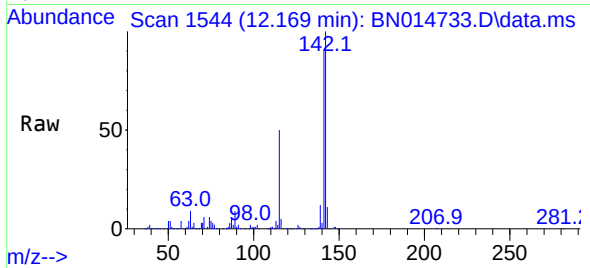
Tgt Ion:142 Resp: 1264861
Ion Ratio Lower Upper
142 100
141 89.7 73.6 110.4

Instrument :
BNA_N
ClientSampleId :
GB432MSD

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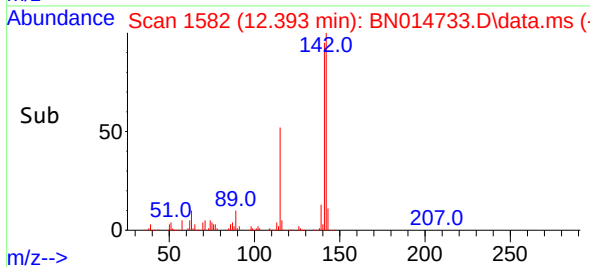
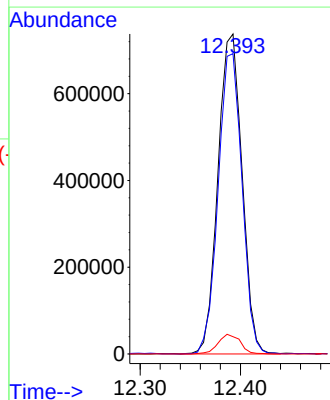
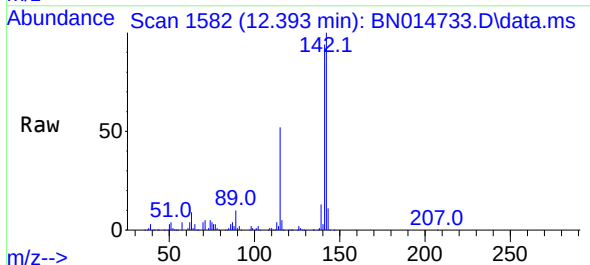
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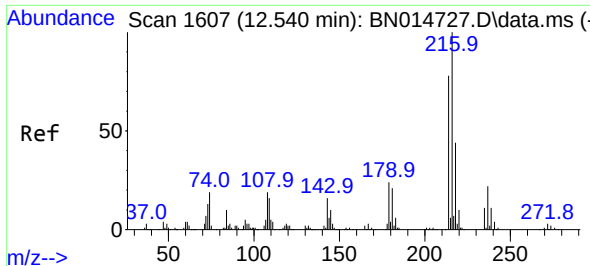
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#37
1-Methylnaphthalene
Concen: 32.16 ng/ul
RT: 12.393 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:142 Resp: 1229791
Ion Ratio Lower Upper
142 100
141 93.8 72.0 108.0
116 5.4 3.8 5.6





#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.51 ng/ul
RT: 12.545 min Scan# 1608
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

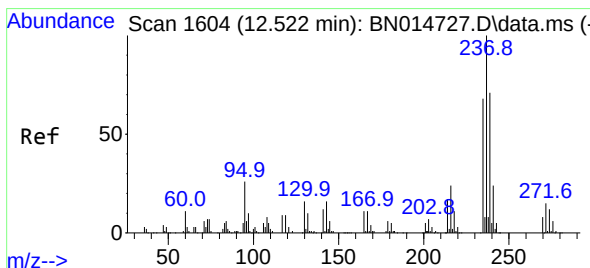
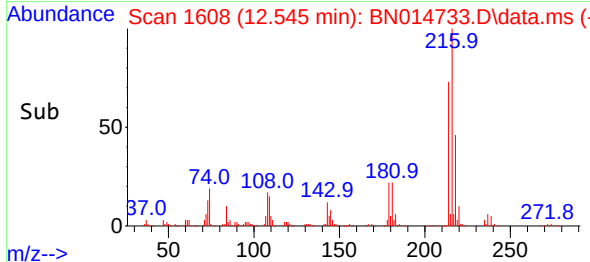
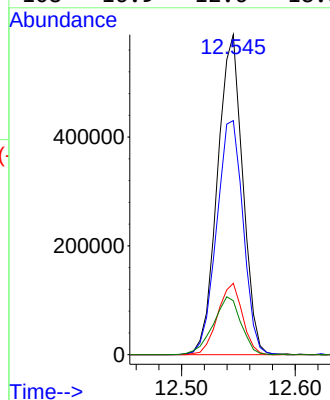
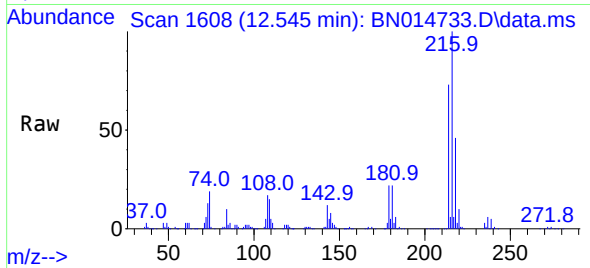
Tgt Ion:	216	Resp:	909262
Ion Ratio	Lower	Upper	
216	100		
214	73.2	65.8	98.8
179	22.3	16.7	25.1
108	16.9	12.6	18.8

Instrument :
BNA_N
ClientSampled :
GB432MSD

Manual Integrations
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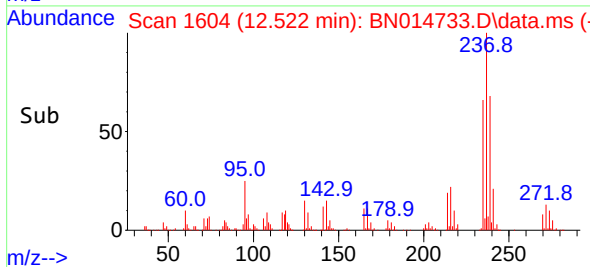
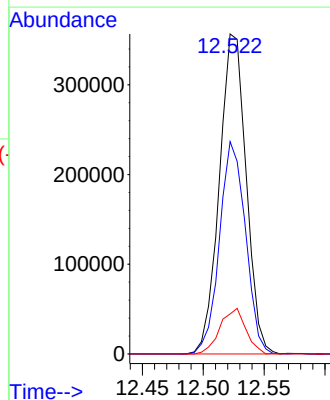
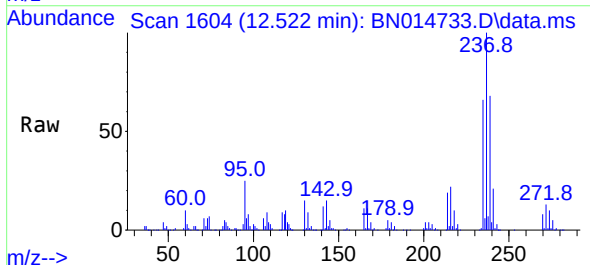
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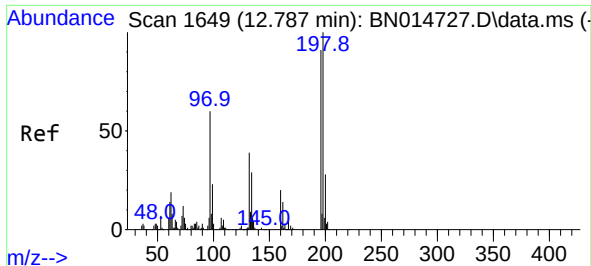
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#40
Hexachlorocyclopentadiene
Concen: 29.53 ng/ul
RT: 12.522 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:	237	Resp:	547195
Ion Ratio	Lower	Upper	
237	100		
235	66.4	49.8	74.6
272	12.5	9.9	14.9





#41
2,4,6-Trichlorophenol
Concen: 36.81 ng/ul
RT: 12.787 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

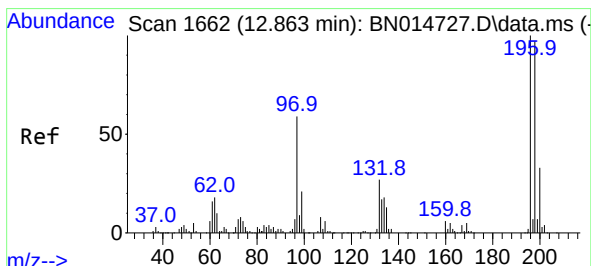
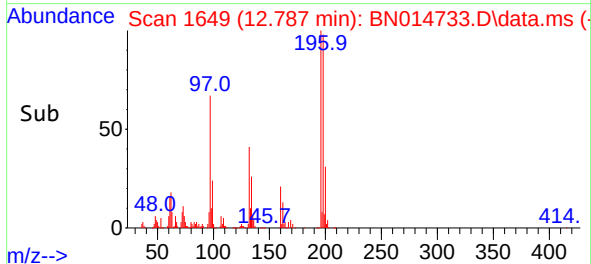
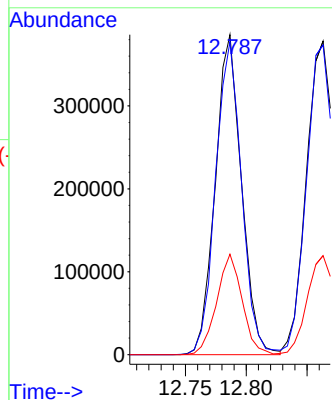
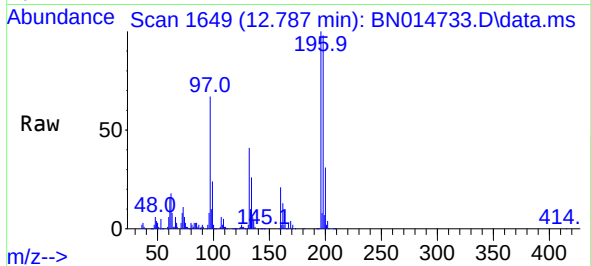
Tgt Ion:196 Resp: 578224
Ion Ratio Lower Upper
196 100
198 97.8 81.4 122.2
200 31.4 26.7 40.1

Instrument :
BNA_N
ClientSampled :
GB432MSD

Manual Integrations
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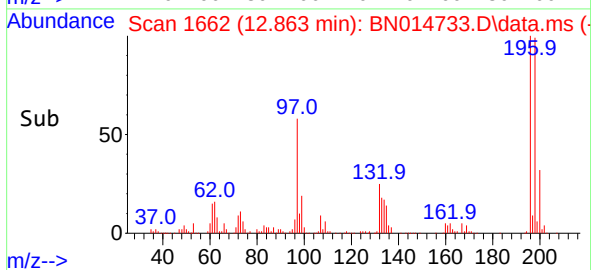
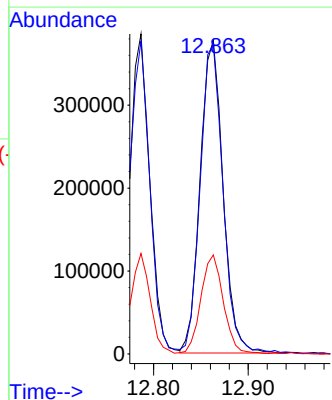
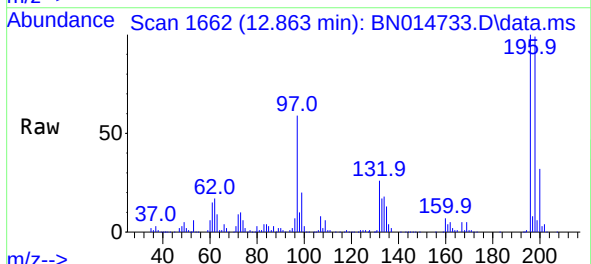
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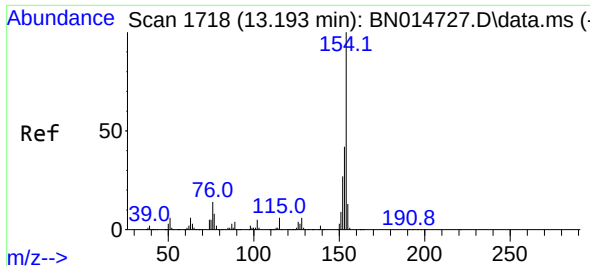
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#42
2,4,5-Trichlorophenol
Concen: 36.89 ng/ul
RT: 12.863 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:196 Resp: 632289
Ion Ratio Lower Upper
196 100
198 98.8 77.8 116.8
200 31.6 24.3 36.5





#43
1,1'-Biphenyl
Concen: 34.42 ng/ul
RT: 13.193 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

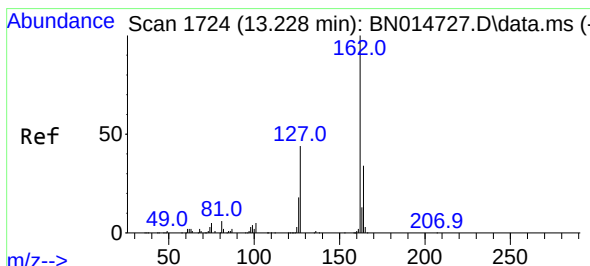
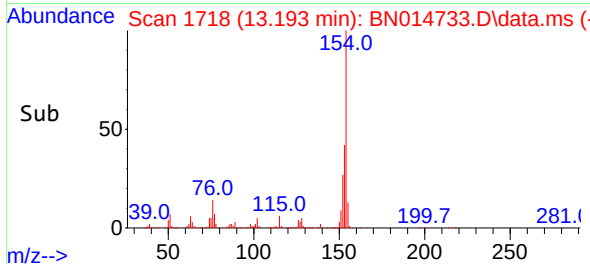
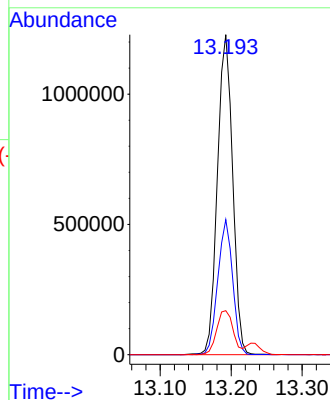
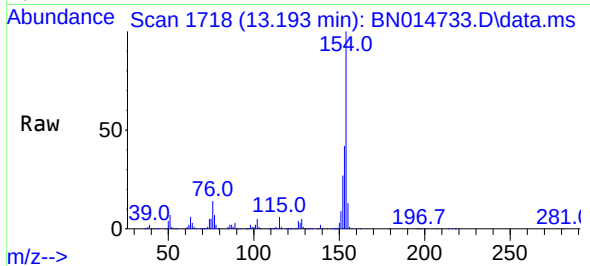
Tgt Ion:154 Resp: 1821669
Ion Ratio Lower Upper
154 100
153 42.2 32.2 48.4
76 13.7 12.3 18.5

Instrument :
BNA_N
ClientSampleId :
GB432MSD

Manual Integrations
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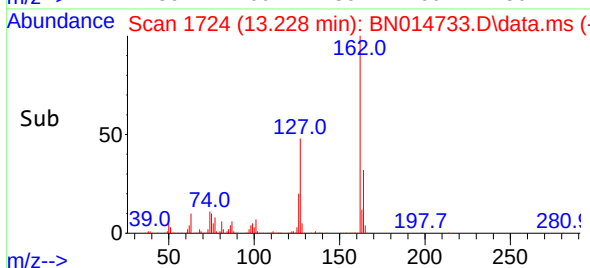
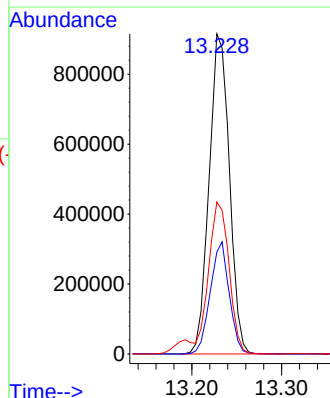
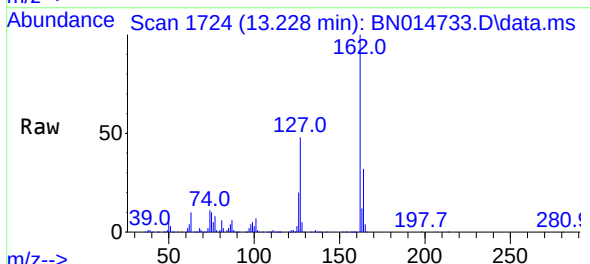
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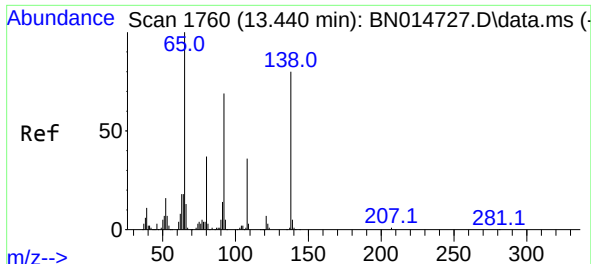
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#44
2-Chloronaphthalene
Concen: 33.85 ng/ul
RT: 13.228 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:162 Resp: 1435300
Ion Ratio Lower Upper
162 100
164 31.9 25.9 38.9
127 47.5 39.1 58.7





#45
2-Nitroaniline
Concen: 40.28 ng/ul
RT: 13.440 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

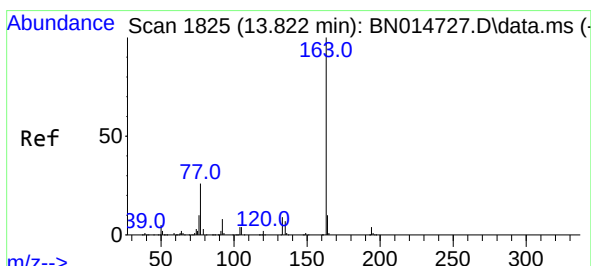
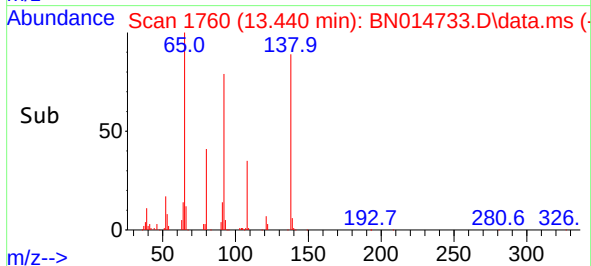
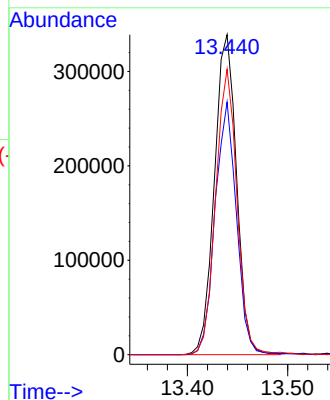
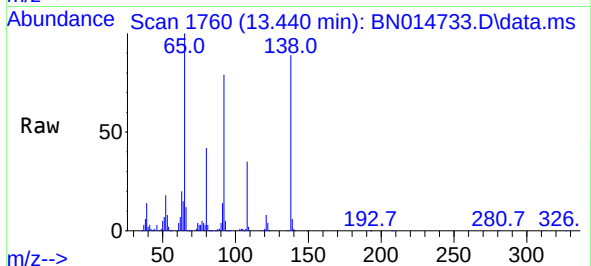
Tgt Ion: 65 Resp: 520175
Ion Ratio Lower Upper
65 100
92 78.9 60.5 90.7
138 89.2 67.0 100.6

Instrument :
BNA_N
ClientSampleId :
GB432MSD

Manual Integrations
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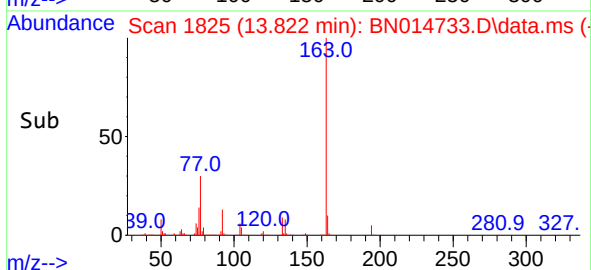
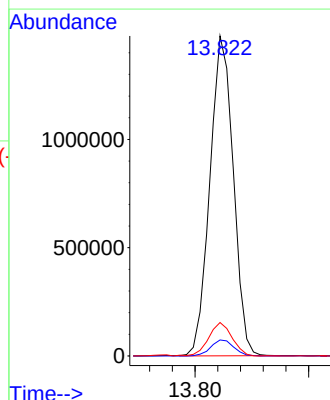
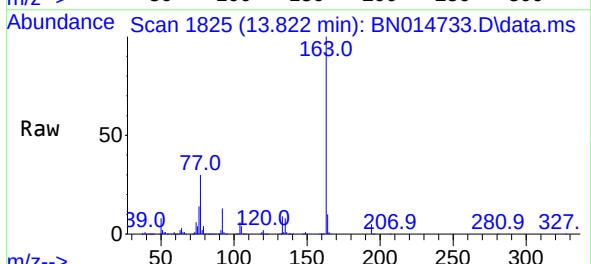
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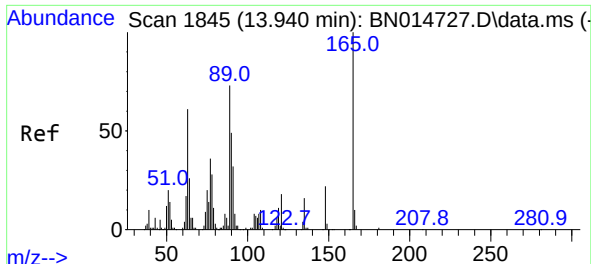
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#47
Dimethylphthalate
Concen: 36.40 ng/ul
RT: 13.822 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:163 Resp: 2115924
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.8
164 10.4 8.7 13.1





#48
2,6-Dinitrotoluene
Concen: 41.42 ng/ul
RT: 13.940 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

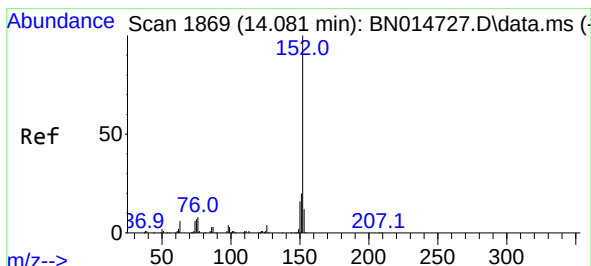
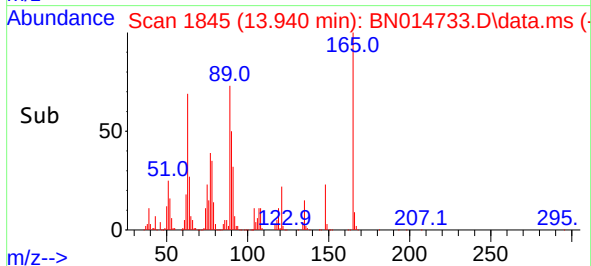
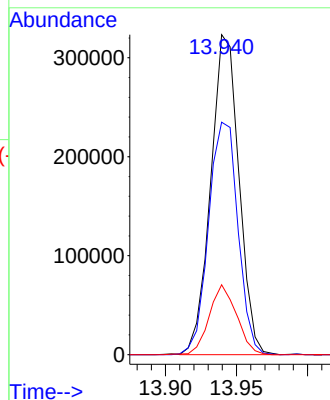
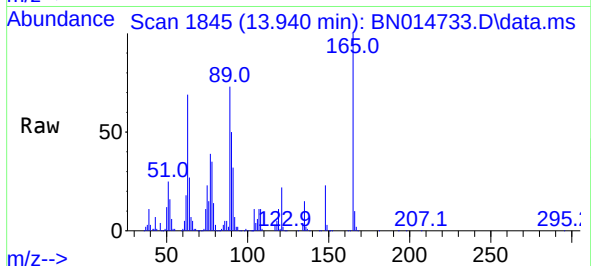
Tgt Ion:165 Resp: 447498
Ion Ratio Lower Upper
165 100
89 72.6 63.0 94.6
121 21.9 15.8 23.8

Instrument :
BNA_N
ClientSampleId :
GB432MSD

Manual Integrations
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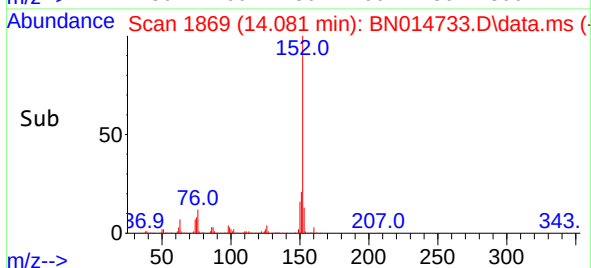
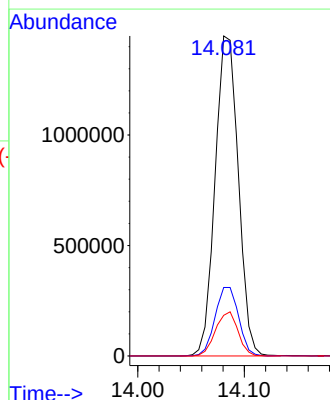
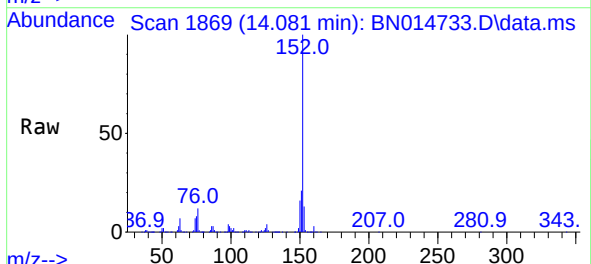
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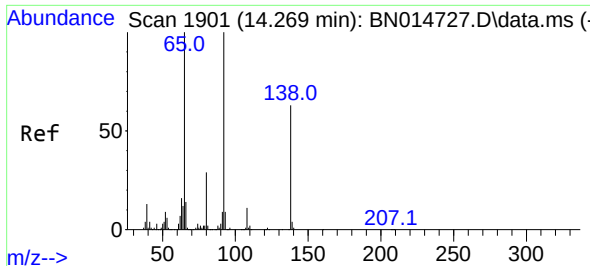
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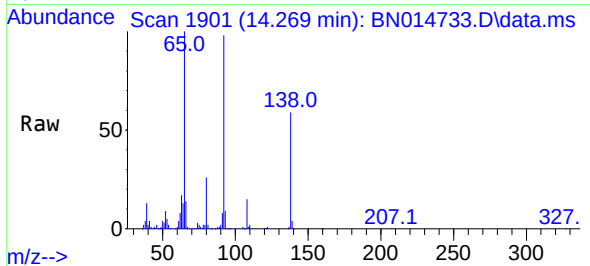
#50
Acenaphthylene
Concen: 35.02 ng/ul
RT: 14.081 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:152 Resp: 2188504
Ion Ratio Lower Upper
152 100
151 21.4 17.8 26.8
153 12.7 11.2 16.8

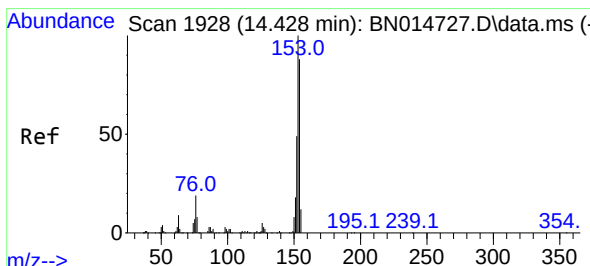
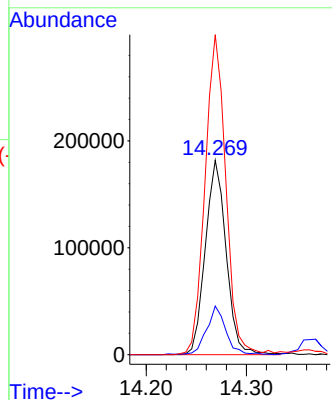
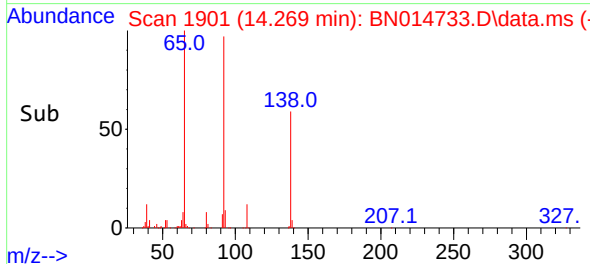




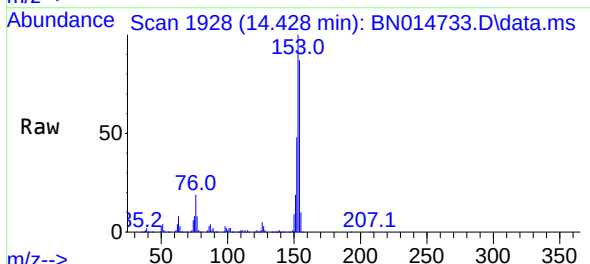
#51
3-Nitroaniline
Concen: 25.13 ng/ul
RT: 14.269 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



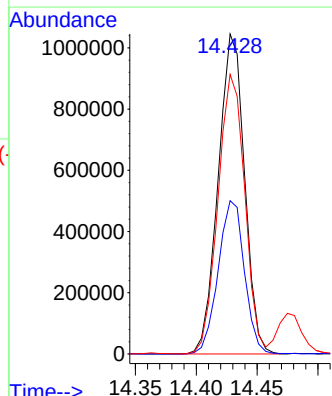
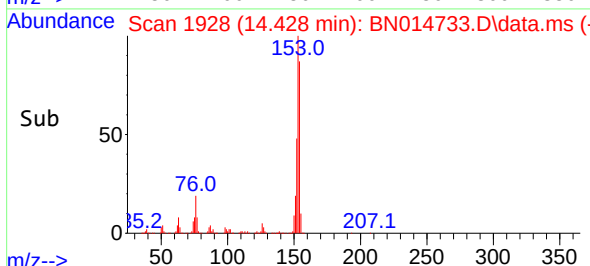
Tgt Ion:138 Resp: 263437
Ion Ratio Lower Upper
138 100
108 25.0 17.0 25.4
92 164.7 133.6 200.4



#52
Acenaphthene
Concen: 34.78 ng/ul
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion:153 Resp: 1574908
Ion Ratio Lower Upper
153 100
152 47.9 37.7 56.5
154 87.4 67.8 101.6

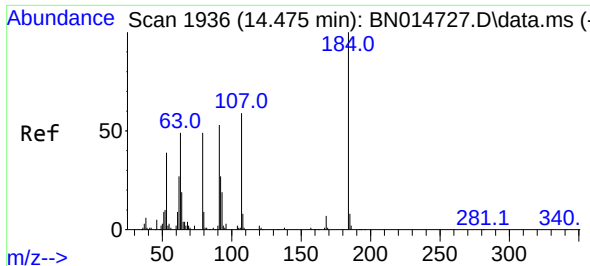


Instrument :
BNA_N
ClientSampleId :
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#53
2,4-Dinitrophenol
Concen: 30.12 ng/ul
RT: 14.475 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

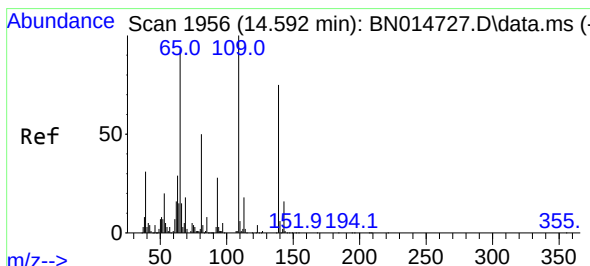
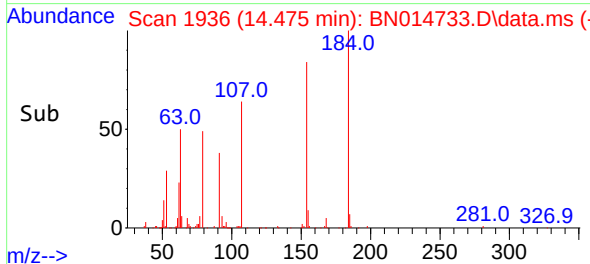
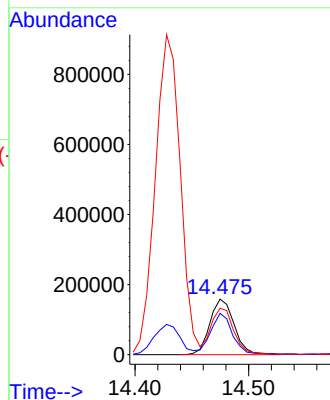
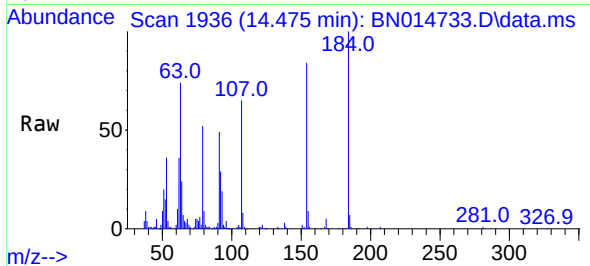
Tgt Ion:184 Resp: 236253
Ion Ratio Lower Upper
184 100
63 74.3 54.3 81.5
154 83.7 70.0 105.0

Instrument :
BNA_N
ClientSampleId :
GB432MSD

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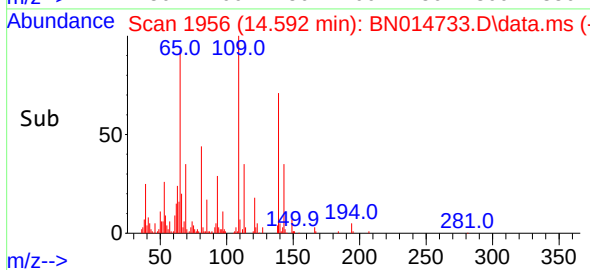
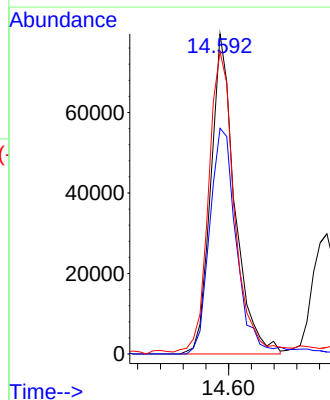
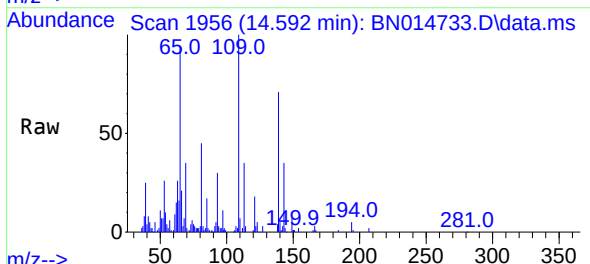
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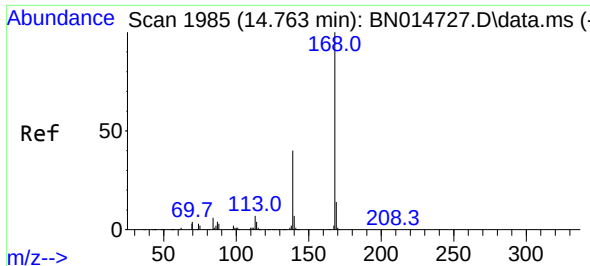
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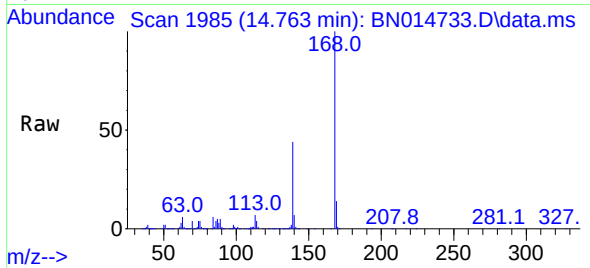
#55
4-Nitrophenol
Concen: 6.52 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:109 Resp: 116636
Ion Ratio Lower Upper
109 100
139 70.5 59.8 89.8
65 94.5 68.6 102.8

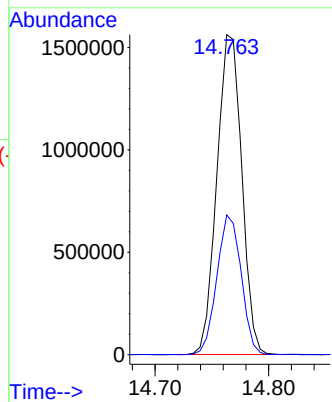
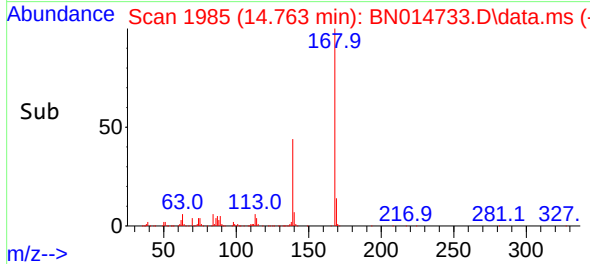




#56
Dibenzenofuran
Concen: 35.37 ng/ul
RT: 14.763 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion:168 Resp: 2382326
Ion Ratio Lower Upper
168 100
139 43.7 29.5 44.3

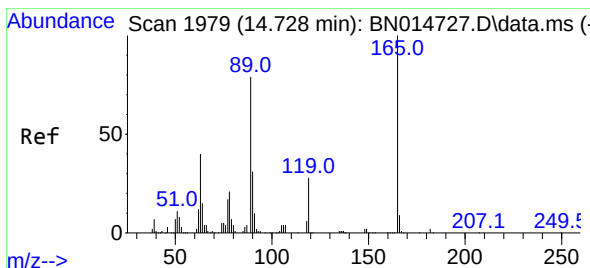


Instrument :
BNA_N
ClientSampleId :
GB432MSD

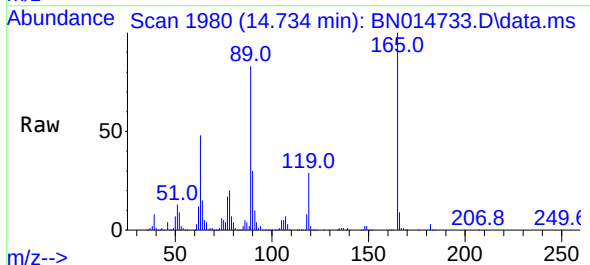
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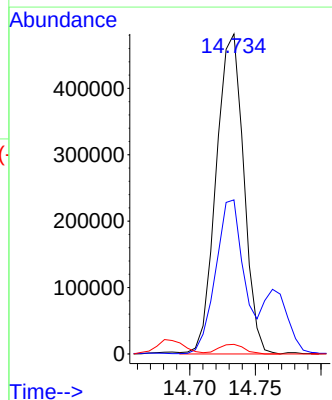
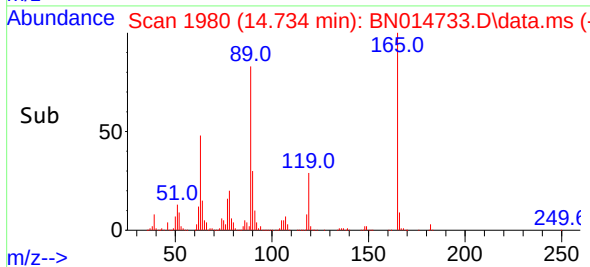
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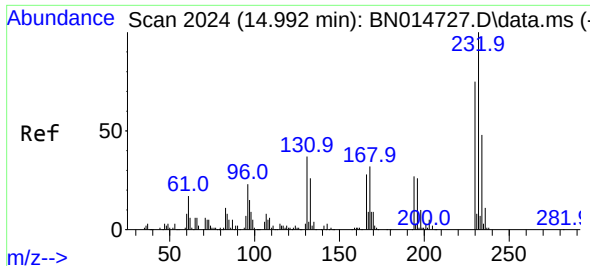


#57
2,4-Dinitrotoluene
Concen: 40.84 ng/ul
RT: 14.734 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

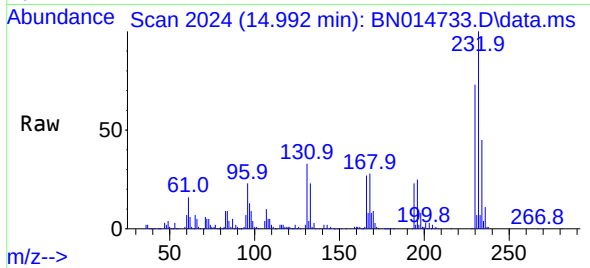


Tgt Ion:165 Resp: 703123
Ion Ratio Lower Upper
165 100
63 48.1 37.6 56.4
182 3.0 1.8 2.6#

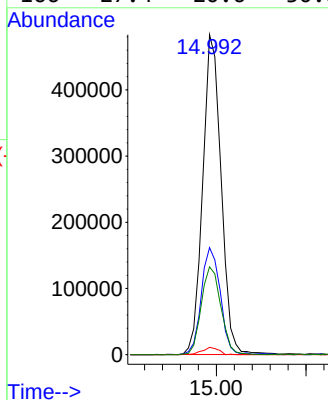
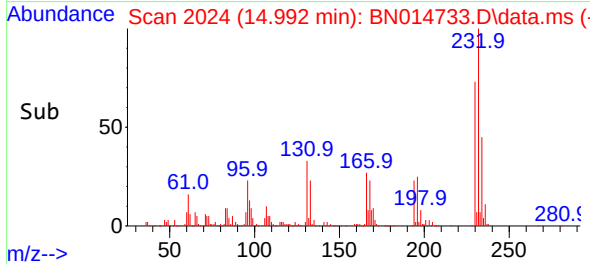




#58
2,3,4,6-Tetrachlorophenol
Concen: 38.97 ng/ul
RT: 14.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion:232 Resp: 687122
Ion Ratio Lower Upper
232 100
131 33.4 27.8 41.8
130 2.3 1.7 2.5
166 27.4 20.6 30.8

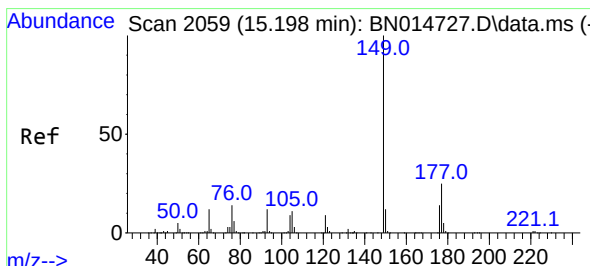


Instrument :
BNA_N
ClientSampleID :
GB432MSD

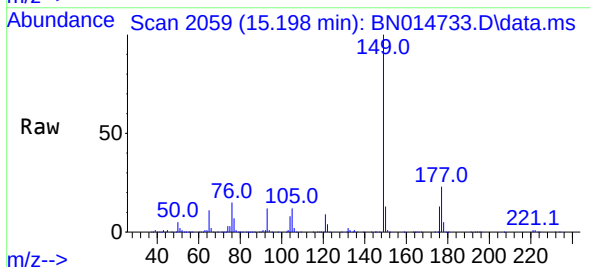
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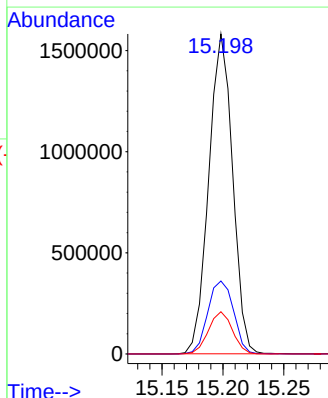
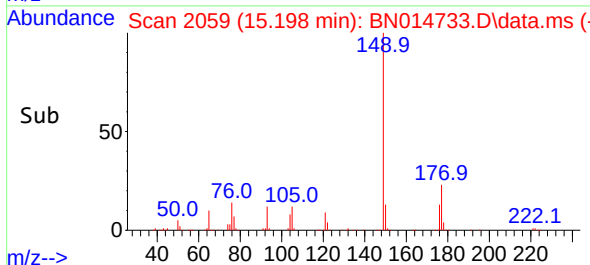
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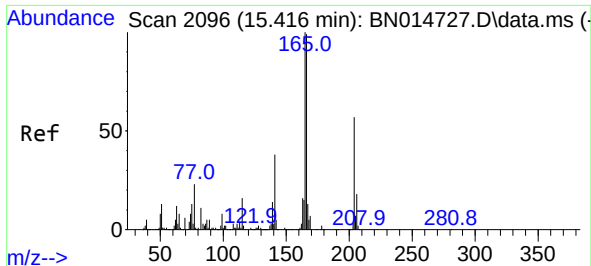


#59
Diethylphthalate
Concen: 38.59 ng/ul
RT: 15.198 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

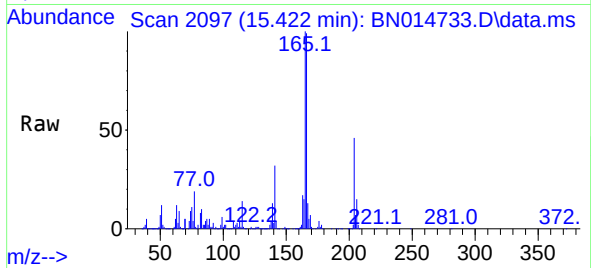


Tgt Ion:149 Resp: 2156872
Ion Ratio Lower Upper
149 100
177 22.8 20.6 31.0
150 13.2 11.4 17.2

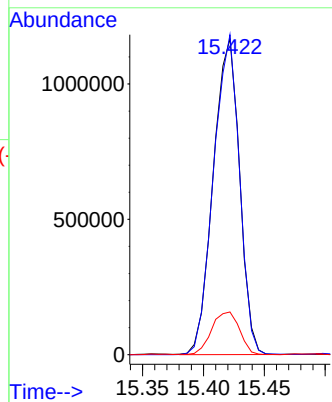
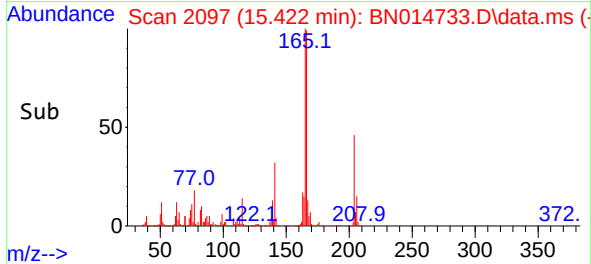




#61
Fluorene
Concen: 34.66 ng/ul
RT: 15.422 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion:166 Resp: 1756254
Ion Ratio Lower Upper
166 100
165 101.3 74.6 111.8
167 13.5 11.1 16.7

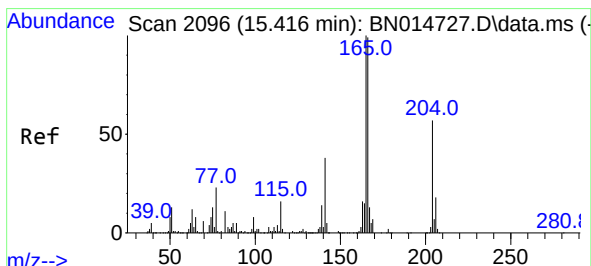


Instrument :
BNA_N
ClientSampled :
GB432MSD

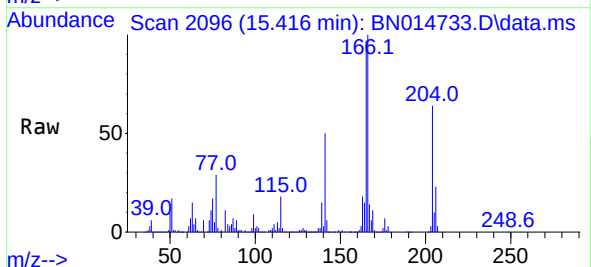
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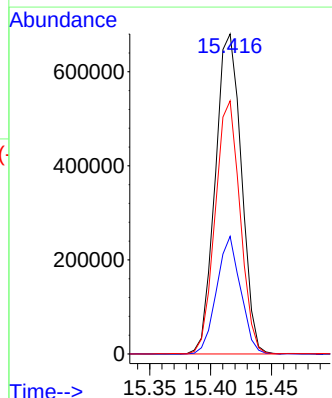
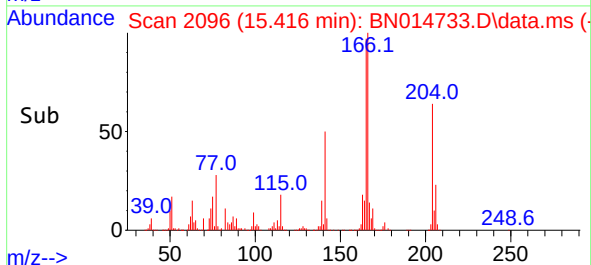
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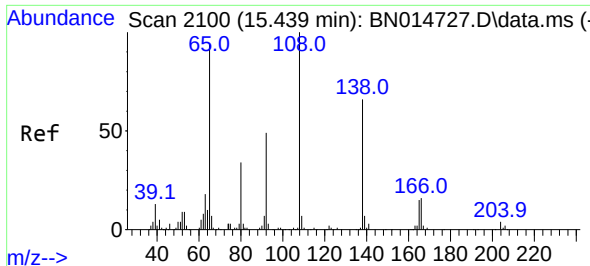


#62
4-Chlorophenyl-phenylether
Concen: 33.90 ng/ul
RT: 15.416 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion:204 Resp: 1016195
Ion Ratio Lower Upper
204 100
206 36.8 27.2 40.8
141 79.1 52.1 78.1#





#63
4-Nitroaniline
Concen: 32.11 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

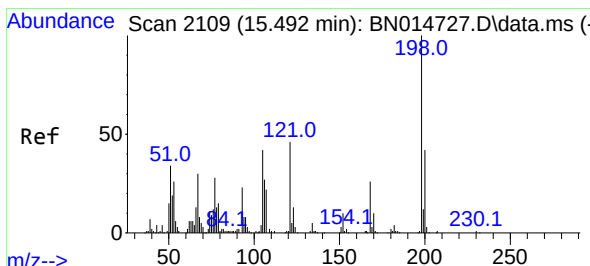
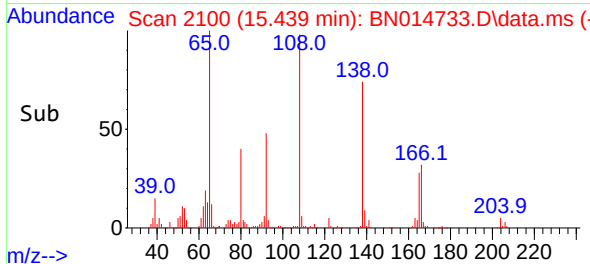
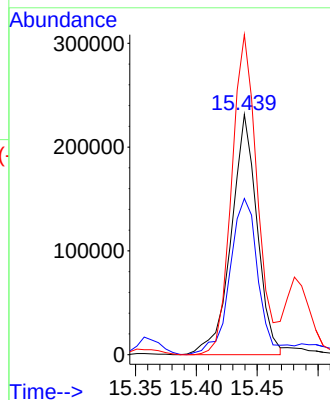
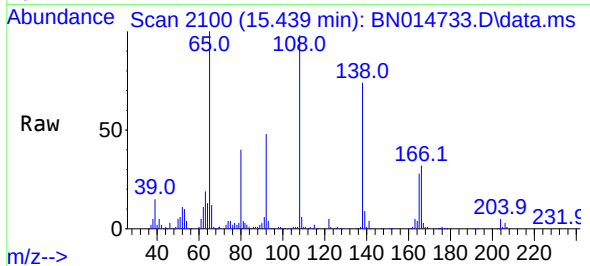
Tgt Ion:138 Resp: 341917
Ion Ratio Lower Upper
138 100
92 65.0 57.5 86.3
108 133.2 109.3 163.9

Instrument :
BNA_N
ClientSampled :
GB432MSD

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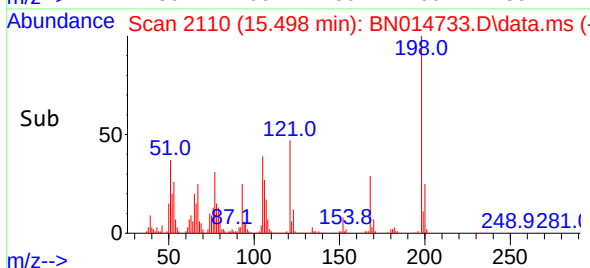
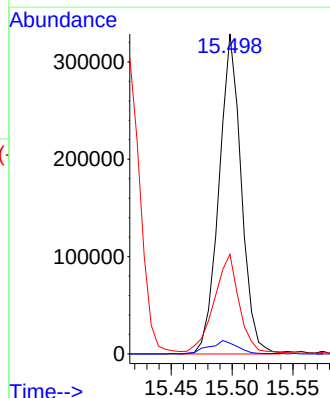
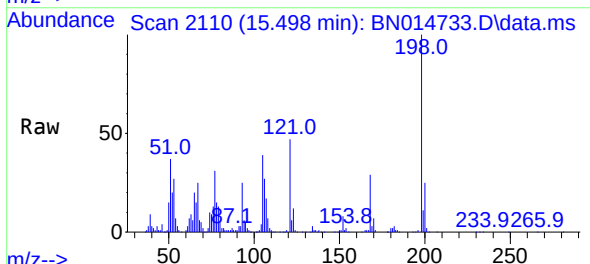
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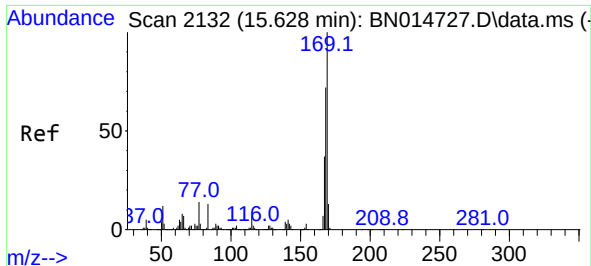
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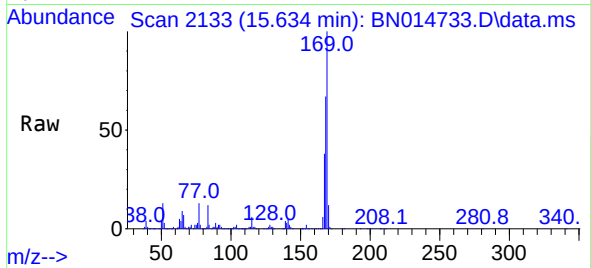
#66
4,6-Dinitro-2-methylphenol
Concen: 44.56 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:198 Resp: 419001
Ion Ratio Lower Upper
198 100
182 3.4 4.1 6.1#
77 31.2 20.8 31.2



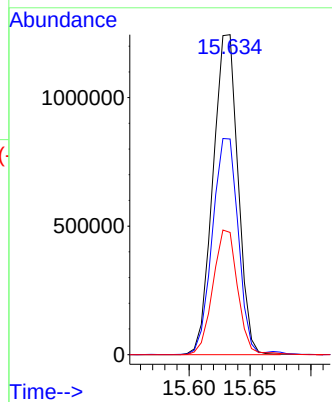
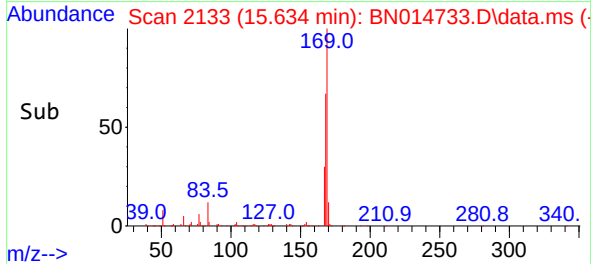


#67
N-Nitrosodiphenylamine
Concen: 37.62 ng/ul
RT: 15.634 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion:169 Resp: 1780788

Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.7	82.1
167	38.2	30.6	46.0

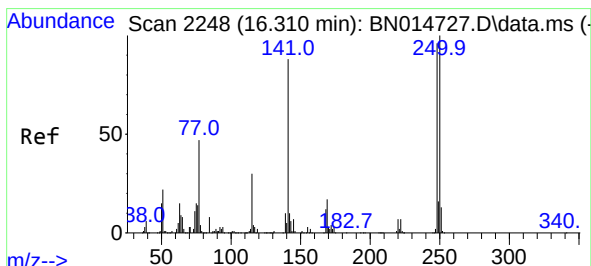


Instrument :
BNA_N
ClientSampleId :
GB432MSD

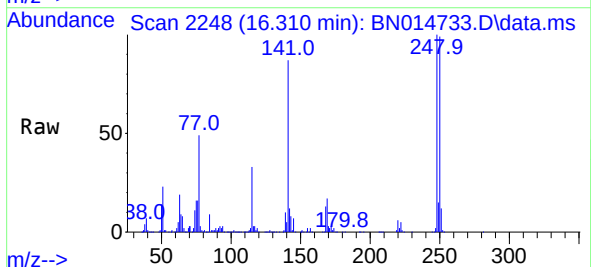
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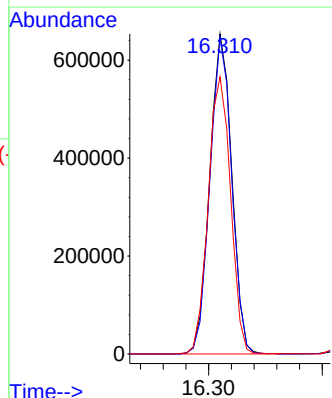
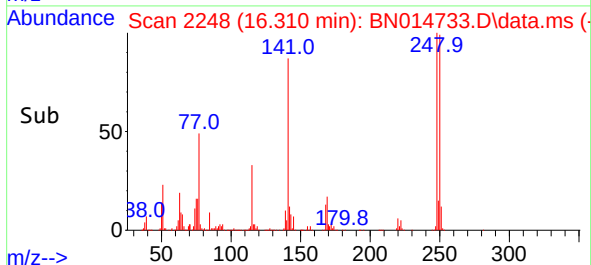


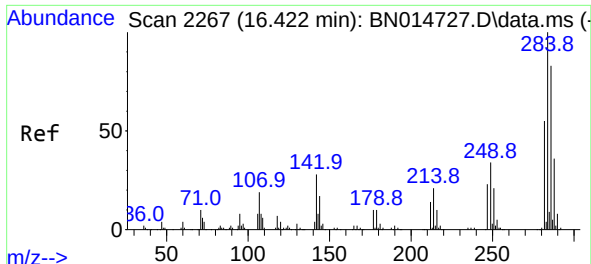
#68
4-Bromophenyl-phenylether
Concen: 38.49 ng/ul
RT: 16.310 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion:248 Resp: 880914

Ion	Ratio	Lower	Upper
248	100		
250	98.8	74.2	111.2
141	86.5	63.4	95.2





#69
Hexachlorobenzene
Concen: 35.99 ng/u1
RT: 16.422 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

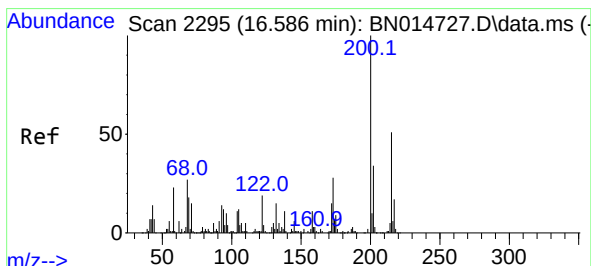
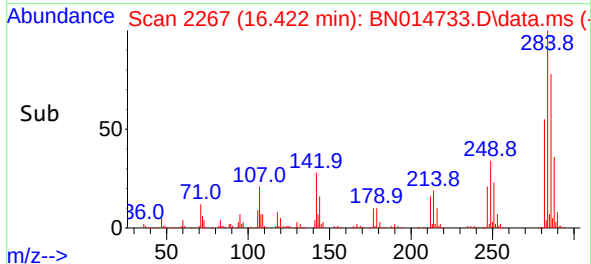
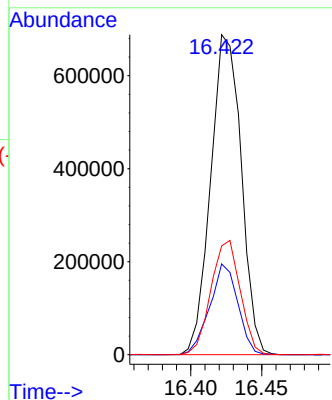
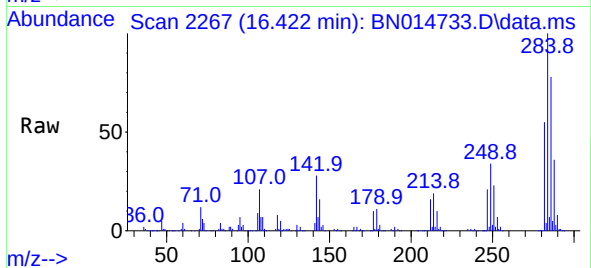
Tgt Ion:284 Resp: 1030474
Ion Ratio Lower Upper
284 100
142 28.4 20.6 30.8
249 34.0 27.3 40.9

Instrument :
BNA_N
ClientSampled :
GB432MSD

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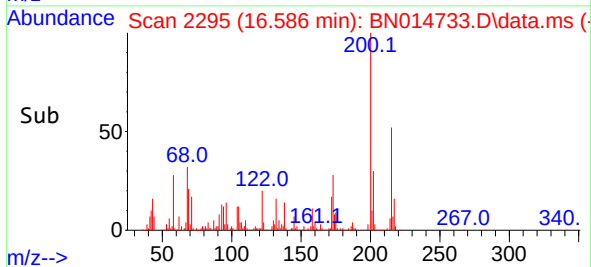
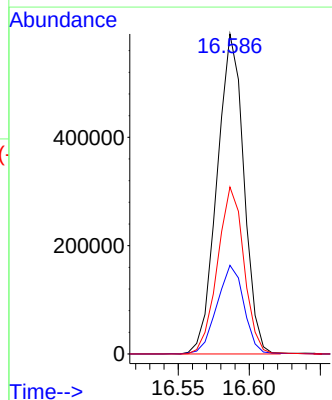
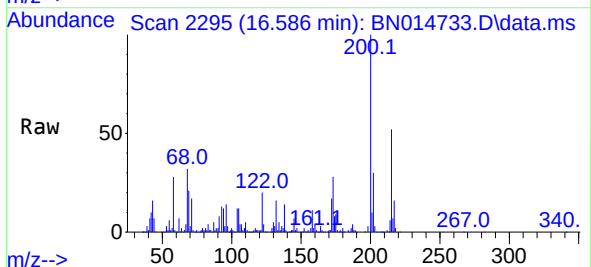
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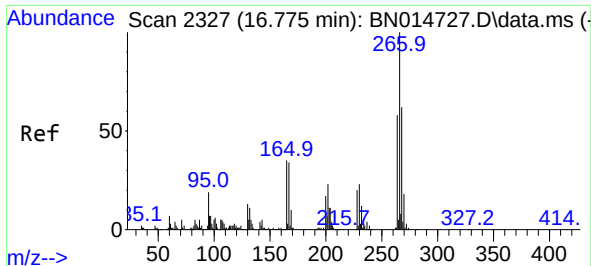
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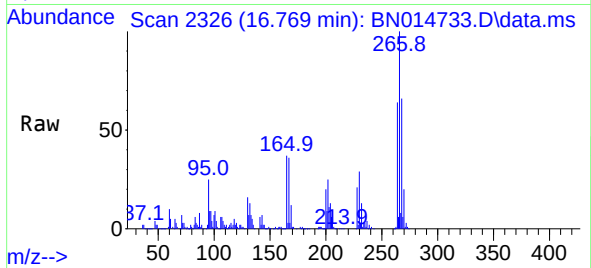
#70
Atrazine
Concen: 39.63 ng/u1
RT: 16.586 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:200 Resp: 775695
Ion Ratio Lower Upper
200 100
173 27.7 22.0 33.0
215 52.2 38.3 57.5

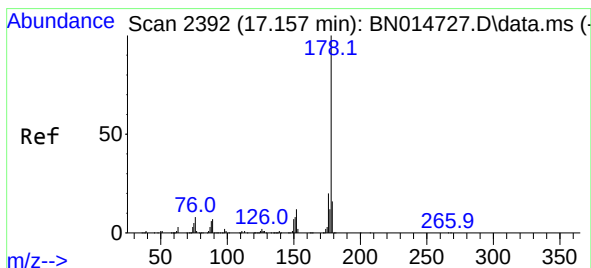
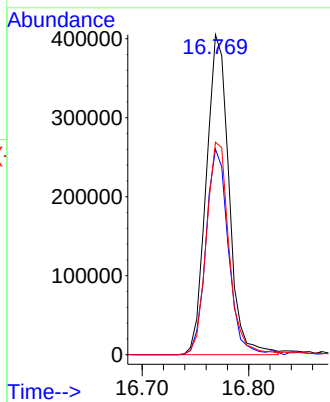
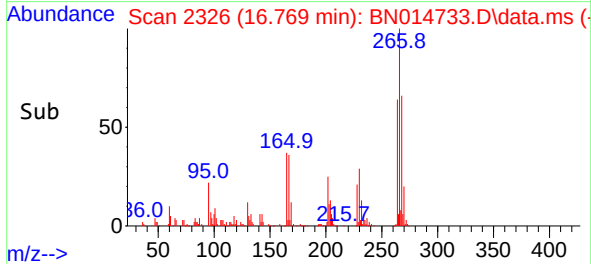




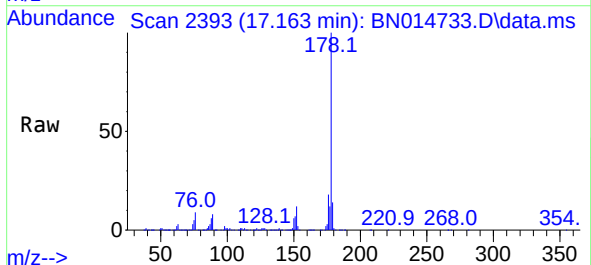
#71
 Pentachlorophenol
 Concen: 36.34 ng/ul
 RT: 16.769 min Scan# 2326
 Delta R.T. -0.006 min
 Lab File: BN014733.D
 Acq: 25 May 2021 13:29



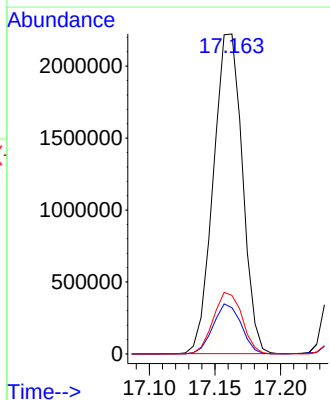
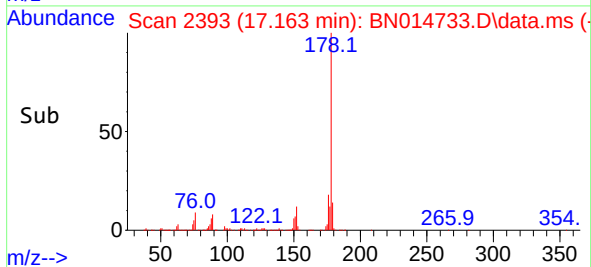
Tgt Ion:266 Resp: 598939
 Ion Ratio Lower Upper
 266 100
 264 64.3 47.8 71.6
 268 66.4 48.4 72.6



#72
 Phenanthrene
 Concen: 37.19 ng/ul
 RT: 17.163 min Scan# 2393
 Delta R.T. 0.006 min
 Lab File: BN014733.D
 Acq: 25 May 2021 13:29



Tgt Ion:178 Resp: 3414714
 Ion Ratio Lower Upper
 178 100
 179 14.5 12.9 19.3
 176 18.3 15.4 23.0

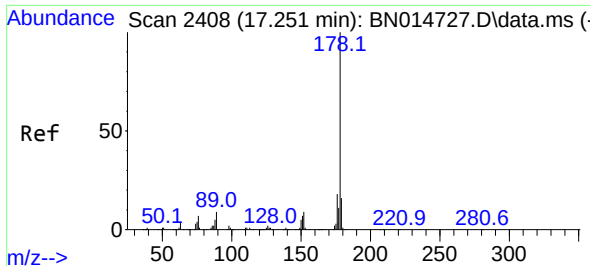


Instrument :
 BNA_N
 ClientSampled :
 GB432MSD

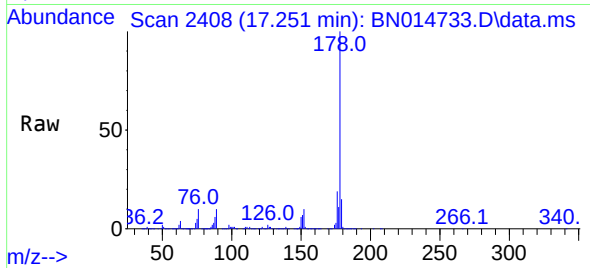
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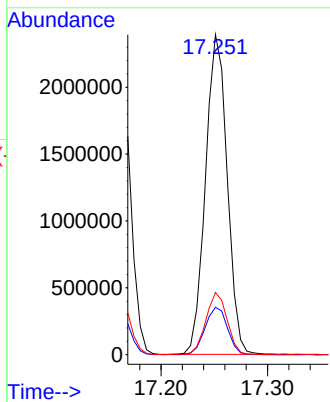
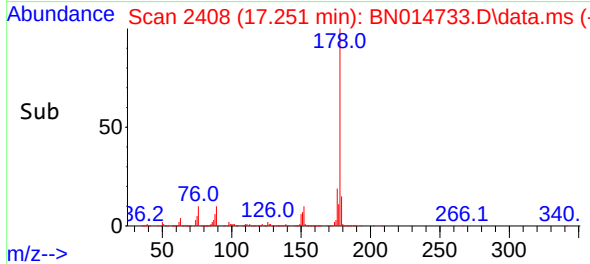


#74
 Anthracene
 Concen: 36.62 ng/uL
 RT: 17.251 min Scan# 2408
 Delta R.T. -0.000 min
 Lab File: BN014733.D
 Acq: 25 May 2021 13:29



Tgt Ion:178 Resp: 3389283

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.9	19.3
176	19.4	15.3	22.9

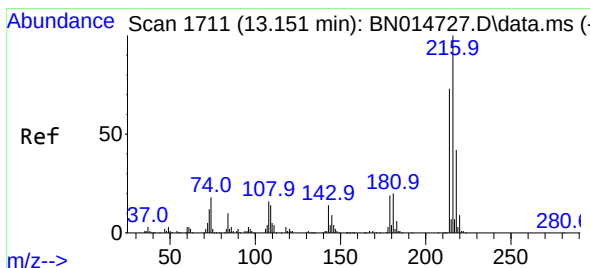


Instrument :
 BNA_N
 ClientSampleId :
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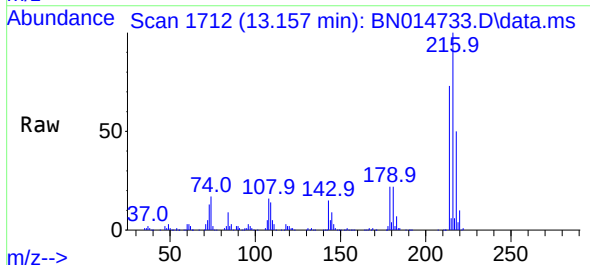
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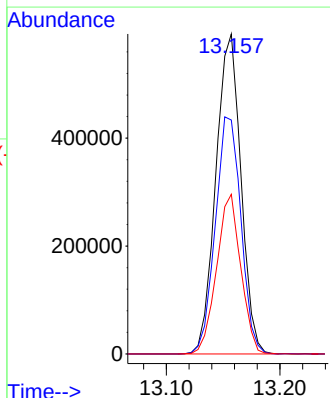
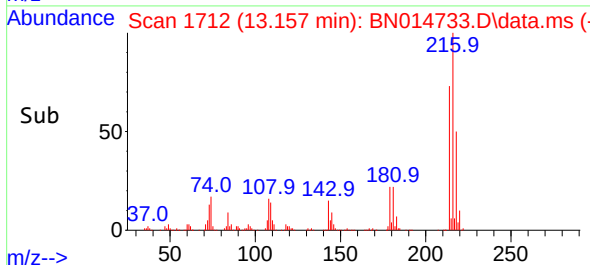


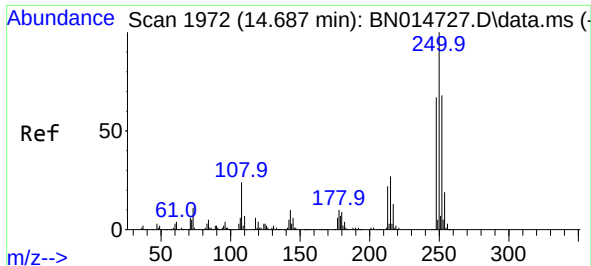
#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 31.30 ng/uL
 RT: 13.157 min Scan# 1712
 Delta R.T. 0.006 min
 Lab File: BN014733.D
 Acq: 25 May 2021 13:29



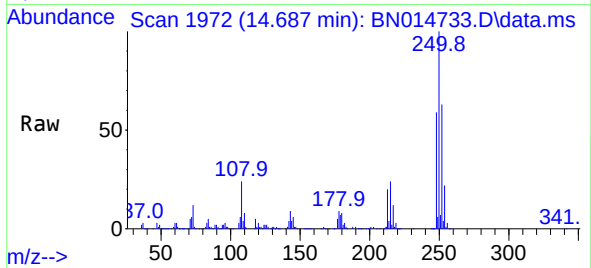
Tgt Ion:216 Resp: 908991

Ion	Ratio	Lower	Upper
216	100		
214	73.1	58.6	87.8
218	49.9	43.5	65.3

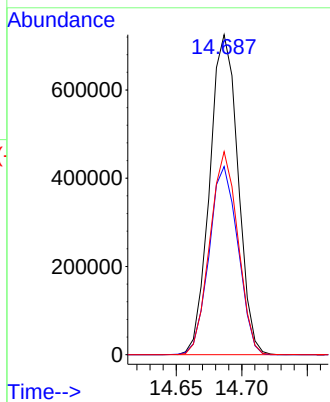
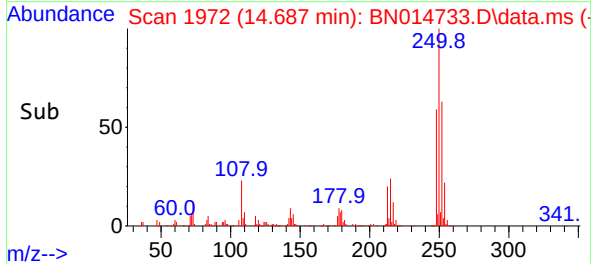




#76
Pentachlorobenzene
Concen: 36.24 ng/uL
RT: 14.687 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion:250 Resp: 1088379
Ion Ratio Lower Upper
250 100
248 58.8 49.5 74.3
252 63.5 51.7 77.5

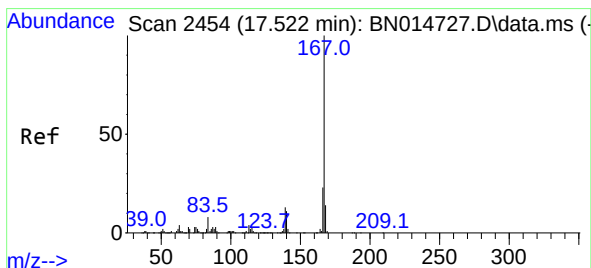


Instrument :
BNA_N
ClientSampleId :
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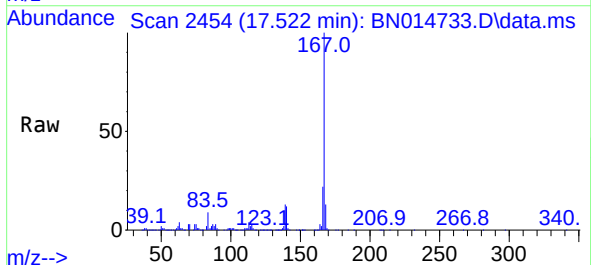
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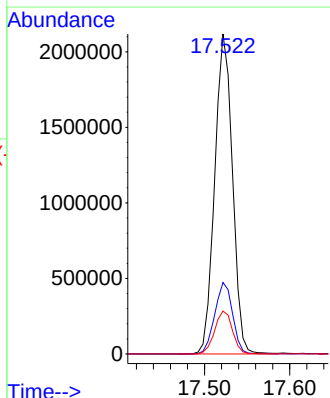
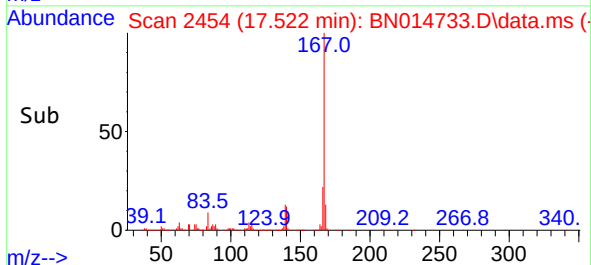
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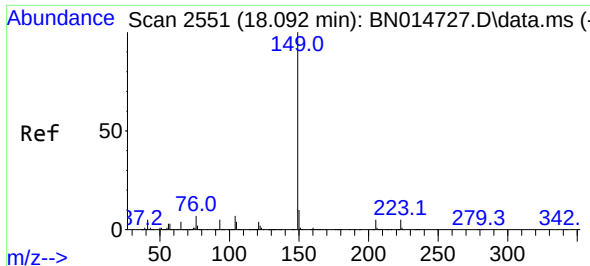


#77
Carbazole
Concen: 39.34 ng/uL
RT: 17.522 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion:167 Resp: 3068719
Ion Ratio Lower Upper
167 100
166 22.3 17.4 26.0
139 13.4 10.6 15.8





#78
Di-n-butylphthalate
Concen: 39.97 ng/ul
RT: 18.098 min Scan# 2552
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

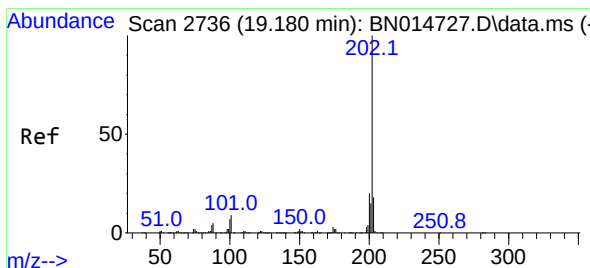
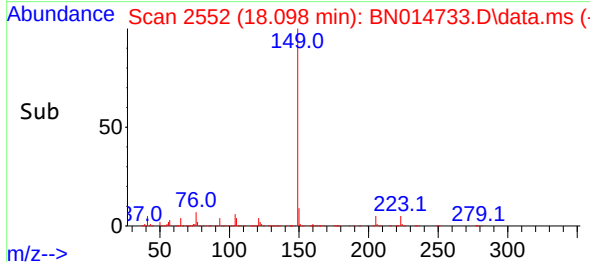
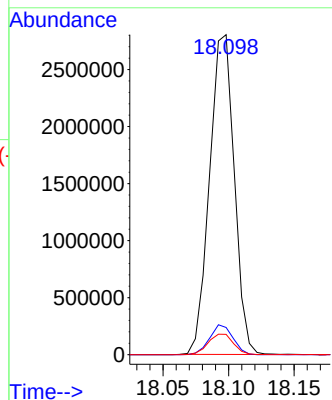
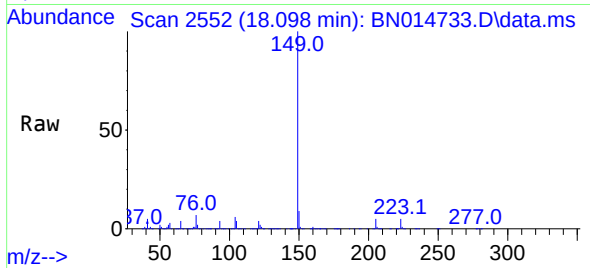
Tgt Ion:149 Resp: 3673996
Ion Ratio Lower Upper
149 100
150 8.5 6.5 9.7
104 6.4 5.6 8.4

Instrument :
BNA_N
ClientSampleId :
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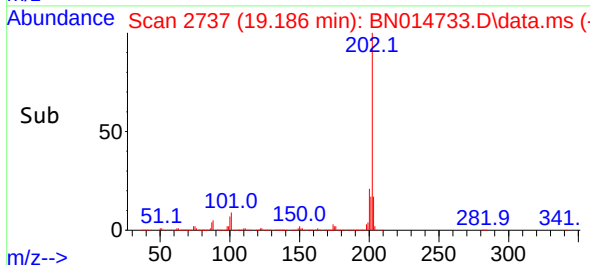
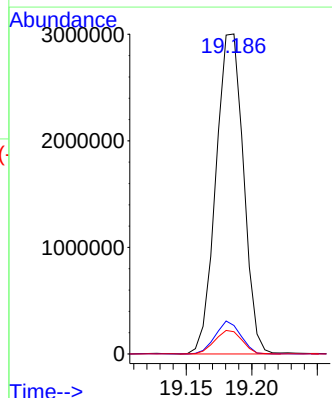
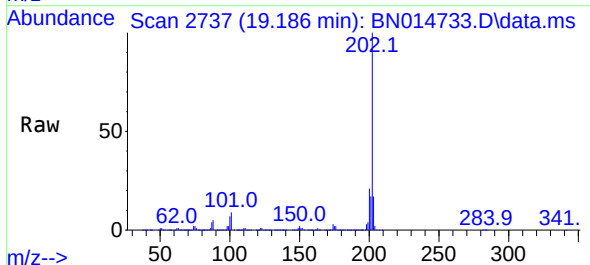
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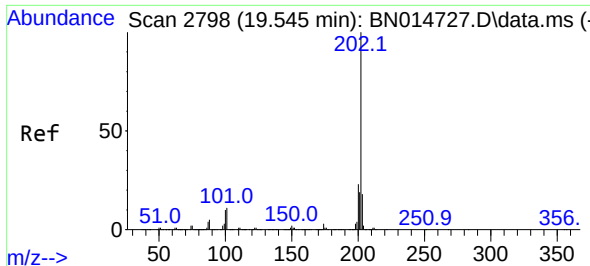
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#80
Fluoranthene
Concen: 41.18 ng/ul
RT: 19.186 min Scan# 2737
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:202 Resp: 4383888
Ion Ratio Lower Upper
202 100
101 8.9 7.6 11.4
100 7.0 5.6 8.4





#82
Pyrene
Concen: 40.72 ng/ul
RT: 19.551 min Scan# 2799
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

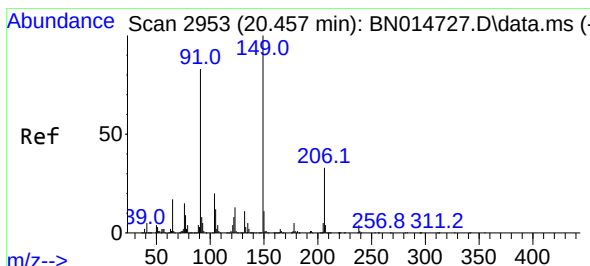
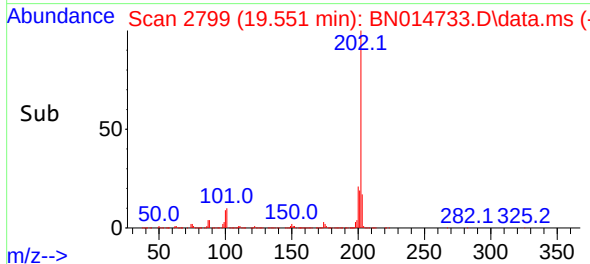
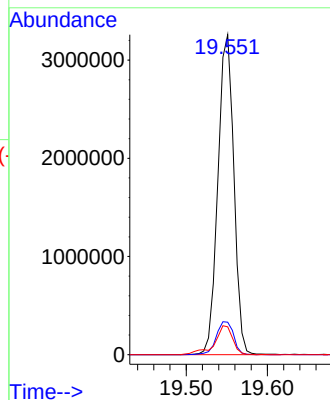
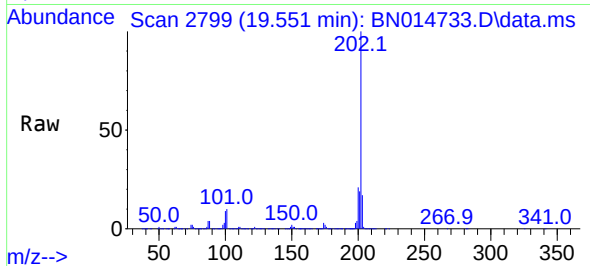
Tgt Ion:202 Resp: 4457799
Ion Ratio Lower Upper
202 100
101 10.1 8.7 13.1
100 8.7 6.2 9.4

Instrument :
BNA_N
ClientSampleId :
GB432MSD

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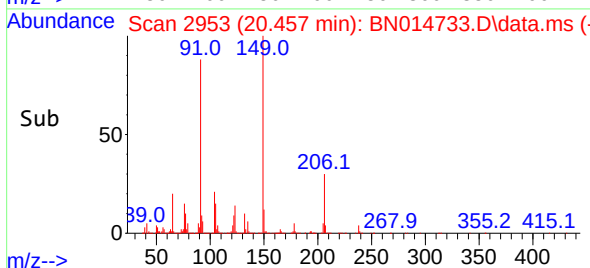
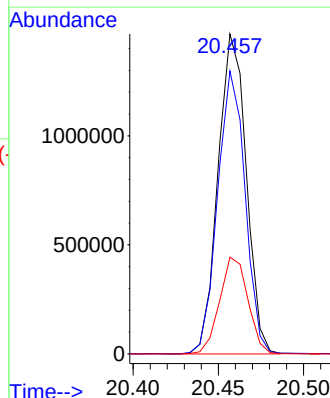
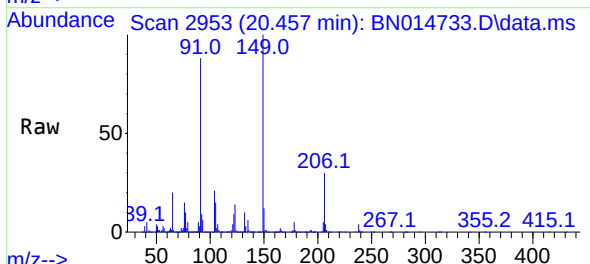
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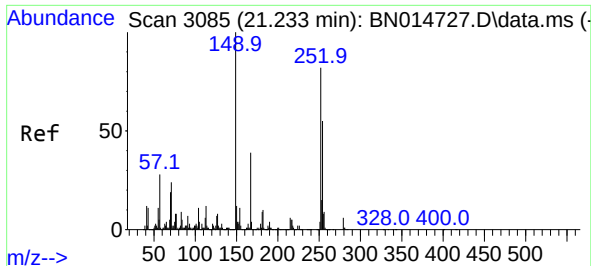
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#83
Butylbenzylphthalate
Concen: 45.97 ng/ul
RT: 20.457 min Scan# 2953
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:149 Resp: 1690926
Ion Ratio Lower Upper
149 100
91 88.4 65.7 98.5
206 30.2 23.8 35.8





#84
3,3'-Dichlorobenzidine
Concen: 42.14 ng/ul
RT: 21.239 min Scan# 3086
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

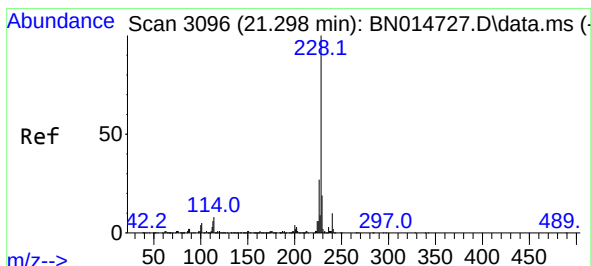
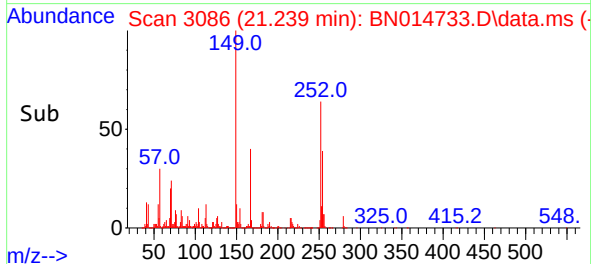
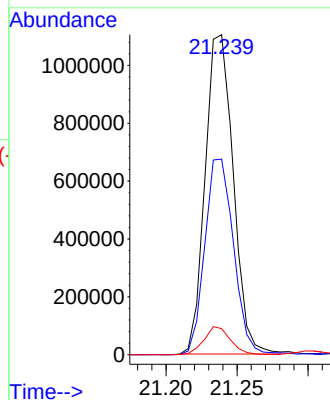
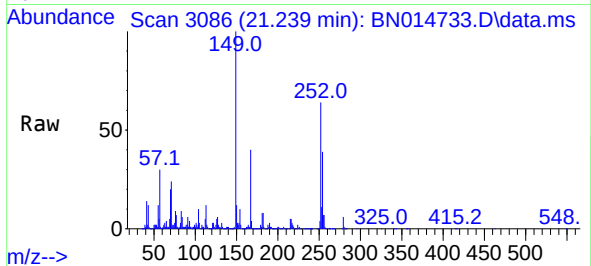
Tgt Ion:252 Resp: 1521202
Ion Ratio Lower Upper
252 100
254 61.1 50.1 75.1
126 8.1 6.3 9.5

Instrument :
BNA_N
ClientSampled :
GB432MSD

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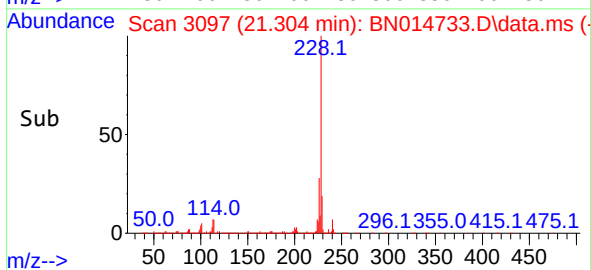
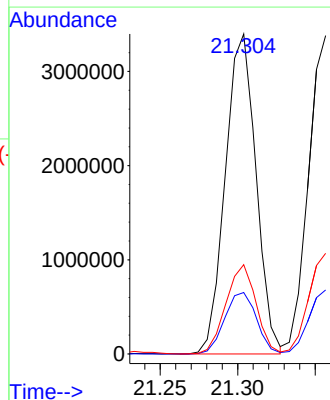
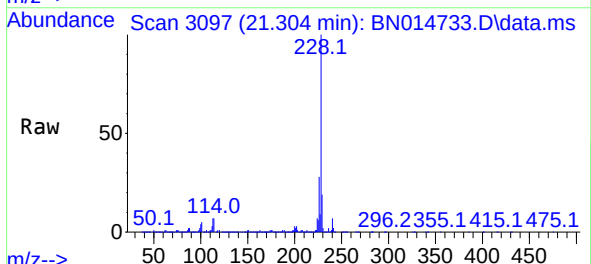
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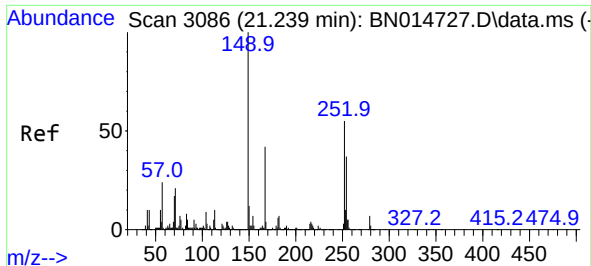
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#85
Benzo(a)anthracene
Concen: 39.19 ng/ul
RT: 21.304 min Scan# 3097
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

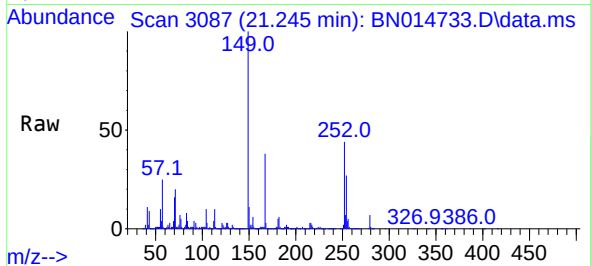
Tgt Ion:228 Resp: 4677943
Ion Ratio Lower Upper
228 100
229 19.2 16.2 24.4
226 27.9 21.6 32.4





#86
Bis(2-ethylhexyl)phthalate
Concen: 41.22 ng/ul
RT: 21.245 min Scan# 3087
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Instrument :
BNA_N
ClientSampled :
GB432MSD

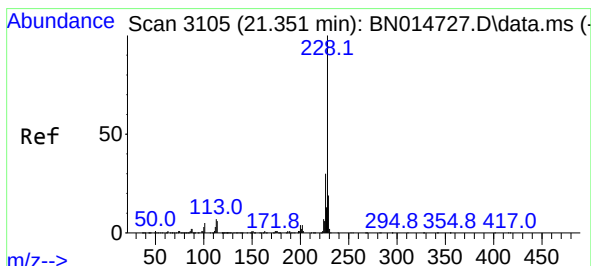
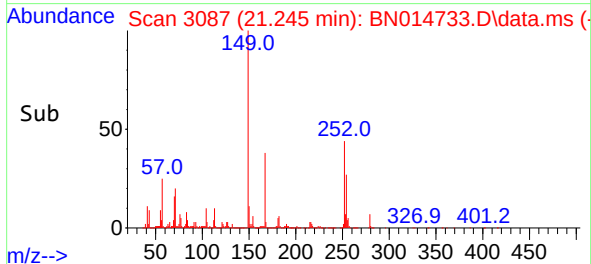
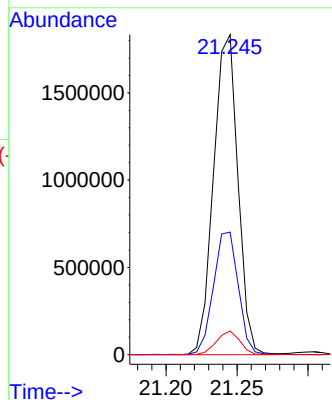


Tgt Ion:149 Resp: 2185811
Ion Ratio Lower Upper
149 100
167 38.3 30.7 46.1
279 7.4 5.1 7.7

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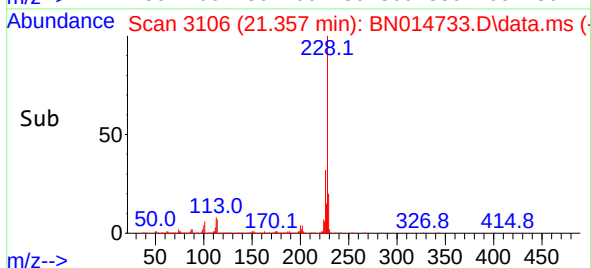
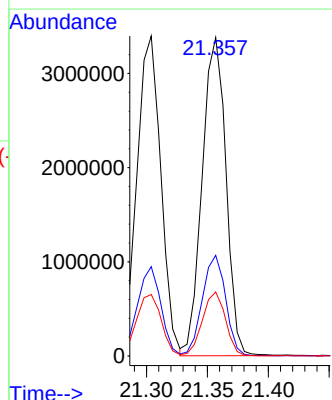
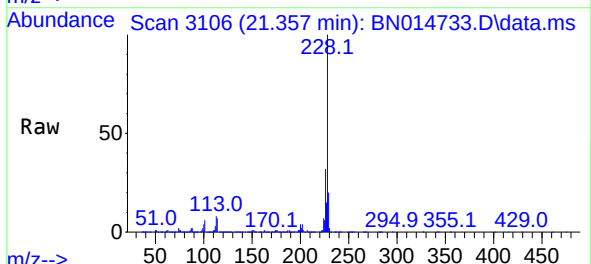
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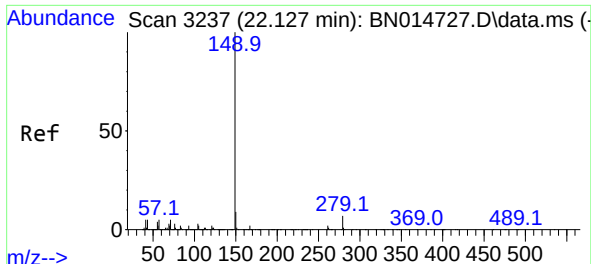
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#87
Chrysene
Concen: 38.27 ng/ul
RT: 21.357 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Tgt Ion:228 Resp: 4599965
Ion Ratio Lower Upper
228 100
226 31.6 23.8 35.6
229 20.1 14.8 22.2





#89
Di-n-octyl phthalate
Concen: 44.45 ng/ul
RT: 22.127 min Scan# 3237
Delta R.T. -0.000 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

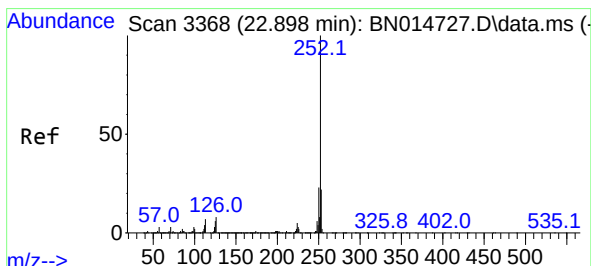
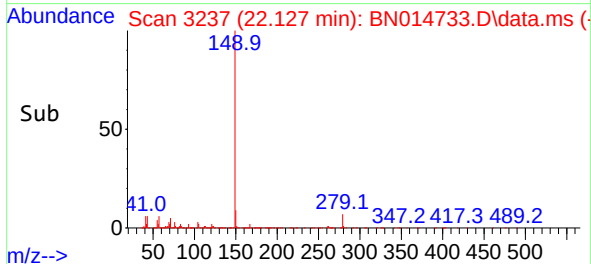
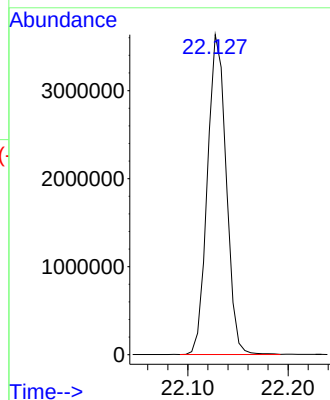
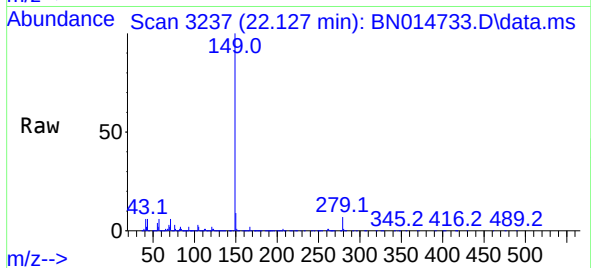
Tgt Ion:149 Resp: 4733322

Instrument :
BNA_N
ClientSampleId :
GB432MSD

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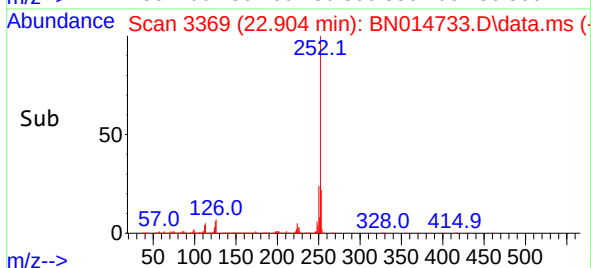
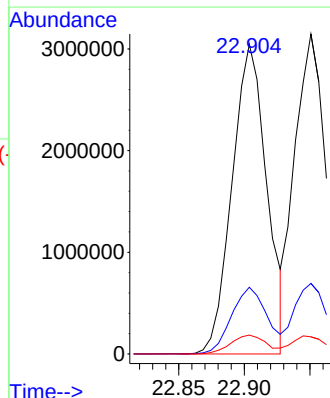
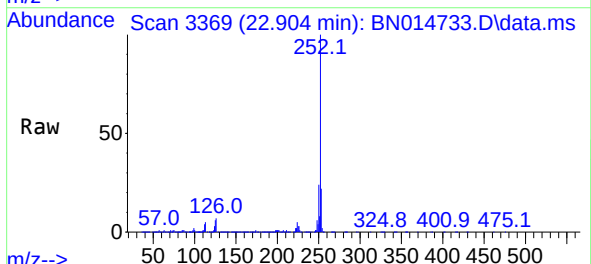
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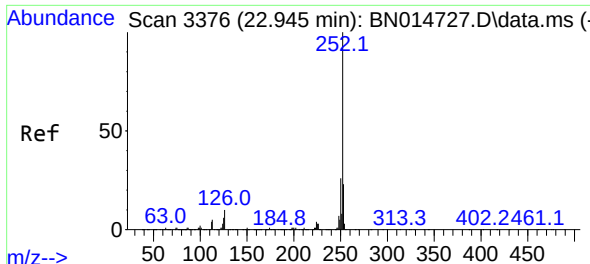
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#90
Benzo(b)fluoranthene
Concen: 38.74 ng/ul
RT: 22.904 min Scan# 3369
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

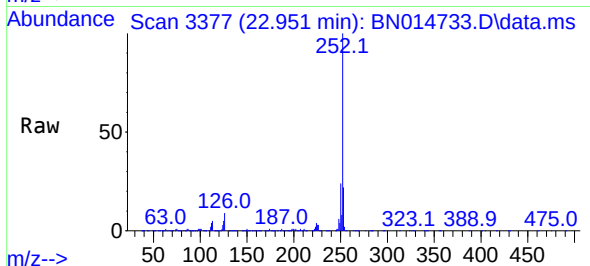
Tgt Ion:252 Resp: 5596815
Ion Ratio Lower Upper
252 100
253 21.5 15.8 23.8
125 6.1 4.3 6.5





#91
Benzo(k)fluoranthene
Concen: 36.17 ng/u1
RT: 22.951 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Instrument :
BNA_N
ClientSampleId :
GB432MSD

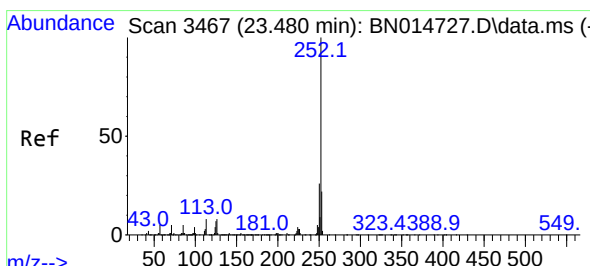
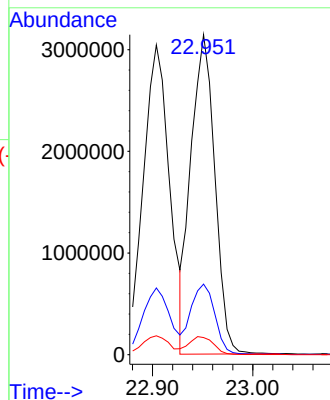
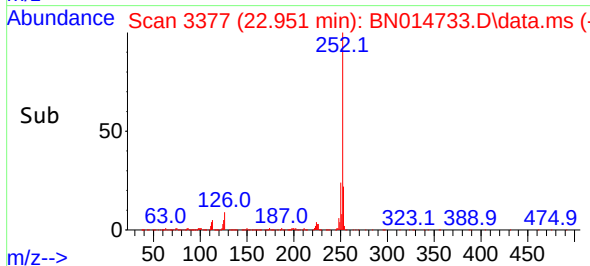


Tgt Ion:252 Resp: 5205548
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 5.4 4.8 7.2

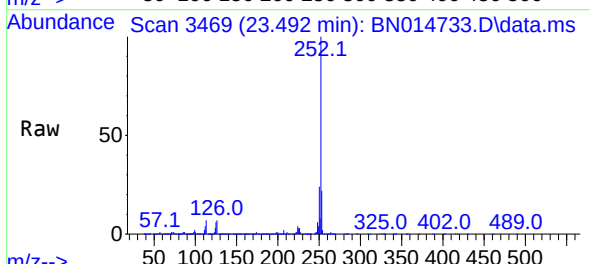
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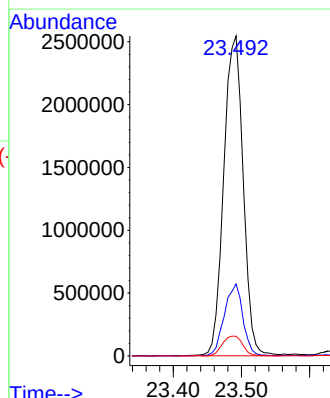
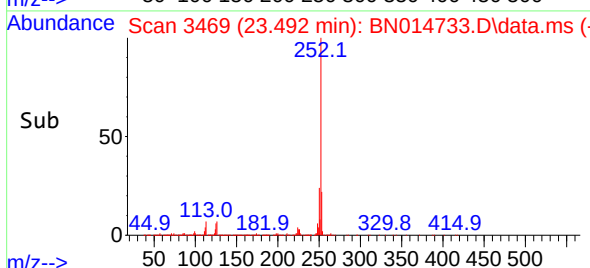
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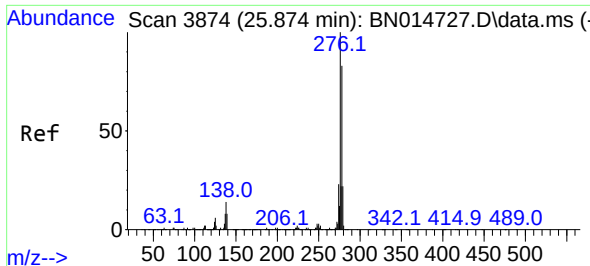


#93
Benzo(a)pyrene
Concen: 38.60 ng/u1
RT: 23.492 min Scan# 3469
Delta R.T. 0.012 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



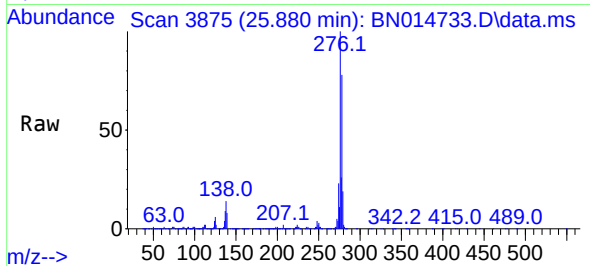
Tgt Ion:252 Resp: 5046656
Ion Ratio Lower Upper
252 100
253 22.5 18.8 28.2
125 6.1 5.4 8.2





#94
Indeno(1,2,3-cd)pyrene
Concen: 37.68 ng/ul
RT: 25.880 min Scan# 3875
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

Instrument :
BNA_N
ClientSampled :
GB432MSD

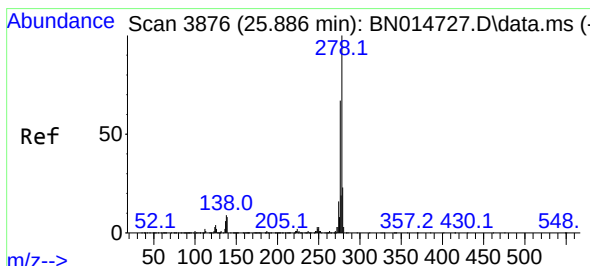
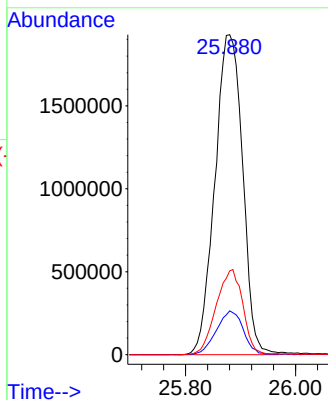
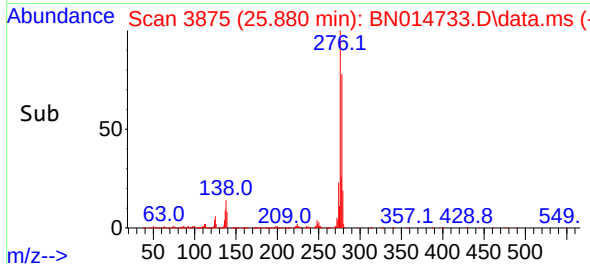


Tgt Ion:276 Resp: 6749626
Ion Ratio Lower Upper
276 100
138 13.7 10.0 15.0
277 26.2 19.5 29.3

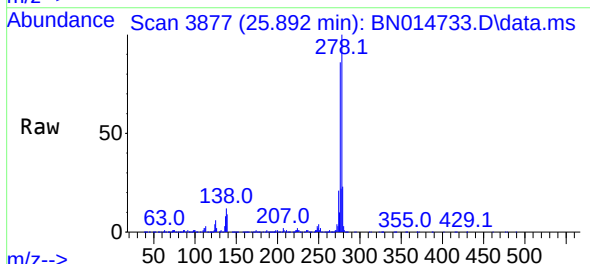
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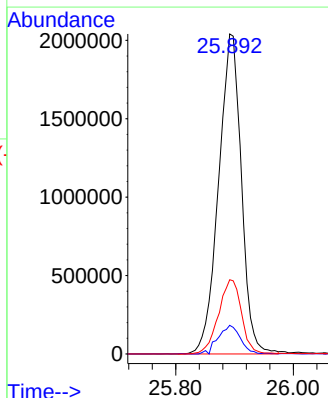
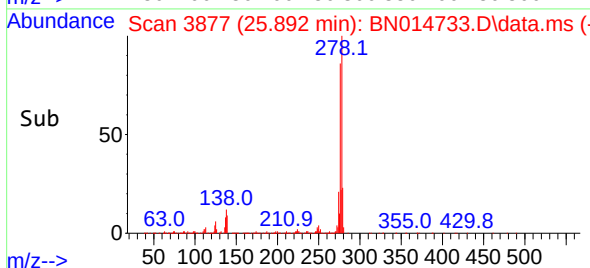
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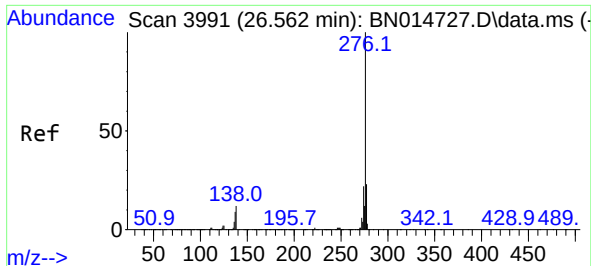


#95
Dibenzo(a,h)anthracene
Concen: 37.00 ng/ul
RT: 25.892 min Scan# 3877
Delta R.T. 0.006 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29

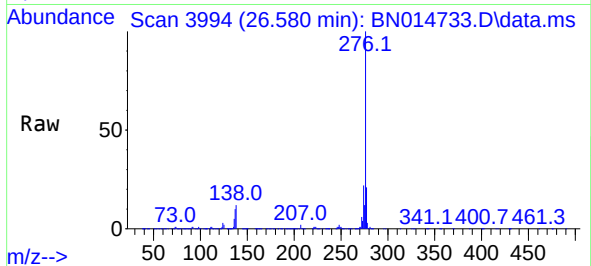


Tgt Ion:278 Resp: 5484356
Ion Ratio Lower Upper
278 100
139 9.0 7.6 11.4
279 23.2 19.0 28.6

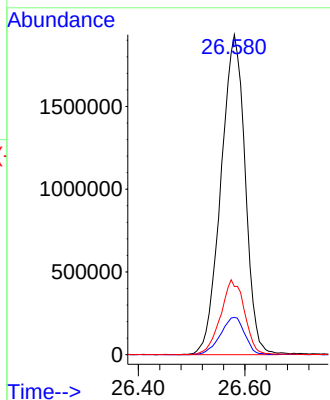
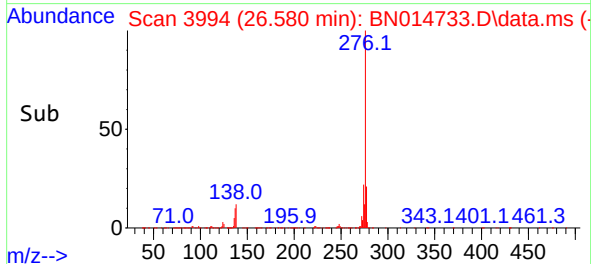




#96
Benzo(g,h,i)perylene
Concen: 38.45 ng/ul
RT: 26.580 min Scan# 3994
Delta R.T. 0.018 min
Lab File: BN014733.D
Acq: 25 May 2021 13:29



Tgt Ion: 276 Resp: 6095854
Ion Ratio Lower Upper
276 100
138 11.6 10.2 15.4
277 21.3 15.7 23.5



Instrument :
BNA_N
ClientSampleId :
GB432MSD

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